



**Stantec Consulting Services Inc.**

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February 9, 2021

File: 195601555

**Attention: Mr. Jeffrey Allen**

Cooper Industries, LLC

Mail Code 4S

1000 Eaton Blvd

Cleveland, OH 44122

**Reference: Off-Site Soil Gas Investigation Report  
Former McGraw-Edison Facility, Olean, New York**

Dear Mr. Allen,

Stantec Consulting Services, Inc. (Stantec) has prepared this Report describing the soil gas investigation conducted at the former McGraw-Edison facility located at 1648 Dugan Road, Olean, NY (the "Site") and at an off-site property (identified as Unit 117) located southwest of the Site. This work was conducted in accordance with Stantec's Workplan for Off-Site Soil Gas Investigation (the "Workplan"), dated November 19, 2020, which was approved by the USEPA on November 30, 2020. Note that the field work was conducted in accordance with Stantec's Covid-19 health and safety protocols as detailed in our Health and Safety Plan, dated 11/20/2020. This Report presents descriptions of the Site Background, Work Performed, Results, Updated Conceptual Site Model, Conclusions, and Recommendations.

## **SITE BACKGROUND**

### ***Site Description***

The former McGraw-Edison Facility (Facility) is located on the eastern portion of the Olean Well Field Site, north of East State Street and east of Dugan road, New York (see Figure 1). The general layout of the Site is shown on Figure 2. The property occupies approximately 25 acres, just north of the intersection of East State Street and Dugan Road. Three buildings – the Main Plant (Plant), a smaller plant addition (MOV Building), and a fire pump well house – are located on the Site and used by Cooper Power Systems for the manufacture of surge and lightning arrestors for the electric utility industry. Land uses to the north, south, and west of the Site are residential and/or commercial. Olean Steel borders the Site to the east.

McGraw-Edison Company, a wholly owned subsidiary of Cooper Industries, LLC (Cooper), entered into a Consent Decree with the United States Environmental Protection Agency (EPA) to conduct remedial activities in response to the presence of volatile organic compounds (VOCs) in groundwater at the Olean Well Field Superfund Site. The work activities are defined in the



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**Reference:** Off-Site Soil Gas Investigation Report, Former McGraw-Edison Facility, Olean, New York

Operable Unit 2 (OU2) Record of Decision (ROD) and the Statement of Work (SOW), which were included as Appendices A and B to the Consent Decree. The effective date of the Consent Decree is March 17, 1998.

### ***Hydrogeologic Setting***

Previous groundwater investigations at the Site have shown that the upper 100 feet of sediment can be divided into two aquifers, each underlain by an aquitard. The lithologic units that comprise the upper 100 feet of sediment are referred to as the Upper Aquifer (UA), upper aquitard, Lower Aquifer (LA), and lower aquitard. The UA is comprised of glaciofluvial coarse sands and sandy gravels, and recent fluvial deposits of fine sands and silts with some clay and extends to depths ranging from approximately 25 to 29 feet below ground surface (bgs). The water table in this unit generally ranges from 10 to 14 feet bgs, resulting in a saturated thickness in the UA ranging from approximately 11 to 19 feet. As described further below, the data indicate that volatile organic compounds (VOCs) have impacted groundwater in the UA. The soil gas investigation described herein was conducted just above the saturated zone in the UA since the groundwater in the UA was expected to be the source of any potential VOCs in soil gas.

Underlying the UA is the upper aquitard, which is a low permeability lodgement till composed of greater than 50 percent silt and clay. The thickness of the upper aquitard generally ranges from 10 to 13 feet across the Site.

The UA potentiometric surface at the Site is relatively flat. There is a gentle gradient towards the southwest in the direction of the Allegheny River under non-pumping conditions and towards the extraction wells during pumping conditions (described further below).

### ***Summary of Remediation***

As specified in the OU 2 Record of Decision (ROD), groundwater extraction and treatment are the selected remedy for volatile organic compound (VOCs) in groundwater at the Site. As stated in the ROD, EPA has determined that soil at the Property does not constitute a source of groundwater contamination; and, as such, no soil remediation is necessary. As a result, the remedy for OU2 was selected to address VOC contamination in the UA only. The remedial action objectives (RAOs) are the removal and control of the sources of contamination to groundwater and removal of contamination already in shallow groundwater. Groundwater at the Site boundary must have VOC levels equal to, or less than, the maximum contaminant levels (MCLs).

The current remediation system consists of two groundwater extraction wells, identified as EW-1 and EW-2 on Figure 2, that are located near the western and southern site boundaries, respectively. The purpose of these wells is to capture groundwater from the portion of the UA



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beneath the Property that has been impacted by VOCs, primarily trichloroethene (TCE) and cis-1,2-Dichloroethene (cis-1,2-DCE or cDCE), above ROD-based cleanup levels. The two extraction wells were installed with screens that bisect the entire saturated thickness of the UA.

Extracted groundwater is conveyed from the extraction wells to a water treatment system, located just south of the Plant. Extracted groundwater is treated using a shallow-tray low-profile, diffuse air stripper and re-injected into the LA through an injection well (identified as IW-1) located near the southeast corner of the Site, upgradient of the Plant.

Historical groundwater elevation data show cones of depression around the two extraction wells that are effectively capturing impacted groundwater beneath the Property at the downgradient Property boundaries. An example of a recent groundwater contour map (from June 2020) is presented as Figure 2A.

## **WORK PERFORMED**

This work was conducted in accordance with Stantec's Workplan for Off-Site Soil Gas Investigation, dated November 19, 2020, which was approved by the USEPA on November 30, 2020. This work is described below.

### ***Soil Gas Probe Installation/Abandonment***

Prior to any invasive work, an access agreement was executed between Cooper and the owner of Unit 117. The sampling locations were then located and cleared by DigSafelyNY. Finally, each boring location was screened and cleared by a private utility locator. The boring locations, identified as SG-201 to SG-207, are shown on Figure 3.

Stantec oversaw the installation of these borings/soil gas probes on December 8, 2020. The Geoprobe borings were drilled by SJB Services of Hamburg, New York. As shown on Figure 3, two borings were located in the western portion of the Site and five were completed at the off-site Unit 117 property, located southwest of the Site. Each boring was advanced to approximately 1 to 2 feet above the historic high-water table. Based on historical information, the two on-site borings (SG-201 and SG-202) were advanced to 5 feet below grade (ft bg) and the five off-site borings (SG-203 to SG-207) were advanced to 6 ft bg. One and one-half (1.5) inch inner diameter Geoprobe rods with stainless steel expendable points and soil vapor screens were pushed to the proper depth. Approximately ten-feet of ¼-inch inner diameter Post Run Tubing (PRT) was then attached to each screen and completed with fittings to allow for the soil gas sample collection. Clean filter sand was poured/placed around each screen and the rods were pulled back one foot thereby exposing the screen to the subsurface. The remaining annulus from above the filter sand to ground surface was sealed with bentonite.



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No soil cuttings were generated because the Geoprobe rods were pushed into the ground to the prescribed depth and no soil sampling was conducted. All down hole drilling equipment was decontaminated between locations. Decontamination consisted of an Alconox/water wash in one bucket followed by a potable water rinse in a second bucket. Decontamination water was discharged to the ground surface at each location in a manner that did not create ponding, flooding, or erosion.

After the samples were collected (described below), SJB returned to the Site on December 10<sup>th</sup> and abandoned each point by removing the PRT and the rods. Additional bentonite was added to each borehole and allowed to hydrate, and the surface was restored.

### ***Soil Gas Probe Sampling/Analysis***

After the seven points were installed and immediately prior to sampling, Stantec attached a photoionization detector (PID) pump to the PRT to remove stagnant/ambient air from the tubing. Soil gas samples were then collected with 6-liter Summa canisters that were attached to each PRT over a 24-hour time period. Sample collection commenced from 14:50 to 15:12 on the afternoon of December 8, 2020. Stantec observed and documented the pressure for each Cannister at the start of, periodically throughout, and at the end of sampling. These data are presented in Table 1. For quality control purposes, a trip blank was also prepared by the analytical laboratory and kept with the investigative samples throughout the sampling event. After the 24-hour target collection period, the samples were secured and, along with the trip blank, shipped to Eurofins/Test America and analyzed for the presence of volatile organic compounds (VOCs) in air by USEPA Method TO-15.

## **RESULTS**

The analytical results for the December 2020 soil gas sampling event are summarized in Table 2. Three of the samples (SG-201, SG-202, and SG-205) underwent additional laboratory analysis following dilution of the samples by a factor of 4 (SG-201), 2 (SG-202), and 15.4 (SG-205). The laboratory reported initial and diluted results for specific compounds initially reported with "J" flags (result reported below LRL but above MDL) or "E" flags (result exceeds instrument calibration range).

The reported results were then compared to Carcinogenic and Noncarcinogenic Soil Gas Screening Levels (SGSLs), which were calculated by dividing the USEPA worker Indoor Air Screening Levels (IASLs) by the EPA default attenuation factor of 0.03. For carcinogens, the SGSLs were adjusted to correspond to an acceptable risk of 1E-05 ( $1 \times 10^{-5}$ ). The composite worker scenario was selected based on the current zoning of the Site/property (Commercial C-1) and site usage (Unit 117 for commercial use as an insurance broker).





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As shown on Table 2, there were no detections from the soil gas samples that exceeded the lowest, listed SGSs. This suggests that the contaminants of concern at the Site (i.e., chlorinated volatile organic compounds or cVOCs) are not impacting the soil gas in the areas investigated (the western portion of the site and/or at the off-site Unit 117 property) at levels representing an unacceptable human health vapor intrusion risk or levels requiring any further investigation or remediation.

For the diluted sample at SG-205, note that 1,2-dibromoethane was reported at a concentration of 24  $\mu\text{g}/\text{m}^3$  U (where "U" stands for undetected). Although this concentration was reported as undetected, the reporting limit (24  $\mu\text{g}/\text{m}^3$ ) exceeded its lowest SGS of 6.7  $\mu\text{g}/\text{m}^3$ . However, the level of 1,2-dibromoethane in the undiluted sample was reported at 1.5  $\mu\text{g}/\text{m}^3$  U, which was below its lowest SGS.

### **QA/QC Review**

The laboratory QA/QC report indicates that there were no detections in the method blank; laboratory control sample % recoveries were within acceptance criteria indicating acceptable precision, and all surrogates were recovered within acceptance limits. No VOCs were detected in the trip blank. No other analytical or quality issues were noted in the lab report. Except for 1,2-dibromoethane in the diluted sample at SG-205, sample dilution did not elevate reporting limits above the most stringent SGSs. As noted above, however, the level of 1,2-dibromoethane in the undiluted sample was reported at 1.5  $\mu\text{g}/\text{m}^3$  U, which was below its lowest SGS. Sample collection procedures were consistent with the approved Workplan. Based on this information, Stantec concludes that the data are acceptable for their intended use.

## **UPDATED CONCEPTUAL SITE MODEL**

### ***Nature and Extent of Contamination***

As stated in the ROD, EPA has determined that soil at the Property does not constitute a source of groundwater contamination. The extent of groundwater contamination has consistently been documented by the monthly sampling of the extraction wells and the semi-annual sampling of the monitoring wells. Historically, levels of VOCs have been detected in groundwater and include 1,1,1-trichloroethane (1,1,1-TCA), 1,1-dichloroethane (1,1-DCA), acetone, carbon disulfide, chloroform, cis-1,2-dichloroethene (cDCE), tetrachloroethene (aka perchloroethene or PCE), and trichloroethene (TCE). The data over the past several years show only levels of TCE and cDCE that exceed MCLs and New York State Groundwater Quality Standards (GWQS) in extraction well EW-2 and monitoring wells B-1 and D-1 located in the southern portion of the Site and in extraction well EW-1 located in the western portion of the Site. The compounds of concern at the Site are cVOCs.



**Reference:** Off-Site Soil Gas Investigation Report, Former McGraw-Edison Facility, Olean, New York

The data also show that the extraction wells are creating cones of depression that are effectively capturing contaminated groundwater at the downgradient property boundaries (see Figure 2A). This is further shown by no detections of VOCs above MCLs or GWQS at two off-site monitoring wells, CW-7A and CW-18A (located west and southwest of the Site across Dugan Road). CW-18A is located between the Site and the structures on, and adjoining, the Unit 117 property.

The VOCs detected historically in groundwater at the Site that were also detected above reporting limits at the soil gas sampling locations are shown below.

| Soil Gas Point | 1,1,1-TCA (µg/m³) | 1,1-DCA (µg/m³) | Acetone (µg/m³) | Carbon Disulfide (µg/m³) | Chloroform (µg/m³) | cDCE (µg/m³) | PCE (µg/m³) | TCE (µg/m³) |
|----------------|-------------------|-----------------|-----------------|--------------------------|--------------------|--------------|-------------|-------------|
| SG-201         | 53                | 32              | 24              | 23                       | 0.94 J             | 10           | 540 D       | 24          |
| SG-202         | 1.1 U             | 0.81 U          | 6.6 J           | 1.6                      | 0.16 J             | 0.20 U       | 14          | 1.3         |
| SG-203         | 0.32 J            | 0.81 U          | 4.7 J           | 12                       | 0.43 J             | 0.20 U       | 8.1         | 0.42        |
| SG-204         | 1.1 U             | 0.81 U          | 11 J            | 4.4                      | 0.25 J             | 0.20 U       | 1.9         | 10          |
| SG-205         | 3.4               | 0.81 U          | 24              | 12                       | 0.46 J             | 0.20 U       | 2,900 D     | 69          |
| SG-206         | 1.1 U             | 0.81 U          | 23              | 7.9                      | 0.98 U             | 0.20 U       | 220         | 12          |
| SG-207         | 1.1 U             | 0.81 U          | 12              | 3.3                      | 0.98 U             | 0.20 U       | 1.3 J       | 0.31        |

D = Sample results are obtained from a dilution; the surrogate or matrix spike recoveries reported are calculated from diluted samples.

J = Result is less than the Reporting Limit (RL) but greater than or equal to the Method Detection Limit (MDL) and the concentration is an approximate value.

U = Indicates the analyte was analyzed for but not detected.

As mentioned above, only TCE and cDCE are currently detected in groundwater at concentrations exceeding MCLS and/or GWQS. In fact, no other VOCs have been detected above MCLS and/or GWQS at the Site since 2010.

An inspection of the distribution of the cVOCs in the soil gas shows low levels of TCE in the western portion of the Site (24 µg/m³ at SG-201 and 1.3 µg/m³ at SG-202) and at the off-Site Unit 117 property (ranging from 0.31 µg/m³ at SG-207 to 69 µg/m³ at SG-205). cDCE is shown at 10 µg/m³ at only SG-201 in the western portion of the property, and at 0.20 µg/m³ U at the remaining sampled



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**Reference:** Off-Site Soil Gas Investigation Report, Former McGraw-Edison Facility, Olean, New York

locations. Note that there are no established SGSs for cDCE. PCE is reported on the Site at 540  $\mu\text{g}/\text{m}^3$  at SG-201 and at 14  $\mu\text{g}/\text{m}^3$  at SG-202, and at the off-site Unit 117 property at levels ranging from 1.3  $\mu\text{g}/\text{m}^3$  at SG-207 to 2,900  $\mu\text{g}/\text{m}^3$  at SG-205. The data show that, for all but PCE and TCE, the highest VOC levels are reported at the on-Site location SG-201. The highest concentrations of PCE and TCE were found at the off-site location SG-205. No other notable trends in the data were observed. Regardless, all of these levels are below their lowest, listed SGSs.

## CONCLUSIONS

Based on the information collected from this soil gas investigation, Stantec draws the following conclusions:

- Soil gas is not impacted with VOCs above EPA calculated SGSs in the western portion of the Site or in the off-site property (Unit 117) located to the southwest of the Site.

## RECOMMENDATIONS

Stantec recommends the following:

- No additional vapor intrusion investigation at the Site or at the off-site (Unit 117) property are warranted.

We hope this information meets your needs. Please call the undersigned with any questions or comments.

Regards,

### STANTEC CONSULTING SERVICES INC.

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Senior Principal  
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Attachments: Figures 1 to 3  
Tables 1 and 2  
Soil Gas Laboratory Report, December 2020

# Figures

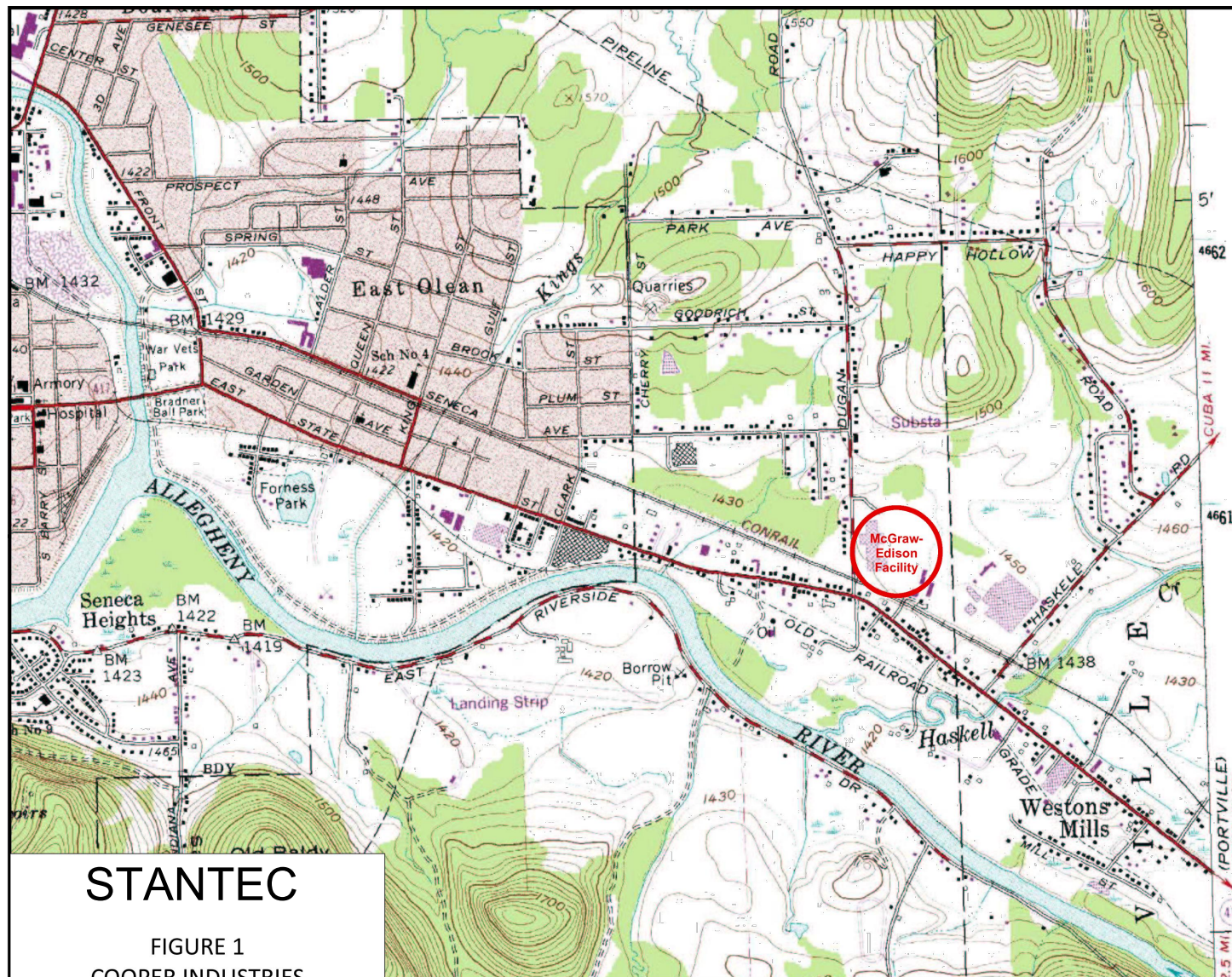


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Notes



**STANTEC**

FIGURE 1  
COOPER INDUSTRIES  
PROPERTY LOCATION  
OLEAN, NY

REFERENCE:  
USGS 7.5 MIN. TOPOGRAPHIC MAP, OLEAN, NEW YORK, QUADRANGLE, 1980. [www.usgs.gov](http://www.usgs.gov)  
SCALE 1 : 24,000

Revision \_\_\_\_\_ By \_\_\_\_\_ Appd \_\_\_\_\_ YYYY MM DD

ISSUE FOR BD \_\_\_\_\_ By \_\_\_\_\_ Appd \_\_\_\_\_ YYYY MM DD

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Client/Project  
COOPER INDUSTRIES, LLC  
COOPER, OLEAN, NY

1648 DUGAN ROAD, OLEAN, NY

Title  
FIGURE 1  
SITE LOCATION MAP

Project No.  
195601555

Scale  
AS INDICATED

Revision Sheet  
0 1

Drawing No.  
1



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Client/Project  
COOPER INDUSTRIES, LLC  
COOPER, OLEAN, NY

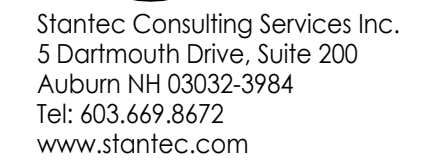
1648 DUGAN ROAD, OLEAN, NY

Title  
FIGURE 2  
SITE MAP

Project No. 195601555  
Revision Sheet 0 2  
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COOPER, OLEAN, NY

1648 DUGAN ROAD, OLEAN, NY

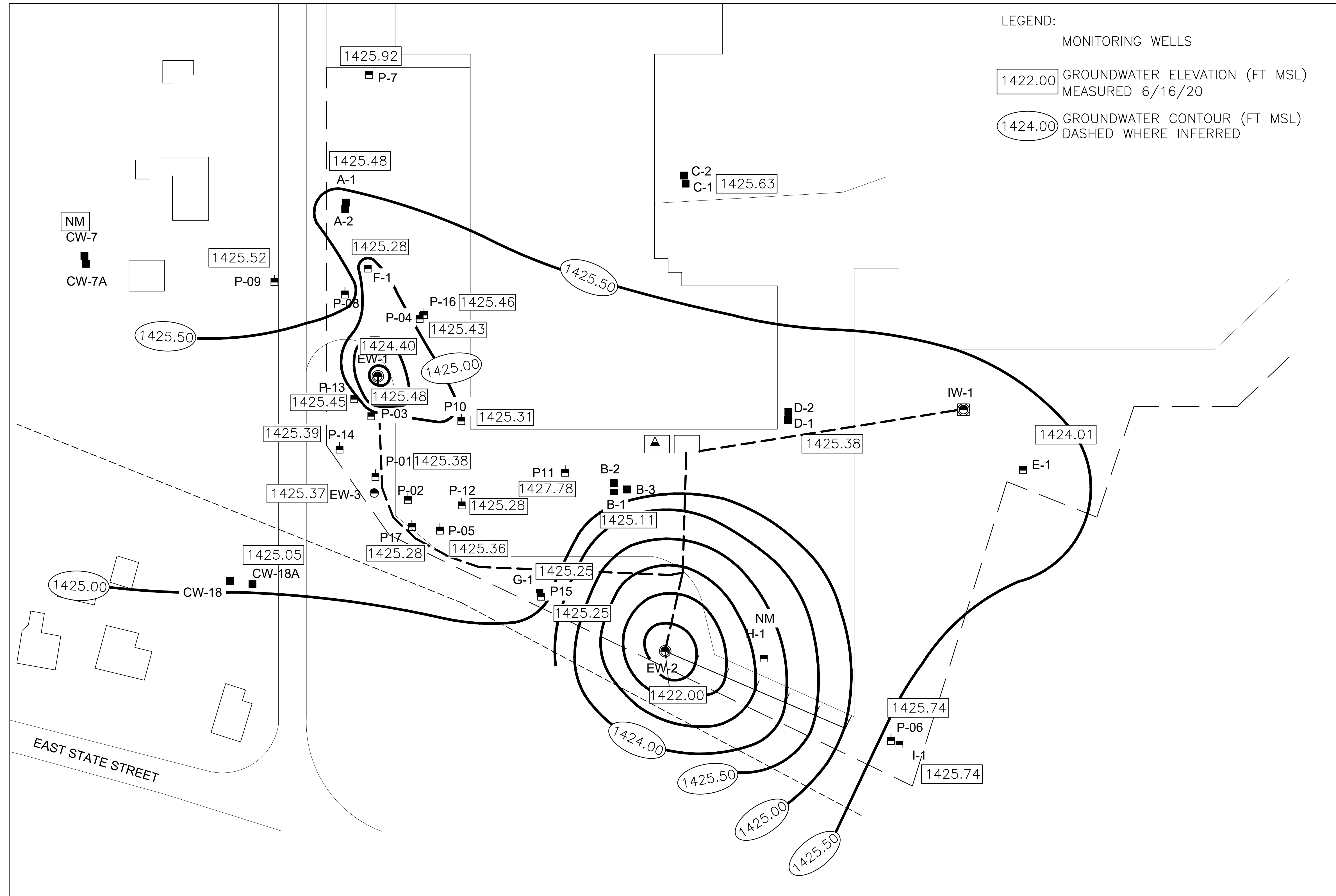
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FIGURE 2A  
UPPER AQUIFER GROUNDWATER  
CONTOUR MAP

|             |               |
|-------------|---------------|
| Project No. | Scale         |
| 195601555   | 1/48" = 1'-0" |

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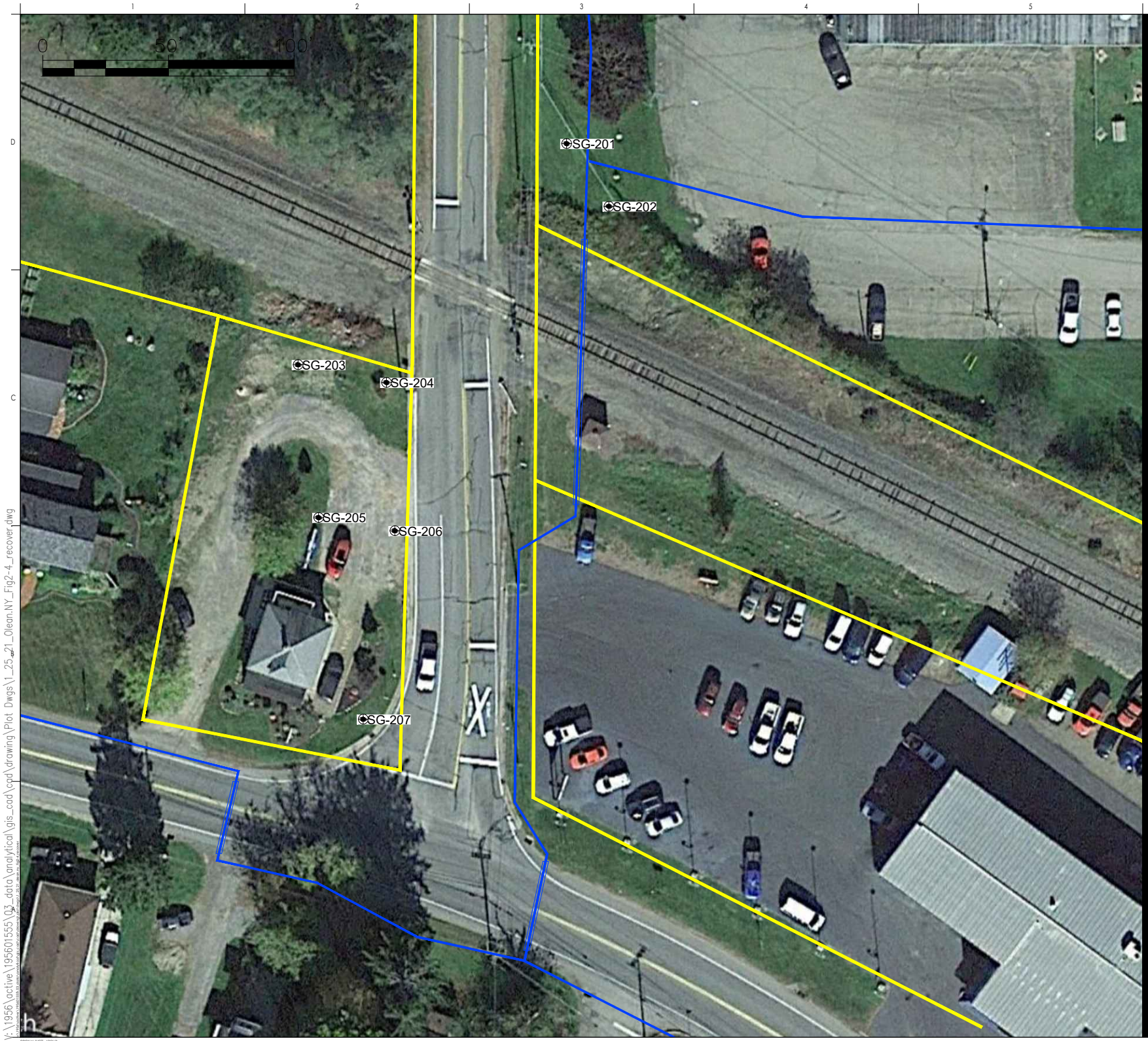
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- Consultant
- Notes
- WATER LINE
  - PARCEL BOUNDARY (APPROXIMATE)
  - SG-201 SOIL GAS SAMPLING LOCATION

|          |    |      |            |
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COOPER INDUSTRIES, LLC  
COOPER, OLEAN, NY

1648 DUGAN ROAD, OLEAN, NY

Title  
FIGURE 3  
SOIL GAS SAMPLING LOCATIONS

|                          |                       |
|--------------------------|-----------------------|
| Project No.<br>195601555 | Scale<br>AS INDICATED |
| Revision Sheet<br>0 3    | Drawing No.<br>3      |

# Tables

Table 1  
Cooper Industries Outdoor SV Assessment  
Olean, NY  
December 8-9, 2020

| Sample ID  | Location | Sample Type | Can ID   | Regulator ID | Ambient PID (ppm) | Start Time | Start Pressure (in Hg) | Check #1 Time | Check #1 Pressure | Check #2 Time | Check #2 Pressure | Check #3 Time | Check #3 Pressure | Stop Time | Stop Pressure (in Hg) | Comments                  |
|------------|----------|-------------|----------|--------------|-------------------|------------|------------------------|---------------|-------------------|---------------|-------------------|---------------|-------------------|-----------|-----------------------|---------------------------|
| SG-201     | Cooper   | Soil Vapor  | 4488     | 4514         | 0.0               | 15:12      | 26.0                   | 16:03         | 28.0              | 08:56         | 11.5              | 12:03         | 8.0               | 14:58     | 5.0                   | Max. Purge Conc.: 0.0 ppm |
| SG-202     | Cooper   | Soil Vapor  | 5098     | 4733         | 0.0               | 15:11      | >30.0                  | 16:03         | 30.0              | 08:56         | 11.5              | 12:04         | 7.5               | 14:59     | 5.0                   | Max. Purge Conc.: 0.0 ppm |
| SG-203     | Unit 117 | Soil Vapor  | 5121     | 2763         | 0.0               | 14:50      | 29.5                   | 15:59         | 29.0              | 08:58         | 11.5              | 12:05         | 8.0               | 14:50     | 5.0                   | Max. Purge Conc.: 0.5 ppm |
| SG-204     | Unit 117 | Soil Vapor  | 4345     | 3949         | 0.0               | 14:53      | 30.0                   | 15:59         | 29.5              | 08:58         | 12.5              | 12:05         | 9.0               | 14:52     | 6.0                   | Max. Purge Conc.: 0.1 ppm |
| SG-205     | Unit 117 | Soil Vapor  | 34001434 | 4024         | 0.0               | 14:57      | 28.0                   | 16:00         | 28.0              | 08:58         | 12.5              | 12:06         | 9.0               | 14:53     | 6.0                   | Max. Purge Conc.: 0.0 ppm |
| SG-206     | Unit 117 | Soil Vapor  | 4235     | 3113         | 0.0               | 15:02      | >30.0                  | 16:01         | 30.0              | 08:59         | 20.0              | 12:06         | 17.0              | 14:54     | 14.0                  | Max. Purge Conc.: 0.3 ppm |
| SG-207     | Unit 117 | Soil Vapor  | 3283     | 7170         | 0.0               | 15:06      | >30.0                  | 16:01         | 24.0              | 08:59         | 2.5               | 12:07         | 2*                | 12:08     | 2.0                   | Max. Purge Conc.: 0.2 ppm |
| Trip Blank | N/A      | N/A         | 5426     | --           | --                | --         | --                     | --            | --                | --            | --                | --            | --                | --        | --                    | --                        |

\*: SG-207 stopped at 12:08 as no discernable pressure drop was noted between 11:00 check in and 12:07 formal check.

Field Personnel: Kyle Stone  
Date: 12/8/2020 and 12/9/2020  
Weather: 12/8 - Mostly Clear, 30's F 12/9 - Mod. Snow transitioning to Mist, 30's F.

Field Instruments:  
Source (vendor): Eco Rental Solutions, Rochester , NY  
Helium Meter: N/A  
PID: FA00958  
Micromanometer: N/A



Table 2  
Summry of Soils Gas Analytical Results: December 2020  
Former McGraw-Edison Facility, Olean, New York

| Client ID                                     |                                |                            |                                |                          | SG-201              |   |      | SG-201              |   |     | SG-201              |   |     | SG-201              |   |      | SG-202              |   |      | SG-202              |   |     | SG-202              |   |     | SG-202              |   |      | SG-203 |   |      |  |
|-----------------------------------------------|--------------------------------|----------------------------|--------------------------------|--------------------------|---------------------|---|------|---------------------|---|-----|---------------------|---|-----|---------------------|---|------|---------------------|---|------|---------------------|---|-----|---------------------|---|-----|---------------------|---|------|--------|---|------|--|
| Lab Sample ID                                 |                                |                            |                                |                          | 200-56451-1         |   |      | 200-56451-1         |   |     | 200-56451-1         |   |     | 200-56451-1         |   |      | 200-56451-2         |   |      | 200-56451-2         |   |     | 200-56451-2         |   |     | 200-56451-3         |   |      |        |   |      |  |
| Sampling Date                                 |                                |                            |                                |                          | 12/09/2020 14:58:00 |   |      | 12/09/2020 14:58:00 |   |     | 12/09/2020 14:58:00 |   |     | 12/09/2020 14:58:00 |   |      | 12/09/2020 14:59:00 |   |      | 12/09/2020 14:59:00 |   |     | 12/09/2020 14:59:00 |   |     | 12/09/2020 14:50:00 |   |      |        |   |      |  |
| Matrix                                        | Carcinogenic                   | Noncarcinogeni             | Carcinogenic                   | Noncarcinogenic          | Air                 |   |      | Air                 |   |     | Air                 |   |     | Air                 |   |      | Air                 |   |      | Air                 |   |     | Air                 |   |     | Air                 |   |      |        |   |      |  |
| Dilution Factor                               | Indoor Air Screening Level     | Indoor Air Screening Level | Soil Gas Screening Level       | Soil Gas Screening Level | 1                   |   |      | 4                   |   |     | 1                   |   |     | 4                   |   |      | 1                   |   |      | 2                   |   |     | 1                   |   |     | 2                   |   |      |        |   |      |  |
| Unit                                          | ug/m3                          | ug/m3                      | ug/m3                          | ug/m3                    | ug/m3               |   |      | ug/m3               |   |     | ug/m3               |   |     | ug/m3               |   |      | ug/m3               |   |      | ug/m3               |   |     | ug/m3               |   |     | ug/m3               |   |      |        |   |      |  |
|                                               | Based on Cancer Risk of 1 E-06 |                            | Based on Cancer Risk of 1 E-05 |                          | Result              | Q | MDL  | Result              | Q | MDL | Secondary 1         | Q | MDL | Secondary 1         | Q | MDL  | Result              | Q | MDL  | Result              | Q | MDL | Secondary 1         | Q | MDL | Secondary 1         | Q | MDL  | Result | Q | MDL  |  |
| AIR BY TO-15                                  |                                |                            |                                |                          |                     |   |      |                     |   |     |                     |   |     |                     |   |      |                     |   |      |                     |   |     |                     |   |     |                     |   |      |        |   |      |  |
| 1,1,1-Trichloroethane                         | NC                             | 2.2E+04                    | NC                             | 733,333                  | 53                  |   | 0.20 | NR                  |   |     | NR                  |   |     | 46                  | D | 0.79 | 1.1                 | U | 0.20 | NR                  |   |     | NR                  |   |     | 2.2                 | U | 0.39 | 0.32   | J | 0.20 |  |
| 1,1,2,2-Tetrachloroethane                     | 2.1E-01                        | NE                         | 70                             | NE                       | 1.4                 | U | 0.29 | NR                  |   |     | NR                  |   |     | 5.5                 | U | 1.2  | 1.4                 | U | 0.29 | NR                  |   |     | NR                  |   |     | 2.7                 | U | 0.58 | 1.4    | U | 0.29 |  |
| 1,1,2-Trichloroethane                         | 7.7E-01                        | NE                         | 257                            | NE                       | 1.1                 | U | 0.20 | NR                  |   |     | NR                  |   |     | 4.4                 | U | 0.79 | 1.1                 | U | 0.20 | NR                  |   |     | NR                  |   |     | 2.2                 | U | 0.39 | 1.1    | U | 0.20 |  |
| 1,1,2-Trichlorotrifluoroethane                | NC                             | 2.2E+04                    | NC                             | 733,333                  | 12                  |   | 0.29 | NR                  |   |     | NR                  |   |     | 11                  | D | 1.2  | 0.64                | J | 0.29 | NR                  |   |     | NR                  |   |     | 3.1                 | U | 0.58 | 0.54   | J | 0.29 |  |
| 1,1-Dichloroethane                            | 7.7E+00                        | NE                         | 2,567                          | NE                       | 32                  |   | 0.17 | NR                  |   |     | NR                  |   |     | 29                  | D | 0.66 | 0.81                | U | 0.17 | NR                  |   |     | NR                  |   |     | 1.6                 | U | 0.33 | 0.81   | U | 0.17 |  |
| 1,1-Dichloroethene                            | NC                             | 8.8E+02                    | NC                             | 29,333                   | 1.6                 |   | 0.15 | NR                  |   |     | NR                  |   |     | 1.4                 | D | 0.62 | 0.20                | U | 0.15 | NR                  |   |     | NR                  |   |     | 0.40                | U | 0.31 | 0.20   | U | 0.15 |  |
| 1,2,4-Trichlorobenzene                        | NC                             | 8.8E+00                    | NC                             | 293                      | 3.7                 | U | 1.6  | NR                  |   |     | NR                  |   |     | 15                  | U | 6.5  | 3.7                 | U | 1.6  | NR                  |   |     | NR                  |   |     | 7.4                 | U | 3.3  | 3.7    | U | 1.6  |  |
| 1,2,4-Trimethylbenzene                        | NC                             | 2.6E+02                    | NC                             | 8,667                    | 16                  |   | 0.22 | NR                  |   |     | NR                  |   |     | 13                  | D | 0.87 | 0.76                | J | 0.22 | NR                  |   |     | NR                  |   |     | 2.0                 | U | 0.43 | 1.6    |   | 0.22 |  |
| 1,2-Dibromoethane                             | 2.0E-02                        | 3.9E+01                    | 6.7                            | 1,300                    | 1.5                 | U | 0.38 | NR                  |   |     | NR                  |   |     | 6.1                 | U | 1.5  | 1.5                 | U | 0.38 | NR                  |   |     | NR                  |   |     | 3.1                 | U | 0.75 | 1.5    | U | 0.38 |  |
| 1,2-Dichlorobenzene                           | NC                             | 8.8E+02                    | NC                             | 29,333                   | 1.2                 | U | 0.58 | NR                  |   |     | NR                  |   |     | 4.8                 | U | 2.3  | 1.2                 | U | 0.58 | NR                  |   |     | NR                  |   |     | 2.4                 | U | 1.2  | 1.2    | U | 0.58 |  |
| 1,2-Dichloroethane                            | 4.7E-01                        | NE                         | 157                            | NE                       | 0.81                | U | 0.13 | NR                  |   |     | NR                  |   |     | 3.2                 | U | 0.52 | 0.81                | U | 0.13 | NR                  |   |     | NR                  |   |     | 1.6                 | U | 0.26 | 0.81   | U | 0.13 |  |
| 1,2-Dichloropropane                           | 3.3E+00                        | 1.8E+01                    | 1,100                          | 600                      | 0.92                | U | 0.15 | NR                  |   |     | NR                  |   |     | 3.7                 | U | 0.61 | 0.92                | U | 0.15 | NR                  |   |     | NR                  |   |     | 1.8                 | U | 0.31 | 0.92   | U | 0.15 |  |
| 1,2-Dichlorotetrafluoroethane                 | NE                             | NE                         | NE                             | NE                       | 1.4                 | U | 0.24 | NR                  |   |     | NR                  |   |     | 5.6                 | U | 0.98 | 1.4                 | U | 0.24 | NR                  |   |     | NR                  |   |     | 2.8                 | U | 0.49 | 1.4    | U | 0.24 |  |
| 1,3,5-Trimethylbenzene                        | NC                             | 2.6E+02                    | NC                             | 8,667                    | 4.6                 |   | 0.19 | NR                  |   |     | NR                  |   |     | 3.8                 | J | 0.77 | 0.33                | J | 0.19 | NR                  |   |     | NR                  |   |     | 2.0                 | U | 0.38 | 0.55   | J | 0.19 |  |
| 1,3-Butadiene                                 | 4.1E-01                        | 8.8E+00                    | 137                            | 293                      | 15                  |   | 0.13 | NR                  |   |     | NR                  |   |     | 13                  | D | 0.50 | 7.8                 |   | 0.13 | NR                  |   |     | NR                  |   |     | 9.7                 | D | 0.25 | 0.66   |   | 0.13 |  |
| 1,3-Dichlorobenzene                           | NE                             | NE                         | NE                             | NE                       | 1.2                 | U | 0.66 | NR                  |   |     | NR                  |   |     | 4.8                 | U | 2.6  | 1.2                 | U | 0.66 | NR                  |   |     | NR                  |   |     | 2.4                 | U | 1.3  | 1.2    | U | 0.66 |  |
| 1,4-Dichlorobenzene                           | 1.1E+00                        | 3.5E+03                    | 367                            | 116,667                  | 1.2                 | U | 0.72 | NR                  |   |     | NR                  |   |     | 4.8                 | U | 2.9  | 1.2                 | U | 0.72 | NR                  |   |     | NR                  |   |     | 2.4                 | U | 1.4  | 1.2    | U | 0.72 |  |
| 1,4-Dioxane                                   | 2.5E+00                        | 1.3E+02                    | 833                            | 4,333                    | 18                  | U | 0.30 | NR                  |   |     | NR                  |   |     | 72                  | U | 1.2  | 18                  | U | 0.30 | NR                  |   |     | NR                  |   |     | 36                  | U | 0.61 | 18     | U | 0.30 |  |
| 2,2,4-Trimethylpentane                        | NE                             | NE                         | NE                             | NE                       | 18                  |   | 0.19 | NR                  |   |     | NR                  |   |     | 15                  | D | 0.77 | 0.92                | J | 0.19 | NR                  |   |     | NR                  |   |     | 1.9                 | U | 0.38 | 0.22   | J | 0.19 |  |
| 2-Chlorotoluene                               | NE                             | NE                         | NE                             | NE                       | 1.0                 | U | 0.22 | NR                  |   |     | NR                  |   |     | 4.1                 | U | 0.87 | 1.0                 | U | 0.22 | NR                  |   |     | NR                  |   |     | 2.1                 | U | 0.43 | 1.0    | U | 0.22 |  |
| 3-Chloropropene                               | NE                             | NE                         | NE                             | NE                       | 1.6                 | U | 0.20 | NR                  |   |     | NR                  |   |     | 6.3                 | U | 0.80 | 1.6                 | U | 0.20 | NR                  |   |     | NR                  |   |     | 3.1                 | U | 0.40 | 1.6    | U | 0.20 |  |
| 4-Ethyltoluene                                | NE                             | NE                         | NE                             | NE                       | 4.2                 |   | 0.20 | NR                  |   |     | NR                  |   |     | 3.4                 | J | 0.81 | 0.20                | J | 0.20 | NR                  |   |     | NR                  |   |     | 2.0                 | U | 0.40 | 0.34   | J | 0.20 |  |
| 4-Isopropyltoluene                            | NE                             | NE                         | NE                             | NE                       | 2.1                 |   | 0.21 | NR                  |   |     | NR                  |   |     | 1.8                 | J | 0.86 | 0.28                | J | 0.21 | NR                  |   |     | NR                  |   |     | 2.2                 | U | 0.43 | 1.1    | U | 0.21 |  |
| 4-Methyl-2-pentanone (Methyl isobutyl ketone) | NC                             | 1.3E+04                    | NC                             | 433,333                  | 2.7                 |   | 0.15 | NR                  |   |     | NR                  |   |     | 1.7                 | J | 0.59 | 2.0                 | U | 0.15 | NR                  |   |     | NR                  |   |     | 4.1                 | U | 0.29 | 1.0    | J | 0.15 |  |
| Acetone                                       | 1.4E+05                        | NE                         | 46,666,667                     | NE                       | 24                  |   | 2.9  | NR                  |   |     | NR                  |   |     | 21                  | J | 11   | 6.6                 | J | 2.9  | NR                  |   |     | NR                  |   |     | 8.1                 | J | 5.7  | 4.7    | J | 2.9  |  |
| Benzene                                       | 1.6E+00                        | 1.3E+02                    | 533                            | 4,333                    | 8.0                 |   | 0.21 | NR                  |   |     | NR                  |   |     | 7.4                 | D | 0.86 | 1.4                 |   | 0.21 | NR                  |   |     | NR                  |   |     | 1.1                 | J | 0.43 | 1.0    |   | 0.21 |  |
| Benzyl chloride                               | 2.5E-01                        | 4.4E+00                    | 83                             | 147                      | 1.0                 | U | 0.44 | NR                  |   |     | NR                  |   |     | 4.1                 | U | 1.8  | 1.0                 | U | 0.44 | NR                  |   |     | NR                  |   |     | 2.1                 | U | 0.88 | 1.0    | U | 0.44 |  |
| Bromodichloromethane                          | 3.3E-01                        | NE                         | 110                            | NE                       | 1.3                 | U | 0.23 | NR                  |   |     | NR                  |   |     | 5.4                 | U | 0.94 | 1.3                 | U | 0.23 | NR                  |   |     | NR                  |   |     | 2.7                 | U | 0.47 | 1.3    | U | 0.23 |  |
| Bromoethene(Vinyl Bromide)                    | 8.2E-01                        | 1.3E+01                    | 273                            | 433                      | 0.87                | U | 0.23 | NR                  |   |     | NR                  |   |     | 3.5                 | U | 0.91 | 0.87                | U | 0.23 | NR                  |   |     | NR                  |   |     | 1.7                 | U | 0.45 | 0.87   | U | 0.23 |  |
| Bromoform                                     | 1.1E+01                        | NE                         | 3,667                          | NE                       | 2.1                 | U | 0.50 | NR                  |   |     | NR                  |   |     | 8.3                 | U | 2.0  | 2.1                 | U | 0.50 | NR                  |   |     | NR                  |   |     | 4.1                 | U | 0.99 | 2.1    | U | 0.50 |  |
| Bromomethane                                  | NC                             | 2.2E+01                    | NC                             | 733                      | 0.78                | U | 0.20 | NR                  |   |     | NR                  |   |     | 3.1                 | U | 0.79 | 0.78                | U | 0.20 | NR                  |   |     | NR                  |   |     | 1.6                 | U | 0.40 | 0.78   | U | 0.20 |  |
| Carbon disulfide                              | NC                             | 3.1E+03                    | NC                             | 103,333                  | 23                  |   | 0.23 | NR                  |   |     | NR                  |   |     | 21                  | D | 0.92 | 1.6                 |   | 0.23 | NR                  |   |     | NR                  |   |     | 1.4                 | J | 0.46 | 12     |   | 0.23 |  |
| Carbon tetrachloride                          | 2.0E+00                        | 4.4E+02                    | 667                            | 14,667                   | 0.41                |   | 0.15 | NR                  |   |     | NR                  |   |     | 0.88                | U | 0.60 | 0.34                |   | 0.15 | NR                  |   |     | NR                  |   |     | 0.44                | U | 0.30 | 0.19   | J | 0.15 |  |
| Chlorobenzene                                 | NC                             | 2.2E+02                    | NC                             | 7,333                    | 0.92                | U | 0.26 | NR                  |   |     | NR                  |   |     | 3.7                 | U | 1.0  | 0.92                | U | 0.26 | NR                  |   |     | NR                  |   |     | 1.8                 | U | 0.52 | 0.92   | U | 0.26 |  |
| Chlorodifluoromethane                         | NC                             | 2.2E+05                    | NC                             | 7,333,333                | 1.8                 | U | 0.42 | NR                  |   |     | NR                  |   |     | 7.1                 | U | 1.7  | 1.8                 | U | 0.42 | NR                  |   |     | NR                  |   |     | 3.5                 | U | 0.85 | 1.8    | U | 0.42 |  |
| Chloroethane                                  | NC                             | 4.4E+04                    | NC                             | 1,466,667                | 4.9                 |   | 0.14 | NR                  |   |     | NR                  |   |     | 4.8                 | J | 0.57 | 1.3                 | U | 0.14 | NR                  |   |     | NR                  |   |     | 2.6                 | U | 0.28 | 1.3    | U | 0.14 |  |
| Chloroform                                    | 5.3E-01                        | 4.3E+02                    | 177                            | 14,333                   | 0.94                | J | 0.16 | NR                  |   |     | NR                  |   |     | 0.94                | J | 0.62 |                     |   |      |                     |   |     |                     |   |     |                     |   |      |        |   |      |  |

Table 2  
Summry of Soils Gas Analytical Results: December 2020  
Former McGraw-Edison Facility, Olean, New York

| Client ID                                     |                                |                            |                                |                          | SG-204              |   |      | SG-205              |   |      | SG-205              |   |     | SG-205              |   |     | SG-205              |   |     | SG-206              |   |      | SG-207              |   |      | TRIP BLANK |   |      |  |
|-----------------------------------------------|--------------------------------|----------------------------|--------------------------------|--------------------------|---------------------|---|------|---------------------|---|------|---------------------|---|-----|---------------------|---|-----|---------------------|---|-----|---------------------|---|------|---------------------|---|------|------------|---|------|--|
| Lab Sample ID                                 |                                |                            |                                |                          | 200-56451-4         |   |      | 200-56451-5         |   |      | 200-56451-5         |   |     | 200-56451-5         |   |     | 200-56451-6         |   |     | 200-56451-7         |   |      | 200-56451-8         |   |      |            |   |      |  |
| Sampling Date                                 |                                |                            |                                |                          | 12/09/2020 14:52:00 |   |      | 12/09/2020 14:53:00 |   |      | 12/09/2020 14:53:00 |   |     | 12/09/2020 14:53:00 |   |     | 12/09/2020 14:54:00 |   |     | 12/09/2020 14:54:00 |   |      | 12/09/2020 00:00:00 |   |      |            |   |      |  |
| Matrix                                        | Carcinogenic                   | Noncarcinogeni             | Carcinogenic                   | Noncarcinogenic          | Air                 |   |      | Air                 |   |      | Air                 |   |     | Air                 |   |     | Air                 |   |     | Air                 |   |      | Air                 |   |      |            |   |      |  |
| Dilution Factor                               | Indoor Air Screening Level     | Indoor Air Screening Level | Soil Gas Screening Level       | Soil Gas Screening Level | 1                   |   |      | 1                   |   |      | 15.4                |   |     | 1                   |   |     | 15.4                |   |     | 1                   |   |      | 1                   |   |      |            |   |      |  |
| Unit                                          | ug/m3                          | ug/m3                      | ug/m3                          | ug/m3                    | ug/m3               |   |      | ug/m3               |   |      | ug/m3               |   |     | ug/m3               |   |     | ug/m3               |   |     | ug/m3               |   |      | ug/m3               |   |      |            |   |      |  |
|                                               | Based on Cancer Risk of 1 E-06 |                            | Based on Cancer Risk of 1 E-05 |                          | Result              | Q | MDL  | Result              | Q | MDL  | Result              | Q | MDL | Secondary 1         | Q | MDL | Secondary 1         | Q | MDL | Result              | Q | MDL  | Result              | Q | MDL  | Result     | Q | MDL  |  |
| AIR BY TO-15                                  |                                |                            |                                |                          |                     |   |      |                     |   |      |                     |   |     |                     |   |     |                     |   |     |                     |   |      |                     |   |      |            |   |      |  |
| 1,1,1-Trichloroethane                         | NC                             | 2.2E+04                    | NC                             | 733,333                  | 1.1                 | U | 0.20 | 3.4                 |   | 0.20 | NR                  |   |     | NR                  |   |     | 3.2                 | J | 3.0 | 1.1                 | U | 0.20 | 1.1                 | U | 0.20 | 1.1        | U | 0.20 |  |
| 1,1,2,2-Tetrachloroethane                     | 2.1E-01                        | NE                         | 70                             | NE                       | 1.4                 | U | 0.29 | 1.4                 | U | 0.29 | NR                  |   |     | NR                  |   |     | 21                  | U | 4.4 | 1.4                 | U | 0.29 | 1.4                 | U | 0.29 | 1.4        | U | 0.29 |  |
| 1,1,2-Trichloroethane                         | 7.7E-01                        | NE                         | 257                            | NE                       | 1.1                 | U | 0.20 | 1.1                 | U | 0.20 | NR                  |   |     | NR                  |   |     | 17                  | U | 3.0 | 1.1                 | U | 0.20 | 1.1                 | U | 0.20 | 1.1        | U | 0.20 |  |
| 1,1,2-Trichlorotrifluoroethane                | NC                             | 2.2E+04                    | NC                             | 733,333                  | 0.46                | J | 0.29 | 1.0                 | J | 0.29 | NR                  |   |     | NR                  |   |     | 24                  | U | 4.5 | 0.68                | J | 0.29 | 0.59                | J | 0.29 | 1.5        | U | 0.29 |  |
| 1,1-Dichloroethane                            | 7.7E+00                        | NE                         | 2,567                          | NE                       | 0.81                | U | 0.17 | 0.81                | U | 0.17 | NR                  |   |     | NR                  |   |     | 12                  | U | 2.6 | 0.81                | U | 0.17 | 0.81                | U | 0.17 | 0.81       | U | 0.17 |  |
| 1,1-Dichloroethene                            | NC                             | 8.8E+02                    | NC                             | 29,333                   | 0.20                | U | 0.15 | 0.20                | U | 0.15 | NR                  |   |     | NR                  |   |     | 3.1                 | U | 2.4 | 0.20                | U | 0.15 | 0.20                | U | 0.15 | 0.20       | U | 0.15 |  |
| 1,2,4-Trichlorobenzene                        | NC                             | 8.8E+00                    | NC                             | 293                      | 3.7                 | U | 1.6  | 3.7                 | U | 1.6  | NR                  |   |     | NR                  |   |     | 57                  | U | 25  | 3.7                 | U | 1.6  | 3.7                 | U | 1.6  | 3.7        | U | 1.6  |  |
| 1,2,4-Trimethylbenzene                        | NC                             | 2.6E+02                    | NC                             | 8,667                    | 0.87                | J | 0.22 | 21                  |   | 0.22 | NR                  |   |     | NR                  |   |     | 15                  | D | 3.3 | 5.3                 |   | 0.22 | 0.33                | J | 0.22 | 0.98       | U | 0.22 |  |
| 1,2-Dibromoethane                             | 2.0E-02                        | 3.9E+01                    | 6.7                            | 1,300                    | 1.5                 | U | 0.38 | 1.5                 | U | 0.38 | NR                  |   |     | NR                  |   |     | 24                  | U | 5.8 | 1.5                 | U | 0.38 | 1.5                 | U | 0.38 | 1.5        | U | 0.38 |  |
| 1,2-Dichlorobenzene                           | NC                             | 8.8E+02                    | NC                             | 29,333                   | 1.2                 | U | 0.58 | 1.2                 | U | 0.58 | NR                  |   |     | NR                  |   |     | 19                  | U | 9.0 | 1.2                 | U | 0.58 | 1.2                 | U | 0.58 | 1.2        | U | 0.58 |  |
| 1,2-Dichloroethane                            | 4.7E-01                        | NE                         | 157                            | NE                       | 0.81                | U | 0.13 | 0.81                | U | 0.13 | NR                  |   |     | NR                  |   |     | 12                  | U | 2.0 | 0.81                | U | 0.13 | 0.81                | U | 0.13 | 0.81       | U | 0.13 |  |
| 1,2-Dichloropropane                           | 3.3E+00                        | 1.8E+01                    | 1,100                          | 600                      | 0.92                | U | 0.15 | 0.92                | U | 0.15 | NR                  |   |     | NR                  |   |     | 14                  | U | 2.3 | 0.92                | U | 0.15 | 0.92                | U | 0.15 | 0.92       | U | 0.15 |  |
| 1,2-Dichlorotetrafluoroethane                 | NE                             | NE                         | NE                             | NE                       | 1.4                 | U | 0.24 | 1.4                 | U | 0.24 | NR                  |   |     | NR                  |   |     | 22                  | U | 3.8 | 1.4                 | U | 0.24 | 1.4                 | U | 0.24 | 1.4        | U | 0.24 |  |
| 1,3,5-Trimethylbenzene                        | NC                             | 2.6E+02                    | NC                             | 8,667                    | 0.98                | U | 0.19 | 10                  |   | 0.19 | NR                  |   |     | NR                  |   |     | 7.9                 | J | 3.0 | 2.2                 |   | 0.19 | 0.98                | U | 0.19 | 0.98       | U | 0.19 |  |
| 1,3-Butadiene                                 | 4.1E-01                        | 8.8E+00                    | 137                            | 293                      | 0.81                |   | 0.13 | 17                  |   | 0.13 | NR                  |   |     | NR                  |   |     | 18                  | D | 1.9 | 9.2                 |   | 0.13 | 2.8                 |   | 0.13 | 0.44       | U | 0.13 |  |
| 1,3-Dichlorobenzene                           | NE                             | NE                         | NE                             | NE                       | 1.2                 | U | 0.66 | 1.2                 | U | 0.66 | NR                  |   |     | NR                  |   |     | 19                  | U | 10  | 1.2                 | U | 0.66 | 1.2                 | U | 0.66 | 1.2        | U | 0.66 |  |
| 1,4-Dichlorobenzene                           | 1.1E+00                        | 3.5E+03                    | 367                            | 116,667                  | 1.2                 | U | 0.72 | 1.2                 | U | 0.72 | NR                  |   |     | NR                  |   |     | 19                  | U | 11  | 1.2                 | U | 0.72 | 1.2                 | U | 0.72 | 1.2        | U | 0.72 |  |
| 1,4-Dioxane                                   | 2.5E+00                        | 1.3E+02                    | 833                            | 4,333                    | 18                  | U | 0.30 | 18                  | U | 0.30 | NR                  |   |     | NR                  |   |     | 280                 | U | 4.7 | 18                  | U | 0.30 | 18                  | U | 0.30 | 18         | U | 0.30 |  |
| 2,2,4-Trimethylpentane                        | NE                             | NE                         | NE                             | NE                       | 0.93                | U | 0.19 | 15                  |   | 0.19 | NR                  |   |     | NR                  |   |     | 13                  | J | 2.9 | 4.1                 |   | 0.19 | 0.93                | U | 0.19 | 0.93       | U | 0.19 |  |
| 2-Chlorotoluene                               | NE                             | NE                         | NE                             | NE                       | 1.0                 | U | 0.22 | 1.0                 | U | 0.22 | NR                  |   |     | NR                  |   |     | 16                  | U | 3.3 | 1.0                 | U | 0.22 | 1.0                 | U | 0.22 | 1.0        | U | 0.22 |  |
| 3-Chloropropene                               | NE                             | NE                         | NE                             | NE                       | 1.6                 | U | 0.20 | 1.6                 | U | 0.20 | NR                  |   |     | NR                  |   |     | 24                  | U | 3.1 | 1.6                 | U | 0.20 | 1.6                 | U | 0.20 | 1.6        | U | 0.20 |  |
| 4-Ethyltoluene                                | NE                             | NE                         | NE                             | NE                       | 0.98                | U | 0.20 | 6.8                 |   | 0.20 | NR                  |   |     | NR                  |   |     | 4.5                 | J | 3.1 | 1.2                 |   | 0.20 | 0.98                | U | 0.20 | 0.98       | U | 0.20 |  |
| 4-Isopropyltoluene                            | NE                             | NE                         | NE                             | NE                       | 0.87                | J | 0.21 | 0.94                | J | 0.21 | NR                  |   |     | NR                  |   |     | 17                  | U | 3.3 | 0.27                | J | 0.21 | 1.1                 | U | 0.21 | 1.1        | U | 0.21 |  |
| 4-Methyl-2-pentanone (Methyl isobutyl ketone) | NC                             | 1.3E+04                    | NC                             | 433,333                  | 1.1                 | J | 0.15 | 2.6                 |   | 0.15 | NR                  |   |     | NR                  |   |     | 32                  | U | 2.3 | 2.6                 |   | 0.15 | 0.69                | J | 0.15 | 2.0        | U | 0.15 |  |
| Acetone                                       | 1.4E+05                        | NE                         | 46,666,667                     | NE                       | 11                  | J | 2.9  | 24                  |   | 2.9  | NR                  |   |     | NR                  |   |     | 180                 | U | 44  | 23                  |   | 2.9  | 12                  |   | 2.9  | 12         | U | 2.9  |  |
| Benzene                                       | 1.6E+00                        | 1.3E+02                    | 533                            | 4,333                    | 2.7                 |   | 0.21 | 19                  |   | 0.21 | NR                  |   |     | NR                  |   |     | 20                  | D | 3.3 | 10                  |   | 0.21 | 1.7                 |   | 0.21 | 0.64       | U | 0.21 |  |
| Benzyl chloride                               | 2.5E-01                        | 4.4E+00                    | 83                             | 147                      | 1.0                 | U | 0.44 | 1.0                 | U | 0.44 | NR                  |   |     | NR                  |   |     | 16                  | U | 6.8 | 1.0                 | U | 0.44 | 1.0                 | U | 0.44 | 1.0        | U | 0.44 |  |
| Bromodichloromethane                          | 3.3E-01                        | NE                         | 110                            | NE                       | 1.3                 | U | 0.23 | 1.3                 | U | 0.23 | NR                  |   |     | NR                  |   |     | 21                  | U | 3.6 | 1.3                 | U | 0.23 | 1.3                 | U | 0.23 | 1.3        | U | 0.23 |  |
| Bromoethene(Vinyl Bromide)                    | 8.2E-01                        | 1.3E+01                    | 273                            | 433                      | 0.87                | U | 0.23 | 0.87                | U | 0.23 | NR                  |   |     | NR                  |   |     | 13                  | U | 3.5 | 0.87                | U | 0.23 | 0.87                | U | 0.23 | 0.87       | U | 0.23 |  |
| Bromoform                                     | 1.1E+01                        | NE                         | 3,667                          | NE                       | 2.1                 | U | 0.50 | 2.1                 | U | 0.50 | NR                  |   |     | NR                  |   |     | 32                  | U | 7.6 | 2.1                 | U | 0.50 | 2.1                 | U | 0.50 | 2.1        | U | 0.50 |  |
| Bromomethane                                  | NC                             | 2.2E+01                    | NC                             | 733                      | 0.78                | U | 0.20 | 0.78                | U | 0.20 | NR                  |   |     | NR                  |   |     | 12                  | U | 3.0 | 0.78                | U | 0.20 | 0.78                | U | 0.20 | 0.78       | U | 0.20 |  |
| Carbon disulfide                              | NC                             | 3.1E+03                    | NC                             | 103,333                  | 4.4                 |   | 0.23 | 12                  |   | 0.23 | NR                  |   |     | NR                  |   |     | 14                  | J | 3.5 | 7.9                 |   | 0.23 | 3.3                 |   | 0.23 | 1.6        | U | 0.23 |  |
| Carbon tetrachloride                          | 2.0E+00                        | 4.4E+02                    | 667                            | 14,667                   | 0.22                | U | 0.15 | 0.39                |   | 0.15 | NR                  |   |     | NR                  |   |     | 3.4                 | U | 2.3 | 0.22                | U | 0.15 | 0.35                |   | 0.15 | 0.22       | U | 0.15 |  |
| Chlorobenzene                                 | NC                             | 2.2E+02                    | NC                             | 7,333                    | 0.92                | U | 0.26 | 0.92                | U | 0.26 | NR                  |   |     | NR                  |   |     | 14                  | U | 4.0 | 0.92                | U | 0.26 | 0.92                | U | 0.26 | 0.92       | U | 0.26 |  |
| Chlorodifluoromethane                         | NC                             | 2.2E+05                    | NC                             | 7,333,333                | 1.8                 | U | 0.42 | 1.8                 | U | 0.42 | NR                  |   |     | NR                  |   |     | 27                  | U | 6.5 | 1.8                 | U | 0.42 | 0.79                | J | 0.42 | 1.8        | U | 0.42 |  |
| Chloroethane                                  | NC                             | 4.4E+04                    | NC                             | 1,466,667                | 1.3                 | U | 0.14 | 0.21                | J | 0.14 | NR                  |   |     | NR                  |   |     | 20                  | U | 2.2 | 1.3                 | U | 0.14 | 1.3                 | U | 0.14 | 1.3        | U | 0.14 |  |
| Chloroform                                    | 5.3E-01                        | 4.3E+02                    | 177                            | 14,333                   | 0.25                | J | 0.16 | 0.46                | J | 0.16 | NR                  |   |     | NR                  |   |     | 15                  | U | 2.4 | 0.98                | U | 0.16 | 0.98                | U | 0.16 | 0.98       | U | 0.16 |  |
| Chloromethane                                 | NC                             | 3.9E+02                    | NC                             | 13,000                   | 1.0                 | U | 0.23 | 0.77                | J | 0.23 | NR                  |   |     | NR                  |   |     | 16                  | U | 3.5 | 1.0                 | U | 0.23 | 0.94                | J | 0.23 | 1.0        | U | 0.23 |  |
| cis-1,2-Dichloroethene                        | NE                             | NE                         | NE                             | NE                       | 0.20                | U | 0.18 | 0.20                | U | 0.18 | NR                  |   |     | NR                  |   |     | 3.1                 | U | 2.7 |                     |   |      |                     |   |      |            |   |      |  |

# **Laboratory Analytical Report**

## **December 2020**



## ANALYTICAL REPORT

Job Number: 200-56451-1

SDG Number: 200-56451-1

Job Description: Easton Cooper Industries

For:

Stantec Consulting Services Inc

5 Burlington Woods Dr

Suite 210

Burlington, MA 01803

Attention: Mr. Craig Gendron



Approved for release.  
Kathryn A Kelly  
Project Manager II  
12/31/2020 1:50 PM

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Kathryn A Kelly, Project Manager II  
530 Community Drive, South Burlington, VT, 05403  
(802)923-1021  
Kathryn.Kelly@Eurofinset.com  
12/31/2020

The test results in this report relate only to sample(s) as received by the laboratory. These test results were derived under a quality system that adheres to the requirements of NELAC. Pursuant to NELAC, this report may not be produced in full without written approval from the laboratory

The test results in this report relate only to the samples as received by the laboratory and will meet all requirements of the methodology, with any exceptions noted. This report shall not be reproduced except in full, without the express written approval of the laboratory. All questions should be directed to the Eurofins TestAmerica Project Manager.

This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

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# Definitions/Glossary

Client: Stantec Consulting Services Inc  
Project/Site: Easton Cooper Industries

Job ID: 200-56451-1  
SDG: 200-56451-1

## Qualifiers

### Air - GC/MS VOA

| Qualifier | Qualifier Description                                                                                                               |
|-----------|-------------------------------------------------------------------------------------------------------------------------------------|
| D         | Sample results are obtained from a dilution; the surrogate or matrix spike recoveries reported are calculated from diluted samples. |
| E         | Result exceeded calibration range.                                                                                                  |
| 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.                                 |
|----------------|-------------------------------------------------------------------------------------------------------------|
| α              | 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: Stantec Consulting Services Inc**

**Project: Easton Cooper Industries**

**Report Number: 200-56451-1**

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 12/10/2020; the samples arrived in good condition.

### **VOLATILE ORGANIC COMPOUNDS**

Samples SG-201, SG-202, SG-203, SG-204, SG-205, SG-206, SG-207 and TRIP BLANK were analyzed for Volatile Organic Compounds in accordance with EPA Method TO-15. The samples were analyzed on 12/18/2020, 12/19/2020 and 12/21/2020.

Samples SG-201[4X], SG-202[2X] and SG-205[15.4X] required dilution prior to analysis. The reporting limits have been adjusted accordingly.

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

# Detection Summary

Client: Stantec Consulting Services Inc  
Project/Site: Easton Cooper Industries

Job ID: 200-56451-1  
SDG: 200-56451-1

**Client Sample ID: SG-201**

**Lab Sample ID: 200-56451-1**

| Analyte                                       | Result | Qualifier | RL   | MDL  | Unit  | Dil | Fac | D | Method | Prep Type |
|-----------------------------------------------|--------|-----------|------|------|-------|-----|-----|---|--------|-----------|
| Dichlorodifluoromethane                       | 1.9    | J         | 2.5  | 0.54 | ug/m3 | 1   |     |   | TO-15  | Total/NA  |
| Chloromethane                                 | 0.88   | J         | 1.0  | 0.23 | ug/m3 | 1   |     |   | TO-15  | Total/NA  |
| n-Butane                                      | 110    | E         | 1.2  | 0.26 | ug/m3 | 1   |     |   | TO-15  | Total/NA  |
| 1,3-Butadiene                                 | 15     |           | 0.44 | 0.13 | ug/m3 | 1   |     |   | TO-15  | Total/NA  |
| Chloroethane                                  | 4.9    |           | 1.3  | 0.14 | ug/m3 | 1   |     |   | TO-15  | Total/NA  |
| Trichlorofluoromethane                        | 1.4    |           | 1.1  | 0.34 | ug/m3 | 1   |     |   | TO-15  | Total/NA  |
| 1,1,2-Trichlorotrifluoroethane                | 12     |           | 1.5  | 0.29 | ug/m3 | 1   |     |   | TO-15  | Total/NA  |
| 1,1-Dichloroethene                            | 1.6    |           | 0.20 | 0.15 | ug/m3 | 1   |     |   | TO-15  | Total/NA  |
| Acetone                                       | 24     |           | 12   | 2.9  | ug/m3 | 1   |     |   | TO-15  | Total/NA  |
| Isopropyl alcohol                             | 2.2    | J         | 12   | 1.2  | ug/m3 | 1   |     |   | TO-15  | Total/NA  |
| Carbon disulfide                              | 23     |           | 1.6  | 0.23 | ug/m3 | 1   |     |   | TO-15  | Total/NA  |
| tert-Butyl alcohol                            | 0.51   | J         | 15   | 0.12 | ug/m3 | 1   |     |   | TO-15  | Total/NA  |
| n-Hexane                                      | 28     |           | 0.70 | 0.70 | ug/m3 | 1   |     |   | TO-15  | Total/NA  |
| 1,1-Dichloroethane                            | 32     |           | 0.81 | 0.17 | ug/m3 | 1   |     |   | TO-15  | Total/NA  |
| Methyl Ethyl Ketone (2-Butanone)              | 6.8    |           | 1.5  | 0.21 | ug/m3 | 1   |     |   | TO-15  | Total/NA  |
| cis-1,2-Dichloroethene                        | 10     |           | 0.20 | 0.18 | ug/m3 | 1   |     |   | TO-15  | Total/NA  |
| Chloroform                                    | 0.94   | J         | 0.98 | 0.16 | ug/m3 | 1   |     |   | TO-15  | Total/NA  |
| 1,1,1-Trichloroethane                         | 53     |           | 1.1  | 0.20 | ug/m3 | 1   |     |   | TO-15  | Total/NA  |
| Cyclohexane                                   | 4.2    |           | 0.69 | 0.16 | ug/m3 | 1   |     |   | TO-15  | Total/NA  |
| Carbon tetrachloride                          | 0.41   |           | 0.22 | 0.15 | ug/m3 | 1   |     |   | TO-15  | Total/NA  |
| 2,2,4-Trimethylpentane                        | 18     |           | 0.93 | 0.19 | ug/m3 | 1   |     |   | TO-15  | Total/NA  |
| Benzene                                       | 8.0    |           | 0.64 | 0.21 | ug/m3 | 1   |     |   | TO-15  | Total/NA  |
| n-Heptane                                     | 26     |           | 0.82 | 0.23 | ug/m3 | 1   |     |   | TO-15  | Total/NA  |
| Trichloroethene                               | 24     |           | 0.20 | 0.19 | ug/m3 | 1   |     |   | TO-15  | Total/NA  |
| 4-Methyl-2-pentanone (Methyl isobutyl ketone) | 2.7    |           | 2.0  | 0.15 | ug/m3 | 1   |     |   | TO-15  | Total/NA  |
| Toluene                                       | 23     |           | 0.75 | 0.41 | ug/m3 | 1   |     |   | TO-15  | Total/NA  |
| Tetrachloroethene                             | 580    | E         | 1.4  | 0.22 | ug/m3 | 1   |     |   | TO-15  | Total/NA  |
| Ethylbenzene                                  | 30     |           | 0.87 | 0.27 | ug/m3 | 1   |     |   | TO-15  | Total/NA  |
| m,p-Xylene                                    | 140    |           | 2.2  | 0.43 | ug/m3 | 1   |     |   | TO-15  | Total/NA  |
| o-Xylene                                      | 69     |           | 0.87 | 0.21 | ug/m3 | 1   |     |   | TO-15  | Total/NA  |
| n-Propylbenzene                               | 3.0    |           | 0.98 | 0.19 | ug/m3 | 1   |     |   | TO-15  | Total/NA  |
| 4-Ethyltoluene                                | 4.2    |           | 0.98 | 0.20 | ug/m3 | 1   |     |   | TO-15  | Total/NA  |
| 1,3,5-Trimethylbenzene                        | 4.6    |           | 0.98 | 0.19 | ug/m3 | 1   |     |   | TO-15  | Total/NA  |
| 1,2,4-Trimethylbenzene                        | 16     |           | 0.98 | 0.22 | ug/m3 | 1   |     |   | TO-15  | Total/NA  |
| sec-Butylbenzene                              | 0.50   | J         | 1.1  | 0.19 | ug/m3 | 1   |     |   | TO-15  | Total/NA  |
| 4-Isopropyltoluene                            | 2.1    |           | 1.1  | 0.21 | ug/m3 | 1   |     |   | TO-15  | Total/NA  |
| n-Butylbenzene                                | 1.0    | J         | 1.1  | 0.21 | ug/m3 | 1   |     |   | TO-15  | Total/NA  |
| Naphthalene                                   | 2.5    | J         | 2.6  | 0.89 | ug/m3 | 1   |     |   | TO-15  | Total/NA  |
| Dichlorodifluoromethane - DL                  | 2.4    | J D       | 9.9  | 2.2  | ug/m3 | 4   |     |   | TO-15  | Total/NA  |
| n-Butane - DL                                 | 100    | D         | 4.8  | 1.0  | ug/m3 | 4   |     |   | TO-15  | Total/NA  |
| 1,3-Butadiene - DL                            | 13     | D         | 1.8  | 0.50 | ug/m3 | 4   |     |   | TO-15  | Total/NA  |
| Chloroethane - DL                             | 4.8    | J D       | 5.3  | 0.57 | ug/m3 | 4   |     |   | TO-15  | Total/NA  |
| Trichlorofluoromethane - DL                   | 1.4    | J D       | 4.5  | 1.3  | ug/m3 | 4   |     |   | TO-15  | Total/NA  |
| 1,1,2-Trichlorotrifluoroethane - DL           | 11     | D         | 6.1  | 1.2  | ug/m3 | 4   |     |   | TO-15  | Total/NA  |
| 1,1-Dichloroethene - DL                       | 1.4    | D         | 0.80 | 0.62 | ug/m3 | 4   |     |   | TO-15  | Total/NA  |
| Acetone - DL                                  | 21     | J D       | 48   | 11   | ug/m3 | 4   |     |   | TO-15  | Total/NA  |
| Carbon disulfide - DL                         | 21     | D         | 6.2  | 0.92 | ug/m3 | 4   |     |   | TO-15  | Total/NA  |
| n-Hexane - DL                                 | 24     | D         | 2.8  | 2.8  | ug/m3 | 4   |     |   | TO-15  | Total/NA  |
| 1,1-Dichloroethane - DL                       | 29     | D         | 3.2  | 0.66 | ug/m3 | 4   |     |   | TO-15  | Total/NA  |
| Methyl Ethyl Ketone (2-Butanone) - DL         | 5.0    | J D       | 5.9  | 0.85 | ug/m3 | 4   |     |   | TO-15  | Total/NA  |

This Detection Summary does not include radiochemical test results.

Eurofins TestAmerica, Burlington

# Detection Summary

Client: Stantec Consulting Services Inc  
Project/Site: Easton Cooper Industries

Job ID: 200-56451-1  
SDG: 200-56451-1

Client Sample ID: SG-201 (Continued)

Lab Sample ID: 200-56451-1

| Analyte                                            | Result | Qualifier | RL    | MDL   | Unit    | Dil | Fac | D | Method | Prep Type |
|----------------------------------------------------|--------|-----------|-------|-------|---------|-----|-----|---|--------|-----------|
| cis-1,2-Dichloroethene - DL                        | 8.8    | D         | 0.80  | 0.71  | ug/m3   | 4   |     |   | TO-15  | Total/NA  |
| Chloroform - DL                                    | 0.94   | J D       | 3.9   | 0.62  | ug/m3   | 4   |     |   | TO-15  | Total/NA  |
| 1,1,1-Trichloroethane - DL                         | 46     | D         | 4.4   | 0.79  | ug/m3   | 4   |     |   | TO-15  | Total/NA  |
| Cyclohexane - DL                                   | 3.9    | D         | 2.8   | 0.63  | ug/m3   | 4   |     |   | TO-15  | Total/NA  |
| 2,2,4-Trimethylpentane - DL                        | 15     | D         | 3.7   | 0.77  | ug/m3   | 4   |     |   | TO-15  | Total/NA  |
| Benzene - DL                                       | 7.4    | D         | 2.6   | 0.86  | ug/m3   | 4   |     |   | TO-15  | Total/NA  |
| n-Heptane - DL                                     | 21     | D         | 3.3   | 0.92  | ug/m3   | 4   |     |   | TO-15  | Total/NA  |
| Trichloroethene - DL                               | 21     | D         | 0.80  | 0.75  | ug/m3   | 4   |     |   | TO-15  | Total/NA  |
| 4-Methyl-2-pentanone (Methyl isobutyl ketone) - DL | 1.7    | J D       | 8.2   | 0.59  | ug/m3   | 4   |     |   | TO-15  | Total/NA  |
| Toluene - DL                                       | 22     | D         | 3.0   | 1.7   | ug/m3   | 4   |     |   | TO-15  | Total/NA  |
| Tetrachloroethene - DL                             | 540    | D         | 5.4   | 0.90  | ug/m3   | 4   |     |   | TO-15  | Total/NA  |
| Ethylbenzene - DL                                  | 26     | D         | 3.5   | 1.1   | ug/m3   | 4   |     |   | TO-15  | Total/NA  |
| m,p-Xylene - DL                                    | 130    | D         | 8.7   | 1.7   | ug/m3   | 4   |     |   | TO-15  | Total/NA  |
| o-Xylene - DL                                      | 63     | D         | 3.5   | 0.83  | ug/m3   | 4   |     |   | TO-15  | Total/NA  |
| n-Propylbenzene - DL                               | 2.4    | J D       | 3.9   | 0.77  | ug/m3   | 4   |     |   | TO-15  | Total/NA  |
| 4-Ethyltoluene - DL                                | 3.4    | J D       | 3.9   | 0.81  | ug/m3   | 4   |     |   | TO-15  | Total/NA  |
| 1,3,5-Trimethylbenzene - DL                        | 3.8    | J D       | 3.9   | 0.77  | ug/m3   | 4   |     |   | TO-15  | Total/NA  |
| 1,2,4-Trimethylbenzene - DL                        | 13     | D         | 3.9   | 0.87  | ug/m3   | 4   |     |   | TO-15  | Total/NA  |
| 4-Isopropyltoluene - DL                            | 1.8    | J D       | 4.4   | 0.86  | ug/m3   | 4   |     |   | TO-15  | Total/NA  |
| Analyte                                            | Result | Qualifier | RL    | MDL   | Unit    | Dil | Fac | D | Method | Prep Type |
| Dichlorodifluoromethane                            | 0.39   | J         | 0.50  | 0.11  | ppb v/v | 1   |     |   | TO-15  | Total/NA  |
| Chloromethane                                      | 0.43   | J         | 0.50  | 0.11  | ppb v/v | 1   |     |   | TO-15  | Total/NA  |
| n-Butane                                           | 46     | E         | 0.50  | 0.11  | ppb v/v | 1   |     |   | TO-15  | Total/NA  |
| 1,3-Butadiene                                      | 7.0    |           | 0.20  | 0.057 | ppb v/v | 1   |     |   | TO-15  | Total/NA  |
| Chloroethane                                       | 1.9    |           | 0.50  | 0.054 | ppb v/v | 1   |     |   | TO-15  | Total/NA  |
| Trichlorofluoromethane                             | 0.24   |           | 0.20  | 0.060 | ppb v/v | 1   |     |   | TO-15  | Total/NA  |
| 1,1,2-Trichlorotrifluoroethane                     | 1.6    |           | 0.20  | 0.038 | ppb v/v | 1   |     |   | TO-15  | Total/NA  |
| 1,1-Dichloroethene                                 | 0.39   |           | 0.050 | 0.039 | ppb v/v | 1   |     |   | TO-15  | Total/NA  |
| Acetone                                            | 10     |           | 5.0   | 1.2   | ppb v/v | 1   |     |   | TO-15  | Total/NA  |
| Isopropyl alcohol                                  | 0.88   | J         | 5.0   | 0.48  | ppb v/v | 1   |     |   | TO-15  | Total/NA  |
| Carbon disulfide                                   | 7.4    |           | 0.50  | 0.074 | ppb v/v | 1   |     |   | TO-15  | Total/NA  |
| tert-Butyl alcohol                                 | 0.17   | J         | 5.0   | 0.038 | ppb v/v | 1   |     |   | TO-15  | Total/NA  |
| n-Hexane                                           | 7.9    |           | 0.20  | 0.20  | ppb v/v | 1   |     |   | TO-15  | Total/NA  |
| 1,1-Dichloroethane                                 | 7.9    |           | 0.20  | 0.041 | ppb v/v | 1   |     |   | TO-15  | Total/NA  |
| Methyl Ethyl Ketone (2-Butanone)                   | 2.3    |           | 0.50  | 0.072 | ppb v/v | 1   |     |   | TO-15  | Total/NA  |
| cis-1,2-Dichloroethene                             | 2.6    |           | 0.050 | 0.045 | ppb v/v | 1   |     |   | TO-15  | Total/NA  |
| Chloroform                                         | 0.19   | J         | 0.20  | 0.032 | ppb v/v | 1   |     |   | TO-15  | Total/NA  |
| 1,1,1-Trichloroethane                              | 9.8    |           | 0.20  | 0.036 | ppb v/v | 1   |     |   | TO-15  | Total/NA  |
| Cyclohexane                                        | 1.2    |           | 0.20  | 0.046 | ppb v/v | 1   |     |   | TO-15  | Total/NA  |
| Carbon tetrachloride                               | 0.064  |           | 0.035 | 0.024 | ppb v/v | 1   |     |   | TO-15  | Total/NA  |
| 2,2,4-Trimethylpentane                             | 3.7    |           | 0.20  | 0.041 | ppb v/v | 1   |     |   | TO-15  | Total/NA  |
| Benzene                                            | 2.5    |           | 0.20  | 0.067 | ppb v/v | 1   |     |   | TO-15  | Total/NA  |
| n-Heptane                                          | 6.2    |           | 0.20  | 0.056 | ppb v/v | 1   |     |   | TO-15  | Total/NA  |
| Trichloroethene                                    | 4.4    |           | 0.037 | 0.035 | ppb v/v | 1   |     |   | TO-15  | Total/NA  |
| 4-Methyl-2-pentanone (Methyl isobutyl ketone)      | 0.65   |           | 0.50  | 0.036 | ppb v/v | 1   |     |   | TO-15  | Total/NA  |
| Toluene                                            | 6.2    |           | 0.20  | 0.11  | ppb v/v | 1   |     |   | TO-15  | Total/NA  |
| Tetrachloroethene                                  | 85     | E         | 0.20  | 0.033 | ppb v/v | 1   |     |   | TO-15  | Total/NA  |
| Ethylbenzene                                       | 6.8    |           | 0.20  | 0.063 | ppb v/v | 1   |     |   | TO-15  | Total/NA  |
| m,p-Xylene                                         | 33     |           | 0.50  | 0.10  | ppb v/v | 1   |     |   | TO-15  | Total/NA  |

This Detection Summary does not include radiochemical test results.

Eurofins TestAmerica, Burlington

# Detection Summary

Client: Stantec Consulting Services Inc  
Project/Site: Easton Cooper Industries

Job ID: 200-56451-1  
SDG: 200-56451-1

**Client Sample ID: SG-201 (Continued)**

**Lab Sample ID: 200-56451-1**

| Analyte                                            | Result | Qualifier | RL   | MDL   | Unit    | Dil Fac | D | Method | Prep Type |
|----------------------------------------------------|--------|-----------|------|-------|---------|---------|---|--------|-----------|
| o-Xylene                                           | 16     |           | 0.20 | 0.048 | ppb v/v | 1       |   | TO-15  | Total/NA  |
| n-Propylbenzene                                    | 0.61   |           | 0.20 | 0.039 | ppb v/v | 1       |   | TO-15  | Total/NA  |
| 4-Ethyltoluene                                     | 0.85   |           | 0.20 | 0.041 | ppb v/v | 1       |   | TO-15  | Total/NA  |
| 1,3,5-Trimethylbenzene                             | 0.94   |           | 0.20 | 0.039 | ppb v/v | 1       |   | TO-15  | Total/NA  |
| 1,2,4-Trimethylbenzene                             | 3.4    |           | 0.20 | 0.044 | ppb v/v | 1       |   | TO-15  | Total/NA  |
| sec-Butylbenzene                                   | 0.092  | J         | 0.20 | 0.035 | ppb v/v | 1       |   | TO-15  | Total/NA  |
| 4-Isopropyltoluene                                 | 0.39   |           | 0.20 | 0.039 | ppb v/v | 1       |   | TO-15  | Total/NA  |
| n-Butylbenzene                                     | 0.19   | J         | 0.20 | 0.039 | ppb v/v | 1       |   | TO-15  | Total/NA  |
| Naphthalene                                        | 0.48   | J         | 0.50 | 0.17  | ppb v/v | 1       |   | TO-15  | Total/NA  |
| Dichlorodifluoromethane - DL                       | 0.48   | J D       | 2.0  | 0.44  | ppb v/v | 4       |   | TO-15  | Total/NA  |
| n-Butane - DL                                      | 42     | D         | 2.0  | 0.44  | ppb v/v | 4       |   | TO-15  | Total/NA  |
| 1,3-Butadiene - DL                                 | 6.1    | D         | 0.80 | 0.23  | ppb v/v | 4       |   | TO-15  | Total/NA  |
| Chloroethane - DL                                  | 1.8    | J D       | 2.0  | 0.22  | ppb v/v | 4       |   | TO-15  | Total/NA  |
| Trichlorofluoromethane - DL                        | 0.25   | J D       | 0.80 | 0.24  | ppb v/v | 4       |   | TO-15  | Total/NA  |
| 1,1,2-Trichlorotrifluoroethane - DL                | 1.5    | D         | 0.80 | 0.15  | ppb v/v | 4       |   | TO-15  | Total/NA  |
| 1,1-Dichloroethene - DL                            | 0.35   | D         | 0.20 | 0.16  | ppb v/v | 4       |   | TO-15  | Total/NA  |
| Acetone - DL                                       | 8.6    | J D       | 20   | 4.8   | ppb v/v | 4       |   | TO-15  | Total/NA  |
| Carbon disulfide - DL                              | 6.9    | D         | 2.0  | 0.30  | ppb v/v | 4       |   | TO-15  | Total/NA  |
| n-Hexane - DL                                      | 6.8    | D         | 0.80 | 0.80  | ppb v/v | 4       |   | TO-15  | Total/NA  |
| 1,1-Dichloroethane - DL                            | 7.1    | D         | 0.80 | 0.16  | ppb v/v | 4       |   | TO-15  | Total/NA  |
| Methyl Ethyl Ketone (2-Butanone) - DL              | 1.7    | J D       | 2.0  | 0.29  | ppb v/v | 4       |   | TO-15  | Total/NA  |
| cis-1,2-Dichloroethene - DL                        | 2.2    | D         | 0.20 | 0.18  | ppb v/v | 4       |   | TO-15  | Total/NA  |
| Chloroform - DL                                    | 0.19   | J D       | 0.80 | 0.13  | ppb v/v | 4       |   | TO-15  | Total/NA  |
| 1,1,1-Trichloroethane - DL                         | 8.5    | D         | 0.80 | 0.14  | ppb v/v | 4       |   | TO-15  | Total/NA  |
| Cyclohexane - DL                                   | 1.1    | D         | 0.80 | 0.18  | ppb v/v | 4       |   | TO-15  | Total/NA  |
| 2,2,4-Trimethylpentane - DL                        | 3.2    | D         | 0.80 | 0.16  | ppb v/v | 4       |   | TO-15  | Total/NA  |
| Benzene - DL                                       | 2.3    | D         | 0.80 | 0.27  | ppb v/v | 4       |   | TO-15  | Total/NA  |
| n-Heptane - DL                                     | 5.2    | D         | 0.80 | 0.22  | ppb v/v | 4       |   | TO-15  | Total/NA  |
| Trichloroethene - DL                               | 4.0    | D         | 0.15 | 0.14  | ppb v/v | 4       |   | TO-15  | Total/NA  |
| 4-Methyl-2-pentanone (Methyl isobutyl ketone) - DL | 0.41   | J D       | 2.0  | 0.14  | ppb v/v | 4       |   | TO-15  | Total/NA  |
| Toluene - DL                                       | 5.9    | D         | 0.80 | 0.44  | ppb v/v | 4       |   | TO-15  | Total/NA  |
| Tetrachloroethene - DL                             | 79     | D         | 0.80 | 0.13  | ppb v/v | 4       |   | TO-15  | Total/NA  |
| Ethylbenzene - DL                                  | 5.9    | D         | 0.80 | 0.25  | ppb v/v | 4       |   | TO-15  | Total/NA  |
| m,p-Xylene - DL                                    | 30     | D         | 2.0  | 0.40  | ppb v/v | 4       |   | TO-15  | Total/NA  |
| o-Xylene - DL                                      | 15     | D         | 0.80 | 0.19  | ppb v/v | 4       |   | TO-15  | Total/NA  |
| n-Propylbenzene - DL                               | 0.50   | J D       | 0.80 | 0.16  | ppb v/v | 4       |   | TO-15  | Total/NA  |
| 4-Ethyltoluene - DL                                | 0.68   | J D       | 0.80 | 0.16  | ppb v/v | 4       |   | TO-15  | Total/NA  |
| 1,3,5-Trimethylbenzene - DL                        | 0.78   | J D       | 0.80 | 0.16  | ppb v/v | 4       |   | TO-15  | Total/NA  |
| 1,2,4-Trimethylbenzene - DL                        | 2.6    | D         | 0.80 | 0.18  | ppb v/v | 4       |   | TO-15  | Total/NA  |
| 4-Isopropyltoluene - DL                            | 0.33   | J D       | 0.80 | 0.16  | ppb v/v | 4       |   | TO-15  | Total/NA  |

**Client Sample ID: SG-202**

**Lab Sample ID: 200-56451-2**

| Analyte                        | Result | Qualifier | RL   | MDL  | Unit  | Dil Fac | D | Method | Prep Type |
|--------------------------------|--------|-----------|------|------|-------|---------|---|--------|-----------|
| Dichlorodifluoromethane        | 2.1    | J         | 2.5  | 0.54 | ug/m3 | 1       |   | TO-15  | Total/NA  |
| Chloromethane                  | 1.2    |           | 1.0  | 0.23 | ug/m3 | 1       |   | TO-15  | Total/NA  |
| n-Butane                       | 100    | E         | 1.2  | 0.26 | ug/m3 | 1       |   | TO-15  | Total/NA  |
| 1,3-Butadiene                  | 7.8    |           | 0.44 | 0.13 | ug/m3 | 1       |   | TO-15  | Total/NA  |
| Trichlorofluoromethane         | 1.2    |           | 1.1  | 0.34 | ug/m3 | 1       |   | TO-15  | Total/NA  |
| 1,1,2-Trichlorotrifluoroethane | 0.64   | J         | 1.5  | 0.29 | ug/m3 | 1       |   | TO-15  | Total/NA  |
| Acetone                        | 6.6    | J         | 12   | 2.9  | ug/m3 | 1       |   | TO-15  | Total/NA  |

This Detection Summary does not include radiochemical test results.

Eurofins TestAmerica, Burlington



# Detection Summary

Client: Stantec Consulting Services Inc  
Project/Site: Easton Cooper Industries

Job ID: 200-56451-1  
SDG: 200-56451-1

Client Sample ID: SG-202 (Continued)

Lab Sample ID: 200-56451-2

| Analyte                          | Result | Qualifier | RL    | MDL   | Unit    | Dil | Fac | D | Method | Prep Type |
|----------------------------------|--------|-----------|-------|-------|---------|-----|-----|---|--------|-----------|
| Carbon disulfide                 | 1.6    |           | 1.6   | 0.23  | ug/m3   | 1   |     |   | TO-15  | Total/NA  |
| n-Hexane                         | 10     |           | 0.70  | 0.70  | ug/m3   | 1   |     |   | TO-15  | Total/NA  |
| Methyl Ethyl Ketone (2-Butanone) | 0.88   | J         | 1.5   | 0.21  | ug/m3   | 1   |     |   | TO-15  | Total/NA  |
| Chloroform                       | 0.16   | J         | 0.98  | 0.16  | ug/m3   | 1   |     |   | TO-15  | Total/NA  |
| Cyclohexane                      | 1.1    |           | 0.69  | 0.16  | ug/m3   | 1   |     |   | TO-15  | Total/NA  |
| Carbon tetrachloride             | 0.34   |           | 0.22  | 0.15  | ug/m3   | 1   |     |   | TO-15  | Total/NA  |
| 2,2,4-Trimethylpentane           | 0.92   | J         | 0.93  | 0.19  | ug/m3   | 1   |     |   | TO-15  | Total/NA  |
| Benzene                          | 1.4    |           | 0.64  | 0.21  | ug/m3   | 1   |     |   | TO-15  | Total/NA  |
| n-Heptane                        | 3.7    |           | 0.82  | 0.23  | ug/m3   | 1   |     |   | TO-15  | Total/NA  |
| Trichloroethene                  | 1.3    |           | 0.20  | 0.19  | ug/m3   | 1   |     |   | TO-15  | Total/NA  |
| Toluene                          | 2.3    |           | 0.75  | 0.41  | ug/m3   | 1   |     |   | TO-15  | Total/NA  |
| Tetrachloroethene                | 14     |           | 1.4   | 0.22  | ug/m3   | 1   |     |   | TO-15  | Total/NA  |
| Ethylbenzene                     | 0.57   | J         | 0.87  | 0.27  | ug/m3   | 1   |     |   | TO-15  | Total/NA  |
| m,p-Xylene                       | 2.0    | J         | 2.2   | 0.43  | ug/m3   | 1   |     |   | TO-15  | Total/NA  |
| o-Xylene                         | 0.66   | J         | 0.87  | 0.21  | ug/m3   | 1   |     |   | TO-15  | Total/NA  |
| n-Propylbenzene                  | 0.20   | J         | 0.98  | 0.19  | ug/m3   | 1   |     |   | TO-15  | Total/NA  |
| 4-Ethyltoluene                   | 0.20   | J         | 0.98  | 0.20  | ug/m3   | 1   |     |   | TO-15  | Total/NA  |
| 1,3,5-Trimethylbenzene           | 0.33   | J         | 0.98  | 0.19  | ug/m3   | 1   |     |   | TO-15  | Total/NA  |
| 1,2,4-Trimethylbenzene           | 0.76   | J         | 0.98  | 0.22  | ug/m3   | 1   |     |   | TO-15  | Total/NA  |
| 4-Isopropyltoluene               | 0.28   | J         | 1.1   | 0.21  | ug/m3   | 1   |     |   | TO-15  | Total/NA  |
| Dichlorodifluoromethane - DL     | 2.7    | J D       | 4.9   | 1.1   | ug/m3   | 2   |     |   | TO-15  | Total/NA  |
| Chloromethane - DL               | 1.4    | J D       | 2.1   | 0.45  | ug/m3   | 2   |     |   | TO-15  | Total/NA  |
| n-Butane - DL                    | 120    | D         | 2.4   | 0.52  | ug/m3   | 2   |     |   | TO-15  | Total/NA  |
| 1,3-Butadiene - DL               | 9.7    | D         | 0.88  | 0.25  | ug/m3   | 2   |     |   | TO-15  | Total/NA  |
| Trichlorofluoromethane - DL      | 0.98   | J D       | 2.2   | 0.67  | ug/m3   | 2   |     |   | TO-15  | Total/NA  |
| Acetone - DL                     | 8.1    | J D       | 24    | 5.7   | ug/m3   | 2   |     |   | TO-15  | Total/NA  |
| Carbon disulfide - DL            | 1.4    | J D       | 3.1   | 0.46  | ug/m3   | 2   |     |   | TO-15  | Total/NA  |
| n-Hexane - DL                    | 10     | D         | 1.4   | 1.4   | ug/m3   | 2   |     |   | TO-15  | Total/NA  |
| Benzene - DL                     | 1.1    | J D       | 1.3   | 0.43  | ug/m3   | 2   |     |   | TO-15  | Total/NA  |
| n-Heptane - DL                   | 3.1    | D         | 1.6   | 0.46  | ug/m3   | 2   |     |   | TO-15  | Total/NA  |
| Trichloroethene - DL             | 0.71   | D         | 0.40  | 0.38  | ug/m3   | 2   |     |   | TO-15  | Total/NA  |
| Toluene - DL                     | 2.3    | D         | 1.5   | 0.83  | ug/m3   | 2   |     |   | TO-15  | Total/NA  |
| Tetrachloroethene - DL           | 17     | D         | 2.7   | 0.45  | ug/m3   | 2   |     |   | TO-15  | Total/NA  |
| Ethylbenzene - DL                | 0.98   | J D       | 1.7   | 0.55  | ug/m3   | 2   |     |   | TO-15  | Total/NA  |
| m,p-Xylene - DL                  | 2.1    | J D       | 4.3   | 0.87  | ug/m3   | 2   |     |   | TO-15  | Total/NA  |
| o-Xylene - DL                    | 1.1    | J D       | 1.7   | 0.42  | ug/m3   | 2   |     |   | TO-15  | Total/NA  |
| Analyte                          | Result | Qualifier | RL    | MDL   | Unit    | Dil | Fac | D | Method | Prep Type |
| Dichlorodifluoromethane          | 0.42   | J         | 0.50  | 0.11  | ppb v/v | 1   |     |   | TO-15  | Total/NA  |
| Chloromethane                    | 0.60   |           | 0.50  | 0.11  | ppb v/v | 1   |     |   | TO-15  | Total/NA  |
| n-Butane                         | 44     | E         | 0.50  | 0.11  | ppb v/v | 1   |     |   | TO-15  | Total/NA  |
| 1,3-Butadiene                    | 3.5    |           | 0.20  | 0.057 | ppb v/v | 1   |     |   | TO-15  | Total/NA  |
| Trichlorofluoromethane           | 0.21   |           | 0.20  | 0.060 | ppb v/v | 1   |     |   | TO-15  | Total/NA  |
| 1,1,2-Trichlorotrifluoroethane   | 0.084  | J         | 0.20  | 0.038 | ppb v/v | 1   |     |   | TO-15  | Total/NA  |
| Acetone                          | 2.8    | J         | 5.0   | 1.2   | ppb v/v | 1   |     |   | TO-15  | Total/NA  |
| Carbon disulfide                 | 0.53   |           | 0.50  | 0.074 | ppb v/v | 1   |     |   | TO-15  | Total/NA  |
| n-Hexane                         | 2.9    |           | 0.20  | 0.20  | ppb v/v | 1   |     |   | TO-15  | Total/NA  |
| Methyl Ethyl Ketone (2-Butanone) | 0.30   | J         | 0.50  | 0.072 | ppb v/v | 1   |     |   | TO-15  | Total/NA  |
| Chloroform                       | 0.033  | J         | 0.20  | 0.032 | ppb v/v | 1   |     |   | TO-15  | Total/NA  |
| Cyclohexane                      | 0.32   |           | 0.20  | 0.046 | ppb v/v | 1   |     |   | TO-15  | Total/NA  |
| Carbon tetrachloride             | 0.054  |           | 0.035 | 0.024 | ppb v/v | 1   |     |   | TO-15  | Total/NA  |
| 2,2,4-Trimethylpentane           | 0.20   | J         | 0.20  | 0.041 | ppb v/v | 1   |     |   | TO-15  | Total/NA  |

This Detection Summary does not include radiochemical test results.

Eurofins TestAmerica, Burlington

# Detection Summary

Client: Stantec Consulting Services Inc  
Project/Site: Easton Cooper Industries

Job ID: 200-56451-1  
SDG: 200-56451-1

**Client Sample ID: SG-202 (Continued)**

**Lab Sample ID: 200-56451-2**

| Analyte                      | Result | Qualifier | RL    | MDL   | Unit    | Dil Fac | D | Method | Prep Type |
|------------------------------|--------|-----------|-------|-------|---------|---------|---|--------|-----------|
| Benzene                      | 0.44   |           | 0.20  | 0.067 | ppb v/v | 1       |   | TO-15  | Total/NA  |
| n-Heptane                    | 0.91   |           | 0.20  | 0.056 | ppb v/v | 1       |   | TO-15  | Total/NA  |
| Trichloroethene              | 0.23   |           | 0.037 | 0.035 | ppb v/v | 1       |   | TO-15  | Total/NA  |
| Toluene                      | 0.61   |           | 0.20  | 0.11  | ppb v/v | 1       |   | TO-15  | Total/NA  |
| Tetrachloroethene            | 2.1    |           | 0.20  | 0.033 | ppb v/v | 1       |   | TO-15  | Total/NA  |
| Ethylbenzene                 | 0.13   | J         | 0.20  | 0.063 | ppb v/v | 1       |   | TO-15  | Total/NA  |
| m,p-Xylene                   | 0.45   | J         | 0.50  | 0.10  | ppb v/v | 1       |   | TO-15  | Total/NA  |
| o-Xylene                     | 0.15   | J         | 0.20  | 0.048 | ppb v/v | 1       |   | TO-15  | Total/NA  |
| n-Propylbenzene              | 0.040  | J         | 0.20  | 0.039 | ppb v/v | 1       |   | TO-15  | Total/NA  |
| 4-Ethyltoluene               | 0.042  | J         | 0.20  | 0.041 | ppb v/v | 1       |   | TO-15  | Total/NA  |
| 1,3,5-Trimethylbenzene       | 0.067  | J         | 0.20  | 0.039 | ppb v/v | 1       |   | TO-15  | Total/NA  |
| 1,2,4-Trimethylbenzene       | 0.16   | J         | 0.20  | 0.044 | ppb v/v | 1       |   | TO-15  | Total/NA  |
| 4-Isopropyltoluene           | 0.051  | J         | 0.20  | 0.039 | ppb v/v | 1       |   | TO-15  | Total/NA  |
| Dichlorodifluoromethane - DL | 0.54   | J D       | 1.0   | 0.22  | ppb v/v | 2       |   | TO-15  | Total/NA  |
| Chloromethane - DL           | 0.69   | J D       | 1.0   | 0.22  | ppb v/v | 2       |   | TO-15  | Total/NA  |
| n-Butane - DL                | 49     | D         | 1.0   | 0.22  | ppb v/v | 2       |   | TO-15  | Total/NA  |
| 1,3-Butadiene - DL           | 4.4    | D         | 0.40  | 0.11  | ppb v/v | 2       |   | TO-15  | Total/NA  |
| Trichlorofluoromethane - DL  | 0.17   | J D       | 0.40  | 0.12  | ppb v/v | 2       |   | TO-15  | Total/NA  |
| Acetone - DL                 | 3.4    | J D       | 10    | 2.4   | ppb v/v | 2       |   | TO-15  | Total/NA  |
| Carbon disulfide - DL        | 0.44   | J D       | 1.0   | 0.15  | ppb v/v | 2       |   | TO-15  | Total/NA  |
| n-Hexane - DL                | 2.9    | D         | 0.40  | 0.40  | ppb v/v | 2       |   | TO-15  | Total/NA  |
| Benzene - DL                 | 0.34   | J D       | 0.40  | 0.13  | ppb v/v | 2       |   | TO-15  | Total/NA  |
| n-Heptane - DL               | 0.75   | D         | 0.40  | 0.11  | ppb v/v | 2       |   | TO-15  | Total/NA  |
| Trichloroethene - DL         | 0.13   | D         | 0.074 | 0.070 | ppb v/v | 2       |   | TO-15  | Total/NA  |
| Toluene - DL                 | 0.60   | D         | 0.40  | 0.22  | ppb v/v | 2       |   | TO-15  | Total/NA  |
| Tetrachloroethene - DL       | 2.5    | D         | 0.40  | 0.066 | ppb v/v | 2       |   | TO-15  | Total/NA  |
| Ethylbenzene - DL            | 0.23   | J D       | 0.40  | 0.13  | ppb v/v | 2       |   | TO-15  | Total/NA  |
| m,p-Xylene - DL              | 0.49   | J D       | 1.0   | 0.20  | ppb v/v | 2       |   | TO-15  | Total/NA  |
| o-Xylene - DL                | 0.25   | J D       | 0.40  | 0.096 | ppb v/v | 2       |   | TO-15  | Total/NA  |

**Client Sample ID: SG-203**

**Lab Sample ID: 200-56451-3**

| Analyte                          | Result | Qualifier | RL   | MDL  | Unit  | Dil Fac | D | Method | Prep Type |
|----------------------------------|--------|-----------|------|------|-------|---------|---|--------|-----------|
| Dichlorodifluoromethane          | 2.0    | J         | 2.5  | 0.54 | ug/m3 | 1       |   | TO-15  | Total/NA  |
| n-Butane                         | 32     |           | 1.2  | 0.26 | ug/m3 | 1       |   | TO-15  | Total/NA  |
| 1,3-Butadiene                    | 0.66   |           | 0.44 | 0.13 | ug/m3 | 1       |   | TO-15  | Total/NA  |
| Trichlorofluoromethane           | 1.4    |           | 1.1  | 0.34 | ug/m3 | 1       |   | TO-15  | Total/NA  |
| 1,1,2-Trichlorotrifluoroethane   | 0.54   | J         | 1.5  | 0.29 | ug/m3 | 1       |   | TO-15  | Total/NA  |
| Acetone                          | 4.7    | J         | 12   | 2.9  | ug/m3 | 1       |   | TO-15  | Total/NA  |
| Carbon disulfide                 | 12     |           | 1.6  | 0.23 | ug/m3 | 1       |   | TO-15  | Total/NA  |
| tert-Butyl alcohol               | 0.30   | J         | 15   | 0.12 | ug/m3 | 1       |   | TO-15  | Total/NA  |
| n-Hexane                         | 2.1    |           | 0.70 | 0.70 | ug/m3 | 1       |   | TO-15  | Total/NA  |
| Methyl Ethyl Ketone (2-Butanone) | 0.73   | J         | 1.5  | 0.21 | ug/m3 | 1       |   | TO-15  | Total/NA  |
| Chloroform                       | 0.43   | J         | 0.98 | 0.16 | ug/m3 | 1       |   | TO-15  | Total/NA  |
| 1,1,1-Trichloroethane            | 0.32   | J         | 1.1  | 0.20 | ug/m3 | 1       |   | TO-15  | Total/NA  |
| Cyclohexane                      | 0.81   |           | 0.69 | 0.16 | ug/m3 | 1       |   | TO-15  | Total/NA  |
| Carbon tetrachloride             | 0.19   | J         | 0.22 | 0.15 | ug/m3 | 1       |   | TO-15  | Total/NA  |
| 2,2,4-Trimethylpentane           | 0.22   | J         | 0.93 | 0.19 | ug/m3 | 1       |   | TO-15  | Total/NA  |
| Benzene                          | 1.0    |           | 0.64 | 0.21 | ug/m3 | 1       |   | TO-15  | Total/NA  |
| n-Heptane                        | 1.6    |           | 0.82 | 0.23 | ug/m3 | 1       |   | TO-15  | Total/NA  |
| Trichloroethene                  | 0.42   |           | 0.20 | 0.19 | ug/m3 | 1       |   | TO-15  | Total/NA  |

This Detection Summary does not include radiochemical test results.

Eurofins TestAmerica, Burlington

# Detection Summary

Client: Stantec Consulting Services Inc  
Project/Site: Easton Cooper Industries

Job ID: 200-56451-1  
SDG: 200-56451-1

**Client Sample ID: SG-203 (Continued)**

**Lab Sample ID: 200-56451-3**

| Analyte                                       | Result | Qualifier | RL    | MDL   | Unit    | Dil Fac | D | Method | Prep Type |
|-----------------------------------------------|--------|-----------|-------|-------|---------|---------|---|--------|-----------|
| 4-Methyl-2-pentanone (Methyl isobutyl ketone) | 1.0    | J         | 2.0   | 0.15  | ug/m3   | 1       |   | TO-15  | Total/NA  |
| Toluene                                       | 1.8    |           | 0.75  | 0.41  | ug/m3   | 1       |   | TO-15  | Total/NA  |
| Tetrachloroethene                             | 8.1    |           | 1.4   | 0.22  | ug/m3   | 1       |   | TO-15  | Total/NA  |
| Methyl Butyl Ketone (2-Hexanone)              | 0.41   | J         | 2.0   | 0.20  | ug/m3   | 1       |   | TO-15  | Total/NA  |
| Ethylbenzene                                  | 2.2    |           | 0.87  | 0.27  | ug/m3   | 1       |   | TO-15  | Total/NA  |
| m,p-Xylene                                    | 8.2    |           | 2.2   | 0.43  | ug/m3   | 1       |   | TO-15  | Total/NA  |
| o-Xylene                                      | 2.6    |           | 0.87  | 0.21  | ug/m3   | 1       |   | TO-15  | Total/NA  |
| n-Propylbenzene                               | 0.25   | J         | 0.98  | 0.19  | ug/m3   | 1       |   | TO-15  | Total/NA  |
| 4-Ethyltoluene                                | 0.34   | J         | 0.98  | 0.20  | ug/m3   | 1       |   | TO-15  | Total/NA  |
| 1,3,5-Trimethylbenzene                        | 0.55   | J         | 0.98  | 0.19  | ug/m3   | 1       |   | TO-15  | Total/NA  |
| 1,2,4-Trimethylbenzene                        | 1.6    |           | 0.98  | 0.22  | ug/m3   | 1       |   | TO-15  | Total/NA  |
| Analyte                                       | Result | Qualifier | RL    | MDL   | Unit    | Dil Fac | D | Method | Prep Type |
| Dichlorodifluoromethane                       | 0.39   | J         | 0.50  | 0.11  | ppb v/v | 1       |   | TO-15  | Total/NA  |
| n-Butane                                      | 13     |           | 0.50  | 0.11  | ppb v/v | 1       |   | TO-15  | Total/NA  |
| 1,3-Butadiene                                 | 0.30   |           | 0.20  | 0.057 | ppb v/v | 1       |   | TO-15  | Total/NA  |
| Trichlorofluoromethane                        | 0.25   |           | 0.20  | 0.060 | ppb v/v | 1       |   | TO-15  | Total/NA  |
| 1,1,2-Trichlorotrifluoroethane                | 0.071  | J         | 0.20  | 0.038 | ppb v/v | 1       |   | TO-15  | Total/NA  |
| Acetone                                       | 2.0    | J         | 5.0   | 1.2   | ppb v/v | 1       |   | TO-15  | Total/NA  |
| Carbon disulfide                              | 3.8    |           | 0.50  | 0.074 | ppb v/v | 1       |   | TO-15  | Total/NA  |
| tert-Butyl alcohol                            | 0.099  | J         | 5.0   | 0.038 | ppb v/v | 1       |   | TO-15  | Total/NA  |
| n-Hexane                                      | 0.59   |           | 0.20  | 0.20  | ppb v/v | 1       |   | TO-15  | Total/NA  |
| Methyl Ethyl Ketone (2-Butanone)              | 0.25   | J         | 0.50  | 0.072 | ppb v/v | 1       |   | TO-15  | Total/NA  |
| Chloroform                                    | 0.088  | J         | 0.20  | 0.032 | ppb v/v | 1       |   | TO-15  | Total/NA  |
| 1,1,1-Trichloroethane                         | 0.058  | J         | 0.20  | 0.036 | ppb v/v | 1       |   | TO-15  | Total/NA  |
| Cyclohexane                                   | 0.24   |           | 0.20  | 0.046 | ppb v/v | 1       |   | TO-15  | Total/NA  |
| Carbon tetrachloride                          | 0.030  | J         | 0.035 | 0.024 | ppb v/v | 1       |   | TO-15  | Total/NA  |
| 2,2,4-Trimethylpentane                        | 0.047  | J         | 0.20  | 0.041 | ppb v/v | 1       |   | TO-15  | Total/NA  |
| Benzene                                       | 0.32   |           | 0.20  | 0.067 | ppb v/v | 1       |   | TO-15  | Total/NA  |
| n-Heptane                                     | 0.38   |           | 0.20  | 0.056 | ppb v/v | 1       |   | TO-15  | Total/NA  |
| Trichloroethene                               | 0.078  |           | 0.037 | 0.035 | ppb v/v | 1       |   | TO-15  | Total/NA  |
| 4-Methyl-2-pentanone (Methyl isobutyl ketone) | 0.25   | J         | 0.50  | 0.036 | ppb v/v | 1       |   | TO-15  | Total/NA  |
| Toluene                                       | 0.48   |           | 0.20  | 0.11  | ppb v/v | 1       |   | TO-15  | Total/NA  |
| Tetrachloroethene                             | 1.2    |           | 0.20  | 0.033 | ppb v/v | 1       |   | TO-15  | Total/NA  |
| Methyl Butyl Ketone (2-Hexanone)              | 0.10   | J         | 0.50  | 0.048 | ppb v/v | 1       |   | TO-15  | Total/NA  |
| Ethylbenzene                                  | 0.50   |           | 0.20  | 0.063 | ppb v/v | 1       |   | TO-15  | Total/NA  |
| m,p-Xylene                                    | 1.9    |           | 0.50  | 0.10  | ppb v/v | 1       |   | TO-15  | Total/NA  |
| o-Xylene                                      | 0.59   |           | 0.20  | 0.048 | ppb v/v | 1       |   | TO-15  | Total/NA  |
| n-Propylbenzene                               | 0.051  | J         | 0.20  | 0.039 | ppb v/v | 1       |   | TO-15  | Total/NA  |
| 4-Ethyltoluene                                | 0.069  | J         | 0.20  | 0.041 | ppb v/v | 1       |   | TO-15  | Total/NA  |
| 1,3,5-Trimethylbenzene                        | 0.11   | J         | 0.20  | 0.039 | ppb v/v | 1       |   | TO-15  | Total/NA  |
| 1,2,4-Trimethylbenzene                        | 0.32   |           | 0.20  | 0.044 | ppb v/v | 1       |   | TO-15  | Total/NA  |

**Client Sample ID: SG-204**

**Lab Sample ID: 200-56451-4**

| Analyte                        | Result | Qualifier | RL   | MDL  | Unit  | Dil Fac | D | Method | Prep Type |
|--------------------------------|--------|-----------|------|------|-------|---------|---|--------|-----------|
| Dichlorodifluoromethane        | 1.8    | J         | 2.5  | 0.54 | ug/m3 | 1       |   | TO-15  | Total/NA  |
| n-Butane                       | 15     |           | 1.2  | 0.26 | ug/m3 | 1       |   | TO-15  | Total/NA  |
| 1,3-Butadiene                  | 0.81   |           | 0.44 | 0.13 | ug/m3 | 1       |   | TO-15  | Total/NA  |
| Trichlorofluoromethane         | 1.3    |           | 1.1  | 0.34 | ug/m3 | 1       |   | TO-15  | Total/NA  |
| 1,1,2-Trichlorotrifluoroethane | 0.46   | J         | 1.5  | 0.29 | ug/m3 | 1       |   | TO-15  | Total/NA  |

This Detection Summary does not include radiochemical test results.

Eurofins TestAmerica, Burlington

# Detection Summary

Client: Stantec Consulting Services Inc  
Project/Site: Easton Cooper Industries

Job ID: 200-56451-1  
SDG: 200-56451-1

**Client Sample ID: SG-204 (Continued)**

**Lab Sample ID: 200-56451-4**

| Analyte                                       | Result | Qualifier | RL    | MDL   | Unit    | Dil Fac | D | Method | Prep Type |
|-----------------------------------------------|--------|-----------|-------|-------|---------|---------|---|--------|-----------|
| Acetone                                       | 11     | J         | 12    | 2.9   | ug/m3   | 1       |   | TO-15  | Total/NA  |
| Carbon disulfide                              | 4.4    |           | 1.6   | 0.23  | ug/m3   | 1       |   | TO-15  | Total/NA  |
| tert-Butyl alcohol                            | 0.53   | J         | 15    | 0.12  | ug/m3   | 1       |   | TO-15  | Total/NA  |
| n-Hexane                                      | 6.4    |           | 0.70  | 0.70  | ug/m3   | 1       |   | TO-15  | Total/NA  |
| Methyl Ethyl Ketone (2-Butanone)              | 2.9    |           | 1.5   | 0.21  | ug/m3   | 1       |   | TO-15  | Total/NA  |
| Chloroform                                    | 0.25   | J         | 0.98  | 0.16  | ug/m3   | 1       |   | TO-15  | Total/NA  |
| Cyclohexane                                   | 5.2    |           | 0.69  | 0.16  | ug/m3   | 1       |   | TO-15  | Total/NA  |
| Benzene                                       | 2.7    |           | 0.64  | 0.21  | ug/m3   | 1       |   | TO-15  | Total/NA  |
| n-Heptane                                     | 5.9    |           | 0.82  | 0.23  | ug/m3   | 1       |   | TO-15  | Total/NA  |
| Trichloroethene                               | 10     |           | 0.20  | 0.19  | ug/m3   | 1       |   | TO-15  | Total/NA  |
| 4-Methyl-2-pentanone (Methyl isobutyl ketone) | 1.1    | J         | 2.0   | 0.15  | ug/m3   | 1       |   | TO-15  | Total/NA  |
| Toluene                                       | 3.7    |           | 0.75  | 0.41  | ug/m3   | 1       |   | TO-15  | Total/NA  |
| Tetrachloroethene                             | 1.9    |           | 1.4   | 0.22  | ug/m3   | 1       |   | TO-15  | Total/NA  |
| Methyl Butyl Ketone (2-Hexanone)              | 0.51   | J         | 2.0   | 0.20  | ug/m3   | 1       |   | TO-15  | Total/NA  |
| Ethylbenzene                                  | 0.67   | J         | 0.87  | 0.27  | ug/m3   | 1       |   | TO-15  | Total/NA  |
| m,p-Xylene                                    | 3.1    |           | 2.2   | 0.43  | ug/m3   | 1       |   | TO-15  | Total/NA  |
| o-Xylene                                      | 1.3    |           | 0.87  | 0.21  | ug/m3   | 1       |   | TO-15  | Total/NA  |
| 1,2,4-Trimethylbenzene                        | 0.87   | J         | 0.98  | 0.22  | ug/m3   | 1       |   | TO-15  | Total/NA  |
| 4-Isopropyltoluene                            | 0.87   | J         | 1.1   | 0.21  | ug/m3   | 1       |   | TO-15  | Total/NA  |
| Analyte                                       | Result | Qualifier | RL    | MDL   | Unit    | Dil Fac | D | Method | Prep Type |
| Dichlorodifluoromethane                       | 0.36   | J         | 0.50  | 0.11  | ppb v/v | 1       |   | TO-15  | Total/NA  |
| n-Butane                                      | 6.4    |           | 0.50  | 0.11  | ppb v/v | 1       |   | TO-15  | Total/NA  |
| 1,3-Butadiene                                 | 0.37   |           | 0.20  | 0.057 | ppb v/v | 1       |   | TO-15  | Total/NA  |
| Trichlorofluoromethane                        | 0.23   |           | 0.20  | 0.060 | ppb v/v | 1       |   | TO-15  | Total/NA  |
| 1,1,2-Trichlorotrifluoroethane                | 0.061  | J         | 0.20  | 0.038 | ppb v/v | 1       |   | TO-15  | Total/NA  |
| Acetone                                       | 4.8    | J         | 5.0   | 1.2   | ppb v/v | 1       |   | TO-15  | Total/NA  |
| Carbon disulfide                              | 1.4    |           | 0.50  | 0.074 | ppb v/v | 1       |   | TO-15  | Total/NA  |
| tert-Butyl alcohol                            | 0.18   | J         | 5.0   | 0.038 | ppb v/v | 1       |   | TO-15  | Total/NA  |
| n-Hexane                                      | 1.8    |           | 0.20  | 0.20  | ppb v/v | 1       |   | TO-15  | Total/NA  |
| Methyl Ethyl Ketone (2-Butanone)              | 0.99   |           | 0.50  | 0.072 | ppb v/v | 1       |   | TO-15  | Total/NA  |
| Chloroform                                    | 0.051  | J         | 0.20  | 0.032 | ppb v/v | 1       |   | TO-15  | Total/NA  |
| Cyclohexane                                   | 1.5    |           | 0.20  | 0.046 | ppb v/v | 1       |   | TO-15  | Total/NA  |
| Benzene                                       | 0.84   |           | 0.20  | 0.067 | ppb v/v | 1       |   | TO-15  | Total/NA  |
| n-Heptane                                     | 1.4    |           | 0.20  | 0.056 | ppb v/v | 1       |   | TO-15  | Total/NA  |
| Trichloroethene                               | 1.9    |           | 0.037 | 0.035 | ppb v/v | 1       |   | TO-15  | Total/NA  |
| 4-Methyl-2-pentanone (Methyl isobutyl ketone) | 0.28   | J         | 0.50  | 0.036 | ppb v/v | 1       |   | TO-15  | Total/NA  |
| Toluene                                       | 0.97   |           | 0.20  | 0.11  | ppb v/v | 1       |   | TO-15  | Total/NA  |
| Tetrachloroethene                             | 0.28   |           | 0.20  | 0.033 | ppb v/v | 1       |   | TO-15  | Total/NA  |
| Methyl Butyl Ketone (2-Hexanone)              | 0.12   | J         | 0.50  | 0.048 | ppb v/v | 1       |   | TO-15  | Total/NA  |
| Ethylbenzene                                  | 0.16   | J         | 0.20  | 0.063 | ppb v/v | 1       |   | TO-15  | Total/NA  |
| m,p-Xylene                                    | 0.72   |           | 0.50  | 0.10  | ppb v/v | 1       |   | TO-15  | Total/NA  |
| o-Xylene                                      | 0.31   |           | 0.20  | 0.048 | ppb v/v | 1       |   | TO-15  | Total/NA  |
| 1,2,4-Trimethylbenzene                        | 0.18   | J         | 0.20  | 0.044 | ppb v/v | 1       |   | TO-15  | Total/NA  |
| 4-Isopropyltoluene                            | 0.16   | J         | 0.20  | 0.039 | ppb v/v | 1       |   | TO-15  | Total/NA  |

**Client Sample ID: SG-205**

**Lab Sample ID: 200-56451-5**

| Analyte                 | Result | Qualifier | RL  | MDL  | Unit  | Dil Fac | D | Method | Prep Type |
|-------------------------|--------|-----------|-----|------|-------|---------|---|--------|-----------|
| Dichlorodifluoromethane | 1.7    | J         | 2.5 | 0.54 | ug/m3 | 1       |   | TO-15  | Total/NA  |
| Chloromethane           | 0.77   | J         | 1.0 | 0.23 | ug/m3 | 1       |   | TO-15  | Total/NA  |

This Detection Summary does not include radiochemical test results.

Eurofins TestAmerica, Burlington

# Detection Summary

Client: Stantec Consulting Services Inc  
Project/Site: Easton Cooper Industries

Job ID: 200-56451-1  
SDG: 200-56451-1

Client Sample ID: SG-205 (Continued)

Lab Sample ID: 200-56451-5

| Analyte                                       | Result | Qualifier | RL   | MDL  | Unit  | Dil  | Fac | D | Method | Prep Type |
|-----------------------------------------------|--------|-----------|------|------|-------|------|-----|---|--------|-----------|
| n-Butane                                      | 110    | E         | 1.2  | 0.26 | ug/m3 | 1    |     |   | TO-15  | Total/NA  |
| 1,3-Butadiene                                 | 17     |           | 0.44 | 0.13 | ug/m3 | 1    |     |   | TO-15  | Total/NA  |
| Chloroethane                                  | 0.21   | J         | 1.3  | 0.14 | ug/m3 | 1    |     |   | TO-15  | Total/NA  |
| Trichlorofluoromethane                        | 1.1    |           | 1.1  | 0.34 | ug/m3 | 1    |     |   | TO-15  | Total/NA  |
| 1,1,2-Trichlorotrifluoroethane                | 1.0    | J         | 1.5  | 0.29 | ug/m3 | 1    |     |   | TO-15  | Total/NA  |
| Acetone                                       | 24     |           | 12   | 2.9  | ug/m3 | 1    |     |   | TO-15  | Total/NA  |
| Carbon disulfide                              | 12     |           | 1.6  | 0.23 | ug/m3 | 1    |     |   | TO-15  | Total/NA  |
| Methylene Chloride                            | 1.4    | J         | 1.7  | 0.94 | ug/m3 | 1    |     |   | TO-15  | Total/NA  |
| tert-Butyl alcohol                            | 0.41   | J         | 15   | 0.12 | ug/m3 | 1    |     |   | TO-15  | Total/NA  |
| n-Hexane                                      | 34     |           | 0.70 | 0.70 | ug/m3 | 1    |     |   | TO-15  | Total/NA  |
| Methyl Ethyl Ketone (2-Butanone)              | 6.5    |           | 1.5  | 0.21 | ug/m3 | 1    |     |   | TO-15  | Total/NA  |
| Chloroform                                    | 0.46   | J         | 0.98 | 0.16 | ug/m3 | 1    |     |   | TO-15  | Total/NA  |
| 1,1,1-Trichloroethane                         | 3.4    |           | 1.1  | 0.20 | ug/m3 | 1    |     |   | TO-15  | Total/NA  |
| Cyclohexane                                   | 13     |           | 0.69 | 0.16 | ug/m3 | 1    |     |   | TO-15  | Total/NA  |
| Carbon tetrachloride                          | 0.39   |           | 0.22 | 0.15 | ug/m3 | 1    |     |   | TO-15  | Total/NA  |
| 2,2,4-Trimethylpentane                        | 15     |           | 0.93 | 0.19 | ug/m3 | 1    |     |   | TO-15  | Total/NA  |
| Benzene                                       | 19     |           | 0.64 | 0.21 | ug/m3 | 1    |     |   | TO-15  | Total/NA  |
| n-Heptane                                     | 38     |           | 0.82 | 0.23 | ug/m3 | 1    |     |   | TO-15  | Total/NA  |
| Trichloroethene                               | 69     |           | 0.20 | 0.19 | ug/m3 | 1    |     |   | TO-15  | Total/NA  |
| 4-Methyl-2-pentanone (Methyl isobutyl ketone) | 2.6    |           | 2.0  | 0.15 | ug/m3 | 1    |     |   | TO-15  | Total/NA  |
| Toluene                                       | 88     |           | 0.75 | 0.41 | ug/m3 | 1    |     |   | TO-15  | Total/NA  |
| Tetrachloroethene                             | 1000   | E         | 1.4  | 0.22 | ug/m3 | 1    |     |   | TO-15  | Total/NA  |
| Methyl Butyl Ketone (2-Hexanone)              | 2.3    |           | 2.0  | 0.20 | ug/m3 | 1    |     |   | TO-15  | Total/NA  |
| Ethylbenzene                                  | 23     |           | 0.87 | 0.27 | ug/m3 | 1    |     |   | TO-15  | Total/NA  |
| m,p-Xylene                                    | 95     |           | 2.2  | 0.43 | ug/m3 | 1    |     |   | TO-15  | Total/NA  |
| o-Xylene                                      | 29     |           | 0.87 | 0.21 | ug/m3 | 1    |     |   | TO-15  | Total/NA  |
| Styrene                                       | 0.32   | J         | 0.85 | 0.17 | ug/m3 | 1    |     |   | TO-15  | Total/NA  |
| Cumene                                        | 3.1    |           | 0.98 | 0.17 | ug/m3 | 1    |     |   | TO-15  | Total/NA  |
| n-Propylbenzene                               | 5.6    |           | 0.98 | 0.19 | ug/m3 | 1    |     |   | TO-15  | Total/NA  |
| 4-Ethyltoluene                                | 6.8    |           | 0.98 | 0.20 | ug/m3 | 1    |     |   | TO-15  | Total/NA  |
| 1,3,5-Trimethylbenzene                        | 10     |           | 0.98 | 0.19 | ug/m3 | 1    |     |   | TO-15  | Total/NA  |
| 1,2,4-Trimethylbenzene                        | 21     |           | 0.98 | 0.22 | ug/m3 | 1    |     |   | TO-15  | Total/NA  |
| sec-Butylbenzene                              | 0.98   | J         | 1.1  | 0.19 | ug/m3 | 1    |     |   | TO-15  | Total/NA  |
| 4-Isopropyltoluene                            | 0.94   | J         | 1.1  | 0.21 | ug/m3 | 1    |     |   | TO-15  | Total/NA  |
| n-Butylbenzene                                | 0.99   | J         | 1.1  | 0.21 | ug/m3 | 1    |     |   | TO-15  | Total/NA  |
| n-Butane - DL                                 | 110    | D         | 18   | 4.0  | ug/m3 | 15.4 |     |   | TO-15  | Total/NA  |
| 1,3-Butadiene - DL                            | 18     | D         | 6.8  | 1.9  | ug/m3 | 15.4 |     |   | TO-15  | Total/NA  |
| Carbon disulfide - DL                         | 14     | J D       | 24   | 3.5  | ug/m3 | 15.4 |     |   | TO-15  | Total/NA  |
| n-Hexane - DL                                 | 34     | D         | 11   | 11   | ug/m3 | 15.4 |     |   | TO-15  | Total/NA  |
| 1,1,1-Trichloroethane - DL                    | 3.2    | J D       | 17   | 3.0  | ug/m3 | 15.4 |     |   | TO-15  | Total/NA  |
| Cyclohexane - DL                              | 11     | D         | 11   | 2.4  | ug/m3 | 15.4 |     |   | TO-15  | Total/NA  |
| 2,2,4-Trimethylpentane - DL                   | 13     | J D       | 14   | 2.9  | ug/m3 | 15.4 |     |   | TO-15  | Total/NA  |
| Benzene - DL                                  | 20     | D         | 9.8  | 3.3  | ug/m3 | 15.4 |     |   | TO-15  | Total/NA  |
| n-Heptane - DL                                | 33     | D         | 13   | 3.5  | ug/m3 | 15.4 |     |   | TO-15  | Total/NA  |
| Trichloroethene - DL                          | 70     | D         | 3.1  | 2.9  | ug/m3 | 15.4 |     |   | TO-15  | Total/NA  |
| Toluene - DL                                  | 95     | D         | 12   | 6.4  | ug/m3 | 15.4 |     |   | TO-15  | Total/NA  |
| Tetrachloroethene - DL                        | 2900   | D         | 21   | 3.4  | ug/m3 | 15.4 |     |   | TO-15  | Total/NA  |
| Ethylbenzene - DL                             | 21     | D         | 13   | 4.2  | ug/m3 | 15.4 |     |   | TO-15  | Total/NA  |
| m,p-Xylene - DL                               | 83     | D         | 33   | 6.7  | ug/m3 | 15.4 |     |   | TO-15  | Total/NA  |
| o-Xylene - DL                                 | 24     | D         | 13   | 3.2  | ug/m3 | 15.4 |     |   | TO-15  | Total/NA  |

This Detection Summary does not include radiochemical test results.

Eurofins TestAmerica, Burlington



# Detection Summary

Client: Stantec Consulting Services Inc  
Project/Site: Easton Cooper Industries

Job ID: 200-56451-1  
SDG: 200-56451-1

Client Sample ID: SG-205 (Continued)

Lab Sample ID: 200-56451-5

| Analyte                                       | Result | Qualifier | RL    | MDL   | Unit    | Dil Fac | D | Method | Prep Type |
|-----------------------------------------------|--------|-----------|-------|-------|---------|---------|---|--------|-----------|
| n-Propylbenzene - DL                          | 4.3    | J D       | 15    | 3.0   | ug/m3   | 15.4    |   | TO-15  | Total/NA  |
| 4-Ethyltoluene - DL                           | 4.5    | J D       | 15    | 3.1   | ug/m3   | 15.4    |   | TO-15  | Total/NA  |
| 1,3,5-Trimethylbenzene - DL                   | 7.9    | J D       | 15    | 3.0   | ug/m3   | 15.4    |   | TO-15  | Total/NA  |
| 1,2,4-Trimethylbenzene - DL                   | 15     | D         | 15    | 3.3   | ug/m3   | 15.4    |   | TO-15  | Total/NA  |
| Analyte                                       | Result | Qualifier | RL    | MDL   | Unit    | Dil Fac | D | Method | Prep Type |
| Dichlorodifluoromethane                       | 0.35   | J         | 0.50  | 0.11  | ppb v/v | 1       |   | TO-15  | Total/NA  |
| Chloromethane                                 | 0.37   | J         | 0.50  | 0.11  | ppb v/v | 1       |   | TO-15  | Total/NA  |
| n-Butane                                      | 45     | E         | 0.50  | 0.11  | ppb v/v | 1       |   | TO-15  | Total/NA  |
| 1,3-Butadiene                                 | 7.7    |           | 0.20  | 0.057 | ppb v/v | 1       |   | TO-15  | Total/NA  |
| Chloroethane                                  | 0.079  | J         | 0.50  | 0.054 | ppb v/v | 1       |   | TO-15  | Total/NA  |
| Trichlorofluoromethane                        | 0.20   |           | 0.20  | 0.060 | ppb v/v | 1       |   | TO-15  | Total/NA  |
| 1,1,2-Trichlorotrifluoroethane                | 0.13   | J         | 0.20  | 0.038 | ppb v/v | 1       |   | TO-15  | Total/NA  |
| Acetone                                       | 9.9    |           | 5.0   | 1.2   | ppb v/v | 1       |   | TO-15  | Total/NA  |
| Carbon disulfide                              | 3.7    |           | 0.50  | 0.074 | ppb v/v | 1       |   | TO-15  | Total/NA  |
| Methylene Chloride                            | 0.41   | J         | 0.50  | 0.27  | ppb v/v | 1       |   | TO-15  | Total/NA  |
| tert-Butyl alcohol                            | 0.14   | J         | 5.0   | 0.038 | ppb v/v | 1       |   | TO-15  | Total/NA  |
| n-Hexane                                      | 9.7    |           | 0.20  | 0.20  | ppb v/v | 1       |   | TO-15  | Total/NA  |
| Methyl Ethyl Ketone (2-Butanone)              | 2.2    |           | 0.50  | 0.072 | ppb v/v | 1       |   | TO-15  | Total/NA  |
| Chloroform                                    | 0.095  | J         | 0.20  | 0.032 | ppb v/v | 1       |   | TO-15  | Total/NA  |
| 1,1,1-Trichloroethane                         | 0.62   |           | 0.20  | 0.036 | ppb v/v | 1       |   | TO-15  | Total/NA  |
| Cyclohexane                                   | 3.8    |           | 0.20  | 0.046 | ppb v/v | 1       |   | TO-15  | Total/NA  |
| Carbon tetrachloride                          | 0.062  |           | 0.035 | 0.024 | ppb v/v | 1       |   | TO-15  | Total/NA  |
| 2,2,4-Trimethylpentane                        | 3.2    |           | 0.20  | 0.041 | ppb v/v | 1       |   | TO-15  | Total/NA  |
| Benzene                                       | 5.9    |           | 0.20  | 0.067 | ppb v/v | 1       |   | TO-15  | Total/NA  |
| n-Heptane                                     | 9.2    |           | 0.20  | 0.056 | ppb v/v | 1       |   | TO-15  | Total/NA  |
| Trichloroethene                               | 13     |           | 0.037 | 0.035 | ppb v/v | 1       |   | TO-15  | Total/NA  |
| 4-Methyl-2-pentanone (Methyl isobutyl ketone) | 0.63   |           | 0.50  | 0.036 | ppb v/v | 1       |   | TO-15  | Total/NA  |
| Toluene                                       | 23     |           | 0.20  | 0.11  | ppb v/v | 1       |   | TO-15  | Total/NA  |
| Tetrachloroethene                             | 150    | E         | 0.20  | 0.033 | ppb v/v | 1       |   | TO-15  | Total/NA  |
| Methyl Butyl Ketone (2-Hexanone)              | 0.57   |           | 0.50  | 0.048 | ppb v/v | 1       |   | TO-15  | Total/NA  |
| Ethylbenzene                                  | 5.4    |           | 0.20  | 0.063 | ppb v/v | 1       |   | TO-15  | Total/NA  |
| m,p-Xylene                                    | 22     |           | 0.50  | 0.10  | ppb v/v | 1       |   | TO-15  | Total/NA  |
| o-Xylene                                      | 6.7    |           | 0.20  | 0.048 | ppb v/v | 1       |   | TO-15  | Total/NA  |
| Styrene                                       | 0.075  | J         | 0.20  | 0.040 | ppb v/v | 1       |   | TO-15  | Total/NA  |
| Cumene                                        | 0.63   |           | 0.20  | 0.035 | ppb v/v | 1       |   | TO-15  | Total/NA  |
| n-Propylbenzene                               | 1.1    |           | 0.20  | 0.039 | ppb v/v | 1       |   | TO-15  | Total/NA  |
| 4-Ethyltoluene                                | 1.4    |           | 0.20  | 0.041 | ppb v/v | 1       |   | TO-15  | Total/NA  |
| 1,3,5-Trimethylbenzene                        | 2.1    |           | 0.20  | 0.039 | ppb v/v | 1       |   | TO-15  | Total/NA  |
| 1,2,4-Trimethylbenzene                        | 4.4    |           | 0.20  | 0.044 | ppb v/v | 1       |   | TO-15  | Total/NA  |
| sec-Butylbenzene                              | 0.18   | J         | 0.20  | 0.035 | ppb v/v | 1       |   | TO-15  | Total/NA  |
| 4-Isopropyltoluene                            | 0.17   | J         | 0.20  | 0.039 | ppb v/v | 1       |   | TO-15  | Total/NA  |
| n-Butylbenzene                                | 0.18   | J         | 0.20  | 0.039 | ppb v/v | 1       |   | TO-15  | Total/NA  |
| n-Butane - DL                                 | 48     | D         | 7.7   | 1.7   | ppb v/v | 15.4    |   | TO-15  | Total/NA  |
| 1,3-Butadiene - DL                            | 8.1    | D         | 3.1   | 0.88  | ppb v/v | 15.4    |   | TO-15  | Total/NA  |
| Carbon disulfide - DL                         | 4.4    | J D       | 7.7   | 1.1   | ppb v/v | 15.4    |   | TO-15  | Total/NA  |
| n-Hexane - DL                                 | 9.6    | D         | 3.1   | 3.1   | ppb v/v | 15.4    |   | TO-15  | Total/NA  |
| 1,1,1-Trichloroethane - DL                    | 0.58   | J D       | 3.1   | 0.55  | ppb v/v | 15.4    |   | TO-15  | Total/NA  |
| Cyclohexane - DL                              | 3.3    | D         | 3.1   | 0.71  | ppb v/v | 15.4    |   | TO-15  | Total/NA  |
| 2,2,4-Trimethylpentane - DL                   | 2.8    | J D       | 3.1   | 0.63  | ppb v/v | 15.4    |   | TO-15  | Total/NA  |
| Benzene - DL                                  | 6.2    | D         | 3.1   | 1.0   | ppb v/v | 15.4    |   | TO-15  | Total/NA  |

This Detection Summary does not include radiochemical test results.

Eurofins TestAmerica, Burlington

# Detection Summary

Client: Stantec Consulting Services Inc  
Project/Site: Easton Cooper Industries

Job ID: 200-56451-1  
SDG: 200-56451-1

## Client Sample ID: SG-205 (Continued)

## Lab Sample ID: 200-56451-5

| Analyte                     | Result | Qualifier | RL   | MDL  | Unit    | Dil Fac | D | Method | Prep Type |
|-----------------------------|--------|-----------|------|------|---------|---------|---|--------|-----------|
| n-Heptane - DL              | 8.1    | D         | 3.1  | 0.86 | ppb v/v | 15.4    |   | TO-15  | Total/NA  |
| Trichloroethene - DL        | 13     | D         | 0.57 | 0.54 | ppb v/v | 15.4    |   | TO-15  | Total/NA  |
| Toluene - DL                | 25     | D         | 3.1  | 1.7  | ppb v/v | 15.4    |   | TO-15  | Total/NA  |
| Tetrachloroethene - DL      | 430    | D         | 3.1  | 0.51 | ppb v/v | 15.4    |   | TO-15  | Total/NA  |
| Ethylbenzene - DL           | 4.8    | D         | 3.1  | 0.97 | ppb v/v | 15.4    |   | TO-15  | Total/NA  |
| m,p-Xylene - DL             | 19     | D         | 7.7  | 1.5  | ppb v/v | 15.4    |   | TO-15  | Total/NA  |
| o-Xylene - DL               | 5.5    | D         | 3.1  | 0.74 | ppb v/v | 15.4    |   | TO-15  | Total/NA  |
| n-Propylbenzene - DL        | 0.88   | J D       | 3.1  | 0.60 | ppb v/v | 15.4    |   | TO-15  | Total/NA  |
| 4-Ethyltoluene - DL         | 0.92   | J D       | 3.1  | 0.63 | ppb v/v | 15.4    |   | TO-15  | Total/NA  |
| 1,3,5-Trimethylbenzene - DL | 1.6    | J D       | 3.1  | 0.60 | ppb v/v | 15.4    |   | TO-15  | Total/NA  |
| 1,2,4-Trimethylbenzene - DL | 3.0    | D         | 3.1  | 0.68 | ppb v/v | 15.4    |   | TO-15  | Total/NA  |

## Client Sample ID: SG-206

## Lab Sample ID: 200-56451-6

| Analyte                                       | Result | Qualifier | RL   | MDL   | Unit    | Dil Fac | D | Method | Prep Type |
|-----------------------------------------------|--------|-----------|------|-------|---------|---------|---|--------|-----------|
| Dichlorodifluoromethane                       | 1.4    | J         | 2.5  | 0.54  | ug/m3   | 1       |   | TO-15  | Total/NA  |
| n-Butane                                      | 94     |           | 1.2  | 0.26  | ug/m3   | 1       |   | TO-15  | Total/NA  |
| 1,3-Butadiene                                 | 9.2    |           | 0.44 | 0.13  | ug/m3   | 1       |   | TO-15  | Total/NA  |
| Trichlorofluoromethane                        | 0.74   | J         | 1.1  | 0.34  | ug/m3   | 1       |   | TO-15  | Total/NA  |
| 1,1,2-Trichlorotrifluoroethane                | 0.68   | J         | 1.5  | 0.29  | ug/m3   | 1       |   | TO-15  | Total/NA  |
| Acetone                                       | 23     |           | 12   | 2.9   | ug/m3   | 1       |   | TO-15  | Total/NA  |
| Isopropyl alcohol                             | 2.2    | J         | 12   | 1.2   | ug/m3   | 1       |   | TO-15  | Total/NA  |
| Carbon disulfide                              | 7.9    |           | 1.6  | 0.23  | ug/m3   | 1       |   | TO-15  | Total/NA  |
| n-Hexane                                      | 23     |           | 0.70 | 0.70  | ug/m3   | 1       |   | TO-15  | Total/NA  |
| Methyl Ethyl Ketone (2-Butanone)              | 7.5    |           | 1.5  | 0.21  | ug/m3   | 1       |   | TO-15  | Total/NA  |
| Cyclohexane                                   | 8.7    |           | 0.69 | 0.16  | ug/m3   | 1       |   | TO-15  | Total/NA  |
| 2,2,4-Trimethylpentane                        | 4.1    |           | 0.93 | 0.19  | ug/m3   | 1       |   | TO-15  | Total/NA  |
| Benzene                                       | 10     |           | 0.64 | 0.21  | ug/m3   | 1       |   | TO-15  | Total/NA  |
| n-Heptane                                     | 16     |           | 0.82 | 0.23  | ug/m3   | 1       |   | TO-15  | Total/NA  |
| Trichloroethene                               | 12     |           | 0.20 | 0.19  | ug/m3   | 1       |   | TO-15  | Total/NA  |
| 4-Methyl-2-pentanone (Methyl isobutyl ketone) | 2.6    |           | 2.0  | 0.15  | ug/m3   | 1       |   | TO-15  | Total/NA  |
| Toluene                                       | 17     |           | 0.75 | 0.41  | ug/m3   | 1       |   | TO-15  | Total/NA  |
| Tetrachloroethene                             | 220    |           | 1.4  | 0.22  | ug/m3   | 1       |   | TO-15  | Total/NA  |
| Methyl Butyl Ketone (2-Hexanone)              | 4.3    |           | 2.0  | 0.20  | ug/m3   | 1       |   | TO-15  | Total/NA  |
| Ethylbenzene                                  | 3.8    |           | 0.87 | 0.27  | ug/m3   | 1       |   | TO-15  | Total/NA  |
| m,p-Xylene                                    | 15     |           | 2.2  | 0.43  | ug/m3   | 1       |   | TO-15  | Total/NA  |
| o-Xylene                                      | 4.9    |           | 0.87 | 0.21  | ug/m3   | 1       |   | TO-15  | Total/NA  |
| Styrene                                       | 0.65   | J         | 0.85 | 0.17  | ug/m3   | 1       |   | TO-15  | Total/NA  |
| Cumene                                        | 0.51   | J         | 0.98 | 0.17  | ug/m3   | 1       |   | TO-15  | Total/NA  |
| n-Propylbenzene                               | 1.0    |           | 0.98 | 0.19  | ug/m3   | 1       |   | TO-15  | Total/NA  |
| 4-Ethyltoluene                                | 1.2    |           | 0.98 | 0.20  | ug/m3   | 1       |   | TO-15  | Total/NA  |
| 1,3,5-Trimethylbenzene                        | 2.2    |           | 0.98 | 0.19  | ug/m3   | 1       |   | TO-15  | Total/NA  |
| 1,2,4-Trimethylbenzene                        | 5.3    |           | 0.98 | 0.22  | ug/m3   | 1       |   | TO-15  | Total/NA  |
| sec-Butylbenzene                              | 0.25   | J         | 1.1  | 0.19  | ug/m3   | 1       |   | TO-15  | Total/NA  |
| 4-Isopropyltoluene                            | 0.27   | J         | 1.1  | 0.21  | ug/m3   | 1       |   | TO-15  | Total/NA  |
| n-Butylbenzene                                | 0.39   | J         | 1.1  | 0.21  | ug/m3   | 1       |   | TO-15  | Total/NA  |
| Analyte                                       | Result | Qualifier | RL   | MDL   | Unit    | Dil Fac | D | Method | Prep Type |
| Dichlorodifluoromethane                       | 0.28   | J         | 0.50 | 0.11  | ppb v/v | 1       |   | TO-15  | Total/NA  |
| n-Butane                                      | 40     |           | 0.50 | 0.11  | ppb v/v | 1       |   | TO-15  | Total/NA  |
| 1,3-Butadiene                                 | 4.2    |           | 0.20 | 0.057 | ppb v/v | 1       |   | TO-15  | Total/NA  |

This Detection Summary does not include radiochemical test results.

Eurofins TestAmerica, Burlington

# Detection Summary

Client: Stantec Consulting Services Inc  
Project/Site: Easton Cooper Industries

Job ID: 200-56451-1  
SDG: 200-56451-1

**Client Sample ID: SG-206 (Continued)**

**Lab Sample ID: 200-56451-6**

| Analyte                                       | Result | Qualifier | RL    | MDL   | Unit    | Dil Fac | D | Method | Prep Type |
|-----------------------------------------------|--------|-----------|-------|-------|---------|---------|---|--------|-----------|
| Trichlorofluoromethane                        | 0.13   | J         | 0.20  | 0.060 | ppb v/v | 1       |   | TO-15  | Total/NA  |
| 1,1,2-Trichlorotrifluoroethane                | 0.089  | J         | 0.20  | 0.038 | ppb v/v | 1       |   | TO-15  | Total/NA  |
| Acetone                                       | 9.9    |           | 5.0   | 1.2   | ppb v/v | 1       |   | TO-15  | Total/NA  |
| Isopropyl alcohol                             | 0.89   | J         | 5.0   | 0.48  | ppb v/v | 1       |   | TO-15  | Total/NA  |
| Carbon disulfide                              | 2.5    |           | 0.50  | 0.074 | ppb v/v | 1       |   | TO-15  | Total/NA  |
| n-Hexane                                      | 6.6    |           | 0.20  | 0.20  | ppb v/v | 1       |   | TO-15  | Total/NA  |
| Methyl Ethyl Ketone (2-Butanone)              | 2.5    |           | 0.50  | 0.072 | ppb v/v | 1       |   | TO-15  | Total/NA  |
| Cyclohexane                                   | 2.5    |           | 0.20  | 0.046 | ppb v/v | 1       |   | TO-15  | Total/NA  |
| 2,2,4-Trimethylpentane                        | 0.87   |           | 0.20  | 0.041 | ppb v/v | 1       |   | TO-15  | Total/NA  |
| Benzene                                       | 3.2    |           | 0.20  | 0.067 | ppb v/v | 1       |   | TO-15  | Total/NA  |
| n-Heptane                                     | 3.8    |           | 0.20  | 0.056 | ppb v/v | 1       |   | TO-15  | Total/NA  |
| Trichloroethene                               | 2.3    |           | 0.037 | 0.035 | ppb v/v | 1       |   | TO-15  | Total/NA  |
| 4-Methyl-2-pentanone (Methyl isobutyl ketone) | 0.63   |           | 0.50  | 0.036 | ppb v/v | 1       |   | TO-15  | Total/NA  |
| Toluene                                       | 4.5    |           | 0.20  | 0.11  | ppb v/v | 1       |   | TO-15  | Total/NA  |
| Tetrachloroethene                             | 33     |           | 0.20  | 0.033 | ppb v/v | 1       |   | TO-15  | Total/NA  |
| Methyl Butyl Ketone (2-Hexanone)              | 1.1    |           | 0.50  | 0.048 | ppb v/v | 1       |   | TO-15  | Total/NA  |
| Ethylbenzene                                  | 0.88   |           | 0.20  | 0.063 | ppb v/v | 1       |   | TO-15  | Total/NA  |
| m,p-Xylene                                    | 3.5    |           | 0.50  | 0.10  | ppb v/v | 1       |   | TO-15  | Total/NA  |
| o-Xylene                                      | 1.1    |           | 0.20  | 0.048 | ppb v/v | 1       |   | TO-15  | Total/NA  |
| Styrene                                       | 0.15   | J         | 0.20  | 0.040 | ppb v/v | 1       |   | TO-15  | Total/NA  |
| Cumene                                        | 0.10   | J         | 0.20  | 0.035 | ppb v/v | 1       |   | TO-15  | Total/NA  |
| n-Propylbenzene                               | 0.20   |           | 0.20  | 0.039 | ppb v/v | 1       |   | TO-15  | Total/NA  |
| 4-Ethyltoluene                                | 0.24   |           | 0.20  | 0.041 | ppb v/v | 1       |   | TO-15  | Total/NA  |
| 1,3,5-Trimethylbenzene                        | 0.44   |           | 0.20  | 0.039 | ppb v/v | 1       |   | TO-15  | Total/NA  |
| 1,2,4-Trimethylbenzene                        | 1.1    |           | 0.20  | 0.044 | ppb v/v | 1       |   | TO-15  | Total/NA  |
| sec-Butylbenzene                              | 0.045  | J         | 0.20  | 0.035 | ppb v/v | 1       |   | TO-15  | Total/NA  |
| 4-Isopropyltoluene                            | 0.050  | J         | 0.20  | 0.039 | ppb v/v | 1       |   | TO-15  | Total/NA  |
| n-Butylbenzene                                | 0.071  | J         | 0.20  | 0.039 | ppb v/v | 1       |   | TO-15  | Total/NA  |

**Client Sample ID: SG-207**

**Lab Sample ID: 200-56451-7**

| Analyte                                       | Result | Qualifier | RL   | MDL  | Unit  | Dil Fac | D | Method | Prep Type |
|-----------------------------------------------|--------|-----------|------|------|-------|---------|---|--------|-----------|
| Dichlorodifluoromethane                       | 1.9    | J         | 2.5  | 0.54 | ug/m3 | 1       |   | TO-15  | Total/NA  |
| Chlorodifluoromethane                         | 0.79   | J         | 1.8  | 0.42 | ug/m3 | 1       |   | TO-15  | Total/NA  |
| Chloromethane                                 | 0.94   | J         | 1.0  | 0.23 | ug/m3 | 1       |   | TO-15  | Total/NA  |
| n-Butane                                      | 12     |           | 1.2  | 0.26 | ug/m3 | 1       |   | TO-15  | Total/NA  |
| 1,3-Butadiene                                 | 2.8    |           | 0.44 | 0.13 | ug/m3 | 1       |   | TO-15  | Total/NA  |
| Trichlorofluoromethane                        | 1.5    |           | 1.1  | 0.34 | ug/m3 | 1       |   | TO-15  | Total/NA  |
| 1,1,2-Trichlorotrifluoroethane                | 0.59   | J         | 1.5  | 0.29 | ug/m3 | 1       |   | TO-15  | Total/NA  |
| Acetone                                       | 12     |           | 12   | 2.9  | ug/m3 | 1       |   | TO-15  | Total/NA  |
| Isopropyl alcohol                             | 4.7    | J         | 12   | 1.2  | ug/m3 | 1       |   | TO-15  | Total/NA  |
| Carbon disulfide                              | 3.3    |           | 1.6  | 0.23 | ug/m3 | 1       |   | TO-15  | Total/NA  |
| n-Hexane                                      | 2.4    |           | 0.70 | 0.70 | ug/m3 | 1       |   | TO-15  | Total/NA  |
| Methyl Ethyl Ketone (2-Butanone)              | 6.5    |           | 1.5  | 0.21 | ug/m3 | 1       |   | TO-15  | Total/NA  |
| Cyclohexane                                   | 0.46   | J         | 0.69 | 0.16 | ug/m3 | 1       |   | TO-15  | Total/NA  |
| Carbon tetrachloride                          | 0.35   |           | 0.22 | 0.15 | ug/m3 | 1       |   | TO-15  | Total/NA  |
| Benzene                                       | 1.7    |           | 0.64 | 0.21 | ug/m3 | 1       |   | TO-15  | Total/NA  |
| n-Heptane                                     | 1.4    |           | 0.82 | 0.23 | ug/m3 | 1       |   | TO-15  | Total/NA  |
| Trichloroethene                               | 0.31   |           | 0.20 | 0.19 | ug/m3 | 1       |   | TO-15  | Total/NA  |
| 4-Methyl-2-pentanone (Methyl isobutyl ketone) | 0.69   | J         | 2.0  | 0.15 | ug/m3 | 1       |   | TO-15  | Total/NA  |

This Detection Summary does not include radiochemical test results.

Eurofins TestAmerica, Burlington

# Detection Summary

Client: Stantec Consulting Services Inc  
Project/Site: Easton Cooper Industries

Job ID: 200-56451-1  
SDG: 200-56451-1

**Client Sample ID: SG-207 (Continued)**

**Lab Sample ID: 200-56451-7**

| Analyte                                       | Result | Qualifier | RL    | MDL   | Unit    | Dil | Fac | D | Method | Prep Type |
|-----------------------------------------------|--------|-----------|-------|-------|---------|-----|-----|---|--------|-----------|
| Toluene                                       | 1.8    |           | 0.75  | 0.41  | ug/m3   | 1   |     |   | TO-15  | Total/NA  |
| Tetrachloroethene                             | 1.3    | J         | 1.4   | 0.22  | ug/m3   | 1   |     |   | TO-15  | Total/NA  |
| Methyl Butyl Ketone (2-Hexanone)              | 0.60   | J         | 2.0   | 0.20  | ug/m3   | 1   |     |   | TO-15  | Total/NA  |
| Ethylbenzene                                  | 0.40   | J         | 0.87  | 0.27  | ug/m3   | 1   |     |   | TO-15  | Total/NA  |
| m,p-Xylene                                    | 1.3    | J         | 2.2   | 0.43  | ug/m3   | 1   |     |   | TO-15  | Total/NA  |
| o-Xylene                                      | 0.47   | J         | 0.87  | 0.21  | ug/m3   | 1   |     |   | TO-15  | Total/NA  |
| 1,2,4-Trimethylbenzene                        | 0.33   | J         | 0.98  | 0.22  | ug/m3   | 1   |     |   | TO-15  | Total/NA  |
| Analyte                                       | Result | Qualifier | RL    | MDL   | Unit    | Dil | Fac | D | Method | Prep Type |
| Dichlorodifluoromethane                       | 0.38   | J         | 0.50  | 0.11  | ppb v/v | 1   |     |   | TO-15  | Total/NA  |
| Chlorodifluoromethane                         | 0.22   | J         | 0.50  | 0.12  | ppb v/v | 1   |     |   | TO-15  | Total/NA  |
| Chloromethane                                 | 0.45   | J         | 0.50  | 0.11  | ppb v/v | 1   |     |   | TO-15  | Total/NA  |
| n-Butane                                      | 5.1    |           | 0.50  | 0.11  | ppb v/v | 1   |     |   | TO-15  | Total/NA  |
| 1,3-Butadiene                                 | 1.3    |           | 0.20  | 0.057 | ppb v/v | 1   |     |   | TO-15  | Total/NA  |
| Trichlorofluoromethane                        | 0.27   |           | 0.20  | 0.060 | ppb v/v | 1   |     |   | TO-15  | Total/NA  |
| 1,1,2-Trichlorotrifluoroethane                | 0.077  | J         | 0.20  | 0.038 | ppb v/v | 1   |     |   | TO-15  | Total/NA  |
| Acetone                                       | 4.9    |           | 5.0   | 1.2   | ppb v/v | 1   |     |   | TO-15  | Total/NA  |
| Isopropyl alcohol                             | 1.9    | J         | 5.0   | 0.48  | ppb v/v | 1   |     |   | TO-15  | Total/NA  |
| Carbon disulfide                              | 1.1    |           | 0.50  | 0.074 | ppb v/v | 1   |     |   | TO-15  | Total/NA  |
| n-Hexane                                      | 0.68   |           | 0.20  | 0.20  | ppb v/v | 1   |     |   | TO-15  | Total/NA  |
| Methyl Ethyl Ketone (2-Butanone)              | 2.2    |           | 0.50  | 0.072 | ppb v/v | 1   |     |   | TO-15  | Total/NA  |
| Cyclohexane                                   | 0.13   | J         | 0.20  | 0.046 | ppb v/v | 1   |     |   | TO-15  | Total/NA  |
| Carbon tetrachloride                          | 0.055  |           | 0.035 | 0.024 | ppb v/v | 1   |     |   | TO-15  | Total/NA  |
| Benzene                                       | 0.53   |           | 0.20  | 0.067 | ppb v/v | 1   |     |   | TO-15  | Total/NA  |
| n-Heptane                                     | 0.34   |           | 0.20  | 0.056 | ppb v/v | 1   |     |   | TO-15  | Total/NA  |
| Trichloroethene                               | 0.057  |           | 0.037 | 0.035 | ppb v/v | 1   |     |   | TO-15  | Total/NA  |
| 4-Methyl-2-pentanone (Methyl isobutyl ketone) | 0.17   | J         | 0.50  | 0.036 | ppb v/v | 1   |     |   | TO-15  | Total/NA  |
| Toluene                                       | 0.48   |           | 0.20  | 0.11  | ppb v/v | 1   |     |   | TO-15  | Total/NA  |
| Tetrachloroethene                             | 0.19   | J         | 0.20  | 0.033 | ppb v/v | 1   |     |   | TO-15  | Total/NA  |
| Methyl Butyl Ketone (2-Hexanone)              | 0.15   | J         | 0.50  | 0.048 | ppb v/v | 1   |     |   | TO-15  | Total/NA  |
| Ethylbenzene                                  | 0.092  | J         | 0.20  | 0.063 | ppb v/v | 1   |     |   | TO-15  | Total/NA  |
| m,p-Xylene                                    | 0.29   | J         | 0.50  | 0.10  | ppb v/v | 1   |     |   | TO-15  | Total/NA  |
| o-Xylene                                      | 0.11   | J         | 0.20  | 0.048 | ppb v/v | 1   |     |   | TO-15  | Total/NA  |
| 1,2,4-Trimethylbenzene                        | 0.067  | J         | 0.20  | 0.044 | ppb v/v | 1   |     |   | TO-15  | Total/NA  |

**Client Sample ID: TRIP BLANK**

**Lab Sample ID: 200-56451-8**

No Detections.

# Client Sample Results

Client: Stantec Consulting Services Inc  
Project/Site: Easton Cooper Industries

Job ID: 200-56451-1  
SDG: 200-56451-1

**Client Sample ID: SG-201**

**Lab Sample ID: 200-56451-1**

**Date Collected: 12/09/20 14:58**

**Matrix: Air**

**Date Received: 12/10/20 10:35**

**Sample Container: Summa Canister 6L**

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

| Analyte                                              | Result      | Qualifier | RL   | MDL  | Unit  | D | Prepared | Analyzed       | Dil Fac |
|------------------------------------------------------|-------------|-----------|------|------|-------|---|----------|----------------|---------|
| <b>Dichlorodifluoromethane</b>                       | <b>1.9</b>  | <b>J</b>  | 2.5  | 0.54 | ug/m3 |   |          | 12/18/20 23:04 | 1       |
| Chlorodifluoromethane                                | 1.8         | U         | 1.8  | 0.42 | ug/m3 |   |          | 12/18/20 23:04 | 1       |
| 1,2-Dichlorotetrafluoroethane                        | 1.4         | U         | 1.4  | 0.24 | ug/m3 |   |          | 12/18/20 23:04 | 1       |
| <b>Chloromethane</b>                                 | <b>0.88</b> | <b>J</b>  | 1.0  | 0.23 | ug/m3 |   |          | 12/18/20 23:04 | 1       |
| <b>n-Butane</b>                                      | <b>110</b>  | <b>E</b>  | 1.2  | 0.26 | ug/m3 |   |          | 12/18/20 23:04 | 1       |
| Vinyl chloride                                       | 0.20        | U         | 0.20 | 0.11 | ug/m3 |   |          | 12/18/20 23:04 | 1       |
| <b>1,3-Butadiene</b>                                 | <b>15</b>   |           | 0.44 | 0.13 | ug/m3 |   |          | 12/18/20 23:04 | 1       |
| Bromomethane                                         | 0.78        | U         | 0.78 | 0.20 | ug/m3 |   |          | 12/18/20 23:04 | 1       |
| <b>Chloroethane</b>                                  | <b>4.9</b>  |           | 1.3  | 0.14 | ug/m3 |   |          | 12/18/20 23:04 | 1       |
| Bromoethene(Vinyl Bromide)                           | 0.87        | U         | 0.87 | 0.23 | ug/m3 |   |          | 12/18/20 23:04 | 1       |
| <b>Trichlorofluoromethane</b>                        | <b>1.4</b>  |           | 1.1  | 0.34 | ug/m3 |   |          | 12/18/20 23:04 | 1       |
| <b>1,1,2-Trichlorotrifluoroethane</b>                | <b>12</b>   |           | 1.5  | 0.29 | ug/m3 |   |          | 12/18/20 23:04 | 1       |
| <b>1,1-Dichloroethene</b>                            | <b>1.6</b>  |           | 0.20 | 0.15 | ug/m3 |   |          | 12/18/20 23:04 | 1       |
| <b>Acetone</b>                                       | <b>24</b>   |           | 12   | 2.9  | ug/m3 |   |          | 12/18/20 23:04 | 1       |
| <b>Isopropyl alcohol</b>                             | <b>2.2</b>  | <b>J</b>  | 12   | 1.2  | ug/m3 |   |          | 12/18/20 23:04 | 1       |
| <b>Carbon disulfide</b>                              | <b>23</b>   |           | 1.6  | 0.23 | ug/m3 |   |          | 12/18/20 23:04 | 1       |
| 3-Chloropropene                                      | 1.6         | U         | 1.6  | 0.20 | ug/m3 |   |          | 12/18/20 23:04 | 1       |
| Methylene Chloride                                   | 1.7         | U         | 1.7  | 0.94 | ug/m3 |   |          | 12/18/20 23:04 | 1       |
| <b>tert-Butyl alcohol</b>                            | <b>0.51</b> | <b>J</b>  | 15   | 0.12 | ug/m3 |   |          | 12/18/20 23:04 | 1       |
| Methyl tert-butyl ether                              | 0.72        | U         | 0.72 | 0.12 | ug/m3 |   |          | 12/18/20 23:04 | 1       |
| trans-1,2-Dichloroethene                             | 0.79        | U         | 0.79 | 0.17 | ug/m3 |   |          | 12/18/20 23:04 | 1       |
| <b>n-Hexane</b>                                      | <b>28</b>   |           | 0.70 | 0.70 | ug/m3 |   |          | 12/18/20 23:04 | 1       |
| <b>1,1-Dichloroethane</b>                            | <b>32</b>   |           | 0.81 | 0.17 | ug/m3 |   |          | 12/18/20 23:04 | 1       |
| <b>Methyl Ethyl Ketone (2-Butanone)</b>              | <b>6.8</b>  |           | 1.5  | 0.21 | ug/m3 |   |          | 12/18/20 23:04 | 1       |
| <b>cis-1,2-Dichloroethene</b>                        | <b>10</b>   |           | 0.20 | 0.18 | ug/m3 |   |          | 12/18/20 23:04 | 1       |
| <b>Chloroform</b>                                    | <b>0.94</b> | <b>J</b>  | 0.98 | 0.16 | ug/m3 |   |          | 12/18/20 23:04 | 1       |
| Tetrahydrofuran                                      | 15          | U         | 15   | 0.19 | ug/m3 |   |          | 12/18/20 23:04 | 1       |
| <b>1,1,1-Trichloroethane</b>                         | <b>53</b>   |           | 1.1  | 0.20 | ug/m3 |   |          | 12/18/20 23:04 | 1       |
| <b>Cyclohexane</b>                                   | <b>4.2</b>  |           | 0.69 | 0.16 | ug/m3 |   |          | 12/18/20 23:04 | 1       |
| <b>Carbon tetrachloride</b>                          | <b>0.41</b> |           | 0.22 | 0.15 | ug/m3 |   |          | 12/18/20 23:04 | 1       |
| <b>2,2,4-Trimethylpentane</b>                        | <b>18</b>   |           | 0.93 | 0.19 | ug/m3 |   |          | 12/18/20 23:04 | 1       |
| <b>Benzene</b>                                       | <b>8.0</b>  |           | 0.64 | 0.21 | ug/m3 |   |          | 12/18/20 23:04 | 1       |
| 1,2-Dichloroethane                                   | 0.81        | U         | 0.81 | 0.13 | ug/m3 |   |          | 12/18/20 23:04 | 1       |
| <b>n-Heptane</b>                                     | <b>26</b>   |           | 0.82 | 0.23 | ug/m3 |   |          | 12/18/20 23:04 | 1       |
| <b>Trichloroethene</b>                               | <b>24</b>   |           | 0.20 | 0.19 | ug/m3 |   |          | 12/18/20 23:04 | 1       |
| Methyl methacrylate                                  | 2.0         | U         | 2.0  | 0.14 | ug/m3 |   |          | 12/18/20 23:04 | 1       |
| 1,2-Dichloropropane                                  | 0.92        | U         | 0.92 | 0.15 | ug/m3 |   |          | 12/18/20 23:04 | 1       |
| 1,4-Dioxane                                          | 18          | U         | 18   | 0.30 | ug/m3 |   |          | 12/18/20 23:04 | 1       |
| Bromodichloromethane                                 | 1.3         | U         | 1.3  | 0.23 | ug/m3 |   |          | 12/18/20 23:04 | 1       |
| cis-1,3-Dichloropropene                              | 0.91        | U         | 0.91 | 0.15 | ug/m3 |   |          | 12/18/20 23:04 | 1       |
| <b>4-Methyl-2-pentanone (Methyl isobutyl ketone)</b> | <b>2.7</b>  |           | 2.0  | 0.15 | ug/m3 |   |          | 12/18/20 23:04 | 1       |
| <b>Toluene</b>                                       | <b>23</b>   |           | 0.75 | 0.41 | ug/m3 |   |          | 12/18/20 23:04 | 1       |
| trans-1,3-Dichloropropene                            | 0.91        | U         | 0.91 | 0.18 | ug/m3 |   |          | 12/18/20 23:04 | 1       |
| 1,1,2-Trichloroethane                                | 1.1         | U         | 1.1  | 0.20 | ug/m3 |   |          | 12/18/20 23:04 | 1       |
| <b>Tetrachloroethene</b>                             | <b>580</b>  | <b>E</b>  | 1.4  | 0.22 | ug/m3 |   |          | 12/18/20 23:04 | 1       |
| Methyl Butyl Ketone (2-Hexanone)                     | 2.0         | U         | 2.0  | 0.20 | ug/m3 |   |          | 12/18/20 23:04 | 1       |
| Dibromochloromethane                                 | 1.7         | U         | 1.7  | 0.31 | ug/m3 |   |          | 12/18/20 23:04 | 1       |
| 1,2-Dibromoethane                                    | 1.5         | U         | 1.5  | 0.38 | ug/m3 |   |          | 12/18/20 23:04 | 1       |

Eurofins TestAmerica, Burlington



# Client Sample Results

Client: Stantec Consulting Services Inc  
Project/Site: Easton Cooper Industries

Job ID: 200-56451-1  
SDG: 200-56451-1

**Client Sample ID: SG-201**

**Lab Sample ID: 200-56451-1**

**Date Collected: 12/09/20 14:58**

**Matrix: Air**

**Date Received: 12/10/20 10:35**

**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 |
|---------------------------------------|-------------|-----------|-------|-------|---------|---|----------|----------------|---------|
| Chlorobenzene                         | 0.92        | U         | 0.92  | 0.26  | ug/m3   |   |          | 12/18/20 23:04 | 1       |
| <b>Ethylbenzene</b>                   | <b>30</b>   |           | 0.87  | 0.27  | ug/m3   |   |          | 12/18/20 23:04 | 1       |
| <b>m,p-Xylene</b>                     | <b>140</b>  |           | 2.2   | 0.43  | ug/m3   |   |          | 12/18/20 23:04 | 1       |
| <b>o-Xylene</b>                       | <b>69</b>   |           | 0.87  | 0.21  | ug/m3   |   |          | 12/18/20 23:04 | 1       |
| Styrene                               | 0.85        | U         | 0.85  | 0.17  | ug/m3   |   |          | 12/18/20 23:04 | 1       |
| Bromoform                             | 2.1         | U         | 2.1   | 0.50  | ug/m3   |   |          | 12/18/20 23:04 | 1       |
| Cumene                                | 0.98        | U         | 0.98  | 0.17  | ug/m3   |   |          | 12/18/20 23:04 | 1       |
| 1,1,2,2-Tetrachloroethane             | 1.4         | U         | 1.4   | 0.29  | ug/m3   |   |          | 12/18/20 23:04 | 1       |
| <b>n-Propylbenzene</b>                | <b>3.0</b>  |           | 0.98  | 0.19  | ug/m3   |   |          | 12/18/20 23:04 | 1       |
| <b>4-Ethyltoluene</b>                 | <b>4.2</b>  |           | 0.98  | 0.20  | ug/m3   |   |          | 12/18/20 23:04 | 1       |
| <b>1,3,5-Trimethylbenzene</b>         | <b>4.6</b>  |           | 0.98  | 0.19  | ug/m3   |   |          | 12/18/20 23:04 | 1       |
| 2-Chlorotoluene                       | 1.0         | U         | 1.0   | 0.22  | ug/m3   |   |          | 12/18/20 23:04 | 1       |
| tert-Butylbenzene                     | 1.1         | U         | 1.1   | 0.19  | ug/m3   |   |          | 12/18/20 23:04 | 1       |
| <b>1,2,4-Trimethylbenzene</b>         | <b>16</b>   |           | 0.98  | 0.22  | ug/m3   |   |          | 12/18/20 23:04 | 1       |
| <b>sec-Butylbenzene</b>               | <b>0.50</b> | <b>J</b>  | 1.1   | 0.19  | ug/m3   |   |          | 12/18/20 23:04 | 1       |
| <b>4-Isopropyltoluene</b>             | <b>2.1</b>  |           | 1.1   | 0.21  | ug/m3   |   |          | 12/18/20 23:04 | 1       |
| 1,3-Dichlorobenzene                   | 1.2         | U         | 1.2   | 0.66  | ug/m3   |   |          | 12/18/20 23:04 | 1       |
| 1,4-Dichlorobenzene                   | 1.2         | U         | 1.2   | 0.72  | ug/m3   |   |          | 12/18/20 23:04 | 1       |
| Benzyl chloride                       | 1.0         | U         | 1.0   | 0.44  | ug/m3   |   |          | 12/18/20 23:04 | 1       |
| <b>n-Butylbenzene</b>                 | <b>1.0</b>  | <b>J</b>  | 1.1   | 0.21  | ug/m3   |   |          | 12/18/20 23:04 | 1       |
| 1,2-Dichlorobenzene                   | 1.2         | U         | 1.2   | 0.58  | ug/m3   |   |          | 12/18/20 23:04 | 1       |
| 1,2,4-Trichlorobenzene                | 3.7         | U         | 3.7   | 1.6   | ug/m3   |   |          | 12/18/20 23:04 | 1       |
| Hexachlorobutadiene                   | 2.1         | U         | 2.1   | 0.81  | ug/m3   |   |          | 12/18/20 23:04 | 1       |
| <b>Naphthalene</b>                    | <b>2.5</b>  | <b>J</b>  | 2.6   | 0.89  | ug/m3   |   |          | 12/18/20 23:04 | 1       |
| Analyte                               | Result      | Qualifier | RL    | MDL   | Unit    | D | Prepared | Analyzed       | Dil Fac |
| <b>Dichlorodifluoromethane</b>        | <b>0.39</b> | <b>J</b>  | 0.50  | 0.11  | ppb v/v |   |          | 12/18/20 23:04 | 1       |
| Chlorodifluoromethane                 | 0.50        | U         | 0.50  | 0.12  | ppb v/v |   |          | 12/18/20 23:04 | 1       |
| 1,2-Dichlorotetrafluoroethane         | 0.20        | U         | 0.20  | 0.035 | ppb v/v |   |          | 12/18/20 23:04 | 1       |
| <b>Chloromethane</b>                  | <b>0.43</b> | <b>J</b>  | 0.50  | 0.11  | ppb v/v |   |          | 12/18/20 23:04 | 1       |
| <b>n-Butane</b>                       | <b>46</b>   | <b>E</b>  | 0.50  | 0.11  | ppb v/v |   |          | 12/18/20 23:04 | 1       |
| Vinyl chloride                        | 0.078       | U         | 0.078 | 0.044 | ppb v/v |   |          | 12/18/20 23:04 | 1       |
| <b>1,3-Butadiene</b>                  | <b>7.0</b>  |           | 0.20  | 0.057 | ppb v/v |   |          | 12/18/20 23:04 | 1       |
| Bromomethane                          | 0.20        | U         | 0.20  | 0.051 | ppb v/v |   |          | 12/18/20 23:04 | 1       |
| <b>Chloroethane</b>                   | <b>1.9</b>  |           | 0.50  | 0.054 | ppb v/v |   |          | 12/18/20 23:04 | 1       |
| Bromoethene(Vinyl Bromide)            | 0.20        | U         | 0.20  | 0.052 | ppb v/v |   |          | 12/18/20 23:04 | 1       |
| <b>Trichlorofluoromethane</b>         | <b>0.24</b> |           | 0.20  | 0.060 | ppb v/v |   |          | 12/18/20 23:04 | 1       |
| <b>1,1,2-Trichlorotrifluoroethane</b> | <b>1.6</b>  |           | 0.20  | 0.038 | ppb v/v |   |          | 12/18/20 23:04 | 1       |
| <b>1,1-Dichloroethene</b>             | <b>0.39</b> |           | 0.050 | 0.039 | ppb v/v |   |          | 12/18/20 23:04 | 1       |
| <b>Acetone</b>                        | <b>10</b>   |           | 5.0   | 1.2   | ppb v/v |   |          | 12/18/20 23:04 | 1       |
| <b>Isopropyl alcohol</b>              | <b>0.88</b> | <b>J</b>  | 5.0   | 0.48  | ppb v/v |   |          | 12/18/20 23:04 | 1       |
| <b>Carbon disulfide</b>               | <b>7.4</b>  |           | 0.50  | 0.074 | ppb v/v |   |          | 12/18/20 23:04 | 1       |
| 3-Chloropropene                       | 0.50        | U         | 0.50  | 0.064 | ppb v/v |   |          | 12/18/20 23:04 | 1       |
| Methylene Chloride                    | 0.50        | U         | 0.50  | 0.27  | ppb v/v |   |          | 12/18/20 23:04 | 1       |
| <b>tert-Butyl alcohol</b>             | <b>0.17</b> | <b>J</b>  | 5.0   | 0.038 | ppb v/v |   |          | 12/18/20 23:04 | 1       |
| Methyl tert-butyl ether               | 0.20        | U         | 0.20  | 0.033 | ppb v/v |   |          | 12/18/20 23:04 | 1       |
| trans-1,2-Dichloroethene              | 0.20        | U         | 0.20  | 0.042 | ppb v/v |   |          | 12/18/20 23:04 | 1       |
| <b>n-Hexane</b>                       | <b>7.9</b>  |           | 0.20  | 0.20  | ppb v/v |   |          | 12/18/20 23:04 | 1       |
| <b>1,1-Dichloroethane</b>             | <b>7.9</b>  |           | 0.20  | 0.041 | ppb v/v |   |          | 12/18/20 23:04 | 1       |

# Client Sample Results

Client: Stantec Consulting Services Inc  
Project/Site: Easton Cooper Industries

Job ID: 200-56451-1  
SDG: 200-56451-1

**Client Sample ID: SG-201**

**Lab Sample ID: 200-56451-1**

**Date Collected: 12/09/20 14:58**

**Matrix: Air**

**Date Received: 12/10/20 10:35**

**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 |
|-----------------------------------------------|--------|-----------|-------|-------|---------|---|----------|----------------|---------|
| Methyl Ethyl Ketone (2-Butanone)              | 2.3    |           | 0.50  | 0.072 | ppb v/v |   |          | 12/18/20 23:04 | 1       |
| cis-1,2-Dichloroethene                        | 2.6    |           | 0.050 | 0.045 | ppb v/v |   |          | 12/18/20 23:04 | 1       |
| Chloroform                                    | 0.19   | J         | 0.20  | 0.032 | ppb v/v |   |          | 12/18/20 23:04 | 1       |
| Tetrahydrofuran                               | 5.0    | U         | 5.0   | 0.066 | ppb v/v |   |          | 12/18/20 23:04 | 1       |
| 1,1,1-Trichloroethane                         | 9.8    |           | 0.20  | 0.036 | ppb v/v |   |          | 12/18/20 23:04 | 1       |
| Cyclohexane                                   | 1.2    |           | 0.20  | 0.046 | ppb v/v |   |          | 12/18/20 23:04 | 1       |
| Carbon tetrachloride                          | 0.064  |           | 0.035 | 0.024 | ppb v/v |   |          | 12/18/20 23:04 | 1       |
| 2,2,4-Trimethylpentane                        | 3.7    |           | 0.20  | 0.041 | ppb v/v |   |          | 12/18/20 23:04 | 1       |
| Benzene                                       | 2.5    |           | 0.20  | 0.067 | ppb v/v |   |          | 12/18/20 23:04 | 1       |
| 1,2-Dichloroethane                            | 0.20   | U         | 0.20  | 0.032 | ppb v/v |   |          | 12/18/20 23:04 | 1       |
| n-Heptane                                     | 6.2    |           | 0.20  | 0.056 | ppb v/v |   |          | 12/18/20 23:04 | 1       |
| Trichloroethene                               | 4.4    |           | 0.037 | 0.035 | ppb v/v |   |          | 12/18/20 23:04 | 1       |
| Methyl methacrylate                           | 0.50   | U         | 0.50  | 0.033 | ppb v/v |   |          | 12/18/20 23:04 | 1       |
| 1,2-Dichloropropane                           | 0.20   | U         | 0.20  | 0.033 | ppb v/v |   |          | 12/18/20 23:04 | 1       |
| 1,4-Dioxane                                   | 5.0    | U         | 5.0   | 0.084 | ppb v/v |   |          | 12/18/20 23:04 | 1       |
| Bromodichloromethane                          | 0.20   | U         | 0.20  | 0.035 | ppb v/v |   |          | 12/18/20 23:04 | 1       |
| cis-1,3-Dichloropropene                       | 0.20   | U         | 0.20  | 0.032 | ppb v/v |   |          | 12/18/20 23:04 | 1       |
| 4-Methyl-2-pentanone (Methyl isobutyl ketone) | 0.65   |           | 0.50  | 0.036 | ppb v/v |   |          | 12/18/20 23:04 | 1       |
| Toluene                                       | 6.2    |           | 0.20  | 0.11  | ppb v/v |   |          | 12/18/20 23:04 | 1       |
| trans-1,3-Dichloropropene                     | 0.20   | U         | 0.20  | 0.039 | ppb v/v |   |          | 12/18/20 23:04 | 1       |
| 1,1,2-Trichloroethane                         | 0.20   | U         | 0.20  | 0.036 | ppb v/v |   |          | 12/18/20 23:04 | 1       |
| Tetrachloroethene                             | 85     | E         | 0.20  | 0.033 | ppb v/v |   |          | 12/18/20 23:04 | 1       |
| Methyl Butyl Ketone (2-Hexanone)              | 0.50   | U         | 0.50  | 0.048 | ppb v/v |   |          | 12/18/20 23:04 | 1       |
| Dibromochloromethane                          | 0.20   | U         | 0.20  | 0.036 | ppb v/v |   |          | 12/18/20 23:04 | 1       |
| 1,2-Dibromoethane                             | 0.20   | U         | 0.20  | 0.049 | ppb v/v |   |          | 12/18/20 23:04 | 1       |
| Chlorobenzene                                 | 0.20   | U         | 0.20  | 0.056 | ppb v/v |   |          | 12/18/20 23:04 | 1       |
| Ethylbenzene                                  | 6.8    |           | 0.20  | 0.063 | ppb v/v |   |          | 12/18/20 23:04 | 1       |
| m,p-Xylene                                    | 33     |           | 0.50  | 0.10  | ppb v/v |   |          | 12/18/20 23:04 | 1       |
| o-Xylene                                      | 16     |           | 0.20  | 0.048 | ppb v/v |   |          | 12/18/20 23:04 | 1       |
| Styrene                                       | 0.20   | U         | 0.20  | 0.040 | ppb v/v |   |          | 12/18/20 23:04 | 1       |
| Bromoform                                     | 0.20   | U         | 0.20  | 0.048 | ppb v/v |   |          | 12/18/20 23:04 | 1       |
| Cumene                                        | 0.20   | U         | 0.20  | 0.035 | ppb v/v |   |          | 12/18/20 23:04 | 1       |
| 1,1,2,2-Tetrachloroethane                     | 0.20   | U         | 0.20  | 0.042 | ppb v/v |   |          | 12/18/20 23:04 | 1       |
| n-Propylbenzene                               | 0.61   |           | 0.20  | 0.039 | ppb v/v |   |          | 12/18/20 23:04 | 1       |
| 4-Ethyltoluene                                | 0.85   |           | 0.20  | 0.041 | ppb v/v |   |          | 12/18/20 23:04 | 1       |
| 1,3,5-Trimethylbenzene                        | 0.94   |           | 0.20  | 0.039 | ppb v/v |   |          | 12/18/20 23:04 | 1       |
| 2-Chlorotoluene                               | 0.20   | U         | 0.20  | 0.042 | ppb v/v |   |          | 12/18/20 23:04 | 1       |
| tert-Butylbenzene                             | 0.20   | U         | 0.20  | 0.035 | ppb v/v |   |          | 12/18/20 23:04 | 1       |
| 1,2,4-Trimethylbenzene                        | 3.4    |           | 0.20  | 0.044 | ppb v/v |   |          | 12/18/20 23:04 | 1       |
| sec-Butylbenzene                              | 0.092  | J         | 0.20  | 0.035 | ppb v/v |   |          | 12/18/20 23:04 | 1       |
| 4-Isopropyltoluene                            | 0.39   |           | 0.20  | 0.039 | ppb v/v |   |          | 12/18/20 23:04 | 1       |
| 1,3-Dichlorobenzene                           | 0.20   | U         | 0.20  | 0.11  | ppb v/v |   |          | 12/18/20 23:04 | 1       |
| 1,4-Dichlorobenzene                           | 0.20   | U         | 0.20  | 0.12  | ppb v/v |   |          | 12/18/20 23:04 | 1       |
| Benzyl chloride                               | 0.20   | U         | 0.20  | 0.085 | ppb v/v |   |          | 12/18/20 23:04 | 1       |
| n-Butylbenzene                                | 0.19   | J         | 0.20  | 0.039 | ppb v/v |   |          | 12/18/20 23:04 | 1       |
| 1,2-Dichlorobenzene                           | 0.20   | U         | 0.20  | 0.097 | ppb v/v |   |          | 12/18/20 23:04 | 1       |
| 1,2,4-Trichlorobenzene                        | 0.50   | U         | 0.50  | 0.22  | ppb v/v |   |          | 12/18/20 23:04 | 1       |
| Hexachlorobutadiene                           | 0.20   | U         | 0.20  | 0.076 | ppb v/v |   |          | 12/18/20 23:04 | 1       |

# Client Sample Results

Client: Stantec Consulting Services Inc  
Project/Site: Easton Cooper Industries

Job ID: 200-56451-1  
SDG: 200-56451-1

**Client Sample ID: SG-201**

**Lab Sample ID: 200-56451-1**

**Date Collected: 12/09/20 14:58**

**Matrix: Air**

**Date Received: 12/10/20 10:35**

**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 | 0.48   | J         | 0.50 | 0.17 | ppb v/v |   |          | 12/18/20 23:04 | 1       |

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

| Analyte                                       | Result | Qualifier | RL   | MDL  | Unit  | D | Prepared | Analyzed       | Dil Fac |
|-----------------------------------------------|--------|-----------|------|------|-------|---|----------|----------------|---------|
| Dichlorodifluoromethane                       | 2.4    | J D       | 9.9  | 2.2  | ug/m3 |   |          | 12/18/20 23:57 | 4       |
| Chlorodifluoromethane                         | 7.1    | U         | 7.1  | 1.7  | ug/m3 |   |          | 12/18/20 23:57 | 4       |
| 1,2-Dichlorotetrafluoroethane                 | 5.6    | U         | 5.6  | 0.98 | ug/m3 |   |          | 12/18/20 23:57 | 4       |
| Chloromethane                                 | 4.1    | U         | 4.1  | 0.91 | ug/m3 |   |          | 12/18/20 23:57 | 4       |
| n-Butane                                      | 100    | D         | 4.8  | 1.0  | ug/m3 |   |          | 12/18/20 23:57 | 4       |
| Vinyl chloride                                | 0.80   | U         | 0.80 | 0.45 | ug/m3 |   |          | 12/18/20 23:57 | 4       |
| 1,3-Butadiene                                 | 13     | D         | 1.8  | 0.50 | ug/m3 |   |          | 12/18/20 23:57 | 4       |
| Bromomethane                                  | 3.1    | U         | 3.1  | 0.79 | ug/m3 |   |          | 12/18/20 23:57 | 4       |
| Chloroethane                                  | 4.8    | J D       | 5.3  | 0.57 | ug/m3 |   |          | 12/18/20 23:57 | 4       |
| Bromoethene(Vinyl Bromide)                    | 3.5    | U         | 3.5  | 0.91 | ug/m3 |   |          | 12/18/20 23:57 | 4       |
| Trichlorofluoromethane                        | 1.4    | J D       | 4.5  | 1.3  | ug/m3 |   |          | 12/18/20 23:57 | 4       |
| 1,1,2-Trichlorotrifluoroethane                | 11     | D         | 6.1  | 1.2  | ug/m3 |   |          | 12/18/20 23:57 | 4       |
| 1,1-Dichloroethene                            | 1.4    | D         | 0.80 | 0.62 | ug/m3 |   |          | 12/18/20 23:57 | 4       |
| Acetone                                       | 21     | J D       | 48   | 11   | ug/m3 |   |          | 12/18/20 23:57 | 4       |
| Isopropyl alcohol                             | 49     | U         | 49   | 4.7  | ug/m3 |   |          | 12/18/20 23:57 | 4       |
| Carbon disulfide                              | 21     | D         | 6.2  | 0.92 | ug/m3 |   |          | 12/18/20 23:57 | 4       |
| 3-Chloropropene                               | 6.3    | U         | 6.3  | 0.80 | ug/m3 |   |          | 12/18/20 23:57 | 4       |
| Methylene Chloride                            | 6.9    | U         | 6.9  | 3.8  | ug/m3 |   |          | 12/18/20 23:57 | 4       |
| tert-Butyl alcohol                            | 61     | U         | 61   | 0.46 | ug/m3 |   |          | 12/18/20 23:57 | 4       |
| Methyl tert-butyl ether                       | 2.9    | U         | 2.9  | 0.48 | ug/m3 |   |          | 12/18/20 23:57 | 4       |
| trans-1,2-Dichloroethene                      | 3.2    | U         | 3.2  | 0.67 | ug/m3 |   |          | 12/18/20 23:57 | 4       |
| n-Hexane                                      | 24     | D         | 2.8  | 2.8  | ug/m3 |   |          | 12/18/20 23:57 | 4       |
| 1,1-Dichloroethane                            | 29     | D         | 3.2  | 0.66 | ug/m3 |   |          | 12/18/20 23:57 | 4       |
| Methyl Ethyl Ketone (2-Butanone)              | 5.0    | J D       | 5.9  | 0.85 | ug/m3 |   |          | 12/18/20 23:57 | 4       |
| cis-1,2-Dichloroethene                        | 8.8    | D         | 0.80 | 0.71 | ug/m3 |   |          | 12/18/20 23:57 | 4       |
| Chloroform                                    | 0.94   | J D       | 3.9  | 0.62 | ug/m3 |   |          | 12/18/20 23:57 | 4       |
| Tetrahydrofuran                               | 59     | U         | 59   | 0.78 | ug/m3 |   |          | 12/18/20 23:57 | 4       |
| 1,1,1-Trichloroethane                         | 46     | D         | 4.4  | 0.79 | ug/m3 |   |          | 12/18/20 23:57 | 4       |
| Cyclohexane                                   | 3.9    | D         | 2.8  | 0.63 | ug/m3 |   |          | 12/18/20 23:57 | 4       |
| Carbon tetrachloride                          | 0.88   | U         | 0.88 | 0.60 | ug/m3 |   |          | 12/18/20 23:57 | 4       |
| 2,2,4-Trimethylpentane                        | 15     | D         | 3.7  | 0.77 | ug/m3 |   |          | 12/18/20 23:57 | 4       |
| Benzene                                       | 7.4    | D         | 2.6  | 0.86 | ug/m3 |   |          | 12/18/20 23:57 | 4       |
| 1,2-Dichloroethane                            | 3.2    | U         | 3.2  | 0.52 | ug/m3 |   |          | 12/18/20 23:57 | 4       |
| n-Heptane                                     | 21     | D         | 3.3  | 0.92 | ug/m3 |   |          | 12/18/20 23:57 | 4       |
| Trichloroethene                               | 21     | D         | 0.80 | 0.75 | ug/m3 |   |          | 12/18/20 23:57 | 4       |
| Methyl methacrylate                           | 8.2    | U         | 8.2  | 0.54 | ug/m3 |   |          | 12/18/20 23:57 | 4       |
| 1,2-Dichloropropane                           | 3.7    | U         | 3.7  | 0.61 | ug/m3 |   |          | 12/18/20 23:57 | 4       |
| 1,4-Dioxane                                   | 72     | U         | 72   | 1.2  | ug/m3 |   |          | 12/18/20 23:57 | 4       |
| Bromodichloromethane                          | 5.4    | U         | 5.4  | 0.94 | ug/m3 |   |          | 12/18/20 23:57 | 4       |
| cis-1,3-Dichloropropene                       | 3.6    | U         | 3.6  | 0.58 | ug/m3 |   |          | 12/18/20 23:57 | 4       |
| 4-Methyl-2-pentanone (Methyl isobutyl ketone) | 1.7    | J D       | 8.2  | 0.59 | ug/m3 |   |          | 12/18/20 23:57 | 4       |
| Toluene                                       | 22     | D         | 3.0  | 1.7  | ug/m3 |   |          | 12/18/20 23:57 | 4       |
| trans-1,3-Dichloropropene                     | 3.6    | U         | 3.6  | 0.71 | ug/m3 |   |          | 12/18/20 23:57 | 4       |
| 1,1,2-Trichloroethane                         | 4.4    | U         | 4.4  | 0.79 | ug/m3 |   |          | 12/18/20 23:57 | 4       |

Eurofins TestAmerica, Burlington

# Client Sample Results

Client: Stantec Consulting Services Inc  
Project/Site: Easton Cooper Industries

Job ID: 200-56451-1  
SDG: 200-56451-1

**Client Sample ID: SG-201**

**Lab Sample ID: 200-56451-1**

**Date Collected: 12/09/20 14:58**

**Matrix: Air**

**Date Received: 12/10/20 10:35**

**Sample Container: Summa Canister 6L**

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

| Analyte                               | Result      | Qualifier  | RL   | MDL  | Unit    | D | Prepared | Analyzed       | Dil Fac |
|---------------------------------------|-------------|------------|------|------|---------|---|----------|----------------|---------|
| <b>Tetrachloroethene</b>              | <b>540</b>  | <b>D</b>   | 5.4  | 0.90 | ug/m3   |   |          | 12/18/20 23:57 | 4       |
| Methyl Butyl Ketone (2-Hexanone)      | 8.2         | U          | 8.2  | 0.79 | ug/m3   |   |          | 12/18/20 23:57 | 4       |
| Dibromochloromethane                  | 6.8         | U          | 6.8  | 1.2  | ug/m3   |   |          | 12/18/20 23:57 | 4       |
| 1,2-Dibromoethane                     | 6.1         | U          | 6.1  | 1.5  | ug/m3   |   |          | 12/18/20 23:57 | 4       |
| Chlorobenzene                         | 3.7         | U          | 3.7  | 1.0  | ug/m3   |   |          | 12/18/20 23:57 | 4       |
| <b>Ethylbenzene</b>                   | <b>26</b>   | <b>D</b>   | 3.5  | 1.1  | ug/m3   |   |          | 12/18/20 23:57 | 4       |
| <b>m,p-Xylene</b>                     | <b>130</b>  | <b>D</b>   | 8.7  | 1.7  | ug/m3   |   |          | 12/18/20 23:57 | 4       |
| <b>o-Xylene</b>                       | <b>63</b>   | <b>D</b>   | 3.5  | 0.83 | ug/m3   |   |          | 12/18/20 23:57 | 4       |
| Styrene                               | 3.4         | U          | 3.4  | 0.68 | ug/m3   |   |          | 12/18/20 23:57 | 4       |
| Bromoform                             | 8.3         | U          | 8.3  | 2.0  | ug/m3   |   |          | 12/18/20 23:57 | 4       |
| Cumene                                | 3.9         | U          | 3.9  | 0.69 | ug/m3   |   |          | 12/18/20 23:57 | 4       |
| 1,1,2,2-Tetrachloroethane             | 5.5         | U          | 5.5  | 1.2  | ug/m3   |   |          | 12/18/20 23:57 | 4       |
| <b>n-Propylbenzene</b>                | <b>2.4</b>  | <b>J D</b> | 3.9  | 0.77 | ug/m3   |   |          | 12/18/20 23:57 | 4       |
| <b>4-Ethyltoluene</b>                 | <b>3.4</b>  | <b>J D</b> | 3.9  | 0.81 | ug/m3   |   |          | 12/18/20 23:57 | 4       |
| <b>1,3,5-Trimethylbenzene</b>         | <b>3.8</b>  | <b>J D</b> | 3.9  | 0.77 | ug/m3   |   |          | 12/18/20 23:57 | 4       |
| 2-Chlorotoluene                       | 4.1         | U          | 4.1  | 0.87 | ug/m3   |   |          | 12/18/20 23:57 | 4       |
| tert-Butylbenzene                     | 4.4         | U          | 4.4  | 0.77 | ug/m3   |   |          | 12/18/20 23:57 | 4       |
| <b>1,2,4-Trimethylbenzene</b>         | <b>13</b>   | <b>D</b>   | 3.9  | 0.87 | ug/m3   |   |          | 12/18/20 23:57 | 4       |
| sec-Butylbenzene                      | 4.4         | U          | 4.4  | 0.77 | ug/m3   |   |          | 12/18/20 23:57 | 4       |
| <b>4-Isopropyltoluene</b>             | <b>1.8</b>  | <b>J D</b> | 4.4  | 0.86 | ug/m3   |   |          | 12/18/20 23:57 | 4       |
| 1,3-Dichlorobenzene                   | 4.8         | U          | 4.8  | 2.6  | ug/m3   |   |          | 12/18/20 23:57 | 4       |
| 1,4-Dichlorobenzene                   | 4.8         | U          | 4.8  | 2.9  | ug/m3   |   |          | 12/18/20 23:57 | 4       |
| Benzyl chloride                       | 4.1         | U          | 4.1  | 1.8  | ug/m3   |   |          | 12/18/20 23:57 | 4       |
| n-Butylbenzene                        | 4.4         | U          | 4.4  | 0.86 | ug/m3   |   |          | 12/18/20 23:57 | 4       |
| 1,2-Dichlorobenzene                   | 4.8         | U          | 4.8  | 2.3  | ug/m3   |   |          | 12/18/20 23:57 | 4       |
| 1,2,4-Trichlorobenzene                | 15          | U          | 15   | 6.5  | ug/m3   |   |          | 12/18/20 23:57 | 4       |
| Hexachlorobutadiene                   | 8.5         | U          | 8.5  | 3.2  | ug/m3   |   |          | 12/18/20 23:57 | 4       |
| Naphthalene                           | 10          | U          | 10   | 3.6  | ug/m3   |   |          | 12/18/20 23:57 | 4       |
| Analyte                               | Result      | Qualifier  | RL   | MDL  | Unit    | D | Prepared | Analyzed       | Dil Fac |
| <b>Dichlorodifluoromethane</b>        | <b>0.48</b> | <b>J D</b> | 2.0  | 0.44 | ppb v/v |   |          | 12/18/20 23:57 | 4       |
| Chlorodifluoromethane                 | 2.0         | U          | 2.0  | 0.48 | ppb v/v |   |          | 12/18/20 23:57 | 4       |
| 1,2-Dichlorotetrafluoroethane         | 0.80        | U          | 0.80 | 0.14 | ppb v/v |   |          | 12/18/20 23:57 | 4       |
| Chloromethane                         | 2.0         | U          | 2.0  | 0.44 | ppb v/v |   |          | 12/18/20 23:57 | 4       |
| <b>n-Butane</b>                       | <b>42</b>   | <b>D</b>   | 2.0  | 0.44 | ppb v/v |   |          | 12/18/20 23:57 | 4       |
| Vinyl chloride                        | 0.31        | U          | 0.31 | 0.18 | ppb v/v |   |          | 12/18/20 23:57 | 4       |
| <b>1,3-Butadiene</b>                  | <b>6.1</b>  | <b>D</b>   | 0.80 | 0.23 | ppb v/v |   |          | 12/18/20 23:57 | 4       |
| Bromomethane                          | 0.80        | U          | 0.80 | 0.20 | ppb v/v |   |          | 12/18/20 23:57 | 4       |
| <b>Chloroethane</b>                   | <b>1.8</b>  | <b>J D</b> | 2.0  | 0.22 | ppb v/v |   |          | 12/18/20 23:57 | 4       |
| Bromoethene(Vinyl Bromide)            | 0.80        | U          | 0.80 | 0.21 | ppb v/v |   |          | 12/18/20 23:57 | 4       |
| <b>Trichlorofluoromethane</b>         | <b>0.25</b> | <b>J D</b> | 0.80 | 0.24 | ppb v/v |   |          | 12/18/20 23:57 | 4       |
| <b>1,1,2-Trichlorotrifluoroethane</b> | <b>1.5</b>  | <b>D</b>   | 0.80 | 0.15 | ppb v/v |   |          | 12/18/20 23:57 | 4       |
| <b>1,1-Dichloroethene</b>             | <b>0.35</b> | <b>D</b>   | 0.20 | 0.16 | ppb v/v |   |          | 12/18/20 23:57 | 4       |
| <b>Acetone</b>                        | <b>8.6</b>  | <b>J D</b> | 20   | 4.8  | ppb v/v |   |          | 12/18/20 23:57 | 4       |
| Isopropyl alcohol                     | 20          | U          | 20   | 1.9  | ppb v/v |   |          | 12/18/20 23:57 | 4       |
| <b>Carbon disulfide</b>               | <b>6.9</b>  | <b>D</b>   | 2.0  | 0.30 | ppb v/v |   |          | 12/18/20 23:57 | 4       |
| 3-Chloropropene                       | 2.0         | U          | 2.0  | 0.26 | ppb v/v |   |          | 12/18/20 23:57 | 4       |
| Methylene Chloride                    | 2.0         | U          | 2.0  | 1.1  | ppb v/v |   |          | 12/18/20 23:57 | 4       |
| tert-Butyl alcohol                    | 20          | U          | 20   | 0.15 | ppb v/v |   |          | 12/18/20 23:57 | 4       |

# Client Sample Results

Client: Stantec Consulting Services Inc  
Project/Site: Easton Cooper Industries

Job ID: 200-56451-1  
SDG: 200-56451-1

**Client Sample ID: SG-201**

**Lab Sample ID: 200-56451-1**

**Date Collected: 12/09/20 14:58**

**Matrix: Air**

**Date Received: 12/10/20 10:35**

**Sample Container: Summa Canister 6L**

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

| Analyte                                              | Result      | Qualifier  | RL   | MDL   | Unit    | D | Prepared | Analyzed       | Dil Fac |
|------------------------------------------------------|-------------|------------|------|-------|---------|---|----------|----------------|---------|
| Methyl tert-butyl ether                              | 0.80        | U          | 0.80 | 0.13  | ppb v/v |   |          | 12/18/20 23:57 | 4       |
| trans-1,2-Dichloroethene                             | 0.80        | U          | 0.80 | 0.17  | ppb v/v |   |          | 12/18/20 23:57 | 4       |
| <b>n-Hexane</b>                                      | <b>6.8</b>  | <b>D</b>   | 0.80 | 0.80  | ppb v/v |   |          | 12/18/20 23:57 | 4       |
| <b>1,1-Dichloroethane</b>                            | <b>7.1</b>  | <b>D</b>   | 0.80 | 0.16  | ppb v/v |   |          | 12/18/20 23:57 | 4       |
| <b>Methyl Ethyl Ketone (2-Butanone)</b>              | <b>1.7</b>  | <b>J D</b> | 2.0  | 0.29  | ppb v/v |   |          | 12/18/20 23:57 | 4       |
| <b>cis-1,2-Dichloroethene</b>                        | <b>2.2</b>  | <b>D</b>   | 0.20 | 0.18  | ppb v/v |   |          | 12/18/20 23:57 | 4       |
| <b>Chloroform</b>                                    | <b>0.19</b> | <b>J D</b> | 0.80 | 0.13  | ppb v/v |   |          | 12/18/20 23:57 | 4       |
| Tetrahydrofuran                                      | 20          | U          | 20   | 0.26  | ppb v/v |   |          | 12/18/20 23:57 | 4       |
| <b>1,1,1-Trichloroethane</b>                         | <b>8.5</b>  | <b>D</b>   | 0.80 | 0.14  | ppb v/v |   |          | 12/18/20 23:57 | 4       |
| <b>Cyclohexane</b>                                   | <b>1.1</b>  | <b>D</b>   | 0.80 | 0.18  | ppb v/v |   |          | 12/18/20 23:57 | 4       |
| Carbon tetrachloride                                 | 0.14        | U          | 0.14 | 0.096 | ppb v/v |   |          | 12/18/20 23:57 | 4       |
| <b>2,2,4-Trimethylpentane</b>                        | <b>3.2</b>  | <b>D</b>   | 0.80 | 0.16  | ppb v/v |   |          | 12/18/20 23:57 | 4       |
| <b>Benzene</b>                                       | <b>2.3</b>  | <b>D</b>   | 0.80 | 0.27  | ppb v/v |   |          | 12/18/20 23:57 | 4       |
| 1,2-Dichloroethane                                   | 0.80        | U          | 0.80 | 0.13  | ppb v/v |   |          | 12/18/20 23:57 | 4       |
| <b>n-Heptane</b>                                     | <b>5.2</b>  | <b>D</b>   | 0.80 | 0.22  | ppb v/v |   |          | 12/18/20 23:57 | 4       |
| <b>Trichloroethene</b>                               | <b>4.0</b>  | <b>D</b>   | 0.15 | 0.14  | ppb v/v |   |          | 12/18/20 23:57 | 4       |
| Methyl methacrylate                                  | 2.0         | U          | 2.0  | 0.13  | ppb v/v |   |          | 12/18/20 23:57 | 4       |
| 1,2-Dichloropropane                                  | 0.80        | U          | 0.80 | 0.13  | ppb v/v |   |          | 12/18/20 23:57 | 4       |
| 1,4-Dioxane                                          | 20          | U          | 20   | 0.34  | ppb v/v |   |          | 12/18/20 23:57 | 4       |
| Bromodichloromethane                                 | 0.80        | U          | 0.80 | 0.14  | ppb v/v |   |          | 12/18/20 23:57 | 4       |
| cis-1,3-Dichloropropene                              | 0.80        | U          | 0.80 | 0.13  | ppb v/v |   |          | 12/18/20 23:57 | 4       |
| <b>4-Methyl-2-pentanone (Methyl isobutyl ketone)</b> | <b>0.41</b> | <b>J D</b> | 2.0  | 0.14  | ppb v/v |   |          | 12/18/20 23:57 | 4       |
| <b>Toluene</b>                                       | <b>5.9</b>  | <b>D</b>   | 0.80 | 0.44  | ppb v/v |   |          | 12/18/20 23:57 | 4       |
| trans-1,3-Dichloropropene                            | 0.80        | U          | 0.80 | 0.16  | ppb v/v |   |          | 12/18/20 23:57 | 4       |
| 1,1,2-Trichloroethane                                | 0.80        | U          | 0.80 | 0.14  | ppb v/v |   |          | 12/18/20 23:57 | 4       |
| <b>Tetrachloroethene</b>                             | <b>79</b>   | <b>D</b>   | 0.80 | 0.13  | ppb v/v |   |          | 12/18/20 23:57 | 4       |
| Methyl Butyl Ketone (2-Hexanone)                     | 2.0         | U          | 2.0  | 0.19  | ppb v/v |   |          | 12/18/20 23:57 | 4       |
| Dibromochloromethane                                 | 0.80        | U          | 0.80 | 0.14  | ppb v/v |   |          | 12/18/20 23:57 | 4       |
| 1,2-Dibromoethane                                    | 0.80        | U          | 0.80 | 0.20  | ppb v/v |   |          | 12/18/20 23:57 | 4       |
| Chlorobenzene                                        | 0.80        | U          | 0.80 | 0.22  | ppb v/v |   |          | 12/18/20 23:57 | 4       |
| <b>Ethylbenzene</b>                                  | <b>5.9</b>  | <b>D</b>   | 0.80 | 0.25  | ppb v/v |   |          | 12/18/20 23:57 | 4       |
| <b>m,p-Xylene</b>                                    | <b>30</b>   | <b>D</b>   | 2.0  | 0.40  | ppb v/v |   |          | 12/18/20 23:57 | 4       |
| <b>o-Xylene</b>                                      | <b>15</b>   | <b>D</b>   | 0.80 | 0.19  | ppb v/v |   |          | 12/18/20 23:57 | 4       |
| Styrene                                              | 0.80        | U          | 0.80 | 0.16  | ppb v/v |   |          | 12/18/20 23:57 | 4       |
| Bromoform                                            | 0.80        | U          | 0.80 | 0.19  | ppb v/v |   |          | 12/18/20 23:57 | 4       |
| Cumene                                               | 0.80        | U          | 0.80 | 0.14  | ppb v/v |   |          | 12/18/20 23:57 | 4       |
| 1,1,2,2-Tetrachloroethane                            | 0.80        | U          | 0.80 | 0.17  | ppb v/v |   |          | 12/18/20 23:57 | 4       |
| <b>n-Propylbenzene</b>                               | <b>0.50</b> | <b>J D</b> | 0.80 | 0.16  | ppb v/v |   |          | 12/18/20 23:57 | 4       |
| <b>4-Ethyltoluene</b>                                | <b>0.68</b> | <b>J D</b> | 0.80 | 0.16  | ppb v/v |   |          | 12/18/20 23:57 | 4       |
| <b>1,3,5-Trimethylbenzene</b>                        | <b>0.78</b> | <b>J D</b> | 0.80 | 0.16  | ppb v/v |   |          | 12/18/20 23:57 | 4       |
| 2-Chlorotoluene                                      | 0.80        | U          | 0.80 | 0.17  | ppb v/v |   |          | 12/18/20 23:57 | 4       |
| tert-Butylbenzene                                    | 0.80        | U          | 0.80 | 0.14  | ppb v/v |   |          | 12/18/20 23:57 | 4       |
| <b>1,2,4-Trimethylbenzene</b>                        | <b>2.6</b>  | <b>D</b>   | 0.80 | 0.18  | ppb v/v |   |          | 12/18/20 23:57 | 4       |
| sec-Butylbenzene                                     | 0.80        | U          | 0.80 | 0.14  | ppb v/v |   |          | 12/18/20 23:57 | 4       |
| <b>4-Isopropyltoluene</b>                            | <b>0.33</b> | <b>J D</b> | 0.80 | 0.16  | ppb v/v |   |          | 12/18/20 23:57 | 4       |
| 1,3-Dichlorobenzene                                  | 0.80        | U          | 0.80 | 0.44  | ppb v/v |   |          | 12/18/20 23:57 | 4       |
| 1,4-Dichlorobenzene                                  | 0.80        | U          | 0.80 | 0.48  | ppb v/v |   |          | 12/18/20 23:57 | 4       |
| Benzyl chloride                                      | 0.80        | U          | 0.80 | 0.34  | ppb v/v |   |          | 12/18/20 23:57 | 4       |



# Client Sample Results

Client: Stantec Consulting Services Inc  
Project/Site: Easton Cooper Industries

Job ID: 200-56451-1  
SDG: 200-56451-1

**Client Sample ID: SG-201**

**Lab Sample ID: 200-56451-1**

**Date Collected: 12/09/20 14:58**

**Matrix: Air**

**Date Received: 12/10/20 10:35**

**Sample Container: Summa Canister 6L**

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

| Analyte                | Result | Qualifier | RL   | MDL  | Unit    | D | Prepared | Analyzed       | Dil Fac |
|------------------------|--------|-----------|------|------|---------|---|----------|----------------|---------|
| n-Butylbenzene         | 0.80   | U         | 0.80 | 0.16 | ppb v/v |   |          | 12/18/20 23:57 | 4       |
| 1,2-Dichlorobenzene    | 0.80   | U         | 0.80 | 0.39 | ppb v/v |   |          | 12/18/20 23:57 | 4       |
| 1,2,4-Trichlorobenzene | 2.0    | U         | 2.0  | 0.88 | ppb v/v |   |          | 12/18/20 23:57 | 4       |
| Hexachlorobutadiene    | 0.80   | U         | 0.80 | 0.30 | ppb v/v |   |          | 12/18/20 23:57 | 4       |
| Naphthalene            | 2.0    | U         | 2.0  | 0.68 | ppb v/v |   |          | 12/18/20 23:57 | 4       |

**Client Sample ID: SG-202**

**Lab Sample ID: 200-56451-2**

**Date Collected: 12/09/20 14:59**

**Matrix: Air**

**Date Received: 12/10/20 10:35**

**Sample Container: Summa Canister 6L**

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

| Analyte                                 | Result      | Qualifier | RL   | MDL  | Unit  | D | Prepared | Analyzed       | Dil Fac |
|-----------------------------------------|-------------|-----------|------|------|-------|---|----------|----------------|---------|
| <b>Dichlorodifluoromethane</b>          | <b>2.1</b>  | <b>J</b>  | 2.5  | 0.54 | ug/m3 |   |          | 12/19/20 00:52 | 1       |
| Chlorodifluoromethane                   | 1.8         | U         | 1.8  | 0.42 | ug/m3 |   |          | 12/19/20 00:52 | 1       |
| 1,2-Dichlorotetrafluoroethane           | 1.4         | U         | 1.4  | 0.24 | ug/m3 |   |          | 12/19/20 00:52 | 1       |
| <b>Chloromethane</b>                    | <b>1.2</b>  |           | 1.0  | 0.23 | ug/m3 |   |          | 12/19/20 00:52 | 1       |
| <b>n-Butane</b>                         | <b>100</b>  | <b>E</b>  | 1.2  | 0.26 | ug/m3 |   |          | 12/19/20 00:52 | 1       |
| Vinyl chloride                          | 0.20        | U         | 0.20 | 0.11 | ug/m3 |   |          | 12/19/20 00:52 | 1       |
| <b>1,3-Butadiene</b>                    | <b>7.8</b>  |           | 0.44 | 0.13 | ug/m3 |   |          | 12/19/20 00:52 | 1       |
| Bromomethane                            | 0.78        | U         | 0.78 | 0.20 | ug/m3 |   |          | 12/19/20 00:52 | 1       |
| Chloroethane                            | 1.3         | U         | 1.3  | 0.14 | ug/m3 |   |          | 12/19/20 00:52 | 1       |
| Bromoethene(Vinyl Bromide)              | 0.87        | U         | 0.87 | 0.23 | ug/m3 |   |          | 12/19/20 00:52 | 1       |
| <b>Trichlorofluoromethane</b>           | <b>1.2</b>  |           | 1.1  | 0.34 | ug/m3 |   |          | 12/19/20 00:52 | 1       |
| <b>1,1,2-Trichlorotrifluoroethane</b>   | <b>0.64</b> | <b>J</b>  | 1.5  | 0.29 | ug/m3 |   |          | 12/19/20 00:52 | 1       |
| 1,1-Dichloroethene                      | 0.20        | U         | 0.20 | 0.15 | ug/m3 |   |          | 12/19/20 00:52 | 1       |
| <b>Acetone</b>                          | <b>6.6</b>  | <b>J</b>  | 12   | 2.9  | ug/m3 |   |          | 12/19/20 00:52 | 1       |
| Isopropyl alcohol                       | 12          | U         | 12   | 1.2  | ug/m3 |   |          | 12/19/20 00:52 | 1       |
| <b>Carbon disulfide</b>                 | <b>1.6</b>  |           | 1.6  | 0.23 | ug/m3 |   |          | 12/19/20 00:52 | 1       |
| 3-Chloropropene                         | 1.6         | U         | 1.6  | 0.20 | ug/m3 |   |          | 12/19/20 00:52 | 1       |
| Methylene Chloride                      | 1.7         | U         | 1.7  | 0.94 | ug/m3 |   |          | 12/19/20 00:52 | 1       |
| tert-Butyl alcohol                      | 15          | U         | 15   | 0.12 | ug/m3 |   |          | 12/19/20 00:52 | 1       |
| Methyl tert-butyl ether                 | 0.72        | U         | 0.72 | 0.12 | ug/m3 |   |          | 12/19/20 00:52 | 1       |
| trans-1,2-Dichloroethene                | 0.79        | U         | 0.79 | 0.17 | ug/m3 |   |          | 12/19/20 00:52 | 1       |
| <b>n-Hexane</b>                         | <b>10</b>   |           | 0.70 | 0.70 | ug/m3 |   |          | 12/19/20 00:52 | 1       |
| 1,1-Dichloroethane                      | 0.81        | U         | 0.81 | 0.17 | ug/m3 |   |          | 12/19/20 00:52 | 1       |
| <b>Methyl Ethyl Ketone (2-Butanone)</b> | <b>0.88</b> | <b>J</b>  | 1.5  | 0.21 | ug/m3 |   |          | 12/19/20 00:52 | 1       |
| cis-1,2-Dichloroethene                  | 0.20        | U         | 0.20 | 0.18 | ug/m3 |   |          | 12/19/20 00:52 | 1       |
| <b>Chloroform</b>                       | <b>0.16</b> | <b>J</b>  | 0.98 | 0.16 | ug/m3 |   |          | 12/19/20 00:52 | 1       |
| Tetrahydrofuran                         | 15          | U         | 15   | 0.19 | ug/m3 |   |          | 12/19/20 00:52 | 1       |
| 1,1,1-Trichloroethane                   | 1.1         | U         | 1.1  | 0.20 | ug/m3 |   |          | 12/19/20 00:52 | 1       |
| <b>Cyclohexane</b>                      | <b>1.1</b>  |           | 0.69 | 0.16 | ug/m3 |   |          | 12/19/20 00:52 | 1       |
| <b>Carbon tetrachloride</b>             | <b>0.34</b> |           | 0.22 | 0.15 | ug/m3 |   |          | 12/19/20 00:52 | 1       |
| <b>2,2,4-Trimethylpentane</b>           | <b>0.92</b> | <b>J</b>  | 0.93 | 0.19 | ug/m3 |   |          | 12/19/20 00:52 | 1       |
| <b>Benzene</b>                          | <b>1.4</b>  |           | 0.64 | 0.21 | ug/m3 |   |          | 12/19/20 00:52 | 1       |
| 1,2-Dichloroethane                      | 0.81        | U         | 0.81 | 0.13 | ug/m3 |   |          | 12/19/20 00:52 | 1       |
| <b>n-Heptane</b>                        | <b>3.7</b>  |           | 0.82 | 0.23 | ug/m3 |   |          | 12/19/20 00:52 | 1       |
| <b>Trichloroethene</b>                  | <b>1.3</b>  |           | 0.20 | 0.19 | ug/m3 |   |          | 12/19/20 00:52 | 1       |
| Methyl methacrylate                     | 2.0         | U         | 2.0  | 0.14 | ug/m3 |   |          | 12/19/20 00:52 | 1       |

Eurofins TestAmerica, Burlington

# Client Sample Results

Client: Stantec Consulting Services Inc  
Project/Site: Easton Cooper Industries

Job ID: 200-56451-1  
SDG: 200-56451-1

**Client Sample ID: SG-202**

**Lab Sample ID: 200-56451-2**

**Date Collected: 12/09/20 14:59**

**Matrix: Air**

**Date Received: 12/10/20 10:35**

**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 |
|-----------------------------------------------|-------------|-----------|-------|-------|---------|---|----------|----------------|---------|
| 1,2-Dichloropropane                           | 0.92        | U         | 0.92  | 0.15  | ug/m3   |   |          | 12/19/20 00:52 | 1       |
| 1,4-Dioxane                                   | 18          | U         | 18    | 0.30  | ug/m3   |   |          | 12/19/20 00:52 | 1       |
| Bromodichloromethane                          | 1.3         | U         | 1.3   | 0.23  | ug/m3   |   |          | 12/19/20 00:52 | 1       |
| cis-1,3-Dichloropropene                       | 0.91        | U         | 0.91  | 0.15  | ug/m3   |   |          | 12/19/20 00:52 | 1       |
| 4-Methyl-2-pentanone (Methyl isobutyl ketone) | 2.0         | U         | 2.0   | 0.15  | ug/m3   |   |          | 12/19/20 00:52 | 1       |
| <b>Toluene</b>                                | <b>2.3</b>  |           | 0.75  | 0.41  | ug/m3   |   |          | 12/19/20 00:52 | 1       |
| trans-1,3-Dichloropropene                     | 0.91        | U         | 0.91  | 0.18  | ug/m3   |   |          | 12/19/20 00:52 | 1       |
| 1,1,2-Trichloroethane                         | 1.1         | U         | 1.1   | 0.20  | ug/m3   |   |          | 12/19/20 00:52 | 1       |
| <b>Tetrachloroethene</b>                      | <b>14</b>   |           | 1.4   | 0.22  | ug/m3   |   |          | 12/19/20 00:52 | 1       |
| Methyl Butyl Ketone (2-Hexanone)              | 2.0         | U         | 2.0   | 0.20  | ug/m3   |   |          | 12/19/20 00:52 | 1       |
| Dibromochloromethane                          | 1.7         | U         | 1.7   | 0.31  | ug/m3   |   |          | 12/19/20 00:52 | 1       |
| 1,2-Dibromoethane                             | 1.5         | U         | 1.5   | 0.38  | ug/m3   |   |          | 12/19/20 00:52 | 1       |
| Chlorobenzene                                 | 0.92        | U         | 0.92  | 0.26  | ug/m3   |   |          | 12/19/20 00:52 | 1       |
| <b>Ethylbenzene</b>                           | <b>0.57</b> | <b>J</b>  | 0.87  | 0.27  | ug/m3   |   |          | 12/19/20 00:52 | 1       |
| <b>m,p-Xylene</b>                             | <b>2.0</b>  | <b>J</b>  | 2.2   | 0.43  | ug/m3   |   |          | 12/19/20 00:52 | 1       |
| <b>o-Xylene</b>                               | <b>0.66</b> | <b>J</b>  | 0.87  | 0.21  | ug/m3   |   |          | 12/19/20 00:52 | 1       |
| Styrene                                       | 0.85        | U         | 0.85  | 0.17  | ug/m3   |   |          | 12/19/20 00:52 | 1       |
| Bromoform                                     | 2.1         | U         | 2.1   | 0.50  | ug/m3   |   |          | 12/19/20 00:52 | 1       |
| Cumene                                        | 0.98        | U         | 0.98  | 0.17  | ug/m3   |   |          | 12/19/20 00:52 | 1       |
| 1,1,2,2-Tetrachloroethane                     | 1.4         | U         | 1.4   | 0.29  | ug/m3   |   |          | 12/19/20 00:52 | 1       |
| <b>n-Propylbenzene</b>                        | <b>0.20</b> | <b>J</b>  | 0.98  | 0.19  | ug/m3   |   |          | 12/19/20 00:52 | 1       |
| <b>4-Ethyltoluene</b>                         | <b>0.20</b> | <b>J</b>  | 0.98  | 0.20  | ug/m3   |   |          | 12/19/20 00:52 | 1       |
| <b>1,3,5-Trimethylbenzene</b>                 | <b>0.33</b> | <b>J</b>  | 0.98  | 0.19  | ug/m3   |   |          | 12/19/20 00:52 | 1       |
| 2-Chlorotoluene                               | 1.0         | U         | 1.0   | 0.22  | ug/m3   |   |          | 12/19/20 00:52 | 1       |
| tert-Butylbenzene                             | 1.1         | U         | 1.1   | 0.19  | ug/m3   |   |          | 12/19/20 00:52 | 1       |
| <b>1,2,4-Trimethylbenzene</b>                 | <b>0.76</b> | <b>J</b>  | 0.98  | 0.22  | ug/m3   |   |          | 12/19/20 00:52 | 1       |
| sec-Butylbenzene                              | 1.1         | U         | 1.1   | 0.19  | ug/m3   |   |          | 12/19/20 00:52 | 1       |
| <b>4-Isopropyltoluene</b>                     | <b>0.28</b> | <b>J</b>  | 1.1   | 0.21  | ug/m3   |   |          | 12/19/20 00:52 | 1       |
| 1,3-Dichlorobenzene                           | 1.2         | U         | 1.2   | 0.66  | ug/m3   |   |          | 12/19/20 00:52 | 1       |
| 1,4-Dichlorobenzene                           | 1.2         | U         | 1.2   | 0.72  | ug/m3   |   |          | 12/19/20 00:52 | 1       |
| Benzyl chloride                               | 1.0         | U         | 1.0   | 0.44  | ug/m3   |   |          | 12/19/20 00:52 | 1       |
| n-Butylbenzene                                | 1.1         | U         | 1.1   | 0.21  | ug/m3   |   |          | 12/19/20 00:52 | 1       |
| 1,2-Dichlorobenzene                           | 1.2         | U         | 1.2   | 0.58  | ug/m3   |   |          | 12/19/20 00:52 | 1       |
| 1,2,4-Trichlorobenzene                        | 3.7         | U         | 3.7   | 1.6   | ug/m3   |   |          | 12/19/20 00:52 | 1       |
| Hexachlorobutadiene                           | 2.1         | U         | 2.1   | 0.81  | ug/m3   |   |          | 12/19/20 00:52 | 1       |
| Naphthalene                                   | 2.6         | U         | 2.6   | 0.89  | ug/m3   |   |          | 12/19/20 00:52 | 1       |
| Analyte                                       | Result      | Qualifier | RL    | MDL   | Unit    | D | Prepared | Analyzed       | Dil Fac |
| <b>Dichlorodifluoromethane</b>                | <b>0.42</b> | <b>J</b>  | 0.50  | 0.11  | ppb v/v |   |          | 12/19/20 00:52 | 1       |
| Chlorodifluoromethane                         | 0.50        | U         | 0.50  | 0.12  | ppb v/v |   |          | 12/19/20 00:52 | 1       |
| 1,2-Dichlorotetrafluoroethane                 | 0.20        | U         | 0.20  | 0.035 | ppb v/v |   |          | 12/19/20 00:52 | 1       |
| <b>Chloromethane</b>                          | <b>0.60</b> |           | 0.50  | 0.11  | ppb v/v |   |          | 12/19/20 00:52 | 1       |
| <b>n-Butane</b>                               | <b>44</b>   | <b>E</b>  | 0.50  | 0.11  | ppb v/v |   |          | 12/19/20 00:52 | 1       |
| Vinyl chloride                                | 0.078       | U         | 0.078 | 0.044 | ppb v/v |   |          | 12/19/20 00:52 | 1       |
| <b>1,3-Butadiene</b>                          | <b>3.5</b>  |           | 0.20  | 0.057 | ppb v/v |   |          | 12/19/20 00:52 | 1       |
| Bromomethane                                  | 0.20        | U         | 0.20  | 0.051 | ppb v/v |   |          | 12/19/20 00:52 | 1       |
| Chloroethane                                  | 0.50        | U         | 0.50  | 0.054 | ppb v/v |   |          | 12/19/20 00:52 | 1       |
| Bromoethene(Vinyl Bromide)                    | 0.20        | U         | 0.20  | 0.052 | ppb v/v |   |          | 12/19/20 00:52 | 1       |

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# Client Sample Results

Client: Stantec Consulting Services Inc  
Project/Site: Easton Cooper Industries

Job ID: 200-56451-1  
SDG: 200-56451-1

**Client Sample ID: SG-202**

**Lab Sample ID: 200-56451-2**

**Date Collected: 12/09/20 14:59**

**Matrix: Air**

**Date Received: 12/10/20 10:35**

**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 |
|-----------------------------------------------|--------|-----------|-------|-------|---------|---|----------|----------------|---------|
| Trichlorofluoromethane                        | 0.21   |           | 0.20  | 0.060 | ppb v/v |   |          | 12/19/20 00:52 | 1       |
| 1,1,2-Trichlorotrifluoroethane                | 0.084  | J         | 0.20  | 0.038 | ppb v/v |   |          | 12/19/20 00:52 | 1       |
| 1,1-Dichloroethene                            | 0.050  | U         | 0.050 | 0.039 | ppb v/v |   |          | 12/19/20 00:52 | 1       |
| Acetone                                       | 2.8    | J         | 5.0   | 1.2   | ppb v/v |   |          | 12/19/20 00:52 | 1       |
| Isopropyl alcohol                             | 5.0    | U         | 5.0   | 0.48  | ppb v/v |   |          | 12/19/20 00:52 | 1       |
| Carbon disulfide                              | 0.53   |           | 0.50  | 0.074 | ppb v/v |   |          | 12/19/20 00:52 | 1       |
| 3-Chloropropene                               | 0.50   | U         | 0.50  | 0.064 | ppb v/v |   |          | 12/19/20 00:52 | 1       |
| Methylene Chloride                            | 0.50   | U         | 0.50  | 0.27  | ppb v/v |   |          | 12/19/20 00:52 | 1       |
| tert-Butyl alcohol                            | 5.0    | U         | 5.0   | 0.038 | ppb v/v |   |          | 12/19/20 00:52 | 1       |
| Methyl tert-butyl ether                       | 0.20   | U         | 0.20  | 0.033 | ppb v/v |   |          | 12/19/20 00:52 | 1       |
| trans-1,2-Dichloroethene                      | 0.20   | U         | 0.20  | 0.042 | ppb v/v |   |          | 12/19/20 00:52 | 1       |
| n-Hexane                                      | 2.9    |           | 0.20  | 0.20  | ppb v/v |   |          | 12/19/20 00:52 | 1       |
| 1,1-Dichloroethane                            | 0.20   | U         | 0.20  | 0.041 | ppb v/v |   |          | 12/19/20 00:52 | 1       |
| Methyl Ethyl Ketone (2-Butanone)              | 0.30   | J         | 0.50  | 0.072 | ppb v/v |   |          | 12/19/20 00:52 | 1       |
| cis-1,2-Dichloroethene                        | 0.050  | U         | 0.050 | 0.045 | ppb v/v |   |          | 12/19/20 00:52 | 1       |
| Chloroform                                    | 0.033  | J         | 0.20  | 0.032 | ppb v/v |   |          | 12/19/20 00:52 | 1       |
| Tetrahydrofuran                               | 5.0    | U         | 5.0   | 0.066 | ppb v/v |   |          | 12/19/20 00:52 | 1       |
| 1,1,1-Trichloroethane                         | 0.20   | U         | 0.20  | 0.036 | ppb v/v |   |          | 12/19/20 00:52 | 1       |
| Cyclohexane                                   | 0.32   |           | 0.20  | 0.046 | ppb v/v |   |          | 12/19/20 00:52 | 1       |
| Carbon tetrachloride                          | 0.054  |           | 0.035 | 0.024 | ppb v/v |   |          | 12/19/20 00:52 | 1       |
| 2,2,4-Trimethylpentane                        | 0.20   | J         | 0.20  | 0.041 | ppb v/v |   |          | 12/19/20 00:52 | 1       |
| Benzene                                       | 0.44   |           | 0.20  | 0.067 | ppb v/v |   |          | 12/19/20 00:52 | 1       |
| 1,2-Dichloroethane                            | 0.20   | U         | 0.20  | 0.032 | ppb v/v |   |          | 12/19/20 00:52 | 1       |
| n-Heptane                                     | 0.91   |           | 0.20  | 0.056 | ppb v/v |   |          | 12/19/20 00:52 | 1       |
| Trichloroethene                               | 0.23   |           | 0.037 | 0.035 | ppb v/v |   |          | 12/19/20 00:52 | 1       |
| Methyl methacrylate                           | 0.50   | U         | 0.50  | 0.033 | ppb v/v |   |          | 12/19/20 00:52 | 1       |
| 1,2-Dichloropropane                           | 0.20   | U         | 0.20  | 0.033 | ppb v/v |   |          | 12/19/20 00:52 | 1       |
| 1,4-Dioxane                                   | 5.0    | U         | 5.0   | 0.084 | ppb v/v |   |          | 12/19/20 00:52 | 1       |
| Bromodichloromethane                          | 0.20   | U         | 0.20  | 0.035 | ppb v/v |   |          | 12/19/20 00:52 | 1       |
| cis-1,3-Dichloropropene                       | 0.20   | U         | 0.20  | 0.032 | ppb v/v |   |          | 12/19/20 00:52 | 1       |
| 4-Methyl-2-pentanone (Methyl isobutyl ketone) | 0.50   | U         | 0.50  | 0.036 | ppb v/v |   |          | 12/19/20 00:52 | 1       |
| Toluene                                       | 0.61   |           | 0.20  | 0.11  | ppb v/v |   |          | 12/19/20 00:52 | 1       |
| trans-1,3-Dichloropropene                     | 0.20   | U         | 0.20  | 0.039 | ppb v/v |   |          | 12/19/20 00:52 | 1       |
| 1,1,2-Trichloroethane                         | 0.20   | U         | 0.20  | 0.036 | ppb v/v |   |          | 12/19/20 00:52 | 1       |
| Tetrachloroethene                             | 2.1    |           | 0.20  | 0.033 | ppb v/v |   |          | 12/19/20 00:52 | 1       |
| Methyl Butyl Ketone (2-Hexanone)              | 0.50   | U         | 0.50  | 0.048 | ppb v/v |   |          | 12/19/20 00:52 | 1       |
| Dibromochloromethane                          | 0.20   | U         | 0.20  | 0.036 | ppb v/v |   |          | 12/19/20 00:52 | 1       |
| 1,2-Dibromoethane                             | 0.20   | U         | 0.20  | 0.049 | ppb v/v |   |          | 12/19/20 00:52 | 1       |
| Chlorobenzene                                 | 0.20   | U         | 0.20  | 0.056 | ppb v/v |   |          | 12/19/20 00:52 | 1       |
| Ethylbenzene                                  | 0.13   | J         | 0.20  | 0.063 | ppb v/v |   |          | 12/19/20 00:52 | 1       |
| m,p-Xylene                                    | 0.45   | J         | 0.50  | 0.10  | ppb v/v |   |          | 12/19/20 00:52 | 1       |
| o-Xylene                                      | 0.15   | J         | 0.20  | 0.048 | ppb v/v |   |          | 12/19/20 00:52 | 1       |
| Styrene                                       | 0.20   | U         | 0.20  | 0.040 | ppb v/v |   |          | 12/19/20 00:52 | 1       |
| Bromoform                                     | 0.20   | U         | 0.20  | 0.048 | ppb v/v |   |          | 12/19/20 00:52 | 1       |
| Cumene                                        | 0.20   | U         | 0.20  | 0.035 | ppb v/v |   |          | 12/19/20 00:52 | 1       |
| 1,1,2,2-Tetrachloroethane                     | 0.20   | U         | 0.20  | 0.042 | ppb v/v |   |          | 12/19/20 00:52 | 1       |
| n-Propylbenzene                               | 0.040  | J         | 0.20  | 0.039 | ppb v/v |   |          | 12/19/20 00:52 | 1       |
| 4-Ethyltoluene                                | 0.042  | J         | 0.20  | 0.041 | ppb v/v |   |          | 12/19/20 00:52 | 1       |

# Client Sample Results

Client: Stantec Consulting Services Inc  
Project/Site: Easton Cooper Industries

Job ID: 200-56451-1  
SDG: 200-56451-1

**Client Sample ID: SG-202**

**Lab Sample ID: 200-56451-2**

**Date Collected: 12/09/20 14:59**

**Matrix: Air**

**Date Received: 12/10/20 10:35**

**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 |
|-------------------------------|--------------|-----------|------|-------|---------|---|----------|----------------|---------|
| <b>1,3,5-Trimethylbenzene</b> | <b>0.067</b> | <b>J</b>  | 0.20 | 0.039 | ppb v/v |   |          | 12/19/20 00:52 | 1       |
| 2-Chlorotoluene               | 0.20         | U         | 0.20 | 0.042 | ppb v/v |   |          | 12/19/20 00:52 | 1       |
| tert-Butylbenzene             | 0.20         | U         | 0.20 | 0.035 | ppb v/v |   |          | 12/19/20 00:52 | 1       |
| <b>1,2,4-Trimethylbenzene</b> | <b>0.16</b>  | <b>J</b>  | 0.20 | 0.044 | ppb v/v |   |          | 12/19/20 00:52 | 1       |
| sec-Butylbenzene              | 0.20         | U         | 0.20 | 0.035 | ppb v/v |   |          | 12/19/20 00:52 | 1       |
| <b>4-Isopropyltoluene</b>     | <b>0.051</b> | <b>J</b>  | 0.20 | 0.039 | ppb v/v |   |          | 12/19/20 00:52 | 1       |
| 1,3-Dichlorobenzene           | 0.20         | U         | 0.20 | 0.11  | ppb v/v |   |          | 12/19/20 00:52 | 1       |
| 1,4-Dichlorobenzene           | 0.20         | U         | 0.20 | 0.12  | ppb v/v |   |          | 12/19/20 00:52 | 1       |
| Benzyl chloride               | 0.20         | U         | 0.20 | 0.085 | ppb v/v |   |          | 12/19/20 00:52 | 1       |
| n-Butylbenzene                | 0.20         | U         | 0.20 | 0.039 | ppb v/v |   |          | 12/19/20 00:52 | 1       |
| 1,2-Dichlorobenzene           | 0.20         | U         | 0.20 | 0.097 | ppb v/v |   |          | 12/19/20 00:52 | 1       |
| 1,2,4-Trichlorobenzene        | 0.50         | U         | 0.50 | 0.22  | ppb v/v |   |          | 12/19/20 00:52 | 1       |
| Hexachlorobutadiene           | 0.20         | U         | 0.20 | 0.076 | ppb v/v |   |          | 12/19/20 00:52 | 1       |
| Naphthalene                   | 0.50         | U         | 0.50 | 0.17  | ppb v/v |   |          | 12/19/20 00:52 | 1       |

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

| Analyte                          | Result      | Qualifier  | RL   | MDL  | Unit  | D | Prepared | Analyzed       | Dil Fac |
|----------------------------------|-------------|------------|------|------|-------|---|----------|----------------|---------|
| <b>Dichlorodifluoromethane</b>   | <b>2.7</b>  | <b>J D</b> | 4.9  | 1.1  | ug/m3 |   |          | 12/21/20 15:18 | 2       |
| Chlorodifluoromethane            | 3.5         | U          | 3.5  | 0.85 | ug/m3 |   |          | 12/21/20 15:18 | 2       |
| 1,2-Dichlorotetrafluoroethane    | 2.8         | U          | 2.8  | 0.49 | ug/m3 |   |          | 12/21/20 15:18 | 2       |
| <b>Chloromethane</b>             | <b>1.4</b>  | <b>J D</b> | 2.1  | 0.45 | ug/m3 |   |          | 12/21/20 15:18 | 2       |
| <b>n-Butane</b>                  | <b>120</b>  | <b>D</b>   | 2.4  | 0.52 | ug/m3 |   |          | 12/21/20 15:18 | 2       |
| Vinyl chloride                   | 0.40        | U          | 0.40 | 0.22 | ug/m3 |   |          | 12/21/20 15:18 | 2       |
| <b>1,3-Butadiene</b>             | <b>9.7</b>  | <b>D</b>   | 0.88 | 0.25 | ug/m3 |   |          | 12/21/20 15:18 | 2       |
| Bromomethane                     | 1.6         | U          | 1.6  | 0.40 | ug/m3 |   |          | 12/21/20 15:18 | 2       |
| Chloroethane                     | 2.6         | U          | 2.6  | 0.28 | ug/m3 |   |          | 12/21/20 15:18 | 2       |
| Bromoethene(Vinyl Bromide)       | 1.7         | U          | 1.7  | 0.45 | ug/m3 |   |          | 12/21/20 15:18 | 2       |
| <b>Trichlorofluoromethane</b>    | <b>0.98</b> | <b>J D</b> | 2.2  | 0.67 | ug/m3 |   |          | 12/21/20 15:18 | 2       |
| 1,1,2-Trichlorotrifluoroethane   | 3.1         | U          | 3.1  | 0.58 | ug/m3 |   |          | 12/21/20 15:18 | 2       |
| 1,1-Dichloroethene               | 0.40        | U          | 0.40 | 0.31 | ug/m3 |   |          | 12/21/20 15:18 | 2       |
| <b>Acetone</b>                   | <b>8.1</b>  | <b>J D</b> | 24   | 5.7  | ug/m3 |   |          | 12/21/20 15:18 | 2       |
| Isopropyl alcohol                | 25          | U          | 25   | 2.4  | ug/m3 |   |          | 12/21/20 15:18 | 2       |
| <b>Carbon disulfide</b>          | <b>1.4</b>  | <b>J D</b> | 3.1  | 0.46 | ug/m3 |   |          | 12/21/20 15:18 | 2       |
| 3-Chloropropene                  | 3.1         | U          | 3.1  | 0.40 | ug/m3 |   |          | 12/21/20 15:18 | 2       |
| Methylene Chloride               | 3.5         | U          | 3.5  | 1.9  | ug/m3 |   |          | 12/21/20 15:18 | 2       |
| tert-Butyl alcohol               | 30          | U          | 30   | 0.23 | ug/m3 |   |          | 12/21/20 15:18 | 2       |
| Methyl tert-butyl ether          | 1.4         | U          | 1.4  | 0.24 | ug/m3 |   |          | 12/21/20 15:18 | 2       |
| trans-1,2-Dichloroethene         | 1.6         | U          | 1.6  | 0.33 | ug/m3 |   |          | 12/21/20 15:18 | 2       |
| <b>n-Hexane</b>                  | <b>10</b>   | <b>D</b>   | 1.4  | 1.4  | ug/m3 |   |          | 12/21/20 15:18 | 2       |
| 1,1-Dichloroethane               | 1.6         | U          | 1.6  | 0.33 | ug/m3 |   |          | 12/21/20 15:18 | 2       |
| Methyl Ethyl Ketone (2-Butanone) | 2.9         | U          | 2.9  | 0.42 | ug/m3 |   |          | 12/21/20 15:18 | 2       |
| cis-1,2-Dichloroethene           | 0.40        | U          | 0.40 | 0.36 | ug/m3 |   |          | 12/21/20 15:18 | 2       |
| Chloroform                       | 2.0         | U          | 2.0  | 0.31 | ug/m3 |   |          | 12/21/20 15:18 | 2       |
| Tetrahydrofuran                  | 29          | U          | 29   | 0.39 | ug/m3 |   |          | 12/21/20 15:18 | 2       |
| 1,1,1-Trichloroethane            | 2.2         | U          | 2.2  | 0.39 | ug/m3 |   |          | 12/21/20 15:18 | 2       |
| Cyclohexane                      | 1.4         | U          | 1.4  | 0.32 | ug/m3 |   |          | 12/21/20 15:18 | 2       |
| Carbon tetrachloride             | 0.44        | U          | 0.44 | 0.30 | ug/m3 |   |          | 12/21/20 15:18 | 2       |
| 2,2,4-Trimethylpentane           | 1.9         | U          | 1.9  | 0.38 | ug/m3 |   |          | 12/21/20 15:18 | 2       |
| <b>Benzene</b>                   | <b>1.1</b>  | <b>J D</b> | 1.3  | 0.43 | ug/m3 |   |          | 12/21/20 15:18 | 2       |

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# Client Sample Results

Client: Stantec Consulting Services Inc  
Project/Site: Easton Cooper Industries

Job ID: 200-56451-1  
SDG: 200-56451-1

**Client Sample ID: SG-202**

**Lab Sample ID: 200-56451-2**

**Date Collected: 12/09/20 14:59**

**Matrix: Air**

**Date Received: 12/10/20 10:35**

**Sample Container: Summa Canister 6L**

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

| Analyte                                       | Result      | Qualifier  | RL   | MDL   | Unit    | D | Prepared | Analyzed       | Dil Fac |
|-----------------------------------------------|-------------|------------|------|-------|---------|---|----------|----------------|---------|
| 1,2-Dichloroethane                            | 1.6         | U          | 1.6  | 0.26  | ug/m3   |   |          | 12/21/20 15:18 | 2       |
| <b>n-Heptane</b>                              | <b>3.1</b>  | <b>D</b>   | 1.6  | 0.46  | ug/m3   |   |          | 12/21/20 15:18 | 2       |
| <b>Trichloroethene</b>                        | <b>0.71</b> | <b>D</b>   | 0.40 | 0.38  | ug/m3   |   |          | 12/21/20 15:18 | 2       |
| Methyl methacrylate                           | 4.1         | U          | 4.1  | 0.27  | ug/m3   |   |          | 12/21/20 15:18 | 2       |
| 1,2-Dichloropropane                           | 1.8         | U          | 1.8  | 0.31  | ug/m3   |   |          | 12/21/20 15:18 | 2       |
| 1,4-Dioxane                                   | 36          | U          | 36   | 0.61  | ug/m3   |   |          | 12/21/20 15:18 | 2       |
| Bromodichloromethane                          | 2.7         | U          | 2.7  | 0.47  | ug/m3   |   |          | 12/21/20 15:18 | 2       |
| cis-1,3-Dichloropropene                       | 1.8         | U          | 1.8  | 0.29  | ug/m3   |   |          | 12/21/20 15:18 | 2       |
| 4-Methyl-2-pentanone (Methyl isobutyl ketone) | 4.1         | U          | 4.1  | 0.29  | ug/m3   |   |          | 12/21/20 15:18 | 2       |
| <b>Toluene</b>                                | <b>2.3</b>  | <b>D</b>   | 1.5  | 0.83  | ug/m3   |   |          | 12/21/20 15:18 | 2       |
| trans-1,3-Dichloropropene                     | 1.8         | U          | 1.8  | 0.35  | ug/m3   |   |          | 12/21/20 15:18 | 2       |
| 1,1,2-Trichloroethane                         | 2.2         | U          | 2.2  | 0.39  | ug/m3   |   |          | 12/21/20 15:18 | 2       |
| <b>Tetrachloroethene</b>                      | <b>17</b>   | <b>D</b>   | 2.7  | 0.45  | ug/m3   |   |          | 12/21/20 15:18 | 2       |
| Methyl Butyl Ketone (2-Hexanone)              | 4.1         | U          | 4.1  | 0.39  | ug/m3   |   |          | 12/21/20 15:18 | 2       |
| Dibromochloromethane                          | 3.4         | U          | 3.4  | 0.61  | ug/m3   |   |          | 12/21/20 15:18 | 2       |
| 1,2-Dibromoethane                             | 3.1         | U          | 3.1  | 0.75  | ug/m3   |   |          | 12/21/20 15:18 | 2       |
| Chlorobenzene                                 | 1.8         | U          | 1.8  | 0.52  | ug/m3   |   |          | 12/21/20 15:18 | 2       |
| <b>Ethylbenzene</b>                           | <b>0.98</b> | <b>J D</b> | 1.7  | 0.55  | ug/m3   |   |          | 12/21/20 15:18 | 2       |
| <b>m,p-Xylene</b>                             | <b>2.1</b>  | <b>J D</b> | 4.3  | 0.87  | ug/m3   |   |          | 12/21/20 15:18 | 2       |
| <b>o-Xylene</b>                               | <b>1.1</b>  | <b>J D</b> | 1.7  | 0.42  | ug/m3   |   |          | 12/21/20 15:18 | 2       |
| Styrene                                       | 1.7         | U          | 1.7  | 0.34  | ug/m3   |   |          | 12/21/20 15:18 | 2       |
| Bromoform                                     | 4.1         | U          | 4.1  | 0.99  | ug/m3   |   |          | 12/21/20 15:18 | 2       |
| Cumene                                        | 2.0         | U          | 2.0  | 0.34  | ug/m3   |   |          | 12/21/20 15:18 | 2       |
| 1,1,2,2-Tetrachloroethane                     | 2.7         | U          | 2.7  | 0.58  | ug/m3   |   |          | 12/21/20 15:18 | 2       |
| n-Propylbenzene                               | 2.0         | U          | 2.0  | 0.38  | ug/m3   |   |          | 12/21/20 15:18 | 2       |
| 4-Ethyltoluene                                | 2.0         | U          | 2.0  | 0.40  | ug/m3   |   |          | 12/21/20 15:18 | 2       |
| 1,3,5-Trimethylbenzene                        | 2.0         | U          | 2.0  | 0.38  | ug/m3   |   |          | 12/21/20 15:18 | 2       |
| 2-Chlorotoluene                               | 2.1         | U          | 2.1  | 0.43  | ug/m3   |   |          | 12/21/20 15:18 | 2       |
| tert-Butylbenzene                             | 2.2         | U          | 2.2  | 0.38  | ug/m3   |   |          | 12/21/20 15:18 | 2       |
| 1,2,4-Trimethylbenzene                        | 2.0         | U          | 2.0  | 0.43  | ug/m3   |   |          | 12/21/20 15:18 | 2       |
| sec-Butylbenzene                              | 2.2         | U          | 2.2  | 0.38  | ug/m3   |   |          | 12/21/20 15:18 | 2       |
| 4-Isopropyltoluene                            | 2.2         | U          | 2.2  | 0.43  | ug/m3   |   |          | 12/21/20 15:18 | 2       |
| 1,3-Dichlorobenzene                           | 2.4         | U          | 2.4  | 1.3   | ug/m3   |   |          | 12/21/20 15:18 | 2       |
| 1,4-Dichlorobenzene                           | 2.4         | U          | 2.4  | 1.4   | ug/m3   |   |          | 12/21/20 15:18 | 2       |
| Benzyl chloride                               | 2.1         | U          | 2.1  | 0.88  | ug/m3   |   |          | 12/21/20 15:18 | 2       |
| n-Butylbenzene                                | 2.2         | U          | 2.2  | 0.43  | ug/m3   |   |          | 12/21/20 15:18 | 2       |
| 1,2-Dichlorobenzene                           | 2.4         | U          | 2.4  | 1.2   | ug/m3   |   |          | 12/21/20 15:18 | 2       |
| 1,2,4-Trichlorobenzene                        | 7.4         | U          | 7.4  | 3.3   | ug/m3   |   |          | 12/21/20 15:18 | 2       |
| Hexachlorobutadiene                           | 4.3         | U          | 4.3  | 1.6   | ug/m3   |   |          | 12/21/20 15:18 | 2       |
| Naphthalene                                   | 5.2         | U          | 5.2  | 1.8   | ug/m3   |   |          | 12/21/20 15:18 | 2       |
| Analyte                                       | Result      | Qualifier  | RL   | MDL   | Unit    | D | Prepared | Analyzed       | Dil Fac |
| <b>Dichlorodifluoromethane</b>                | <b>0.54</b> | <b>J D</b> | 1.0  | 0.22  | ppb v/v |   |          | 12/21/20 15:18 | 2       |
| Chlorodifluoromethane                         | 1.0         | U          | 1.0  | 0.24  | ppb v/v |   |          | 12/21/20 15:18 | 2       |
| 1,2-Dichlorotetrafluoroethane                 | 0.40        | U          | 0.40 | 0.070 | ppb v/v |   |          | 12/21/20 15:18 | 2       |
| <b>Chloromethane</b>                          | <b>0.69</b> | <b>J D</b> | 1.0  | 0.22  | ppb v/v |   |          | 12/21/20 15:18 | 2       |
| <b>n-Butane</b>                               | <b>49</b>   | <b>D</b>   | 1.0  | 0.22  | ppb v/v |   |          | 12/21/20 15:18 | 2       |
| Vinyl chloride                                | 0.16        | U          | 0.16 | 0.088 | ppb v/v |   |          | 12/21/20 15:18 | 2       |



# Client Sample Results

Client: Stantec Consulting Services Inc  
Project/Site: Easton Cooper Industries

Job ID: 200-56451-1  
SDG: 200-56451-1

**Client Sample ID: SG-202**

**Lab Sample ID: 200-56451-2**

**Date Collected: 12/09/20 14:59**

**Matrix: Air**

**Date Received: 12/10/20 10:35**

**Sample Container: Summa Canister 6L**

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

| Analyte                                       | Result      | Qualifier  | RL    | MDL   | Unit    | D | Prepared | Analyzed       | Dil Fac |
|-----------------------------------------------|-------------|------------|-------|-------|---------|---|----------|----------------|---------|
| <b>1,3-Butadiene</b>                          | <b>4.4</b>  | <b>D</b>   | 0.40  | 0.11  | ppb v/v |   |          | 12/21/20 15:18 | 2       |
| Bromomethane                                  | 0.40        | U          | 0.40  | 0.10  | ppb v/v |   |          | 12/21/20 15:18 | 2       |
| Chloroethane                                  | 1.0         | U          | 1.0   | 0.11  | ppb v/v |   |          | 12/21/20 15:18 | 2       |
| Bromoethene(Vinyl Bromide)                    | 0.40        | U          | 0.40  | 0.10  | ppb v/v |   |          | 12/21/20 15:18 | 2       |
| <b>Trichlorofluoromethane</b>                 | <b>0.17</b> | <b>J D</b> | 0.40  | 0.12  | ppb v/v |   |          | 12/21/20 15:18 | 2       |
| 1,1,2-Trichlorotrifluoroethane                | 0.40        | U          | 0.40  | 0.076 | ppb v/v |   |          | 12/21/20 15:18 | 2       |
| 1,1-Dichloroethene                            | 0.10        | U          | 0.10  | 0.078 | ppb v/v |   |          | 12/21/20 15:18 | 2       |
| <b>Acetone</b>                                | <b>3.4</b>  | <b>J D</b> | 10    | 2.4   | ppb v/v |   |          | 12/21/20 15:18 | 2       |
| Isopropyl alcohol                             | 10          | U          | 10    | 0.96  | ppb v/v |   |          | 12/21/20 15:18 | 2       |
| <b>Carbon disulfide</b>                       | <b>0.44</b> | <b>J D</b> | 1.0   | 0.15  | ppb v/v |   |          | 12/21/20 15:18 | 2       |
| 3-Chloropropene                               | 1.0         | U          | 1.0   | 0.13  | ppb v/v |   |          | 12/21/20 15:18 | 2       |
| Methylene Chloride                            | 1.0         | U          | 1.0   | 0.54  | ppb v/v |   |          | 12/21/20 15:18 | 2       |
| tert-Butyl alcohol                            | 10          | U          | 10    | 0.076 | ppb v/v |   |          | 12/21/20 15:18 | 2       |
| Methyl tert-butyl ether                       | 0.40        | U          | 0.40  | 0.066 | ppb v/v |   |          | 12/21/20 15:18 | 2       |
| trans-1,2-Dichloroethene                      | 0.40        | U          | 0.40  | 0.084 | ppb v/v |   |          | 12/21/20 15:18 | 2       |
| <b>n-Hexane</b>                               | <b>2.9</b>  | <b>D</b>   | 0.40  | 0.40  | ppb v/v |   |          | 12/21/20 15:18 | 2       |
| 1,1-Dichloroethane                            | 0.40        | U          | 0.40  | 0.082 | ppb v/v |   |          | 12/21/20 15:18 | 2       |
| Methyl Ethyl Ketone (2-Butanone)              | 1.0         | U          | 1.0   | 0.14  | ppb v/v |   |          | 12/21/20 15:18 | 2       |
| cis-1,2-Dichloroethene                        | 0.10        | U          | 0.10  | 0.090 | ppb v/v |   |          | 12/21/20 15:18 | 2       |
| Chloroform                                    | 0.40        | U          | 0.40  | 0.064 | ppb v/v |   |          | 12/21/20 15:18 | 2       |
| Tetrahydrofuran                               | 10          | U          | 10    | 0.13  | ppb v/v |   |          | 12/21/20 15:18 | 2       |
| 1,1,1-Trichloroethane                         | 0.40        | U          | 0.40  | 0.072 | ppb v/v |   |          | 12/21/20 15:18 | 2       |
| Cyclohexane                                   | 0.40        | U          | 0.40  | 0.092 | ppb v/v |   |          | 12/21/20 15:18 | 2       |
| Carbon tetrachloride                          | 0.070       | U          | 0.070 | 0.048 | ppb v/v |   |          | 12/21/20 15:18 | 2       |
| 2,2,4-Trimethylpentane                        | 0.40        | U          | 0.40  | 0.082 | ppb v/v |   |          | 12/21/20 15:18 | 2       |
| <b>Benzene</b>                                | <b>0.34</b> | <b>J D</b> | 0.40  | 0.13  | ppb v/v |   |          | 12/21/20 15:18 | 2       |
| 1,2-Dichloroethane                            | 0.40        | U          | 0.40  | 0.064 | ppb v/v |   |          | 12/21/20 15:18 | 2       |
| <b>n-Heptane</b>                              | <b>0.75</b> | <b>D</b>   | 0.40  | 0.11  | ppb v/v |   |          | 12/21/20 15:18 | 2       |
| <b>Trichloroethene</b>                        | <b>0.13</b> | <b>D</b>   | 0.074 | 0.070 | ppb v/v |   |          | 12/21/20 15:18 | 2       |
| Methyl methacrylate                           | 1.0         | U          | 1.0   | 0.066 | ppb v/v |   |          | 12/21/20 15:18 | 2       |
| 1,2-Dichloropropane                           | 0.40        | U          | 0.40  | 0.066 | ppb v/v |   |          | 12/21/20 15:18 | 2       |
| 1,4-Dioxane                                   | 10          | U          | 10    | 0.17  | ppb v/v |   |          | 12/21/20 15:18 | 2       |
| Bromodichloromethane                          | 0.40        | U          | 0.40  | 0.070 | ppb v/v |   |          | 12/21/20 15:18 | 2       |
| cis-1,3-Dichloropropene                       | 0.40        | U          | 0.40  | 0.064 | ppb v/v |   |          | 12/21/20 15:18 | 2       |
| 4-Methyl-2-pentanone (Methyl isobutyl ketone) | 1.0         | U          | 1.0   | 0.072 | ppb v/v |   |          | 12/21/20 15:18 | 2       |
| <b>Toluene</b>                                | <b>0.60</b> | <b>D</b>   | 0.40  | 0.22  | ppb v/v |   |          | 12/21/20 15:18 | 2       |
| trans-1,3-Dichloropropene                     | 0.40        | U          | 0.40  | 0.078 | ppb v/v |   |          | 12/21/20 15:18 | 2       |
| 1,1,2-Trichloroethane                         | 0.40        | U          | 0.40  | 0.072 | ppb v/v |   |          | 12/21/20 15:18 | 2       |
| <b>Tetrachloroethene</b>                      | <b>2.5</b>  | <b>D</b>   | 0.40  | 0.066 | ppb v/v |   |          | 12/21/20 15:18 | 2       |
| Methyl Butyl Ketone (2-Hexanone)              | 1.0         | U          | 1.0   | 0.096 | ppb v/v |   |          | 12/21/20 15:18 | 2       |
| Dibromochloromethane                          | 0.40        | U          | 0.40  | 0.072 | ppb v/v |   |          | 12/21/20 15:18 | 2       |
| 1,2-Dibromoethane                             | 0.40        | U          | 0.40  | 0.098 | ppb v/v |   |          | 12/21/20 15:18 | 2       |
| Chlorobenzene                                 | 0.40        | U          | 0.40  | 0.11  | ppb v/v |   |          | 12/21/20 15:18 | 2       |
| <b>Ethylbenzene</b>                           | <b>0.23</b> | <b>J D</b> | 0.40  | 0.13  | ppb v/v |   |          | 12/21/20 15:18 | 2       |
| <b>m,p-Xylene</b>                             | <b>0.49</b> | <b>J D</b> | 1.0   | 0.20  | ppb v/v |   |          | 12/21/20 15:18 | 2       |
| <b>o-Xylene</b>                               | <b>0.25</b> | <b>J D</b> | 0.40  | 0.096 | ppb v/v |   |          | 12/21/20 15:18 | 2       |
| Styrene                                       | 0.40        | U          | 0.40  | 0.080 | ppb v/v |   |          | 12/21/20 15:18 | 2       |
| Bromoform                                     | 0.40        | U          | 0.40  | 0.096 | ppb v/v |   |          | 12/21/20 15:18 | 2       |

# Client Sample Results

Client: Stantec Consulting Services Inc  
Project/Site: Easton Cooper Industries

Job ID: 200-56451-1  
SDG: 200-56451-1

**Client Sample ID: SG-202**

**Lab Sample ID: 200-56451-2**

**Date Collected: 12/09/20 14:59**

**Matrix: Air**

**Date Received: 12/10/20 10:35**

**Sample Container: Summa Canister 6L**

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

| Analyte                   | Result | Qualifier | RL   | MDL   | Unit    | D | Prepared | Analyzed       | Dil Fac |
|---------------------------|--------|-----------|------|-------|---------|---|----------|----------------|---------|
| Cumene                    | 0.40   | U         | 0.40 | 0.070 | ppb v/v |   |          | 12/21/20 15:18 | 2       |
| 1,1,2,2-Tetrachloroethane | 0.40   | U         | 0.40 | 0.084 | ppb v/v |   |          | 12/21/20 15:18 | 2       |
| n-Propylbenzene           | 0.40   | U         | 0.40 | 0.078 | ppb v/v |   |          | 12/21/20 15:18 | 2       |
| 4-Ethyltoluene            | 0.40   | U         | 0.40 | 0.082 | ppb v/v |   |          | 12/21/20 15:18 | 2       |
| 1,3,5-Trimethylbenzene    | 0.40   | U         | 0.40 | 0.078 | ppb v/v |   |          | 12/21/20 15:18 | 2       |
| 2-Chlorotoluene           | 0.40   | U         | 0.40 | 0.084 | ppb v/v |   |          | 12/21/20 15:18 | 2       |
| tert-Butylbenzene         | 0.40   | U         | 0.40 | 0.070 | ppb v/v |   |          | 12/21/20 15:18 | 2       |
| 1,2,4-Trimethylbenzene    | 0.40   | U         | 0.40 | 0.088 | ppb v/v |   |          | 12/21/20 15:18 | 2       |
| sec-Butylbenzene          | 0.40   | U         | 0.40 | 0.070 | ppb v/v |   |          | 12/21/20 15:18 | 2       |
| 4-Isopropyltoluene        | 0.40   | U         | 0.40 | 0.078 | ppb v/v |   |          | 12/21/20 15:18 | 2       |
| 1,3-Dichlorobenzene       | 0.40   | U         | 0.40 | 0.22  | ppb v/v |   |          | 12/21/20 15:18 | 2       |
| 1,4-Dichlorobenzene       | 0.40   | U         | 0.40 | 0.24  | ppb v/v |   |          | 12/21/20 15:18 | 2       |
| Benzyl chloride           | 0.40   | U         | 0.40 | 0.17  | ppb v/v |   |          | 12/21/20 15:18 | 2       |
| n-Butylbenzene            | 0.40   | U         | 0.40 | 0.078 | ppb v/v |   |          | 12/21/20 15:18 | 2       |
| 1,2-Dichlorobenzene       | 0.40   | U         | 0.40 | 0.19  | ppb v/v |   |          | 12/21/20 15:18 | 2       |
| 1,2,4-Trichlorobenzene    | 1.0    | U         | 1.0  | 0.44  | ppb v/v |   |          | 12/21/20 15:18 | 2       |
| Hexachlorobutadiene       | 0.40   | U         | 0.40 | 0.15  | ppb v/v |   |          | 12/21/20 15:18 | 2       |
| Naphthalene               | 1.0    | U         | 1.0  | 0.34  | ppb v/v |   |          | 12/21/20 15:18 | 2       |

**Client Sample ID: SG-203**

**Lab Sample ID: 200-56451-3**

**Date Collected: 12/09/20 14:50**

**Matrix: Air**

**Date Received: 12/10/20 10:35**

**Sample Container: Summa Canister 6L**

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

| Analyte                               | Result      | Qualifier | RL   | MDL  | Unit  | D | Prepared | Analyzed       | Dil Fac |
|---------------------------------------|-------------|-----------|------|------|-------|---|----------|----------------|---------|
| <b>Dichlorodifluoromethane</b>        | <b>2.0</b>  | <b>J</b>  | 2.5  | 0.54 | ug/m3 |   |          | 12/19/20 01:48 | 1       |
| Chlorodifluoromethane                 | 1.8         | U         | 1.8  | 0.42 | ug/m3 |   |          | 12/19/20 01:48 | 1       |
| 1,2-Dichlorotetrafluoroethane         | 1.4         | U         | 1.4  | 0.24 | ug/m3 |   |          | 12/19/20 01:48 | 1       |
| Chloromethane                         | 1.0         | U         | 1.0  | 0.23 | ug/m3 |   |          | 12/19/20 01:48 | 1       |
| <b>n-Butane</b>                       | <b>32</b>   |           | 1.2  | 0.26 | ug/m3 |   |          | 12/19/20 01:48 | 1       |
| Vinyl chloride                        | 0.20        | U         | 0.20 | 0.11 | ug/m3 |   |          | 12/19/20 01:48 | 1       |
| <b>1,3-Butadiene</b>                  | <b>0.66</b> |           | 0.44 | 0.13 | ug/m3 |   |          | 12/19/20 01:48 | 1       |
| Bromomethane                          | 0.78        | U         | 0.78 | 0.20 | ug/m3 |   |          | 12/19/20 01:48 | 1       |
| Chloroethane                          | 1.3         | U         | 1.3  | 0.14 | ug/m3 |   |          | 12/19/20 01:48 | 1       |
| Bromoethene(Vinyl Bromide)            | 0.87        | U         | 0.87 | 0.23 | ug/m3 |   |          | 12/19/20 01:48 | 1       |
| <b>Trichlorofluoromethane</b>         | <b>1.4</b>  |           | 1.1  | 0.34 | ug/m3 |   |          | 12/19/20 01:48 | 1       |
| <b>1,1,2-Trichlorotrifluoroethane</b> | <b>0.54</b> | <b>J</b>  | 1.5  | 0.29 | ug/m3 |   |          | 12/19/20 01:48 | 1       |
| 1,1-Dichloroethene                    | 0.20        | U         | 0.20 | 0.15 | ug/m3 |   |          | 12/19/20 01:48 | 1       |
| <b>Acetone</b>                        | <b>4.7</b>  | <b>J</b>  | 12   | 2.9  | ug/m3 |   |          | 12/19/20 01:48 | 1       |
| Isopropyl alcohol                     | 12          | U         | 12   | 1.2  | ug/m3 |   |          | 12/19/20 01:48 | 1       |
| <b>Carbon disulfide</b>               | <b>12</b>   |           | 1.6  | 0.23 | ug/m3 |   |          | 12/19/20 01:48 | 1       |
| 3-Chloropropene                       | 1.6         | U         | 1.6  | 0.20 | ug/m3 |   |          | 12/19/20 01:48 | 1       |
| Methylene Chloride                    | 1.7         | U         | 1.7  | 0.94 | ug/m3 |   |          | 12/19/20 01:48 | 1       |
| <b>tert-Butyl alcohol</b>             | <b>0.30</b> | <b>J</b>  | 15   | 0.12 | ug/m3 |   |          | 12/19/20 01:48 | 1       |
| Methyl tert-butyl ether               | 0.72        | U         | 0.72 | 0.12 | ug/m3 |   |          | 12/19/20 01:48 | 1       |
| trans-1,2-Dichloroethene              | 0.79        | U         | 0.79 | 0.17 | ug/m3 |   |          | 12/19/20 01:48 | 1       |
| <b>n-Hexane</b>                       | <b>2.1</b>  |           | 0.70 | 0.70 | ug/m3 |   |          | 12/19/20 01:48 | 1       |
| 1,1-Dichloroethane                    | 0.81        | U         | 0.81 | 0.17 | ug/m3 |   |          | 12/19/20 01:48 | 1       |

Eurofins TestAmerica, Burlington

# Client Sample Results

Client: Stantec Consulting Services Inc  
Project/Site: Easton Cooper Industries

Job ID: 200-56451-1  
SDG: 200-56451-1

**Client Sample ID: SG-203**

**Lab Sample ID: 200-56451-3**

**Date Collected: 12/09/20 14:50**

**Matrix: Air**

**Date Received: 12/10/20 10:35**

**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 |
|------------------------------------------------------|-------------|-----------|------|------|-------|---|----------|----------------|---------|
| <b>Methyl Ethyl Ketone (2-Butanone)</b>              | <b>0.73</b> | <b>J</b>  | 1.5  | 0.21 | ug/m3 |   |          | 12/19/20 01:48 | 1       |
| cis-1,2-Dichloroethene                               | 0.20        | U         | 0.20 | 0.18 | ug/m3 |   |          | 12/19/20 01:48 | 1       |
| <b>Chloroform</b>                                    | <b>0.43</b> | <b>J</b>  | 0.98 | 0.16 | ug/m3 |   |          | 12/19/20 01:48 | 1       |
| Tetrahydrofuran                                      | 15          | U         | 15   | 0.19 | ug/m3 |   |          | 12/19/20 01:48 | 1       |
| <b>1,1,1-Trichloroethane</b>                         | <b>0.32</b> | <b>J</b>  | 1.1  | 0.20 | ug/m3 |   |          | 12/19/20 01:48 | 1       |
| <b>Cyclohexane</b>                                   | <b>0.81</b> |           | 0.69 | 0.16 | ug/m3 |   |          | 12/19/20 01:48 | 1       |
| <b>Carbon tetrachloride</b>                          | <b>0.19</b> | <b>J</b>  | 0.22 | 0.15 | ug/m3 |   |          | 12/19/20 01:48 | 1       |
| <b>2,2,4-Trimethylpentane</b>                        | <b>0.22</b> | <b>J</b>  | 0.93 | 0.19 | ug/m3 |   |          | 12/19/20 01:48 | 1       |
| <b>Benzene</b>                                       | <b>1.0</b>  |           | 0.64 | 0.21 | ug/m3 |   |          | 12/19/20 01:48 | 1       |
| 1,2-Dichloroethane                                   | 0.81        | U         | 0.81 | 0.13 | ug/m3 |   |          | 12/19/20 01:48 | 1       |
| <b>n-Heptane</b>                                     | <b>1.6</b>  |           | 0.82 | 0.23 | ug/m3 |   |          | 12/19/20 01:48 | 1       |
| <b>Trichloroethene</b>                               | <b>0.42</b> |           | 0.20 | 0.19 | ug/m3 |   |          | 12/19/20 01:48 | 1       |
| Methyl methacrylate                                  | 2.0         | U         | 2.0  | 0.14 | ug/m3 |   |          | 12/19/20 01:48 | 1       |
| 1,2-Dichloropropane                                  | 0.92        | U         | 0.92 | 0.15 | ug/m3 |   |          | 12/19/20 01:48 | 1       |
| 1,4-Dioxane                                          | 18          | U         | 18   | 0.30 | ug/m3 |   |          | 12/19/20 01:48 | 1       |
| Bromodichloromethane                                 | 1.3         | U         | 1.3  | 0.23 | ug/m3 |   |          | 12/19/20 01:48 | 1       |
| cis-1,3-Dichloropropene                              | 0.91        | U         | 0.91 | 0.15 | ug/m3 |   |          | 12/19/20 01:48 | 1       |
| <b>4-Methyl-2-pentanone (Methyl isobutyl ketone)</b> | <b>1.0</b>  | <b>J</b>  | 2.0  | 0.15 | ug/m3 |   |          | 12/19/20 01:48 | 1       |
| <b>Toluene</b>                                       | <b>1.8</b>  |           | 0.75 | 0.41 | ug/m3 |   |          | 12/19/20 01:48 | 1       |
| trans-1,3-Dichloropropene                            | 0.91        | U         | 0.91 | 0.18 | ug/m3 |   |          | 12/19/20 01:48 | 1       |
| 1,1,2-Trichloroethane                                | 1.1         | U         | 1.1  | 0.20 | ug/m3 |   |          | 12/19/20 01:48 | 1       |
| <b>Tetrachloroethene</b>                             | <b>8.1</b>  |           | 1.4  | 0.22 | ug/m3 |   |          | 12/19/20 01:48 | 1       |
| <b>Methyl Butyl Ketone (2-Hexanone)</b>              | <b>0.41</b> | <b>J</b>  | 2.0  | 0.20 | ug/m3 |   |          | 12/19/20 01:48 | 1       |
| Dibromochloromethane                                 | 1.7         | U         | 1.7  | 0.31 | ug/m3 |   |          | 12/19/20 01:48 | 1       |
| 1,2-Dibromoethane                                    | 1.5         | U         | 1.5  | 0.38 | ug/m3 |   |          | 12/19/20 01:48 | 1       |
| Chlorobenzene                                        | 0.92        | U         | 0.92 | 0.26 | ug/m3 |   |          | 12/19/20 01:48 | 1       |
| <b>Ethylbenzene</b>                                  | <b>2.2</b>  |           | 0.87 | 0.27 | ug/m3 |   |          | 12/19/20 01:48 | 1       |
| <b>m,p-Xylene</b>                                    | <b>8.2</b>  |           | 2.2  | 0.43 | ug/m3 |   |          | 12/19/20 01:48 | 1       |
| <b>o-Xylene</b>                                      | <b>2.6</b>  |           | 0.87 | 0.21 | ug/m3 |   |          | 12/19/20 01:48 | 1       |
| Styrene                                              | 0.85        | U         | 0.85 | 0.17 | ug/m3 |   |          | 12/19/20 01:48 | 1       |
| Bromoform                                            | 2.1         | U         | 2.1  | 0.50 | ug/m3 |   |          | 12/19/20 01:48 | 1       |
| Cumene                                               | 0.98        | U         | 0.98 | 0.17 | ug/m3 |   |          | 12/19/20 01:48 | 1       |
| 1,1,2,2-Tetrachloroethane                            | 1.4         | U         | 1.4  | 0.29 | ug/m3 |   |          | 12/19/20 01:48 | 1       |
| <b>n-Propylbenzene</b>                               | <b>0.25</b> | <b>J</b>  | 0.98 | 0.19 | ug/m3 |   |          | 12/19/20 01:48 | 1       |
| <b>4-Ethyltoluene</b>                                | <b>0.34</b> | <b>J</b>  | 0.98 | 0.20 | ug/m3 |   |          | 12/19/20 01:48 | 1       |
| <b>1,3,5-Trimethylbenzene</b>                        | <b>0.55</b> | <b>J</b>  | 0.98 | 0.19 | ug/m3 |   |          | 12/19/20 01:48 | 1       |
| 2-Chlorotoluene                                      | 1.0         | U         | 1.0  | 0.22 | ug/m3 |   |          | 12/19/20 01:48 | 1       |
| tert-Butylbenzene                                    | 1.1         | U         | 1.1  | 0.19 | ug/m3 |   |          | 12/19/20 01:48 | 1       |
| <b>1,2,4-Trimethylbenzene</b>                        | <b>1.6</b>  |           | 0.98 | 0.22 | ug/m3 |   |          | 12/19/20 01:48 | 1       |
| sec-Butylbenzene                                     | 1.1         | U         | 1.1  | 0.19 | ug/m3 |   |          | 12/19/20 01:48 | 1       |
| 4-Isopropyltoluene                                   | 1.1         | U         | 1.1  | 0.21 | ug/m3 |   |          | 12/19/20 01:48 | 1       |
| 1,3-Dichlorobenzene                                  | 1.2         | U         | 1.2  | 0.66 | ug/m3 |   |          | 12/19/20 01:48 | 1       |
| 1,4-Dichlorobenzene                                  | 1.2         | U         | 1.2  | 0.72 | ug/m3 |   |          | 12/19/20 01:48 | 1       |
| Benzyl chloride                                      | 1.0         | U         | 1.0  | 0.44 | ug/m3 |   |          | 12/19/20 01:48 | 1       |
| n-Butylbenzene                                       | 1.1         | U         | 1.1  | 0.21 | ug/m3 |   |          | 12/19/20 01:48 | 1       |
| 1,2-Dichlorobenzene                                  | 1.2         | U         | 1.2  | 0.58 | ug/m3 |   |          | 12/19/20 01:48 | 1       |
| 1,2,4-Trichlorobenzene                               | 3.7         | U         | 3.7  | 1.6  | ug/m3 |   |          | 12/19/20 01:48 | 1       |
| Hexachlorobutadiene                                  | 2.1         | U         | 2.1  | 0.81 | ug/m3 |   |          | 12/19/20 01:48 | 1       |

# Client Sample Results

Client: Stantec Consulting Services Inc  
Project/Site: Easton Cooper Industries

Job ID: 200-56451-1  
SDG: 200-56451-1

**Client Sample ID: SG-203**

**Lab Sample ID: 200-56451-3**

**Date Collected: 12/09/20 14:50**

**Matrix: Air**

**Date Received: 12/10/20 10:35**

**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   |   |          | 12/19/20 01:48 | 1       |
| Analyte                                              | Result       | Qualifier | RL    | MDL   | Unit    | D | Prepared | Analyzed       | Dil Fac |
| <b>Dichlorodifluoromethane</b>                       | <b>0.39</b>  | <b>J</b>  | 0.50  | 0.11  | ppb v/v |   |          | 12/19/20 01:48 | 1       |
| Chlorodifluoromethane                                | 0.50         | U         | 0.50  | 0.12  | ppb v/v |   |          | 12/19/20 01:48 | 1       |
| 1,2-Dichlorotetrafluoroethane                        | 0.20         | U         | 0.20  | 0.035 | ppb v/v |   |          | 12/19/20 01:48 | 1       |
| Chloromethane                                        | 0.50         | U         | 0.50  | 0.11  | ppb v/v |   |          | 12/19/20 01:48 | 1       |
| <b>n-Butane</b>                                      | <b>13</b>    |           | 0.50  | 0.11  | ppb v/v |   |          | 12/19/20 01:48 | 1       |
| Vinyl chloride                                       | 0.078        | U         | 0.078 | 0.044 | ppb v/v |   |          | 12/19/20 01:48 | 1       |
| <b>1,3-Butadiene</b>                                 | <b>0.30</b>  |           | 0.20  | 0.057 | ppb v/v |   |          | 12/19/20 01:48 | 1       |
| Bromomethane                                         | 0.20         | U         | 0.20  | 0.051 | ppb v/v |   |          | 12/19/20 01:48 | 1       |
| Chloroethane                                         | 0.50         | U         | 0.50  | 0.054 | ppb v/v |   |          | 12/19/20 01:48 | 1       |
| Bromoethene(Vinyl Bromide)                           | 0.20         | U         | 0.20  | 0.052 | ppb v/v |   |          | 12/19/20 01:48 | 1       |
| <b>Trichlorofluoromethane</b>                        | <b>0.25</b>  |           | 0.20  | 0.060 | ppb v/v |   |          | 12/19/20 01:48 | 1       |
| <b>1,1,2-Trichlorotrifluoroethane</b>                | <b>0.071</b> | <b>J</b>  | 0.20  | 0.038 | ppb v/v |   |          | 12/19/20 01:48 | 1       |
| 1,1-Dichloroethene                                   | 0.050        | U         | 0.050 | 0.039 | ppb v/v |   |          | 12/19/20 01:48 | 1       |
| <b>Acetone</b>                                       | <b>2.0</b>   | <b>J</b>  | 5.0   | 1.2   | ppb v/v |   |          | 12/19/20 01:48 | 1       |
| Isopropyl alcohol                                    | 5.0          | U         | 5.0   | 0.48  | ppb v/v |   |          | 12/19/20 01:48 | 1       |
| <b>Carbon disulfide</b>                              | <b>3.8</b>   |           | 0.50  | 0.074 | ppb v/v |   |          | 12/19/20 01:48 | 1       |
| 3-Chloropropene                                      | 0.50         | U         | 0.50  | 0.064 | ppb v/v |   |          | 12/19/20 01:48 | 1       |
| Methylene Chloride                                   | 0.50         | U         | 0.50  | 0.27  | ppb v/v |   |          | 12/19/20 01:48 | 1       |
| <b>tert-Butyl alcohol</b>                            | <b>0.099</b> | <b>J</b>  | 5.0   | 0.038 | ppb v/v |   |          | 12/19/20 01:48 | 1       |
| Methyl tert-butyl ether                              | 0.20         | U         | 0.20  | 0.033 | ppb v/v |   |          | 12/19/20 01:48 | 1       |
| trans-1,2-Dichloroethene                             | 0.20         | U         | 0.20  | 0.042 | ppb v/v |   |          | 12/19/20 01:48 | 1       |
| <b>n-Hexane</b>                                      | <b>0.59</b>  |           | 0.20  | 0.20  | ppb v/v |   |          | 12/19/20 01:48 | 1       |
| 1,1-Dichloroethane                                   | 0.20         | U         | 0.20  | 0.041 | ppb v/v |   |          | 12/19/20 01:48 | 1       |
| <b>Methyl Ethyl Ketone (2-Butanone)</b>              | <b>0.25</b>  | <b>J</b>  | 0.50  | 0.072 | ppb v/v |   |          | 12/19/20 01:48 | 1       |
| cis-1,2-Dichloroethene                               | 0.050        | U         | 0.050 | 0.045 | ppb v/v |   |          | 12/19/20 01:48 | 1       |
| <b>Chloroform</b>                                    | <b>0.088</b> | <b>J</b>  | 0.20  | 0.032 | ppb v/v |   |          | 12/19/20 01:48 | 1       |
| Tetrahydrofuran                                      | 5.0          | U         | 5.0   | 0.066 | ppb v/v |   |          | 12/19/20 01:48 | 1       |
| <b>1,1,1-Trichloroethane</b>                         | <b>0.058</b> | <b>J</b>  | 0.20  | 0.036 | ppb v/v |   |          | 12/19/20 01:48 | 1       |
| <b>Cyclohexane</b>                                   | <b>0.24</b>  |           | 0.20  | 0.046 | ppb v/v |   |          | 12/19/20 01:48 | 1       |
| <b>Carbon tetrachloride</b>                          | <b>0.030</b> | <b>J</b>  | 0.035 | 0.024 | ppb v/v |   |          | 12/19/20 01:48 | 1       |
| <b>2,2,4-Trimethylpentane</b>                        | <b>0.047</b> | <b>J</b>  | 0.20  | 0.041 | ppb v/v |   |          | 12/19/20 01:48 | 1       |
| <b>Benzene</b>                                       | <b>0.32</b>  |           | 0.20  | 0.067 | ppb v/v |   |          | 12/19/20 01:48 | 1       |
| 1,2-Dichloroethane                                   | 0.20         | U         | 0.20  | 0.032 | ppb v/v |   |          | 12/19/20 01:48 | 1       |
| <b>n-Heptane</b>                                     | <b>0.38</b>  |           | 0.20  | 0.056 | ppb v/v |   |          | 12/19/20 01:48 | 1       |
| <b>Trichloroethene</b>                               | <b>0.078</b> |           | 0.037 | 0.035 | ppb v/v |   |          | 12/19/20 01:48 | 1       |
| Methyl methacrylate                                  | 0.50         | U         | 0.50  | 0.033 | ppb v/v |   |          | 12/19/20 01:48 | 1       |
| 1,2-Dichloropropane                                  | 0.20         | U         | 0.20  | 0.033 | ppb v/v |   |          | 12/19/20 01:48 | 1       |
| 1,4-Dioxane                                          | 5.0          | U         | 5.0   | 0.084 | ppb v/v |   |          | 12/19/20 01:48 | 1       |
| Bromodichloromethane                                 | 0.20         | U         | 0.20  | 0.035 | ppb v/v |   |          | 12/19/20 01:48 | 1       |
| cis-1,3-Dichloropropene                              | 0.20         | U         | 0.20  | 0.032 | ppb v/v |   |          | 12/19/20 01:48 | 1       |
| <b>4-Methyl-2-pentanone (Methyl isobutyl ketone)</b> | <b>0.25</b>  | <b>J</b>  | 0.50  | 0.036 | ppb v/v |   |          | 12/19/20 01:48 | 1       |
| <b>Toluene</b>                                       | <b>0.48</b>  |           | 0.20  | 0.11  | ppb v/v |   |          | 12/19/20 01:48 | 1       |
| trans-1,3-Dichloropropene                            | 0.20         | U         | 0.20  | 0.039 | ppb v/v |   |          | 12/19/20 01:48 | 1       |
| 1,1,2-Trichloroethane                                | 0.20         | U         | 0.20  | 0.036 | ppb v/v |   |          | 12/19/20 01:48 | 1       |
| <b>Tetrachloroethene</b>                             | <b>1.2</b>   |           | 0.20  | 0.033 | ppb v/v |   |          | 12/19/20 01:48 | 1       |

# Client Sample Results

Client: Stantec Consulting Services Inc  
Project/Site: Easton Cooper Industries

Job ID: 200-56451-1  
SDG: 200-56451-1

**Client Sample ID: SG-203**

**Lab Sample ID: 200-56451-3**

**Date Collected: 12/09/20 14:50**

**Matrix: Air**

**Date Received: 12/10/20 10:35**

**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 |
|-----------------------------------------|--------------|-----------|------|-------|---------|---|----------|----------------|---------|
| <b>Methyl Butyl Ketone (2-Hexanone)</b> | <b>0.10</b>  | <b>J</b>  | 0.50 | 0.048 | ppb v/v |   |          | 12/19/20 01:48 | 1       |
| Dibromochloromethane                    | 0.20         | U         | 0.20 | 0.036 | ppb v/v |   |          | 12/19/20 01:48 | 1       |
| 1,2-Dibromoethane                       | 0.20         | U         | 0.20 | 0.049 | ppb v/v |   |          | 12/19/20 01:48 | 1       |
| Chlorobenzene                           | 0.20         | U         | 0.20 | 0.056 | ppb v/v |   |          | 12/19/20 01:48 | 1       |
| <b>Ethylbenzene</b>                     | <b>0.50</b>  |           | 0.20 | 0.063 | ppb v/v |   |          | 12/19/20 01:48 | 1       |
| <b>m,p-Xylene</b>                       | <b>1.9</b>   |           | 0.50 | 0.10  | ppb v/v |   |          | 12/19/20 01:48 | 1       |
| <b>o-Xylene</b>                         | <b>0.59</b>  |           | 0.20 | 0.048 | ppb v/v |   |          | 12/19/20 01:48 | 1       |
| Styrene                                 | 0.20         | U         | 0.20 | 0.040 | ppb v/v |   |          | 12/19/20 01:48 | 1       |
| Bromoform                               | 0.20         | U         | 0.20 | 0.048 | ppb v/v |   |          | 12/19/20 01:48 | 1       |
| Cumene                                  | 0.20         | U         | 0.20 | 0.035 | ppb v/v |   |          | 12/19/20 01:48 | 1       |
| 1,1,2,2-Tetrachloroethane               | 0.20         | U         | 0.20 | 0.042 | ppb v/v |   |          | 12/19/20 01:48 | 1       |
| <b>n-Propylbenzene</b>                  | <b>0.051</b> | <b>J</b>  | 0.20 | 0.039 | ppb v/v |   |          | 12/19/20 01:48 | 1       |
| <b>4-Ethyltoluene</b>                   | <b>0.069</b> | <b>J</b>  | 0.20 | 0.041 | ppb v/v |   |          | 12/19/20 01:48 | 1       |
| <b>1,3,5-Trimethylbenzene</b>           | <b>0.11</b>  | <b>J</b>  | 0.20 | 0.039 | ppb v/v |   |          | 12/19/20 01:48 | 1       |
| 2-Chlorotoluene                         | 0.20         | U         | 0.20 | 0.042 | ppb v/v |   |          | 12/19/20 01:48 | 1       |
| tert-Butylbenzene                       | 0.20         | U         | 0.20 | 0.035 | ppb v/v |   |          | 12/19/20 01:48 | 1       |
| <b>1,2,4-Trimethylbenzene</b>           | <b>0.32</b>  |           | 0.20 | 0.044 | ppb v/v |   |          | 12/19/20 01:48 | 1       |
| sec-Butylbenzene                        | 0.20         | U         | 0.20 | 0.035 | ppb v/v |   |          | 12/19/20 01:48 | 1       |
| 4-Isopropyltoluene                      | 0.20         | U         | 0.20 | 0.039 | ppb v/v |   |          | 12/19/20 01:48 | 1       |
| 1,3-Dichlorobenzene                     | 0.20         | U         | 0.20 | 0.11  | ppb v/v |   |          | 12/19/20 01:48 | 1       |
| 1,4-Dichlorobenzene                     | 0.20         | U         | 0.20 | 0.12  | ppb v/v |   |          | 12/19/20 01:48 | 1       |
| Benzyl chloride                         | 0.20         | U         | 0.20 | 0.085 | ppb v/v |   |          | 12/19/20 01:48 | 1       |
| n-Butylbenzene                          | 0.20         | U         | 0.20 | 0.039 | ppb v/v |   |          | 12/19/20 01:48 | 1       |
| 1,2-Dichlorobenzene                     | 0.20         | U         | 0.20 | 0.097 | ppb v/v |   |          | 12/19/20 01:48 | 1       |
| 1,2,4-Trichlorobenzene                  | 0.50         | U         | 0.50 | 0.22  | ppb v/v |   |          | 12/19/20 01:48 | 1       |
| Hexachlorobutadiene                     | 0.20         | U         | 0.20 | 0.076 | ppb v/v |   |          | 12/19/20 01:48 | 1       |
| Naphthalene                             | 0.50         | U         | 0.50 | 0.17  | ppb v/v |   |          | 12/19/20 01:48 | 1       |

**Client Sample ID: SG-204**

**Lab Sample ID: 200-56451-4**

**Date Collected: 12/09/20 14:52**

**Matrix: Air**

**Date Received: 12/10/20 10:35**

**Sample Container: Summa Canister 6L**

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

| Analyte                               | Result      | Qualifier | RL   | MDL  | Unit  | D | Prepared | Analyzed       | Dil Fac |
|---------------------------------------|-------------|-----------|------|------|-------|---|----------|----------------|---------|
| <b>Dichlorodifluoromethane</b>        | <b>1.8</b>  | <b>J</b>  | 2.5  | 0.54 | ug/m3 |   |          | 12/19/20 02:44 | 1       |
| Chlorodifluoromethane                 | 1.8         | U         | 1.8  | 0.42 | ug/m3 |   |          | 12/19/20 02:44 | 1       |
| 1,2-Dichlorotetrafluoroethane         | 1.4         | U         | 1.4  | 0.24 | ug/m3 |   |          | 12/19/20 02:44 | 1       |
| Chloromethane                         | 1.0         | U         | 1.0  | 0.23 | ug/m3 |   |          | 12/19/20 02:44 | 1       |
| <b>n-Butane</b>                       | <b>15</b>   |           | 1.2  | 0.26 | ug/m3 |   |          | 12/19/20 02:44 | 1       |
| Vinyl chloride                        | 0.20        | U         | 0.20 | 0.11 | ug/m3 |   |          | 12/19/20 02:44 | 1       |
| <b>1,3-Butadiene</b>                  | <b>0.81</b> |           | 0.44 | 0.13 | ug/m3 |   |          | 12/19/20 02:44 | 1       |
| Bromomethane                          | 0.78        | U         | 0.78 | 0.20 | ug/m3 |   |          | 12/19/20 02:44 | 1       |
| Chloroethane                          | 1.3         | U         | 1.3  | 0.14 | ug/m3 |   |          | 12/19/20 02:44 | 1       |
| Bromoethene(Vinyl Bromide)            | 0.87        | U         | 0.87 | 0.23 | ug/m3 |   |          | 12/19/20 02:44 | 1       |
| <b>Trichlorofluoromethane</b>         | <b>1.3</b>  |           | 1.1  | 0.34 | ug/m3 |   |          | 12/19/20 02:44 | 1       |
| <b>1,1,2-Trichlorotrifluoroethane</b> | <b>0.46</b> | <b>J</b>  | 1.5  | 0.29 | ug/m3 |   |          | 12/19/20 02:44 | 1       |
| 1,1-Dichloroethene                    | 0.20        | U         | 0.20 | 0.15 | ug/m3 |   |          | 12/19/20 02:44 | 1       |
| <b>Acetone</b>                        | <b>11</b>   | <b>J</b>  | 12   | 2.9  | ug/m3 |   |          | 12/19/20 02:44 | 1       |

Eurofins TestAmerica, Burlington



# Client Sample Results

Client: Stantec Consulting Services Inc  
Project/Site: Easton Cooper Industries

Job ID: 200-56451-1  
SDG: 200-56451-1

**Client Sample ID: SG-204**

**Lab Sample ID: 200-56451-4**

**Date Collected: 12/09/20 14:52**

**Matrix: Air**

**Date Received: 12/10/20 10:35**

**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 |
|------------------------------------------------------|-------------|-----------|------|------|-------|---|----------|----------------|---------|
| Isopropyl alcohol                                    | 12          | U         | 12   | 1.2  | ug/m3 |   |          | 12/19/20 02:44 | 1       |
| <b>Carbon disulfide</b>                              | <b>4.4</b>  |           | 1.6  | 0.23 | ug/m3 |   |          | 12/19/20 02:44 | 1       |
| 3-Chloropropene                                      | 1.6         | U         | 1.6  | 0.20 | ug/m3 |   |          | 12/19/20 02:44 | 1       |
| Methylene Chloride                                   | 1.7         | U         | 1.7  | 0.94 | ug/m3 |   |          | 12/19/20 02:44 | 1       |
| <b>tert-Butyl alcohol</b>                            | <b>0.53</b> | <b>J</b>  | 15   | 0.12 | ug/m3 |   |          | 12/19/20 02:44 | 1       |
| Methyl tert-butyl ether                              | 0.72        | U         | 0.72 | 0.12 | ug/m3 |   |          | 12/19/20 02:44 | 1       |
| trans-1,2-Dichloroethene                             | 0.79        | U         | 0.79 | 0.17 | ug/m3 |   |          | 12/19/20 02:44 | 1       |
| <b>n-Hexane</b>                                      | <b>6.4</b>  |           | 0.70 | 0.70 | ug/m3 |   |          | 12/19/20 02:44 | 1       |
| 1,1-Dichloroethane                                   | 0.81        | U         | 0.81 | 0.17 | ug/m3 |   |          | 12/19/20 02:44 | 1       |
| <b>Methyl Ethyl Ketone (2-Butanone)</b>              | <b>2.9</b>  |           | 1.5  | 0.21 | ug/m3 |   |          | 12/19/20 02:44 | 1       |
| cis-1,2-Dichloroethene                               | 0.20        | U         | 0.20 | 0.18 | ug/m3 |   |          | 12/19/20 02:44 | 1       |
| <b>Chloroform</b>                                    | <b>0.25</b> | <b>J</b>  | 0.98 | 0.16 | ug/m3 |   |          | 12/19/20 02:44 | 1       |
| Tetrahydrofuran                                      | 15          | U         | 15   | 0.19 | ug/m3 |   |          | 12/19/20 02:44 | 1       |
| 1,1,1-Trichloroethane                                | 1.1         | U         | 1.1  | 0.20 | ug/m3 |   |          | 12/19/20 02:44 | 1       |
| <b>Cyclohexane</b>                                   | <b>5.2</b>  |           | 0.69 | 0.16 | ug/m3 |   |          | 12/19/20 02:44 | 1       |
| Carbon tetrachloride                                 | 0.22        | U         | 0.22 | 0.15 | ug/m3 |   |          | 12/19/20 02:44 | 1       |
| 2,2,4-Trimethylpentane                               | 0.93        | U         | 0.93 | 0.19 | ug/m3 |   |          | 12/19/20 02:44 | 1       |
| <b>Benzene</b>                                       | <b>2.7</b>  |           | 0.64 | 0.21 | ug/m3 |   |          | 12/19/20 02:44 | 1       |
| 1,2-Dichloroethane                                   | 0.81        | U         | 0.81 | 0.13 | ug/m3 |   |          | 12/19/20 02:44 | 1       |
| <b>n-Heptane</b>                                     | <b>5.9</b>  |           | 0.82 | 0.23 | ug/m3 |   |          | 12/19/20 02:44 | 1       |
| <b>Trichloroethene</b>                               | <b>10</b>   |           | 0.20 | 0.19 | ug/m3 |   |          | 12/19/20 02:44 | 1       |
| Methyl methacrylate                                  | 2.0         | U         | 2.0  | 0.14 | ug/m3 |   |          | 12/19/20 02:44 | 1       |
| 1,2-Dichloropropane                                  | 0.92        | U         | 0.92 | 0.15 | ug/m3 |   |          | 12/19/20 02:44 | 1       |
| 1,4-Dioxane                                          | 18          | U         | 18   | 0.30 | ug/m3 |   |          | 12/19/20 02:44 | 1       |
| Bromodichloromethane                                 | 1.3         | U         | 1.3  | 0.23 | ug/m3 |   |          | 12/19/20 02:44 | 1       |
| cis-1,3-Dichloropropene                              | 0.91        | U         | 0.91 | 0.15 | ug/m3 |   |          | 12/19/20 02:44 | 1       |
| <b>4-Methyl-2-pentanone (Methyl isobutyl ketone)</b> | <b>1.1</b>  | <b>J</b>  | 2.0  | 0.15 | ug/m3 |   |          | 12/19/20 02:44 | 1       |
| <b>Toluene</b>                                       | <b>3.7</b>  |           | 0.75 | 0.41 | ug/m3 |   |          | 12/19/20 02:44 | 1       |
| trans-1,3-Dichloropropene                            | 0.91        | U         | 0.91 | 0.18 | ug/m3 |   |          | 12/19/20 02:44 | 1       |
| 1,1,2-Trichloroethane                                | 1.1         | U         | 1.1  | 0.20 | ug/m3 |   |          | 12/19/20 02:44 | 1       |
| <b>Tetrachloroethene</b>                             | <b>1.9</b>  |           | 1.4  | 0.22 | ug/m3 |   |          | 12/19/20 02:44 | 1       |
| <b>Methyl Butyl Ketone (2-Hexanone)</b>              | <b>0.51</b> | <b>J</b>  | 2.0  | 0.20 | ug/m3 |   |          | 12/19/20 02:44 | 1       |
| Dibromochloromethane                                 | 1.7         | U         | 1.7  | 0.31 | ug/m3 |   |          | 12/19/20 02:44 | 1       |
| 1,2-Dibromoethane                                    | 1.5         | U         | 1.5  | 0.38 | ug/m3 |   |          | 12/19/20 02:44 | 1       |
| Chlorobenzene                                        | 0.92        | U         | 0.92 | 0.26 | ug/m3 |   |          | 12/19/20 02:44 | 1       |
| <b>Ethylbenzene</b>                                  | <b>0.67</b> | <b>J</b>  | 0.87 | 0.27 | ug/m3 |   |          | 12/19/20 02:44 | 1       |
| <b>m,p-Xylene</b>                                    | <b>3.1</b>  |           | 2.2  | 0.43 | ug/m3 |   |          | 12/19/20 02:44 | 1       |
| <b>o-Xylene</b>                                      | <b>1.3</b>  |           | 0.87 | 0.21 | ug/m3 |   |          | 12/19/20 02:44 | 1       |
| Styrene                                              | 0.85        | U         | 0.85 | 0.17 | ug/m3 |   |          | 12/19/20 02:44 | 1       |
| Bromoform                                            | 2.1         | U         | 2.1  | 0.50 | ug/m3 |   |          | 12/19/20 02:44 | 1       |
| Cumene                                               | 0.98        | U         | 0.98 | 0.17 | ug/m3 |   |          | 12/19/20 02:44 | 1       |
| 1,1,2,2-Tetrachloroethane                            | 1.4         | U         | 1.4  | 0.29 | ug/m3 |   |          | 12/19/20 02:44 | 1       |
| n-Propylbenzene                                      | 0.98        | U         | 0.98 | 0.19 | ug/m3 |   |          | 12/19/20 02:44 | 1       |
| 4-Ethyltoluene                                       | 0.98        | U         | 0.98 | 0.20 | ug/m3 |   |          | 12/19/20 02:44 | 1       |
| 1,3,5-Trimethylbenzene                               | 0.98        | U         | 0.98 | 0.19 | ug/m3 |   |          | 12/19/20 02:44 | 1       |
| 2-Chlorotoluene                                      | 1.0         | U         | 1.0  | 0.22 | ug/m3 |   |          | 12/19/20 02:44 | 1       |
| tert-Butylbenzene                                    | 1.1         | U         | 1.1  | 0.19 | ug/m3 |   |          | 12/19/20 02:44 | 1       |
| <b>1,2,4-Trimethylbenzene</b>                        | <b>0.87</b> | <b>J</b>  | 0.98 | 0.22 | ug/m3 |   |          | 12/19/20 02:44 | 1       |

# Client Sample Results

Client: Stantec Consulting Services Inc  
Project/Site: Easton Cooper Industries

Job ID: 200-56451-1  
SDG: 200-56451-1

**Client Sample ID: SG-204**

**Lab Sample ID: 200-56451-4**

**Date Collected: 12/09/20 14:52**

**Matrix: Air**

**Date Received: 12/10/20 10:35**

**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 |
|-----------------------------------------|--------------|-----------|-------|-------|---------|---|----------|----------------|---------|
| sec-Butylbenzene                        | 1.1          | U         | 1.1   | 0.19  | ug/m3   |   |          | 12/19/20 02:44 | 1       |
| <b>4-Isopropyltoluene</b>               | <b>0.87</b>  | <b>J</b>  | 1.1   | 0.21  | ug/m3   |   |          | 12/19/20 02:44 | 1       |
| 1,3-Dichlorobenzene                     | 1.2          | U         | 1.2   | 0.66  | ug/m3   |   |          | 12/19/20 02:44 | 1       |
| 1,4-Dichlorobenzene                     | 1.2          | U         | 1.2   | 0.72  | ug/m3   |   |          | 12/19/20 02:44 | 1       |
| Benzyl chloride                         | 1.0          | U         | 1.0   | 0.44  | ug/m3   |   |          | 12/19/20 02:44 | 1       |
| n-Butylbenzene                          | 1.1          | U         | 1.1   | 0.21  | ug/m3   |   |          | 12/19/20 02:44 | 1       |
| 1,2-Dichlorobenzene                     | 1.2          | U         | 1.2   | 0.58  | ug/m3   |   |          | 12/19/20 02:44 | 1       |
| 1,2,4-Trichlorobenzene                  | 3.7          | U         | 3.7   | 1.6   | ug/m3   |   |          | 12/19/20 02:44 | 1       |
| Hexachlorobutadiene                     | 2.1          | U         | 2.1   | 0.81  | ug/m3   |   |          | 12/19/20 02:44 | 1       |
| Naphthalene                             | 2.6          | U         | 2.6   | 0.89  | ug/m3   |   |          | 12/19/20 02:44 | 1       |
| Analyte                                 | Result       | Qualifier | RL    | MDL   | Unit    | D | Prepared | Analyzed       | Dil Fac |
| <b>Dichlorodifluoromethane</b>          | <b>0.36</b>  | <b>J</b>  | 0.50  | 0.11  | ppb v/v |   |          | 12/19/20 02:44 | 1       |
| Chlorodifluoromethane                   | 0.50         | U         | 0.50  | 0.12  | ppb v/v |   |          | 12/19/20 02:44 | 1       |
| 1,2-Dichlorotetrafluoroethane           | 0.20         | U         | 0.20  | 0.035 | ppb v/v |   |          | 12/19/20 02:44 | 1       |
| Chloromethane                           | 0.50         | U         | 0.50  | 0.11  | ppb v/v |   |          | 12/19/20 02:44 | 1       |
| <b>n-Butane</b>                         | <b>6.4</b>   |           | 0.50  | 0.11  | ppb v/v |   |          | 12/19/20 02:44 | 1       |
| Vinyl chloride                          | 0.078        | U         | 0.078 | 0.044 | ppb v/v |   |          | 12/19/20 02:44 | 1       |
| <b>1,3-Butadiene</b>                    | <b>0.37</b>  |           | 0.20  | 0.057 | ppb v/v |   |          | 12/19/20 02:44 | 1       |
| Bromomethane                            | 0.20         | U         | 0.20  | 0.051 | ppb v/v |   |          | 12/19/20 02:44 | 1       |
| Chloroethane                            | 0.50         | U         | 0.50  | 0.054 | ppb v/v |   |          | 12/19/20 02:44 | 1       |
| Bromoethene(Vinyl Bromide)              | 0.20         | U         | 0.20  | 0.052 | ppb v/v |   |          | 12/19/20 02:44 | 1       |
| <b>Trichlorofluoromethane</b>           | <b>0.23</b>  |           | 0.20  | 0.060 | ppb v/v |   |          | 12/19/20 02:44 | 1       |
| <b>1,1,2-Trichlorotrifluoroethane</b>   | <b>0.061</b> | <b>J</b>  | 0.20  | 0.038 | ppb v/v |   |          | 12/19/20 02:44 | 1       |
| 1,1-Dichloroethene                      | 0.050        | U         | 0.050 | 0.039 | ppb v/v |   |          | 12/19/20 02:44 | 1       |
| <b>Acetone</b>                          | <b>4.8</b>   | <b>J</b>  | 5.0   | 1.2   | ppb v/v |   |          | 12/19/20 02:44 | 1       |
| Isopropyl alcohol                       | 5.0          | U         | 5.0   | 0.48  | ppb v/v |   |          | 12/19/20 02:44 | 1       |
| <b>Carbon disulfide</b>                 | <b>1.4</b>   |           | 0.50  | 0.074 | ppb v/v |   |          | 12/19/20 02:44 | 1       |
| 3-Chloropropene                         | 0.50         | U         | 0.50  | 0.064 | ppb v/v |   |          | 12/19/20 02:44 | 1       |
| Methylene Chloride                      | 0.50         | U         | 0.50  | 0.27  | ppb v/v |   |          | 12/19/20 02:44 | 1       |
| <b>tert-Butyl alcohol</b>               | <b>0.18</b>  | <b>J</b>  | 5.0   | 0.038 | ppb v/v |   |          | 12/19/20 02:44 | 1       |
| Methyl tert-butyl ether                 | 0.20         | U         | 0.20  | 0.033 | ppb v/v |   |          | 12/19/20 02:44 | 1       |
| trans-1,2-Dichloroethene                | 0.20         | U         | 0.20  | 0.042 | ppb v/v |   |          | 12/19/20 02:44 | 1       |
| <b>n-Hexane</b>                         | <b>1.8</b>   |           | 0.20  | 0.20  | ppb v/v |   |          | 12/19/20 02:44 | 1       |
| 1,1-Dichloroethane                      | 0.20         | U         | 0.20  | 0.041 | ppb v/v |   |          | 12/19/20 02:44 | 1       |
| <b>Methyl Ethyl Ketone (2-Butanone)</b> | <b>0.99</b>  |           | 0.50  | 0.072 | ppb v/v |   |          | 12/19/20 02:44 | 1       |
| cis-1,2-Dichloroethene                  | 0.050        | U         | 0.050 | 0.045 | ppb v/v |   |          | 12/19/20 02:44 | 1       |
| <b>Chloroform</b>                       | <b>0.051</b> | <b>J</b>  | 0.20  | 0.032 | ppb v/v |   |          | 12/19/20 02:44 | 1       |
| Tetrahydrofuran                         | 5.0          | U         | 5.0   | 0.066 | ppb v/v |   |          | 12/19/20 02:44 | 1       |
| 1,1,1-Trichloroethane                   | 0.20         | U         | 0.20  | 0.036 | ppb v/v |   |          | 12/19/20 02:44 | 1       |
| <b>Cyclohexane</b>                      | <b>1.5</b>   |           | 0.20  | 0.046 | ppb v/v |   |          | 12/19/20 02:44 | 1       |
| Carbon tetrachloride                    | 0.035        | U         | 0.035 | 0.024 | ppb v/v |   |          | 12/19/20 02:44 | 1       |
| 2,2,4-Trimethylpentane                  | 0.20         | U         | 0.20  | 0.041 | ppb v/v |   |          | 12/19/20 02:44 | 1       |
| <b>Benzene</b>                          | <b>0.84</b>  |           | 0.20  | 0.067 | ppb v/v |   |          | 12/19/20 02:44 | 1       |
| 1,2-Dichloroethane                      | 0.20         | U         | 0.20  | 0.032 | ppb v/v |   |          | 12/19/20 02:44 | 1       |
| <b>n-Heptane</b>                        | <b>1.4</b>   |           | 0.20  | 0.056 | ppb v/v |   |          | 12/19/20 02:44 | 1       |
| <b>Trichloroethene</b>                  | <b>1.9</b>   |           | 0.037 | 0.035 | ppb v/v |   |          | 12/19/20 02:44 | 1       |
| Methyl methacrylate                     | 0.50         | U         | 0.50  | 0.033 | ppb v/v |   |          | 12/19/20 02:44 | 1       |
| 1,2-Dichloropropane                     | 0.20         | U         | 0.20  | 0.033 | ppb v/v |   |          | 12/19/20 02:44 | 1       |

# Client Sample Results

Client: Stantec Consulting Services Inc  
Project/Site: Easton Cooper Industries

Job ID: 200-56451-1  
SDG: 200-56451-1

**Client Sample ID: SG-204**

**Lab Sample ID: 200-56451-4**

**Date Collected: 12/09/20 14:52**

**Matrix: Air**

**Date Received: 12/10/20 10:35**

**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 |
|------------------------------------------------------|-------------|-----------|------|-------|---------|---|----------|----------------|---------|
| 1,4-Dioxane                                          | 5.0         | U         | 5.0  | 0.084 | ppb v/v |   |          | 12/19/20 02:44 | 1       |
| Bromodichloromethane                                 | 0.20        | U         | 0.20 | 0.035 | ppb v/v |   |          | 12/19/20 02:44 | 1       |
| cis-1,3-Dichloropropene                              | 0.20        | U         | 0.20 | 0.032 | ppb v/v |   |          | 12/19/20 02:44 | 1       |
| <b>4-Methyl-2-pentanone (Methyl isobutyl ketone)</b> | <b>0.28</b> | <b>J</b>  | 0.50 | 0.036 | ppb v/v |   |          | 12/19/20 02:44 | 1       |
| <b>Toluene</b>                                       | <b>0.97</b> |           | 0.20 | 0.11  | ppb v/v |   |          | 12/19/20 02:44 | 1       |
| trans-1,3-Dichloropropene                            | 0.20        | U         | 0.20 | 0.039 | ppb v/v |   |          | 12/19/20 02:44 | 1       |
| 1,1,2-Trichloroethane                                | 0.20        | U         | 0.20 | 0.036 | ppb v/v |   |          | 12/19/20 02:44 | 1       |
| <b>Tetrachloroethene</b>                             | <b>0.28</b> |           | 0.20 | 0.033 | ppb v/v |   |          | 12/19/20 02:44 | 1       |
| <b>Methyl Butyl Ketone (2-Hexanone)</b>              | <b>0.12</b> | <b>J</b>  | 0.50 | 0.048 | ppb v/v |   |          | 12/19/20 02:44 | 1       |
| Dibromochloromethane                                 | 0.20        | U         | 0.20 | 0.036 | ppb v/v |   |          | 12/19/20 02:44 | 1       |
| 1,2-Dibromoethane                                    | 0.20        | U         | 0.20 | 0.049 | ppb v/v |   |          | 12/19/20 02:44 | 1       |
| Chlorobenzene                                        | 0.20        | U         | 0.20 | 0.056 | ppb v/v |   |          | 12/19/20 02:44 | 1       |
| <b>Ethylbenzene</b>                                  | <b>0.16</b> | <b>J</b>  | 0.20 | 0.063 | ppb v/v |   |          | 12/19/20 02:44 | 1       |
| <b>m,p-Xylene</b>                                    | <b>0.72</b> |           | 0.50 | 0.10  | ppb v/v |   |          | 12/19/20 02:44 | 1       |
| <b>o-Xylene</b>                                      | <b>0.31</b> |           | 0.20 | 0.048 | ppb v/v |   |          | 12/19/20 02:44 | 1       |
| Styrene                                              | 0.20        | U         | 0.20 | 0.040 | ppb v/v |   |          | 12/19/20 02:44 | 1       |
| Bromoform                                            | 0.20        | U         | 0.20 | 0.048 | ppb v/v |   |          | 12/19/20 02:44 | 1       |
| Cumene                                               | 0.20        | U         | 0.20 | 0.035 | ppb v/v |   |          | 12/19/20 02:44 | 1       |
| 1,1,2,2-Tetrachloroethane                            | 0.20        | U         | 0.20 | 0.042 | ppb v/v |   |          | 12/19/20 02:44 | 1       |
| n-Propylbenzene                                      | 0.20        | U         | 0.20 | 0.039 | ppb v/v |   |          | 12/19/20 02:44 | 1       |
| 4-Ethyltoluene                                       | 0.20        | U         | 0.20 | 0.041 | ppb v/v |   |          | 12/19/20 02:44 | 1       |
| 1,3,5-Trimethylbenzene                               | 0.20        | U         | 0.20 | 0.039 | ppb v/v |   |          | 12/19/20 02:44 | 1       |
| 2-Chlorotoluene                                      | 0.20        | U         | 0.20 | 0.042 | ppb v/v |   |          | 12/19/20 02:44 | 1       |
| tert-Butylbenzene                                    | 0.20        | U         | 0.20 | 0.035 | ppb v/v |   |          | 12/19/20 02:44 | 1       |
| <b>1,2,4-Trimethylbenzene</b>                        | <b>0.18</b> | <b>J</b>  | 0.20 | 0.044 | ppb v/v |   |          | 12/19/20 02:44 | 1       |
| sec-Butylbenzene                                     | 0.20        | U         | 0.20 | 0.035 | ppb v/v |   |          | 12/19/20 02:44 | 1       |
| <b>4-Isopropyltoluene</b>                            | <b>0.16</b> | <b>J</b>  | 0.20 | 0.039 | ppb v/v |   |          | 12/19/20 02:44 | 1       |
| 1,3-Dichlorobenzene                                  | 0.20        | U         | 0.20 | 0.11  | ppb v/v |   |          | 12/19/20 02:44 | 1       |
| 1,4-Dichlorobenzene                                  | 0.20        | U         | 0.20 | 0.12  | ppb v/v |   |          | 12/19/20 02:44 | 1       |
| Benzyl chloride                                      | 0.20        | U         | 0.20 | 0.085 | ppb v/v |   |          | 12/19/20 02:44 | 1       |
| n-Butylbenzene                                       | 0.20        | U         | 0.20 | 0.039 | ppb v/v |   |          | 12/19/20 02:44 | 1       |
| 1,2-Dichlorobenzene                                  | 0.20        | U         | 0.20 | 0.097 | ppb v/v |   |          | 12/19/20 02:44 | 1       |
| 1,2,4-Trichlorobenzene                               | 0.50        | U         | 0.50 | 0.22  | ppb v/v |   |          | 12/19/20 02:44 | 1       |
| Hexachlorobutadiene                                  | 0.20        | U         | 0.20 | 0.076 | ppb v/v |   |          | 12/19/20 02:44 | 1       |
| Naphthalene                                          | 0.50        | U         | 0.50 | 0.17  | ppb v/v |   |          | 12/19/20 02:44 | 1       |

**Client Sample ID: SG-205**

**Lab Sample ID: 200-56451-5**

**Date Collected: 12/09/20 14:53**

**Matrix: Air**

**Date Received: 12/10/20 10:35**

**Sample Container: Summa Canister 6L**

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

| Analyte                        | Result      | Qualifier | RL  | MDL  | Unit  | D | Prepared | Analyzed       | Dil Fac |
|--------------------------------|-------------|-----------|-----|------|-------|---|----------|----------------|---------|
| <b>Dichlorodifluoromethane</b> | <b>1.7</b>  | <b>J</b>  | 2.5 | 0.54 | ug/m3 |   |          | 12/19/20 03:40 | 1       |
| Chlorodifluoromethane          | 1.8         | U         | 1.8 | 0.42 | ug/m3 |   |          | 12/19/20 03:40 | 1       |
| 1,2-Dichlorotetrafluoroethane  | 1.4         | U         | 1.4 | 0.24 | ug/m3 |   |          | 12/19/20 03:40 | 1       |
| <b>Chloromethane</b>           | <b>0.77</b> | <b>J</b>  | 1.0 | 0.23 | ug/m3 |   |          | 12/19/20 03:40 | 1       |
| <b>n-Butane</b>                | <b>110</b>  | <b>E</b>  | 1.2 | 0.26 | ug/m3 |   |          | 12/19/20 03:40 | 1       |

Eurofins TestAmerica, Burlington

# Client Sample Results

Client: Stantec Consulting Services Inc  
Project/Site: Easton Cooper Industries

Job ID: 200-56451-1  
SDG: 200-56451-1

**Client Sample ID: SG-205**

**Lab Sample ID: 200-56451-5**

**Date Collected: 12/09/20 14:53**

**Matrix: Air**

**Date Received: 12/10/20 10:35**

**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 |
|------------------------------------------------------|-------------|-----------|------|------|-------|---|----------|----------------|---------|
| Vinyl chloride                                       | 0.20        | U         | 0.20 | 0.11 | ug/m3 |   |          | 12/19/20 03:40 | 1       |
| <b>1,3-Butadiene</b>                                 | <b>17</b>   |           | 0.44 | 0.13 | ug/m3 |   |          | 12/19/20 03:40 | 1       |
| Bromomethane                                         | 0.78        | U         | 0.78 | 0.20 | ug/m3 |   |          | 12/19/20 03:40 | 1       |
| <b>Chloroethane</b>                                  | <b>0.21</b> | <b>J</b>  | 1.3  | 0.14 | ug/m3 |   |          | 12/19/20 03:40 | 1       |
| Bromoethene(Vinyl Bromide)                           | 0.87        | U         | 0.87 | 0.23 | ug/m3 |   |          | 12/19/20 03:40 | 1       |
| <b>Trichlorofluoromethane</b>                        | <b>1.1</b>  |           | 1.1  | 0.34 | ug/m3 |   |          | 12/19/20 03:40 | 1       |
| <b>1,1,2-Trichlorotrifluoroethane</b>                | <b>1.0</b>  | <b>J</b>  | 1.5  | 0.29 | ug/m3 |   |          | 12/19/20 03:40 | 1       |
| 1,1-Dichloroethene                                   | 0.20        | U         | 0.20 | 0.15 | ug/m3 |   |          | 12/19/20 03:40 | 1       |
| <b>Acetone</b>                                       | <b>24</b>   |           | 12   | 2.9  | ug/m3 |   |          | 12/19/20 03:40 | 1       |
| Isopropyl alcohol                                    | 12          | U         | 12   | 1.2  | ug/m3 |   |          | 12/19/20 03:40 | 1       |
| <b>Carbon disulfide</b>                              | <b>12</b>   |           | 1.6  | 0.23 | ug/m3 |   |          | 12/19/20 03:40 | 1       |
| 3-Chloropropene                                      | 1.6         | U         | 1.6  | 0.20 | ug/m3 |   |          | 12/19/20 03:40 | 1       |
| <b>Methylene Chloride</b>                            | <b>1.4</b>  | <b>J</b>  | 1.7  | 0.94 | ug/m3 |   |          | 12/19/20 03:40 | 1       |
| <b>tert-Butyl alcohol</b>                            | <b>0.41</b> | <b>J</b>  | 15   | 0.12 | ug/m3 |   |          | 12/19/20 03:40 | 1       |
| Methyl tert-butyl ether                              | 0.72        | U         | 0.72 | 0.12 | ug/m3 |   |          | 12/19/20 03:40 | 1       |
| trans-1,2-Dichloroethene                             | 0.79        | U         | 0.79 | 0.17 | ug/m3 |   |          | 12/19/20 03:40 | 1       |
| <b>n-Hexane</b>                                      | <b>34</b>   |           | 0.70 | 0.70 | ug/m3 |   |          | 12/19/20 03:40 | 1       |
| 1,1-Dichloroethane                                   | 0.81        | U         | 0.81 | 0.17 | ug/m3 |   |          | 12/19/20 03:40 | 1       |
| <b>Methyl Ethyl Ketone (2-Butanone)</b>              | <b>6.5</b>  |           | 1.5  | 0.21 | ug/m3 |   |          | 12/19/20 03:40 | 1       |
| cis-1,2-Dichloroethene                               | 0.20        | U         | 0.20 | 0.18 | ug/m3 |   |          | 12/19/20 03:40 | 1       |
| <b>Chloroform</b>                                    | <b>0.46</b> | <b>J</b>  | 0.98 | 0.16 | ug/m3 |   |          | 12/19/20 03:40 | 1       |
| Tetrahydrofuran                                      | 15          | U         | 15   | 0.19 | ug/m3 |   |          | 12/19/20 03:40 | 1       |
| <b>1,1,1-Trichloroethane</b>                         | <b>3.4</b>  |           | 1.1  | 0.20 | ug/m3 |   |          | 12/19/20 03:40 | 1       |
| <b>Cyclohexane</b>                                   | <b>13</b>   |           | 0.69 | 0.16 | ug/m3 |   |          | 12/19/20 03:40 | 1       |
| <b>Carbon tetrachloride</b>                          | <b>0.39</b> |           | 0.22 | 0.15 | ug/m3 |   |          | 12/19/20 03:40 | 1       |
| <b>2,2,4-Trimethylpentane</b>                        | <b>15</b>   |           | 0.93 | 0.19 | ug/m3 |   |          | 12/19/20 03:40 | 1       |
| <b>Benzene</b>                                       | <b>19</b>   |           | 0.64 | 0.21 | ug/m3 |   |          | 12/19/20 03:40 | 1       |
| 1,2-Dichloroethane                                   | 0.81        | U         | 0.81 | 0.13 | ug/m3 |   |          | 12/19/20 03:40 | 1       |
| <b>n-Heptane</b>                                     | <b>38</b>   |           | 0.82 | 0.23 | ug/m3 |   |          | 12/19/20 03:40 | 1       |
| <b>Trichloroethene</b>                               | <b>69</b>   |           | 0.20 | 0.19 | ug/m3 |   |          | 12/19/20 03:40 | 1       |
| Methyl methacrylate                                  | 2.0         | U         | 2.0  | 0.14 | ug/m3 |   |          | 12/19/20 03:40 | 1       |
| 1,2-Dichloropropane                                  | 0.92        | U         | 0.92 | 0.15 | ug/m3 |   |          | 12/19/20 03:40 | 1       |
| 1,4-Dioxane                                          | 18          | U         | 18   | 0.30 | ug/m3 |   |          | 12/19/20 03:40 | 1       |
| Bromodichloromethane                                 | 1.3         | U         | 1.3  | 0.23 | ug/m3 |   |          | 12/19/20 03:40 | 1       |
| cis-1,3-Dichloropropene                              | 0.91        | U         | 0.91 | 0.15 | ug/m3 |   |          | 12/19/20 03:40 | 1       |
| <b>4-Methyl-2-pentanone (Methyl isobutyl ketone)</b> | <b>2.6</b>  |           | 2.0  | 0.15 | ug/m3 |   |          | 12/19/20 03:40 | 1       |
| <b>Toluene</b>                                       | <b>88</b>   |           | 0.75 | 0.41 | ug/m3 |   |          | 12/19/20 03:40 | 1       |
| trans-1,3-Dichloropropene                            | 0.91        | U         | 0.91 | 0.18 | ug/m3 |   |          | 12/19/20 03:40 | 1       |
| 1,1,2-Trichloroethane                                | 1.1         | U         | 1.1  | 0.20 | ug/m3 |   |          | 12/19/20 03:40 | 1       |
| <b>Tetrachloroethene</b>                             | <b>1000</b> | <b>E</b>  | 1.4  | 0.22 | ug/m3 |   |          | 12/19/20 03:40 | 1       |
| <b>Methyl Butyl Ketone (2-Hexanone)</b>              | <b>2.3</b>  |           | 2.0  | 0.20 | ug/m3 |   |          | 12/19/20 03:40 | 1       |
| Dibromochloromethane                                 | 1.7         | U         | 1.7  | 0.31 | ug/m3 |   |          | 12/19/20 03:40 | 1       |
| 1,2-Dibromoethane                                    | 1.5         | U         | 1.5  | 0.38 | ug/m3 |   |          | 12/19/20 03:40 | 1       |
| Chlorobenzene                                        | 0.92        | U         | 0.92 | 0.26 | ug/m3 |   |          | 12/19/20 03:40 | 1       |
| <b>Ethylbenzene</b>                                  | <b>23</b>   |           | 0.87 | 0.27 | ug/m3 |   |          | 12/19/20 03:40 | 1       |
| <b>m,p-Xylene</b>                                    | <b>95</b>   |           | 2.2  | 0.43 | ug/m3 |   |          | 12/19/20 03:40 | 1       |
| <b>o-Xylene</b>                                      | <b>29</b>   |           | 0.87 | 0.21 | ug/m3 |   |          | 12/19/20 03:40 | 1       |
| <b>Styrene</b>                                       | <b>0.32</b> | <b>J</b>  | 0.85 | 0.17 | ug/m3 |   |          | 12/19/20 03:40 | 1       |

# Client Sample Results

Client: Stantec Consulting Services Inc  
Project/Site: Easton Cooper Industries

Job ID: 200-56451-1  
SDG: 200-56451-1

**Client Sample ID: SG-205**

**Lab Sample ID: 200-56451-5**

**Date Collected: 12/09/20 14:53**

**Matrix: Air**

**Date Received: 12/10/20 10:35**

**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 |
|-----------------------------------------|----------------|-----------|-------|-------|---------|---|----------|----------------|---------|
| Bromoform                               | 2.1            | U         | 2.1   | 0.50  | ug/m3   |   |          | 12/19/20 03:40 | 1       |
| <b>Cumene</b>                           | <b>3.1</b>     |           | 0.98  | 0.17  | ug/m3   |   |          | 12/19/20 03:40 | 1       |
| 1,1,2,2-Tetrachloroethane               | 1.4            | U         | 1.4   | 0.29  | ug/m3   |   |          | 12/19/20 03:40 | 1       |
| <b>n-Propylbenzene</b>                  | <b>5.6</b>     |           | 0.98  | 0.19  | ug/m3   |   |          | 12/19/20 03:40 | 1       |
| <b>4-Ethyltoluene</b>                   | <b>6.8</b>     |           | 0.98  | 0.20  | ug/m3   |   |          | 12/19/20 03:40 | 1       |
| <b>1,3,5-Trimethylbenzene</b>           | <b>10</b>      |           | 0.98  | 0.19  | ug/m3   |   |          | 12/19/20 03:40 | 1       |
| 2-Chlorotoluene                         | 1.0            | U         | 1.0   | 0.22  | ug/m3   |   |          | 12/19/20 03:40 | 1       |
| tert-Butylbenzene                       | 1.1            | U         | 1.1   | 0.19  | ug/m3   |   |          | 12/19/20 03:40 | 1       |
| <b>1,2,4-Trimethylbenzene</b>           | <b>21</b>      |           | 0.98  | 0.22  | ug/m3   |   |          | 12/19/20 03:40 | 1       |
| <b>sec-Butylbenzene</b>                 | <b>0.98 J</b>  |           | 1.1   | 0.19  | ug/m3   |   |          | 12/19/20 03:40 | 1       |
| <b>4-Isopropyltoluene</b>               | <b>0.94 J</b>  |           | 1.1   | 0.21  | ug/m3   |   |          | 12/19/20 03:40 | 1       |
| 1,3-Dichlorobenzene                     | 1.2            | U         | 1.2   | 0.66  | ug/m3   |   |          | 12/19/20 03:40 | 1       |
| 1,4-Dichlorobenzene                     | 1.2            | U         | 1.2   | 0.72  | ug/m3   |   |          | 12/19/20 03:40 | 1       |
| Benzyl chloride                         | 1.0            | U         | 1.0   | 0.44  | ug/m3   |   |          | 12/19/20 03:40 | 1       |
| <b>n-Butylbenzene</b>                   | <b>0.99 J</b>  |           | 1.1   | 0.21  | ug/m3   |   |          | 12/19/20 03:40 | 1       |
| 1,2-Dichlorobenzene                     | 1.2            | U         | 1.2   | 0.58  | ug/m3   |   |          | 12/19/20 03:40 | 1       |
| 1,2,4-Trichlorobenzene                  | 3.7            | U         | 3.7   | 1.6   | ug/m3   |   |          | 12/19/20 03:40 | 1       |
| Hexachlorobutadiene                     | 2.1            | U         | 2.1   | 0.81  | ug/m3   |   |          | 12/19/20 03:40 | 1       |
| Naphthalene                             | 2.6            | U         | 2.6   | 0.89  | ug/m3   |   |          | 12/19/20 03:40 | 1       |
| Analyte                                 | Result         | Qualifier | RL    | MDL   | Unit    | D | Prepared | Analyzed       | Dil Fac |
| <b>Dichlorodifluoromethane</b>          | <b>0.35 J</b>  |           | 0.50  | 0.11  | ppb v/v |   |          | 12/19/20 03:40 | 1       |
| Chlorodifluoromethane                   | 0.50           | U         | 0.50  | 0.12  | ppb v/v |   |          | 12/19/20 03:40 | 1       |
| 1,2-Dichlorotetrafluoroethane           | 0.20           | U         | 0.20  | 0.035 | ppb v/v |   |          | 12/19/20 03:40 | 1       |
| <b>Chloromethane</b>                    | <b>0.37 J</b>  |           | 0.50  | 0.11  | ppb v/v |   |          | 12/19/20 03:40 | 1       |
| <b>n-Butane</b>                         | <b>45 E</b>    |           | 0.50  | 0.11  | ppb v/v |   |          | 12/19/20 03:40 | 1       |
| Vinyl chloride                          | 0.078          | U         | 0.078 | 0.044 | ppb v/v |   |          | 12/19/20 03:40 | 1       |
| <b>1,3-Butadiene</b>                    | <b>7.7</b>     |           | 0.20  | 0.057 | ppb v/v |   |          | 12/19/20 03:40 | 1       |
| Bromomethane                            | 0.20           | U         | 0.20  | 0.051 | ppb v/v |   |          | 12/19/20 03:40 | 1       |
| <b>Chloroethane</b>                     | <b>0.079 J</b> |           | 0.50  | 0.054 | ppb v/v |   |          | 12/19/20 03:40 | 1       |
| Bromoethene(Vinyl Bromide)              | 0.20           | U         | 0.20  | 0.052 | ppb v/v |   |          | 12/19/20 03:40 | 1       |
| <b>Trichlorofluoromethane</b>           | <b>0.20</b>    |           | 0.20  | 0.060 | ppb v/v |   |          | 12/19/20 03:40 | 1       |
| <b>1,1,2-Trichlorotrifluoroethane</b>   | <b>0.13 J</b>  |           | 0.20  | 0.038 | ppb v/v |   |          | 12/19/20 03:40 | 1       |
| 1,1-Dichloroethene                      | 0.050          | U         | 0.050 | 0.039 | ppb v/v |   |          | 12/19/20 03:40 | 1       |
| <b>Acetone</b>                          | <b>9.9</b>     |           | 5.0   | 1.2   | ppb v/v |   |          | 12/19/20 03:40 | 1       |
| Isopropyl alcohol                       | 5.0            | U         | 5.0   | 0.48  | ppb v/v |   |          | 12/19/20 03:40 | 1       |
| <b>Carbon disulfide</b>                 | <b>3.7</b>     |           | 0.50  | 0.074 | ppb v/v |   |          | 12/19/20 03:40 | 1       |
| 3-Chloropropene                         | 0.50           | U         | 0.50  | 0.064 | ppb v/v |   |          | 12/19/20 03:40 | 1       |
| <b>Methylene Chloride</b>               | <b>0.41 J</b>  |           | 0.50  | 0.27  | ppb v/v |   |          | 12/19/20 03:40 | 1       |
| <b>tert-Butyl alcohol</b>               | <b>0.14 J</b>  |           | 5.0   | 0.038 | ppb v/v |   |          | 12/19/20 03:40 | 1       |
| Methyl tert-butyl ether                 | 0.20           | U         | 0.20  | 0.033 | ppb v/v |   |          | 12/19/20 03:40 | 1       |
| trans-1,2-Dichloroethene                | 0.20           | U         | 0.20  | 0.042 | ppb v/v |   |          | 12/19/20 03:40 | 1       |
| <b>n-Hexane</b>                         | <b>9.7</b>     |           | 0.20  | 0.20  | ppb v/v |   |          | 12/19/20 03:40 | 1       |
| 1,1-Dichloroethane                      | 0.20           | U         | 0.20  | 0.041 | ppb v/v |   |          | 12/19/20 03:40 | 1       |
| <b>Methyl Ethyl Ketone (2-Butanone)</b> | <b>2.2</b>     |           | 0.50  | 0.072 | ppb v/v |   |          | 12/19/20 03:40 | 1       |
| cis-1,2-Dichloroethene                  | 0.050          | U         | 0.050 | 0.045 | ppb v/v |   |          | 12/19/20 03:40 | 1       |
| <b>Chloroform</b>                       | <b>0.095 J</b> |           | 0.20  | 0.032 | ppb v/v |   |          | 12/19/20 03:40 | 1       |
| Tetrahydrofuran                         | 5.0            | U         | 5.0   | 0.066 | ppb v/v |   |          | 12/19/20 03:40 | 1       |
| <b>1,1,1-Trichloroethane</b>            | <b>0.62</b>    |           | 0.20  | 0.036 | ppb v/v |   |          | 12/19/20 03:40 | 1       |

Eurofins TestAmerica, Burlington



# Client Sample Results

Client: Stantec Consulting Services Inc  
Project/Site: Easton Cooper Industries

Job ID: 200-56451-1  
SDG: 200-56451-1

**Client Sample ID: SG-205**

**Lab Sample ID: 200-56451-5**

**Date Collected: 12/09/20 14:53**

**Matrix: Air**

**Date Received: 12/10/20 10:35**

**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 |
|-----------------------------------------------|--------|-----------|-------|-------|---------|---|----------|----------------|---------|
| Cyclohexane                                   | 3.8    |           | 0.20  | 0.046 | ppb v/v |   |          | 12/19/20 03:40 | 1       |
| Carbon tetrachloride                          | 0.062  |           | 0.035 | 0.024 | ppb v/v |   |          | 12/19/20 03:40 | 1       |
| 2,2,4-Trimethylpentane                        | 3.2    |           | 0.20  | 0.041 | ppb v/v |   |          | 12/19/20 03:40 | 1       |
| Benzene                                       | 5.9    |           | 0.20  | 0.067 | ppb v/v |   |          | 12/19/20 03:40 | 1       |
| 1,2-Dichloroethane                            | 0.20   | U         | 0.20  | 0.032 | ppb v/v |   |          | 12/19/20 03:40 | 1       |
| n-Heptane                                     | 9.2    |           | 0.20  | 0.056 | ppb v/v |   |          | 12/19/20 03:40 | 1       |
| Trichloroethene                               | 13     |           | 0.037 | 0.035 | ppb v/v |   |          | 12/19/20 03:40 | 1       |
| Methyl methacrylate                           | 0.50   | U         | 0.50  | 0.033 | ppb v/v |   |          | 12/19/20 03:40 | 1       |
| 1,2-Dichloropropane                           | 0.20   | U         | 0.20  | 0.033 | ppb v/v |   |          | 12/19/20 03:40 | 1       |
| 1,4-Dioxane                                   | 5.0    | U         | 5.0   | 0.084 | ppb v/v |   |          | 12/19/20 03:40 | 1       |
| Bromodichloromethane                          | 0.20   | U         | 0.20  | 0.035 | ppb v/v |   |          | 12/19/20 03:40 | 1       |
| cis-1,3-Dichloropropene                       | 0.20   | U         | 0.20  | 0.032 | ppb v/v |   |          | 12/19/20 03:40 | 1       |
| 4-Methyl-2-pentanone (Methyl isobutyl ketone) | 0.63   |           | 0.50  | 0.036 | ppb v/v |   |          | 12/19/20 03:40 | 1       |
| Toluene                                       | 23     |           | 0.20  | 0.11  | ppb v/v |   |          | 12/19/20 03:40 | 1       |
| trans-1,3-Dichloropropene                     | 0.20   | U         | 0.20  | 0.039 | ppb v/v |   |          | 12/19/20 03:40 | 1       |
| 1,1,2-Trichloroethane                         | 0.20   | U         | 0.20  | 0.036 | ppb v/v |   |          | 12/19/20 03:40 | 1       |
| Tetrachloroethene                             | 150    | E         | 0.20  | 0.033 | ppb v/v |   |          | 12/19/20 03:40 | 1       |
| Methyl Butyl Ketone (2-Hexanone)              | 0.57   |           | 0.50  | 0.048 | ppb v/v |   |          | 12/19/20 03:40 | 1       |
| Dibromochloromethane                          | 0.20   | U         | 0.20  | 0.036 | ppb v/v |   |          | 12/19/20 03:40 | 1       |
| 1,2-Dibromoethane                             | 0.20   | U         | 0.20  | 0.049 | ppb v/v |   |          | 12/19/20 03:40 | 1       |
| Chlorobenzene                                 | 0.20   | U         | 0.20  | 0.056 | ppb v/v |   |          | 12/19/20 03:40 | 1       |
| Ethylbenzene                                  | 5.4    |           | 0.20  | 0.063 | ppb v/v |   |          | 12/19/20 03:40 | 1       |
| m,p-Xylene                                    | 22     |           | 0.50  | 0.10  | ppb v/v |   |          | 12/19/20 03:40 | 1       |
| o-Xylene                                      | 6.7    |           | 0.20  | 0.048 | ppb v/v |   |          | 12/19/20 03:40 | 1       |
| Styrene                                       | 0.075  | J         | 0.20  | 0.040 | ppb v/v |   |          | 12/19/20 03:40 | 1       |
| Bromoform                                     | 0.20   | U         | 0.20  | 0.048 | ppb v/v |   |          | 12/19/20 03:40 | 1       |
| Cumene                                        | 0.63   |           | 0.20  | 0.035 | ppb v/v |   |          | 12/19/20 03:40 | 1       |
| 1,1,2,2-Tetrachloroethane                     | 0.20   | U         | 0.20  | 0.042 | ppb v/v |   |          | 12/19/20 03:40 | 1       |
| n-Propylbenzene                               | 1.1    |           | 0.20  | 0.039 | ppb v/v |   |          | 12/19/20 03:40 | 1       |
| 4-Ethyltoluene                                | 1.4    |           | 0.20  | 0.041 | ppb v/v |   |          | 12/19/20 03:40 | 1       |
| 1,3,5-Trimethylbenzene                        | 2.1    |           | 0.20  | 0.039 | ppb v/v |   |          | 12/19/20 03:40 | 1       |
| 2-Chlorotoluene                               | 0.20   | U         | 0.20  | 0.042 | ppb v/v |   |          | 12/19/20 03:40 | 1       |
| tert-Butylbenzene                             | 0.20   | U         | 0.20  | 0.035 | ppb v/v |   |          | 12/19/20 03:40 | 1       |
| 1,2,4-Trimethylbenzene                        | 4.4    |           | 0.20  | 0.044 | ppb v/v |   |          | 12/19/20 03:40 | 1       |
| sec-Butylbenzene                              | 0.18   | J         | 0.20  | 0.035 | ppb v/v |   |          | 12/19/20 03:40 | 1       |
| 4-Isopropyltoluene                            | 0.17   | J         | 0.20  | 0.039 | ppb v/v |   |          | 12/19/20 03:40 | 1       |
| 1,3-Dichlorobenzene                           | 0.20   | U         | 0.20  | 0.11  | ppb v/v |   |          | 12/19/20 03:40 | 1       |
| 1,4-Dichlorobenzene                           | 0.20   | U         | 0.20  | 0.12  | ppb v/v |   |          | 12/19/20 03:40 | 1       |
| Benzyl chloride                               | 0.20   | U         | 0.20  | 0.085 | ppb v/v |   |          | 12/19/20 03:40 | 1       |
| n-Butylbenzene                                | 0.18   | J         | 0.20  | 0.039 | ppb v/v |   |          | 12/19/20 03:40 | 1       |
| 1,2-Dichlorobenzene                           | 0.20   | U         | 0.20  | 0.097 | ppb v/v |   |          | 12/19/20 03:40 | 1       |
| 1,2,4-Trichlorobenzene                        | 0.50   | U         | 0.50  | 0.22  | ppb v/v |   |          | 12/19/20 03:40 | 1       |
| Hexachlorobutadiene                           | 0.20   | U         | 0.20  | 0.076 | ppb v/v |   |          | 12/19/20 03:40 | 1       |
| Naphthalene                                   | 0.50   | U         | 0.50  | 0.17  | ppb v/v |   |          | 12/19/20 03:40 | 1       |

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

| Analyte                 | Result | Qualifier | RL | MDL | Unit  | D | Prepared | Analyzed       | Dil Fac |
|-------------------------|--------|-----------|----|-----|-------|---|----------|----------------|---------|
| Dichlorodifluoromethane | 38     | U         | 38 | 8.4 | ug/m3 |   |          | 12/19/20 04:33 | 15.4    |

Eurofins TestAmerica, Burlington

# Client Sample Results

Client: Stantec Consulting Services Inc  
Project/Site: Easton Cooper Industries

Job ID: 200-56451-1  
SDG: 200-56451-1

**Client Sample ID: SG-205**

**Lab Sample ID: 200-56451-5**

**Date Collected: 12/09/20 14:53**

**Matrix: Air**

**Date Received: 12/10/20 10:35**

**Sample Container: Summa Canister 6L**

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

| Analyte                                       | Result      | Qualifier  | RL  | MDL | Unit  | D | Prepared | Analyzed       | Dil Fac |
|-----------------------------------------------|-------------|------------|-----|-----|-------|---|----------|----------------|---------|
| Chlorodifluoromethane                         | 27          | U          | 27  | 6.5 | ug/m3 |   |          | 12/19/20 04:33 | 15.4    |
| 1,2-Dichlorotetrafluoroethane                 | 22          | U          | 22  | 3.8 | ug/m3 |   |          | 12/19/20 04:33 | 15.4    |
| Chloromethane                                 | 16          | U          | 16  | 3.5 | ug/m3 |   |          | 12/19/20 04:33 | 15.4    |
| <b>n-Butane</b>                               | <b>110</b>  | <b>D</b>   | 18  | 4.0 | ug/m3 |   |          | 12/19/20 04:33 | 15.4    |
| Vinyl chloride                                | 3.1         | U          | 3.1 | 1.7 | ug/m3 |   |          | 12/19/20 04:33 | 15.4    |
| <b>1,3-Butadiene</b>                          | <b>18</b>   | <b>D</b>   | 6.8 | 1.9 | ug/m3 |   |          | 12/19/20 04:33 | 15.4    |
| Bromomethane                                  | 12          | U          | 12  | 3.0 | ug/m3 |   |          | 12/19/20 04:33 | 15.4    |
| Chloroethane                                  | 20          | U          | 20  | 2.2 | ug/m3 |   |          | 12/19/20 04:33 | 15.4    |
| Bromoethene(Vinyl Bromide)                    | 13          | U          | 13  | 3.5 | ug/m3 |   |          | 12/19/20 04:33 | 15.4    |
| Trichlorofluoromethane                        | 17          | U          | 17  | 5.2 | ug/m3 |   |          | 12/19/20 04:33 | 15.4    |
| 1,1,2-Trichlorotrifluoroethane                | 24          | U          | 24  | 4.5 | ug/m3 |   |          | 12/19/20 04:33 | 15.4    |
| 1,1-Dichloroethene                            | 3.1         | U          | 3.1 | 2.4 | ug/m3 |   |          | 12/19/20 04:33 | 15.4    |
| Acetone                                       | 180         | U          | 180 | 44  | ug/m3 |   |          | 12/19/20 04:33 | 15.4    |
| Isopropyl alcohol                             | 190         | U          | 190 | 18  | ug/m3 |   |          | 12/19/20 04:33 | 15.4    |
| <b>Carbon disulfide</b>                       | <b>14</b>   | <b>J D</b> | 24  | 3.5 | ug/m3 |   |          | 12/19/20 04:33 | 15.4    |
| 3-Chloropropene                               | 24          | U          | 24  | 3.1 | ug/m3 |   |          | 12/19/20 04:33 | 15.4    |
| Methylene Chloride                            | 27          | U          | 27  | 14  | ug/m3 |   |          | 12/19/20 04:33 | 15.4    |
| tert-Butyl alcohol                            | 230         | U          | 230 | 1.8 | ug/m3 |   |          | 12/19/20 04:33 | 15.4    |
| Methyl tert-butyl ether                       | 11          | U          | 11  | 1.8 | ug/m3 |   |          | 12/19/20 04:33 | 15.4    |
| trans-1,2-Dichloroethene                      | 12          | U          | 12  | 2.6 | ug/m3 |   |          | 12/19/20 04:33 | 15.4    |
| <b>n-Hexane</b>                               | <b>34</b>   | <b>D</b>   | 11  | 11  | ug/m3 |   |          | 12/19/20 04:33 | 15.4    |
| 1,1-Dichloroethane                            | 12          | U          | 12  | 2.6 | ug/m3 |   |          | 12/19/20 04:33 | 15.4    |
| Methyl Ethyl Ketone (2-Butanone)              | 23          | U          | 23  | 3.3 | ug/m3 |   |          | 12/19/20 04:33 | 15.4    |
| cis-1,2-Dichloroethene                        | 3.1         | U          | 3.1 | 2.7 | ug/m3 |   |          | 12/19/20 04:33 | 15.4    |
| Chloroform                                    | 15          | U          | 15  | 2.4 | ug/m3 |   |          | 12/19/20 04:33 | 15.4    |
| Tetrahydrofuran                               | 230         | U          | 230 | 3.0 | ug/m3 |   |          | 12/19/20 04:33 | 15.4    |
| <b>1,1,1-Trichloroethane</b>                  | <b>3.2</b>  | <b>J D</b> | 17  | 3.0 | ug/m3 |   |          | 12/19/20 04:33 | 15.4    |
| <b>Cyclohexane</b>                            | <b>11</b>   | <b>D</b>   | 11  | 2.4 | ug/m3 |   |          | 12/19/20 04:33 | 15.4    |
| Carbon tetrachloride                          | 3.4         | U          | 3.4 | 2.3 | ug/m3 |   |          | 12/19/20 04:33 | 15.4    |
| <b>2,2,4-Trimethylpentane</b>                 | <b>13</b>   | <b>J D</b> | 14  | 2.9 | ug/m3 |   |          | 12/19/20 04:33 | 15.4    |
| <b>Benzene</b>                                | <b>20</b>   | <b>D</b>   | 9.8 | 3.3 | ug/m3 |   |          | 12/19/20 04:33 | 15.4    |
| 1,2-Dichloroethane                            | 12          | U          | 12  | 2.0 | ug/m3 |   |          | 12/19/20 04:33 | 15.4    |
| <b>n-Heptane</b>                              | <b>33</b>   | <b>D</b>   | 13  | 3.5 | ug/m3 |   |          | 12/19/20 04:33 | 15.4    |
| <b>Trichloroethene</b>                        | <b>70</b>   | <b>D</b>   | 3.1 | 2.9 | ug/m3 |   |          | 12/19/20 04:33 | 15.4    |
| Methyl methacrylate                           | 32          | U          | 32  | 2.1 | ug/m3 |   |          | 12/19/20 04:33 | 15.4    |
| 1,2-Dichloropropane                           | 14          | U          | 14  | 2.3 | ug/m3 |   |          | 12/19/20 04:33 | 15.4    |
| 1,4-Dioxane                                   | 280         | U          | 280 | 4.7 | ug/m3 |   |          | 12/19/20 04:33 | 15.4    |
| Bromodichloromethane                          | 21          | U          | 21  | 3.6 | ug/m3 |   |          | 12/19/20 04:33 | 15.4    |
| cis-1,3-Dichloropropene                       | 14          | U          | 14  | 2.2 | ug/m3 |   |          | 12/19/20 04:33 | 15.4    |
| 4-Methyl-2-pentanone (Methyl isobutyl ketone) | 32          | U          | 32  | 2.3 | ug/m3 |   |          | 12/19/20 04:33 | 15.4    |
| <b>Toluene</b>                                | <b>95</b>   | <b>D</b>   | 12  | 6.4 | ug/m3 |   |          | 12/19/20 04:33 | 15.4    |
| trans-1,3-Dichloropropene                     | 14          | U          | 14  | 2.7 | ug/m3 |   |          | 12/19/20 04:33 | 15.4    |
| 1,1,2-Trichloroethane                         | 17          | U          | 17  | 3.0 | ug/m3 |   |          | 12/19/20 04:33 | 15.4    |
| <b>Tetrachloroethene</b>                      | <b>2900</b> | <b>D</b>   | 21  | 3.4 | ug/m3 |   |          | 12/19/20 04:33 | 15.4    |
| Methyl Butyl Ketone (2-Hexanone)              | 32          | U          | 32  | 3.0 | ug/m3 |   |          | 12/19/20 04:33 | 15.4    |
| Dibromochloromethane                          | 26          | U          | 26  | 4.7 | ug/m3 |   |          | 12/19/20 04:33 | 15.4    |
| 1,2-Dibromoethane                             | 24          | U          | 24  | 5.8 | ug/m3 |   |          | 12/19/20 04:33 | 15.4    |
| Chlorobenzene                                 | 14          | U          | 14  | 4.0 | ug/m3 |   |          | 12/19/20 04:33 | 15.4    |

Eurofins TestAmerica, Burlington

# Client Sample Results

Client: Stantec Consulting Services Inc  
Project/Site: Easton Cooper Industries

Job ID: 200-56451-1  
SDG: 200-56451-1

**Client Sample ID: SG-205**

**Lab Sample ID: 200-56451-5**

**Date Collected: 12/09/20 14:53**

**Matrix: Air**

**Date Received: 12/10/20 10:35**

**Sample Container: Summa Canister 6L**

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

| Analyte                          | Result | Qualifier | RL   | MDL  | Unit    | D | Prepared | Analyzed       | Dil Fac |
|----------------------------------|--------|-----------|------|------|---------|---|----------|----------------|---------|
| Ethylbenzene                     | 21     | D         | 13   | 4.2  | ug/m3   |   |          | 12/19/20 04:33 | 15.4    |
| m,p-Xylene                       | 83     | D         | 33   | 6.7  | ug/m3   |   |          | 12/19/20 04:33 | 15.4    |
| o-Xylene                         | 24     | D         | 13   | 3.2  | ug/m3   |   |          | 12/19/20 04:33 | 15.4    |
| Styrene                          | 13     | U         | 13   | 2.6  | ug/m3   |   |          | 12/19/20 04:33 | 15.4    |
| Bromoform                        | 32     | U         | 32   | 7.6  | ug/m3   |   |          | 12/19/20 04:33 | 15.4    |
| Cumene                           | 15     | U         | 15   | 2.6  | ug/m3   |   |          | 12/19/20 04:33 | 15.4    |
| 1,1,2,2-Tetrachloroethane        | 21     | U         | 21   | 4.4  | ug/m3   |   |          | 12/19/20 04:33 | 15.4    |
| n-Propylbenzene                  | 4.3    | J D       | 15   | 3.0  | ug/m3   |   |          | 12/19/20 04:33 | 15.4    |
| 4-Ethyltoluene                   | 4.5    | J D       | 15   | 3.1  | ug/m3   |   |          | 12/19/20 04:33 | 15.4    |
| 1,3,5-Trimethylbenzene           | 7.9    | J D       | 15   | 3.0  | ug/m3   |   |          | 12/19/20 04:33 | 15.4    |
| 2-Chlorotoluene                  | 16     | U         | 16   | 3.3  | ug/m3   |   |          | 12/19/20 04:33 | 15.4    |
| tert-Butylbenzene                | 17     | U         | 17   | 3.0  | ug/m3   |   |          | 12/19/20 04:33 | 15.4    |
| 1,2,4-Trimethylbenzene           | 15     | D         | 15   | 3.3  | ug/m3   |   |          | 12/19/20 04:33 | 15.4    |
| sec-Butylbenzene                 | 17     | U         | 17   | 3.0  | ug/m3   |   |          | 12/19/20 04:33 | 15.4    |
| 4-Isopropyltoluene               | 17     | U         | 17   | 3.3  | ug/m3   |   |          | 12/19/20 04:33 | 15.4    |
| 1,3-Dichlorobenzene              | 19     | U         | 19   | 10   | ug/m3   |   |          | 12/19/20 04:33 | 15.4    |
| 1,4-Dichlorobenzene              | 19     | U         | 19   | 11   | ug/m3   |   |          | 12/19/20 04:33 | 15.4    |
| Benzyl chloride                  | 16     | U         | 16   | 6.8  | ug/m3   |   |          | 12/19/20 04:33 | 15.4    |
| n-Butylbenzene                   | 17     | U         | 17   | 3.3  | ug/m3   |   |          | 12/19/20 04:33 | 15.4    |
| 1,2-Dichlorobenzene              | 19     | U         | 19   | 9.0  | ug/m3   |   |          | 12/19/20 04:33 | 15.4    |
| 1,2,4-Trichlorobenzene           | 57     | U         | 57   | 25   | ug/m3   |   |          | 12/19/20 04:33 | 15.4    |
| Hexachlorobutadiene              | 33     | U         | 33   | 12   | ug/m3   |   |          | 12/19/20 04:33 | 15.4    |
| Naphthalene                      | 40     | U         | 40   | 14   | ug/m3   |   |          | 12/19/20 04:33 | 15.4    |
| Analyte                          | Result | Qualifier | RL   | MDL  | Unit    | D | Prepared | Analyzed       | Dil Fac |
| Dichlorodifluoromethane          | 7.7    | U         | 7.7  | 1.7  | ppb v/v |   |          | 12/19/20 04:33 | 15.4    |
| Chlorodifluoromethane            | 7.7    | U         | 7.7  | 1.8  | ppb v/v |   |          | 12/19/20 04:33 | 15.4    |
| 1,2-Dichlorotetrafluoroethane    | 3.1    | U         | 3.1  | 0.54 | ppb v/v |   |          | 12/19/20 04:33 | 15.4    |
| Chloromethane                    | 7.7    | U         | 7.7  | 1.7  | ppb v/v |   |          | 12/19/20 04:33 | 15.4    |
| n-Butane                         | 48     | D         | 7.7  | 1.7  | ppb v/v |   |          | 12/19/20 04:33 | 15.4    |
| Vinyl chloride                   | 1.2    | U         | 1.2  | 0.68 | ppb v/v |   |          | 12/19/20 04:33 | 15.4    |
| 1,3-Butadiene                    | 8.1    | D         | 3.1  | 0.88 | ppb v/v |   |          | 12/19/20 04:33 | 15.4    |
| Bromomethane                     | 3.1    | U         | 3.1  | 0.79 | ppb v/v |   |          | 12/19/20 04:33 | 15.4    |
| Chloroethane                     | 7.7    | U         | 7.7  | 0.83 | ppb v/v |   |          | 12/19/20 04:33 | 15.4    |
| Bromoethene(Vinyl Bromide)       | 3.1    | U         | 3.1  | 0.80 | ppb v/v |   |          | 12/19/20 04:33 | 15.4    |
| Trichlorofluoromethane           | 3.1    | U         | 3.1  | 0.92 | ppb v/v |   |          | 12/19/20 04:33 | 15.4    |
| 1,1,2-Trichlorotrifluoroethane   | 3.1    | U         | 3.1  | 0.59 | ppb v/v |   |          | 12/19/20 04:33 | 15.4    |
| 1,1-Dichloroethene               | 0.78   | U         | 0.78 | 0.60 | ppb v/v |   |          | 12/19/20 04:33 | 15.4    |
| Acetone                          | 77     | U         | 77   | 18   | ppb v/v |   |          | 12/19/20 04:33 | 15.4    |
| Isopropyl alcohol                | 77     | U         | 77   | 7.4  | ppb v/v |   |          | 12/19/20 04:33 | 15.4    |
| Carbon disulfide                 | 4.4    | J D       | 7.7  | 1.1  | ppb v/v |   |          | 12/19/20 04:33 | 15.4    |
| 3-Chloropropene                  | 7.7    | U         | 7.7  | 0.99 | ppb v/v |   |          | 12/19/20 04:33 | 15.4    |
| Methylene Chloride               | 7.7    | U         | 7.7  | 4.2  | ppb v/v |   |          | 12/19/20 04:33 | 15.4    |
| tert-Butyl alcohol               | 77     | U         | 77   | 0.59 | ppb v/v |   |          | 12/19/20 04:33 | 15.4    |
| Methyl tert-butyl ether          | 3.1    | U         | 3.1  | 0.51 | ppb v/v |   |          | 12/19/20 04:33 | 15.4    |
| trans-1,2-Dichloroethene         | 3.1    | U         | 3.1  | 0.65 | ppb v/v |   |          | 12/19/20 04:33 | 15.4    |
| n-Hexane                         | 9.6    | D         | 3.1  | 3.1  | ppb v/v |   |          | 12/19/20 04:33 | 15.4    |
| 1,1-Dichloroethane               | 3.1    | U         | 3.1  | 0.63 | ppb v/v |   |          | 12/19/20 04:33 | 15.4    |
| Methyl Ethyl Ketone (2-Butanone) | 7.7    | U         | 7.7  | 1.1  | ppb v/v |   |          | 12/19/20 04:33 | 15.4    |

# Client Sample Results

Client: Stantec Consulting Services Inc  
Project/Site: Easton Cooper Industries

Job ID: 200-56451-1  
SDG: 200-56451-1

**Client Sample ID: SG-205**

**Lab Sample ID: 200-56451-5**

**Date Collected: 12/09/20 14:53**

**Matrix: Air**

**Date Received: 12/10/20 10:35**

**Sample Container: Summa Canister 6L**

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

| Analyte                                       | Result      | Qualifier  | RL   | MDL  | Unit    | D | Prepared | Analyzed       | Dil Fac |
|-----------------------------------------------|-------------|------------|------|------|---------|---|----------|----------------|---------|
| cis-1,2-Dichloroethene                        | 0.78        | U          | 0.78 | 0.69 | ppb v/v |   |          | 12/19/20 04:33 | 15.4    |
| Chloroform                                    | 3.1         | U          | 3.1  | 0.49 | ppb v/v |   |          | 12/19/20 04:33 | 15.4    |
| Tetrahydrofuran                               | 77          | U          | 77   | 1.0  | ppb v/v |   |          | 12/19/20 04:33 | 15.4    |
| <b>1,1,1-Trichloroethane</b>                  | <b>0.58</b> | <b>J D</b> | 3.1  | 0.55 | ppb v/v |   |          | 12/19/20 04:33 | 15.4    |
| <b>Cyclohexane</b>                            | <b>3.3</b>  | <b>D</b>   | 3.1  | 0.71 | ppb v/v |   |          | 12/19/20 04:33 | 15.4    |
| Carbon tetrachloride                          | 0.54        | U          | 0.54 | 0.37 | ppb v/v |   |          | 12/19/20 04:33 | 15.4    |
| <b>2,2,4-Trimethylpentane</b>                 | <b>2.8</b>  | <b>J D</b> | 3.1  | 0.63 | ppb v/v |   |          | 12/19/20 04:33 | 15.4    |
| <b>Benzene</b>                                | <b>6.2</b>  | <b>D</b>   | 3.1  | 1.0  | ppb v/v |   |          | 12/19/20 04:33 | 15.4    |
| 1,2-Dichloroethane                            | 3.1         | U          | 3.1  | 0.49 | ppb v/v |   |          | 12/19/20 04:33 | 15.4    |
| <b>n-Heptane</b>                              | <b>8.1</b>  | <b>D</b>   | 3.1  | 0.86 | ppb v/v |   |          | 12/19/20 04:33 | 15.4    |
| <b>Trichloroethene</b>                        | <b>13</b>   | <b>D</b>   | 0.57 | 0.54 | ppb v/v |   |          | 12/19/20 04:33 | 15.4    |
| Methyl methacrylate                           | 7.7         | U          | 7.7  | 0.51 | ppb v/v |   |          | 12/19/20 04:33 | 15.4    |
| 1,2-Dichloropropane                           | 3.1         | U          | 3.1  | 0.51 | ppb v/v |   |          | 12/19/20 04:33 | 15.4    |
| 1,4-Dioxane                                   | 77          | U          | 77   | 1.3  | ppb v/v |   |          | 12/19/20 04:33 | 15.4    |
| Bromodichloromethane                          | 3.1         | U          | 3.1  | 0.54 | ppb v/v |   |          | 12/19/20 04:33 | 15.4    |
| cis-1,3-Dichloropropene                       | 3.1         | U          | 3.1  | 0.49 | ppb v/v |   |          | 12/19/20 04:33 | 15.4    |
| 4-Methyl-2-pentanone (Methyl isobutyl ketone) | 7.7         | U          | 7.7  | 0.55 | ppb v/v |   |          | 12/19/20 04:33 | 15.4    |
| <b>Toluene</b>                                | <b>25</b>   | <b>D</b>   | 3.1  | 1.7  | ppb v/v |   |          | 12/19/20 04:33 | 15.4    |
| trans-1,3-Dichloropropene                     | 3.1         | U          | 3.1  | 0.60 | ppb v/v |   |          | 12/19/20 04:33 | 15.4    |
| 1,1,2-Trichloroethane                         | 3.1         | U          | 3.1  | 0.55 | ppb v/v |   |          | 12/19/20 04:33 | 15.4    |
| <b>Tetrachloroethene</b>                      | <b>430</b>  | <b>D</b>   | 3.1  | 0.51 | ppb v/v |   |          | 12/19/20 04:33 | 15.4    |
| Methyl Butyl Ketone (2-Hexanone)              | 7.7         | U          | 7.7  | 0.74 | ppb v/v |   |          | 12/19/20 04:33 | 15.4    |
| Dibromochloromethane                          | 3.1         | U          | 3.1  | 0.55 | ppb v/v |   |          | 12/19/20 04:33 | 15.4    |
| 1,2-Dibromoethane                             | 3.1         | U          | 3.1  | 0.75 | ppb v/v |   |          | 12/19/20 04:33 | 15.4    |
| Chlorobenzene                                 | 3.1         | U          | 3.1  | 0.86 | ppb v/v |   |          | 12/19/20 04:33 | 15.4    |
| <b>Ethylbenzene</b>                           | <b>4.8</b>  | <b>D</b>   | 3.1  | 0.97 | ppb v/v |   |          | 12/19/20 04:33 | 15.4    |
| <b>m,p-Xylene</b>                             | <b>19</b>   | <b>D</b>   | 7.7  | 1.5  | ppb v/v |   |          | 12/19/20 04:33 | 15.4    |
| <b>o-Xylene</b>                               | <b>5.5</b>  | <b>D</b>   | 3.1  | 0.74 | ppb v/v |   |          | 12/19/20 04:33 | 15.4    |
| Styrene                                       | 3.1         | U          | 3.1  | 0.62 | ppb v/v |   |          | 12/19/20 04:33 | 15.4    |
| Bromoform                                     | 3.1         | U          | 3.1  | 0.74 | ppb v/v |   |          | 12/19/20 04:33 | 15.4    |
| Cumene                                        | 3.1         | U          | 3.1  | 0.54 | ppb v/v |   |          | 12/19/20 04:33 | 15.4    |
| 1,1,2,2-Tetrachloroethane                     | 3.1         | U          | 3.1  | 0.65 | ppb v/v |   |          | 12/19/20 04:33 | 15.4    |
| <b>n-Propylbenzene</b>                        | <b>0.88</b> | <b>J D</b> | 3.1  | 0.60 | ppb v/v |   |          | 12/19/20 04:33 | 15.4    |
| <b>4-Ethyltoluene</b>                         | <b>0.92</b> | <b>J D</b> | 3.1  | 0.63 | ppb v/v |   |          | 12/19/20 04:33 | 15.4    |
| <b>1,3,5-Trimethylbenzene</b>                 | <b>1.6</b>  | <b>J D</b> | 3.1  | 0.60 | ppb v/v |   |          | 12/19/20 04:33 | 15.4    |
| 2-Chlorotoluene                               | 3.1         | U          | 3.1  | 0.65 | ppb v/v |   |          | 12/19/20 04:33 | 15.4    |
| tert-Butylbenzene                             | 3.1         | U          | 3.1  | 0.54 | ppb v/v |   |          | 12/19/20 04:33 | 15.4    |
| <b>1,2,4-Trimethylbenzene</b>                 | <b>3.0</b>  | <b>D</b>   | 3.1  | 0.68 | ppb v/v |   |          | 12/19/20 04:33 | 15.4    |
| sec-Butylbenzene                              | 3.1         | U          | 3.1  | 0.54 | ppb v/v |   |          | 12/19/20 04:33 | 15.4    |
| 4-Isopropyltoluene                            | 3.1         | U          | 3.1  | 0.60 | ppb v/v |   |          | 12/19/20 04:33 | 15.4    |
| 1,3-Dichlorobenzene                           | 3.1         | U          | 3.1  | 1.7  | ppb v/v |   |          | 12/19/20 04:33 | 15.4    |
| 1,4-Dichlorobenzene                           | 3.1         | U          | 3.1  | 1.8  | ppb v/v |   |          | 12/19/20 04:33 | 15.4    |
| Benzyl chloride                               | 3.1         | U          | 3.1  | 1.3  | ppb v/v |   |          | 12/19/20 04:33 | 15.4    |
| n-Butylbenzene                                | 3.1         | U          | 3.1  | 0.60 | ppb v/v |   |          | 12/19/20 04:33 | 15.4    |
| 1,2-Dichlorobenzene                           | 3.1         | U          | 3.1  | 1.5  | ppb v/v |   |          | 12/19/20 04:33 | 15.4    |
| 1,2,4-Trichlorobenzene                        | 7.7         | U          | 7.7  | 3.4  | ppb v/v |   |          | 12/19/20 04:33 | 15.4    |
| Hexachlorobutadiene                           | 3.1         | U          | 3.1  | 1.2  | ppb v/v |   |          | 12/19/20 04:33 | 15.4    |
| Naphthalene                                   | 7.7         | U          | 7.7  | 2.6  | ppb v/v |   |          | 12/19/20 04:33 | 15.4    |

# Client Sample Results

Client: Stantec Consulting Services Inc  
Project/Site: Easton Cooper Industries

Job ID: 200-56451-1  
SDG: 200-56451-1

**Client Sample ID: SG-206**

**Lab Sample ID: 200-56451-6**

**Date Collected: 12/09/20 14:54**

**Matrix: Air**

**Date Received: 12/10/20 10:35**

**Sample Container: Summa Canister 6L**

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

| Analyte                                              | Result      | Qualifier | RL   | MDL  | Unit  | D | Prepared | Analyzed       | Dil Fac |
|------------------------------------------------------|-------------|-----------|------|------|-------|---|----------|----------------|---------|
| <b>Dichlorodifluoromethane</b>                       | <b>1.4</b>  | <b>J</b>  | 2.5  | 0.54 | ug/m3 |   |          | 12/18/20 16:29 | 1       |
| Chlorodifluoromethane                                | 1.8         | U         | 1.8  | 0.42 | ug/m3 |   |          | 12/18/20 16:29 | 1       |
| 1,2-Dichlorotetrafluoroethane                        | 1.4         | U         | 1.4  | 0.24 | ug/m3 |   |          | 12/18/20 16:29 | 1       |
| Chloromethane                                        | 1.0         | U         | 1.0  | 0.23 | ug/m3 |   |          | 12/18/20 16:29 | 1       |
| <b>n-Butane</b>                                      | <b>94</b>   |           | 1.2  | 0.26 | ug/m3 |   |          | 12/18/20 16:29 | 1       |
| Vinyl chloride                                       | 0.20        | U         | 0.20 | 0.11 | ug/m3 |   |          | 12/18/20 16:29 | 1       |
| <b>1,3-Butadiene</b>                                 | <b>9.2</b>  |           | 0.44 | 0.13 | ug/m3 |   |          | 12/18/20 16:29 | 1       |
| Bromomethane                                         | 0.78        | U         | 0.78 | 0.20 | ug/m3 |   |          | 12/18/20 16:29 | 1       |
| Chloroethane                                         | 1.3         | U         | 1.3  | 0.14 | ug/m3 |   |          | 12/18/20 16:29 | 1       |
| Bromoethene(Vinyl Bromide)                           | 0.87        | U         | 0.87 | 0.23 | ug/m3 |   |          | 12/18/20 16:29 | 1       |
| <b>Trichlorofluoromethane</b>                        | <b>0.74</b> | <b>J</b>  | 1.1  | 0.34 | ug/m3 |   |          | 12/18/20 16:29 | 1       |
| <b>1,1,2-Trichlorotrifluoroethane</b>                | <b>0.68</b> | <b>J</b>  | 1.5  | 0.29 | ug/m3 |   |          | 12/18/20 16:29 | 1       |
| 1,1-Dichloroethene                                   | 0.20        | U         | 0.20 | 0.15 | ug/m3 |   |          | 12/18/20 16:29 | 1       |
| <b>Acetone</b>                                       | <b>23</b>   |           | 12   | 2.9  | ug/m3 |   |          | 12/18/20 16:29 | 1       |
| <b>Isopropyl alcohol</b>                             | <b>2.2</b>  | <b>J</b>  | 12   | 1.2  | ug/m3 |   |          | 12/18/20 16:29 | 1       |
| <b>Carbon disulfide</b>                              | <b>7.9</b>  |           | 1.6  | 0.23 | ug/m3 |   |          | 12/18/20 16:29 | 1       |
| 3-Chloropropene                                      | 1.6         | U         | 1.6  | 0.20 | ug/m3 |   |          | 12/18/20 16:29 | 1       |
| Methylene Chloride                                   | 1.7         | U         | 1.7  | 0.94 | ug/m3 |   |          | 12/18/20 16:29 | 1       |
| tert-Butyl alcohol                                   | 15          | U         | 15   | 0.12 | ug/m3 |   |          | 12/18/20 16:29 | 1       |
| Methyl tert-butyl ether                              | 0.72        | U         | 0.72 | 0.12 | ug/m3 |   |          | 12/18/20 16:29 | 1       |
| trans-1,2-Dichloroethene                             | 0.79        | U         | 0.79 | 0.17 | ug/m3 |   |          | 12/18/20 16:29 | 1       |
| <b>n-Hexane</b>                                      | <b>23</b>   |           | 0.70 | 0.70 | ug/m3 |   |          | 12/18/20 16:29 | 1       |
| 1,1-Dichloroethane                                   | 0.81        | U         | 0.81 | 0.17 | ug/m3 |   |          | 12/18/20 16:29 | 1       |
| <b>Methyl Ethyl Ketone (2-Butanone)</b>              | <b>7.5</b>  |           | 1.5  | 0.21 | ug/m3 |   |          | 12/18/20 16:29 | 1       |
| cis-1,2-Dichloroethene                               | 0.20        | U         | 0.20 | 0.18 | ug/m3 |   |          | 12/18/20 16:29 | 1       |
| Chloroform                                           | 0.98        | U         | 0.98 | 0.16 | ug/m3 |   |          | 12/18/20 16:29 | 1       |
| Tetrahydrofuran                                      | 15          | U         | 15   | 0.19 | ug/m3 |   |          | 12/18/20 16:29 | 1       |
| 1,1,1-Trichloroethane                                | 1.1         | U         | 1.1  | 0.20 | ug/m3 |   |          | 12/18/20 16:29 | 1       |
| <b>Cyclohexane</b>                                   | <b>8.7</b>  |           | 0.69 | 0.16 | ug/m3 |   |          | 12/18/20 16:29 | 1       |
| Carbon tetrachloride                                 | 0.22        | U         | 0.22 | 0.15 | ug/m3 |   |          | 12/18/20 16:29 | 1       |
| <b>2,2,4-Trimethylpentane</b>                        | <b>4.1</b>  |           | 0.93 | 0.19 | ug/m3 |   |          | 12/18/20 16:29 | 1       |
| <b>Benzene</b>                                       | <b>10</b>   |           | 0.64 | 0.21 | ug/m3 |   |          | 12/18/20 16:29 | 1       |
| 1,2-Dichloroethane                                   | 0.81        | U         | 0.81 | 0.13 | ug/m3 |   |          | 12/18/20 16:29 | 1       |
| <b>n-Heptane</b>                                     | <b>16</b>   |           | 0.82 | 0.23 | ug/m3 |   |          | 12/18/20 16:29 | 1       |
| <b>Trichloroethene</b>                               | <b>12</b>   |           | 0.20 | 0.19 | ug/m3 |   |          | 12/18/20 16:29 | 1       |
| Methyl methacrylate                                  | 2.0         | U         | 2.0  | 0.14 | ug/m3 |   |          | 12/18/20 16:29 | 1       |
| 1,2-Dichloropropane                                  | 0.92        | U         | 0.92 | 0.15 | ug/m3 |   |          | 12/18/20 16:29 | 1       |
| 1,4-Dioxane                                          | 18          | U         | 18   | 0.30 | ug/m3 |   |          | 12/18/20 16:29 | 1       |
| Bromodichloromethane                                 | 1.3         | U         | 1.3  | 0.23 | ug/m3 |   |          | 12/18/20 16:29 | 1       |
| cis-1,3-Dichloropropene                              | 0.91        | U         | 0.91 | 0.15 | ug/m3 |   |          | 12/18/20 16:29 | 1       |
| <b>4-Methyl-2-pentanone (Methyl isobutyl ketone)</b> | <b>2.6</b>  |           | 2.0  | 0.15 | ug/m3 |   |          | 12/18/20 16:29 | 1       |
| <b>Toluene</b>                                       | <b>17</b>   |           | 0.75 | 0.41 | ug/m3 |   |          | 12/18/20 16:29 | 1       |
| trans-1,3-Dichloropropene                            | 0.91        | U         | 0.91 | 0.18 | ug/m3 |   |          | 12/18/20 16:29 | 1       |
| 1,1,2-Trichloroethane                                | 1.1         | U         | 1.1  | 0.20 | ug/m3 |   |          | 12/18/20 16:29 | 1       |
| <b>Tetrachloroethene</b>                             | <b>220</b>  |           | 1.4  | 0.22 | ug/m3 |   |          | 12/18/20 16:29 | 1       |
| <b>Methyl Butyl Ketone (2-Hexanone)</b>              | <b>4.3</b>  |           | 2.0  | 0.20 | ug/m3 |   |          | 12/18/20 16:29 | 1       |
| Dibromochloromethane                                 | 1.7         | U         | 1.7  | 0.31 | ug/m3 |   |          | 12/18/20 16:29 | 1       |
| 1,2-Dibromoethane                                    | 1.5         | U         | 1.5  | 0.38 | ug/m3 |   |          | 12/18/20 16:29 | 1       |



# Client Sample Results

Client: Stantec Consulting Services Inc  
Project/Site: Easton Cooper Industries

Job ID: 200-56451-1  
SDG: 200-56451-1

**Client Sample ID: SG-206**

**Lab Sample ID: 200-56451-6**

**Date Collected: 12/09/20 14:54**

**Matrix: Air**

**Date Received: 12/10/20 10:35**

**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 |
|---------------------------------------|--------------|-----------|-------|-------|---------|---|----------|----------------|---------|
| Chlorobenzene                         | 0.92         | U         | 0.92  | 0.26  | ug/m3   |   |          | 12/18/20 16:29 | 1       |
| <b>Ethylbenzene</b>                   | <b>3.8</b>   |           | 0.87  | 0.27  | ug/m3   |   |          | 12/18/20 16:29 | 1       |
| <b>m,p-Xylene</b>                     | <b>15</b>    |           | 2.2   | 0.43  | ug/m3   |   |          | 12/18/20 16:29 | 1       |
| <b>o-Xylene</b>                       | <b>4.9</b>   |           | 0.87  | 0.21  | ug/m3   |   |          | 12/18/20 16:29 | 1       |
| <b>Styrene</b>                        | <b>0.65</b>  | <b>J</b>  | 0.85  | 0.17  | ug/m3   |   |          | 12/18/20 16:29 | 1       |
| Bromoform                             | 2.1          | U         | 2.1   | 0.50  | ug/m3   |   |          | 12/18/20 16:29 | 1       |
| <b>Cumene</b>                         | <b>0.51</b>  | <b>J</b>  | 0.98  | 0.17  | ug/m3   |   |          | 12/18/20 16:29 | 1       |
| 1,1,2,2-Tetrachloroethane             | 1.4          | U         | 1.4   | 0.29  | ug/m3   |   |          | 12/18/20 16:29 | 1       |
| <b>n-Propylbenzene</b>                | <b>1.0</b>   |           | 0.98  | 0.19  | ug/m3   |   |          | 12/18/20 16:29 | 1       |
| <b>4-Ethyltoluene</b>                 | <b>1.2</b>   |           | 0.98  | 0.20  | ug/m3   |   |          | 12/18/20 16:29 | 1       |
| <b>1,3,5-Trimethylbenzene</b>         | <b>2.2</b>   |           | 0.98  | 0.19  | ug/m3   |   |          | 12/18/20 16:29 | 1       |
| 2-Chlorotoluene                       | 1.0          | U         | 1.0   | 0.22  | ug/m3   |   |          | 12/18/20 16:29 | 1       |
| tert-Butylbenzene                     | 1.1          | U         | 1.1   | 0.19  | ug/m3   |   |          | 12/18/20 16:29 | 1       |
| <b>1,2,4-Trimethylbenzene</b>         | <b>5.3</b>   |           | 0.98  | 0.22  | ug/m3   |   |          | 12/18/20 16:29 | 1       |
| <b>sec-Butylbenzene</b>               | <b>0.25</b>  | <b>J</b>  | 1.1   | 0.19  | ug/m3   |   |          | 12/18/20 16:29 | 1       |
| <b>4-Isopropyltoluene</b>             | <b>0.27</b>  | <b>J</b>  | 1.1   | 0.21  | ug/m3   |   |          | 12/18/20 16:29 | 1       |
| 1,3-Dichlorobenzene                   | 1.2          | U         | 1.2   | 0.66  | ug/m3   |   |          | 12/18/20 16:29 | 1       |
| 1,4-Dichlorobenzene                   | 1.2          | U         | 1.2   | 0.72  | ug/m3   |   |          | 12/18/20 16:29 | 1       |
| Benzyl chloride                       | 1.0          | U         | 1.0   | 0.44  | ug/m3   |   |          | 12/18/20 16:29 | 1       |
| <b>n-Butylbenzene</b>                 | <b>0.39</b>  | <b>J</b>  | 1.1   | 0.21  | ug/m3   |   |          | 12/18/20 16:29 | 1       |
| 1,2-Dichlorobenzene                   | 1.2          | U         | 1.2   | 0.58  | ug/m3   |   |          | 12/18/20 16:29 | 1       |
| 1,2,4-Trichlorobenzene                | 3.7          | U         | 3.7   | 1.6   | ug/m3   |   |          | 12/18/20 16:29 | 1       |
| Hexachlorobutadiene                   | 2.1          | U         | 2.1   | 0.81  | ug/m3   |   |          | 12/18/20 16:29 | 1       |
| Naphthalene                           | 2.6          | U         | 2.6   | 0.89  | ug/m3   |   |          | 12/18/20 16:29 | 1       |
| Analyte                               | Result       | Qualifier | RL    | MDL   | Unit    | D | Prepared | Analyzed       | Dil Fac |
| <b>Dichlorodifluoromethane</b>        | <b>0.28</b>  | <b>J</b>  | 0.50  | 0.11  | ppb v/v |   |          | 12/18/20 16:29 | 1       |
| Chlorodifluoromethane                 | 0.50         | U         | 0.50  | 0.12  | ppb v/v |   |          | 12/18/20 16:29 | 1       |
| 1,2-Dichlorotetrafluoroethane         | 0.20         | U         | 0.20  | 0.035 | ppb v/v |   |          | 12/18/20 16:29 | 1       |
| Chloromethane                         | 0.50         | U         | 0.50  | 0.11  | ppb v/v |   |          | 12/18/20 16:29 | 1       |
| <b>n-Butane</b>                       | <b>40</b>    |           | 0.50  | 0.11  | ppb v/v |   |          | 12/18/20 16:29 | 1       |
| Vinyl chloride                        | 0.078        | U         | 0.078 | 0.044 | ppb v/v |   |          | 12/18/20 16:29 | 1       |
| <b>1,3-Butadiene</b>                  | <b>4.2</b>   |           | 0.20  | 0.057 | ppb v/v |   |          | 12/18/20 16:29 | 1       |
| Bromomethane                          | 0.20         | U         | 0.20  | 0.051 | ppb v/v |   |          | 12/18/20 16:29 | 1       |
| Chloroethane                          | 0.50         | U         | 0.50  | 0.054 | ppb v/v |   |          | 12/18/20 16:29 | 1       |
| Bromoethene(Vinyl Bromide)            | 0.20         | U         | 0.20  | 0.052 | ppb v/v |   |          | 12/18/20 16:29 | 1       |
| <b>Trichlorofluoromethane</b>         | <b>0.13</b>  | <b>J</b>  | 0.20  | 0.060 | ppb v/v |   |          | 12/18/20 16:29 | 1       |
| <b>1,1,2-Trichlorotrifluoroethane</b> | <b>0.089</b> | <b>J</b>  | 0.20  | 0.038 | ppb v/v |   |          | 12/18/20 16:29 | 1       |
| 1,1-Dichloroethene                    | 0.050        | U         | 0.050 | 0.039 | ppb v/v |   |          | 12/18/20 16:29 | 1       |
| <b>Acetone</b>                        | <b>9.9</b>   |           | 5.0   | 1.2   | ppb v/v |   |          | 12/18/20 16:29 | 1       |
| <b>Isopropyl alcohol</b>              | <b>0.89</b>  | <b>J</b>  | 5.0   | 0.48  | ppb v/v |   |          | 12/18/20 16:29 | 1       |
| <b>Carbon disulfide</b>               | <b>2.5</b>   |           | 0.50  | 0.074 | ppb v/v |   |          | 12/18/20 16:29 | 1       |
| 3-Chloropropene                       | 0.50         | U         | 0.50  | 0.064 | ppb v/v |   |          | 12/18/20 16:29 | 1       |
| Methylene Chloride                    | 0.50         | U         | 0.50  | 0.27  | ppb v/v |   |          | 12/18/20 16:29 | 1       |
| tert-Butyl alcohol                    | 5.0          | U         | 5.0   | 0.038 | ppb v/v |   |          | 12/18/20 16:29 | 1       |
| Methyl tert-butyl ether               | 0.20         | U         | 0.20  | 0.033 | ppb v/v |   |          | 12/18/20 16:29 | 1       |
| trans-1,2-Dichloroethene              | 0.20         | U         | 0.20  | 0.042 | ppb v/v |   |          | 12/18/20 16:29 | 1       |
| <b>n-Hexane</b>                       | <b>6.6</b>   |           | 0.20  | 0.20  | ppb v/v |   |          | 12/18/20 16:29 | 1       |
| 1,1-Dichloroethane                    | 0.20         | U         | 0.20  | 0.041 | ppb v/v |   |          | 12/18/20 16:29 | 1       |

# Client Sample Results

Client: Stantec Consulting Services Inc  
Project/Site: Easton Cooper Industries

Job ID: 200-56451-1  
SDG: 200-56451-1

**Client Sample ID: SG-206**

**Lab Sample ID: 200-56451-6**

**Date Collected: 12/09/20 14:54**

**Matrix: Air**

**Date Received: 12/10/20 10:35**

**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 |
|------------------------------------------------------|----------------|-----------|-------|-------|---------|---|----------|----------------|---------|
| <b>Methyl Ethyl Ketone (2-Butanone)</b>              | <b>2.5</b>     |           | 0.50  | 0.072 | ppb v/v |   |          | 12/18/20 16:29 | 1       |
| cis-1,2-Dichloroethene                               | 0.050          | U         | 0.050 | 0.045 | ppb v/v |   |          | 12/18/20 16:29 | 1       |
| Chloroform                                           | 0.20           | U         | 0.20  | 0.032 | ppb v/v |   |          | 12/18/20 16:29 | 1       |
| Tetrahydrofuran                                      | 5.0            | U         | 5.0   | 0.066 | ppb v/v |   |          | 12/18/20 16:29 | 1       |
| 1,1,1-Trichloroethane                                | 0.20           | U         | 0.20  | 0.036 | ppb v/v |   |          | 12/18/20 16:29 | 1       |
| <b>Cyclohexane</b>                                   | <b>2.5</b>     |           | 0.20  | 0.046 | ppb v/v |   |          | 12/18/20 16:29 | 1       |
| Carbon tetrachloride                                 | 0.035          | U         | 0.035 | 0.024 | ppb v/v |   |          | 12/18/20 16:29 | 1       |
| <b>2,2,4-Trimethylpentane</b>                        | <b>0.87</b>    |           | 0.20  | 0.041 | ppb v/v |   |          | 12/18/20 16:29 | 1       |
| <b>Benzene</b>                                       | <b>3.2</b>     |           | 0.20  | 0.067 | ppb v/v |   |          | 12/18/20 16:29 | 1       |
| 1,2-Dichloroethane                                   | 0.20           | U         | 0.20  | 0.032 | ppb v/v |   |          | 12/18/20 16:29 | 1       |
| <b>n-Heptane</b>                                     | <b>3.8</b>     |           | 0.20  | 0.056 | ppb v/v |   |          | 12/18/20 16:29 | 1       |
| <b>Trichloroethene</b>                               | <b>2.3</b>     |           | 0.037 | 0.035 | ppb v/v |   |          | 12/18/20 16:29 | 1       |
| Methyl methacrylate                                  | 0.50           | U         | 0.50  | 0.033 | ppb v/v |   |          | 12/18/20 16:29 | 1       |
| 1,2-Dichloropropane                                  | 0.20           | U         | 0.20  | 0.033 | ppb v/v |   |          | 12/18/20 16:29 | 1       |
| 1,4-Dioxane                                          | 5.0            | U         | 5.0   | 0.084 | ppb v/v |   |          | 12/18/20 16:29 | 1       |
| Bromodichloromethane                                 | 0.20           | U         | 0.20  | 0.035 | ppb v/v |   |          | 12/18/20 16:29 | 1       |
| cis-1,3-Dichloropropene                              | 0.20           | U         | 0.20  | 0.032 | ppb v/v |   |          | 12/18/20 16:29 | 1       |
| <b>4-Methyl-2-pentanone (Methyl isobutyl ketone)</b> | <b>0.63</b>    |           | 0.50  | 0.036 | ppb v/v |   |          | 12/18/20 16:29 | 1       |
| <b>Toluene</b>                                       | <b>4.5</b>     |           | 0.20  | 0.11  | ppb v/v |   |          | 12/18/20 16:29 | 1       |
| trans-1,3-Dichloropropene                            | 0.20           | U         | 0.20  | 0.039 | ppb v/v |   |          | 12/18/20 16:29 | 1       |
| 1,1,2-Trichloroethane                                | 0.20           | U         | 0.20  | 0.036 | ppb v/v |   |          | 12/18/20 16:29 | 1       |
| <b>Tetrachloroethene</b>                             | <b>33</b>      |           | 0.20  | 0.033 | ppb v/v |   |          | 12/18/20 16:29 | 1       |
| <b>Methyl Butyl Ketone (2-Hexanone)</b>              | <b>1.1</b>     |           | 0.50  | 0.048 | ppb v/v |   |          | 12/18/20 16:29 | 1       |
| Dibromochloromethane                                 | 0.20           | U         | 0.20  | 0.036 | ppb v/v |   |          | 12/18/20 16:29 | 1       |
| 1,2-Dibromoethane                                    | 0.20           | U         | 0.20  | 0.049 | ppb v/v |   |          | 12/18/20 16:29 | 1       |
| Chlorobenzene                                        | 0.20           | U         | 0.20  | 0.056 | ppb v/v |   |          | 12/18/20 16:29 | 1       |
| <b>Ethylbenzene</b>                                  | <b>0.88</b>    |           | 0.20  | 0.063 | ppb v/v |   |          | 12/18/20 16:29 | 1       |
| <b>m,p-Xylene</b>                                    | <b>3.5</b>     |           | 0.50  | 0.10  | ppb v/v |   |          | 12/18/20 16:29 | 1       |
| <b>o-Xylene</b>                                      | <b>1.1</b>     |           | 0.20  | 0.048 | ppb v/v |   |          | 12/18/20 16:29 | 1       |
| <b>Styrene</b>                                       | <b>0.15 J</b>  |           | 0.20  | 0.040 | ppb v/v |   |          | 12/18/20 16:29 | 1       |
| Bromoform                                            | 0.20           | U         | 0.20  | 0.048 | ppb v/v |   |          | 12/18/20 16:29 | 1       |
| <b>Cumene</b>                                        | <b>0.10 J</b>  |           | 0.20  | 0.035 | ppb v/v |   |          | 12/18/20 16:29 | 1       |
| 1,1,2,2-Tetrachloroethane                            | 0.20           | U         | 0.20  | 0.042 | ppb v/v |   |          | 12/18/20 16:29 | 1       |
| <b>n-Propylbenzene</b>                               | <b>0.20</b>    |           | 0.20  | 0.039 | ppb v/v |   |          | 12/18/20 16:29 | 1       |
| <b>4-Ethyltoluene</b>                                | <b>0.24</b>    |           | 0.20  | 0.041 | ppb v/v |   |          | 12/18/20 16:29 | 1       |
| <b>1,3,5-Trimethylbenzene</b>                        | <b>0.44</b>    |           | 0.20  | 0.039 | ppb v/v |   |          | 12/18/20 16:29 | 1       |
| 2-Chlorotoluene                                      | 0.20           | U         | 0.20  | 0.042 | ppb v/v |   |          | 12/18/20 16:29 | 1       |
| tert-Butylbenzene                                    | 0.20           | U         | 0.20  | 0.035 | ppb v/v |   |          | 12/18/20 16:29 | 1       |
| <b>1,2,4-Trimethylbenzene</b>                        | <b>1.1</b>     |           | 0.20  | 0.044 | ppb v/v |   |          | 12/18/20 16:29 | 1       |
| <b>sec-Butylbenzene</b>                              | <b>0.045 J</b> |           | 0.20  | 0.035 | ppb v/v |   |          | 12/18/20 16:29 | 1       |
| <b>4-Isopropyltoluene</b>                            | <b>0.050 J</b> |           | 0.20  | 0.039 | ppb v/v |   |          | 12/18/20 16:29 | 1       |
| 1,3-Dichlorobenzene                                  | 0.20           | U         | 0.20  | 0.11  | ppb v/v |   |          | 12/18/20 16:29 | 1       |
| 1,4-Dichlorobenzene                                  | 0.20           | U         | 0.20  | 0.12  | ppb v/v |   |          | 12/18/20 16:29 | 1       |
| Benzyl chloride                                      | 0.20           | U         | 0.20  | 0.085 | ppb v/v |   |          | 12/18/20 16:29 | 1       |
| <b>n-Butylbenzene</b>                                | <b>0.071 J</b> |           | 0.20  | 0.039 | ppb v/v |   |          | 12/18/20 16:29 | 1       |
| 1,2-Dichlorobenzene                                  | 0.20           | U         | 0.20  | 0.097 | ppb v/v |   |          | 12/18/20 16:29 | 1       |
| 1,2,4-Trichlorobenzene                               | 0.50           | U         | 0.50  | 0.22  | ppb v/v |   |          | 12/18/20 16:29 | 1       |
| Hexachlorobutadiene                                  | 0.20           | U         | 0.20  | 0.076 | ppb v/v |   |          | 12/18/20 16:29 | 1       |

# Client Sample Results

Client: Stantec Consulting Services Inc  
Project/Site: Easton Cooper Industries

Job ID: 200-56451-1  
SDG: 200-56451-1

**Client Sample ID: SG-206**

**Lab Sample ID: 200-56451-6**

**Date Collected: 12/09/20 14:54**

**Matrix: Air**

**Date Received: 12/10/20 10:35**

**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 | 0.50   | U         | 0.50 | 0.17 | ppb v/v |   |          | 12/18/20 16:29 | 1       |

**Client Sample ID: SG-207**

**Lab Sample ID: 200-56451-7**

**Date Collected: 12/09/20 12:08**

**Matrix: Air**

**Date Received: 12/10/20 10:35**

**Sample Container: Summa Canister 6L**

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

| Analyte                          | Result | Qualifier | RL   | MDL  | Unit  | D | Prepared | Analyzed       | Dil Fac |
|----------------------------------|--------|-----------|------|------|-------|---|----------|----------------|---------|
| Dichlorodifluoromethane          | 1.9    | J         | 2.5  | 0.54 | ug/m3 |   |          | 12/18/20 18:17 | 1       |
| Chlorodifluoromethane            | 0.79   | J         | 1.8  | 0.42 | ug/m3 |   |          | 12/18/20 18:17 | 1       |
| 1,2-Dichlorotetrafluoroethane    | 1.4    | U         | 1.4  | 0.24 | ug/m3 |   |          | 12/18/20 18:17 | 1       |
| Chloromethane                    | 0.94   | J         | 1.0  | 0.23 | ug/m3 |   |          | 12/18/20 18:17 | 1       |
| n-Butane                         | 12     |           | 1.2  | 0.26 | ug/m3 |   |          | 12/18/20 18:17 | 1       |
| Vinyl chloride                   | 0.20   | U         | 0.20 | 0.11 | ug/m3 |   |          | 12/18/20 18:17 | 1       |
| 1,3-Butadiene                    | 2.8    |           | 0.44 | 0.13 | ug/m3 |   |          | 12/18/20 18:17 | 1       |
| Bromomethane                     | 0.78   | U         | 0.78 | 0.20 | ug/m3 |   |          | 12/18/20 18:17 | 1       |
| Chloroethane                     | 1.3    | U         | 1.3  | 0.14 | ug/m3 |   |          | 12/18/20 18:17 | 1       |
| Bromoethene(Vinyl Bromide)       | 0.87   | U         | 0.87 | 0.23 | ug/m3 |   |          | 12/18/20 18:17 | 1       |
| Trichlorofluoromethane           | 1.5    |           | 1.1  | 0.34 | ug/m3 |   |          | 12/18/20 18:17 | 1       |
| 1,1,2-Trichlorotrifluoroethane   | 0.59   | J         | 1.5  | 0.29 | ug/m3 |   |          | 12/18/20 18:17 | 1       |
| 1,1-Dichloroethene               | 0.20   | U         | 0.20 | 0.15 | ug/m3 |   |          | 12/18/20 18:17 | 1       |
| Acetone                          | 12     |           | 12   | 2.9  | ug/m3 |   |          | 12/18/20 18:17 | 1       |
| Isopropyl alcohol                | 4.7    | J         | 12   | 1.2  | ug/m3 |   |          | 12/18/20 18:17 | 1       |
| Carbon disulfide                 | 3.3    |           | 1.6  | 0.23 | ug/m3 |   |          | 12/18/20 18:17 | 1       |
| 3-Chloropropene                  | 1.6    | U         | 1.6  | 0.20 | ug/m3 |   |          | 12/18/20 18:17 | 1       |
| Methylene Chloride               | 1.7    | U         | 1.7  | 0.94 | ug/m3 |   |          | 12/18/20 18:17 | 1       |
| tert-Butyl alcohol               | 15     | U         | 15   | 0.12 | ug/m3 |   |          | 12/18/20 18:17 | 1       |
| Methyl tert-butyl ether          | 0.72   | U         | 0.72 | 0.12 | ug/m3 |   |          | 12/18/20 18:17 | 1       |
| trans-1,2-Dichloroethene         | 0.79   | U         | 0.79 | 0.17 | ug/m3 |   |          | 12/18/20 18:17 | 1       |
| n-Hexane                         | 2.4    |           | 0.70 | 0.70 | ug/m3 |   |          | 12/18/20 18:17 | 1       |
| 1,1-Dichloroethane               | 0.81   | U         | 0.81 | 0.17 | ug/m3 |   |          | 12/18/20 18:17 | 1       |
| Methyl Ethyl Ketone (2-Butanone) | 6.5    |           | 1.5  | 0.21 | ug/m3 |   |          | 12/18/20 18:17 | 1       |
| cis-1,2-Dichloroethene           | 0.20   | U         | 0.20 | 0.18 | ug/m3 |   |          | 12/18/20 18:17 | 1       |
| Chloroform                       | 0.98   | U         | 0.98 | 0.16 | ug/m3 |   |          | 12/18/20 18:17 | 1       |
| Tetrahydrofuran                  | 15     | U         | 15   | 0.19 | ug/m3 |   |          | 12/18/20 18:17 | 1       |
| 1,1,1-Trichloroethane            | 1.1    | U         | 1.1  | 0.20 | ug/m3 |   |          | 12/18/20 18:17 | 1       |
| Cyclohexane                      | 0.46   | J         | 0.69 | 0.16 | ug/m3 |   |          | 12/18/20 18:17 | 1       |
| Carbon tetrachloride             | 0.35   |           | 0.22 | 0.15 | ug/m3 |   |          | 12/18/20 18:17 | 1       |
| 2,2,4-Trimethylpentane           | 0.93   | U         | 0.93 | 0.19 | ug/m3 |   |          | 12/18/20 18:17 | 1       |
| Benzene                          | 1.7    |           | 0.64 | 0.21 | ug/m3 |   |          | 12/18/20 18:17 | 1       |
| 1,2-Dichloroethane               | 0.81   | U         | 0.81 | 0.13 | ug/m3 |   |          | 12/18/20 18:17 | 1       |
| n-Heptane                        | 1.4    |           | 0.82 | 0.23 | ug/m3 |   |          | 12/18/20 18:17 | 1       |
| Trichloroethene                  | 0.31   |           | 0.20 | 0.19 | ug/m3 |   |          | 12/18/20 18:17 | 1       |
| Methyl methacrylate              | 2.0    | U         | 2.0  | 0.14 | ug/m3 |   |          | 12/18/20 18:17 | 1       |
| 1,2-Dichloropropane              | 0.92   | U         | 0.92 | 0.15 | ug/m3 |   |          | 12/18/20 18:17 | 1       |
| 1,4-Dioxane                      | 18     | U         | 18   | 0.30 | ug/m3 |   |          | 12/18/20 18:17 | 1       |
| Bromodichloromethane             | 1.3    | U         | 1.3  | 0.23 | ug/m3 |   |          | 12/18/20 18:17 | 1       |
| cis-1,3-Dichloropropene          | 0.91   | U         | 0.91 | 0.15 | ug/m3 |   |          | 12/18/20 18:17 | 1       |

Eurofins TestAmerica, Burlington

# Client Sample Results

Client: Stantec Consulting Services Inc  
Project/Site: Easton Cooper Industries

Job ID: 200-56451-1  
SDG: 200-56451-1

**Client Sample ID: SG-207**

**Lab Sample ID: 200-56451-7**

**Date Collected: 12/09/20 12:08**

**Matrix: Air**

**Date Received: 12/10/20 10:35**

**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 |
|------------------------------------------------------|--------------|-----------|-------|-------|---------|---|----------|----------------|---------|
| <b>4-Methyl-2-pentanone (Methyl isobutyl ketone)</b> | <b>0.69</b>  | <b>J</b>  | 2.0   | 0.15  | ug/m3   |   |          | 12/18/20 18:17 | 1       |
| <b>Toluene</b>                                       | <b>1.8</b>   |           | 0.75  | 0.41  | ug/m3   |   |          | 12/18/20 18:17 | 1       |
| trans-1,3-Dichloropropene                            | 0.91         | U         | 0.91  | 0.18  | ug/m3   |   |          | 12/18/20 18:17 | 1       |
| 1,1,2-Trichloroethane                                | 1.1          | U         | 1.1   | 0.20  | ug/m3   |   |          | 12/18/20 18:17 | 1       |
| <b>Tetrachloroethene</b>                             | <b>1.3</b>   | <b>J</b>  | 1.4   | 0.22  | ug/m3   |   |          | 12/18/20 18:17 | 1       |
| <b>Methyl Butyl Ketone (2-Hexanone)</b>              | <b>0.60</b>  | <b>J</b>  | 2.0   | 0.20  | ug/m3   |   |          | 12/18/20 18:17 | 1       |
| Dibromochloromethane                                 | 1.7          | U         | 1.7   | 0.31  | ug/m3   |   |          | 12/18/20 18:17 | 1       |
| 1,2-Dibromoethane                                    | 1.5          | U         | 1.5   | 0.38  | ug/m3   |   |          | 12/18/20 18:17 | 1       |
| Chlorobenzene                                        | 0.92         | U         | 0.92  | 0.26  | ug/m3   |   |          | 12/18/20 18:17 | 1       |
| <b>Ethylbenzene</b>                                  | <b>0.40</b>  | <b>J</b>  | 0.87  | 0.27  | ug/m3   |   |          | 12/18/20 18:17 | 1       |
| <b>m,p-Xylene</b>                                    | <b>1.3</b>   | <b>J</b>  | 2.2   | 0.43  | ug/m3   |   |          | 12/18/20 18:17 | 1       |
| <b>o-Xylene</b>                                      | <b>0.47</b>  | <b>J</b>  | 0.87  | 0.21  | ug/m3   |   |          | 12/18/20 18:17 | 1       |
| Styrene                                              | 0.85         | U         | 0.85  | 0.17  | ug/m3   |   |          | 12/18/20 18:17 | 1       |
| Bromoform                                            | 2.1          | U         | 2.1   | 0.50  | ug/m3   |   |          | 12/18/20 18:17 | 1       |
| Cumene                                               | 0.98         | U         | 0.98  | 0.17  | ug/m3   |   |          | 12/18/20 18:17 | 1       |
| 1,1,2,2-Tetrachloroethane                            | 1.4          | U         | 1.4   | 0.29  | ug/m3   |   |          | 12/18/20 18:17 | 1       |
| n-Propylbenzene                                      | 0.98         | U         | 0.98  | 0.19  | ug/m3   |   |          | 12/18/20 18:17 | 1       |
| 4-Ethyltoluene                                       | 0.98         | U         | 0.98  | 0.20  | ug/m3   |   |          | 12/18/20 18:17 | 1       |
| 1,3,5-Trimethylbenzene                               | 0.98         | U         | 0.98  | 0.19  | ug/m3   |   |          | 12/18/20 18:17 | 1       |
| 2-Chlorotoluene                                      | 1.0          | U         | 1.0   | 0.22  | ug/m3   |   |          | 12/18/20 18:17 | 1       |
| tert-Butylbenzene                                    | 1.1          | U         | 1.1   | 0.19  | ug/m3   |   |          | 12/18/20 18:17 | 1       |
| <b>1,2,4-Trimethylbenzene</b>                        | <b>0.33</b>  | <b>J</b>  | 0.98  | 0.22  | ug/m3   |   |          | 12/18/20 18:17 | 1       |
| sec-Butylbenzene                                     | 1.1          | U         | 1.1   | 0.19  | ug/m3   |   |          | 12/18/20 18:17 | 1       |
| 4-Isopropyltoluene                                   | 1.1          | U         | 1.1   | 0.21  | ug/m3   |   |          | 12/18/20 18:17 | 1       |
| 1,3-Dichlorobenzene                                  | 1.2          | U         | 1.2   | 0.66  | ug/m3   |   |          | 12/18/20 18:17 | 1       |
| 1,4-Dichlorobenzene                                  | 1.2          | U         | 1.2   | 0.72  | ug/m3   |   |          | 12/18/20 18:17 | 1       |
| Benzyl chloride                                      | 1.0          | U         | 1.0   | 0.44  | ug/m3   |   |          | 12/18/20 18:17 | 1       |
| n-Butylbenzene                                       | 1.1          | U         | 1.1   | 0.21  | ug/m3   |   |          | 12/18/20 18:17 | 1       |
| 1,2-Dichlorobenzene                                  | 1.2          | U         | 1.2   | 0.58  | ug/m3   |   |          | 12/18/20 18:17 | 1       |
| 1,2,4-Trichlorobenzene                               | 3.7          | U         | 3.7   | 1.6   | ug/m3   |   |          | 12/18/20 18:17 | 1       |
| Hexachlorobutadiene                                  | 2.1          | U         | 2.1   | 0.81  | ug/m3   |   |          | 12/18/20 18:17 | 1       |
| Naphthalene                                          | 2.6          | U         | 2.6   | 0.89  | ug/m3   |   |          | 12/18/20 18:17 | 1       |
| Analyte                                              | Result       | Qualifier | RL    | MDL   | Unit    | D | Prepared | Analyzed       | Dil Fac |
| <b>Dichlorodifluoromethane</b>                       | <b>0.38</b>  | <b>J</b>  | 0.50  | 0.11  | ppb v/v |   |          | 12/18/20 18:17 | 1       |
| <b>Chlorodifluoromethane</b>                         | <b>0.22</b>  | <b>J</b>  | 0.50  | 0.12  | ppb v/v |   |          | 12/18/20 18:17 | 1       |
| 1,2-Dichlorotetrafluoroethane                        | 0.20         | U         | 0.20  | 0.035 | ppb v/v |   |          | 12/18/20 18:17 | 1       |
| <b>Chloromethane</b>                                 | <b>0.45</b>  | <b>J</b>  | 0.50  | 0.11  | ppb v/v |   |          | 12/18/20 18:17 | 1       |
| <b>n-Butane</b>                                      | <b>5.1</b>   |           | 0.50  | 0.11  | ppb v/v |   |          | 12/18/20 18:17 | 1       |
| Vinyl chloride                                       | 0.078        | U         | 0.078 | 0.044 | ppb v/v |   |          | 12/18/20 18:17 | 1       |
| <b>1,3-Butadiene</b>                                 | <b>1.3</b>   |           | 0.20  | 0.057 | ppb v/v |   |          | 12/18/20 18:17 | 1       |
| Bromomethane                                         | 0.20         | U         | 0.20  | 0.051 | ppb v/v |   |          | 12/18/20 18:17 | 1       |
| Chloroethane                                         | 0.50         | U         | 0.50  | 0.054 | ppb v/v |   |          | 12/18/20 18:17 | 1       |
| Bromoethene(Vinyl Bromide)                           | 0.20         | U         | 0.20  | 0.052 | ppb v/v |   |          | 12/18/20 18:17 | 1       |
| <b>Trichlorofluoromethane</b>                        | <b>0.27</b>  |           | 0.20  | 0.060 | ppb v/v |   |          | 12/18/20 18:17 | 1       |
| <b>1,1,2-Trichlorotrifluoroethane</b>                | <b>0.077</b> | <b>J</b>  | 0.20  | 0.038 | ppb v/v |   |          | 12/18/20 18:17 | 1       |
| 1,1-Dichloroethene                                   | 0.050        | U         | 0.050 | 0.039 | ppb v/v |   |          | 12/18/20 18:17 | 1       |
| <b>Acetone</b>                                       | <b>4.9</b>   |           | 5.0   | 1.2   | ppb v/v |   |          | 12/18/20 18:17 | 1       |

# Client Sample Results

Client: Stantec Consulting Services Inc  
Project/Site: Easton Cooper Industries

Job ID: 200-56451-1  
SDG: 200-56451-1

**Client Sample ID: SG-207**

**Lab Sample ID: 200-56451-7**

**Date Collected: 12/09/20 12:08**

**Matrix: Air**

**Date Received: 12/10/20 10:35**

**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 |
|-----------------------------------------------|--------|-----------|-------|-------|---------|---|----------|----------------|---------|
| Isopropyl alcohol                             | 1.9    | J         | 5.0   | 0.48  | ppb v/v |   |          | 12/18/20 18:17 | 1       |
| Carbon disulfide                              | 1.1    |           | 0.50  | 0.074 | ppb v/v |   |          | 12/18/20 18:17 | 1       |
| 3-Chloropropene                               | 0.50   | U         | 0.50  | 0.064 | ppb v/v |   |          | 12/18/20 18:17 | 1       |
| Methylene Chloride                            | 0.50   | U         | 0.50  | 0.27  | ppb v/v |   |          | 12/18/20 18:17 | 1       |
| tert-Butyl alcohol                            | 5.0    | U         | 5.0   | 0.038 | ppb v/v |   |          | 12/18/20 18:17 | 1       |
| Methyl tert-butyl ether                       | 0.20   | U         | 0.20  | 0.033 | ppb v/v |   |          | 12/18/20 18:17 | 1       |
| trans-1,2-Dichloroethene                      | 0.20   | U         | 0.20  | 0.042 | ppb v/v |   |          | 12/18/20 18:17 | 1       |
| n-Hexane                                      | 0.68   |           | 0.20  | 0.20  | ppb v/v |   |          | 12/18/20 18:17 | 1       |
| 1,1-Dichloroethane                            | 0.20   | U         | 0.20  | 0.041 | ppb v/v |   |          | 12/18/20 18:17 | 1       |
| Methyl Ethyl Ketone (2-Butanone)              | 2.2    |           | 0.50  | 0.072 | ppb v/v |   |          | 12/18/20 18:17 | 1       |
| cis-1,2-Dichloroethene                        | 0.050  | U         | 0.050 | 0.045 | ppb v/v |   |          | 12/18/20 18:17 | 1       |
| Chloroform                                    | 0.20   | U         | 0.20  | 0.032 | ppb v/v |   |          | 12/18/20 18:17 | 1       |
| Tetrahydrofuran                               | 5.0    | U         | 5.0   | 0.066 | ppb v/v |   |          | 12/18/20 18:17 | 1       |
| 1,1,1-Trichloroethane                         | 0.20   | U         | 0.20  | 0.036 | ppb v/v |   |          | 12/18/20 18:17 | 1       |
| Cyclohexane                                   | 0.13   | J         | 0.20  | 0.046 | ppb v/v |   |          | 12/18/20 18:17 | 1       |
| Carbon tetrachloride                          | 0.055  |           | 0.035 | 0.024 | ppb v/v |   |          | 12/18/20 18:17 | 1       |
| 2,2,4-Trimethylpentane                        | 0.20   | U         | 0.20  | 0.041 | ppb v/v |   |          | 12/18/20 18:17 | 1       |
| Benzene                                       | 0.53   |           | 0.20  | 0.067 | ppb v/v |   |          | 12/18/20 18:17 | 1       |
| 1,2-Dichloroethane                            | 0.20   | U         | 0.20  | 0.032 | ppb v/v |   |          | 12/18/20 18:17 | 1       |
| n-Heptane                                     | 0.34   |           | 0.20  | 0.056 | ppb v/v |   |          | 12/18/20 18:17 | 1       |
| Trichloroethene                               | 0.057  |           | 0.037 | 0.035 | ppb v/v |   |          | 12/18/20 18:17 | 1       |
| Methyl methacrylate                           | 0.50   | U         | 0.50  | 0.033 | ppb v/v |   |          | 12/18/20 18:17 | 1       |
| 1,2-Dichloropropane                           | 0.20   | U         | 0.20  | 0.033 | ppb v/v |   |          | 12/18/20 18:17 | 1       |
| 1,4-Dioxane                                   | 5.0    | U         | 5.0   | 0.084 | ppb v/v |   |          | 12/18/20 18:17 | 1       |
| Bromodichloromethane                          | 0.20   | U         | 0.20  | 0.035 | ppb v/v |   |          | 12/18/20 18:17 | 1       |
| cis-1,3-Dichloropropene                       | 0.20   | U         | 0.20  | 0.032 | ppb v/v |   |          | 12/18/20 18:17 | 1       |
| 4-Methyl-2-pentanone (Methyl isobutyl ketone) | 0.17   | J         | 0.50  | 0.036 | ppb v/v |   |          | 12/18/20 18:17 | 1       |
| Toluene                                       | 0.48   |           | 0.20  | 0.11  | ppb v/v |   |          | 12/18/20 18:17 | 1       |
| trans-1,3-Dichloropropene                     | 0.20   | U         | 0.20  | 0.039 | ppb v/v |   |          | 12/18/20 18:17 | 1       |
| 1,1,2-Trichloroethane                         | 0.20   | U         | 0.20  | 0.036 | ppb v/v |   |          | 12/18/20 18:17 | 1       |
| Tetrachloroethene                             | 0.19   | J         | 0.20  | 0.033 | ppb v/v |   |          | 12/18/20 18:17 | 1       |
| Methyl Butyl Ketone (2-Hexanone)              | 0.15   | J         | 0.50  | 0.048 | ppb v/v |   |          | 12/18/20 18:17 | 1       |
| Dibromochloromethane                          | 0.20   | U         | 0.20  | 0.036 | ppb v/v |   |          | 12/18/20 18:17 | 1       |
| 1,2-Dibromoethane                             | 0.20   | U         | 0.20  | 0.049 | ppb v/v |   |          | 12/18/20 18:17 | 1       |
| Chlorobenzene                                 | 0.20   | U         | 0.20  | 0.056 | ppb v/v |   |          | 12/18/20 18:17 | 1       |
| Ethylbenzene                                  | 0.092  | J         | 0.20  | 0.063 | ppb v/v |   |          | 12/18/20 18:17 | 1       |
| m,p-Xylene                                    | 0.29   | J         | 0.50  | 0.10  | ppb v/v |   |          | 12/18/20 18:17 | 1       |
| o-Xylene                                      | 0.11   | J         | 0.20  | 0.048 | ppb v/v |   |          | 12/18/20 18:17 | 1       |
| Styrene                                       | 0.20   | U         | 0.20  | 0.040 | ppb v/v |   |          | 12/18/20 18:17 | 1       |
| Bromoform                                     | 0.20   | U         | 0.20  | 0.048 | ppb v/v |   |          | 12/18/20 18:17 | 1       |
| Cumene                                        | 0.20   | U         | 0.20  | 0.035 | ppb v/v |   |          | 12/18/20 18:17 | 1       |
| 1,1,2,2-Tetrachloroethane                     | 0.20   | U         | 0.20  | 0.042 | ppb v/v |   |          | 12/18/20 18:17 | 1       |
| n-Propylbenzene                               | 0.20   | U         | 0.20  | 0.039 | ppb v/v |   |          | 12/18/20 18:17 | 1       |
| 4-Ethyltoluene                                | 0.20   | U         | 0.20  | 0.041 | ppb v/v |   |          | 12/18/20 18:17 | 1       |
| 1,3,5-Trimethylbenzene                        | 0.20   | U         | 0.20  | 0.039 | ppb v/v |   |          | 12/18/20 18:17 | 1       |
| 2-Chlorotoluene                               | 0.20   | U         | 0.20  | 0.042 | ppb v/v |   |          | 12/18/20 18:17 | 1       |
| tert-Butylbenzene                             | 0.20   | U         | 0.20  | 0.035 | ppb v/v |   |          | 12/18/20 18:17 | 1       |
| 1,2,4-Trimethylbenzene                        | 0.067  | J         | 0.20  | 0.044 | ppb v/v |   |          | 12/18/20 18:17 | 1       |



# Client Sample Results

Client: Stantec Consulting Services Inc  
Project/Site: Easton Cooper Industries

Job ID: 200-56451-1  
SDG: 200-56451-1

**Client Sample ID: SG-207**

**Lab Sample ID: 200-56451-7**

**Date Collected: 12/09/20 12:08**

**Matrix: Air**

**Date Received: 12/10/20 10:35**

**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 |
|------------------------|--------|-----------|------|-------|---------|---|----------|----------------|---------|
| sec-Butylbenzene       | 0.20   | U         | 0.20 | 0.035 | ppb v/v |   |          | 12/18/20 18:17 | 1       |
| 4-Isopropyltoluene     | 0.20   | U         | 0.20 | 0.039 | ppb v/v |   |          | 12/18/20 18:17 | 1       |
| 1,3-Dichlorobenzene    | 0.20   | U         | 0.20 | 0.11  | ppb v/v |   |          | 12/18/20 18:17 | 1       |
| 1,4-Dichlorobenzene    | 0.20   | U         | 0.20 | 0.12  | ppb v/v |   |          | 12/18/20 18:17 | 1       |
| Benzyl chloride        | 0.20   | U         | 0.20 | 0.085 | ppb v/v |   |          | 12/18/20 18:17 | 1       |
| n-Butylbenzene         | 0.20   | U         | 0.20 | 0.039 | ppb v/v |   |          | 12/18/20 18:17 | 1       |
| 1,2-Dichlorobenzene    | 0.20   | U         | 0.20 | 0.097 | ppb v/v |   |          | 12/18/20 18:17 | 1       |
| 1,2,4-Trichlorobenzene | 0.50   | U         | 0.50 | 0.22  | ppb v/v |   |          | 12/18/20 18:17 | 1       |
| Hexachlorobutadiene    | 0.20   | U         | 0.20 | 0.076 | ppb v/v |   |          | 12/18/20 18:17 | 1       |
| Naphthalene            | 0.50   | U         | 0.50 | 0.17  | ppb v/v |   |          | 12/18/20 18:17 | 1       |

**Client Sample ID: TRIP BLANK**

**Lab Sample ID: 200-56451-8**

**Date Collected: 12/09/20 00:00**

**Matrix: Air**

**Date Received: 12/10/20 10:35**

**Sample Container: Summa Canister 6L**

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

| Analyte                          | Result | Qualifier | RL   | MDL  | Unit  | D | Prepared | Analyzed       | Dil Fac |
|----------------------------------|--------|-----------|------|------|-------|---|----------|----------------|---------|
| Dichlorodifluoromethane          | 2.5    | U         | 2.5  | 0.54 | ug/m3 |   |          | 12/18/20 19:12 | 1       |
| Chlorodifluoromethane            | 1.8    | U         | 1.8  | 0.42 | ug/m3 |   |          | 12/18/20 19:12 | 1       |
| 1,2-Dichlorotetrafluoroethane    | 1.4    | U         | 1.4  | 0.24 | ug/m3 |   |          | 12/18/20 19:12 | 1       |
| Chloromethane                    | 1.0    | U         | 1.0  | 0.23 | ug/m3 |   |          | 12/18/20 19:12 | 1       |
| n-Butane                         | 1.2    | U         | 1.2  | 0.26 | ug/m3 |   |          | 12/18/20 19:12 | 1       |
| Vinyl chloride                   | 0.20   | U         | 0.20 | 0.11 | ug/m3 |   |          | 12/18/20 19:12 | 1       |
| 1,3-Butadiene                    | 0.44   | U         | 0.44 | 0.13 | ug/m3 |   |          | 12/18/20 19:12 | 1       |
| Bromomethane                     | 0.78   | U         | 0.78 | 0.20 | ug/m3 |   |          | 12/18/20 19:12 | 1       |
| Chloroethane                     | 1.3    | U         | 1.3  | 0.14 | ug/m3 |   |          | 12/18/20 19:12 | 1       |
| Bromoethene(Vinyl Bromide)       | 0.87   | U         | 0.87 | 0.23 | ug/m3 |   |          | 12/18/20 19:12 | 1       |
| Trichlorofluoromethane           | 1.1    | U         | 1.1  | 0.34 | ug/m3 |   |          | 12/18/20 19:12 | 1       |
| 1,1,2-Trichlorotrifluoroethane   | 1.5    | U         | 1.5  | 0.29 | ug/m3 |   |          | 12/18/20 19:12 | 1       |
| 1,1-Dichloroethene               | 0.20   | U         | 0.20 | 0.15 | ug/m3 |   |          | 12/18/20 19:12 | 1       |
| Acetone                          | 12     | U         | 12   | 2.9  | ug/m3 |   |          | 12/18/20 19:12 | 1       |
| Isopropyl alcohol                | 12     | U         | 12   | 1.2  | ug/m3 |   |          | 12/18/20 19:12 | 1       |
| Carbon disulfide                 | 1.6    | U         | 1.6  | 0.23 | ug/m3 |   |          | 12/18/20 19:12 | 1       |
| 3-Chloropropene                  | 1.6    | U         | 1.6  | 0.20 | ug/m3 |   |          | 12/18/20 19:12 | 1       |
| Methylene Chloride               | 1.7    | U         | 1.7  | 0.94 | ug/m3 |   |          | 12/18/20 19:12 | 1       |
| tert-Butyl alcohol               | 15     | U         | 15   | 0.12 | ug/m3 |   |          | 12/18/20 19:12 | 1       |
| Methyl tert-butyl ether          | 0.72   | U         | 0.72 | 0.12 | ug/m3 |   |          | 12/18/20 19:12 | 1       |
| trans-1,2-Dichloroethene         | 0.79   | U         | 0.79 | 0.17 | ug/m3 |   |          | 12/18/20 19:12 | 1       |
| n-Hexane                         | 0.70   | U         | 0.70 | 0.70 | ug/m3 |   |          | 12/18/20 19:12 | 1       |
| 1,1-Dichloroethane               | 0.81   | U         | 0.81 | 0.17 | ug/m3 |   |          | 12/18/20 19:12 | 1       |
| Methyl Ethyl Ketone (2-Butanone) | 1.5    | U         | 1.5  | 0.21 | ug/m3 |   |          | 12/18/20 19:12 | 1       |
| cis-1,2-Dichloroethene           | 0.20   | U         | 0.20 | 0.18 | ug/m3 |   |          | 12/18/20 19:12 | 1       |
| Chloroform                       | 0.98   | U         | 0.98 | 0.16 | ug/m3 |   |          | 12/18/20 19:12 | 1       |
| Tetrahydrofuran                  | 15     | U         | 15   | 0.19 | ug/m3 |   |          | 12/18/20 19:12 | 1       |
| 1,1,1-Trichloroethane            | 1.1    | U         | 1.1  | 0.20 | ug/m3 |   |          | 12/18/20 19:12 | 1       |
| Cyclohexane                      | 0.69   | U         | 0.69 | 0.16 | ug/m3 |   |          | 12/18/20 19:12 | 1       |
| Carbon tetrachloride             | 0.22   | U         | 0.22 | 0.15 | ug/m3 |   |          | 12/18/20 19:12 | 1       |
| 2,2,4-Trimethylpentane           | 0.93   | U         | 0.93 | 0.19 | ug/m3 |   |          | 12/18/20 19:12 | 1       |

# Client Sample Results

Client: Stantec Consulting Services Inc  
Project/Site: Easton Cooper Industries

Job ID: 200-56451-1  
SDG: 200-56451-1

**Client Sample ID: TRIP BLANK**

**Lab Sample ID: 200-56451-8**

**Date Collected: 12/09/20 00:00**

**Matrix: Air**

**Date Received: 12/10/20 10:35**

**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 |
|-----------------------------------------------|--------|-----------|------|-------|---------|---|----------|----------------|---------|
| Benzene                                       | 0.64   | U         | 0.64 | 0.21  | ug/m3   |   |          | 12/18/20 19:12 | 1       |
| 1,2-Dichloroethane                            | 0.81   | U         | 0.81 | 0.13  | ug/m3   |   |          | 12/18/20 19:12 | 1       |
| n-Heptane                                     | 0.82   | U         | 0.82 | 0.23  | ug/m3   |   |          | 12/18/20 19:12 | 1       |
| Trichloroethene                               | 0.20   | U         | 0.20 | 0.19  | ug/m3   |   |          | 12/18/20 19:12 | 1       |
| Methyl methacrylate                           | 2.0    | U         | 2.0  | 0.14  | ug/m3   |   |          | 12/18/20 19:12 | 1       |
| 1,2-Dichloropropane                           | 0.92   | U         | 0.92 | 0.15  | ug/m3   |   |          | 12/18/20 19:12 | 1       |
| 1,4-Dioxane                                   | 18     | U         | 18   | 0.30  | ug/m3   |   |          | 12/18/20 19:12 | 1       |
| Bromodichloromethane                          | 1.3    | U         | 1.3  | 0.23  | ug/m3   |   |          | 12/18/20 19:12 | 1       |
| cis-1,3-Dichloropropene                       | 0.91   | U         | 0.91 | 0.15  | ug/m3   |   |          | 12/18/20 19:12 | 1       |
| 4-Methyl-2-pentanone (Methyl isobutyl ketone) | 2.0    | U         | 2.0  | 0.15  | ug/m3   |   |          | 12/18/20 19:12 | 1       |
| Toluene                                       | 0.75   | U         | 0.75 | 0.41  | ug/m3   |   |          | 12/18/20 19:12 | 1       |
| trans-1,3-Dichloropropene                     | 0.91   | U         | 0.91 | 0.18  | ug/m3   |   |          | 12/18/20 19:12 | 1       |
| 1,1,2-Trichloroethane                         | 1.1    | U         | 1.1  | 0.20  | ug/m3   |   |          | 12/18/20 19:12 | 1       |
| Tetrachloroethene                             | 1.4    | U         | 1.4  | 0.22  | ug/m3   |   |          | 12/18/20 19:12 | 1       |
| Methyl Butyl Ketone (2-Hexanone)              | 2.0    | U         | 2.0  | 0.20  | ug/m3   |   |          | 12/18/20 19:12 | 1       |
| Dibromochloromethane                          | 1.7    | U         | 1.7  | 0.31  | ug/m3   |   |          | 12/18/20 19:12 | 1       |
| 1,2-Dibromoethane                             | 1.5    | U         | 1.5  | 0.38  | ug/m3   |   |          | 12/18/20 19:12 | 1       |
| Chlorobenzene                                 | 0.92   | U         | 0.92 | 0.26  | ug/m3   |   |          | 12/18/20 19:12 | 1       |
| Ethylbenzene                                  | 0.87   | U         | 0.87 | 0.27  | ug/m3   |   |          | 12/18/20 19:12 | 1       |
| m,p-Xylene                                    | 2.2    | U         | 2.2  | 0.43  | ug/m3   |   |          | 12/18/20 19:12 | 1       |
| o-Xylene                                      | 0.87   | U         | 0.87 | 0.21  | ug/m3   |   |          | 12/18/20 19:12 | 1       |
| Styrene                                       | 0.85   | U         | 0.85 | 0.17  | ug/m3   |   |          | 12/18/20 19:12 | 1       |
| Bromoform                                     | 2.1    | U         | 2.1  | 0.50  | ug/m3   |   |          | 12/18/20 19:12 | 1       |
| Cumene                                        | 0.98   | U         | 0.98 | 0.17  | ug/m3   |   |          | 12/18/20 19:12 | 1       |
| 1,1,2,2-Tetrachloroethane                     | 1.4    | U         | 1.4  | 0.29  | ug/m3   |   |          | 12/18/20 19:12 | 1       |
| n-Propylbenzene                               | 0.98   | U         | 0.98 | 0.19  | ug/m3   |   |          | 12/18/20 19:12 | 1       |
| 4-Ethyltoluene                                | 0.98   | U         | 0.98 | 0.20  | ug/m3   |   |          | 12/18/20 19:12 | 1       |
| 1,3,5-Trimethylbenzene                        | 0.98   | U         | 0.98 | 0.19  | ug/m3   |   |          | 12/18/20 19:12 | 1       |
| 2-Chlorotoluene                               | 1.0    | U         | 1.0  | 0.22  | ug/m3   |   |          | 12/18/20 19:12 | 1       |
| tert-Butylbenzene                             | 1.1    | U         | 1.1  | 0.19  | ug/m3   |   |          | 12/18/20 19:12 | 1       |
| 1,2,4-Trimethylbenzene                        | 0.98   | U         | 0.98 | 0.22  | ug/m3   |   |          | 12/18/20 19:12 | 1       |
| sec-Butylbenzene                              | 1.1    | U         | 1.1  | 0.19  | ug/m3   |   |          | 12/18/20 19:12 | 1       |
| 4-Isopropyltoluene                            | 1.1    | U         | 1.1  | 0.21  | ug/m3   |   |          | 12/18/20 19:12 | 1       |
| 1,3-Dichlorobenzene                           | 1.2    | U         | 1.2  | 0.66  | ug/m3   |   |          | 12/18/20 19:12 | 1       |
| 1,4-Dichlorobenzene                           | 1.2    | U         | 1.2  | 0.72  | ug/m3   |   |          | 12/18/20 19:12 | 1       |
| Benzyl chloride                               | 1.0    | U         | 1.0  | 0.44  | ug/m3   |   |          | 12/18/20 19:12 | 1       |
| n-Butylbenzene                                | 1.1    | U         | 1.1  | 0.21  | ug/m3   |   |          | 12/18/20 19:12 | 1       |
| 1,2-Dichlorobenzene                           | 1.2    | U         | 1.2  | 0.58  | ug/m3   |   |          | 12/18/20 19:12 | 1       |
| 1,2,4-Trichlorobenzene                        | 3.7    | U         | 3.7  | 1.6   | ug/m3   |   |          | 12/18/20 19:12 | 1       |
| Hexachlorobutadiene                           | 2.1    | U         | 2.1  | 0.81  | ug/m3   |   |          | 12/18/20 19:12 | 1       |
| Naphthalene                                   | 2.6    | U         | 2.6  | 0.89  | ug/m3   |   |          | 12/18/20 19:12 | 1       |
| Analyte                                       | Result | Qualifier | RL   | MDL   | Unit    | D | Prepared | Analyzed       | Dil Fac |
| Dichlorodifluoromethane                       | 0.50   | U         | 0.50 | 0.11  | ppb v/v |   |          | 12/18/20 19:12 | 1       |
| Chlorodifluoromethane                         | 0.50   | U         | 0.50 | 0.12  | ppb v/v |   |          | 12/18/20 19:12 | 1       |
| 1,2-Dichlorotetrafluoroethane                 | 0.20   | U         | 0.20 | 0.035 | ppb v/v |   |          | 12/18/20 19:12 | 1       |
| Chloromethane                                 | 0.50   | U         | 0.50 | 0.11  | ppb v/v |   |          | 12/18/20 19:12 | 1       |
| n-Butane                                      | 0.50   | U         | 0.50 | 0.11  | ppb v/v |   |          | 12/18/20 19:12 | 1       |

# Client Sample Results

Client: Stantec Consulting Services Inc  
Project/Site: Easton Cooper Industries

Job ID: 200-56451-1  
SDG: 200-56451-1

**Client Sample ID: TRIP BLANK**

**Lab Sample ID: 200-56451-8**

**Date Collected: 12/09/20 00:00**

**Matrix: Air**

**Date Received: 12/10/20 10:35**

**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 |
|-----------------------------------------------|--------|-----------|-------|-------|---------|---|----------|----------------|---------|
| Vinyl chloride                                | 0.078  | U         | 0.078 | 0.044 | ppb v/v |   |          | 12/18/20 19:12 | 1       |
| 1,3-Butadiene                                 | 0.20   | U         | 0.20  | 0.057 | ppb v/v |   |          | 12/18/20 19:12 | 1       |
| Bromomethane                                  | 0.20   | U         | 0.20  | 0.051 | ppb v/v |   |          | 12/18/20 19:12 | 1       |
| Chloroethane                                  | 0.50   | U         | 0.50  | 0.054 | ppb v/v |   |          | 12/18/20 19:12 | 1       |
| Bromoethene(Vinyl Bromide)                    | 0.20   | U         | 0.20  | 0.052 | ppb v/v |   |          | 12/18/20 19:12 | 1       |
| Trichlorofluoromethane                        | 0.20   | U         | 0.20  | 0.060 | ppb v/v |   |          | 12/18/20 19:12 | 1       |
| 1,1,2-Trichlorotrifluoroethane                | 0.20   | U         | 0.20  | 0.038 | ppb v/v |   |          | 12/18/20 19:12 | 1       |
| 1,1-Dichloroethene                            | 0.050  | U         | 0.050 | 0.039 | ppb v/v |   |          | 12/18/20 19:12 | 1       |
| Acetone                                       | 5.0    | U         | 5.0   | 1.2   | ppb v/v |   |          | 12/18/20 19:12 | 1       |
| Isopropyl alcohol                             | 5.0    | U         | 5.0   | 0.48  | ppb v/v |   |          | 12/18/20 19:12 | 1       |
| Carbon disulfide                              | 0.50   | U         | 0.50  | 0.074 | ppb v/v |   |          | 12/18/20 19:12 | 1       |
| 3-Chloropropene                               | 0.50   | U         | 0.50  | 0.064 | ppb v/v |   |          | 12/18/20 19:12 | 1       |
| Methylene Chloride                            | 0.50   | U         | 0.50  | 0.27  | ppb v/v |   |          | 12/18/20 19:12 | 1       |
| tert-Butyl alcohol                            | 5.0    | U         | 5.0   | 0.038 | ppb v/v |   |          | 12/18/20 19:12 | 1       |
| Methyl tert-butyl ether                       | 0.20   | U         | 0.20  | 0.033 | ppb v/v |   |          | 12/18/20 19:12 | 1       |
| trans-1,2-Dichloroethene                      | 0.20   | U         | 0.20  | 0.042 | ppb v/v |   |          | 12/18/20 19:12 | 1       |
| n-Hexane                                      | 0.20   | U         | 0.20  | 0.20  | ppb v/v |   |          | 12/18/20 19:12 | 1       |
| 1,1-Dichloroethane                            | 0.20   | U         | 0.20  | 0.041 | ppb v/v |   |          | 12/18/20 19:12 | 1       |
| Methyl Ethyl Ketone (2-Butanone)              | 0.50   | U         | 0.50  | 0.072 | ppb v/v |   |          | 12/18/20 19:12 | 1       |
| cis-1,2-Dichloroethene                        | 0.050  | U         | 0.050 | 0.045 | ppb v/v |   |          | 12/18/20 19:12 | 1       |
| Chloroform                                    | 0.20   | U         | 0.20  | 0.032 | ppb v/v |   |          | 12/18/20 19:12 | 1       |
| Tetrahydrofuran                               | 5.0    | U         | 5.0   | 0.066 | ppb v/v |   |          | 12/18/20 19:12 | 1       |
| 1,1,1-Trichloroethane                         | 0.20   | U         | 0.20  | 0.036 | ppb v/v |   |          | 12/18/20 19:12 | 1       |
| Cyclohexane                                   | 0.20   | U         | 0.20  | 0.046 | ppb v/v |   |          | 12/18/20 19:12 | 1       |
| Carbon tetrachloride                          | 0.035  | U         | 0.035 | 0.024 | ppb v/v |   |          | 12/18/20 19:12 | 1       |
| 2,2,4-Trimethylpentane                        | 0.20   | U         | 0.20  | 0.041 | ppb v/v |   |          | 12/18/20 19:12 | 1       |
| Benzene                                       | 0.20   | U         | 0.20  | 0.067 | ppb v/v |   |          | 12/18/20 19:12 | 1       |
| 1,2-Dichloroethane                            | 0.20   | U         | 0.20  | 0.032 | ppb v/v |   |          | 12/18/20 19:12 | 1       |
| n-Heptane                                     | 0.20   | U         | 0.20  | 0.056 | ppb v/v |   |          | 12/18/20 19:12 | 1       |
| Trichloroethene                               | 0.037  | U         | 0.037 | 0.035 | ppb v/v |   |          | 12/18/20 19:12 | 1       |
| Methyl methacrylate                           | 0.50   | U         | 0.50  | 0.033 | ppb v/v |   |          | 12/18/20 19:12 | 1       |
| 1,2-Dichloropropane                           | 0.20   | U         | 0.20  | 0.033 | ppb v/v |   |          | 12/18/20 19:12 | 1       |
| 1,4-Dioxane                                   | 5.0    | U         | 5.0   | 0.084 | ppb v/v |   |          | 12/18/20 19:12 | 1       |
| Bromodichloromethane                          | 0.20   | U         | 0.20  | 0.035 | ppb v/v |   |          | 12/18/20 19:12 | 1       |
| cis-1,3-Dichloropropene                       | 0.20   | U         | 0.20  | 0.032 | ppb v/v |   |          | 12/18/20 19:12 | 1       |
| 4-Methyl-2-pentanone (Methyl isobutyl ketone) | 0.50   | U         | 0.50  | 0.036 | ppb v/v |   |          | 12/18/20 19:12 | 1       |
| Toluene                                       | 0.20   | U         | 0.20  | 0.11  | ppb v/v |   |          | 12/18/20 19:12 | 1       |
| trans-1,3-Dichloropropene                     | 0.20   | U         | 0.20  | 0.039 | ppb v/v |   |          | 12/18/20 19:12 | 1       |
| 1,1,2-Trichloroethane                         | 0.20   | U         | 0.20  | 0.036 | ppb v/v |   |          | 12/18/20 19:12 | 1       |
| Tetrachloroethene                             | 0.20   | U         | 0.20  | 0.033 | ppb v/v |   |          | 12/18/20 19:12 | 1       |
| Methyl Butyl Ketone (2-Hexanone)              | 0.50   | U         | 0.50  | 0.048 | ppb v/v |   |          | 12/18/20 19:12 | 1       |
| Dibromochloromethane                          | 0.20   | U         | 0.20  | 0.036 | ppb v/v |   |          | 12/18/20 19:12 | 1       |
| 1,2-Dibromoethane                             | 0.20   | U         | 0.20  | 0.049 | ppb v/v |   |          | 12/18/20 19:12 | 1       |
| Chlorobenzene                                 | 0.20   | U         | 0.20  | 0.056 | ppb v/v |   |          | 12/18/20 19:12 | 1       |
| Ethylbenzene                                  | 0.20   | U         | 0.20  | 0.063 | ppb v/v |   |          | 12/18/20 19:12 | 1       |
| m,p-Xylene                                    | 0.50   | U         | 0.50  | 0.10  | ppb v/v |   |          | 12/18/20 19:12 | 1       |
| o-Xylene                                      | 0.20   | U         | 0.20  | 0.048 | ppb v/v |   |          | 12/18/20 19:12 | 1       |
| Styrene                                       | 0.20   | U         | 0.20  | 0.040 | ppb v/v |   |          | 12/18/20 19:12 | 1       |

Eurofins TestAmerica, Burlington

# Client Sample Results

Client: Stantec Consulting Services Inc  
Project/Site: Easton Cooper Industries

Job ID: 200-56451-1  
SDG: 200-56451-1

**Client Sample ID: TRIP BLANK**

**Lab Sample ID: 200-56451-8**

**Date Collected: 12/09/20 00:00**

**Matrix: Air**

**Date Received: 12/10/20 10:35**

**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 |
|---------------------------|--------|-----------|------|-------|---------|---|----------|----------------|---------|
| Bromoform                 | 0.20   | U         | 0.20 | 0.048 | ppb v/v |   |          | 12/18/20 19:12 | 1       |
| Cumene                    | 0.20   | U         | 0.20 | 0.035 | ppb v/v |   |          | 12/18/20 19:12 | 1       |
| 1,1,2,2-Tetrachloroethane | 0.20   | U         | 0.20 | 0.042 | ppb v/v |   |          | 12/18/20 19:12 | 1       |
| n-Propylbenzene           | 0.20   | U         | 0.20 | 0.039 | ppb v/v |   |          | 12/18/20 19:12 | 1       |
| 4-Ethyltoluene            | 0.20   | U         | 0.20 | 0.041 | ppb v/v |   |          | 12/18/20 19:12 | 1       |
| 1,3,5-Trimethylbenzene    | 0.20   | U         | 0.20 | 0.039 | ppb v/v |   |          | 12/18/20 19:12 | 1       |
| 2-Chlorotoluene           | 0.20   | U         | 0.20 | 0.042 | ppb v/v |   |          | 12/18/20 19:12 | 1       |
| tert-Butylbenzene         | 0.20   | U         | 0.20 | 0.035 | ppb v/v |   |          | 12/18/20 19:12 | 1       |
| 1,2,4-Trimethylbenzene    | 0.20   | U         | 0.20 | 0.044 | ppb v/v |   |          | 12/18/20 19:12 | 1       |
| sec-Butylbenzene          | 0.20   | U         | 0.20 | 0.035 | ppb v/v |   |          | 12/18/20 19:12 | 1       |
| 4-Isopropyltoluene        | 0.20   | U         | 0.20 | 0.039 | ppb v/v |   |          | 12/18/20 19:12 | 1       |
| 1,3-Dichlorobenzene       | 0.20   | U         | 0.20 | 0.11  | ppb v/v |   |          | 12/18/20 19:12 | 1       |
| 1,4-Dichlorobenzene       | 0.20   | U         | 0.20 | 0.12  | ppb v/v |   |          | 12/18/20 19:12 | 1       |
| Benzyl chloride           | 0.20   | U         | 0.20 | 0.085 | ppb v/v |   |          | 12/18/20 19:12 | 1       |
| n-Butylbenzene            | 0.20   | U         | 0.20 | 0.039 | ppb v/v |   |          | 12/18/20 19:12 | 1       |
| 1,2-Dichlorobenzene       | 0.20   | U         | 0.20 | 0.097 | ppb v/v |   |          | 12/18/20 19:12 | 1       |
| 1,2,4-Trichlorobenzene    | 0.50   | U         | 0.50 | 0.22  | ppb v/v |   |          | 12/18/20 19:12 | 1       |
| Hexachlorobutadiene       | 0.20   | U         | 0.20 | 0.076 | ppb v/v |   |          | 12/18/20 19:12 | 1       |
| Naphthalene               | 0.50   | U         | 0.50 | 0.17  | ppb v/v |   |          | 12/18/20 19:12 | 1       |

# Default Detection Limits

Client: Stantec Consulting Services Inc  
Project/Site: Easton Cooper Industries

Job ID: 200-56451-1  
SDG: 200-56451-1

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

| Analyte                                       | RL    | MDL   | Units   |
|-----------------------------------------------|-------|-------|---------|
| 1,1,1-Trichloroethane                         | 1.1   | 0.20  | ug/m3   |
| 1,1,1-Trichloroethane                         | 0.20  | 0.036 | ppb v/v |
| 1,1,2,2-Tetrachloroethane                     | 1.4   | 0.29  | ug/m3   |
| 1,1,2,2-Tetrachloroethane                     | 0.20  | 0.042 | ppb v/v |
| 1,1,2-Trichloroethane                         | 1.1   | 0.20  | ug/m3   |
| 1,1,2-Trichloroethane                         | 0.20  | 0.036 | ppb v/v |
| 1,1,2-Trichlorotrifluoroethane                | 1.5   | 0.29  | ug/m3   |
| 1,1,2-Trichlorotrifluoroethane                | 0.20  | 0.038 | ppb v/v |
| 1,1-Dichloroethane                            | 0.81  | 0.17  | ug/m3   |
| 1,1-Dichloroethane                            | 0.20  | 0.041 | ppb v/v |
| 1,1-Dichloroethene                            | 0.20  | 0.15  | ug/m3   |
| 1,1-Dichloroethene                            | 0.050 | 0.039 | ppb v/v |
| 1,2,4-Trichlorobenzene                        | 3.7   | 1.6   | ug/m3   |
| 1,2,4-Trichlorobenzene                        | 0.50  | 0.22  | ppb v/v |
| 1,2,4-Trimethylbenzene                        | 0.98  | 0.22  | ug/m3   |
| 1,2,4-Trimethylbenzene                        | 0.20  | 0.044 | ppb v/v |
| 1,2-Dibromoethane                             | 1.5   | 0.38  | ug/m3   |
| 1,2-Dibromoethane                             | 0.20  | 0.049 | ppb v/v |
| 1,2-Dichlorobenzene                           | 1.2   | 0.58  | ug/m3   |
| 1,2-Dichlorobenzene                           | 0.20  | 0.097 | ppb v/v |
| 1,2-Dichloroethane                            | 0.81  | 0.13  | ug/m3   |
| 1,2-Dichloroethane                            | 0.20  | 0.032 | ppb v/v |
| 1,2-Dichloropropane                           | 0.92  | 0.15  | ug/m3   |
| 1,2-Dichloropropane                           | 0.20  | 0.033 | ppb v/v |
| 1,2-Dichlorotetrafluoroethane                 | 1.4   | 0.24  | ug/m3   |
| 1,2-Dichlorotetrafluoroethane                 | 0.20  | 0.035 | ppb v/v |
| 1,3,5-Trimethylbenzene                        | 0.98  | 0.19  | ug/m3   |
| 1,3,5-Trimethylbenzene                        | 0.20  | 0.039 | ppb v/v |
| 1,3-Butadiene                                 | 0.44  | 0.13  | ug/m3   |
| 1,3-Butadiene                                 | 0.20  | 0.057 | ppb v/v |
| 1,3-Dichlorobenzene                           | 1.2   | 0.66  | ug/m3   |
| 1,3-Dichlorobenzene                           | 0.20  | 0.11  | ppb v/v |
| 1,4-Dichlorobenzene                           | 1.2   | 0.72  | ug/m3   |
| 1,4-Dichlorobenzene                           | 0.20  | 0.12  | ppb v/v |
| 1,4-Dioxane                                   | 18    | 0.30  | ug/m3   |
| 1,4-Dioxane                                   | 5.0   | 0.084 | ppb v/v |
| 2,2,4-Trimethylpentane                        | 0.93  | 0.19  | ug/m3   |
| 2,2,4-Trimethylpentane                        | 0.20  | 0.041 | ppb v/v |
| 2-Chlorotoluene                               | 1.0   | 0.22  | ug/m3   |
| 2-Chlorotoluene                               | 0.20  | 0.042 | ppb v/v |
| 3-Chloropropene                               | 1.6   | 0.20  | ug/m3   |
| 3-Chloropropene                               | 0.50  | 0.064 | ppb v/v |
| 4-Ethyltoluene                                | 0.98  | 0.20  | ug/m3   |
| 4-Ethyltoluene                                | 0.20  | 0.041 | ppb v/v |
| 4-Isopropyltoluene                            | 1.1   | 0.21  | ug/m3   |
| 4-Isopropyltoluene                            | 0.20  | 0.039 | ppb v/v |
| 4-Methyl-2-pentanone (Methyl isobutyl ketone) | 2.0   | 0.15  | ug/m3   |
| 4-Methyl-2-pentanone (Methyl isobutyl ketone) | 0.50  | 0.036 | ppb v/v |
| Acetone                                       | 12    | 2.9   | ug/m3   |
| Acetone                                       | 5.0   | 1.2   | ppb v/v |
| Benzene                                       | 0.64  | 0.21  | ug/m3   |
| Benzene                                       | 0.20  | 0.067 | ppb v/v |
| Benzyl chloride                               | 1.0   | 0.44  | ug/m3   |



# Default Detection Limits

Client: Stantec Consulting Services Inc  
Project/Site: Easton Cooper Industries

Job ID: 200-56451-1  
SDG: 200-56451-1

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

| Analyte                          | RL    | MDL   | Units   |
|----------------------------------|-------|-------|---------|
| Benzyl chloride                  | 0.20  | 0.085 | ppb v/v |
| Bromodichloromethane             | 1.3   | 0.23  | ug/m3   |
| Bromodichloromethane             | 0.20  | 0.035 | ppb v/v |
| Bromoethene(Vinyl Bromide)       | 0.87  | 0.23  | ug/m3   |
| Bromoethene(Vinyl Bromide)       | 0.20  | 0.052 | ppb v/v |
| Bromoform                        | 2.1   | 0.50  | ug/m3   |
| Bromoform                        | 0.20  | 0.048 | ppb v/v |
| Bromomethane                     | 0.78  | 0.20  | ug/m3   |
| Bromomethane                     | 0.20  | 0.051 | ppb v/v |
| Carbon disulfide                 | 1.6   | 0.23  | ug/m3   |
| Carbon disulfide                 | 0.50  | 0.074 | ppb v/v |
| Carbon tetrachloride             | 0.22  | 0.15  | ug/m3   |
| Carbon tetrachloride             | 0.035 | 0.024 | ppb v/v |
| Chlorobenzene                    | 0.92  | 0.26  | ug/m3   |
| Chlorobenzene                    | 0.20  | 0.056 | ppb v/v |
| Chlorodifluoromethane            | 1.8   | 0.42  | ug/m3   |
| Chlorodifluoromethane            | 0.50  | 0.12  | ppb v/v |
| Chloroethane                     | 1.3   | 0.14  | ug/m3   |
| Chloroethane                     | 0.50  | 0.054 | ppb v/v |
| Chloroform                       | 0.98  | 0.16  | ug/m3   |
| Chloroform                       | 0.20  | 0.032 | ppb v/v |
| Chloromethane                    | 1.0   | 0.23  | ug/m3   |
| Chloromethane                    | 0.50  | 0.11  | ppb v/v |
| cis-1,2-Dichloroethene           | 0.20  | 0.18  | ug/m3   |
| cis-1,2-Dichloroethene           | 0.050 | 0.045 | ppb v/v |
| cis-1,3-Dichloropropene          | 0.91  | 0.15  | ug/m3   |
| cis-1,3-Dichloropropene          | 0.20  | 0.032 | ppb v/v |
| Cumene                           | 0.98  | 0.17  | ug/m3   |
| Cumene                           | 0.20  | 0.035 | ppb v/v |
| Cyclohexane                      | 0.69  | 0.16  | ug/m3   |
| Cyclohexane                      | 0.20  | 0.046 | ppb v/v |
| Dibromochloromethane             | 1.7   | 0.31  | ug/m3   |
| Dibromochloromethane             | 0.20  | 0.036 | ppb v/v |
| Dichlorodifluoromethane          | 2.5   | 0.54  | ug/m3   |
| Dichlorodifluoromethane          | 0.50  | 0.11  | ppb v/v |
| Ethylbenzene                     | 0.87  | 0.27  | ug/m3   |
| Ethylbenzene                     | 0.20  | 0.063 | ppb v/v |
| Hexachlorobutadiene              | 2.1   | 0.81  | ug/m3   |
| Hexachlorobutadiene              | 0.20  | 0.076 | ppb v/v |
| Isopropyl alcohol                | 12    | 1.2   | ug/m3   |
| Isopropyl alcohol                | 5.0   | 0.48  | ppb v/v |
| m,p-Xylene                       | 2.2   | 0.43  | ug/m3   |
| m,p-Xylene                       | 0.50  | 0.10  | ppb v/v |
| Methyl Butyl Ketone (2-Hexanone) | 2.0   | 0.20  | ug/m3   |
| Methyl Butyl Ketone (2-Hexanone) | 0.50  | 0.048 | ppb v/v |
| Methyl Ethyl Ketone (2-Butanone) | 1.5   | 0.21  | ug/m3   |
| Methyl Ethyl Ketone (2-Butanone) | 0.50  | 0.072 | ppb v/v |
| Methyl methacrylate              | 2.0   | 0.14  | ug/m3   |
| Methyl methacrylate              | 0.50  | 0.033 | ppb v/v |
| Methyl tert-butyl ether          | 0.72  | 0.12  | ug/m3   |
| Methyl tert-butyl ether          | 0.20  | 0.033 | ppb v/v |
| Methylene Chloride               | 1.7   | 0.94  | ug/m3   |
| Methylene Chloride               | 0.50  | 0.27  | ppb v/v |

# Default Detection Limits

Client: Stantec Consulting Services Inc  
Project/Site: Easton Cooper Industries

Job ID: 200-56451-1  
SDG: 200-56451-1

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

| Analyte                   | RL    | MDL   | Units   |
|---------------------------|-------|-------|---------|
| Naphthalene               | 2.6   | 0.89  | ug/m3   |
| Naphthalene               | 0.50  | 0.17  | ppb v/v |
| n-Butane                  | 1.2   | 0.26  | ug/m3   |
| n-Butane                  | 0.50  | 0.11  | ppb v/v |
| n-Butylbenzene            | 1.1   | 0.21  | ug/m3   |
| n-Butylbenzene            | 0.20  | 0.039 | ppb v/v |
| n-Heptane                 | 0.82  | 0.23  | ug/m3   |
| n-Heptane                 | 0.20  | 0.056 | ppb v/v |
| n-Hexane                  | 0.70  | 0.70  | ug/m3   |
| n-Hexane                  | 0.20  | 0.20  | ppb v/v |
| n-Propylbenzene           | 0.98  | 0.19  | ug/m3   |
| n-Propylbenzene           | 0.20  | 0.039 | ppb v/v |
| o-Xylene                  | 0.87  | 0.21  | ug/m3   |
| o-Xylene                  | 0.20  | 0.048 | ppb v/v |
| sec-Butylbenzene          | 1.1   | 0.19  | ug/m3   |
| sec-Butylbenzene          | 0.20  | 0.035 | ppb v/v |
| Styrene                   | 0.85  | 0.17  | ug/m3   |
| Styrene                   | 0.20  | 0.040 | ppb v/v |
| tert-Butyl alcohol        | 15    | 0.12  | ug/m3   |
| tert-Butyl alcohol        | 5.0   | 0.038 | ppb v/v |
| tert-Butylbenzene         | 1.1   | 0.19  | ug/m3   |
| tert-Butylbenzene         | 0.20  | 0.035 | ppb v/v |
| Tetrachloroethene         | 1.4   | 0.22  | ug/m3   |
| Tetrachloroethene         | 0.20  | 0.033 | ppb v/v |
| Tetrahydrofuran           | 15    | 0.19  | ug/m3   |
| Tetrahydrofuran           | 5.0   | 0.066 | ppb v/v |
| Toluene                   | 0.75  | 0.41  | ug/m3   |
| Toluene                   | 0.20  | 0.11  | ppb v/v |
| trans-1,2-Dichloroethene  | 0.79  | 0.17  | ug/m3   |
| trans-1,2-Dichloroethene  | 0.20  | 0.042 | ppb v/v |
| trans-1,3-Dichloropropene | 0.91  | 0.18  | ug/m3   |
| trans-1,3-Dichloropropene | 0.20  | 0.039 | ppb v/v |
| Trichloroethene           | 0.20  | 0.19  | ug/m3   |
| Trichloroethene           | 0.037 | 0.035 | ppb v/v |
| Trichlorofluoromethane    | 1.1   | 0.34  | ug/m3   |
| Trichlorofluoromethane    | 0.20  | 0.060 | ppb v/v |
| Vinyl chloride            | 0.20  | 0.11  | ug/m3   |
| Vinyl chloride            | 0.078 | 0.044 | ppb v/v |

# QC Sample Results

Client: Stantec Consulting Services Inc  
Project/Site: Easton Cooper Industries

Job ID: 200-56451-1  
SDG: 200-56451-1

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

Lab Sample ID: MB 200-162240/4

Matrix: Air

Analysis Batch: 162240

Client Sample ID: Method Blank

Prep Type: Total/NA

| Analyte                                       | MB<br>Result | MB<br>Qualifier | RL   | MDL  | Unit  | D | Prepared | Analyzed       | Dil Fac |
|-----------------------------------------------|--------------|-----------------|------|------|-------|---|----------|----------------|---------|
| Dichlorodifluoromethane                       | 2.5          | U               | 2.5  | 0.54 | ug/m3 |   |          | 12/18/20 11:08 | 1       |
| Chlorodifluoromethane                         | 1.8          | U               | 1.8  | 0.42 | ug/m3 |   |          | 12/18/20 11:08 | 1       |
| 1,2-Dichlorotetrafluoroethane                 | 1.4          | U               | 1.4  | 0.24 | ug/m3 |   |          | 12/18/20 11:08 | 1       |
| Chloromethane                                 | 1.0          | U               | 1.0  | 0.23 | ug/m3 |   |          | 12/18/20 11:08 | 1       |
| n-Butane                                      | 1.2          | U               | 1.2  | 0.26 | ug/m3 |   |          | 12/18/20 11:08 | 1       |
| Vinyl chloride                                | 0.20         | U               | 0.20 | 0.11 | ug/m3 |   |          | 12/18/20 11:08 | 1       |
| 1,3-Butadiene                                 | 0.44         | U               | 0.44 | 0.13 | ug/m3 |   |          | 12/18/20 11:08 | 1       |
| Bromomethane                                  | 0.78         | U               | 0.78 | 0.20 | ug/m3 |   |          | 12/18/20 11:08 | 1       |
| Chloroethane                                  | 1.3          | U               | 1.3  | 0.14 | ug/m3 |   |          | 12/18/20 11:08 | 1       |
| Bromoethene(Vinyl Bromide)                    | 0.87         | U               | 0.87 | 0.23 | ug/m3 |   |          | 12/18/20 11:08 | 1       |
| Trichlorofluoromethane                        | 1.1          | U               | 1.1  | 0.34 | ug/m3 |   |          | 12/18/20 11:08 | 1       |
| 1,1,2-Trichlorotrifluoroethane                | 1.5          | U               | 1.5  | 0.29 | ug/m3 |   |          | 12/18/20 11:08 | 1       |
| 1,1-Dichloroethene                            | 0.20         | U               | 0.20 | 0.15 | ug/m3 |   |          | 12/18/20 11:08 | 1       |
| Acetone                                       | 12           | U               | 12   | 2.9  | ug/m3 |   |          | 12/18/20 11:08 | 1       |
| Isopropyl alcohol                             | 12           | U               | 12   | 1.2  | ug/m3 |   |          | 12/18/20 11:08 | 1       |
| Carbon disulfide                              | 1.6          | U               | 1.6  | 0.23 | ug/m3 |   |          | 12/18/20 11:08 | 1       |
| 3-Chloropropene                               | 1.6          | U               | 1.6  | 0.20 | ug/m3 |   |          | 12/18/20 11:08 | 1       |
| Methylene Chloride                            | 1.7          | U               | 1.7  | 0.94 | ug/m3 |   |          | 12/18/20 11:08 | 1       |
| tert-Butyl alcohol                            | 15           | U               | 15   | 0.12 | ug/m3 |   |          | 12/18/20 11:08 | 1       |
| Methyl tert-butyl ether                       | 0.72         | U               | 0.72 | 0.12 | ug/m3 |   |          | 12/18/20 11:08 | 1       |
| trans-1,2-Dichloroethene                      | 0.79         | U               | 0.79 | 0.17 | ug/m3 |   |          | 12/18/20 11:08 | 1       |
| n-Hexane                                      | 0.70         | U               | 0.70 | 0.70 | ug/m3 |   |          | 12/18/20 11:08 | 1       |
| 1,1-Dichloroethane                            | 0.81         | U               | 0.81 | 0.17 | ug/m3 |   |          | 12/18/20 11:08 | 1       |
| Methyl Ethyl Ketone (2-Butanone)              | 1.5          | U               | 1.5  | 0.21 | ug/m3 |   |          | 12/18/20 11:08 | 1       |
| cis-1,2-Dichloroethene                        | 0.20         | U               | 0.20 | 0.18 | ug/m3 |   |          | 12/18/20 11:08 | 1       |
| Chloroform                                    | 0.98         | U               | 0.98 | 0.16 | ug/m3 |   |          | 12/18/20 11:08 | 1       |
| Tetrahydrofuran                               | 15           | U               | 15   | 0.19 | ug/m3 |   |          | 12/18/20 11:08 | 1       |
| 1,1,1-Trichloroethane                         | 1.1          | U               | 1.1  | 0.20 | ug/m3 |   |          | 12/18/20 11:08 | 1       |
| Cyclohexane                                   | 0.69         | U               | 0.69 | 0.16 | ug/m3 |   |          | 12/18/20 11:08 | 1       |
| Carbon tetrachloride                          | 0.22         | U               | 0.22 | 0.15 | ug/m3 |   |          | 12/18/20 11:08 | 1       |
| 2,2,4-Trimethylpentane                        | 0.93         | U               | 0.93 | 0.19 | ug/m3 |   |          | 12/18/20 11:08 | 1       |
| Benzene                                       | 0.64         | U               | 0.64 | 0.21 | ug/m3 |   |          | 12/18/20 11:08 | 1       |
| 1,2-Dichloroethane                            | 0.81         | U               | 0.81 | 0.13 | ug/m3 |   |          | 12/18/20 11:08 | 1       |
| n-Heptane                                     | 0.82         | U               | 0.82 | 0.23 | ug/m3 |   |          | 12/18/20 11:08 | 1       |
| Trichloroethene                               | 0.20         | U               | 0.20 | 0.19 | ug/m3 |   |          | 12/18/20 11:08 | 1       |
| Methyl methacrylate                           | 2.0          | U               | 2.0  | 0.14 | ug/m3 |   |          | 12/18/20 11:08 | 1       |
| 1,2-Dichloropropane                           | 0.92         | U               | 0.92 | 0.15 | ug/m3 |   |          | 12/18/20 11:08 | 1       |
| 1,4-Dioxane                                   | 18           | U               | 18   | 0.30 | ug/m3 |   |          | 12/18/20 11:08 | 1       |
| Bromodichloromethane                          | 1.3          | U               | 1.3  | 0.23 | ug/m3 |   |          | 12/18/20 11:08 | 1       |
| cis-1,3-Dichloropropene                       | 0.91         | U               | 0.91 | 0.15 | ug/m3 |   |          | 12/18/20 11:08 | 1       |
| 4-Methyl-2-pentanone (Methyl isobutyl ketone) | 2.0          | U               | 2.0  | 0.15 | ug/m3 |   |          | 12/18/20 11:08 | 1       |
| Toluene                                       | 0.75         | U               | 0.75 | 0.41 | ug/m3 |   |          | 12/18/20 11:08 | 1       |
| trans-1,3-Dichloropropene                     | 0.91         | U               | 0.91 | 0.18 | ug/m3 |   |          | 12/18/20 11:08 | 1       |
| 1,1,2-Trichloroethane                         | 1.1          | U               | 1.1  | 0.20 | ug/m3 |   |          | 12/18/20 11:08 | 1       |
| Tetrachloroethene                             | 1.4          | U               | 1.4  | 0.22 | ug/m3 |   |          | 12/18/20 11:08 | 1       |
| Methyl Butyl Ketone (2-Hexanone)              | 2.0          | U               | 2.0  | 0.20 | ug/m3 |   |          | 12/18/20 11:08 | 1       |
| Dibromochloromethane                          | 1.7          | U               | 1.7  | 0.31 | ug/m3 |   |          | 12/18/20 11:08 | 1       |
| 1,2-Dibromoethane                             | 1.5          | U               | 1.5  | 0.38 | ug/m3 |   |          | 12/18/20 11:08 | 1       |

Eurofins TestAmerica, Burlington

# QC Sample Results

Client: Stantec Consulting Services Inc  
Project/Site: Easton Cooper Industries

Job ID: 200-56451-1  
SDG: 200-56451-1

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

Lab Sample ID: MB 200-162240/4

Matrix: Air

Analysis Batch: 162240

Client Sample ID: Method Blank

Prep Type: Total/NA

| Analyte                   | MB Result | MB Qualifier | RL   | MDL  | Unit  | D | Prepared | Analyzed       | Dil Fac |
|---------------------------|-----------|--------------|------|------|-------|---|----------|----------------|---------|
| Chlorobenzene             | 0.92      | U            | 0.92 | 0.26 | ug/m3 |   |          | 12/18/20 11:08 | 1       |
| Ethylbenzene              | 0.87      | U            | 0.87 | 0.27 | ug/m3 |   |          | 12/18/20 11:08 | 1       |
| m,p-Xylene                | 2.2       | U            | 2.2  | 0.43 | ug/m3 |   |          | 12/18/20 11:08 | 1       |
| o-Xylene                  | 0.87      | U            | 0.87 | 0.21 | ug/m3 |   |          | 12/18/20 11:08 | 1       |
| Styrene                   | 0.85      | U            | 0.85 | 0.17 | ug/m3 |   |          | 12/18/20 11:08 | 1       |
| Bromoform                 | 2.1       | U            | 2.1  | 0.50 | ug/m3 |   |          | 12/18/20 11:08 | 1       |
| Cumene                    | 0.98      | U            | 0.98 | 0.17 | ug/m3 |   |          | 12/18/20 11:08 | 1       |
| 1,1,2,2-Tetrachloroethane | 1.4       | U            | 1.4  | 0.29 | ug/m3 |   |          | 12/18/20 11:08 | 1       |
| n-Propylbenzene           | 0.98      | U            | 0.98 | 0.19 | ug/m3 |   |          | 12/18/20 11:08 | 1       |
| 4-Ethyltoluene            | 0.98      | U            | 0.98 | 0.20 | ug/m3 |   |          | 12/18/20 11:08 | 1       |
| 1,3,5-Trimethylbenzene    | 0.98      | U            | 0.98 | 0.19 | ug/m3 |   |          | 12/18/20 11:08 | 1       |
| 2-Chlorotoluene           | 1.0       | U            | 1.0  | 0.22 | ug/m3 |   |          | 12/18/20 11:08 | 1       |
| tert-Butylbenzene         | 1.1       | U            | 1.1  | 0.19 | ug/m3 |   |          | 12/18/20 11:08 | 1       |
| 1,2,4-Trimethylbenzene    | 0.98      | U            | 0.98 | 0.22 | ug/m3 |   |          | 12/18/20 11:08 | 1       |
| sec-Butylbenzene          | 1.1       | U            | 1.1  | 0.19 | ug/m3 |   |          | 12/18/20 11:08 | 1       |
| 4-Isopropyltoluene        | 1.1       | U            | 1.1  | 0.21 | ug/m3 |   |          | 12/18/20 11:08 | 1       |
| 1,3-Dichlorobenzene       | 1.2       | U            | 1.2  | 0.66 | ug/m3 |   |          | 12/18/20 11:08 | 1       |
| 1,4-Dichlorobenzene       | 1.2       | U            | 1.2  | 0.72 | ug/m3 |   |          | 12/18/20 11:08 | 1       |
| Benzyl chloride           | 1.0       | U            | 1.0  | 0.44 | ug/m3 |   |          | 12/18/20 11:08 | 1       |
| n-Butylbenzene            | 1.1       | U            | 1.1  | 0.21 | ug/m3 |   |          | 12/18/20 11:08 | 1       |
| 1,2-Dichlorobenzene       | 1.2       | U            | 1.2  | 0.58 | ug/m3 |   |          | 12/18/20 11:08 | 1       |
| 1,2,4-Trichlorobenzene    | 3.7       | U            | 3.7  | 1.6  | ug/m3 |   |          | 12/18/20 11:08 | 1       |
| Hexachlorobutadiene       | 2.1       | U            | 2.1  | 0.81 | ug/m3 |   |          | 12/18/20 11:08 | 1       |
| Naphthalene               | 2.6       | U            | 2.6  | 0.89 | ug/m3 |   |          | 12/18/20 11:08 | 1       |

| Analyte                        | MB Result | MB Qualifier | RL    | MDL   | Unit    | D | Prepared | Analyzed       | Dil Fac |
|--------------------------------|-----------|--------------|-------|-------|---------|---|----------|----------------|---------|
| Dichlorodifluoromethane        | 0.50      | U            | 0.50  | 0.11  | ppb v/v |   |          | 12/18/20 11:08 | 1       |
| Chlorodifluoromethane          | 0.50      | U            | 0.50  | 0.12  | ppb v/v |   |          | 12/18/20 11:08 | 1       |
| 1,2-Dichlorotetrafluoroethane  | 0.20      | U            | 0.20  | 0.035 | ppb v/v |   |          | 12/18/20 11:08 | 1       |
| Chloromethane                  | 0.50      | U            | 0.50  | 0.11  | ppb v/v |   |          | 12/18/20 11:08 | 1       |
| n-Butane                       | 0.50      | U            | 0.50  | 0.11  | ppb v/v |   |          | 12/18/20 11:08 | 1       |
| Vinyl chloride                 | 0.078     | U            | 0.078 | 0.044 | ppb v/v |   |          | 12/18/20 11:08 | 1       |
| 1,3-Butadiene                  | 0.20      | U            | 0.20  | 0.057 | ppb v/v |   |          | 12/18/20 11:08 | 1       |
| Bromomethane                   | 0.20      | U            | 0.20  | 0.051 | ppb v/v |   |          | 12/18/20 11:08 | 1       |
| Chloroethane                   | 0.50      | U            | 0.50  | 0.054 | ppb v/v |   |          | 12/18/20 11:08 | 1       |
| Bromoethene(Vinyl Bromide)     | 0.20      | U            | 0.20  | 0.052 | ppb v/v |   |          | 12/18/20 11:08 | 1       |
| Trichlorofluoromethane         | 0.20      | U            | 0.20  | 0.060 | ppb v/v |   |          | 12/18/20 11:08 | 1       |
| 1,1,2-Trichlorotrifluoroethane | 0.20      | U            | 0.20  | 0.038 | ppb v/v |   |          | 12/18/20 11:08 | 1       |
| 1,1-Dichloroethene             | 0.050     | U            | 0.050 | 0.039 | ppb v/v |   |          | 12/18/20 11:08 | 1       |
| Acetone                        | 5.0       | U            | 5.0   | 1.2   | ppb v/v |   |          | 12/18/20 11:08 | 1       |
| Isopropyl alcohol              | 5.0       | U            | 5.0   | 0.48  | ppb v/v |   |          | 12/18/20 11:08 | 1       |
| Carbon disulfide               | 0.50      | U            | 0.50  | 0.074 | ppb v/v |   |          | 12/18/20 11:08 | 1       |
| 3-Chloropropene                | 0.50      | U            | 0.50  | 0.064 | ppb v/v |   |          | 12/18/20 11:08 | 1       |
| Methylene Chloride             | 0.50      | U            | 0.50  | 0.27  | ppb v/v |   |          | 12/18/20 11:08 | 1       |
| tert-Butyl alcohol             | 5.0       | U            | 5.0   | 0.038 | ppb v/v |   |          | 12/18/20 11:08 | 1       |
| Methyl tert-butyl ether        | 0.20      | U            | 0.20  | 0.033 | ppb v/v |   |          | 12/18/20 11:08 | 1       |
| trans-1,2-Dichloroethene       | 0.20      | U            | 0.20  | 0.042 | ppb v/v |   |          | 12/18/20 11:08 | 1       |
| n-Hexane                       | 0.20      | U            | 0.20  | 0.20  | ppb v/v |   |          | 12/18/20 11:08 | 1       |
| 1,1-Dichloroethane             | 0.20      | U            | 0.20  | 0.041 | ppb v/v |   |          | 12/18/20 11:08 | 1       |

Eurofins TestAmerica, Burlington

# QC Sample Results

Client: Stantec Consulting Services Inc  
Project/Site: Easton Cooper Industries

Job ID: 200-56451-1  
SDG: 200-56451-1

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

Lab Sample ID: MB 200-162240/4

Matrix: Air

Analysis Batch: 162240

Client Sample ID: Method Blank

Prep Type: Total/NA

| Analyte                                       | MB<br>Result | MB<br>Qualifier | RL    | MDL   | Unit    | D | Prepared | Analyzed       | Dil Fac |
|-----------------------------------------------|--------------|-----------------|-------|-------|---------|---|----------|----------------|---------|
| Methyl Ethyl Ketone (2-Butanone)              | 0.50         | U               | 0.50  | 0.072 | ppb v/v |   |          | 12/18/20 11:08 | 1       |
| cis-1,2-Dichloroethene                        | 0.050        | U               | 0.050 | 0.045 | ppb v/v |   |          | 12/18/20 11:08 | 1       |
| Chloroform                                    | 0.20         | U               | 0.20  | 0.032 | ppb v/v |   |          | 12/18/20 11:08 | 1       |
| Tetrahydrofuran                               | 5.0          | U               | 5.0   | 0.066 | ppb v/v |   |          | 12/18/20 11:08 | 1       |
| 1,1,1-Trichloroethane                         | 0.20         | U               | 0.20  | 0.036 | ppb v/v |   |          | 12/18/20 11:08 | 1       |
| Cyclohexane                                   | 0.20         | U               | 0.20  | 0.046 | ppb v/v |   |          | 12/18/20 11:08 | 1       |
| Carbon tetrachloride                          | 0.035        | U               | 0.035 | 0.024 | ppb v/v |   |          | 12/18/20 11:08 | 1       |
| 2,2,4-Trimethylpentane                        | 0.20         | U               | 0.20  | 0.041 | ppb v/v |   |          | 12/18/20 11:08 | 1       |
| Benzene                                       | 0.20         | U               | 0.20  | 0.067 | ppb v/v |   |          | 12/18/20 11:08 | 1       |
| 1,2-Dichloroethane                            | 0.20         | U               | 0.20  | 0.032 | ppb v/v |   |          | 12/18/20 11:08 | 1       |
| n-Heptane                                     | 0.20         | U               | 0.20  | 0.056 | ppb v/v |   |          | 12/18/20 11:08 | 1       |
| Trichloroethene                               | 0.037        | U               | 0.037 | 0.035 | ppb v/v |   |          | 12/18/20 11:08 | 1       |
| Methyl methacrylate                           | 0.50         | U               | 0.50  | 0.033 | ppb v/v |   |          | 12/18/20 11:08 | 1       |
| 1,2-Dichloropropane                           | 0.20         | U               | 0.20  | 0.033 | ppb v/v |   |          | 12/18/20 11:08 | 1       |
| 1,4-Dioxane                                   | 5.0          | U               | 5.0   | 0.084 | ppb v/v |   |          | 12/18/20 11:08 | 1       |
| Bromodichloromethane                          | 0.20         | U               | 0.20  | 0.035 | ppb v/v |   |          | 12/18/20 11:08 | 1       |
| cis-1,3-Dichloropropene                       | 0.20         | U               | 0.20  | 0.032 | ppb v/v |   |          | 12/18/20 11:08 | 1       |
| 4-Methyl-2-pentanone (Methyl isobutyl ketone) | 0.50         | U               | 0.50  | 0.036 | ppb v/v |   |          | 12/18/20 11:08 | 1       |
| Toluene                                       | 0.20         | U               | 0.20  | 0.11  | ppb v/v |   |          | 12/18/20 11:08 | 1       |
| trans-1,3-Dichloropropene                     | 0.20         | U               | 0.20  | 0.039 | ppb v/v |   |          | 12/18/20 11:08 | 1       |
| 1,1,2-Trichloroethane                         | 0.20         | U               | 0.20  | 0.036 | ppb v/v |   |          | 12/18/20 11:08 | 1       |
| Tetrachloroethene                             | 0.20         | U               | 0.20  | 0.033 | ppb v/v |   |          | 12/18/20 11:08 | 1       |
| Methyl Butyl Ketone (2-Hexanone)              | 0.50         | U               | 0.50  | 0.048 | ppb v/v |   |          | 12/18/20 11:08 | 1       |
| Dibromochloromethane                          | 0.20         | U               | 0.20  | 0.036 | ppb v/v |   |          | 12/18/20 11:08 | 1       |
| 1,2-Dibromoethane                             | 0.20         | U               | 0.20  | 0.049 | ppb v/v |   |          | 12/18/20 11:08 | 1       |
| Chlorobenzene                                 | 0.20         | U               | 0.20  | 0.056 | ppb v/v |   |          | 12/18/20 11:08 | 1       |
| Ethylbenzene                                  | 0.20         | U               | 0.20  | 0.063 | ppb v/v |   |          | 12/18/20 11:08 | 1       |
| m,p-Xylene                                    | 0.50         | U               | 0.50  | 0.10  | ppb v/v |   |          | 12/18/20 11:08 | 1       |
| o-Xylene                                      | 0.20         | U               | 0.20  | 0.048 | ppb v/v |   |          | 12/18/20 11:08 | 1       |
| Styrene                                       | 0.20         | U               | 0.20  | 0.040 | ppb v/v |   |          | 12/18/20 11:08 | 1       |
| Bromoform                                     | 0.20         | U               | 0.20  | 0.048 | ppb v/v |   |          | 12/18/20 11:08 | 1       |
| Cumene                                        | 0.20         | U               | 0.20  | 0.035 | ppb v/v |   |          | 12/18/20 11:08 | 1       |
| 1,1,2,2-Tetrachloroethane                     | 0.20         | U               | 0.20  | 0.042 | ppb v/v |   |          | 12/18/20 11:08 | 1       |
| n-Propylbenzene                               | 0.20         | U               | 0.20  | 0.039 | ppb v/v |   |          | 12/18/20 11:08 | 1       |
| 4-Ethyltoluene                                | 0.20         | U               | 0.20  | 0.041 | ppb v/v |   |          | 12/18/20 11:08 | 1       |
| 1,3,5-Trimethylbenzene                        | 0.20         | U               | 0.20  | 0.039 | ppb v/v |   |          | 12/18/20 11:08 | 1       |
| 2-Chlorotoluene                               | 0.20         | U               | 0.20  | 0.042 | ppb v/v |   |          | 12/18/20 11:08 | 1       |
| tert-Butylbenzene                             | 0.20         | U               | 0.20  | 0.035 | ppb v/v |   |          | 12/18/20 11:08 | 1       |
| 1,2,4-Trimethylbenzene                        | 0.20         | U               | 0.20  | 0.044 | ppb v/v |   |          | 12/18/20 11:08 | 1       |
| sec-Butylbenzene                              | 0.20         | U               | 0.20  | 0.035 | ppb v/v |   |          | 12/18/20 11:08 | 1       |
| 4-Isopropyltoluene                            | 0.20         | U               | 0.20  | 0.039 | ppb v/v |   |          | 12/18/20 11:08 | 1       |
| 1,3-Dichlorobenzene                           | 0.20         | U               | 0.20  | 0.11  | ppb v/v |   |          | 12/18/20 11:08 | 1       |
| 1,4-Dichlorobenzene                           | 0.20         | U               | 0.20  | 0.12  | ppb v/v |   |          | 12/18/20 11:08 | 1       |
| Benzyl chloride                               | 0.20         | U               | 0.20  | 0.085 | ppb v/v |   |          | 12/18/20 11:08 | 1       |
| n-Butylbenzene                                | 0.20         | U               | 0.20  | 0.039 | ppb v/v |   |          | 12/18/20 11:08 | 1       |
| 1,2-Dichlorobenzene                           | 0.20         | U               | 0.20  | 0.097 | ppb v/v |   |          | 12/18/20 11:08 | 1       |
| 1,2,4-Trichlorobenzene                        | 0.50         | U               | 0.50  | 0.22  | ppb v/v |   |          | 12/18/20 11:08 | 1       |
| Hexachlorobutadiene                           | 0.20         | U               | 0.20  | 0.076 | ppb v/v |   |          | 12/18/20 11:08 | 1       |

# QC Sample Results

Client: Stantec Consulting Services Inc  
Project/Site: Easton Cooper Industries

Job ID: 200-56451-1  
SDG: 200-56451-1

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

Lab Sample ID: MB 200-162240/4

Matrix: Air

Analysis Batch: 162240

Client Sample ID: Method Blank

Prep Type: Total/NA

| Analyte     | MB Result | MB Qualifier | RL   | MDL  | Unit    | D | Prepared | Analyzed       | Dil Fac |
|-------------|-----------|--------------|------|------|---------|---|----------|----------------|---------|
| Naphthalene | 0.50      | U            | 0.50 | 0.17 | ppb v/v |   |          | 12/18/20 11:08 | 1       |

Lab Sample ID: LCS 200-162240/3

Matrix: Air

Analysis Batch: 162240

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

| Analyte                          | Spike Added | LCS Result | LCS Qualifier | Unit  | D | %Rec | %Rec. Limits |
|----------------------------------|-------------|------------|---------------|-------|---|------|--------------|
| Dichlorodifluoromethane          | 52.3        | 50.8       |               | ug/m3 |   | 97   | 61 - 142     |
| Chlorodifluoromethane            | 37.4        | 36.8       |               | ug/m3 |   | 98   | 60 - 147     |
| 1,2-Dichlorotetrafluoroethane    | 74.0        | 73.4       |               | ug/m3 |   | 99   | 71 - 141     |
| Chloromethane                    | 20.5        | 22.8       |               | ug/m3 |   | 111  | 56 - 141     |
| n-Butane                         | 24.5        | 24.6       |               | ug/m3 |   | 100  | 53 - 151     |
| Vinyl chloride                   | 25.5        | 25.4       |               | ug/m3 |   | 99   | 61 - 135     |
| 1,3-Butadiene                    | 21.5        | 19.9       |               | ug/m3 |   | 93   | 58 - 139     |
| Bromomethane                     | 40.4        | 41.6       |               | ug/m3 |   | 103  | 72 - 124     |
| Chloroethane                     | 27.9        | 28.3       |               | ug/m3 |   | 101  | 68 - 130     |
| Bromoethene(Vinyl Bromide)       | 44.0        | 47.2       |               | ug/m3 |   | 107  | 75 - 125     |
| Trichlorofluoromethane           | 58.5        | 56.4       |               | ug/m3 |   | 96   | 70 - 129     |
| 1,1,2-Trichlorotrifluoroethane   | 81.8        | 78.1       |               | ug/m3 |   | 95   | 70 - 121     |
| 1,1-Dichloroethene               | 40.4        | 38.7       |               | ug/m3 |   | 96   | 68 - 120     |
| Acetone                          | 24.8        | 23.9       |               | ug/m3 |   | 96   | 54 - 154     |
| Isopropyl alcohol                | 25.0        | 27.0       |               | ug/m3 |   | 108  | 53 - 142     |
| Carbon disulfide                 | 32.3        | 31.4       |               | ug/m3 |   | 97   | 71 - 138     |
| 3-Chloropropene                  | 33.6        | 24.3       |               | ug/m3 |   | 72   | 50 - 150     |
| Methylene Chloride               | 35.6        | 33.7       |               | ug/m3 |   | 95   | 59 - 137     |
| tert-Butyl alcohol               | 32.7        | 34.7       |               | ug/m3 |   | 106  | 66 - 132     |
| Methyl tert-butyl ether          | 38.1        | 37.9       |               | ug/m3 |   | 100  | 70 - 127     |
| trans-1,2-Dichloroethene         | 40.9        | 39.6       |               | ug/m3 |   | 97   | 69 - 137     |
| n-Hexane                         | 36.9        | 38.3       |               | ug/m3 |   | 104  | 63 - 138     |
| 1,1-Dichloroethane               | 41.6        | 37.4       |               | ug/m3 |   | 90   | 66 - 130     |
| Methyl Ethyl Ketone (2-Butanone) | 30.5        | 30.4       |               | ug/m3 |   | 99   | 72 - 124     |
| cis-1,2-Dichloroethene           | 41.1        | 37.6       |               | ug/m3 |   | 91   | 72 - 121     |
| Chloroform                       | 50.4        | 45.9       |               | ug/m3 |   | 91   | 73 - 124     |
| Tetrahydrofuran                  | 28.9        | 28.2       |               | ug/m3 |   | 98   | 60 - 149     |
| 1,1,1-Trichloroethane            | 56.3        | 50.3       |               | ug/m3 |   | 89   | 72 - 127     |
| Cyclohexane                      | 35.2        | 34.9       |               | ug/m3 |   | 99   | 76 - 124     |
| Carbon tetrachloride             | 63.2        | 57.0       |               | ug/m3 |   | 90   | 71 - 133     |
| 2,2,4-Trimethylpentane           | 47.4        | 49.5       |               | ug/m3 |   | 104  | 68 - 131     |
| Benzene                          | 33.2        | 31.3       |               | ug/m3 |   | 94   | 73 - 119     |
| 1,2-Dichloroethane               | 42.3        | 37.1       |               | ug/m3 |   | 88   | 68 - 135     |
| n-Heptane                        | 42.2        | 42.1       |               | ug/m3 |   | 100  | 60 - 142     |
| Trichloroethene                  | 55.3        | 50.0       |               | ug/m3 |   | 90   | 73 - 122     |
| Methyl methacrylate              | 41.8        | 43.8       |               | ug/m3 |   | 105  | 73 - 129     |
| 1,2-Dichloropropane              | 47.8        | 45.9       |               | ug/m3 |   | 96   | 69 - 128     |
| 1,4-Dioxane                      | 37.1        | 40.2       |               | ug/m3 |   | 108  | 66 - 129     |
| Bromodichloromethane             | 68.9        | 67.2       |               | ug/m3 |   | 98   | 75 - 127     |
| cis-1,3-Dichloropropene          | 45.1        | 48.5       |               | ug/m3 |   | 108  | 74 - 125     |

Eurofins TestAmerica, Burlington



# QC Sample Results

Client: Stantec Consulting Services Inc  
Project/Site: Easton Cooper Industries

Job ID: 200-56451-1  
SDG: 200-56451-1

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

Lab Sample ID: LCS 200-162240/3

Matrix: Air

Analysis Batch: 162240

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) | 41.7        | 42.1       |               | ug/m3   |   | 101  | 58 - 144     |
| Toluene                                       | 38.4        | 38.6       |               | ug/m3   |   | 100  | 75 - 122     |
| trans-1,3-Dichloropropene                     | 44.7        | 44.8       |               | ug/m3   |   | 100  | 74 - 128     |
| 1,1,2-Trichloroethane                         | 57.2        | 54.4       |               | ug/m3   |   | 95   | 75 - 126     |
| Tetrachloroethene                             | 71.0        | 64.5       |               | ug/m3   |   | 91   | 70 - 125     |
| Methyl Butyl Ketone (2-Hexanone)              | 41.4        | 40.8       |               | ug/m3   |   | 99   | 57 - 143     |
| Dibromochloromethane                          | 90.3        | 81.5       |               | ug/m3   |   | 90   | 73 - 125     |
| 1,2-Dibromoethane                             | 81.9        | 78.2       |               | ug/m3   |   | 96   | 78 - 122     |
| Chlorobenzene                                 | 48.3        | 45.4       |               | ug/m3   |   | 94   | 76 - 119     |
| Ethylbenzene                                  | 44.4        | 43.6       |               | ug/m3   |   | 98   | 74 - 122     |
| m,p-Xylene                                    | 86.8        | 88.2       |               | ug/m3   |   | 102  | 76 - 121     |
| o-Xylene                                      | 45.0        | 44.6       |               | ug/m3   |   | 99   | 73 - 123     |
| Styrene                                       | 43.8        | 46.2       |               | ug/m3   |   | 106  | 74 - 125     |
| Bromoform                                     | 106         | 115        |               | ug/m3   |   | 108  | 53 - 149     |
| Cumene                                        | 51.4        | 51.2       |               | ug/m3   |   | 100  | 73 - 123     |
| 1,1,2,2-Tetrachloroethane                     | 71.0        | 69.2       |               | ug/m3   |   | 97   | 74 - 126     |
| n-Propylbenzene                               | 50.9        | 51.1       |               | ug/m3   |   | 100  | 73 - 127     |
| 4-Ethyltoluene                                | 50.4        | 51.0       |               | ug/m3   |   | 101  | 75 - 129     |
| 1,3,5-Trimethylbenzene                        | 51.6        | 50.0       |               | ug/m3   |   | 97   | 72 - 126     |
| 2-Chlorotoluene                               | 54.0        | 53.1       |               | ug/m3   |   | 98   | 74 - 126     |
| tert-Butylbenzene                             | 57.1        | 55.0       |               | ug/m3   |   | 96   | 71 - 125     |
| 1,2,4-Trimethylbenzene                        | 51.3        | 50.6       |               | ug/m3   |   | 99   | 71 - 129     |
| sec-Butylbenzene                              | 57.4        | 56.5       |               | ug/m3   |   | 98   | 70 - 128     |
| 4-Isopropyltoluene                            | 57.6        | 55.8       |               | ug/m3   |   | 97   | 68 - 130     |
| 1,3-Dichlorobenzene                           | 61.1        | 64.2       |               | ug/m3   |   | 105  | 69 - 131     |
| 1,4-Dichlorobenzene                           | 62.5        | 66.1       |               | ug/m3   |   | 106  | 67 - 132     |
| Benzyl chloride                               | 52.6        | 57.8       |               | ug/m3   |   | 110  | 60 - 136     |
| n-Butylbenzene                                | 57.7        | 58.3       |               | ug/m3   |   | 101  | 65 - 137     |
| 1,2-Dichlorobenzene                           | 64.7        | 61.9       |               | ug/m3   |   | 96   | 68 - 129     |
| 1,2,4-Trichlorobenzene                        | 81.5        | 84.4       |               | ug/m3   |   | 104  | 50 - 150     |
| Hexachlorobutadiene                           | 116         | 102        |               | ug/m3   |   | 89   | 58 - 130     |
| Naphthalene                                   | 55.0        | 61.3       |               | ug/m3   |   | 111  | 50 - 150     |
| Analyte                                       | Spike Added | LCS Result | LCS Qualifier | Unit    | D | %Rec | %Rec. Limits |
| Dichlorodifluoromethane                       | 11          | 10.3       |               | ppb v/v |   | 97   | 61 - 142     |
| Chlorodifluoromethane                         | 11          | 10.4       |               | ppb v/v |   | 98   | 60 - 147     |
| 1,2-Dichlorotetrafluoroethane                 | 11          | 10.5       |               | ppb v/v |   | 99   | 71 - 141     |
| Chloromethane                                 | 9.9         | 11.0       |               | ppb v/v |   | 111  | 56 - 141     |
| n-Butane                                      | 10          | 10.3       |               | ppb v/v |   | 100  | 53 - 151     |
| Vinyl chloride                                | 10          | 9.93       |               | ppb v/v |   | 99   | 61 - 135     |
| 1,3-Butadiene                                 | 9.7         | 9.00       |               | ppb v/v |   | 93   | 58 - 139     |
| Bromomethane                                  | 10          | 10.7       |               | ppb v/v |   | 103  | 72 - 124     |
| Chloroethane                                  | 11          | 10.7       |               | ppb v/v |   | 101  | 68 - 130     |
| Bromoethene(Vinyl Bromide)                    | 10          | 10.8       |               | ppb v/v |   | 107  | 75 - 125     |
| Trichlorofluoromethane                        | 10          | 10.0       |               | ppb v/v |   | 96   | 70 - 129     |
| 1,1,2-Trichlorotrifluoroethane                | 11          | 10.2       |               | ppb v/v |   | 95   | 70 - 121     |
| 1,1-Dichloroethene                            | 10          | 9.77       |               | ppb v/v |   | 96   | 68 - 120     |

Eurofins TestAmerica, Burlington

# QC Sample Results

Client: Stantec Consulting Services Inc  
Project/Site: Easton Cooper Industries

Job ID: 200-56451-1  
SDG: 200-56451-1

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

Lab Sample ID: LCS 200-162240/3

Matrix: Air

Analysis Batch: 162240

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

| Analyte                                       | Spike Added | LCS Result | LCS Qualifier | Unit    | D | %Rec | %Rec. Limits |
|-----------------------------------------------|-------------|------------|---------------|---------|---|------|--------------|
| Acetone                                       | 10          | 10.1       |               | ppb v/v |   | 96   | 54 - 154     |
| Isopropyl alcohol                             | 10          | 11.0       |               | ppb v/v |   | 108  | 53 - 142     |
| Carbon disulfide                              | 10          | 10.1       |               | ppb v/v |   | 97   | 71 - 138     |
| 3-Chloropropene                               | 11          | 7.76       |               | ppb v/v |   | 72   | 50 - 150     |
| Methylene Chloride                            | 10          | 9.71       |               | ppb v/v |   | 95   | 59 - 137     |
| tert-Butyl alcohol                            | 11          | 11.4       |               | ppb v/v |   | 106  | 66 - 132     |
| Methyl tert-butyl ether                       | 11          | 10.5       |               | ppb v/v |   | 100  | 70 - 127     |
| trans-1,2-Dichloroethene                      | 10          | 9.98       |               | ppb v/v |   | 97   | 69 - 137     |
| n-Hexane                                      | 10          | 10.9       |               | ppb v/v |   | 104  | 63 - 138     |
| 1,1-Dichloroethane                            | 10          | 9.25       |               | ppb v/v |   | 90   | 66 - 130     |
| Methyl Ethyl Ketone (2-Butanone)              | 10          | 10.3       |               | ppb v/v |   | 99   | 72 - 124     |
| cis-1,2-Dichloroethene                        | 10          | 9.47       |               | ppb v/v |   | 91   | 72 - 121     |
| Chloroform                                    | 10          | 9.40       |               | ppb v/v |   | 91   | 73 - 124     |
| Tetrahydrofuran                               | 9.8         | 9.57       |               | ppb v/v |   | 98   | 60 - 149     |
| 1,1,1-Trichloroethane                         | 10          | 9.22       |               | ppb v/v |   | 89   | 72 - 127     |
| Cyclohexane                                   | 10          | 10.1       |               | ppb v/v |   | 99   | 76 - 124     |
| Carbon tetrachloride                          | 10          | 9.06       |               | ppb v/v |   | 90   | 71 - 133     |
| 2,2,4-Trimethylpentane                        | 10          | 10.6       |               | ppb v/v |   | 104  | 68 - 131     |
| Benzene                                       | 10          | 9.80       |               | ppb v/v |   | 94   | 73 - 119     |
| 1,2-Dichloroethane                            | 10          | 9.17       |               | ppb v/v |   | 88   | 68 - 135     |
| n-Heptane                                     | 10          | 10.3       |               | ppb v/v |   | 100  | 60 - 142     |
| Trichloroethene                               | 10          | 9.30       |               | ppb v/v |   | 90   | 73 - 122     |
| Methyl methacrylate                           | 10          | 10.7       |               | ppb v/v |   | 105  | 73 - 129     |
| 1,2-Dichloropropane                           | 10          | 9.93       |               | ppb v/v |   | 96   | 69 - 128     |
| 1,4-Dioxane                                   | 10          | 11.2       |               | ppb v/v |   | 108  | 66 - 129     |
| Bromodichloromethane                          | 10          | 10.0       |               | ppb v/v |   | 98   | 75 - 127     |
| cis-1,3-Dichloropropene                       | 9.9         | 10.7       |               | ppb v/v |   | 108  | 74 - 125     |
| 4-Methyl-2-pentanone (Methyl isobutyl ketone) | 10          | 10.3       |               | ppb v/v |   | 101  | 58 - 144     |
| Toluene                                       | 10          | 10.2       |               | ppb v/v |   | 100  | 75 - 122     |
| trans-1,3-Dichloropropene                     | 9.8         | 9.86       |               | ppb v/v |   | 100  | 74 - 128     |
| 1,1,2-Trichloroethane                         | 10          | 9.97       |               | ppb v/v |   | 95   | 75 - 126     |
| Tetrachloroethene                             | 10          | 9.51       |               | ppb v/v |   | 91   | 70 - 125     |
| Methyl Butyl Ketone (2-Hexanone)              | 10          | 9.96       |               | ppb v/v |   | 99   | 57 - 143     |
| Dibromochloromethane                          | 11          | 9.57       |               | ppb v/v |   | 90   | 73 - 125     |
| 1,2-Dibromoethane                             | 11          | 10.2       |               | ppb v/v |   | 96   | 78 - 122     |
| Chlorobenzene                                 | 10          | 9.86       |               | ppb v/v |   | 94   | 76 - 119     |
| Ethylbenzene                                  | 10          | 10.0       |               | ppb v/v |   | 98   | 74 - 122     |
| m,p-Xylene                                    | 20          | 20.3       |               | ppb v/v |   | 102  | 76 - 121     |
| o-Xylene                                      | 10          | 10.3       |               | ppb v/v |   | 99   | 73 - 123     |
| Styrene                                       | 10          | 10.9       |               | ppb v/v |   | 106  | 74 - 125     |
| Bromoform                                     | 10          | 11.1       |               | ppb v/v |   | 108  | 53 - 149     |
| Cumene                                        | 10          | 10.4       |               | ppb v/v |   | 100  | 73 - 123     |
| 1,1,2,2-Tetrachloroethane                     | 10          | 10.1       |               | ppb v/v |   | 97   | 74 - 126     |
| n-Propylbenzene                               | 10          | 10.4       |               | ppb v/v |   | 100  | 73 - 127     |
| 4-Ethyltoluene                                | 10          | 10.4       |               | ppb v/v |   | 101  | 75 - 129     |
| 1,3,5-Trimethylbenzene                        | 10          | 10.2       |               | ppb v/v |   | 97   | 72 - 126     |

Eurofins TestAmerica, Burlington

# QC Sample Results

Client: Stantec Consulting Services Inc  
Project/Site: Easton Cooper Industries

Job ID: 200-56451-1  
SDG: 200-56451-1

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

Lab Sample ID: LCS 200-162240/3

Matrix: Air

Analysis Batch: 162240

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

| Analyte                | Spike Added | LCS Result | LCS Qualifier | Unit    | D | %Rec | %Rec. Limits |
|------------------------|-------------|------------|---------------|---------|---|------|--------------|
| 2-Chlorotoluene        | 10          | 10.3       |               | ppb v/v |   | 98   | 74 - 126     |
| tert-Butylbenzene      | 10          | 10.0       |               | ppb v/v |   | 96   | 71 - 125     |
| 1,2,4-Trimethylbenzene | 10          | 10.3       |               | ppb v/v |   | 99   | 71 - 129     |
| sec-Butylbenzene       | 10          | 10.3       |               | ppb v/v |   | 98   | 70 - 128     |
| 4-Isopropyltoluene     | 10          | 10.2       |               | ppb v/v |   | 97   | 68 - 130     |
| 1,3-Dichlorobenzene    | 10          | 10.7       |               | ppb v/v |   | 105  | 69 - 131     |
| 1,4-Dichlorobenzene    | 10          | 11.0       |               | ppb v/v |   | 106  | 67 - 132     |
| Benzyl chloride        | 10          | 11.2       |               | ppb v/v |   | 110  | 60 - 136     |
| n-Butylbenzene         | 11          | 10.6       |               | ppb v/v |   | 101  | 65 - 137     |
| 1,2-Dichlorobenzene    | 11          | 10.3       |               | ppb v/v |   | 96   | 68 - 129     |
| 1,2,4-Trichlorobenzene | 11          | 11.4       |               | ppb v/v |   | 104  | 50 - 150     |
| Hexachlorobutadiene    | 11          | 9.61       |               | ppb v/v |   | 89   | 58 - 130     |
| Naphthalene            | 10          | 11.7       |               | ppb v/v |   | 111  | 50 - 150     |

Lab Sample ID: MB 200-162248/4

Matrix: Air

Analysis Batch: 162248

Client Sample ID: Method Blank

Prep Type: Total/NA

| Analyte                          | MB Result | MB Qualifier | RL   | MDL  | Unit  | D | Prepared | Analyzed       | Dil Fac |
|----------------------------------|-----------|--------------|------|------|-------|---|----------|----------------|---------|
| Dichlorodifluoromethane          | 2.5       | U            | 2.5  | 0.54 | ug/m3 |   |          | 12/18/20 13:45 | 1       |
| Chlorodifluoromethane            | 1.8       | U            | 1.8  | 0.42 | ug/m3 |   |          | 12/18/20 13:45 | 1       |
| 1,2-Dichlorotetrafluoroethane    | 1.4       | U            | 1.4  | 0.24 | ug/m3 |   |          | 12/18/20 13:45 | 1       |
| Chloromethane                    | 1.0       | U            | 1.0  | 0.23 | ug/m3 |   |          | 12/18/20 13:45 | 1       |
| n-Butane                         | 1.2       | U            | 1.2  | 0.26 | ug/m3 |   |          | 12/18/20 13:45 | 1       |
| Vinyl chloride                   | 0.20      | U            | 0.20 | 0.11 | ug/m3 |   |          | 12/18/20 13:45 | 1       |
| 1,3-Butadiene                    | 0.44      | U            | 0.44 | 0.13 | ug/m3 |   |          | 12/18/20 13:45 | 1       |
| Bromomethane                     | 0.78      | U            | 0.78 | 0.20 | ug/m3 |   |          | 12/18/20 13:45 | 1       |
| Chloroethane                     | 1.3       | U            | 1.3  | 0.14 | ug/m3 |   |          | 12/18/20 13:45 | 1       |
| Bromoethene(Vinyl Bromide)       | 0.87      | U            | 0.87 | 0.23 | ug/m3 |   |          | 12/18/20 13:45 | 1       |
| Trichlorofluoromethane           | 1.1       | U            | 1.1  | 0.34 | ug/m3 |   |          | 12/18/20 13:45 | 1       |
| 1,1,2-Trichlorotrifluoroethane   | 1.5       | U            | 1.5  | 0.29 | ug/m3 |   |          | 12/18/20 13:45 | 1       |
| 1,1-Dichloroethene               | 0.20      | U            | 0.20 | 0.15 | ug/m3 |   |          | 12/18/20 13:45 | 1       |
| Acetone                          | 12        | U            | 12   | 2.9  | ug/m3 |   |          | 12/18/20 13:45 | 1       |
| Isopropyl alcohol                | 12        | U            | 12   | 1.2  | ug/m3 |   |          | 12/18/20 13:45 | 1       |
| Carbon disulfide                 | 1.6       | U            | 1.6  | 0.23 | ug/m3 |   |          | 12/18/20 13:45 | 1       |
| 3-Chloropropene                  | 1.6       | U            | 1.6  | 0.20 | ug/m3 |   |          | 12/18/20 13:45 | 1       |
| Methylene Chloride               | 1.7       | U            | 1.7  | 0.94 | ug/m3 |   |          | 12/18/20 13:45 | 1       |
| tert-Butyl alcohol               | 15        | U            | 15   | 0.12 | ug/m3 |   |          | 12/18/20 13:45 | 1       |
| Methyl tert-butyl ether          | 0.72      | U            | 0.72 | 0.12 | ug/m3 |   |          | 12/18/20 13:45 | 1       |
| trans-1,2-Dichloroethene         | 0.79      | U            | 0.79 | 0.17 | ug/m3 |   |          | 12/18/20 13:45 | 1       |
| n-Hexane                         | 0.70      | U            | 0.70 | 0.70 | ug/m3 |   |          | 12/18/20 13:45 | 1       |
| 1,1-Dichloroethane               | 0.81      | U            | 0.81 | 0.17 | ug/m3 |   |          | 12/18/20 13:45 | 1       |
| Methyl Ethyl Ketone (2-Butanone) | 1.5       | U            | 1.5  | 0.21 | ug/m3 |   |          | 12/18/20 13:45 | 1       |
| cis-1,2-Dichloroethene           | 0.20      | U            | 0.20 | 0.18 | ug/m3 |   |          | 12/18/20 13:45 | 1       |
| Chloroform                       | 0.98      | U            | 0.98 | 0.16 | ug/m3 |   |          | 12/18/20 13:45 | 1       |
| Tetrahydrofuran                  | 15        | U            | 15   | 0.19 | ug/m3 |   |          | 12/18/20 13:45 | 1       |
| 1,1,1-Trichloroethane            | 1.1       | U            | 1.1  | 0.20 | ug/m3 |   |          | 12/18/20 13:45 | 1       |
| Cyclohexane                      | 0.69      | U            | 0.69 | 0.16 | ug/m3 |   |          | 12/18/20 13:45 | 1       |
| Carbon tetrachloride             | 0.22      | U            | 0.22 | 0.15 | ug/m3 |   |          | 12/18/20 13:45 | 1       |

Eurofins TestAmerica, Burlington

# QC Sample Results

Client: Stantec Consulting Services Inc  
Project/Site: Easton Cooper Industries

Job ID: 200-56451-1  
SDG: 200-56451-1

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

Lab Sample ID: MB 200-162248/4

Matrix: Air

Analysis Batch: 162248

Client Sample ID: Method Blank

Prep Type: Total/NA

| Analyte                                       | MB Result | MB Qualifier | RL   | MDL   | Unit    | D | Prepared | Analyzed       | Dil Fac |
|-----------------------------------------------|-----------|--------------|------|-------|---------|---|----------|----------------|---------|
| 2,2,4-Trimethylpentane                        | 0.93      | U            | 0.93 | 0.19  | ug/m3   |   |          | 12/18/20 13:45 | 1       |
| Benzene                                       | 0.64      | U            | 0.64 | 0.21  | ug/m3   |   |          | 12/18/20 13:45 | 1       |
| 1,2-Dichloroethane                            | 0.81      | U            | 0.81 | 0.13  | ug/m3   |   |          | 12/18/20 13:45 | 1       |
| n-Heptane                                     | 0.82      | U            | 0.82 | 0.23  | ug/m3   |   |          | 12/18/20 13:45 | 1       |
| Trichloroethene                               | 0.20      | U            | 0.20 | 0.19  | ug/m3   |   |          | 12/18/20 13:45 | 1       |
| Methyl methacrylate                           | 2.0       | U            | 2.0  | 0.14  | ug/m3   |   |          | 12/18/20 13:45 | 1       |
| 1,2-Dichloropropane                           | 0.92      | U            | 0.92 | 0.15  | ug/m3   |   |          | 12/18/20 13:45 | 1       |
| 1,4-Dioxane                                   | 18        | U            | 18   | 0.30  | ug/m3   |   |          | 12/18/20 13:45 | 1       |
| Bromodichloromethane                          | 1.3       | U            | 1.3  | 0.23  | ug/m3   |   |          | 12/18/20 13:45 | 1       |
| cis-1,3-Dichloropropene                       | 0.91      | U            | 0.91 | 0.15  | ug/m3   |   |          | 12/18/20 13:45 | 1       |
| 4-Methyl-2-pentanone (Methyl isobutyl ketone) | 2.0       | U            | 2.0  | 0.15  | ug/m3   |   |          | 12/18/20 13:45 | 1       |
| Toluene                                       | 0.75      | U            | 0.75 | 0.41  | ug/m3   |   |          | 12/18/20 13:45 | 1       |
| trans-1,3-Dichloropropene                     | 0.91      | U            | 0.91 | 0.18  | ug/m3   |   |          | 12/18/20 13:45 | 1       |
| 1,1,2-Trichloroethane                         | 1.1       | U            | 1.1  | 0.20  | ug/m3   |   |          | 12/18/20 13:45 | 1       |
| Tetrachloroethene                             | 1.4       | U            | 1.4  | 0.22  | ug/m3   |   |          | 12/18/20 13:45 | 1       |
| Methyl Butyl Ketone (2-Hexanone)              | 2.0       | U            | 2.0  | 0.20  | ug/m3   |   |          | 12/18/20 13:45 | 1       |
| Dibromochloromethane                          | 1.7       | U            | 1.7  | 0.31  | ug/m3   |   |          | 12/18/20 13:45 | 1       |
| 1,2-Dibromoethane                             | 1.5       | U            | 1.5  | 0.38  | ug/m3   |   |          | 12/18/20 13:45 | 1       |
| Chlorobenzene                                 | 0.92      | U            | 0.92 | 0.26  | ug/m3   |   |          | 12/18/20 13:45 | 1       |
| Ethylbenzene                                  | 0.87      | U            | 0.87 | 0.27  | ug/m3   |   |          | 12/18/20 13:45 | 1       |
| m,p-Xylene                                    | 2.2       | U            | 2.2  | 0.43  | ug/m3   |   |          | 12/18/20 13:45 | 1       |
| o-Xylene                                      | 0.87      | U            | 0.87 | 0.21  | ug/m3   |   |          | 12/18/20 13:45 | 1       |
| Styrene                                       | 0.85      | U            | 0.85 | 0.17  | ug/m3   |   |          | 12/18/20 13:45 | 1       |
| Bromoform                                     | 2.1       | U            | 2.1  | 0.50  | ug/m3   |   |          | 12/18/20 13:45 | 1       |
| Cumene                                        | 0.98      | U            | 0.98 | 0.17  | ug/m3   |   |          | 12/18/20 13:45 | 1       |
| 1,1,2,2-Tetrachloroethane                     | 1.4       | U            | 1.4  | 0.29  | ug/m3   |   |          | 12/18/20 13:45 | 1       |
| n-Propylbenzene                               | 0.98      | U            | 0.98 | 0.19  | ug/m3   |   |          | 12/18/20 13:45 | 1       |
| 4-Ethyltoluene                                | 0.98      | U            | 0.98 | 0.20  | ug/m3   |   |          | 12/18/20 13:45 | 1       |
| 1,3,5-Trimethylbenzene                        | 0.98      | U            | 0.98 | 0.19  | ug/m3   |   |          | 12/18/20 13:45 | 1       |
| 2-Chlorotoluene                               | 1.0       | U            | 1.0  | 0.22  | ug/m3   |   |          | 12/18/20 13:45 | 1       |
| tert-Butylbenzene                             | 1.1       | U            | 1.1  | 0.19  | ug/m3   |   |          | 12/18/20 13:45 | 1       |
| 1,2,4-Trimethylbenzene                        | 0.98      | U            | 0.98 | 0.22  | ug/m3   |   |          | 12/18/20 13:45 | 1       |
| sec-Butylbenzene                              | 1.1       | U            | 1.1  | 0.19  | ug/m3   |   |          | 12/18/20 13:45 | 1       |
| 4-Isopropyltoluene                            | 1.1       | U            | 1.1  | 0.21  | ug/m3   |   |          | 12/18/20 13:45 | 1       |
| 1,3-Dichlorobenzene                           | 1.2       | U            | 1.2  | 0.66  | ug/m3   |   |          | 12/18/20 13:45 | 1       |
| 1,4-Dichlorobenzene                           | 1.2       | U            | 1.2  | 0.72  | ug/m3   |   |          | 12/18/20 13:45 | 1       |
| Benzyl chloride                               | 1.0       | U            | 1.0  | 0.44  | ug/m3   |   |          | 12/18/20 13:45 | 1       |
| n-Butylbenzene                                | 1.1       | U            | 1.1  | 0.21  | ug/m3   |   |          | 12/18/20 13:45 | 1       |
| 1,2-Dichlorobenzene                           | 1.2       | U            | 1.2  | 0.58  | ug/m3   |   |          | 12/18/20 13:45 | 1       |
| 1,2,4-Trichlorobenzene                        | 3.7       | U            | 3.7  | 1.6   | ug/m3   |   |          | 12/18/20 13:45 | 1       |
| Hexachlorobutadiene                           | 2.1       | U            | 2.1  | 0.81  | ug/m3   |   |          | 12/18/20 13:45 | 1       |
| Naphthalene                                   | 2.6       | U            | 2.6  | 0.89  | ug/m3   |   |          | 12/18/20 13:45 | 1       |
| Analyte                                       | MB Result | MB Qualifier | RL   | MDL   | Unit    | D | Prepared | Analyzed       | Dil Fac |
| Dichlorodifluoromethane                       | 0.50      | U            | 0.50 | 0.11  | ppb v/v |   |          | 12/18/20 13:45 | 1       |
| Chlorodifluoromethane                         | 0.50      | U            | 0.50 | 0.12  | ppb v/v |   |          | 12/18/20 13:45 | 1       |
| 1,2-Dichlorotetrafluoroethane                 | 0.20      | U            | 0.20 | 0.035 | ppb v/v |   |          | 12/18/20 13:45 | 1       |
| Chloromethane                                 | 0.50      | U            | 0.50 | 0.11  | ppb v/v |   |          | 12/18/20 13:45 | 1       |

Eurofins TestAmerica, Burlington

# QC Sample Results

Client: Stantec Consulting Services Inc  
Project/Site: Easton Cooper Industries

Job ID: 200-56451-1  
SDG: 200-56451-1

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

Lab Sample ID: MB 200-162248/4

Matrix: Air

Analysis Batch: 162248

Client Sample ID: Method Blank

Prep Type: Total/NA

| Analyte                                       | MB Result | MB Qualifier | RL    | MDL   | Unit    | D | Prepared | Analyzed       | Dil Fac |
|-----------------------------------------------|-----------|--------------|-------|-------|---------|---|----------|----------------|---------|
| n-Butane                                      | 0.50      | U            | 0.50  | 0.11  | ppb v/v |   |          | 12/18/20 13:45 | 1       |
| Vinyl chloride                                | 0.078     | U            | 0.078 | 0.044 | ppb v/v |   |          | 12/18/20 13:45 | 1       |
| 1,3-Butadiene                                 | 0.20      | U            | 0.20  | 0.057 | ppb v/v |   |          | 12/18/20 13:45 | 1       |
| Bromomethane                                  | 0.20      | U            | 0.20  | 0.051 | ppb v/v |   |          | 12/18/20 13:45 | 1       |
| Chloroethane                                  | 0.50      | U            | 0.50  | 0.054 | ppb v/v |   |          | 12/18/20 13:45 | 1       |
| Bromoethene(Vinyl Bromide)                    | 0.20      | U            | 0.20  | 0.052 | ppb v/v |   |          | 12/18/20 13:45 | 1       |
| Trichlorofluoromethane                        | 0.20      | U            | 0.20  | 0.060 | ppb v/v |   |          | 12/18/20 13:45 | 1       |
| 1,1,2-Trichlorotrifluoroethane                | 0.20      | U            | 0.20  | 0.038 | ppb v/v |   |          | 12/18/20 13:45 | 1       |
| 1,1-Dichloroethene                            | 0.050     | U            | 0.050 | 0.039 | ppb v/v |   |          | 12/18/20 13:45 | 1       |
| Acetone                                       | 5.0       | U            | 5.0   | 1.2   | ppb v/v |   |          | 12/18/20 13:45 | 1       |
| Isopropyl alcohol                             | 5.0       | U            | 5.0   | 0.48  | ppb v/v |   |          | 12/18/20 13:45 | 1       |
| Carbon disulfide                              | 0.50      | U            | 0.50  | 0.074 | ppb v/v |   |          | 12/18/20 13:45 | 1       |
| 3-Chloropropene                               | 0.50      | U            | 0.50  | 0.064 | ppb v/v |   |          | 12/18/20 13:45 | 1       |
| Methylene Chloride                            | 0.50      | U            | 0.50  | 0.27  | ppb v/v |   |          | 12/18/20 13:45 | 1       |
| tert-Butyl alcohol                            | 5.0       | U            | 5.0   | 0.038 | ppb v/v |   |          | 12/18/20 13:45 | 1       |
| Methyl tert-butyl ether                       | 0.20      | U            | 0.20  | 0.033 | ppb v/v |   |          | 12/18/20 13:45 | 1       |
| trans-1,2-Dichloroethene                      | 0.20      | U            | 0.20  | 0.042 | ppb v/v |   |          | 12/18/20 13:45 | 1       |
| n-Hexane                                      | 0.20      | U            | 0.20  | 0.20  | ppb v/v |   |          | 12/18/20 13:45 | 1       |
| 1,1-Dichloroethane                            | 0.20      | U            | 0.20  | 0.041 | ppb v/v |   |          | 12/18/20 13:45 | 1       |
| Methyl Ethyl Ketone (2-Butanone)              | 0.50      | U            | 0.50  | 0.072 | ppb v/v |   |          | 12/18/20 13:45 | 1       |
| cis-1,2-Dichloroethene                        | 0.050     | U            | 0.050 | 0.045 | ppb v/v |   |          | 12/18/20 13:45 | 1       |
| Chloroform                                    | 0.20      | U            | 0.20  | 0.032 | ppb v/v |   |          | 12/18/20 13:45 | 1       |
| Tetrahydrofuran                               | 5.0       | U            | 5.0   | 0.066 | ppb v/v |   |          | 12/18/20 13:45 | 1       |
| 1,1,1-Trichloroethane                         | 0.20      | U            | 0.20  | 0.036 | ppb v/v |   |          | 12/18/20 13:45 | 1       |
| Cyclohexane                                   | 0.20      | U            | 0.20  | 0.046 | ppb v/v |   |          | 12/18/20 13:45 | 1       |
| Carbon tetrachloride                          | 0.035     | U            | 0.035 | 0.024 | ppb v/v |   |          | 12/18/20 13:45 | 1       |
| 2,2,4-Trimethylpentane                        | 0.20      | U            | 0.20  | 0.041 | ppb v/v |   |          | 12/18/20 13:45 | 1       |
| Benzene                                       | 0.20      | U            | 0.20  | 0.067 | ppb v/v |   |          | 12/18/20 13:45 | 1       |
| 1,2-Dichloroethane                            | 0.20      | U            | 0.20  | 0.032 | ppb v/v |   |          | 12/18/20 13:45 | 1       |
| n-Heptane                                     | 0.20      | U            | 0.20  | 0.056 | ppb v/v |   |          | 12/18/20 13:45 | 1       |
| Trichloroethene                               | 0.037     | U            | 0.037 | 0.035 | ppb v/v |   |          | 12/18/20 13:45 | 1       |
| Methyl methacrylate                           | 0.50      | U            | 0.50  | 0.033 | ppb v/v |   |          | 12/18/20 13:45 | 1       |
| 1,2-Dichloropropane                           | 0.20      | U            | 0.20  | 0.033 | ppb v/v |   |          | 12/18/20 13:45 | 1       |
| 1,4-Dioxane                                   | 5.0       | U            | 5.0   | 0.084 | ppb v/v |   |          | 12/18/20 13:45 | 1       |
| Bromodichloromethane                          | 0.20      | U            | 0.20  | 0.035 | ppb v/v |   |          | 12/18/20 13:45 | 1       |
| cis-1,3-Dichloropropene                       | 0.20      | U            | 0.20  | 0.032 | ppb v/v |   |          | 12/18/20 13:45 | 1       |
| 4-Methyl-2-pentanone (Methyl isobutyl ketone) | 0.50      | U            | 0.50  | 0.036 | ppb v/v |   |          | 12/18/20 13:45 | 1       |
| Toluene                                       | 0.20      | U            | 0.20  | 0.11  | ppb v/v |   |          | 12/18/20 13:45 | 1       |
| trans-1,3-Dichloropropene                     | 0.20      | U            | 0.20  | 0.039 | ppb v/v |   |          | 12/18/20 13:45 | 1       |
| 1,1,2-Trichloroethane                         | 0.20      | U            | 0.20  | 0.036 | ppb v/v |   |          | 12/18/20 13:45 | 1       |
| Tetrachloroethene                             | 0.20      | U            | 0.20  | 0.033 | ppb v/v |   |          | 12/18/20 13:45 | 1       |
| Methyl Butyl Ketone (2-Hexanone)              | 0.50      | U            | 0.50  | 0.048 | ppb v/v |   |          | 12/18/20 13:45 | 1       |
| Dibromochloromethane                          | 0.20      | U            | 0.20  | 0.036 | ppb v/v |   |          | 12/18/20 13:45 | 1       |
| 1,2-Dibromoethane                             | 0.20      | U            | 0.20  | 0.049 | ppb v/v |   |          | 12/18/20 13:45 | 1       |
| Chlorobenzene                                 | 0.20      | U            | 0.20  | 0.056 | ppb v/v |   |          | 12/18/20 13:45 | 1       |
| Ethylbenzene                                  | 0.20      | U            | 0.20  | 0.063 | ppb v/v |   |          | 12/18/20 13:45 | 1       |
| m,p-Xylene                                    | 0.50      | U            | 0.50  | 0.10  | ppb v/v |   |          | 12/18/20 13:45 | 1       |
| o-Xylene                                      | 0.20      | U            | 0.20  | 0.048 | ppb v/v |   |          | 12/18/20 13:45 | 1       |

# QC Sample Results

Client: Stantec Consulting Services Inc  
Project/Site: Easton Cooper Industries

Job ID: 200-56451-1  
SDG: 200-56451-1

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

Lab Sample ID: MB 200-162248/4

Matrix: Air

Analysis Batch: 162248

Client Sample ID: Method Blank

Prep Type: Total/NA

| Analyte                   | MB Result | MB Qualifier | RL   | MDL   | Unit    | D | Prepared | Analyzed       | Dil Fac |
|---------------------------|-----------|--------------|------|-------|---------|---|----------|----------------|---------|
| Styrene                   | 0.20      | U            | 0.20 | 0.040 | ppb v/v |   |          | 12/18/20 13:45 | 1       |
| Bromoform                 | 0.20      | U            | 0.20 | 0.048 | ppb v/v |   |          | 12/18/20 13:45 | 1       |
| Cumene                    | 0.20      | U            | 0.20 | 0.035 | ppb v/v |   |          | 12/18/20 13:45 | 1       |
| 1,1,2,2-Tetrachloroethane | 0.20      | U            | 0.20 | 0.042 | ppb v/v |   |          | 12/18/20 13:45 | 1       |
| n-Propylbenzene           | 0.20      | U            | 0.20 | 0.039 | ppb v/v |   |          | 12/18/20 13:45 | 1       |
| 4-Ethyltoluene            | 0.20      | U            | 0.20 | 0.041 | ppb v/v |   |          | 12/18/20 13:45 | 1       |
| 1,3,5-Trimethylbenzene    | 0.20      | U            | 0.20 | 0.039 | ppb v/v |   |          | 12/18/20 13:45 | 1       |
| 2-Chlorotoluene           | 0.20      | U            | 0.20 | 0.042 | ppb v/v |   |          | 12/18/20 13:45 | 1       |
| tert-Butylbenzene         | 0.20      | U            | 0.20 | 0.035 | ppb v/v |   |          | 12/18/20 13:45 | 1       |
| 1,2,4-Trimethylbenzene    | 0.20      | U            | 0.20 | 0.044 | ppb v/v |   |          | 12/18/20 13:45 | 1       |
| sec-Butylbenzene          | 0.20      | U            | 0.20 | 0.035 | ppb v/v |   |          | 12/18/20 13:45 | 1       |
| 4-Isopropyltoluene        | 0.20      | U            | 0.20 | 0.039 | ppb v/v |   |          | 12/18/20 13:45 | 1       |
| 1,3-Dichlorobenzene       | 0.20      | U            | 0.20 | 0.11  | ppb v/v |   |          | 12/18/20 13:45 | 1       |
| 1,4-Dichlorobenzene       | 0.20      | U            | 0.20 | 0.12  | ppb v/v |   |          | 12/18/20 13:45 | 1       |
| Benzyl chloride           | 0.20      | U            | 0.20 | 0.085 | ppb v/v |   |          | 12/18/20 13:45 | 1       |
| n-Butylbenzene            | 0.20      | U            | 0.20 | 0.039 | ppb v/v |   |          | 12/18/20 13:45 | 1       |
| 1,2-Dichlorobenzene       | 0.20      | U            | 0.20 | 0.097 | ppb v/v |   |          | 12/18/20 13:45 | 1       |
| 1,2,4-Trichlorobenzene    | 0.50      | U            | 0.50 | 0.22  | ppb v/v |   |          | 12/18/20 13:45 | 1       |
| Hexachlorobutadiene       | 0.20      | U            | 0.20 | 0.076 | ppb v/v |   |          | 12/18/20 13:45 | 1       |
| Naphthalene               | 0.50      | U            | 0.50 | 0.17  | ppb v/v |   |          | 12/18/20 13:45 | 1       |

Lab Sample ID: LCS 200-162248/5

Matrix: Air

Analysis Batch: 162248

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

| Analyte                        | Spike Added | LCS Result | LCS Qualifier | Unit  | D | %Rec | %Rec. Limits |
|--------------------------------|-------------|------------|---------------|-------|---|------|--------------|
| Dichlorodifluoromethane        | 52.3        | 36.6       |               | ug/m3 |   | 70   | 61 - 142     |
| Chlorodifluoromethane          | 37.4        | 33.0       |               | ug/m3 |   | 88   | 60 - 147     |
| 1,2-Dichlorotetrafluoroethane  | 74.0        | 64.5       |               | ug/m3 |   | 87   | 71 - 141     |
| Chloromethane                  | 20.5        | 19.4       |               | ug/m3 |   | 95   | 56 - 141     |
| n-Butane                       | 24.5        | 21.6       |               | ug/m3 |   | 88   | 53 - 151     |
| Vinyl chloride                 | 25.5        | 20.8       |               | ug/m3 |   | 81   | 61 - 135     |
| 1,3-Butadiene                  | 21.5        | 17.2       |               | ug/m3 |   | 80   | 58 - 139     |
| Bromomethane                   | 40.4        | 32.3       |               | ug/m3 |   | 80   | 72 - 124     |
| Chloroethane                   | 27.9        | 19.9       |               | ug/m3 |   | 71   | 68 - 130     |
| Bromoethene(Vinyl Bromide)     | 44.0        | 41.5       |               | ug/m3 |   | 94   | 75 - 125     |
| Trichlorofluoromethane         | 58.5        | 52.4       |               | ug/m3 |   | 90   | 70 - 129     |
| 1,1,2-Trichlorotrifluoroethane | 81.8        | 71.8       |               | ug/m3 |   | 88   | 70 - 121     |
| 1,1-Dichloroethene             | 40.4        | 38.1       |               | ug/m3 |   | 94   | 68 - 120     |
| Acetone                        | 24.8        | 21.8       |               | ug/m3 |   | 88   | 54 - 154     |
| Isopropyl alcohol              | 25.0        | 23.4       |               | ug/m3 |   | 94   | 53 - 142     |
| Carbon disulfide               | 32.3        | 29.3       |               | ug/m3 |   | 91   | 71 - 138     |
| 3-Chloropropene                | 33.6        | 28.2       |               | ug/m3 |   | 84   | 50 - 150     |
| Methylene Chloride             | 35.6        | 31.9       |               | ug/m3 |   | 90   | 59 - 137     |
| tert-Butyl alcohol             | 32.7        | 30.2       |               | ug/m3 |   | 92   | 66 - 132     |
| Methyl tert-butyl ether        | 38.1        | 33.3       |               | ug/m3 |   | 87   | 70 - 127     |
| trans-1,2-Dichloroethene       | 40.9        | 35.8       |               | ug/m3 |   | 87   | 69 - 137     |
| n-Hexane                       | 36.9        | 32.2       |               | ug/m3 |   | 87   | 63 - 138     |
| 1,1-Dichloroethane             | 41.6        | 35.1       |               | ug/m3 |   | 84   | 66 - 130     |

Eurofins TestAmerica, Burlington



# QC Sample Results

Client: Stantec Consulting Services Inc  
Project/Site: Easton Cooper Industries

Job ID: 200-56451-1  
SDG: 200-56451-1

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

Lab Sample ID: LCS 200-162248/5

Matrix: Air

Analysis Batch: 162248

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

| Analyte                                       | Spike Added | LCS Result | LCS Qualifier | Unit  | D | %Rec | %Rec. Limits |
|-----------------------------------------------|-------------|------------|---------------|-------|---|------|--------------|
| Methyl Ethyl Ketone (2-Butanone)              | 30.5        | 28.2       |               | ug/m3 |   | 92   | 72 - 124     |
| cis-1,2-Dichloroethene                        | 41.1        | 36.2       |               | ug/m3 |   | 88   | 72 - 121     |
| Chloroform                                    | 50.4        | 44.2       |               | ug/m3 |   | 88   | 73 - 124     |
| Tetrahydrofuran                               | 28.9        | 26.7       |               | ug/m3 |   | 92   | 60 - 149     |
| 1,1,1-Trichloroethane                         | 56.3        | 49.1       |               | ug/m3 |   | 87   | 72 - 127     |
| Cyclohexane                                   | 35.2        | 32.0       |               | ug/m3 |   | 91   | 76 - 124     |
| Carbon tetrachloride                          | 63.2        | 56.1       |               | ug/m3 |   | 89   | 71 - 133     |
| 2,2,4-Trimethylpentane                        | 47.4        | 44.4       |               | ug/m3 |   | 94   | 68 - 131     |
| Benzene                                       | 33.2        | 30.8       |               | ug/m3 |   | 93   | 73 - 119     |
| 1,2-Dichloroethane                            | 42.3        | 36.4       |               | ug/m3 |   | 86   | 68 - 135     |
| n-Heptane                                     | 42.2        | 37.6       |               | ug/m3 |   | 89   | 60 - 142     |
| Trichloroethene                               | 55.3        | 56.4       |               | ug/m3 |   | 102  | 73 - 122     |
| Methyl methacrylate                           | 41.8        | 39.9       |               | ug/m3 |   | 96   | 73 - 129     |
| 1,2-Dichloropropane                           | 47.8        | 44.0       |               | ug/m3 |   | 92   | 69 - 128     |
| 1,4-Dioxane                                   | 37.1        | 37.6       |               | ug/m3 |   | 101  | 66 - 129     |
| Bromodichloromethane                          | 68.9        | 64.7       |               | ug/m3 |   | 94   | 75 - 127     |
| cis-1,3-Dichloropropene                       | 45.1        | 44.5       |               | ug/m3 |   | 99   | 74 - 125     |
| 4-Methyl-2-pentanone (Methyl isobutyl ketone) | 41.7        | 37.6       |               | ug/m3 |   | 90   | 58 - 144     |
| Toluene                                       | 38.4        | 36.1       |               | ug/m3 |   | 94   | 75 - 122     |
| trans-1,3-Dichloropropene                     | 44.7        | 42.0       |               | ug/m3 |   | 94   | 74 - 128     |
| 1,1,2-Trichloroethane                         | 57.2        | 52.5       |               | ug/m3 |   | 92   | 75 - 126     |
| Tetrachloroethene                             | 71.0        | 62.2       |               | ug/m3 |   | 88   | 70 - 125     |
| Methyl Butyl Ketone (2-Hexanone)              | 41.4        | 34.4       |               | ug/m3 |   | 83   | 57 - 143     |
| Dibromochloromethane                          | 90.3        | 79.1       |               | ug/m3 |   | 88   | 73 - 125     |
| 1,2-Dibromoethane                             | 81.9        | 77.2       |               | ug/m3 |   | 94   | 78 - 122     |
| Chlorobenzene                                 | 48.3        | 45.1       |               | ug/m3 |   | 93   | 76 - 119     |
| Ethylbenzene                                  | 44.4        | 41.9       |               | ug/m3 |   | 94   | 74 - 122     |
| m,p-Xylene                                    | 86.8        | 85.4       |               | ug/m3 |   | 98   | 76 - 121     |
| o-Xylene                                      | 45.0        | 42.3       |               | ug/m3 |   | 94   | 73 - 123     |
| Styrene                                       | 43.8        | 44.0       |               | ug/m3 |   | 101  | 74 - 125     |
| Bromoform                                     | 106         | 99.6       |               | ug/m3 |   | 94   | 53 - 149     |
| Cumene                                        | 51.4        | 48.3       |               | ug/m3 |   | 94   | 73 - 123     |
| 1,1,2,2-Tetrachloroethane                     | 71.0        | 63.3       |               | ug/m3 |   | 89   | 74 - 126     |
| n-Propylbenzene                               | 50.9        | 47.8       |               | ug/m3 |   | 94   | 73 - 127     |
| 4-Ethyltoluene                                | 50.4        | 48.6       |               | ug/m3 |   | 97   | 75 - 129     |
| 1,3,5-Trimethylbenzene                        | 51.6        | 46.9       |               | ug/m3 |   | 91   | 72 - 126     |
| 2-Chlorotoluene                               | 54.0        | 50.4       |               | ug/m3 |   | 93   | 74 - 126     |
| tert-Butylbenzene                             | 57.1        | 52.7       |               | ug/m3 |   | 92   | 71 - 125     |
| 1,2,4-Trimethylbenzene                        | 51.3        | 48.5       |               | ug/m3 |   | 95   | 71 - 129     |
| sec-Butylbenzene                              | 57.4        | 55.2       |               | ug/m3 |   | 96   | 70 - 128     |
| 4-Isopropyltoluene                            | 57.6        | 53.1       |               | ug/m3 |   | 92   | 68 - 130     |
| 1,3-Dichlorobenzene                           | 61.1        | 59.3       |               | ug/m3 |   | 97   | 69 - 131     |
| 1,4-Dichlorobenzene                           | 62.5        | 59.1       |               | ug/m3 |   | 95   | 67 - 132     |
| Benzyl chloride                               | 52.6        | 52.3       |               | ug/m3 |   | 99   | 60 - 136     |
| n-Butylbenzene                                | 57.7        | 55.0       |               | ug/m3 |   | 95   | 65 - 137     |
| 1,2-Dichlorobenzene                           | 64.7        | 59.0       |               | ug/m3 |   | 91   | 68 - 129     |

Eurofins TestAmerica, Burlington

# QC Sample Results

Client: Stantec Consulting Services Inc  
Project/Site: Easton Cooper Industries

Job ID: 200-56451-1  
SDG: 200-56451-1

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

Lab Sample ID: LCS 200-162248/5

Matrix: Air

Analysis Batch: 162248

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

| Analyte                                       | Spike Added | LCS Result | LCS Qualifier | Unit    | D | %Rec | %Rec. Limits |
|-----------------------------------------------|-------------|------------|---------------|---------|---|------|--------------|
| 1,2,4-Trichlorobenzene                        | 81.5        | 72.3       |               | ug/m3   |   | 89   | 50 - 150     |
| Hexachlorobutadiene                           | 116         | 96.4       |               | ug/m3   |   | 83   | 58 - 130     |
| Naphthalene                                   | 55.0        | 45.0       |               | ug/m3   |   | 82   | 50 - 150     |
| Analyte                                       | Spike Added | LCS Result | LCS Qualifier | Unit    | D | %Rec | %Rec. Limits |
| Dichlorodifluoromethane                       | 11          | 7.40       |               | ppb v/v |   | 70   | 61 - 142     |
| Chlorodifluoromethane                         | 11          | 9.32       |               | ppb v/v |   | 88   | 60 - 147     |
| 1,2-Dichlorotetrafluoroethane                 | 11          | 9.22       |               | ppb v/v |   | 87   | 71 - 141     |
| Chloromethane                                 | 9.9         | 9.40       |               | ppb v/v |   | 95   | 56 - 141     |
| n-Butane                                      | 10          | 9.07       |               | ppb v/v |   | 88   | 53 - 151     |
| Vinyl chloride                                | 10          | 8.13       |               | ppb v/v |   | 81   | 61 - 135     |
| 1,3-Butadiene                                 | 9.7         | 7.78       |               | ppb v/v |   | 80   | 58 - 139     |
| Bromomethane                                  | 10          | 8.31       |               | ppb v/v |   | 80   | 72 - 124     |
| Chloroethane                                  | 11          | 7.54       |               | ppb v/v |   | 71   | 68 - 130     |
| Bromoethene(Vinyl Bromide)                    | 10          | 9.49       |               | ppb v/v |   | 94   | 75 - 125     |
| Trichlorofluoromethane                        | 10          | 9.33       |               | ppb v/v |   | 90   | 70 - 129     |
| 1,1,2-Trichlorotrifluoroethane                | 11          | 9.37       |               | ppb v/v |   | 88   | 70 - 121     |
| 1,1-Dichloroethene                            | 10          | 9.61       |               | ppb v/v |   | 94   | 68 - 120     |
| Acetone                                       | 10          | 9.17       |               | ppb v/v |   | 88   | 54 - 154     |
| Isopropyl alcohol                             | 10          | 9.51       |               | ppb v/v |   | 94   | 53 - 142     |
| Carbon disulfide                              | 10          | 9.40       |               | ppb v/v |   | 91   | 71 - 138     |
| 3-Chloropropene                               | 11          | 9.01       |               | ppb v/v |   | 84   | 50 - 150     |
| Methylene Chloride                            | 10          | 9.18       |               | ppb v/v |   | 90   | 59 - 137     |
| tert-Butyl alcohol                            | 11          | 9.98       |               | ppb v/v |   | 92   | 66 - 132     |
| Methyl tert-butyl ether                       | 11          | 9.24       |               | ppb v/v |   | 87   | 70 - 127     |
| trans-1,2-Dichloroethene                      | 10          | 9.03       |               | ppb v/v |   | 87   | 69 - 137     |
| n-Hexane                                      | 10          | 9.13       |               | ppb v/v |   | 87   | 63 - 138     |
| 1,1-Dichloroethane                            | 10          | 8.67       |               | ppb v/v |   | 84   | 66 - 130     |
| Methyl Ethyl Ketone (2-Butanone)              | 10          | 9.56       |               | ppb v/v |   | 92   | 72 - 124     |
| cis-1,2-Dichloroethene                        | 10          | 9.14       |               | ppb v/v |   | 88   | 72 - 121     |
| Chloroform                                    | 10          | 9.05       |               | ppb v/v |   | 88   | 73 - 124     |
| Tetrahydrofuran                               | 9.8         | 9.07       |               | ppb v/v |   | 92   | 60 - 149     |
| 1,1,1-Trichloroethane                         | 10          | 9.00       |               | ppb v/v |   | 87   | 72 - 127     |
| Cyclohexane                                   | 10          | 9.30       |               | ppb v/v |   | 91   | 76 - 124     |
| Carbon tetrachloride                          | 10          | 8.92       |               | ppb v/v |   | 89   | 71 - 133     |
| 2,2,4-Trimethylpentane                        | 10          | 9.51       |               | ppb v/v |   | 94   | 68 - 131     |
| Benzene                                       | 10          | 9.63       |               | ppb v/v |   | 93   | 73 - 119     |
| 1,2-Dichloroethane                            | 10          | 8.99       |               | ppb v/v |   | 86   | 68 - 135     |
| n-Heptane                                     | 10          | 9.17       |               | ppb v/v |   | 89   | 60 - 142     |
| Trichloroethene                               | 10          | 10.5       |               | ppb v/v |   | 102  | 73 - 122     |
| Methyl methacrylate                           | 10          | 9.75       |               | ppb v/v |   | 96   | 73 - 129     |
| 1,2-Dichloropropane                           | 10          | 9.53       |               | ppb v/v |   | 92   | 69 - 128     |
| 1,4-Dioxane                                   | 10          | 10.4       |               | ppb v/v |   | 101  | 66 - 129     |
| Bromodichloromethane                          | 10          | 9.66       |               | ppb v/v |   | 94   | 75 - 127     |
| cis-1,3-Dichloropropene                       | 9.9         | 9.80       |               | ppb v/v |   | 99   | 74 - 125     |
| 4-Methyl-2-pentanone (Methyl isobutyl ketone) | 10          | 9.18       |               | ppb v/v |   | 90   | 58 - 144     |
| Toluene                                       | 10          | 9.57       |               | ppb v/v |   | 94   | 75 - 122     |

Eurofins TestAmerica, Burlington

# QC Sample Results

Client: Stantec Consulting Services Inc  
Project/Site: Easton Cooper Industries

Job ID: 200-56451-1  
SDG: 200-56451-1

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

Lab Sample ID: LCS 200-162248/5

Matrix: Air

Analysis Batch: 162248

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

| Analyte                          | Spike Added | LCS Result | LCS Qualifier | Unit    | D | %Rec | %Rec. Limits |
|----------------------------------|-------------|------------|---------------|---------|---|------|--------------|
| trans-1,3-Dichloropropene        | 9.8         | 9.26       |               | ppb v/v |   | 94   | 74 - 128     |
| 1,1,2-Trichloroethane            | 10          | 9.63       |               | ppb v/v |   | 92   | 75 - 126     |
| Tetrachloroethene                | 10          | 9.18       |               | ppb v/v |   | 88   | 70 - 125     |
| Methyl Butyl Ketone (2-Hexanone) | 10          | 8.39       |               | ppb v/v |   | 83   | 57 - 143     |
| Dibromochloromethane             | 11          | 9.28       |               | ppb v/v |   | 88   | 73 - 125     |
| 1,2-Dibromoethane                | 11          | 10.1       |               | ppb v/v |   | 94   | 78 - 122     |
| Chlorobenzene                    | 10          | 9.80       |               | ppb v/v |   | 93   | 76 - 119     |
| Ethylbenzene                     | 10          | 9.65       |               | ppb v/v |   | 94   | 74 - 122     |
| m,p-Xylene                       | 20          | 19.7       |               | ppb v/v |   | 98   | 76 - 121     |
| o-Xylene                         | 10          | 9.75       |               | ppb v/v |   | 94   | 73 - 123     |
| Styrene                          | 10          | 10.3       |               | ppb v/v |   | 101  | 74 - 125     |
| Bromoform                        | 10          | 9.64       |               | ppb v/v |   | 94   | 53 - 149     |
| Cumene                           | 10          | 9.83       |               | ppb v/v |   | 94   | 73 - 123     |
| 1,1,2,2-Tetrachloroethane        | 10          | 9.21       |               | ppb v/v |   | 89   | 74 - 126     |
| n-Propylbenzene                  | 10          | 9.72       |               | ppb v/v |   | 94   | 73 - 127     |
| 4-Ethyltoluene                   | 10          | 9.90       |               | ppb v/v |   | 97   | 75 - 129     |
| 1,3,5-Trimethylbenzene           | 10          | 9.54       |               | ppb v/v |   | 91   | 72 - 126     |
| 2-Chlorotoluene                  | 10          | 9.74       |               | ppb v/v |   | 93   | 74 - 126     |
| tert-Butylbenzene                | 10          | 9.60       |               | ppb v/v |   | 92   | 71 - 125     |
| 1,2,4-Trimethylbenzene           | 10          | 9.86       |               | ppb v/v |   | 95   | 71 - 129     |
| sec-Butylbenzene                 | 10          | 10.1       |               | ppb v/v |   | 96   | 70 - 128     |
| 4-Isopropyltoluene               | 10          | 9.68       |               | ppb v/v |   | 92   | 68 - 130     |
| 1,3-Dichlorobenzene              | 10          | 9.86       |               | ppb v/v |   | 97   | 69 - 131     |
| 1,4-Dichlorobenzene              | 10          | 9.84       |               | ppb v/v |   | 95   | 67 - 132     |
| Benzyl chloride                  | 10          | 10.1       |               | ppb v/v |   | 99   | 60 - 136     |
| n-Butylbenzene                   | 11          | 10.0       |               | ppb v/v |   | 95   | 65 - 137     |
| 1,2-Dichlorobenzene              | 11          | 9.81       |               | ppb v/v |   | 91   | 68 - 129     |
| 1,2,4-Trichlorobenzene           | 11          | 9.74       |               | ppb v/v |   | 89   | 50 - 150     |
| Hexachlorobutadiene              | 11          | 9.04       |               | ppb v/v |   | 83   | 58 - 130     |
| Naphthalene                      | 10          | 8.58       |               | ppb v/v |   | 82   | 50 - 150     |

Lab Sample ID: MB 200-162293/5

Matrix: Air

Analysis Batch: 162293

Client Sample ID: Method Blank

Prep Type: Total/NA

| Analyte                        | MB Result | MB Qualifier | RL   | MDL  | Unit  | D | Prepared | Analyzed       | Dil Fac |
|--------------------------------|-----------|--------------|------|------|-------|---|----------|----------------|---------|
| Dichlorodifluoromethane        | 2.5       | U            | 2.5  | 0.54 | ug/m3 |   |          | 12/21/20 10:52 | 1       |
| Chlorodifluoromethane          | 1.8       | U            | 1.8  | 0.42 | ug/m3 |   |          | 12/21/20 10:52 | 1       |
| 1,2-Dichlorotetrafluoroethane  | 1.4       | U            | 1.4  | 0.24 | ug/m3 |   |          | 12/21/20 10:52 | 1       |
| Chloromethane                  | 1.0       | U            | 1.0  | 0.23 | ug/m3 |   |          | 12/21/20 10:52 | 1       |
| n-Butane                       | 1.2       | U            | 1.2  | 0.26 | ug/m3 |   |          | 12/21/20 10:52 | 1       |
| Vinyl chloride                 | 0.20      | U            | 0.20 | 0.11 | ug/m3 |   |          | 12/21/20 10:52 | 1       |
| 1,3-Butadiene                  | 0.44      | U            | 0.44 | 0.13 | ug/m3 |   |          | 12/21/20 10:52 | 1       |
| Bromomethane                   | 0.78      | U            | 0.78 | 0.20 | ug/m3 |   |          | 12/21/20 10:52 | 1       |
| Chloroethane                   | 1.3       | U            | 1.3  | 0.14 | ug/m3 |   |          | 12/21/20 10:52 | 1       |
| Bromoethene(Vinyl Bromide)     | 0.87      | U            | 0.87 | 0.23 | ug/m3 |   |          | 12/21/20 10:52 | 1       |
| Trichlorofluoromethane         | 1.1       | U            | 1.1  | 0.34 | ug/m3 |   |          | 12/21/20 10:52 | 1       |
| 1,1,2-Trichlorotrifluoroethane | 1.5       | U            | 1.5  | 0.29 | ug/m3 |   |          | 12/21/20 10:52 | 1       |

Eurofins TestAmerica, Burlington

# QC Sample Results

Client: Stantec Consulting Services Inc  
Project/Site: Easton Cooper Industries

Job ID: 200-56451-1  
SDG: 200-56451-1

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

Lab Sample ID: MB 200-162293/5

Matrix: Air

Analysis Batch: 162293

Client Sample ID: Method Blank

Prep Type: Total/NA

| Analyte                                       | MB<br>Result | MB<br>Qualifier | RL   | MDL  | Unit  | D | Prepared | Analyzed       | Dil Fac |
|-----------------------------------------------|--------------|-----------------|------|------|-------|---|----------|----------------|---------|
| 1,1-Dichloroethene                            | 0.20         | U               | 0.20 | 0.15 | ug/m3 |   |          | 12/21/20 10:52 | 1       |
| Acetone                                       | 12           | U               | 12   | 2.9  | ug/m3 |   |          | 12/21/20 10:52 | 1       |
| Isopropyl alcohol                             | 12           | U               | 12   | 1.2  | ug/m3 |   |          | 12/21/20 10:52 | 1       |
| Carbon disulfide                              | 1.6          | U               | 1.6  | 0.23 | ug/m3 |   |          | 12/21/20 10:52 | 1       |
| 3-Chloropropene                               | 1.6          | U               | 1.6  | 0.20 | ug/m3 |   |          | 12/21/20 10:52 | 1       |
| Methylene Chloride                            | 1.7          | U               | 1.7  | 0.94 | ug/m3 |   |          | 12/21/20 10:52 | 1       |
| tert-Butyl alcohol                            | 15           | U               | 15   | 0.12 | ug/m3 |   |          | 12/21/20 10:52 | 1       |
| Methyl tert-butyl ether                       | 0.72         | U               | 0.72 | 0.12 | ug/m3 |   |          | 12/21/20 10:52 | 1       |
| trans-1,2-Dichloroethene                      | 0.79         | U               | 0.79 | 0.17 | ug/m3 |   |          | 12/21/20 10:52 | 1       |
| n-Hexane                                      | 0.70         | U               | 0.70 | 0.70 | ug/m3 |   |          | 12/21/20 10:52 | 1       |
| 1,1-Dichloroethane                            | 0.81         | U               | 0.81 | 0.17 | ug/m3 |   |          | 12/21/20 10:52 | 1       |
| Methyl Ethyl Ketone (2-Butanone)              | 1.5          | U               | 1.5  | 0.21 | ug/m3 |   |          | 12/21/20 10:52 | 1       |
| cis-1,2-Dichloroethene                        | 0.20         | U               | 0.20 | 0.18 | ug/m3 |   |          | 12/21/20 10:52 | 1       |
| Chloroform                                    | 0.98         | U               | 0.98 | 0.16 | ug/m3 |   |          | 12/21/20 10:52 | 1       |
| Tetrahydrofuran                               | 15           | U               | 15   | 0.19 | ug/m3 |   |          | 12/21/20 10:52 | 1       |
| 1,1,1-Trichloroethane                         | 1.1          | U               | 1.1  | 0.20 | ug/m3 |   |          | 12/21/20 10:52 | 1       |
| Cyclohexane                                   | 0.69         | U               | 0.69 | 0.16 | ug/m3 |   |          | 12/21/20 10:52 | 1       |
| Carbon tetrachloride                          | 0.22         | U               | 0.22 | 0.15 | ug/m3 |   |          | 12/21/20 10:52 | 1       |
| 2,2,4-Trimethylpentane                        | 0.93         | U               | 0.93 | 0.19 | ug/m3 |   |          | 12/21/20 10:52 | 1       |
| Benzene                                       | 0.64         | U               | 0.64 | 0.21 | ug/m3 |   |          | 12/21/20 10:52 | 1       |
| 1,2-Dichloroethane                            | 0.81         | U               | 0.81 | 0.13 | ug/m3 |   |          | 12/21/20 10:52 | 1       |
| n-Heptane                                     | 0.82         | U               | 0.82 | 0.23 | ug/m3 |   |          | 12/21/20 10:52 | 1       |
| Trichloroethene                               | 0.20         | U               | 0.20 | 0.19 | ug/m3 |   |          | 12/21/20 10:52 | 1       |
| Methyl methacrylate                           | 2.0          | U               | 2.0  | 0.14 | ug/m3 |   |          | 12/21/20 10:52 | 1       |
| 1,2-Dichloropropane                           | 0.92         | U               | 0.92 | 0.15 | ug/m3 |   |          | 12/21/20 10:52 | 1       |
| 1,4-Dioxane                                   | 18           | U               | 18   | 0.30 | ug/m3 |   |          | 12/21/20 10:52 | 1       |
| Bromodichloromethane                          | 1.3          | U               | 1.3  | 0.23 | ug/m3 |   |          | 12/21/20 10:52 | 1       |
| cis-1,3-Dichloropropene                       | 0.91         | U               | 0.91 | 0.15 | ug/m3 |   |          | 12/21/20 10:52 | 1       |
| 4-Methyl-2-pentanone (Methyl isobutyl ketone) | 2.0          | U               | 2.0  | 0.15 | ug/m3 |   |          | 12/21/20 10:52 | 1       |
| Toluene                                       | 0.75         | U               | 0.75 | 0.41 | ug/m3 |   |          | 12/21/20 10:52 | 1       |
| trans-1,3-Dichloropropene                     | 0.91         | U               | 0.91 | 0.18 | ug/m3 |   |          | 12/21/20 10:52 | 1       |
| 1,1,2-Trichloroethane                         | 1.1          | U               | 1.1  | 0.20 | ug/m3 |   |          | 12/21/20 10:52 | 1       |
| Tetrachloroethene                             | 1.4          | U               | 1.4  | 0.22 | ug/m3 |   |          | 12/21/20 10:52 | 1       |
| Methyl Butyl Ketone (2-Hexanone)              | 2.0          | U               | 2.0  | 0.20 | ug/m3 |   |          | 12/21/20 10:52 | 1       |
| Dibromochloromethane                          | 1.7          | U               | 1.7  | 0.31 | ug/m3 |   |          | 12/21/20 10:52 | 1       |
| 1,2-Dibromoethane                             | 1.5          | U               | 1.5  | 0.38 | ug/m3 |   |          | 12/21/20 10:52 | 1       |
| Chlorobenzene                                 | 0.92         | U               | 0.92 | 0.26 | ug/m3 |   |          | 12/21/20 10:52 | 1       |
| Ethylbenzene                                  | 0.87         | U               | 0.87 | 0.27 | ug/m3 |   |          | 12/21/20 10:52 | 1       |
| m,p-Xylene                                    | 2.2          | U               | 2.2  | 0.43 | ug/m3 |   |          | 12/21/20 10:52 | 1       |
| o-Xylene                                      | 0.87         | U               | 0.87 | 0.21 | ug/m3 |   |          | 12/21/20 10:52 | 1       |
| Styrene                                       | 0.85         | U               | 0.85 | 0.17 | ug/m3 |   |          | 12/21/20 10:52 | 1       |
| Bromoform                                     | 2.1          | U               | 2.1  | 0.50 | ug/m3 |   |          | 12/21/20 10:52 | 1       |
| Cumene                                        | 0.98         | U               | 0.98 | 0.17 | ug/m3 |   |          | 12/21/20 10:52 | 1       |
| 1,1,2,2-Tetrachloroethane                     | 1.4          | U               | 1.4  | 0.29 | ug/m3 |   |          | 12/21/20 10:52 | 1       |
| n-Propylbenzene                               | 0.98         | U               | 0.98 | 0.19 | ug/m3 |   |          | 12/21/20 10:52 | 1       |
| 4-Ethyltoluene                                | 0.98         | U               | 0.98 | 0.20 | ug/m3 |   |          | 12/21/20 10:52 | 1       |
| 1,3,5-Trimethylbenzene                        | 0.98         | U               | 0.98 | 0.19 | ug/m3 |   |          | 12/21/20 10:52 | 1       |
| 2-Chlorotoluene                               | 1.0          | U               | 1.0  | 0.22 | ug/m3 |   |          | 12/21/20 10:52 | 1       |

Eurofins TestAmerica, Burlington

# QC Sample Results

Client: Stantec Consulting Services Inc  
Project/Site: Easton Cooper Industries

Job ID: 200-56451-1  
SDG: 200-56451-1

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

Lab Sample ID: MB 200-162293/5

Matrix: Air

Analysis Batch: 162293

Client Sample ID: Method Blank

Prep Type: Total/NA

| Analyte                | MB Result | MB Qualifier | RL   | MDL  | Unit  | D | Prepared | Analyzed       | Dil Fac |
|------------------------|-----------|--------------|------|------|-------|---|----------|----------------|---------|
| tert-Butylbenzene      | 1.1       | U            | 1.1  | 0.19 | ug/m3 |   |          | 12/21/20 10:52 | 1       |
| 1,2,4-Trimethylbenzene | 0.98      | U            | 0.98 | 0.22 | ug/m3 |   |          | 12/21/20 10:52 | 1       |
| sec-Butylbenzene       | 1.1       | U            | 1.1  | 0.19 | ug/m3 |   |          | 12/21/20 10:52 | 1       |
| 4-Isopropyltoluene     | 1.1       | U            | 1.1  | 0.21 | ug/m3 |   |          | 12/21/20 10:52 | 1       |
| 1,3-Dichlorobenzene    | 1.2       | U            | 1.2  | 0.66 | ug/m3 |   |          | 12/21/20 10:52 | 1       |
| 1,4-Dichlorobenzene    | 1.2       | U            | 1.2  | 0.72 | ug/m3 |   |          | 12/21/20 10:52 | 1       |
| Benzyl chloride        | 1.0       | U            | 1.0  | 0.44 | ug/m3 |   |          | 12/21/20 10:52 | 1       |
| n-Butylbenzene         | 1.1       | U            | 1.1  | 0.21 | ug/m3 |   |          | 12/21/20 10:52 | 1       |
| 1,2-Dichlorobenzene    | 1.2       | U            | 1.2  | 0.58 | ug/m3 |   |          | 12/21/20 10:52 | 1       |
| 1,2,4-Trichlorobenzene | 3.7       | U            | 3.7  | 1.6  | ug/m3 |   |          | 12/21/20 10:52 | 1       |
| Hexachlorobutadiene    | 2.1       | U            | 2.1  | 0.81 | ug/m3 |   |          | 12/21/20 10:52 | 1       |
| Naphthalene            | 2.6       | U            | 2.6  | 0.89 | ug/m3 |   |          | 12/21/20 10:52 | 1       |

| Analyte                          | MB Result | MB Qualifier | RL    | MDL   | Unit    | D | Prepared | Analyzed       | Dil Fac |
|----------------------------------|-----------|--------------|-------|-------|---------|---|----------|----------------|---------|
| Dichlorodifluoromethane          | 0.50      | U            | 0.50  | 0.11  | ppb v/v |   |          | 12/21/20 10:52 | 1       |
| Chlorodifluoromethane            | 0.50      | U            | 0.50  | 0.12  | ppb v/v |   |          | 12/21/20 10:52 | 1       |
| 1,2-Dichlorotetrafluoroethane    | 0.20      | U            | 0.20  | 0.035 | ppb v/v |   |          | 12/21/20 10:52 | 1       |
| Chloromethane                    | 0.50      | U            | 0.50  | 0.11  | ppb v/v |   |          | 12/21/20 10:52 | 1       |
| n-Butane                         | 0.50      | U            | 0.50  | 0.11  | ppb v/v |   |          | 12/21/20 10:52 | 1       |
| Vinyl chloride                   | 0.078     | U            | 0.078 | 0.044 | ppb v/v |   |          | 12/21/20 10:52 | 1       |
| 1,3-Butadiene                    | 0.20      | U            | 0.20  | 0.057 | ppb v/v |   |          | 12/21/20 10:52 | 1       |
| Bromomethane                     | 0.20      | U            | 0.20  | 0.051 | ppb v/v |   |          | 12/21/20 10:52 | 1       |
| Chloroethane                     | 0.50      | U            | 0.50  | 0.054 | ppb v/v |   |          | 12/21/20 10:52 | 1       |
| Bromoethene(Vinyl Bromide)       | 0.20      | U            | 0.20  | 0.052 | ppb v/v |   |          | 12/21/20 10:52 | 1       |
| Trichlorofluoromethane           | 0.20      | U            | 0.20  | 0.060 | ppb v/v |   |          | 12/21/20 10:52 | 1       |
| 1,1,2-Trichlorotrifluoroethane   | 0.20      | U            | 0.20  | 0.038 | ppb v/v |   |          | 12/21/20 10:52 | 1       |
| 1,1-Dichloroethene               | 0.050     | U            | 0.050 | 0.039 | ppb v/v |   |          | 12/21/20 10:52 | 1       |
| Acetone                          | 5.0       | U            | 5.0   | 1.2   | ppb v/v |   |          | 12/21/20 10:52 | 1       |
| Isopropyl alcohol                | 5.0       | U            | 5.0   | 0.48  | ppb v/v |   |          | 12/21/20 10:52 | 1       |
| Carbon disulfide                 | 0.50      | U            | 0.50  | 0.074 | ppb v/v |   |          | 12/21/20 10:52 | 1       |
| 3-Chloropropene                  | 0.50      | U            | 0.50  | 0.064 | ppb v/v |   |          | 12/21/20 10:52 | 1       |
| Methylene Chloride               | 0.50      | U            | 0.50  | 0.27  | ppb v/v |   |          | 12/21/20 10:52 | 1       |
| tert-Butyl alcohol               | 5.0       | U            | 5.0   | 0.038 | ppb v/v |   |          | 12/21/20 10:52 | 1       |
| Methyl tert-butyl ether          | 0.20      | U            | 0.20  | 0.033 | ppb v/v |   |          | 12/21/20 10:52 | 1       |
| trans-1,2-Dichloroethene         | 0.20      | U            | 0.20  | 0.042 | ppb v/v |   |          | 12/21/20 10:52 | 1       |
| n-Hexane                         | 0.20      | U            | 0.20  | 0.20  | ppb v/v |   |          | 12/21/20 10:52 | 1       |
| 1,1-Dichloroethane               | 0.20      | U            | 0.20  | 0.041 | ppb v/v |   |          | 12/21/20 10:52 | 1       |
| Methyl Ethyl Ketone (2-Butanone) | 0.50      | U            | 0.50  | 0.072 | ppb v/v |   |          | 12/21/20 10:52 | 1       |
| cis-1,2-Dichloroethene           | 0.050     | U            | 0.050 | 0.045 | ppb v/v |   |          | 12/21/20 10:52 | 1       |
| Chloroform                       | 0.20      | U            | 0.20  | 0.032 | ppb v/v |   |          | 12/21/20 10:52 | 1       |
| Tetrahydrofuran                  | 5.0       | U            | 5.0   | 0.066 | ppb v/v |   |          | 12/21/20 10:52 | 1       |
| 1,1,1-Trichloroethane            | 0.20      | U            | 0.20  | 0.036 | ppb v/v |   |          | 12/21/20 10:52 | 1       |
| Cyclohexane                      | 0.20      | U            | 0.20  | 0.046 | ppb v/v |   |          | 12/21/20 10:52 | 1       |
| Carbon tetrachloride             | 0.035     | U            | 0.035 | 0.024 | ppb v/v |   |          | 12/21/20 10:52 | 1       |
| 2,2,4-Trimethylpentane           | 0.20      | U            | 0.20  | 0.041 | ppb v/v |   |          | 12/21/20 10:52 | 1       |
| Benzene                          | 0.20      | U            | 0.20  | 0.067 | ppb v/v |   |          | 12/21/20 10:52 | 1       |
| 1,2-Dichloroethane               | 0.20      | U            | 0.20  | 0.032 | ppb v/v |   |          | 12/21/20 10:52 | 1       |
| n-Heptane                        | 0.20      | U            | 0.20  | 0.056 | ppb v/v |   |          | 12/21/20 10:52 | 1       |
| Trichloroethene                  | 0.037     | U            | 0.037 | 0.035 | ppb v/v |   |          | 12/21/20 10:52 | 1       |

Eurofins TestAmerica, Burlington

# QC Sample Results

Client: Stantec Consulting Services Inc  
Project/Site: Easton Cooper Industries

Job ID: 200-56451-1  
SDG: 200-56451-1

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

Lab Sample ID: MB 200-162293/5

Matrix: Air

Analysis Batch: 162293

Client Sample ID: Method Blank

Prep Type: Total/NA

| Analyte                                       | MB Result | MB Qualifier | RL   | MDL   | Unit    | D | Prepared | Analyzed       | Dil Fac |
|-----------------------------------------------|-----------|--------------|------|-------|---------|---|----------|----------------|---------|
| Methyl methacrylate                           | 0.50      | U            | 0.50 | 0.033 | ppb v/v |   |          | 12/21/20 10:52 | 1       |
| 1,2-Dichloropropane                           | 0.20      | U            | 0.20 | 0.033 | ppb v/v |   |          | 12/21/20 10:52 | 1       |
| 1,4-Dioxane                                   | 5.0       | U            | 5.0  | 0.084 | ppb v/v |   |          | 12/21/20 10:52 | 1       |
| Bromodichloromethane                          | 0.20      | U            | 0.20 | 0.035 | ppb v/v |   |          | 12/21/20 10:52 | 1       |
| cis-1,3-Dichloropropene                       | 0.20      | U            | 0.20 | 0.032 | ppb v/v |   |          | 12/21/20 10:52 | 1       |
| 4-Methyl-2-pentanone (Methyl isobutyl ketone) | 0.50      | U            | 0.50 | 0.036 | ppb v/v |   |          | 12/21/20 10:52 | 1       |
| Toluene                                       | 0.20      | U            | 0.20 | 0.11  | ppb v/v |   |          | 12/21/20 10:52 | 1       |
| trans-1,3-Dichloropropene                     | 0.20      | U            | 0.20 | 0.039 | ppb v/v |   |          | 12/21/20 10:52 | 1       |
| 1,1,2-Trichloroethane                         | 0.20      | U            | 0.20 | 0.036 | ppb v/v |   |          | 12/21/20 10:52 | 1       |
| Tetrachloroethene                             | 0.20      | U            | 0.20 | 0.033 | ppb v/v |   |          | 12/21/20 10:52 | 1       |
| Methyl Butyl Ketone (2-Hexanone)              | 0.50      | U            | 0.50 | 0.048 | ppb v/v |   |          | 12/21/20 10:52 | 1       |
| Dibromochloromethane                          | 0.20      | U            | 0.20 | 0.036 | ppb v/v |   |          | 12/21/20 10:52 | 1       |
| 1,2-Dibromoethane                             | 0.20      | U            | 0.20 | 0.049 | ppb v/v |   |          | 12/21/20 10:52 | 1       |
| Chlorobenzene                                 | 0.20      | U            | 0.20 | 0.056 | ppb v/v |   |          | 12/21/20 10:52 | 1       |
| Ethylbenzene                                  | 0.20      | U            | 0.20 | 0.063 | ppb v/v |   |          | 12/21/20 10:52 | 1       |
| m,p-Xylene                                    | 0.50      | U            | 0.50 | 0.10  | ppb v/v |   |          | 12/21/20 10:52 | 1       |
| o-Xylene                                      | 0.20      | U            | 0.20 | 0.048 | ppb v/v |   |          | 12/21/20 10:52 | 1       |
| Styrene                                       | 0.20      | U            | 0.20 | 0.040 | ppb v/v |   |          | 12/21/20 10:52 | 1       |
| Bromoform                                     | 0.20      | U            | 0.20 | 0.048 | ppb v/v |   |          | 12/21/20 10:52 | 1       |
| Cumene                                        | 0.20      | U            | 0.20 | 0.035 | ppb v/v |   |          | 12/21/20 10:52 | 1       |
| 1,1,2,2-Tetrachloroethane                     | 0.20      | U            | 0.20 | 0.042 | ppb v/v |   |          | 12/21/20 10:52 | 1       |
| n-Propylbenzene                               | 0.20      | U            | 0.20 | 0.039 | ppb v/v |   |          | 12/21/20 10:52 | 1       |
| 4-Ethyltoluene                                | 0.20      | U            | 0.20 | 0.041 | ppb v/v |   |          | 12/21/20 10:52 | 1       |
| 1,3,5-Trimethylbenzene                        | 0.20      | U            | 0.20 | 0.039 | ppb v/v |   |          | 12/21/20 10:52 | 1       |
| 2-Chlorotoluene                               | 0.20      | U            | 0.20 | 0.042 | ppb v/v |   |          | 12/21/20 10:52 | 1       |
| tert-Butylbenzene                             | 0.20      | U            | 0.20 | 0.035 | ppb v/v |   |          | 12/21/20 10:52 | 1       |
| 1,2,4-Trimethylbenzene                        | 0.20      | U            | 0.20 | 0.044 | ppb v/v |   |          | 12/21/20 10:52 | 1       |
| sec-Butylbenzene                              | 0.20      | U            | 0.20 | 0.035 | ppb v/v |   |          | 12/21/20 10:52 | 1       |
| 4-Isopropyltoluene                            | 0.20      | U            | 0.20 | 0.039 | ppb v/v |   |          | 12/21/20 10:52 | 1       |
| 1,3-Dichlorobenzene                           | 0.20      | U            | 0.20 | 0.11  | ppb v/v |   |          | 12/21/20 10:52 | 1       |
| 1,4-Dichlorobenzene                           | 0.20      | U            | 0.20 | 0.12  | ppb v/v |   |          | 12/21/20 10:52 | 1       |
| Benzyl chloride                               | 0.20      | U            | 0.20 | 0.085 | ppb v/v |   |          | 12/21/20 10:52 | 1       |
| n-Butylbenzene                                | 0.20      | U            | 0.20 | 0.039 | ppb v/v |   |          | 12/21/20 10:52 | 1       |
| 1,2-Dichlorobenzene                           | 0.20      | U            | 0.20 | 0.097 | ppb v/v |   |          | 12/21/20 10:52 | 1       |
| 1,2,4-Trichlorobenzene                        | 0.50      | U            | 0.50 | 0.22  | ppb v/v |   |          | 12/21/20 10:52 | 1       |
| Hexachlorobutadiene                           | 0.20      | U            | 0.20 | 0.076 | ppb v/v |   |          | 12/21/20 10:52 | 1       |
| Naphthalene                                   | 0.50      | U            | 0.50 | 0.17  | ppb v/v |   |          | 12/21/20 10:52 | 1       |

Lab Sample ID: LCS 200-162293/4

Matrix: Air

Analysis Batch: 162293

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

| Analyte                       | Spike Added | LCS Result | LCS Qualifier | Unit  | D | %Rec | %Rec. Limits |
|-------------------------------|-------------|------------|---------------|-------|---|------|--------------|
| Dichlorodifluoromethane       | 52.3        | 54.2       |               | ug/m3 |   | 104  | 61 - 142     |
| Chlorodifluoromethane         | 37.4        | 40.2       |               | ug/m3 |   | 107  | 60 - 147     |
| 1,2-Dichlorotetrafluoroethane | 74.0        | 72.6       |               | ug/m3 |   | 98   | 71 - 141     |
| Chloromethane                 | 20.5        | 22.7       |               | ug/m3 |   | 111  | 56 - 141     |
| n-Butane                      | 24.5        | 27.7       |               | ug/m3 |   | 113  | 53 - 151     |

Eurofins TestAmerica, Burlington



# QC Sample Results

Client: Stantec Consulting Services Inc  
Project/Site: Easton Cooper Industries

Job ID: 200-56451-1  
SDG: 200-56451-1

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

Lab Sample ID: LCS 200-162293/4

Matrix: Air

Analysis Batch: 162293

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

| Analyte                                       | Spike Added | LCS Result | LCS Qualifier | Unit  | D | %Rec | %Rec. Limits |
|-----------------------------------------------|-------------|------------|---------------|-------|---|------|--------------|
| Vinyl chloride                                | 25.5        | 28.5       |               | ug/m3 |   | 112  | 61 - 135     |
| 1,3-Butadiene                                 | 21.5        | 24.0       |               | ug/m3 |   | 112  | 58 - 139     |
| Bromomethane                                  | 40.4        | 35.0       |               | ug/m3 |   | 87   | 72 - 124     |
| Chloroethane                                  | 27.9        | 26.8       |               | ug/m3 |   | 96   | 68 - 130     |
| Bromoethene(Vinyl Bromide)                    | 44.0        | 41.2       |               | ug/m3 |   | 94   | 75 - 125     |
| Trichlorofluoromethane                        | 58.5        | 63.5       |               | ug/m3 |   | 109  | 70 - 129     |
| 1,1,2-Trichlorotrifluoroethane                | 81.8        | 73.7       |               | ug/m3 |   | 90   | 70 - 121     |
| 1,1-Dichloroethene                            | 40.4        | 34.3       |               | ug/m3 |   | 85   | 68 - 120     |
| Acetone                                       | 24.8        | 30.9       |               | ug/m3 |   | 125  | 54 - 154     |
| Isopropyl alcohol                             | 25.0        | 26.0       |               | ug/m3 |   | 104  | 53 - 142     |
| Carbon disulfide                              | 32.3        | 28.8       |               | ug/m3 |   | 89   | 71 - 138     |
| 3-Chloropropene                               | 33.6        | 32.0       |               | ug/m3 |   | 95   | 50 - 150     |
| Methylene Chloride                            | 35.6        | 37.5       |               | ug/m3 |   | 105  | 59 - 137     |
| tert-Butyl alcohol                            | 32.7        | 31.2       |               | ug/m3 |   | 95   | 66 - 132     |
| Methyl tert-butyl ether                       | 38.1        | 34.7       |               | ug/m3 |   | 91   | 70 - 127     |
| trans-1,2-Dichloroethene                      | 40.9        | 36.8       |               | ug/m3 |   | 90   | 69 - 137     |
| n-Hexane                                      | 36.9        | 32.9       |               | ug/m3 |   | 89   | 63 - 138     |
| 1,1-Dichloroethane                            | 41.6        | 34.5       |               | ug/m3 |   | 83   | 66 - 130     |
| Methyl Ethyl Ketone (2-Butanone)              | 30.5        | 26.6       |               | ug/m3 |   | 87   | 72 - 124     |
| cis-1,2-Dichloroethene                        | 41.1        | 33.8       |               | ug/m3 |   | 82   | 72 - 121     |
| Chloroform                                    | 50.4        | 46.7       |               | ug/m3 |   | 93   | 73 - 124     |
| Tetrahydrofuran                               | 28.9        | 31.4       |               | ug/m3 |   | 108  | 60 - 149     |
| 1,1,1-Trichloroethane                         | 56.3        | 55.7       |               | ug/m3 |   | 99   | 72 - 127     |
| Cyclohexane                                   | 35.2        | 28.8       |               | ug/m3 |   | 82   | 76 - 124     |
| Carbon tetrachloride                          | 63.2        | 67.8       |               | ug/m3 |   | 107  | 71 - 133     |
| 2,2,4-Trimethylpentane                        | 47.4        | 39.9       |               | ug/m3 |   | 84   | 68 - 131     |
| Benzene                                       | 33.2        | 28.7       |               | ug/m3 |   | 86   | 73 - 119     |
| 1,2-Dichloroethane                            | 42.3        | 43.5       |               | ug/m3 |   | 103  | 68 - 135     |
| n-Heptane                                     | 42.2        | 35.6       |               | ug/m3 |   | 84   | 60 - 142     |
| Trichloroethene                               | 55.3        | 50.2       |               | ug/m3 |   | 91   | 73 - 122     |
| Methyl methacrylate                           | 41.8        | 32.4       |               | ug/m3 |   | 77   | 73 - 129     |
| 1,2-Dichloropropane                           | 47.8        | 37.9       |               | ug/m3 |   | 79   | 69 - 128     |
| 1,4-Dioxane                                   | 37.1        | 33.1       |               | ug/m3 |   | 89   | 66 - 129     |
| Bromodichloromethane                          | 68.9        | 65.6       |               | ug/m3 |   | 95   | 75 - 127     |
| cis-1,3-Dichloropropene                       | 45.1        | 42.1       |               | ug/m3 |   | 93   | 74 - 125     |
| 4-Methyl-2-pentanone (Methyl isobutyl ketone) | 41.7        | 34.0       |               | ug/m3 |   | 82   | 58 - 144     |
| Toluene                                       | 38.4        | 32.5       |               | ug/m3 |   | 85   | 75 - 122     |
| trans-1,3-Dichloropropene                     | 44.7        | 40.1       |               | ug/m3 |   | 90   | 74 - 128     |
| 1,1,2-Trichloroethane                         | 57.2        | 48.1       |               | ug/m3 |   | 84   | 75 - 126     |
| Tetrachloroethene                             | 71.0        | 67.6       |               | ug/m3 |   | 95   | 70 - 125     |
| Methyl Butyl Ketone (2-Hexanone)              | 41.4        | 35.4       |               | ug/m3 |   | 85   | 57 - 143     |
| Dibromochloromethane                          | 90.3        | 85.4       |               | ug/m3 |   | 95   | 73 - 125     |
| 1,2-Dibromoethane                             | 81.9        | 78.0       |               | ug/m3 |   | 95   | 78 - 122     |
| Chlorobenzene                                 | 48.3        | 43.7       |               | ug/m3 |   | 90   | 76 - 119     |
| Ethylbenzene                                  | 44.4        | 36.0       |               | ug/m3 |   | 81   | 74 - 122     |
| m,p-Xylene                                    | 86.8        | 76.6       |               | ug/m3 |   | 88   | 76 - 121     |

Eurofins TestAmerica, Burlington

# QC Sample Results

Client: Stantec Consulting Services Inc  
Project/Site: Easton Cooper Industries

Job ID: 200-56451-1  
SDG: 200-56451-1

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

Lab Sample ID: LCS 200-162293/4

Matrix: Air

Analysis Batch: 162293

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

| Analyte                             | Spike Added | LCS Result | LCS Qualifier | Unit    | D | %Rec | %Rec. Limits |
|-------------------------------------|-------------|------------|---------------|---------|---|------|--------------|
| o-Xylene                            | 45.0        | 36.6       |               | ug/m3   |   | 81   | 73 - 123     |
| Styrene                             | 43.8        | 39.2       |               | ug/m3   |   | 90   | 74 - 125     |
| Bromoform                           | 106         | 114        |               | ug/m3   |   | 107  | 53 - 149     |
| Cumene                              | 51.4        | 45.7       |               | ug/m3   |   | 89   | 73 - 123     |
| 1,1,2,2-Tetrachloroethane           | 71.0        | 56.1       |               | ug/m3   |   | 79   | 74 - 126     |
| n-Propylbenzene                     | 50.9        | 44.7       |               | ug/m3   |   | 88   | 73 - 127     |
| 4-Ethyltoluene                      | 50.4        | 45.2       |               | ug/m3   |   | 90   | 75 - 129     |
| 1,3,5-Trimethylbenzene              | 51.6        | 44.2       |               | ug/m3   |   | 86   | 72 - 126     |
| 2-Chlorotoluene                     | 54.0        | 48.3       |               | ug/m3   |   | 90   | 74 - 126     |
| tert-Butylbenzene                   | 57.1        | 51.0       |               | ug/m3   |   | 89   | 71 - 125     |
| 1,2,4-Trimethylbenzene              | 51.3        | 44.8       |               | ug/m3   |   | 87   | 71 - 129     |
| sec-Butylbenzene                    | 57.4        | 49.0       |               | ug/m3   |   | 85   | 70 - 128     |
| 4-Isopropyltoluene                  | 57.6        | 48.6       |               | ug/m3   |   | 84   | 68 - 130     |
| 1,3-Dichlorobenzene                 | 61.1        | 59.6       |               | ug/m3   |   | 98   | 69 - 131     |
| 1,4-Dichlorobenzene                 | 62.5        | 60.2       |               | ug/m3   |   | 96   | 67 - 132     |
| Benzyl chloride                     | 52.6        | 46.3       |               | ug/m3   |   | 88   | 60 - 136     |
| n-Butylbenzene                      | 57.7        | 49.3       |               | ug/m3   |   | 85   | 65 - 137     |
| 1,2-Dichlorobenzene                 | 64.7        | 57.7       |               | ug/m3   |   | 89   | 68 - 129     |
| 1,2,4-Trichlorobenzene              | 81.5        | 80.8       |               | ug/m3   |   | 99   | 50 - 150     |
| Hexachlorobutadiene                 | 116         | 106        |               | ug/m3   |   | 92   | 58 - 130     |
| Naphthalene                         | 55.0        | 49.1       |               | ug/m3   |   | 89   | 50 - 150     |
| Analyte                             | Spike Added | LCS Result | LCS Qualifier | Unit    | D | %Rec | %Rec. Limits |
| Dichlorodifluoromethane             | 11          | 11.0       |               | ppb v/v |   | 104  | 61 - 142     |
| Chlorodifluoromethane               | 11          | 11.4       |               | ppb v/v |   | 107  | 60 - 147     |
| 1,2-Dichlorotetrafluoroethane       | 11          | 10.4       |               | ppb v/v |   | 98   | 71 - 141     |
| Chloromethane                       | 9.9         | 11.0       |               | ppb v/v |   | 111  | 56 - 141     |
| n-Butane                            | 10          | 11.7       |               | ppb v/v |   | 113  | 53 - 151     |
| Vinyl chloride                      | 10          | 11.2       |               | ppb v/v |   | 112  | 61 - 135     |
| 1,3-Butadiene                       | 9.7         | 10.8       |               | ppb v/v |   | 112  | 58 - 139     |
| Bromomethane                        | 10          | 9.02       |               | ppb v/v |   | 87   | 72 - 124     |
| Chloroethane                        | 11          | 10.2       |               | ppb v/v |   | 96   | 68 - 130     |
| Bromoethene(Vinyl Bromide)          | 10          | 9.41       |               | ppb v/v |   | 94   | 75 - 125     |
| Trichlorofluoromethane              | 10          | 11.3       |               | ppb v/v |   | 109  | 70 - 129     |
| 1,1,2-Trichlorotrifluoroethane      | 11          | 9.62       |               | ppb v/v |   | 90   | 70 - 121     |
| 1,1-Dichloroethene                  | 10          | 8.65       |               | ppb v/v |   | 85   | 68 - 120     |
| Acetone                             | 10          | 13.0       |               | ppb v/v |   | 125  | 54 - 154     |
| Isopropyl alcohol                   | 10          | 10.6       |               | ppb v/v |   | 104  | 53 - 142     |
| Carbon disulfide                    | 10          | 9.23       |               | ppb v/v |   | 89   | 71 - 138     |
| 3-Chloropropene                     | 11          | 10.2       |               | ppb v/v |   | 95   | 50 - 150     |
| Methylene Chloride                  | 10          | 10.8       |               | ppb v/v |   | 105  | 59 - 137     |
| tert-Butyl alcohol                  | 11          | 10.3       |               | ppb v/v |   | 95   | 66 - 132     |
| Methyl tert-butyl ether             | 11          | 9.62       |               | ppb v/v |   | 91   | 70 - 127     |
| trans-1,2-Dichloroethene            | 10          | 9.27       |               | ppb v/v |   | 90   | 69 - 137     |
| n-Hexane                            | 10          | 9.34       |               | ppb v/v |   | 89   | 63 - 138     |
| 1,1-Dichloroethane                  | 10          | 8.52       |               | ppb v/v |   | 83   | 66 - 130     |
| Methyl Ethyl Ketone<br>(2-Butanone) | 10          | 9.00       |               | ppb v/v |   | 87   | 72 - 124     |
| cis-1,2-Dichloroethene              | 10          | 8.53       |               | ppb v/v |   | 82   | 72 - 121     |

Eurofins TestAmerica, Burlington

# QC Sample Results

Client: Stantec Consulting Services Inc  
Project/Site: Easton Cooper Industries

Job ID: 200-56451-1  
SDG: 200-56451-1

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

Lab Sample ID: LCS 200-162293/4

Matrix: Air

Analysis Batch: 162293

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

| Analyte                                       | Spike Added | LCS Result | LCS Qualifier | Unit    | D | %Rec | %Rec. Limits |
|-----------------------------------------------|-------------|------------|---------------|---------|---|------|--------------|
| Chloroform                                    | 10          | 9.56       |               | ppb v/v |   | 93   | 73 - 124     |
| Tetrahydrofuran                               | 9.8         | 10.6       |               | ppb v/v |   | 108  | 60 - 149     |
| 1,1,1-Trichloroethane                         | 10          | 10.2       |               | ppb v/v |   | 99   | 72 - 127     |
| Cyclohexane                                   | 10          | 8.38       |               | ppb v/v |   | 82   | 76 - 124     |
| Carbon tetrachloride                          | 10          | 10.8       |               | ppb v/v |   | 107  | 71 - 133     |
| 2,2,4-Trimethylpentane                        | 10          | 8.53       |               | ppb v/v |   | 84   | 68 - 131     |
| Benzene                                       | 10          | 8.97       |               | ppb v/v |   | 86   | 73 - 119     |
| 1,2-Dichloroethane                            | 10          | 10.7       |               | ppb v/v |   | 103  | 68 - 135     |
| n-Heptane                                     | 10          | 8.68       |               | ppb v/v |   | 84   | 60 - 142     |
| Trichloroethene                               | 10          | 9.34       |               | ppb v/v |   | 91   | 73 - 122     |
| Methyl methacrylate                           | 10          | 7.91       |               | ppb v/v |   | 77   | 73 - 129     |
| 1,2-Dichloropropane                           | 10          | 8.20       |               | ppb v/v |   | 79   | 69 - 128     |
| 1,4-Dioxane                                   | 10          | 9.19       |               | ppb v/v |   | 89   | 66 - 129     |
| Bromodichloromethane                          | 10          | 9.79       |               | ppb v/v |   | 95   | 75 - 127     |
| cis-1,3-Dichloropropene                       | 9.9         | 9.28       |               | ppb v/v |   | 93   | 74 - 125     |
| 4-Methyl-2-pentanone (Methyl isobutyl ketone) | 10          | 8.30       |               | ppb v/v |   | 82   | 58 - 144     |
| Toluene                                       | 10          | 8.63       |               | ppb v/v |   | 85   | 75 - 122     |
| trans-1,3-Dichloropropene                     | 9.8         | 8.83       |               | ppb v/v |   | 90   | 74 - 128     |
| 1,1,2-Trichloroethane                         | 10          | 8.81       |               | ppb v/v |   | 84   | 75 - 126     |
| Tetrachloroethene                             | 10          | 9.97       |               | ppb v/v |   | 95   | 70 - 125     |
| Methyl Butyl Ketone (2-Hexanone)              | 10          | 8.64       |               | ppb v/v |   | 85   | 57 - 143     |
| Dibromochloromethane                          | 11          | 10.0       |               | ppb v/v |   | 95   | 73 - 125     |
| 1,2-Dibromoethane                             | 11          | 10.1       |               | ppb v/v |   | 95   | 78 - 122     |
| Chlorobenzene                                 | 10          | 9.48       |               | ppb v/v |   | 90   | 76 - 119     |
| Ethylbenzene                                  | 10          | 8.28       |               | ppb v/v |   | 81   | 74 - 122     |
| m,p-Xylene                                    | 20          | 17.7       |               | ppb v/v |   | 88   | 76 - 121     |
| o-Xylene                                      | 10          | 8.42       |               | ppb v/v |   | 81   | 73 - 123     |
| Styrene                                       | 10          | 9.21       |               | ppb v/v |   | 90   | 74 - 125     |
| Bromoform                                     | 10          | 11.0       |               | ppb v/v |   | 107  | 53 - 149     |
| Cumene                                        | 10          | 9.31       |               | ppb v/v |   | 89   | 73 - 123     |
| 1,1,2,2-Tetrachloroethane                     | 10          | 8.17       |               | ppb v/v |   | 79   | 74 - 126     |
| n-Propylbenzene                               | 10          | 9.09       |               | ppb v/v |   | 88   | 73 - 127     |
| 4-Ethyltoluene                                | 10          | 9.19       |               | ppb v/v |   | 90   | 75 - 129     |
| 1,3,5-Trimethylbenzene                        | 10          | 8.98       |               | ppb v/v |   | 86   | 72 - 126     |
| 2-Chlorotoluene                               | 10          | 9.33       |               | ppb v/v |   | 90   | 74 - 126     |
| tert-Butylbenzene                             | 10          | 9.29       |               | ppb v/v |   | 89   | 71 - 125     |
| 1,2,4-Trimethylbenzene                        | 10          | 9.12       |               | ppb v/v |   | 87   | 71 - 129     |
| sec-Butylbenzene                              | 10          | 8.92       |               | ppb v/v |   | 85   | 70 - 128     |
| 4-Isopropyltoluene                            | 10          | 8.85       |               | ppb v/v |   | 84   | 68 - 130     |
| 1,3-Dichlorobenzene                           | 10          | 9.92       |               | ppb v/v |   | 98   | 69 - 131     |
| 1,4-Dichlorobenzene                           | 10          | 10.0       |               | ppb v/v |   | 96   | 67 - 132     |
| Benzyl chloride                               | 10          | 8.94       |               | ppb v/v |   | 88   | 60 - 136     |
| n-Butylbenzene                                | 11          | 8.98       |               | ppb v/v |   | 85   | 65 - 137     |
| 1,2-Dichlorobenzene                           | 11          | 9.60       |               | ppb v/v |   | 89   | 68 - 129     |
| 1,2,4-Trichlorobenzene                        | 11          | 10.9       |               | ppb v/v |   | 99   | 50 - 150     |
| Hexachlorobutadiene                           | 11          | 9.96       |               | ppb v/v |   | 92   | 58 - 130     |
| Naphthalene                                   | 10          | 9.37       |               | ppb v/v |   | 89   | 50 - 150     |

# QC Association Summary

Client: Stantec Consulting Services Inc  
Project/Site: Easton Cooper Industries

Job ID: 200-56451-1  
SDG: 200-56451-1

## Air - GC/MS VOA

### Analysis Batch: 162240

| Lab Sample ID    | Client Sample ID   | Prep Type | Matrix | Method | Prep Batch |
|------------------|--------------------|-----------|--------|--------|------------|
| 200-56451-1      | SG-201             | Total/NA  | Air    | TO-15  |            |
| 200-56451-1 - DL | SG-201             | Total/NA  | Air    | TO-15  |            |
| 200-56451-2      | SG-202             | Total/NA  | Air    | TO-15  |            |
| 200-56451-3      | SG-203             | Total/NA  | Air    | TO-15  |            |
| 200-56451-4      | SG-204             | Total/NA  | Air    | TO-15  |            |
| 200-56451-5      | SG-205             | Total/NA  | Air    | TO-15  |            |
| 200-56451-5 - DL | SG-205             | Total/NA  | Air    | TO-15  |            |
| MB 200-162240/4  | Method Blank       | Total/NA  | Air    | TO-15  |            |
| LCS 200-162240/3 | Lab Control Sample | Total/NA  | Air    | TO-15  |            |

### Analysis Batch: 162248

| Lab Sample ID    | Client Sample ID   | Prep Type | Matrix | Method | Prep Batch |
|------------------|--------------------|-----------|--------|--------|------------|
| 200-56451-6      | SG-206             | Total/NA  | Air    | TO-15  |            |
| 200-56451-7      | SG-207             | Total/NA  | Air    | TO-15  |            |
| 200-56451-8      | TRIP BLANK         | Total/NA  | Air    | TO-15  |            |
| MB 200-162248/4  | Method Blank       | Total/NA  | Air    | TO-15  |            |
| LCS 200-162248/5 | Lab Control Sample | Total/NA  | Air    | TO-15  |            |

### Analysis Batch: 162293

| Lab Sample ID    | Client Sample ID   | Prep Type | Matrix | Method | Prep Batch |
|------------------|--------------------|-----------|--------|--------|------------|
| 200-56451-2 - DL | SG-202             | Total/NA  | Air    | TO-15  |            |
| MB 200-162293/5  | Method Blank       | Total/NA  | Air    | TO-15  |            |
| LCS 200-162293/4 | Lab Control Sample | Total/NA  | Air    | TO-15  |            |

# Lab Chronicle

Client: Stantec Consulting Services Inc  
Project/Site: Easton Cooper Industries

Job ID: 200-56451-1  
SDG: 200-56451-1

**Client Sample ID: SG-201**

**Lab Sample ID: 200-56451-1**

**Date Collected: 12/09/20 14:58**

**Matrix: Air**

**Date Received: 12/10/20 10:35**

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Prepared or Analyzed | Analyst | Lab     |
|-----------|------------|--------------|-----|-----------------|--------------|----------------------|---------|---------|
| Total/NA  | Analysis   | TO-15        |     | 1               | 162240       | 12/18/20 23:04       | A1B     | TAL BUR |
| Total/NA  | Analysis   | TO-15        | DL  | 4               | 162240       | 12/18/20 23:57       | A1B     | TAL BUR |

**Client Sample ID: SG-202**

**Lab Sample ID: 200-56451-2**

**Date Collected: 12/09/20 14:59**

**Matrix: Air**

**Date Received: 12/10/20 10:35**

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Prepared or Analyzed | Analyst | Lab     |
|-----------|------------|--------------|-----|-----------------|--------------|----------------------|---------|---------|
| Total/NA  | Analysis   | TO-15        | DL  | 2               | 162293       | 12/21/20 15:18       | TPB     | TAL BUR |
| Total/NA  | Analysis   | TO-15        |     | 1               | 162240       | 12/19/20 00:52       | A1B     | TAL BUR |

**Client Sample ID: SG-203**

**Lab Sample ID: 200-56451-3**

**Date Collected: 12/09/20 14:50**

**Matrix: Air**

**Date Received: 12/10/20 10:35**

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Prepared or Analyzed | Analyst | Lab     |
|-----------|------------|--------------|-----|-----------------|--------------|----------------------|---------|---------|
| Total/NA  | Analysis   | TO-15        |     | 1               | 162240       | 12/19/20 01:48       | A1B     | TAL BUR |

**Client Sample ID: SG-204**

**Lab Sample ID: 200-56451-4**

**Date Collected: 12/09/20 14:52**

**Matrix: Air**

**Date Received: 12/10/20 10:35**

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Prepared or Analyzed | Analyst | Lab     |
|-----------|------------|--------------|-----|-----------------|--------------|----------------------|---------|---------|
| Total/NA  | Analysis   | TO-15        |     | 1               | 162240       | 12/19/20 02:44       | A1B     | TAL BUR |

**Client Sample ID: SG-205**

**Lab Sample ID: 200-56451-5**

**Date Collected: 12/09/20 14:53**

**Matrix: Air**

**Date Received: 12/10/20 10:35**

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Prepared or Analyzed | Analyst | Lab     |
|-----------|------------|--------------|-----|-----------------|--------------|----------------------|---------|---------|
| Total/NA  | Analysis   | TO-15        |     | 1               | 162240       | 12/19/20 03:40       | A1B     | TAL BUR |
| Total/NA  | Analysis   | TO-15        | DL  | 15.4            | 162240       | 12/19/20 04:33       | A1B     | TAL BUR |

**Client Sample ID: SG-206**

**Lab Sample ID: 200-56451-6**

**Date Collected: 12/09/20 14:54**

**Matrix: Air**

**Date Received: 12/10/20 10:35**

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Prepared or Analyzed | Analyst | Lab     |
|-----------|------------|--------------|-----|-----------------|--------------|----------------------|---------|---------|
| Total/NA  | Analysis   | TO-15        |     | 1               | 162248       | 12/18/20 16:29       | K1P     | TAL BUR |

**Client Sample ID: SG-207**

**Lab Sample ID: 200-56451-7**

**Date Collected: 12/09/20 12:08**

**Matrix: Air**

**Date Received: 12/10/20 10:35**

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Prepared or Analyzed | Analyst | Lab     |
|-----------|------------|--------------|-----|-----------------|--------------|----------------------|---------|---------|
| Total/NA  | Analysis   | TO-15        |     | 1               | 162248       | 12/18/20 18:17       | K1P     | TAL BUR |

Eurofins TestAmerica, Burlington

# Lab Chronicle

Client: Stantec Consulting Services Inc  
Project/Site: Easton Cooper Industries

Job ID: 200-56451-1  
SDG: 200-56451-1

**Client Sample ID: TRIP BLANK**  
**Date Collected: 12/09/20 00:00**  
**Date Received: 12/10/20 10:35**

**Lab Sample ID: 200-56451-8**  
**Matrix: Air**

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Prepared or Analyzed | Analyst | Lab     |
|-----------|------------|--------------|-----|-----------------|--------------|----------------------|---------|---------|
| Total/NA  | Analysis   | TO-15        |     | 1               | 162248       | 12/18/20 19:12       | K1P     | TAL BUR |

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



## Accreditation/Certification Summary

Client: Stantec Consulting Services Inc  
Project/Site: Easton Cooper Industries

Job ID: 200-56451-1  
SDG: 200-56451-1

### Laboratory: Eurofins TestAmerica, 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                 | 04-01-21        |

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    | Cumene                           |
| 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: Stantec Consulting Services Inc  
Project/Site: Easton Cooper Industries

Job ID: 200-56451-1  
SDG: 200-56451-1

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

**Protocol References:**

EPA = US Environmental Protection Agency

**Laboratory References:**

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

# Sample Summary

Client: Stantec Consulting Services Inc  
Project/Site: Easton Cooper Industries

Job ID: 200-56451-1  
SDG: 200-56451-1

| Lab Sample ID | Client Sample ID | Matrix | Collected      | Received       | Asset ID                         |
|---------------|------------------|--------|----------------|----------------|----------------------------------|
| 200-56451-1   | SG-201           | Air    | 12/09/20 14:58 | 12/10/20 10:35 | Air Canister (6-Liter) #4488     |
| 200-56451-2   | SG-202           | Air    | 12/09/20 14:59 | 12/10/20 10:35 | Air Canister (6-Liter) #5098     |
| 200-56451-3   | SG-203           | Air    | 12/09/20 14:50 | 12/10/20 10:35 | Air Canister (6-Liter) #5121     |
| 200-56451-4   | SG-204           | Air    | 12/09/20 14:52 | 12/10/20 10:35 | Air Canister (6-Liter) #4345     |
| 200-56451-5   | SG-205           | Air    | 12/09/20 14:53 | 12/10/20 10:35 | Air Canister (6-Liter) #34001434 |
| 200-56451-6   | SG-206           | Air    | 12/09/20 14:54 | 12/10/20 10:35 | Air Canister (6-Liter) #4235     |
| 200-56451-7   | SG-207           | Air    | 12/09/20 12:08 | 12/10/20 10:35 | Air Canister (6-Liter) #3283     |
| 200-56451-8   | TRIP BLANK       | Air    | 12/09/20 00:00 | 12/10/20 10:35 | Air Canister (6-Liter) #5426     |

## AIR - GC/MS VOA MANUAL INTEGRATION SUMMARY

Lab Name: Eurofins TestAmerica, Burlin Job No.: 200-56451-1

SDG No.: 200-56451-1

Instrument ID: CHC.i Analysis Batch Number: 162223

Lab Sample ID: IC 200-162223/2 Client Sample ID:

Date Analyzed: 12/17/20 17:10 Lab File ID: 44129-02.D GC Column: RTX-624 ID: 0.32 (mm)

| COMPOUND NAME        | RETENTION<br>TIME | MANUAL INTEGRATION     |         |                |
|----------------------|-------------------|------------------------|---------|----------------|
|                      |                   | REASON                 | ANALYST | DATE           |
| Vinyl chloride       | 3.47              | Incomplete Integration | phamvu  | 12/18/20 08:36 |
| Carbon tetrachloride | 10.49             | Incomplete Integration | phamvu  | 12/18/20 08:37 |
| Tetrachloroethene    | 16.03             | Incomplete Integration | phamvu  | 12/18/20 08:38 |

Lab Sample ID: IC 200-162223/3 Client Sample ID:

Date Analyzed: 12/17/20 18:04 Lab File ID: 44129-03.D GC Column: RTX-624 ID: 0.32 (mm)

| COMPOUND NAME           | RETENTION<br>TIME | MANUAL INTEGRATION     |         |                |
|-------------------------|-------------------|------------------------|---------|----------------|
|                         |                   | REASON                 | ANALYST | DATE           |
| 1,1-Dichloroethene      | 5.92              | Incomplete Integration | phamvu  | 12/18/20 08:39 |
| Methylene Chloride      | 6.96              | Incomplete Integration | phamvu  | 12/18/20 08:40 |
| n-Hexane                | 7.86              | Incomplete Integration | phamvu  | 12/18/20 08:40 |
| cis-1,2-Dichloroethene  | 9.35              | Incomplete Integration | phamvu  | 12/18/20 08:40 |
| Chloroform              | 9.95              | Incomplete Integration | phamvu  | 12/18/20 08:40 |
| 1,1,1-Trichloroethane   | 10.22             | Incomplete Integration | phamvu  | 12/18/20 08:40 |
| Cyclohexane             | 10.22             | Incomplete Integration | phamvu  | 12/18/20 08:41 |
| Benzene                 | 10.92             | Incomplete Integration | phamvu  | 12/18/20 08:41 |
| n-Heptane               | 11.37             | Incomplete Integration | phamvu  | 12/18/20 08:41 |
| 1,2-Dichloropropane     | 12.75             | Incomplete Integration | phamvu  | 12/18/20 08:41 |
| Bromodichloromethane    | 13.32             | Incomplete Integration | phamvu  | 12/18/20 08:42 |
| cis-1,3-Dichloropropene | 14.28             | Incomplete Integration | phamvu  | 12/18/20 08:42 |
| Toluene                 | 14.89             | Incomplete Integration | phamvu  | 12/18/20 08:42 |
| 1,1,2-Trichloroethane   | 15.87             | Incomplete Integration | phamvu  | 12/18/20 08:42 |
| Tetrachloroethene       | 16.02             | Incomplete Integration | phamvu  | 12/18/20 08:42 |
| Bromoform               | 19.61             | Incomplete Integration | phamvu  | 12/18/20 08:43 |

## AIR - GC/MS VOA MANUAL INTEGRATION SUMMARY

Lab Name: Eurofins TestAmerica, Burlin Job No.: 200-56451-1SDG No.: 200-56451-1Instrument ID: CHC.i Analysis Batch Number: 162223Lab Sample ID: IC 200-162223/4 Client Sample ID: \_\_\_\_\_Date Analyzed: 12/17/20 18:58 Lab File ID: 44129-04.D GC Column: RTX-624 ID: 0.32 (mm)

| COMPOUND NAME           | RETENTION<br>TIME | MANUAL INTEGRATION     |         |                |
|-------------------------|-------------------|------------------------|---------|----------------|
|                         |                   | REASON                 | ANALYST | DATE           |
| 3-Chloropropene         | 6.68              | Incomplete Integration | phamvu  | 12/18/20 08:44 |
| Acrylonitrile           | 7.51              | Incomplete Integration | phamvu  | 12/18/20 08:44 |
| cis-1,2-Dichloroethene  | 9.34              | Incomplete Integration | phamvu  | 12/18/20 08:44 |
| Tetrahydrofuran         | 9.92              | Incomplete Integration | phamvu  | 12/18/20 08:45 |
| Chloroform              | 9.94              | Incomplete Integration | phamvu  | 12/18/20 08:45 |
| Cyclohexane             | 10.22             | Incomplete Integration | phamvu  | 12/18/20 08:45 |
| Benzene                 | 10.91             | Incomplete Integration | phamvu  | 12/18/20 08:45 |
| n-Heptane               | 11.36             | Incomplete Integration | phamvu  | 12/18/20 08:46 |
| Trichloroethene         | 12.23             | Incomplete Integration | phamvu  | 12/18/20 08:46 |
| 1,2-Dichloropropane     | 12.73             | Incomplete Integration | phamvu  | 12/18/20 08:46 |
| Dibromomethane          | 13.00             | Incomplete Integration | phamvu  | 12/18/20 08:46 |
| 1,4-Dioxane             | 13.13             | Incomplete Integration | phamvu  | 12/18/20 08:46 |
| cis-1,3-Dichloropropene | 14.27             | Incomplete Integration | phamvu  | 12/18/20 08:46 |
| Styrene                 | 19.19             | Incomplete Integration | phamvu  | 12/18/20 08:47 |
| Naphthalene             | 25.50             | Incomplete Integration | phamvu  | 12/18/20 08:47 |

Lab Sample ID: IC 200-162223/9 Client Sample ID: \_\_\_\_\_Date Analyzed: 12/17/20 23:30 Lab File ID: 44129-09.D GC Column: RTX-624 ID: 0.32 (mm)

| COMPOUND NAME | RETENTION<br>TIME | MANUAL INTEGRATION        |         |                |
|---------------|-------------------|---------------------------|---------|----------------|
|               |                   | REASON                    | ANALYST | DATE           |
| n-Butanol     | 12.24             | Peak assignment corrected | phamvu  | 12/18/20 09:10 |

## AIR - GC/MS VOA MANUAL INTEGRATION SUMMARY

Lab Name: Eurofins TestAmerica, Burlin Job No.: 200-56451-1SDG No.: 200-56451-1Instrument ID: CHC.i Analysis Batch Number: 162248Lab Sample ID: MB 200-162248/4 Client Sample ID: \_\_\_\_\_Date Analyzed: 12/18/20 13:45 Lab File ID: 44136-04.D GC Column: RTX-624 ID: 0.32 (mm)

| COMPOUND NAME               | RETENTION<br>TIME | MANUAL INTEGRATION  |                 |                |
|-----------------------------|-------------------|---------------------|-----------------|----------------|
|                             |                   | REASON              | ANALYST         | DATE           |
| 1,1-Dichloroethene          |                   | Invalid Compound ID | puangmale<br>ek | 12/21/20 14:54 |
| 1,2,4-Trichlorobenzene      |                   | Invalid Compound ID | puangmale<br>ek | 12/21/20 14:56 |
| Bromoethene (Vinyl Bromide) |                   | Invalid Compound ID | puangmale<br>ek | 12/21/20 14:54 |
| Vinyl chloride              |                   | Invalid Compound ID | puangmale<br>ek | 12/21/20 14:54 |



## AIR - GC/MS VOA MANUAL INTEGRATION SUMMARY

Lab Name: Eurofins TestAmerica, Burlin Job No.: 200-56451-1SDG No.: 200-56451-1Instrument ID: CHC.i Analysis Batch Number: 162248Lab Sample ID: 200-56451-6 Client Sample ID: SG-206Date Analyzed: 12/18/20 16:29 Lab File ID: 44136-07.D GC Column: RTX-624 ID: 0.32 (mm)

| COMPOUND NAME             | RETENTION TIME | MANUAL INTEGRATION  |                 |                |
|---------------------------|----------------|---------------------|-----------------|----------------|
|                           |                | REASON              | ANALYST         | DATE           |
| 1,1,2,2-Tetrachloroethane |                | Invalid Compound ID | puangmale<br>ek | 12/21/20 15:16 |
| 1,1,2-Trichloroethane     |                | Invalid Compound ID | puangmale<br>ek | 12/21/20 15:16 |
| 1,1-Dichloroethane        |                | Invalid Compound ID | puangmale<br>ek | 12/21/20 15:15 |
| 1,1-Dichloroethene        |                | Invalid Compound ID | puangmale<br>ek | 12/21/20 15:15 |
| 1,2-Dichlorobenzene       |                | Invalid Compound ID | puangmale<br>ek | 12/21/20 15:16 |
| 1,2-Dichloropropane       |                | Invalid Compound ID | puangmale<br>ek | 12/21/20 15:15 |
| 2-Chlorotoluene           |                | Invalid Compound ID | puangmale<br>ek | 12/21/20 15:16 |
| 3-Chloropropene           |                | Invalid Compound ID | puangmale<br>ek | 12/21/20 15:15 |
| Benzyl chloride           |                | Invalid Compound ID | puangmale<br>ek | 12/21/20 15:16 |
| Carbon tetrachloride      |                | Invalid Compound ID | puangmale<br>ek | 12/21/20 15:15 |
| Chlorobenzene             |                | Invalid Compound ID | puangmale<br>ek | 12/21/20 15:16 |
| Chlorodifluoromethane     |                | Invalid Compound ID | puangmale<br>ek | 12/21/20 15:14 |
| Chloroform                |                | Invalid Compound ID | puangmale<br>ek | 12/21/20 15:15 |
| Chloromethane             |                | Invalid Compound ID | puangmale<br>ek | 12/21/20 15:15 |
| Methyl methacrylate       |                | Invalid Compound ID | puangmale<br>ek | 12/21/20 15:15 |
| Methylene Chloride        |                | Invalid Compound ID | puangmale<br>ek | 12/21/20 15:15 |
| tert-Butyl alcohol        |                | Invalid Compound ID | puangmale<br>ek | 12/21/20 15:15 |

## AIR - GC/MS VOA MANUAL INTEGRATION SUMMARY

Lab Name: Eurofins TestAmerica, Burlin Job No.: 200-56451-1SDG No.: 200-56451-1Instrument ID: CHC.i Analysis Batch Number: 162248Lab Sample ID: 200-56451-6 Client Sample ID: SG-206Date Analyzed: 12/18/20 16:29 Lab File ID: 44136-07.D GC Column: RTX-624 ID: 0.32 (mm)

| COMPOUND NAME                                    | RETENTION<br>TIME | MANUAL INTEGRATION  |                 |                |
|--------------------------------------------------|-------------------|---------------------|-----------------|----------------|
|                                                  |                   | REASON              | ANALYST         | DATE           |
| Vinyl chloride                                   |                   | Invalid Compound ID | puangmale<br>ek | 12/21/20 15:15 |
| 4-Methyl-2-pentanone (Methyl<br>isobutyl ketone) | 14.65             | Invalid Compound ID | puangmale<br>ek | 12/21/20 15:16 |

## AIR - GC/MS VOA MANUAL INTEGRATION SUMMARY

Lab Name: Eurofins TestAmerica, Burlin Job No.: 200-56451-1SDG No.: 200-56451-1Instrument ID: CHC.i Analysis Batch Number: 162248Lab Sample ID: 200-56451-7 Client Sample ID: SG-207Date Analyzed: 12/18/20 18:17 Lab File ID: 44136-09.D GC Column: RTX-624 ID: 0.32 (mm)

| COMPOUND NAME                 | RETENTION TIME | MANUAL INTEGRATION  |                 |                |
|-------------------------------|----------------|---------------------|-----------------|----------------|
|                               |                | REASON              | ANALYST         | DATE           |
| 1,1-Dichloroethene            |                | Invalid Compound ID | puangmale<br>ek | 12/21/20 15:20 |
| 1,2,4-Trichlorobenzene        |                | Invalid Compound ID | puangmale<br>ek | 12/21/20 15:22 |
| 1,2-Dichlorotetrafluoroethane |                | Invalid Compound ID | puangmale<br>ek | 12/21/20 15:20 |
| 1,4-Dichlorobenzene           |                | Invalid Compound ID | puangmale<br>ek | 12/21/20 15:22 |
| 3-Chloropropene               |                | Invalid Compound ID | puangmale<br>ek | 12/21/20 15:20 |
| Bromomethane                  |                | Invalid Compound ID | puangmale<br>ek | 12/21/20 15:20 |
| Styrene                       |                | Invalid Compound ID | puangmale<br>ek | 12/21/20 15:21 |
| tert-Butyl alcohol            |                | Invalid Compound ID | puangmale<br>ek | 12/21/20 15:20 |
| Tetrahydrofuran               |                | Invalid Compound ID | puangmale<br>ek | 12/21/20 15:20 |
| Vinyl chloride                |                | Invalid Compound ID | puangmale<br>ek | 12/21/20 15:20 |
| Cyclohexane                   | 10.22          | Assign Peak         | puangmale<br>ek | 12/21/20 15:21 |
| n-Heptane                     | 11.37          | Assign Peak         | puangmale<br>ek | 12/21/20 15:21 |
| Trichloroethene               | 12.23          | Assign Peak         | puangmale<br>ek | 12/21/20 15:21 |
| Toluene                       | 14.90          | Assign Peak         | puangmale<br>ek | 12/21/20 15:21 |
| Naphthalene                   | 25.49          | Assign Peak         | puangmale<br>ek | 12/21/20 15:20 |

## AIR - GC/MS VOA MANUAL INTEGRATION SUMMARY

Lab Name: Eurofins TestAmerica, Burlin Job No.: 200-56451-1SDG No.: 200-56451-1Instrument ID: CHC.i Analysis Batch Number: 162248Lab Sample ID: 200-56451-8 Client Sample ID: TRIP BLANKDate Analyzed: 12/18/20 19:12 Lab File ID: 44136-10.D GC Column: RTX-624 ID: 0.32 (mm)

| COMPOUND NAME                    | RETENTION TIME | MANUAL INTEGRATION  |                 |                |
|----------------------------------|----------------|---------------------|-----------------|----------------|
|                                  |                | REASON              | ANALYST         | DATE           |
| 1,1-Dichloroethene               |                | Invalid Compound ID | puangmale<br>ek | 12/21/20 15:22 |
| 1,2-Dichlorotetrafluoroethane    |                | Invalid Compound ID | puangmale<br>ek | 12/21/20 15:22 |
| Benzene                          |                | Invalid Compound ID | puangmale<br>ek | 12/21/20 15:23 |
| Carbon tetrachloride             |                | Invalid Compound ID | puangmale<br>ek | 12/21/20 15:23 |
| Chlorodifluoromethane            |                | Invalid Compound ID | puangmale<br>ek | 12/21/20 15:22 |
| Chloromethane                    |                | Invalid Compound ID | puangmale<br>ek | 12/21/20 15:22 |
| Methyl Ethyl Ketone (2-Butanone) |                | Invalid Compound ID | puangmale<br>ek | 12/21/20 15:23 |
| n-Hexane                         |                | Invalid Compound ID | puangmale<br>ek | 12/21/20 15:23 |
| Toluene                          |                | Invalid Compound ID | puangmale<br>ek | 12/21/20 15:23 |
| Vinyl chloride                   |                | Invalid Compound ID | puangmale<br>ek | 12/21/20 15:22 |

## AIR - GC/MS VOA MANUAL INTEGRATION SUMMARY

Lab Name: Eurofins TestAmerica, Burlin Job No.: 200-56451-1SDG No.: 200-56451-1Instrument ID: CHG.i Analysis Batch Number: 161875Lab Sample ID: IC 200-161875/2 Client Sample ID: \_\_\_\_\_Date Analyzed: 12/09/20 11:26 Lab File ID: 200-43976-002.D GC Column: RTX-624 ID: 0.32 (mm)

| COMPOUND NAME          | RETENTION<br>TIME | MANUAL INTEGRATION |         |                |
|------------------------|-------------------|--------------------|---------|----------------|
|                        |                   | REASON             | ANALYST | DATE           |
| Vinyl chloride         | 3.60              | Assign Peak        | phamvu  | 12/09/20 18:15 |
| 1,3-Butadiene          | 3.67              | Assign Peak        | phamvu  | 12/09/20 18:16 |
| cis-1,2-Dichloroethene | 8.64              | Assign Peak        | phamvu  | 12/09/20 18:16 |
| Trichloroethene        | 11.51             | Assign Peak        | phamvu  | 12/09/20 18:17 |
| Tetrachloroethene      | 15.21             | Assign Peak        | phamvu  | 12/09/20 18:17 |

## AIR - GC/MS VOA MANUAL INTEGRATION SUMMARY

Lab Name: Eurofins TestAmerica, Burlin Job No.: 200-56451-1

SDG No.: 200-56451-1

Instrument ID: CHG.i Analysis Batch Number: 161875

Lab Sample ID: IC 200-161875/3 Client Sample ID:

Date Analyzed: 12/09/20 12:18 Lab File ID: 200-43976-003.D GC Column: RTX-624 ID: 0.32 (mm)

| COMPOUND NAME                    | RETENTION TIME | MANUAL INTEGRATION     |         |                |
|----------------------------------|----------------|------------------------|---------|----------------|
|                                  |                | REASON                 | ANALYST | DATE           |
| Ethyl ether                      | 5.25           | Assign Peak            | phamvu  | 12/09/20 18:34 |
| trans-1,2-Dichloroethene         | 6.94           | Incomplete Integration | phamvu  | 12/09/20 18:18 |
| 1,1-Dichloroethane               | 7.67           | Incomplete Integration | phamvu  | 12/09/20 18:18 |
| Methyl Ethyl Ketone (2-Butanone) | 8.62           | Incomplete Integration | phamvu  | 12/09/20 18:19 |
| Chloroform                       | 9.24           | Incomplete Integration | phamvu  | 12/09/20 18:20 |
| Cyclohexane                      | 9.74           | Incomplete Integration | phamvu  | 12/09/20 18:20 |
| 1,4-Dioxane                      |                | Invalid Compound ID    | phamvu  | 12/09/20 18:20 |
| Acetone                          |                | Invalid Compound ID    | phamvu  | 12/09/20 18:18 |
| Ethanol                          |                | Invalid Compound ID    | phamvu  | 12/09/20 18:18 |
| Isopropyl alcohol                |                | Invalid Compound ID    | phamvu  | 12/09/20 18:18 |
| Benzene                          | 10.22          | Incomplete Integration | phamvu  | 12/09/20 18:20 |
| n-Heptane                        | 10.85          | Incomplete Integration | phamvu  | 12/09/20 18:20 |
| Trichloroethene                  | 11.50          | Incomplete Integration | phamvu  | 12/09/20 18:20 |
| 1,2-Dichloropropane              | 12.01          | Incomplete Integration | phamvu  | 12/09/20 18:20 |
| Dibromomethane                   | 12.16          | Incomplete Integration | phamvu  | 12/09/20 18:21 |
| cis-1,3-Dichloropropene          | 13.42          | Incomplete Integration | phamvu  | 12/09/20 18:21 |
| n-Octane                         | 14.45          | Incomplete Integration | phamvu  | 12/09/20 18:21 |
| trans-1,3-Dichloropropene        | 14.57          | Incomplete Integration | phamvu  | 12/09/20 18:21 |
| 1,1,2-Trichloroethane            | 14.96          | Incomplete Integration | phamvu  | 12/09/20 18:21 |
| Tetrachloroethene                | 15.21          | Incomplete Integration | phamvu  | 12/09/20 18:21 |
| Dibromochloromethane             | 15.73          | Incomplete Integration | phamvu  | 12/09/20 18:21 |
| m,p-Xylene                       | 17.57          | Incomplete Integration | phamvu  | 12/09/20 18:22 |
| o-Xylene                         | 18.35          | Incomplete Integration | phamvu  | 12/09/20 18:22 |
| Cumene                           | 19.15          | Incomplete Integration | phamvu  | 12/09/20 18:22 |
| 1,1,2,2-Tetrachloroethane        | 19.68          | Incomplete Integration | phamvu  | 12/09/20 18:22 |
| 2-Chlorotoluene                  | 20.09          | Incomplete Integration | phamvu  | 12/09/20 18:22 |
| Naphthalene                      | 24.78          | Incomplete Integration | phamvu  | 12/09/20 18:22 |



## AIR - GC/MS VOA MANUAL INTEGRATION SUMMARY

Lab Name: Eurofins TestAmerica, Burlin Job No.: 200-56451-1SDG No.: 200-56451-1Instrument ID: CHG.i Analysis Batch Number: 161875Lab Sample ID: IC 200-161875/4 Client Sample ID: \_\_\_\_\_Date Analyzed: 12/09/20 13:10 Lab File ID: 200-43976-004.D GC Column: RTX-624 ID: 0.32 (mm)

| COMPOUND NAME             | RETENTION<br>TIME | MANUAL INTEGRATION     |         |                |
|---------------------------|-------------------|------------------------|---------|----------------|
|                           |                   | REASON                 | ANALYST | DATE           |
| Acetonitrile              | 6.10              | Incomplete Integration | phamvu  | 12/09/20 18:24 |
| 3-Chloropropene           | 6.24              | Incomplete Integration | phamvu  | 12/09/20 18:23 |
| Tetrahydrofuran           | 9.14              | Incomplete Integration | phamvu  | 12/09/20 18:24 |
| Cyclohexane               | 9.73              | Incomplete Integration | phamvu  | 12/09/20 18:24 |
| Benzene                   | 10.22             | Incomplete Integration | phamvu  | 12/09/20 18:24 |
| Trichloroethene           | 11.52             | Incomplete Integration | phamvu  | 12/09/20 18:25 |
| 1,2-Dichloropropane       | 11.99             | Incomplete Integration | phamvu  | 12/09/20 18:25 |
| trans-1,3-Dichloropropene | 14.57             | Incomplete Integration | phamvu  | 12/09/20 18:25 |
| 1,1,2-Trichloroethane     | 14.96             | Incomplete Integration | phamvu  | 12/09/20 18:25 |
| Dibromochloromethane      | 15.75             | Incomplete Integration | phamvu  | 12/09/20 18:25 |
| m,p-Xylene                | 17.55             | Incomplete Integration | phamvu  | 12/09/20 18:25 |
| o-Xylene                  | 18.35             | Incomplete Integration | phamvu  | 12/09/20 18:26 |

Lab Sample ID: IC 200-161875/7 Client Sample ID: \_\_\_\_\_Date Analyzed: 12/09/20 15:47 Lab File ID: 200-43976-007.D GC Column: RTX-624 ID: 0.32 (mm)

| COMPOUND NAME   | RETENTION<br>TIME | MANUAL INTEGRATION        |         |                |
|-----------------|-------------------|---------------------------|---------|----------------|
|                 |                   | REASON                    | ANALYST | DATE           |
| Acetonitrile    | 6.09              | Peak assignment corrected | phamvu  | 12/09/20 18:30 |
| 3-Chloropropene | 6.24              | Peak assignment corrected | phamvu  | 12/09/20 18:30 |

Lab Sample ID: ICV 200-161875/10 Client Sample ID: \_\_\_\_\_Date Analyzed: 12/09/20 18:23 Lab File ID: 200-43976-010.D GC Column: RTX-624 ID: 0.32 (mm)

| COMPOUND NAME       | RETENTION<br>TIME | MANUAL INTEGRATION     |         |                |
|---------------------|-------------------|------------------------|---------|----------------|
|                     |                   | REASON                 | ANALYST | DATE           |
| Cyclohexane         | 9.73              | Incomplete Integration | phamvu  | 12/09/20 18:55 |
| 1,2-Dichloropropane | 11.99             | Incomplete Integration | phamvu  | 12/09/20 18:55 |

## AIR - GC/MS VOA MANUAL INTEGRATION SUMMARY

Lab Name: Eurofins TestAmerica, Burlin Job No.: 200-56451-1SDG No.: 200-56451-1Instrument ID: CHG.i Analysis Batch Number: 162293Lab Sample ID: CCVIS 200-162293/3 Client Sample ID: \_\_\_\_\_Date Analyzed: 12/21/20 09:08 Lab File ID: 200-44158-003.D GC Column: RTX-624 ID: 0.32 (mm)

| COMPOUND NAME   | RETENTION<br>TIME | MANUAL INTEGRATION |           |                |
|-----------------|-------------------|--------------------|-----------|----------------|
|                 |                   | REASON             | ANALYST   | DATE           |
| Acetone         | 5.65              | Peak Tail          | bourdeaut | 12/21/20 10:56 |
| Acetonitrile    | 6.08              | Peak Tail          | bourdeaut | 12/21/20 10:56 |
| Tetrahydrofuran | 9.10              | Peak Tail          | bourdeaut | 12/21/20 10:57 |

Lab Sample ID: LCS 200-162293/4 Client Sample ID: \_\_\_\_\_Date Analyzed: 12/21/20 10:00 Lab File ID: 200-44158-004.D GC Column: RTX-624 ID: 0.32 (mm)

| COMPOUND NAME       | RETENTION<br>TIME | MANUAL INTEGRATION     |           |                |
|---------------------|-------------------|------------------------|-----------|----------------|
|                     |                   | REASON                 | ANALYST   | DATE           |
| 1,2-Dichloropropane | 11.99             | Incomplete Integration | bourdeaut | 12/21/20 10:58 |
| m,p-Xylene          | 17.55             | Incomplete Integration | bourdeaut | 12/21/20 10:58 |

Lab Sample ID: MB 200-162293/5 Client Sample ID: \_\_\_\_\_Date Analyzed: 12/21/20 10:52 Lab File ID: 200-44158-005.D GC Column: RTX-624 ID: 0.32 (mm)

| COMPOUND NAME           | RETENTION<br>TIME | MANUAL INTEGRATION  |           |                |
|-------------------------|-------------------|---------------------|-----------|----------------|
|                         |                   | REASON              | ANALYST   | DATE           |
| 1,2,4-Trichlorobenzene  |                   | Invalid Compound ID | bourdeaut | 12/21/20 12:19 |
| 1,2,4-Trimethylbenzene  |                   | Invalid Compound ID | bourdeaut | 12/21/20 12:20 |
| 1,2-Dichlorobenzene     |                   | Invalid Compound ID | bourdeaut | 12/21/20 12:19 |
| 1,3-Dichlorobenzene     |                   | Invalid Compound ID | bourdeaut | 12/21/20 12:19 |
| 1,4-Dichlorobenzene     |                   | Invalid Compound ID | bourdeaut | 12/21/20 12:19 |
| 4-Ethyltoluene          |                   | Invalid Compound ID | bourdeaut | 12/21/20 12:20 |
| Benzyl chloride         |                   | Invalid Compound ID | bourdeaut | 12/21/20 12:20 |
| Chloromethane           |                   | Invalid Compound ID | bourdeaut | 12/21/20 12:19 |
| Methyl tert-butyl ether |                   | Invalid Compound ID | bourdeaut | 12/21/20 12:20 |
| tert-Butylbenzene       |                   | Invalid Compound ID | bourdeaut | 12/21/20 12:20 |

## AIR - GC/MS VOA MANUAL INTEGRATION SUMMARY

Lab Name: Eurofins TestAmerica, Burlin Job No.: 200-56451-1SDG No.: 200-56451-1Instrument ID: CHG.i Analysis Batch Number: 162293Lab Sample ID: 200-56451-2 DL Client Sample ID: SG-202 DLDate Analyzed: 12/21/20 15:18 Lab File ID: 200-44158-010.D GC Column: RTX-624 ID: 0.32 (mm)

| COMPOUND NAME                    | RETENTION TIME | MANUAL INTEGRATION  |                 |                |
|----------------------------------|----------------|---------------------|-----------------|----------------|
|                                  |                | REASON              | ANALYST         | DATE           |
| 1,1,2-Trichlorotrifluoroethane   |                | Invalid Compound ID | bourdeaut       | 12/22/20 06:57 |
| 1,2,4-Trichlorobenzene           |                | Invalid Compound ID | puangmale<br>ek | 12/22/20 09:53 |
| 1,2,4-Trimethylbenzene           |                | Invalid Compound ID | puangmale<br>ek | 12/22/20 09:36 |
| 1,2-Dichlorobenzene              |                | Invalid Compound ID | puangmale<br>ek | 12/22/20 09:53 |
| 1,3,5-Trimethylbenzene           |                | Invalid Compound ID | puangmale<br>ek | 12/22/20 09:36 |
| 1,3-Dichlorobenzene              |                | Invalid Compound ID | puangmale<br>ek | 12/22/20 09:36 |
| 2-Chlorotoluene                  |                | Invalid Compound ID | puangmale<br>ek | 12/22/20 09:36 |
| 3-Chloropropene                  |                | Invalid Compound ID | bourdeaut       | 12/22/20 06:57 |
| 4-Ethyltoluene                   |                | Invalid Compound ID | puangmale<br>ek | 12/22/20 09:36 |
| 4-Isopropyltoluene               |                | Invalid Compound ID | puangmale<br>ek | 12/22/20 09:36 |
| Carbon tetrachloride             |                | Invalid Compound ID | bourdeaut       | 12/22/20 06:57 |
| Chlorodifluoromethane            |                | Invalid Compound ID | bourdeaut       | 12/22/20 06:57 |
| Cumene                           |                | Invalid Compound ID | puangmale<br>ek | 12/22/20 09:36 |
| Cyclohexane                      |                | Invalid Compound ID | bourdeaut       | 12/22/20 06:57 |
| Isopropyl alcohol                |                | Invalid Compound ID | bourdeaut       | 12/22/20 06:57 |
| Methyl Ethyl Ketone (2-Butanone) |                | Invalid Compound ID | bourdeaut       | 12/22/20 06:57 |
| Methyl tert-butyl ether          |                | Invalid Compound ID | bourdeaut       | 12/22/20 06:57 |
| Methylene Chloride               |                | Invalid Compound ID | bourdeaut       | 12/22/20 06:57 |
| Naphthalene                      |                | Invalid Compound ID | puangmale<br>ek | 12/22/20 09:53 |
| Styrene                          |                | Invalid Compound ID | puangmale<br>ek | 12/22/20 09:36 |
| trans-1,2-Dichloroethene         |                | Invalid Compound ID | bourdeaut       | 12/22/20 06:57 |

## AIR - GC/MS VOA MANUAL INTEGRATION SUMMARY

Lab Name: Eurofins TestAmerica, Burlin Job No.: 200-56451-1SDG No.: 200-56451-1Instrument ID: CHG.i Analysis Batch Number: 162293Lab Sample ID: 200-56451-2 DL Client Sample ID: SG-202 DLDate Analyzed: 12/21/20 15:18 Lab File ID: 200-44158-010.D GC Column: RTX-624 ID: 0.32 (mm)

| COMPOUND NAME     | RETENTION<br>TIME | MANUAL INTEGRATION  |                 |                |
|-------------------|-------------------|---------------------|-----------------|----------------|
|                   |                   | REASON              | ANALYST         | DATE           |
| Vinyl chloride    |                   | Invalid Compound ID | bourdeaut       | 12/22/20 06:57 |
| Toluene           | 14.11             | Baseline            | bourdeaut       | 12/22/20 06:58 |
| Tetrachloroethene | 15.20             | Baseline            | bourdeaut       | 12/22/20 06:57 |
| Ethylbenzene      | 17.26             | Baseline            | bourdeaut       | 12/22/20 06:58 |
| m,p-Xylene        | 17.53             | Baseline            | bourdeaut       | 12/22/20 06:58 |
| o-Xylene          | 18.34             | Assign Peak         | puangmale<br>ek | 12/22/20 09:35 |

AIR - GC/MS VOA MANUAL INTEGRATION SUMMARY

Lab Name: Eurofins TestAmerica, Burlin Job No.: 200-56451-1

SDG No.: 200-56451-1

Instrument ID: CHW.i Analysis Batch Number: 161965

Lab Sample ID: IC 200-161965/4 Client Sample ID: \_\_\_\_\_

Date Analyzed: 12/10/20 18:26 Lab File ID: 44014-004.d GC Column: RTX-624 ID: 0.32 (mm)

| COMPOUND NAME          | RETENTION<br>TIME | MANUAL INTEGRATION     |         |                |
|------------------------|-------------------|------------------------|---------|----------------|
|                        |                   | REASON                 | ANALYST | DATE           |
| 1,3-Butadiene          | 5.06              | Incomplete Integration | phamvu  | 12/11/20 08:30 |
| cis-1,2-Dichloroethene | 11.00             | Incomplete Integration | phamvu  | 12/11/20 08:31 |
| Tetrachloroethene      | 17.10             | Incomplete Integration | phamvu  | 12/11/20 08:31 |

Lab Sample ID: IC 200-161965/5 Client Sample ID: \_\_\_\_\_

Date Analyzed: 12/10/20 19:20 Lab File ID: 44014-005.d GC Column: RTX-624 ID: 0.32 (mm)

| COMPOUND NAME       | RETENTION<br>TIME | MANUAL INTEGRATION     |         |                |
|---------------------|-------------------|------------------------|---------|----------------|
|                     |                   | REASON                 | ANALYST | DATE           |
| Acetone             |                   | Invalid Compound ID    | phamvu  | 12/11/20 08:32 |
| Ethanol             |                   | Invalid Compound ID    | phamvu  | 12/11/20 08:32 |
| Isopropyl alcohol   |                   | Invalid Compound ID    | phamvu  | 12/11/20 08:32 |
| n-Butanol           |                   | Invalid Compound ID    | phamvu  | 12/11/20 08:34 |
| Ethyl acetate       | 11.12             | Assign Peak            | phamvu  | 12/11/20 08:33 |
| Cyclohexane         | 12.03             | Incomplete Integration | phamvu  | 12/11/20 08:34 |
| 1,2-Dichloropropane | 14.18             | Incomplete Integration | phamvu  | 12/11/20 08:34 |
| Methyl methacrylate | 14.27             | Incomplete Integration | phamvu  | 12/11/20 08:34 |
| m,p-Xylene          | 19.31             | Incomplete Integration | phamvu  | 12/11/20 08:35 |

## AIR - GC/MS VOA MANUAL INTEGRATION SUMMARY

Lab Name: Eurofins TestAmerica, Burlin Job No.: 200-56451-1SDG No.: 200-56451-1Instrument ID: CHW.i Analysis Batch Number: 162240Lab Sample ID: MB 200-162240/4 Client Sample ID: \_\_\_\_\_Date Analyzed: 12/18/20 11:08 Lab File ID: 44134-004.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 | bunmaa  | 12/21/20 09:40 |
| 1,2-Dichlorotetrafluoroethane |                | Invalid Compound ID | bunmaa  | 12/21/20 09:38 |
| Benzene                       |                | Invalid Compound ID | bunmaa  | 12/21/20 09:41 |
| Bromodichloromethane          |                | Invalid Compound ID | bunmaa  | 12/21/20 09:42 |
| cis-1,3-Dichloropropene       |                | Invalid Compound ID | bunmaa  | 12/21/20 09:45 |
| Cumene                        |                | Invalid Compound ID | bunmaa  | 12/21/20 09:51 |
| Dichlorodifluoromethane       |                | Invalid Compound ID | bunmaa  | 12/21/20 09:37 |
| sec-Butylbenzene              |                | Invalid Compound ID | bunmaa  | 12/21/20 09:52 |
| tert-Butylbenzene             |                | Invalid Compound ID | bunmaa  | 12/21/20 09:52 |
| Tetrachloroethene             |                | Invalid Compound ID | bunmaa  | 12/21/20 09:47 |
| Toluene                       | 16.12          | Assign Peak         | bunmaa  | 12/21/20 09:45 |
| Dibromochloromethane          | 17.63          | Assign Peak         | bunmaa  | 12/21/20 09:47 |
| 1,2-Dibromoethane             | 17.88          | Assign Peak         | bunmaa  | 12/21/20 09:47 |
| Ethylbenzene                  | 19.04          | Assign Peak         | bunmaa  | 12/21/20 09:49 |
| m,p-Xylene                    | 19.31          | Assign Peak         | bunmaa  | 12/21/20 09:49 |
| o-Xylene                      | 20.07          | Assign Peak         | bunmaa  | 12/21/20 09:50 |
| Styrene                       | 20.13          | Assign Peak         | bunmaa  | 12/21/20 09:50 |
| 4-Isopropyltoluene            | 22.81          | Assign Peak         | bunmaa  | 12/21/20 09:53 |

## AIR - GC/MS VOA MANUAL INTEGRATION SUMMARY

Lab Name: Eurofins TestAmerica, Burlin Job No.: 200-56451-1SDG No.: 200-56451-1Instrument ID: CHW.i Analysis Batch Number: 162240Lab Sample ID: 200-56451-1 Client Sample ID: SG-201Date Analyzed: 12/18/20 23:04 Lab File ID: 44134-017.d GC Column: RTX-624 ID: 0.32 (mm)

| COMPOUND NAME                                 | RETENTION<br>TIME | MANUAL INTEGRATION  |         |                |
|-----------------------------------------------|-------------------|---------------------|---------|----------------|
|                                               |                   | REASON              | ANALYST | DATE           |
| Chloromethane                                 | 4.57              | Assign Peak         | bunmaa  | 12/21/20 12:28 |
| 1,1,2-Trichloroethane                         |                   | Invalid Compound ID | bunmaa  | 12/21/20 12:32 |
| 1,2-Dichloroethane                            |                   | Invalid Compound ID | bunmaa  | 12/21/20 12:31 |
| 1,2-Dichloropropane                           |                   | Invalid Compound ID | bunmaa  | 12/21/20 12:31 |
| 1,2-Dichlorotetrafluoroethane                 |                   | Invalid Compound ID | bunmaa  | 12/21/20 12:27 |
| 3-Chloropropene                               |                   | Invalid Compound ID | bunmaa  | 12/21/20 12:29 |
| Bromoethene (Vinyl Bromide)                   |                   | Invalid Compound ID | bunmaa  | 12/21/20 12:28 |
| Cumene                                        |                   | Invalid Compound ID | bunmaa  | 12/21/20 12:33 |
| Methyl Butyl Ketone (2-Hexanone)              |                   | Invalid Compound ID | bunmaa  | 12/21/20 12:32 |
| Methyl methacrylate                           |                   | Invalid Compound ID | bunmaa  | 12/21/20 12:31 |
| Methyl tert-butyl ether                       |                   | Invalid Compound ID | bunmaa  | 12/21/20 12:29 |
| Styrene                                       |                   | Invalid Compound ID | bunmaa  | 12/21/20 12:33 |
| tert-Butylbenzene                             |                   | Invalid Compound ID | bunmaa  | 12/21/20 12:34 |
| trans-1,2-Dichloroethene                      |                   | Invalid Compound ID | bunmaa  | 12/21/20 12:29 |
| Vinyl chloride                                |                   | Invalid Compound ID | bunmaa  | 12/21/20 12:28 |
| Chloroform                                    | 11.59             | Assign Peak         | bunmaa  | 12/21/20 12:30 |
| 4-Methyl-2-pentanone (Methyl isobutyl ketone) | 15.71             | Assign Peak         | bunmaa  | 12/21/20 12:32 |
| sec-Butylbenzene                              | 22.59             | Assign Peak         | bunmaa  | 12/21/20 12:34 |



## AIR - GC/MS VOA MANUAL INTEGRATION SUMMARY

Lab Name: Eurofins TestAmerica, Burlin Job No.: 200-56451-1SDG No.: 200-56451-1Instrument ID: CHW.i Analysis Batch Number: 162240Lab Sample ID: 200-56451-1 DL Client Sample ID: SG-201 DLDate Analyzed: 12/18/20 23:57 Lab File ID: 44134-018.d GC Column: RTX-624 ID: 0.32 (mm)

| COMPOUND NAME                                 | RETENTION<br>TIME | MANUAL INTEGRATION  |         |                |
|-----------------------------------------------|-------------------|---------------------|---------|----------------|
|                                               |                   | REASON              | ANALYST | DATE           |
| Chloromethane                                 | 4.55              | Assign Peak         | bunmaa  | 12/21/20 12:35 |
| Trichlorofluoromethane                        | 6.64              | Assign Peak         | bunmaa  | 12/21/20 12:36 |
| 1,1-Dichloroethene                            | 7.74              | Assign Peak         | bunmaa  | 12/21/20 12:37 |
| 1,1,2-Trichloroethane                         |                   | Invalid Compound ID | bunmaa  | 12/21/20 12:40 |
| 2-Chlorotoluene                               |                   | Invalid Compound ID | bunmaa  | 12/21/20 12:41 |
| 3-Chloropropene                               |                   | Invalid Compound ID | bunmaa  | 12/21/20 12:38 |
| Cumene                                        |                   | Invalid Compound ID | bunmaa  | 12/21/20 12:41 |
| Methyl Butyl Ketone (2-Hexanone)              |                   | Invalid Compound ID | bunmaa  | 12/21/20 12:40 |
| Methyl methacrylate                           |                   | Invalid Compound ID | bunmaa  | 12/21/20 12:39 |
| Styrene                                       |                   | Invalid Compound ID | bunmaa  | 12/21/20 12:41 |
| tert-Butylbenzene                             |                   | Invalid Compound ID | bunmaa  | 12/21/20 12:42 |
| Vinyl chloride                                |                   | Invalid Compound ID | bunmaa  | 12/21/20 12:36 |
| 4-Methyl-2-pentanone (Methyl isobutyl ketone) | 15.72             | Assign Peak         | bunmaa  | 12/21/20 12:39 |
| sec-Butylbenzene                              | 22.59             | Assign Peak         | bunmaa  | 12/21/20 12:42 |
| n-Butylbenzene                                | 23.36             | Assign Peak         | bunmaa  | 12/21/20 12:42 |

## AIR - GC/MS VOA MANUAL INTEGRATION SUMMARY

Lab Name: Eurofins TestAmerica, Burlin Job No.: 200-56451-1SDG No.: 200-56451-1Instrument ID: CHW.i Analysis Batch Number: 162240Lab Sample ID: 200-56451-2 Client Sample ID: SG-202Date Analyzed: 12/19/20 00:52 Lab File ID: 44134-019.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 | bunmaa  | 12/21/20 12:47 |
| 1,1,2-Trichloroethane            |                | Invalid Compound ID | bunmaa  | 12/21/20 12:49 |
| 1,1-Dichloroethane               |                | Invalid Compound ID | bunmaa  | 12/21/20 12:45 |
| 1,1-Dichloroethene               |                | Invalid Compound ID | bunmaa  | 12/21/20 12:45 |
| 1,2-Dichloroethane               |                | Invalid Compound ID | bunmaa  | 12/21/20 12:47 |
| 1,2-Dichlorotetrafluoroethane    |                | Invalid Compound ID | bunmaa  | 12/21/20 12:44 |
| 2-Chlorotoluene                  |                | Invalid Compound ID | bunmaa  | 12/21/20 12:50 |
| 3-Chloropropene                  |                | Invalid Compound ID | bunmaa  | 12/21/20 12:45 |
| Chlorodifluoromethane            |                | Invalid Compound ID | bunmaa  | 12/21/20 12:44 |
| Cumene                           |                | Invalid Compound ID | bunmaa  | 12/21/20 12:50 |
| Methyl Butyl Ketone (2-Hexanone) |                | Invalid Compound ID | bunmaa  | 12/21/20 12:49 |
| Methyl methacrylate              |                | Invalid Compound ID | bunmaa  | 12/21/20 12:48 |
| sec-Butylbenzene                 |                | Invalid Compound ID | bunmaa  | 12/21/20 12:51 |
| tert-Butylbenzene                |                | Invalid Compound ID | bunmaa  | 12/21/20 12:51 |
| Methyl Ethyl Ketone (2-Butanone) | 11.01          | Assign Peak         | bunmaa  | 12/21/20 12:46 |
| Cyclohexane                      | 12.03          | Assign Peak         | bunmaa  | 12/21/20 12:47 |
| 2,2,4-Trimethylpentane           | 12.76          | Assign Peak         | bunmaa  | 12/21/20 12:47 |
| Styrene                          | 20.12          | Assign Peak         | bunmaa  | 12/21/20 12:50 |
| 1,3,5-Trimethylbenzene           | 21.78          | Assign Peak         | bunmaa  | 12/21/20 12:51 |
| n-Butylbenzene                   | 23.36          | Assign Peak         | bunmaa  | 12/21/20 12:52 |

## AIR - GC/MS VOA MANUAL INTEGRATION SUMMARY

Lab Name: Eurofins TestAmerica, Burlin Job No.: 200-56451-1SDG No.: 200-56451-1Instrument ID: CHW.i Analysis Batch Number: 162240Lab Sample ID: 200-56451-3 Client Sample ID: SG-203Date Analyzed: 12/19/20 01:48 Lab File ID: 44134-020.d GC Column: RTX-624 ID: 0.32 (mm)

| COMPOUND NAME                                 | RETENTION<br>TIME | MANUAL INTEGRATION  |         |                |
|-----------------------------------------------|-------------------|---------------------|---------|----------------|
|                                               |                   | REASON              | ANALYST | DATE           |
| 1,1,2-Trichlorotrifluoroethane                | 7.78              | Assign Peak         | bunmaa  | 12/21/20 12:55 |
| 1,1,2-Trichloroethane                         |                   | Invalid Compound ID | bunmaa  | 12/21/20 12:58 |
| 1,1-Dichloroethene                            |                   | Invalid Compound ID | bunmaa  | 12/21/20 12:55 |
| 1,2-Dichloropropane                           |                   | Invalid Compound ID | bunmaa  | 12/21/20 12:57 |
| 1,2-Dichlorotetrafluoroethane                 |                   | Invalid Compound ID | bunmaa  | 12/21/20 12:54 |
| 2-Chlorotoluene                               |                   | Invalid Compound ID | bunmaa  | 12/21/20 12:59 |
| 3-Chloropropene                               |                   | Invalid Compound ID | bunmaa  | 12/21/20 12:55 |
| Benzyl chloride                               |                   | Invalid Compound ID | bunmaa  | 12/21/20 13:00 |
| Chlorodifluoromethane                         |                   | Invalid Compound ID | bunmaa  | 12/21/20 12:53 |
| Chloromethane                                 |                   | Invalid Compound ID | bunmaa  | 12/21/20 12:54 |
| Cumene                                        |                   | Invalid Compound ID | bunmaa  | 12/21/20 12:59 |
| Methyl methacrylate                           |                   | Invalid Compound ID | bunmaa  | 12/21/20 12:57 |
| Styrene                                       |                   | Invalid Compound ID | bunmaa  | 12/21/20 12:59 |
| tert-Butylbenzene                             |                   | Invalid Compound ID | bunmaa  | 12/21/20 13:00 |
| Vinyl chloride                                |                   | Invalid Compound ID | bunmaa  | 12/21/20 12:54 |
| 4-Methyl-2-pentanone (Methyl isobutyl ketone) | 15.72             | Assign Peak         | bunmaa  | 12/21/20 12:57 |
| Methyl Butyl Ketone (2-Hexanone)              | 17.32             | Assign Peak         | bunmaa  | 12/21/20 12:58 |
| sec-Butylbenzene                              | 22.59             | Assign Peak         | bunmaa  | 12/21/20 13:00 |

## AIR - GC/MS VOA MANUAL INTEGRATION SUMMARY

Lab Name: Eurofins TestAmerica, Burlin Job No.: 200-56451-1SDG No.: 200-56451-1Instrument ID: CHW.i Analysis Batch Number: 162240Lab Sample ID: 200-56451-4 Client Sample ID: SG-204Date Analyzed: 12/19/20 02:44 Lab File ID: 44134-021.d GC Column: RTX-624 ID: 0.32 (mm)

| COMPOUND NAME                    | RETENTION TIME | MANUAL INTEGRATION  |         |                |
|----------------------------------|----------------|---------------------|---------|----------------|
|                                  |                | REASON              | ANALYST | DATE           |
| Chloromethane                    | 4.58           | Assign Peak         | bunmaa  | 12/21/20 13:02 |
| 1,1,2-Trichlorotrifluoroethane   | 7.78           | Assign Peak         | bunmaa  | 12/21/20 13:03 |
| 1,1,2,2-Tetrachloroethane        |                | Invalid Compound ID | bunmaa  | 12/21/20 13:08 |
| 1,1,2-Trichloroethane            |                | Invalid Compound ID | bunmaa  | 12/21/20 13:07 |
| 1,1-Dichloroethene               |                | Invalid Compound ID | bunmaa  | 12/21/20 13:03 |
| 1,2-Dichloropropane              |                | Invalid Compound ID | bunmaa  | 12/21/20 13:06 |
| 1,2-Dichlorotetrafluoroethane    |                | Invalid Compound ID | bunmaa  | 12/21/20 13:02 |
| 1,3,5-Trimethylbenzene           |                | Invalid Compound ID | bunmaa  | 12/21/20 13:09 |
| 2,2,4-Trimethylpentane           |                | Invalid Compound ID | bunmaa  | 12/21/20 13:06 |
| 2-Chlorotoluene                  |                | Invalid Compound ID | bunmaa  | 12/21/20 13:08 |
| Bromoethene (Vinyl Bromide)      |                | Invalid Compound ID | bunmaa  | 12/21/20 13:03 |
| Chlorodifluoromethane            |                | Invalid Compound ID | bunmaa  | 12/21/20 13:01 |
| Cumene                           |                | Invalid Compound ID | bunmaa  | 12/21/20 13:08 |
| Methyl methacrylate              |                | Invalid Compound ID | bunmaa  | 12/21/20 13:06 |
| sec-Butylbenzene                 |                | Invalid Compound ID | bunmaa  | 12/21/20 13:09 |
| tert-Butylbenzene                |                | Invalid Compound ID | bunmaa  | 12/21/20 13:09 |
| Vinyl chloride                   |                | Invalid Compound ID | bunmaa  | 12/21/20 13:02 |
| Chloroform                       | 11.58          | Assign Peak         | bunmaa  | 12/21/20 13:04 |
| 1,1,1-Trichloroethane            | 11.90          | Assign Peak         | bunmaa  | 12/21/20 13:05 |
| Carbon tetrachloride             | 12.18          | Assign Peak         | bunmaa  | 12/21/20 13:05 |
| Methyl Butyl Ketone (2-Hexanone) | 17.32          | Assign Peak         | bunmaa  | 12/21/20 13:07 |
| o-Xylene                         | 20.08          | Assign Peak         | bunmaa  | 12/21/20 13:07 |
| Styrene                          | 20.12          | Assign Peak         | bunmaa  | 12/21/20 13:08 |
| n-Propylbenzene                  | 21.49          | Assign Peak         | bunmaa  | 12/21/20 13:08 |

## AIR - GC/MS VOA MANUAL INTEGRATION SUMMARY

Lab Name: Eurofins TestAmerica, Burlin Job No.: 200-56451-1SDG No.: 200-56451-1Instrument ID: CHW.i Analysis Batch Number: 162240Lab Sample ID: 200-56451-5 Client Sample ID: SG-205Date Analyzed: 12/19/20 03:40 Lab File ID: 44134-022.d GC Column: RTX-624 ID: 0.32 (mm)

| COMPOUND NAME                    | RETENTION TIME | MANUAL INTEGRATION  |         |                |
|----------------------------------|----------------|---------------------|---------|----------------|
|                                  |                | REASON              | ANALYST | DATE           |
| Chloromethane                    | 4.58           | Assign Peak         | bunmaa  | 12/21/20 13:11 |
| 1,1,2,2-Tetrachloroethane        |                | Invalid Compound ID | bunmaa  | 12/21/20 13:19 |
| 1,1,2-Trichloroethane            |                | Invalid Compound ID | bunmaa  | 12/21/20 13:15 |
| 1,1-Dichloroethane               |                | Invalid Compound ID | bunmaa  | 12/21/20 13:13 |
| 1,1-Dichloroethene               |                | Invalid Compound ID | bunmaa  | 12/21/20 13:12 |
| 1,2-Dichloroethane               |                | Invalid Compound ID | bunmaa  | 12/21/20 13:14 |
| 1,2-Dichloropropane              |                | Invalid Compound ID | bunmaa  | 12/21/20 13:15 |
| 1,3-Dichlorobenzene              |                | Invalid Compound ID | bunmaa  | 12/21/20 13:19 |
| 1,4-Dichlorobenzene              |                | Invalid Compound ID | bunmaa  | 12/21/20 13:19 |
| 2-Chlorotoluene                  |                | Invalid Compound ID | bunmaa  | 12/21/20 13:19 |
| 3-Chloropropene                  |                | Invalid Compound ID | bunmaa  | 12/21/20 13:13 |
| Benzyl chloride                  |                | Invalid Compound ID | bunmaa  | 12/21/20 13:20 |
| Bromodichloromethane             |                | Invalid Compound ID | bunmaa  | 12/21/20 13:15 |
| Bromoethene (Vinyl Bromide)      |                | Invalid Compound ID | bunmaa  | 12/21/20 13:12 |
| Bromoform                        |                | Invalid Compound ID | bunmaa  | 12/21/20 13:18 |
| Chlorodifluoromethane            |                | Invalid Compound ID | bunmaa  | 12/21/20 13:11 |
| Methyl methacrylate              |                | Invalid Compound ID | bunmaa  | 12/21/20 13:15 |
| Methyl tert-butyl ether          |                | Invalid Compound ID | bunmaa  | 12/21/20 13:13 |
| tert-Butylbenzene                |                | Invalid Compound ID | bunmaa  | 12/21/20 13:19 |
| trans-1,2-Dichloroethene         |                | Invalid Compound ID | bunmaa  | 12/21/20 13:13 |
| Vinyl chloride                   |                | Invalid Compound ID | bunmaa  | 12/21/20 13:11 |
| Chloroform                       | 11.59          | Assign Peak         | bunmaa  | 12/21/20 13:14 |
| Methyl Butyl Ketone (2-Hexanone) | 17.31          | Assign Peak         | bunmaa  | 12/21/20 13:16 |
| Styrene                          | 20.13          | Assign Peak         | bunmaa  | 12/21/20 13:17 |

## AIR - GC/MS VOA MANUAL INTEGRATION SUMMARY

Lab Name: Eurofins TestAmerica, Burlin Job No.: 200-56451-1SDG No.: 200-56451-1Instrument ID: CHW.i Analysis Batch Number: 162240Lab Sample ID: 200-56451-5 DL Client Sample ID: SG-205 DLDate Analyzed: 12/19/20 04:33 Lab File ID: 44134-023.d GC Column: RTX-624 ID: 0.32 (mm)

| COMPOUND NAME                                    | RETENTION<br>TIME | MANUAL INTEGRATION  |         |                |
|--------------------------------------------------|-------------------|---------------------|---------|----------------|
|                                                  |                   | REASON              | ANALYST | DATE           |
| 1,1,2-Trichloroethane                            |                   | Invalid Compound ID | bunmaa  | 12/21/20 13:23 |
| 1,1,2-Trichlorotrifluoroethane                   |                   | Invalid Compound ID | bunmaa  | 12/21/20 13:21 |
| 1,1-Dichloroethene                               |                   | Invalid Compound ID | bunmaa  | 12/21/20 13:21 |
| 2-Chlorotoluene                                  |                   | Invalid Compound ID | bunmaa  | 12/21/20 13:24 |
| 3-Chloropropene                                  |                   | Invalid Compound ID | bunmaa  | 12/21/20 13:22 |
| 4-Methyl-2-pentanone (Methyl<br>isobutyl ketone) |                   | Invalid Compound ID | bunmaa  | 12/21/20 13:23 |
| Chloromethane                                    |                   | Invalid Compound ID | bunmaa  | 12/21/20 13:21 |
| Hexachlorobutadiene                              |                   | Invalid Compound ID | bunmaa  | 12/21/20 13:25 |
| Methyl Butyl Ketone (2-Hexanone)                 |                   | Invalid Compound ID | bunmaa  | 12/21/20 13:24 |
| Methyl Ethyl Ketone (2-Butanone)                 |                   | Invalid Compound ID | bunmaa  | 12/21/20 13:22 |
| Methyl methacrylate                              |                   | Invalid Compound ID | bunmaa  | 12/21/20 13:23 |
| Naphthalene                                      |                   | Invalid Compound ID | bunmaa  | 12/21/20 13:26 |
| n-Butylbenzene                                   |                   | Invalid Compound ID | bunmaa  | 12/21/20 13:25 |
| Styrene                                          |                   | Invalid Compound ID | bunmaa  | 12/21/20 13:24 |
| tert-Butylbenzene                                |                   | Invalid Compound ID | bunmaa  | 12/21/20 13:25 |
| Trichlorofluoromethane                           |                   | Invalid Compound ID | bunmaa  | 12/21/20 13:21 |
| 1,1,1-Trichloroethane                            | 11.91             | Assign Peak         | bunmaa  | 12/21/20 13:22 |

## REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-56451-1

SDG No.: 200-56451-1

| Reagent ID        | Exp Date | Prep Date | Dilutant Used    | Reagent Final Volume | Parent Reagent    |              | Analyte                        | Concentration    |
|-------------------|----------|-----------|------------------|----------------------|-------------------|--------------|--------------------------------|------------------|
|                   |          |           |                  |                      | Reagent ID        | Volume Added |                                |                  |
| ATTO15CAL1w_00222 | 12/13/20 | 10/19/20  | Nitrogen, Lot 12 | 15.463 L             | ATTO15CAL6w_00181 | 155 mL       | 1,1,1-Trichloroethane          | 0.204248 ppb v/v |
|                   |          |           |                  |                      |                   |              | 1,1,2,2-Tetrachloroethane      | 0.207255 ppb v/v |
|                   |          |           |                  |                      |                   |              | 1,1,2-Trichloroethane          | 0.210061 ppb v/v |
|                   |          |           |                  |                      |                   |              | 1,1,2-Trichlorotrifluoroethane | 0.210261 ppb v/v |
|                   |          |           |                  |                      |                   |              | 1,1-Dichloroethane             | 0.20044 ppb v/v  |
|                   |          |           |                  |                      |                   |              | 1,1-Dichloroethene             | 0.206052 ppb v/v |
|                   |          |           |                  |                      |                   |              | 1,2,3-Trichlorobenzene         | 0.182801 ppb v/v |
|                   |          |           |                  |                      |                   |              | 1,2,3-Trichloropropane         | 0.212266 ppb v/v |
|                   |          |           |                  |                      |                   |              | 1,2,4-Trichlorobenzene         | 0.217677 ppb v/v |
|                   |          |           |                  |                      |                   |              | 1,2,4-Trimethylbenzene         | 0.208457 ppb v/v |
|                   |          |           |                  |                      |                   |              | 1,2-Dibromoethane              | 0.212666 ppb v/v |
|                   |          |           |                  |                      |                   |              | 1,2-Dichlorobenzene            | 0.209259 ppb v/v |
|                   |          |           |                  |                      |                   |              | 1,2-Dichloroethane             | 0.207655 ppb v/v |
|                   |          |           |                  |                      |                   |              | 1,2-Dichloropropane            | 0.206653 ppb v/v |
|                   |          |           |                  |                      |                   |              | 1,2-Dichlorotetrafluoroethane  | 0.208658 ppb v/v |
|                   |          |           |                  |                      |                   |              | 1,3,5-Trimethylbenzene         | 0.208257 ppb v/v |
|                   |          |           |                  |                      |                   |              | 1,3-Butadiene                  | 0.202845 ppb v/v |
|                   |          |           |                  |                      |                   |              | 1,3-Dichlorobenzene            | 0.212065 ppb v/v |
|                   |          |           |                  |                      |                   |              | 1,4-Dichlorobenzene            | 0.20986 ppb v/v  |
|                   |          |           |                  |                      |                   |              | 1,4-Dioxane                    | 0.212065 ppb v/v |
|                   |          |           |                  |                      |                   |              | 2,2,4-Trimethylpentane         | 0.20986 ppb v/v  |
|                   |          |           |                  |                      |                   |              | 2-Chlorotoluene                | 0.209259 ppb v/v |
|                   |          |           |                  |                      |                   |              | 2-Methylbutane                 | 0.209259 ppb v/v |
|                   |          |           |                  |                      |                   |              | 3-Chloropropene                | 0.213468 ppb v/v |
|                   |          |           |                  |                      |                   |              | 4-Ethyltoluene                 | 0.207054 ppb v/v |



# REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-56451-1

SDG No.: 200-56451-1

| Reagent ID | Exp Date | Prep Date | Dilutant Used | Reagent Final Volume | Parent Reagent |              | Analyte                                       | Concentration    |
|------------|----------|-----------|---------------|----------------------|----------------|--------------|-----------------------------------------------|------------------|
|            |          |           |               |                      | Reagent ID     | Volume Added |                                               |                  |
|            |          |           |               |                      |                |              | 4-Isopropyltoluene                            | 0.206653 ppb v/v |
|            |          |           |               |                      |                |              | 4-Methyl-2-pentanone (Methyl isobutyl ketone) | 0.20525 ppb v/v  |
|            |          |           |               |                      |                |              | Acetone                                       | 0.20525 ppb v/v  |
|            |          |           |               |                      |                |              | Acetonitrile                                  | 0.198435 ppb v/v |
|            |          |           |               |                      |                |              | Acrolein                                      | 0.194827 ppb v/v |
|            |          |           |               |                      |                |              | Acrylonitrile                                 | 0.202645 ppb v/v |
|            |          |           |               |                      |                |              | Alpha Methyl Styrene                          | 0.204448 ppb v/v |
|            |          |           |               |                      |                |              | Benzene                                       | 0.207054 ppb v/v |
|            |          |           |               |                      |                |              | Benzyl chloride                               | 0.212065 ppb v/v |
|            |          |           |               |                      |                |              | Bromodichloromethane                          | 0.211865 ppb v/v |
|            |          |           |               |                      |                |              | Bromoethene (Vinyl Bromide)                   | 0.208858 ppb v/v |
|            |          |           |               |                      |                |              | Bromoform                                     | 0.206252 ppb v/v |
|            |          |           |               |                      |                |              | Bromomethane                                  | 0.206653 ppb v/v |
|            |          |           |               |                      |                |              | Carbon disulfide                              | 0.203647 ppb v/v |
|            |          |           |               |                      |                |              | Carbon tetrachloride                          | 0.203647 ppb v/v |
|            |          |           |               |                      |                |              | Chlorobenzene                                 | 0.210261 ppb v/v |
|            |          |           |               |                      |                |              | Chlorodifluoromethane                         | 0.210061 ppb v/v |
|            |          |           |               |                      |                |              | Chloroethane                                  | 0.208257 ppb v/v |
|            |          |           |               |                      |                |              | Chloroform                                    | 0.202444 ppb v/v |
|            |          |           |               |                      |                |              | Chloromethane                                 | 0.21888 ppb v/v  |
|            |          |           |               |                      |                |              | cis-1,2-Dichloroethene                        | 0.202444 ppb v/v |
|            |          |           |               |                      |                |              | cis-1,3-Dichloropropene                       | 0.208257 ppb v/v |
|            |          |           |               |                      |                |              | Cumene                                        | 0.209059 ppb v/v |
|            |          |           |               |                      |                |              | Cyclohexane                                   | 0.203446 ppb v/v |
|            |          |           |               |                      |                |              | Dibromochloromethane                          | 0.194026 ppb v/v |

# REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-56451-1

SDG No.: 200-56451-1

| Reagent ID | Exp Date | Prep Date | Dilutant Used | Reagent Final Volume | Parent Reagent |              | Analyte                          | Concentration    |
|------------|----------|-----------|---------------|----------------------|----------------|--------------|----------------------------------|------------------|
|            |          |           |               |                      | Reagent ID     | Volume Added |                                  |                  |
|            |          |           |               |                      |                |              | Dibromomethane                   | 0.206453 ppb v/v |
|            |          |           |               |                      |                |              | Dichlorodifluoromethane          | 0.209259 ppb v/v |
|            |          |           |               |                      |                |              | Dodecane                         | 0.187612 ppb v/v |
|            |          |           |               |                      |                |              | Ethyl acetate                    | 0.203045 ppb v/v |
|            |          |           |               |                      |                |              | Ethyl ether                      | 0.202043 ppb v/v |
|            |          |           |               |                      |                |              | Ethylbenzene                     | 0.204849 ppb v/v |
|            |          |           |               |                      |                |              | Hexachlorobutadiene              | 0.205651 ppb v/v |
|            |          |           |               |                      |                |              | Isopropyl alcohol                | 0.204849 ppb v/v |
|            |          |           |               |                      |                |              | m,p-Xylene                       | 0.412104 ppb v/v |
|            |          |           |               |                      |                |              | Methyl Butyl Ketone (2-Hexanone) | 0.200239 ppb v/v |
|            |          |           |               |                      |                |              | Methyl Ethyl Ketone (2-Butanone) | 0.207255 ppb v/v |
|            |          |           |               |                      |                |              | Methyl methacrylate              | 0.203647 ppb v/v |
|            |          |           |               |                      |                |              | Methyl tert-butyl ether          | 0.209459 ppb v/v |
|            |          |           |               |                      |                |              | Methylene Chloride               | 0.206052 ppb v/v |
|            |          |           |               |                      |                |              | n-Butane                         | 0.207655 ppb v/v |
|            |          |           |               |                      |                |              | n-Butanol                        | 0.19142 ppb v/v  |
|            |          |           |               |                      |                |              | n-Butylbenzene                   | 0.208257 ppb v/v |
|            |          |           |               |                      |                |              | n-Decane                         | 0.208858 ppb v/v |
|            |          |           |               |                      |                |              | n-Heptane                        | 0.210662 ppb v/v |
|            |          |           |               |                      |                |              | n-Hexane                         | 0.212266 ppb v/v |
|            |          |           |               |                      |                |              | n-Nonane                         | 0.210061 ppb v/v |
|            |          |           |               |                      |                |              | n-Octane                         | 0.207054 ppb v/v |
|            |          |           |               |                      |                |              | n-Propylbenzene                  | 0.208457 ppb v/v |
|            |          |           |               |                      |                |              | Naphthalene                      | 0.194827 ppb v/v |
|            |          |           |               |                      |                |              | o-Xylene                         | 0.207655 ppb v/v |

## REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-56451-1

SDG No.: 200-56451-1

| Reagent ID         | Exp Date | Prep Date | Dilutant Used   | Reagent Final Volume | Parent Reagent      |              | Analyte                        | Concentration    |
|--------------------|----------|-----------|-----------------|----------------------|---------------------|--------------|--------------------------------|------------------|
|                    |          |           |                 |                      | Reagent ID          | Volume Added |                                |                  |
|                    |          |           |                 |                      |                     |              | Pentane                        | 0.203045 ppb v/v |
|                    |          |           |                 |                      |                     |              | Propene                        | 0.206854 ppb v/v |
|                    |          |           |                 |                      |                     |              | sec-Butylbenzene               | 0.20966 ppb v/v  |
|                    |          |           |                 |                      |                     |              | Styrene                        | 0.206854 ppb v/v |
|                    |          |           |                 |                      |                     |              | tert-Butyl alcohol             | 0.216074 ppb v/v |
|                    |          |           |                 |                      |                     |              | tert-Butylbenzene              | 0.207655 ppb v/v |
|                    |          |           |                 |                      |                     |              | Tetrachloroethene              | 0.210462 ppb v/v |
|                    |          |           |                 |                      |                     |              | Tetrahydrofuran                | 0.200239 ppb v/v |
|                    |          |           |                 |                      |                     |              | Toluene                        | 0.203647 ppb v/v |
|                    |          |           |                 |                      |                     |              | trans-1,2-Dichloroethene       | 0.204448 ppb v/v |
|                    |          |           |                 |                      |                     |              | trans-1,3-Dichloropropene      | 0.198034 ppb v/v |
|                    |          |           |                 |                      |                     |              | Trichloroethene                | 0.211063 ppb v/v |
|                    |          |           |                 |                      |                     |              | Trichlorofluoromethane         | 0.211664 ppb v/v |
|                    |          |           |                 |                      |                     |              | Undecane                       | 0.20966 ppb v/v  |
|                    |          |           |                 |                      |                     |              | Vinyl acetate                  | 0.208257 ppb v/v |
|                    |          |           |                 |                      |                     |              | Vinyl chloride                 | 0.208257 ppb v/v |
|                    |          |           |                 |                      |                     |              | Ethanol                        | 0.400944 ppb v/v |
| .ATTO15CAL6w_00181 | 12/13/20 | 10/19/20  | Nitrogen, Lot 1 | 15.463 L             | ATTO15CALSTKi_00134 | 1546 mL      | 1,1,1-Trichloroethane          | 20.376 ppb v/v   |
|                    |          |           |                 |                      |                     |              | 1,1,2,2-Tetrachloroethane      | 20.676 ppb v/v   |
|                    |          |           |                 |                      |                     |              | 1,1,2-Trichloroethane          | 20.9559 ppb v/v  |
|                    |          |           |                 |                      |                     |              | 1,1,2-Trichlorotrifluoroethane | 20.9759 ppb v/v  |
|                    |          |           |                 |                      |                     |              | 1,1-Dichloroethane             | 19.9961 ppb v/v  |
|                    |          |           |                 |                      |                     |              | 1,1-Dichloroethene             | 20.556 ppb v/v   |
|                    |          |           |                 |                      |                     |              | 1,2,3-Trichlorobenzene         | 18.2365 ppb v/v  |
|                    |          |           |                 |                      |                     |              | 1,2,3-Trichloropropane         | 21.1759 ppb v/v  |

## REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-56451-1

SDG No.: 200-56451-1

| Reagent ID | Exp Date | Prep Date | Dilutant Used | Reagent Final Volume | Parent Reagent |              | Analyte                                       | Concentration   |
|------------|----------|-----------|---------------|----------------------|----------------|--------------|-----------------------------------------------|-----------------|
|            |          |           |               |                      | Reagent ID     | Volume Added |                                               |                 |
|            |          |           |               |                      |                |              | 1,2,4-Trichlorobenzene                        | 21.7158 ppb v/v |
|            |          |           |               |                      |                |              | 1,2,4-Trimethylbenzene                        | 20.796 ppb v/v  |
|            |          |           |               |                      |                |              | 1,2-Dibromoethane                             | 21.2159 ppb v/v |
|            |          |           |               |                      |                |              | 1,2-Dichlorobenzene                           | 20.8759 ppb v/v |
|            |          |           |               |                      |                |              | 1,2-Dichloroethane                            | 20.716 ppb v/v  |
|            |          |           |               |                      |                |              | 1,2-Dichloropropane                           | 20.616 ppb v/v  |
|            |          |           |               |                      |                |              | 1,2-Dichlorotetrafluoroethane                 | 20.816 ppb v/v  |
|            |          |           |               |                      |                |              | 1,3,5-Trimethylbenzene                        | 20.776 ppb v/v  |
|            |          |           |               |                      |                |              | 1,3-Butadiene                                 | 20.2361 ppb v/v |
|            |          |           |               |                      |                |              | 1,3-Dichlorobenzene                           | 21.1559 ppb v/v |
|            |          |           |               |                      |                |              | 1,4-Dichlorobenzene                           | 20.9359 ppb v/v |
|            |          |           |               |                      |                |              | 1,4-Dioxane                                   | 21.1559 ppb v/v |
|            |          |           |               |                      |                |              | 2,2,4-Trimethylpentane                        | 20.9359 ppb v/v |
|            |          |           |               |                      |                |              | 2-Chlorotoluene                               | 20.8759 ppb v/v |
|            |          |           |               |                      |                |              | 2-Methylbutane                                | 20.8759 ppb v/v |
|            |          |           |               |                      |                |              | 3-Chloropropene                               | 21.2959 ppb v/v |
|            |          |           |               |                      |                |              | 4-Ethyltoluene                                | 20.656 ppb v/v  |
|            |          |           |               |                      |                |              | 4-Isopropyltoluene                            | 20.616 ppb v/v  |
|            |          |           |               |                      |                |              | 4-Methyl-2-pentanone (Methyl isobutyl ketone) | 20.476 ppb v/v  |
|            |          |           |               |                      |                |              | Acetone                                       | 20.476 ppb v/v  |
|            |          |           |               |                      |                |              | Acetonitrile                                  | 19.7962 ppb v/v |
|            |          |           |               |                      |                |              | Acrolein                                      | 19.4362 ppb v/v |
|            |          |           |               |                      |                |              | Acrylonitrile                                 | 20.2161 ppb v/v |
|            |          |           |               |                      |                |              | Alpha Methyl Styrene                          | 20.396 ppb v/v  |
|            |          |           |               |                      |                |              | Benzene                                       | 20.656 ppb v/v  |

# REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-56451-1

SDG No.: 200-56451-1

| Reagent ID | Exp Date | Prep Date | Dilutant Used | Reagent Final Volume | Parent Reagent |              | Analyte                     | Concentration   |
|------------|----------|-----------|---------------|----------------------|----------------|--------------|-----------------------------|-----------------|
|            |          |           |               |                      | Reagent ID     | Volume Added |                             |                 |
|            |          |           |               |                      |                |              | Benzyl chloride             | 21.1559 ppb v/v |
|            |          |           |               |                      |                |              | Bromodichloromethane        | 21.1359 ppb v/v |
|            |          |           |               |                      |                |              | Bromoethene (Vinyl Bromide) | 20.836 ppb v/v  |
|            |          |           |               |                      |                |              | Bromoform                   | 20.576 ppb v/v  |
|            |          |           |               |                      |                |              | Bromomethane                | 20.616 ppb v/v  |
|            |          |           |               |                      |                |              | Carbon disulfide            | 20.3161 ppb v/v |
|            |          |           |               |                      |                |              | Carbon tetrachloride        | 20.3161 ppb v/v |
|            |          |           |               |                      |                |              | Chlorobenzene               | 20.9759 ppb v/v |
|            |          |           |               |                      |                |              | Chlorodifluoromethane       | 20.9559 ppb v/v |
|            |          |           |               |                      |                |              | Chloroethane                | 20.776 ppb v/v  |
|            |          |           |               |                      |                |              | Chloroform                  | 20.1961 ppb v/v |
|            |          |           |               |                      |                |              | Chloromethane               | 21.8358 ppb v/v |
|            |          |           |               |                      |                |              | cis-1,2-Dichloroethene      | 20.1961 ppb v/v |
|            |          |           |               |                      |                |              | cis-1,3-Dichloropropene     | 20.776 ppb v/v  |
|            |          |           |               |                      |                |              | Cumene                      | 20.856 ppb v/v  |
|            |          |           |               |                      |                |              | Cyclohexane                 | 20.2961 ppb v/v |
|            |          |           |               |                      |                |              | Dibromochloromethane        | 19.3562 ppb v/v |
|            |          |           |               |                      |                |              | Dibromomethane              | 20.596 ppb v/v  |
|            |          |           |               |                      |                |              | Dichlorodifluoromethane     | 20.8759 ppb v/v |
|            |          |           |               |                      |                |              | Dodecane                    | 18.7164 ppb v/v |
|            |          |           |               |                      |                |              | Ethyl acetate               | 20.2561 ppb v/v |
|            |          |           |               |                      |                |              | Ethyl ether                 | 20.1561 ppb v/v |
|            |          |           |               |                      |                |              | Ethylbenzene                | 20.436 ppb v/v  |
|            |          |           |               |                      |                |              | Hexachlorobutadiene         | 20.516 ppb v/v  |
|            |          |           |               |                      |                |              | Isopropyl alcohol           | 20.436 ppb v/v  |

## REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-56451-1

SDG No.: 200-56451-1

| Reagent ID | Exp Date | Prep Date | Dilutant Used | Reagent Final Volume | Parent Reagent |              | Analyte                          | Concentration   |
|------------|----------|-----------|---------------|----------------------|----------------|--------------|----------------------------------|-----------------|
|            |          |           |               |                      | Reagent ID     | Volume Added |                                  |                 |
|            |          |           |               |                      |                |              | m,p-Xylene                       | 41.112 ppb v/v  |
|            |          |           |               |                      |                |              | Methyl Butyl Ketone (2-Hexanone) | 19.9761 ppb v/v |
|            |          |           |               |                      |                |              | Methyl Ethyl Ketone (2-Butanone) | 20.676 ppb v/v  |
|            |          |           |               |                      |                |              | Methyl methacrylate              | 20.3161 ppb v/v |
|            |          |           |               |                      |                |              | Methyl tert-butyl ether          | 20.8959 ppb v/v |
|            |          |           |               |                      |                |              | Methylene Chloride               | 20.556 ppb v/v  |
|            |          |           |               |                      |                |              | n-Butane                         | 20.716 ppb v/v  |
|            |          |           |               |                      |                |              | n-Butanol                        | 19.0963 ppb v/v |
|            |          |           |               |                      |                |              | n-Butylbenzene                   | 20.776 ppb v/v  |
|            |          |           |               |                      |                |              | n-Decane                         | 20.836 ppb v/v  |
|            |          |           |               |                      |                |              | n-Heptane                        | 21.0159 ppb v/v |
|            |          |           |               |                      |                |              | n-Hexane                         | 21.1759 ppb v/v |
|            |          |           |               |                      |                |              | n-Nonane                         | 20.9559 ppb v/v |
|            |          |           |               |                      |                |              | n-Octane                         | 20.656 ppb v/v  |
|            |          |           |               |                      |                |              | n-Propylbenzene                  | 20.796 ppb v/v  |
|            |          |           |               |                      |                |              | Naphthalene                      | 19.4362 ppb v/v |
|            |          |           |               |                      |                |              | o-Xylene                         | 20.716 ppb v/v  |
|            |          |           |               |                      |                |              | Pentane                          | 20.2561 ppb v/v |
|            |          |           |               |                      |                |              | Propene                          | 20.636 ppb v/v  |
|            |          |           |               |                      |                |              | sec-Butylbenzene                 | 20.9159 ppb v/v |
|            |          |           |               |                      |                |              | Styrene                          | 20.636 ppb v/v  |
|            |          |           |               |                      |                |              | tert-Butyl alcohol               | 21.5558 ppb v/v |
|            |          |           |               |                      |                |              | tert-Butylbenzene                | 20.716 ppb v/v  |
|            |          |           |               |                      |                |              | Tetrachloroethene                | 20.9959 ppb v/v |
|            |          |           |               |                      |                |              | Tetrahydrofuran                  | 19.9761 ppb v/v |

## REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-56451-1

SDG No.: 200-56451-1

| Reagent ID            | Exp Date | Prep Date | Dilutant Used    | Reagent Final Volume | Parent Reagent      |              | Analyte                                       | Concentration   |
|-----------------------|----------|-----------|------------------|----------------------|---------------------|--------------|-----------------------------------------------|-----------------|
|                       |          |           |                  |                      | Reagent ID          | Volume Added |                                               |                 |
|                       |          |           |                  |                      |                     |              | Toluene                                       | 20.3161 ppb v/v |
|                       |          |           |                  |                      |                     |              | trans-1,2-Dichloroethene                      | 20.396 ppb v/v  |
|                       |          |           |                  |                      |                     |              | trans-1,3-Dichloropropene                     | 19.7562 ppb v/v |
|                       |          |           |                  |                      |                     |              | Trichloroethene                               | 21.0559 ppb v/v |
|                       |          |           |                  |                      |                     |              | Trichlorofluoromethane                        | 21.1159 ppb v/v |
|                       |          |           |                  |                      |                     |              | Undecane                                      | 20.9159 ppb v/v |
|                       |          |           |                  |                      |                     |              | Vinyl acetate                                 | 20.776 ppb v/v  |
|                       |          |           |                  |                      |                     |              | Vinyl chloride                                | 20.776 ppb v/v  |
|                       |          |           |                  |                      | ATTO15EthCALw_00121 | 1237 mL      | Ethanol                                       | 39.9987 ppb v/v |
| ..ATTO15CALSTKi_00134 | 12/13/20 | 10/16/20  | Nitrogen, Lot 13 | 15 L                 | ATTO15CALs_00039    | 3000 mL      | 1,1,1-Trichloroethane                         | 203.8 ppb v/v   |
|                       |          |           |                  |                      |                     |              | 1,1,2,2-Tetrachloroethane                     | 206.8 ppb v/v   |
|                       |          |           |                  |                      |                     |              | 1,1,2-Trichloroethane                         | 209.6 ppb v/v   |
|                       |          |           |                  |                      |                     |              | 1,1,2-Trichlorotrifluoroethane                | 209.8 ppb v/v   |
|                       |          |           |                  |                      |                     |              | 1,1-Dichloroethane                            | 200 ppb v/v     |
|                       |          |           |                  |                      |                     |              | 1,1-Dichloroethene                            | 205.6 ppb v/v   |
|                       |          |           |                  |                      |                     |              | 1,2,3-Trichlorobenzene                        | 182.4 ppb v/v   |
|                       |          |           |                  |                      |                     |              | 1,2,3-Trichloropropane                        | 211.8 ppb v/v   |
|                       |          |           |                  |                      |                     |              | 1,2,4-Trichlorobenzene                        | 217.2 ppb v/v   |
|                       |          |           |                  |                      |                     |              | 1,2,4-Trimethylbenzene                        | 208 ppb v/v     |
|                       |          |           |                  |                      |                     |              | 1,2-Dibromoethane                             | 212.2 ppb v/v   |
|                       |          |           |                  |                      |                     |              | 1,2-Dichlorobenzene                           | 208.8 ppb v/v   |
|                       |          |           |                  |                      |                     |              | 1,2-Dichloroethane                            | 207.2 ppb v/v   |
|                       |          |           |                  |                      |                     |              | 1,2-Dichloropropane                           | 206.2 ppb v/v   |
|                       |          |           |                  |                      |                     |              | 1,2-Dichlorotetrafluoroethane                 | 208.2 ppb v/v   |
|                       |          |           |                  |                      |                     |              | 1,3,5-Trimethylbenzene                        | 207.8 ppb v/v   |
|                       |          |           |                  |                      |                     |              | 1,3-Butadiene                                 | 202.4 ppb v/v   |
|                       |          |           |                  |                      |                     |              | 1,3-Dichlorobenzene                           | 211.6 ppb v/v   |
|                       |          |           |                  |                      |                     |              | 1,4-Dichlorobenzene                           | 209.4 ppb v/v   |
|                       |          |           |                  |                      |                     |              | 1,4-Dioxane                                   | 211.6 ppb v/v   |
|                       |          |           |                  |                      |                     |              | 2,2,4-Trimethylpentane                        | 209.4 ppb v/v   |
|                       |          |           |                  |                      |                     |              | 2-Chlorotoluene                               | 208.8 ppb v/v   |
|                       |          |           |                  |                      |                     |              | 2-Methylbutane                                | 208.8 ppb v/v   |
|                       |          |           |                  |                      |                     |              | 3-Chloropropene                               | 213 ppb v/v     |
|                       |          |           |                  |                      |                     |              | 4-Ethyltoluene                                | 206.6 ppb v/v   |
|                       |          |           |                  |                      |                     |              | 4-Isopropyltoluene                            | 206.2 ppb v/v   |
|                       |          |           |                  |                      |                     |              | 4-Methyl-2-pentanone (Methyl isobutyl ketone) | 204.8 ppb v/v   |
|                       |          |           |                  |                      |                     |              | Acetone                                       | 204.8 ppb v/v   |
|                       |          |           |                  |                      |                     |              | Acetonitrile                                  | 198 ppb v/v     |
|                       |          |           |                  |                      |                     |              | Acrolein                                      | 194.4 ppb v/v   |



# REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-56451-1

SDG No.: 200-56451-1

| Reagent ID | Exp Date | Prep Date | Dilutant Used | Reagent Final Volume | Parent Reagent |              | Analyte                          | Concentration |
|------------|----------|-----------|---------------|----------------------|----------------|--------------|----------------------------------|---------------|
|            |          |           |               |                      | Reagent ID     | Volume Added |                                  |               |
|            |          |           |               |                      |                |              | Acrylonitrile                    | 202.2 ppb v/v |
|            |          |           |               |                      |                |              | Alpha Methyl Styrene             | 204 ppb v/v   |
|            |          |           |               |                      |                |              | Benzene                          | 206.6 ppb v/v |
|            |          |           |               |                      |                |              | Benzyl chloride                  | 211.6 ppb v/v |
|            |          |           |               |                      |                |              | Bromodichloromethane             | 211.4 ppb v/v |
|            |          |           |               |                      |                |              | Bromoethene (Vinyl Bromide)      | 208.4 ppb v/v |
|            |          |           |               |                      |                |              | Bromoform                        | 205.8 ppb v/v |
|            |          |           |               |                      |                |              | Bromomethane                     | 206.2 ppb v/v |
|            |          |           |               |                      |                |              | Carbon disulfide                 | 203.2 ppb v/v |
|            |          |           |               |                      |                |              | Carbon tetrachloride             | 203.2 ppb v/v |
|            |          |           |               |                      |                |              | Chlorobenzene                    | 209.8 ppb v/v |
|            |          |           |               |                      |                |              | Chlorodifluoromethane            | 209.6 ppb v/v |
|            |          |           |               |                      |                |              | Chloroethane                     | 207.8 ppb v/v |
|            |          |           |               |                      |                |              | Chloroform                       | 202 ppb v/v   |
|            |          |           |               |                      |                |              | Chloromethane                    | 218.4 ppb v/v |
|            |          |           |               |                      |                |              | cis-1,2-Dichloroethene           | 202 ppb v/v   |
|            |          |           |               |                      |                |              | cis-1,3-Dichloropropene          | 207.8 ppb v/v |
|            |          |           |               |                      |                |              | Cumene                           | 208.6 ppb v/v |
|            |          |           |               |                      |                |              | Cyclohexane                      | 203 ppb v/v   |
|            |          |           |               |                      |                |              | Dibromochloromethane             | 193.6 ppb v/v |
|            |          |           |               |                      |                |              | Dibromomethane                   | 206 ppb v/v   |
|            |          |           |               |                      |                |              | Dichlorodifluoromethane          | 208.8 ppb v/v |
|            |          |           |               |                      |                |              | Dodecane                         | 187.2 ppb v/v |
|            |          |           |               |                      |                |              | Ethyl acetate                    | 202.6 ppb v/v |
|            |          |           |               |                      |                |              | Ethyl ether                      | 201.6 ppb v/v |
|            |          |           |               |                      |                |              | Ethylbenzene                     | 204.4 ppb v/v |
|            |          |           |               |                      |                |              | Hexachlorobutadiene              | 205.2 ppb v/v |
|            |          |           |               |                      |                |              | Isopropyl alcohol                | 204.4 ppb v/v |
|            |          |           |               |                      |                |              | m,p-Xylene                       | 411.2 ppb v/v |
|            |          |           |               |                      |                |              | Methyl Butyl Ketone (2-Hexanone) | 199.8 ppb v/v |
|            |          |           |               |                      |                |              | Methyl Ethyl Ketone (2-Butanone) | 206.8 ppb v/v |
|            |          |           |               |                      |                |              | Methyl methacrylate              | 203.2 ppb v/v |
|            |          |           |               |                      |                |              | Methyl tert-butyl ether          | 209 ppb v/v   |
|            |          |           |               |                      |                |              | Methylene Chloride               | 205.6 ppb v/v |
|            |          |           |               |                      |                |              | n-Butane                         | 207.2 ppb v/v |
|            |          |           |               |                      |                |              | n-Butanol                        | 191 ppb v/v   |
|            |          |           |               |                      |                |              | n-Butylbenzene                   | 207.8 ppb v/v |
|            |          |           |               |                      |                |              | n-Decane                         | 208.4 ppb v/v |
|            |          |           |               |                      |                |              | n-Heptane                        | 210.2 ppb v/v |
|            |          |           |               |                      |                |              | n-Hexane                         | 211.8 ppb v/v |
|            |          |           |               |                      |                |              | n-Nonane                         | 209.6 ppb v/v |
|            |          |           |               |                      |                |              | n-Octane                         | 206.6 ppb v/v |
|            |          |           |               |                      |                |              | n-Propylbenzene                  | 208 ppb v/v   |
|            |          |           |               |                      |                |              | Naphthalene                      | 194.4 ppb v/v |
|            |          |           |               |                      |                |              | o-Xylene                         | 207.2 ppb v/v |
|            |          |           |               |                      |                |              | Pentane                          | 202.6 ppb v/v |

## REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-56451-1

SDG No.: 200-56451-1

| Reagent ID          | Exp Date | Prep Date | Dilutant Used        | Reagent Final Volume | Parent Reagent |                     | Analyte                                       | Concentration |
|---------------------|----------|-----------|----------------------|----------------------|----------------|---------------------|-----------------------------------------------|---------------|
|                     |          |           |                      |                      | Reagent ID     | Volume Added        |                                               |               |
| ...ATTO15CALs_00039 | 12/13/20 |           | Linde, Lot CC-237336 |                      |                |                     | Propene                                       | 206.4 ppb v/v |
|                     |          |           |                      |                      |                |                     | sec-Butylbenzene                              | 209.2 ppb v/v |
|                     |          |           |                      |                      |                |                     | Styrene                                       | 206.4 ppb v/v |
|                     |          |           |                      |                      |                |                     | tert-Butyl alcohol                            | 215.6 ppb v/v |
|                     |          |           |                      |                      |                |                     | tert-Butylbenzene                             | 207.2 ppb v/v |
|                     |          |           |                      |                      |                |                     | Tetrachloroethene                             | 210 ppb v/v   |
|                     |          |           |                      |                      |                |                     | Tetrahydrofuran                               | 199.8 ppb v/v |
|                     |          |           |                      |                      |                |                     | Toluene                                       | 203.2 ppb v/v |
|                     |          |           |                      |                      |                |                     | trans-1,2-Dichloroethene                      | 204 ppb v/v   |
|                     |          |           |                      |                      |                |                     | trans-1,3-Dichloropropene                     | 197.6 ppb v/v |
|                     |          |           |                      |                      |                |                     | Trichloroethene                               | 210.6 ppb v/v |
|                     |          |           |                      |                      |                |                     | Trichlorofluoromethane                        | 211.2 ppb v/v |
|                     |          |           |                      |                      |                |                     | Undecane                                      | 209.2 ppb v/v |
|                     |          |           |                      |                      |                |                     | Vinyl acetate                                 | 207.8 ppb v/v |
|                     |          |           |                      |                      |                |                     | Vinyl chloride                                | 207.8 ppb v/v |
|                     |          |           |                      |                      |                | (Purchased Reagent) | 1,1,1-Trichloroethane                         | 1.019 ppm v/v |
|                     |          |           |                      |                      |                |                     | 1,1,2,2-Tetrachloroethane                     | 1.034 ppm v/v |
|                     |          |           |                      |                      |                |                     | 1,1,2-Trichloroethane                         | 1.048 ppm v/v |
|                     |          |           |                      |                      |                |                     | 1,1,2-Trichlorotrifluoroethane                | 1.049 ppm v/v |
|                     |          |           |                      |                      |                |                     | 1,1-Dichloroethane                            | 1 ppm v/v     |
|                     |          |           |                      |                      |                |                     | 1,1-Dichloroethene                            | 1.028 ppm v/v |
|                     |          |           |                      |                      |                |                     | 1,2,3-Trichlorobenzene                        | 0.912 ppm v/v |
|                     |          |           |                      |                      |                |                     | 1,2,3-Trichloropropane                        | 1.059 ppm v/v |
|                     |          |           |                      |                      |                |                     | 1,2,4-Trichlorobenzene                        | 1.086 ppm v/v |
|                     |          |           |                      |                      |                |                     | 1,2,4-Trimethylbenzene                        | 1.04 ppm v/v  |
|                     |          |           |                      |                      |                |                     | 1,2-Dibromoethane                             | 1.061 ppm v/v |
|                     |          |           |                      |                      |                |                     | 1,2-Dichlorobenzene                           | 1.044 ppm v/v |
|                     |          |           |                      |                      |                |                     | 1,2-Dichloroethane                            | 1.036 ppm v/v |
|                     |          |           |                      |                      |                |                     | 1,2-Dichloropropane                           | 1.031 ppm v/v |
|                     |          |           |                      |                      |                |                     | 1,2-Dichlorotetrafluoroethane                 | 1.041 ppm v/v |
|                     |          |           |                      |                      |                |                     | 1,3,5-Trimethylbenzene                        | 1.039 ppm v/v |
|                     |          |           |                      |                      |                |                     | 1,3-Butadiene                                 | 1.012 ppm v/v |
|                     |          |           |                      |                      |                |                     | 1,3-Dichlorobenzene                           | 1.058 ppm v/v |
|                     |          |           |                      |                      |                |                     | 1,4-Dichlorobenzene                           | 1.047 ppm v/v |
|                     |          |           |                      |                      |                |                     | 1,4-Dioxane                                   | 1.058 ppm v/v |
|                     |          |           |                      |                      |                |                     | 2,2,4-Trimethylpentane                        | 1.047 ppm v/v |
|                     |          |           |                      |                      |                |                     | 2-Chlorotoluene                               | 1.044 ppm v/v |
|                     |          |           |                      |                      |                |                     | 2-Methylbutane                                | 1.044 ppm v/v |
|                     |          |           |                      |                      |                |                     | 3-Chloropropene                               | 1.065 ppm v/v |
|                     |          |           |                      |                      |                |                     | 4-Ethyltoluene                                | 1.033 ppm v/v |
|                     |          |           |                      |                      |                |                     | 4-Isopropyltoluene                            | 1.031 ppm v/v |
|                     |          |           |                      |                      |                |                     | 4-Methyl-2-pentanone (Methyl isobutyl ketone) | 1.024 ppm v/v |
|                     |          |           |                      |                      |                |                     | Acetone                                       | 1.024 ppm v/v |
|                     |          |           |                      |                      |                |                     | Acetonitrile                                  | 0.99 ppm v/v  |
|                     |          |           |                      |                      |                |                     | Acrolein                                      | 0.972 ppm v/v |
|                     |          |           |                      |                      |                |                     | Acrylonitrile                                 | 1.011 ppm v/v |
|                     |          |           |                      |                      |                |                     | Alpha Methyl Styrene                          | 1.02 ppm v/v  |

# REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-56451-1

SDG No.: 200-56451-1

| Reagent ID | Exp Date | Prep Date | Dilutant Used | Reagent Final Volume | Parent Reagent |              | Analyte                          | Concentration |
|------------|----------|-----------|---------------|----------------------|----------------|--------------|----------------------------------|---------------|
|            |          |           |               |                      | Reagent ID     | Volume Added |                                  |               |
|            |          |           |               |                      |                |              | Benzene                          | 1.033 ppm v/v |
|            |          |           |               |                      |                |              | Benzyl chloride                  | 1.058 ppm v/v |
|            |          |           |               |                      |                |              | Bromodichloromethane             | 1.057 ppm v/v |
|            |          |           |               |                      |                |              | Bromoethene (Vinyl Bromide)      | 1.042 ppm v/v |
|            |          |           |               |                      |                |              | Bromoform                        | 1.029 ppm v/v |
|            |          |           |               |                      |                |              | Bromomethane                     | 1.031 ppm v/v |
|            |          |           |               |                      |                |              | Carbon disulfide                 | 1.016 ppm v/v |
|            |          |           |               |                      |                |              | Carbon tetrachloride             | 1.016 ppm v/v |
|            |          |           |               |                      |                |              | Chlorobenzene                    | 1.049 ppm v/v |
|            |          |           |               |                      |                |              | Chlorodifluoromethane            | 1.048 ppm v/v |
|            |          |           |               |                      |                |              | Chloroethane                     | 1.039 ppm v/v |
|            |          |           |               |                      |                |              | Chloroform                       | 1.01 ppm v/v  |
|            |          |           |               |                      |                |              | Chloromethane                    | 1.092 ppm v/v |
|            |          |           |               |                      |                |              | cis-1,2-Dichloroethene           | 1.01 ppm v/v  |
|            |          |           |               |                      |                |              | cis-1,3-Dichloropropene          | 1.039 ppm v/v |
|            |          |           |               |                      |                |              | Cumene                           | 1.043 ppm v/v |
|            |          |           |               |                      |                |              | Cyclohexane                      | 1.015 ppm v/v |
|            |          |           |               |                      |                |              | Dibromochloromethane             | 0.968 ppm v/v |
|            |          |           |               |                      |                |              | Dibromomethane                   | 1.03 ppm v/v  |
|            |          |           |               |                      |                |              | Dichlorodifluoromethane          | 1.044 ppm v/v |
|            |          |           |               |                      |                |              | Dodecane                         | 0.936 ppm v/v |
|            |          |           |               |                      |                |              | Ethyl acetate                    | 1.013 ppm v/v |
|            |          |           |               |                      |                |              | Ethyl ether                      | 1.008 ppm v/v |
|            |          |           |               |                      |                |              | Ethylbenzene                     | 1.022 ppm v/v |
|            |          |           |               |                      |                |              | Hexachlorobutadiene              | 1.026 ppm v/v |
|            |          |           |               |                      |                |              | Isopropyl alcohol                | 1.022 ppm v/v |
|            |          |           |               |                      |                |              | m,p-Xylene                       | 2.056 ppm v/v |
|            |          |           |               |                      |                |              | Methyl Butyl Ketone (2-Hexanone) | 0.999 ppm v/v |
|            |          |           |               |                      |                |              | Methyl Ethyl Ketone (2-Butanone) | 1.034 ppm v/v |
|            |          |           |               |                      |                |              | Methyl methacrylate              | 1.016 ppm v/v |
|            |          |           |               |                      |                |              | Methyl tert-butyl ether          | 1.045 ppm v/v |
|            |          |           |               |                      |                |              | Methylene Chloride               | 1.028 ppm v/v |
|            |          |           |               |                      |                |              | n-Butane                         | 1.036 ppm v/v |
|            |          |           |               |                      |                |              | n-Butanol                        | 0.955 ppm v/v |
|            |          |           |               |                      |                |              | n-Butylbenzene                   | 1.039 ppm v/v |
|            |          |           |               |                      |                |              | n-Decane                         | 1.042 ppm v/v |
|            |          |           |               |                      |                |              | n-Heptane                        | 1.051 ppm v/v |
|            |          |           |               |                      |                |              | n-Hexane                         | 1.059 ppm v/v |
|            |          |           |               |                      |                |              | n-Nonane                         | 1.048 ppm v/v |
|            |          |           |               |                      |                |              | n-Octane                         | 1.033 ppm v/v |
|            |          |           |               |                      |                |              | n-Propylbenzene                  | 1.04 ppm v/v  |
|            |          |           |               |                      |                |              | Naphthalene                      | 0.972 ppm v/v |
|            |          |           |               |                      |                |              | o-Xylene                         | 1.036 ppm v/v |
|            |          |           |               |                      |                |              | Pentane                          | 1.013 ppm v/v |
|            |          |           |               |                      |                |              | Propene                          | 1.032 ppm v/v |
|            |          |           |               |                      |                |              | sec-Butylbenzene                 | 1.046 ppm v/v |

## REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-56451-1

SDG No.: 200-56451-1

| Reagent ID             | Exp Date | Prep Date | Dilutant Used             | Reagent Final Volume | Parent Reagent      |              | Analyte                        | Concentration    |
|------------------------|----------|-----------|---------------------------|----------------------|---------------------|--------------|--------------------------------|------------------|
|                        |          |           |                           |                      | Reagent ID          | Volume Added |                                |                  |
|                        |          |           |                           |                      |                     |              | Styrene                        | 1.032 ppm v/v    |
|                        |          |           |                           |                      |                     |              | tert-Butyl alcohol             | 1.078 ppm v/v    |
|                        |          |           |                           |                      |                     |              | tert-Butylbenzene              | 1.036 ppm v/v    |
|                        |          |           |                           |                      |                     |              | Tetrachloroethene              | 1.05 ppm v/v     |
|                        |          |           |                           |                      |                     |              | Tetrahydrofuran                | 0.999 ppm v/v    |
|                        |          |           |                           |                      |                     |              | Toluene                        | 1.016 ppm v/v    |
|                        |          |           |                           |                      |                     |              | trans-1,2-Dichloroethene       | 1.02 ppm v/v     |
|                        |          |           |                           |                      |                     |              | trans-1,3-Dichloropropene      | 0.988 ppm v/v    |
|                        |          |           |                           |                      |                     |              | Trichloroethene                | 1.053 ppm v/v    |
|                        |          |           |                           |                      |                     |              | Trichlorofluoromethane         | 1.056 ppm v/v    |
|                        |          |           |                           |                      |                     |              | Undecane                       | 1.046 ppm v/v    |
|                        |          |           |                           |                      |                     |              | Vinyl acetate                  | 1.039 ppm v/v    |
|                        |          |           |                           |                      |                     |              | Vinyl chloride                 | 1.039 ppm v/v    |
| ..ATTO15EthCALw_00121  | 12/30/20 | 10/16/20  | Nitrogen, Lot 12          | 37.5 ppb             | ATTO15EthCALs_00009 | 18.75 uL     | Ethanol                        | 500 ppb v/v      |
| ...ATTO15EthCALs_00009 | 09/05/21 |           | Chem Service, Lot 5301900 |                      | (Purchased Reagent) |              | Ethanol                        | 1 mL/mL          |
| ATTO15CAL1w_00224      | 03/14/21 | 12/14/20  | Nitrogen, Lot 12          | 15.463 L             | ATTO15CAL6w_00184   | 155 mL       | 1,1,1-Trichloroethane          | 0.204248 ppb v/v |
|                        |          |           |                           |                      |                     |              | 1,1,2,2-Tetrachloroethane      | 0.207255 ppb v/v |
|                        |          |           |                           |                      |                     |              | 1,1,2-Trichloroethane          | 0.210061 ppb v/v |
|                        |          |           |                           |                      |                     |              | 1,1,2-Trichlorotrifluoroethane | 0.210261 ppb v/v |
|                        |          |           |                           |                      |                     |              | 1,1-Dichloroethane             | 0.20044 ppb v/v  |
|                        |          |           |                           |                      |                     |              | 1,1-Dichloroethene             | 0.206052 ppb v/v |
|                        |          |           |                           |                      |                     |              | 1,2,3-Trichlorobenzene         | 0.182801 ppb v/v |
|                        |          |           |                           |                      |                     |              | 1,2,3-Trichloropropane         | 0.212266 ppb v/v |
|                        |          |           |                           |                      |                     |              | 1,2,4-Trichlorobenzene         | 0.217677 ppb v/v |
|                        |          |           |                           |                      |                     |              | 1,2,4-Trimethylbenzene         | 0.208457 ppb v/v |
|                        |          |           |                           |                      |                     |              | 1,2-Dibromoethane              | 0.212666 ppb v/v |
|                        |          |           |                           |                      |                     |              | 1,2-Dichlorobenzene            | 0.209259 ppb v/v |
|                        |          |           |                           |                      |                     |              | 1,2-Dichloroethane             | 0.207655 ppb v/v |
|                        |          |           |                           |                      |                     |              | 1,2-Dichloropropane            | 0.206653 ppb v/v |
|                        |          |           |                           |                      |                     |              | 1,2-Dichlorotetrafluoroethane  | 0.208658 ppb v/v |
|                        |          |           |                           |                      |                     |              | 1,3,5-Trimethylbenzene         | 0.208257 ppb v/v |
|                        |          |           |                           |                      |                     |              | 1,3-Butadiene                  | 0.202845 ppb v/v |

# REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-56451-1

SDG No.: 200-56451-1

| Reagent ID | Exp Date | Prep Date | Dilutant Used | Reagent Final Volume | Parent Reagent |              | Analyte                                       | Concentration    |
|------------|----------|-----------|---------------|----------------------|----------------|--------------|-----------------------------------------------|------------------|
|            |          |           |               |                      | Reagent ID     | Volume Added |                                               |                  |
|            |          |           |               |                      |                |              | 1,3-Dichlorobenzene                           | 0.212065 ppb v/v |
|            |          |           |               |                      |                |              | 1,4-Dichlorobenzene                           | 0.20986 ppb v/v  |
|            |          |           |               |                      |                |              | 1,4-Dioxane                                   | 0.212065 ppb v/v |
|            |          |           |               |                      |                |              | 2,2,4-Trimethylpentane                        | 0.20986 ppb v/v  |
|            |          |           |               |                      |                |              | 2-Chlorotoluene                               | 0.209259 ppb v/v |
|            |          |           |               |                      |                |              | 2-Methylbutane                                | 0.209259 ppb v/v |
|            |          |           |               |                      |                |              | 3-Chloropropene                               | 0.213468 ppb v/v |
|            |          |           |               |                      |                |              | 4-Ethyltoluene                                | 0.207054 ppb v/v |
|            |          |           |               |                      |                |              | 4-Isopropyltoluene                            | 0.206653 ppb v/v |
|            |          |           |               |                      |                |              | 4-Methyl-2-pentanone (Methyl isobutyl ketone) | 0.20525 ppb v/v  |
|            |          |           |               |                      |                |              | Acetone                                       | 0.20525 ppb v/v  |
|            |          |           |               |                      |                |              | Acetonitrile                                  | 0.198435 ppb v/v |
|            |          |           |               |                      |                |              | Acrolein                                      | 0.194827 ppb v/v |
|            |          |           |               |                      |                |              | Acrylonitrile                                 | 0.202645 ppb v/v |
|            |          |           |               |                      |                |              | Alpha Methyl Styrene                          | 0.204448 ppb v/v |
|            |          |           |               |                      |                |              | Benzene                                       | 0.207054 ppb v/v |
|            |          |           |               |                      |                |              | Benzyl chloride                               | 0.212065 ppb v/v |
|            |          |           |               |                      |                |              | Bromodichloromethane                          | 0.211865 ppb v/v |
|            |          |           |               |                      |                |              | Bromoethene (Vinyl Bromide)                   | 0.208858 ppb v/v |
|            |          |           |               |                      |                |              | Bromoform                                     | 0.206252 ppb v/v |
|            |          |           |               |                      |                |              | Bromomethane                                  | 0.206653 ppb v/v |
|            |          |           |               |                      |                |              | Carbon disulfide                              | 0.203647 ppb v/v |
|            |          |           |               |                      |                |              | Carbon tetrachloride                          | 0.203647 ppb v/v |
|            |          |           |               |                      |                |              | Chlorobenzene                                 | 0.210261 ppb v/v |
|            |          |           |               |                      |                |              | Chlorodifluoromethane                         | 0.210061 ppb v/v |

# REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-56451-1

SDG No.: 200-56451-1

| Reagent ID | Exp Date | Prep Date | Dilutant Used | Reagent Final Volume | Parent Reagent |              | Analyte                          | Concentration    |
|------------|----------|-----------|---------------|----------------------|----------------|--------------|----------------------------------|------------------|
|            |          |           |               |                      | Reagent ID     | Volume Added |                                  |                  |
|            |          |           |               |                      |                |              | Chloroethane                     | 0.208257 ppb v/v |
|            |          |           |               |                      |                |              | Chloroform                       | 0.202444 ppb v/v |
|            |          |           |               |                      |                |              | Chloromethane                    | 0.21888 ppb v/v  |
|            |          |           |               |                      |                |              | cis-1,2-Dichloroethene           | 0.202444 ppb v/v |
|            |          |           |               |                      |                |              | cis-1,3-Dichloropropene          | 0.208257 ppb v/v |
|            |          |           |               |                      |                |              | Cumene                           | 0.209059 ppb v/v |
|            |          |           |               |                      |                |              | Cyclohexane                      | 0.203446 ppb v/v |
|            |          |           |               |                      |                |              | Dibromochloromethane             | 0.194026 ppb v/v |
|            |          |           |               |                      |                |              | Dibromomethane                   | 0.206453 ppb v/v |
|            |          |           |               |                      |                |              | Dichlorodifluoromethane          | 0.209259 ppb v/v |
|            |          |           |               |                      |                |              | Dodecane                         | 0.187612 ppb v/v |
|            |          |           |               |                      |                |              | Ethyl acetate                    | 0.203045 ppb v/v |
|            |          |           |               |                      |                |              | Ethyl ether                      | 0.202043 ppb v/v |
|            |          |           |               |                      |                |              | Ethylbenzene                     | 0.204849 ppb v/v |
|            |          |           |               |                      |                |              | Hexachlorobutadiene              | 0.205651 ppb v/v |
|            |          |           |               |                      |                |              | Isopropyl alcohol                | 0.204849 ppb v/v |
|            |          |           |               |                      |                |              | m,p-Xylene                       | 0.412104 ppb v/v |
|            |          |           |               |                      |                |              | Methyl Butyl Ketone (2-Hexanone) | 0.200239 ppb v/v |
|            |          |           |               |                      |                |              | Methyl Ethyl Ketone (2-Butanone) | 0.207255 ppb v/v |
|            |          |           |               |                      |                |              | Methyl methacrylate              | 0.203647 ppb v/v |
|            |          |           |               |                      |                |              | Methyl tert-butyl ether          | 0.209459 ppb v/v |
|            |          |           |               |                      |                |              | Methylene Chloride               | 0.206052 ppb v/v |
|            |          |           |               |                      |                |              | n-Butane                         | 0.207655 ppb v/v |
|            |          |           |               |                      |                |              | n-Butanol                        | 0.19142 ppb v/v  |
|            |          |           |               |                      |                |              | n-Butylbenzene                   | 0.208257 ppb v/v |

# REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-56451-1

SDG No.: 200-56451-1

| Reagent ID | Exp Date | Prep Date | Dilutant Used | Reagent Final Volume | Parent Reagent |              | Analyte                   | Concentration    |
|------------|----------|-----------|---------------|----------------------|----------------|--------------|---------------------------|------------------|
|            |          |           |               |                      | Reagent ID     | Volume Added |                           |                  |
|            |          |           |               |                      |                |              | n-Decane                  | 0.208858 ppb v/v |
|            |          |           |               |                      |                |              | n-Heptane                 | 0.210662 ppb v/v |
|            |          |           |               |                      |                |              | n-Hexane                  | 0.212266 ppb v/v |
|            |          |           |               |                      |                |              | n-Nonane                  | 0.210061 ppb v/v |
|            |          |           |               |                      |                |              | n-Octane                  | 0.207054 ppb v/v |
|            |          |           |               |                      |                |              | n-Propylbenzene           | 0.208457 ppb v/v |
|            |          |           |               |                      |                |              | Naphthalene               | 0.194827 ppb v/v |
|            |          |           |               |                      |                |              | o-Xylene                  | 0.207655 ppb v/v |
|            |          |           |               |                      |                |              | Pentane                   | 0.203045 ppb v/v |
|            |          |           |               |                      |                |              | Propene                   | 0.206854 ppb v/v |
|            |          |           |               |                      |                |              | sec-Butylbenzene          | 0.20966 ppb v/v  |
|            |          |           |               |                      |                |              | Styrene                   | 0.206854 ppb v/v |
|            |          |           |               |                      |                |              | tert-Butyl alcohol        | 0.216074 ppb v/v |
|            |          |           |               |                      |                |              | tert-Butylbenzene         | 0.207655 ppb v/v |
|            |          |           |               |                      |                |              | Tetrachloroethene         | 0.210462 ppb v/v |
|            |          |           |               |                      |                |              | Tetrahydrofuran           | 0.200239 ppb v/v |
|            |          |           |               |                      |                |              | Toluene                   | 0.203647 ppb v/v |
|            |          |           |               |                      |                |              | trans-1,2-Dichloroethene  | 0.204448 ppb v/v |
|            |          |           |               |                      |                |              | trans-1,3-Dichloropropene | 0.198034 ppb v/v |
|            |          |           |               |                      |                |              | Trichloroethene           | 0.211063 ppb v/v |
|            |          |           |               |                      |                |              | Trichlorofluoromethane    | 0.211664 ppb v/v |
|            |          |           |               |                      |                |              | Undecane                  | 0.20966 ppb v/v  |
|            |          |           |               |                      |                |              | Vinyl acetate             | 0.208257 ppb v/v |
|            |          |           |               |                      |                |              | Vinyl chloride            | 0.208257 ppb v/v |
|            |          |           |               |                      |                |              | Ethanol                   | 0.400944 ppb v/v |

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-56451-1

SDG No.: 200-56451-1

| Reagent ID         | Exp Date | Prep Date | Dilutant Used   | Reagent Final Volume | Parent Reagent      |              | Analyte                        | Concentration   |
|--------------------|----------|-----------|-----------------|----------------------|---------------------|--------------|--------------------------------|-----------------|
|                    |          |           |                 |                      | Reagent ID          | Volume Added |                                |                 |
| .ATTO15CAL6w_00184 | 03/14/21 | 12/14/20  | Nitrogen, Lot 1 | 15.463 L             | ATTO15CALSTKi_00137 | 1546 mL      | 1,1,1-Trichloroethane          | 20.376 ppb v/v  |
|                    |          |           |                 |                      |                     |              | 1,1,2,2-Tetrachloroethane      | 20.676 ppb v/v  |
|                    |          |           |                 |                      |                     |              | 1,1,2-Trichloroethane          | 20.9559 ppb v/v |
|                    |          |           |                 |                      |                     |              | 1,1,2-Trichlorotrifluoroethane | 20.9759 ppb v/v |
|                    |          |           |                 |                      |                     |              | 1,1-Dichloroethane             | 19.9961 ppb v/v |
|                    |          |           |                 |                      |                     |              | 1,1-Dichloroethene             | 20.556 ppb v/v  |
|                    |          |           |                 |                      |                     |              | 1,2,3-Trichlorobenzene         | 18.2365 ppb v/v |
|                    |          |           |                 |                      |                     |              | 1,2,3-Trichloropropane         | 21.1759 ppb v/v |
|                    |          |           |                 |                      |                     |              | 1,2,4-Trichlorobenzene         | 21.7158 ppb v/v |
|                    |          |           |                 |                      |                     |              | 1,2,4-Trimethylbenzene         | 20.796 ppb v/v  |
|                    |          |           |                 |                      |                     |              | 1,2-Dibromoethane              | 21.2159 ppb v/v |
|                    |          |           |                 |                      |                     |              | 1,2-Dichlorobenzene            | 20.8759 ppb v/v |
|                    |          |           |                 |                      |                     |              | 1,2-Dichloroethane             | 20.716 ppb v/v  |
|                    |          |           |                 |                      |                     |              | 1,2-Dichloropropane            | 20.616 ppb v/v  |
|                    |          |           |                 |                      |                     |              | 1,2-Dichlorotetrafluoroethane  | 20.816 ppb v/v  |
|                    |          |           |                 |                      |                     |              | 1,3,5-Trimethylbenzene         | 20.776 ppb v/v  |
|                    |          |           |                 |                      |                     |              | 1,3-Butadiene                  | 20.2361 ppb v/v |
|                    |          |           |                 |                      |                     |              | 1,3-Dichlorobenzene            | 21.1559 ppb v/v |
|                    |          |           |                 |                      |                     |              | 1,4-Dichlorobenzene            | 20.9359 ppb v/v |
|                    |          |           |                 |                      |                     |              | 1,4-Dioxane                    | 21.1559 ppb v/v |
|                    |          |           |                 |                      |                     |              | 2,2,4-Trimethylpentane         | 20.9359 ppb v/v |
|                    |          |           |                 |                      |                     |              | 2-Chlorotoluene                | 20.8759 ppb v/v |
|                    |          |           |                 |                      |                     |              | 2-Methylbutane                 | 20.8759 ppb v/v |
|                    |          |           |                 |                      |                     |              | 3-Chloropropene                | 21.2959 ppb v/v |
|                    |          |           |                 |                      |                     |              | 4-Ethyltoluene                 | 20.656 ppb v/v  |



## REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-56451-1SDG No.: 200-56451-1

| Reagent ID | Exp Date | Prep Date | Dilutant Used | Reagent Final Volume | Parent Reagent |              | Analyte                                       | Concentration   |
|------------|----------|-----------|---------------|----------------------|----------------|--------------|-----------------------------------------------|-----------------|
|            |          |           |               |                      | Reagent ID     | Volume Added |                                               |                 |
|            |          |           |               |                      |                |              | 4-Isopropyltoluene                            | 20.616 ppb v/v  |
|            |          |           |               |                      |                |              | 4-Methyl-2-pentanone (Methyl isobutyl ketone) | 20.476 ppb v/v  |
|            |          |           |               |                      |                |              | Acetone                                       | 20.476 ppb v/v  |
|            |          |           |               |                      |                |              | Acetonitrile                                  | 19.7962 ppb v/v |
|            |          |           |               |                      |                |              | Acrolein                                      | 19.4362 ppb v/v |
|            |          |           |               |                      |                |              | Acrylonitrile                                 | 20.2161 ppb v/v |
|            |          |           |               |                      |                |              | Alpha Methyl Styrene                          | 20.396 ppb v/v  |
|            |          |           |               |                      |                |              | Benzene                                       | 20.656 ppb v/v  |
|            |          |           |               |                      |                |              | Benzyl chloride                               | 21.1559 ppb v/v |
|            |          |           |               |                      |                |              | Bromodichloromethane                          | 21.1359 ppb v/v |
|            |          |           |               |                      |                |              | Bromoethene (Vinyl Bromide)                   | 20.836 ppb v/v  |
|            |          |           |               |                      |                |              | Bromoform                                     | 20.576 ppb v/v  |
|            |          |           |               |                      |                |              | Bromomethane                                  | 20.616 ppb v/v  |
|            |          |           |               |                      |                |              | Carbon disulfide                              | 20.3161 ppb v/v |
|            |          |           |               |                      |                |              | Carbon tetrachloride                          | 20.3161 ppb v/v |
|            |          |           |               |                      |                |              | Chlorobenzene                                 | 20.9759 ppb v/v |
|            |          |           |               |                      |                |              | Chlorodifluoromethane                         | 20.9559 ppb v/v |
|            |          |           |               |                      |                |              | Chloroethane                                  | 20.776 ppb v/v  |
|            |          |           |               |                      |                |              | Chloroform                                    | 20.1961 ppb v/v |
|            |          |           |               |                      |                |              | Chloromethane                                 | 21.8358 ppb v/v |
|            |          |           |               |                      |                |              | cis-1,2-Dichloroethene                        | 20.1961 ppb v/v |
|            |          |           |               |                      |                |              | cis-1,3-Dichloropropene                       | 20.776 ppb v/v  |
|            |          |           |               |                      |                |              | Cumene                                        | 20.856 ppb v/v  |
|            |          |           |               |                      |                |              | Cyclohexane                                   | 20.2961 ppb v/v |
|            |          |           |               |                      |                |              | Dibromochloromethane                          | 19.3562 ppb v/v |

## REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-56451-1

SDG No.: 200-56451-1

| Reagent ID | Exp Date | Prep Date | Dilutant Used | Reagent Final Volume | Parent Reagent |              | Analyte                          | Concentration   |
|------------|----------|-----------|---------------|----------------------|----------------|--------------|----------------------------------|-----------------|
|            |          |           |               |                      | Reagent ID     | Volume Added |                                  |                 |
|            |          |           |               |                      |                |              | Dibromomethane                   | 20.596 ppb v/v  |
|            |          |           |               |                      |                |              | Dichlorodifluoromethane          | 20.8759 ppb v/v |
|            |          |           |               |                      |                |              | Dodecane                         | 18.7164 ppb v/v |
|            |          |           |               |                      |                |              | Ethyl acetate                    | 20.2561 ppb v/v |
|            |          |           |               |                      |                |              | Ethyl ether                      | 20.1561 ppb v/v |
|            |          |           |               |                      |                |              | Ethylbenzene                     | 20.436 ppb v/v  |
|            |          |           |               |                      |                |              | Hexachlorobutadiene              | 20.516 ppb v/v  |
|            |          |           |               |                      |                |              | Isopropyl alcohol                | 20.436 ppb v/v  |
|            |          |           |               |                      |                |              | m,p-Xylene                       | 41.112 ppb v/v  |
|            |          |           |               |                      |                |              | Methyl Butyl Ketone (2-Hexanone) | 19.9761 ppb v/v |
|            |          |           |               |                      |                |              | Methyl Ethyl Ketone (2-Butanone) | 20.676 ppb v/v  |
|            |          |           |               |                      |                |              | Methyl methacrylate              | 20.3161 ppb v/v |
|            |          |           |               |                      |                |              | Methyl tert-butyl ether          | 20.8959 ppb v/v |
|            |          |           |               |                      |                |              | Methylene Chloride               | 20.556 ppb v/v  |
|            |          |           |               |                      |                |              | n-Butane                         | 20.716 ppb v/v  |
|            |          |           |               |                      |                |              | n-Butanol                        | 19.0963 ppb v/v |
|            |          |           |               |                      |                |              | n-Butylbenzene                   | 20.776 ppb v/v  |
|            |          |           |               |                      |                |              | n-Decane                         | 20.836 ppb v/v  |
|            |          |           |               |                      |                |              | n-Heptane                        | 21.0159 ppb v/v |
|            |          |           |               |                      |                |              | n-Hexane                         | 21.1759 ppb v/v |
|            |          |           |               |                      |                |              | n-Nonane                         | 20.9559 ppb v/v |
|            |          |           |               |                      |                |              | n-Octane                         | 20.656 ppb v/v  |
|            |          |           |               |                      |                |              | n-Propylbenzene                  | 20.796 ppb v/v  |
|            |          |           |               |                      |                |              | Naphthalene                      | 19.4362 ppb v/v |
|            |          |           |               |                      |                |              | o-Xylene                         | 20.716 ppb v/v  |

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins TestAmerica, Burlington      Job No.: 200-56451-1

SDG No.: 200-56451-1

| Reagent ID            | Exp Date | Prep Date | Dilutant Used    | Reagent Final Volume | Parent Reagent      |              | Analyte                        | Concentration   |
|-----------------------|----------|-----------|------------------|----------------------|---------------------|--------------|--------------------------------|-----------------|
|                       |          |           |                  |                      | Reagent ID          | Volume Added |                                |                 |
|                       |          |           |                  |                      |                     |              | Pentane                        | 20.2561 ppb v/v |
|                       |          |           |                  |                      |                     |              | Propene                        | 20.636 ppb v/v  |
|                       |          |           |                  |                      |                     |              | sec-Butylbenzene               | 20.9159 ppb v/v |
|                       |          |           |                  |                      |                     |              | Styrene                        | 20.636 ppb v/v  |
|                       |          |           |                  |                      |                     |              | tert-Butyl alcohol             | 21.5558 ppb v/v |
|                       |          |           |                  |                      |                     |              | tert-Butylbenzene              | 20.716 ppb v/v  |
|                       |          |           |                  |                      |                     |              | Tetrachloroethene              | 20.9959 ppb v/v |
|                       |          |           |                  |                      |                     |              | Tetrahydrofuran                | 19.9761 ppb v/v |
|                       |          |           |                  |                      |                     |              | Toluene                        | 20.3161 ppb v/v |
|                       |          |           |                  |                      |                     |              | trans-1,2-Dichloroethene       | 20.396 ppb v/v  |
|                       |          |           |                  |                      |                     |              | trans-1,3-Dichloropropene      | 19.7562 ppb v/v |
|                       |          |           |                  |                      |                     |              | Trichloroethene                | 21.0559 ppb v/v |
|                       |          |           |                  |                      |                     |              | Trichlorofluoromethane         | 21.1159 ppb v/v |
|                       |          |           |                  |                      |                     |              | Undecane                       | 20.9159 ppb v/v |
|                       |          |           |                  |                      |                     |              | Vinyl acetate                  | 20.776 ppb v/v  |
|                       |          |           |                  |                      |                     |              | Vinyl chloride                 | 20.776 ppb v/v  |
|                       |          |           |                  |                      | ATTO15EthCALw_00123 | 1237 mL      | Ethanol                        | 39.9987 ppb v/v |
| ..ATTO15CALSTKi_00137 | 03/14/21 | 12/14/20  | Nitrogen, Lot 13 | 15 L                 | ATTO15CALs_00042    | 3000 mL      | 1,1,1-Trichloroethane          | 203.8 ppb v/v   |
|                       |          |           |                  |                      |                     |              | 1,1,2,2-Tetrachloroethane      | 206.8 ppb v/v   |
|                       |          |           |                  |                      |                     |              | 1,1,2-Trichloroethane          | 209.6 ppb v/v   |
|                       |          |           |                  |                      |                     |              | 1,1,2-Trichlorotrifluoroethane | 209.8 ppb v/v   |
|                       |          |           |                  |                      |                     |              | 1,1-Dichloroethane             | 200 ppb v/v     |
|                       |          |           |                  |                      |                     |              | 1,1-Dichloroethene             | 205.6 ppb v/v   |
|                       |          |           |                  |                      |                     |              | 1,2,3-Trichlorobenzene         | 182.4 ppb v/v   |
|                       |          |           |                  |                      |                     |              | 1,2,3-Trichloropropane         | 211.8 ppb v/v   |
|                       |          |           |                  |                      |                     |              | 1,2,4-Trichlorobenzene         | 217.2 ppb v/v   |
|                       |          |           |                  |                      |                     |              | 1,2,4-Trimethylbenzene         | 208 ppb v/v     |
|                       |          |           |                  |                      |                     |              | 1,2-Dibromoethane              | 212.2 ppb v/v   |
|                       |          |           |                  |                      |                     |              | 1,2-Dichlorobenzene            | 208.8 ppb v/v   |
|                       |          |           |                  |                      |                     |              | 1,2-Dichloroethane             | 207.2 ppb v/v   |
|                       |          |           |                  |                      |                     |              | 1,2-Dichloropropane            | 206.2 ppb v/v   |
|                       |          |           |                  |                      |                     |              | 1,2-Dichlorotetrafluoroethane  | 208.2 ppb v/v   |
|                       |          |           |                  |                      |                     |              | 1,3,5-Trimethylbenzene         | 207.8 ppb v/v   |

## REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-56451-1

SDG No.: 200-56451-1

| Reagent ID | Exp Date | Prep Date | Dilutant Used | Reagent Final Volume | Parent Reagent |              | Analyte                                       | Concentration |
|------------|----------|-----------|---------------|----------------------|----------------|--------------|-----------------------------------------------|---------------|
|            |          |           |               |                      | Reagent ID     | Volume Added |                                               |               |
|            |          |           |               |                      |                |              | 1,3-Butadiene                                 | 202.4 ppb v/v |
|            |          |           |               |                      |                |              | 1,3-Dichlorobenzene                           | 211.6 ppb v/v |
|            |          |           |               |                      |                |              | 1,4-Dichlorobenzene                           | 209.4 ppb v/v |
|            |          |           |               |                      |                |              | 1,4-Dioxane                                   | 211.6 ppb v/v |
|            |          |           |               |                      |                |              | 2,2,4-Trimethylpentane                        | 209.4 ppb v/v |
|            |          |           |               |                      |                |              | 2-Chlorotoluene                               | 208.8 ppb v/v |
|            |          |           |               |                      |                |              | 2-Methylbutane                                | 208.8 ppb v/v |
|            |          |           |               |                      |                |              | 3-Chloropropene                               | 213 ppb v/v   |
|            |          |           |               |                      |                |              | 4-Ethyltoluene                                | 206.6 ppb v/v |
|            |          |           |               |                      |                |              | 4-Isopropyltoluene                            | 206.2 ppb v/v |
|            |          |           |               |                      |                |              | 4-Methyl-2-pentanone (Methyl isobutyl ketone) | 204.8 ppb v/v |
|            |          |           |               |                      |                |              | Acetone                                       | 204.8 ppb v/v |
|            |          |           |               |                      |                |              | Acetonitrile                                  | 198 ppb v/v   |
|            |          |           |               |                      |                |              | Acrolein                                      | 194.4 ppb v/v |
|            |          |           |               |                      |                |              | Acrylonitrile                                 | 202.2 ppb v/v |
|            |          |           |               |                      |                |              | Alpha Methyl Styrene                          | 204 ppb v/v   |
|            |          |           |               |                      |                |              | Benzene                                       | 206.6 ppb v/v |
|            |          |           |               |                      |                |              | Benzyl chloride                               | 211.6 ppb v/v |
|            |          |           |               |                      |                |              | Bromodichloromethane                          | 211.4 ppb v/v |
|            |          |           |               |                      |                |              | Bromoethene (Vinyl Bromide)                   | 208.4 ppb v/v |
|            |          |           |               |                      |                |              | Bromoform                                     | 205.8 ppb v/v |
|            |          |           |               |                      |                |              | Bromomethane                                  | 206.2 ppb v/v |
|            |          |           |               |                      |                |              | Carbon disulfide                              | 203.2 ppb v/v |
|            |          |           |               |                      |                |              | Carbon tetrachloride                          | 203.2 ppb v/v |
|            |          |           |               |                      |                |              | Chlorobenzene                                 | 209.8 ppb v/v |
|            |          |           |               |                      |                |              | Chlorodifluoromethane                         | 209.6 ppb v/v |
|            |          |           |               |                      |                |              | Chloroethane                                  | 207.8 ppb v/v |
|            |          |           |               |                      |                |              | Chloroform                                    | 202 ppb v/v   |
|            |          |           |               |                      |                |              | Chloromethane                                 | 218.4 ppb v/v |
|            |          |           |               |                      |                |              | cis-1,2-Dichloroethene                        | 202 ppb v/v   |
|            |          |           |               |                      |                |              | cis-1,3-Dichloropropene                       | 207.8 ppb v/v |
|            |          |           |               |                      |                |              | Cumene                                        | 208.6 ppb v/v |
|            |          |           |               |                      |                |              | Cyclohexane                                   | 203 ppb v/v   |
|            |          |           |               |                      |                |              | Dibromochloromethane                          | 193.6 ppb v/v |
|            |          |           |               |                      |                |              | Dibromomethane                                | 206 ppb v/v   |
|            |          |           |               |                      |                |              | Dichlorodifluoromethane                       | 208.8 ppb v/v |
|            |          |           |               |                      |                |              | Dodecane                                      | 187.2 ppb v/v |
|            |          |           |               |                      |                |              | Ethyl acetate                                 | 202.6 ppb v/v |
|            |          |           |               |                      |                |              | Ethyl ether                                   | 201.6 ppb v/v |
|            |          |           |               |                      |                |              | Ethylbenzene                                  | 204.4 ppb v/v |
|            |          |           |               |                      |                |              | Hexachlorobutadiene                           | 205.2 ppb v/v |
|            |          |           |               |                      |                |              | Isopropyl alcohol                             | 204.4 ppb v/v |
|            |          |           |               |                      |                |              | m,p-Xylene                                    | 411.2 ppb v/v |
|            |          |           |               |                      |                |              | Methyl Butyl Ketone (2-Hexanone)              | 199.8 ppb v/v |
|            |          |           |               |                      |                |              | Methyl Ethyl Ketone (2-Butanone)              | 206.8 ppb v/v |

## REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-56451-1

SDG No.: 200-56451-1

| Reagent ID          | Exp Date | Prep Date | Dilutant Used        | Reagent Final Volume | Parent Reagent |                     | Analyte                        | Concentration |
|---------------------|----------|-----------|----------------------|----------------------|----------------|---------------------|--------------------------------|---------------|
|                     |          |           |                      |                      | Reagent ID     | Volume Added        |                                |               |
|                     |          |           |                      |                      |                |                     | Methyl methacrylate            | 203.2 ppb v/v |
|                     |          |           |                      |                      |                |                     | Methyl tert-butyl ether        | 209 ppb v/v   |
|                     |          |           |                      |                      |                |                     | Methylene Chloride             | 205.6 ppb v/v |
|                     |          |           |                      |                      |                |                     | n-Butane                       | 207.2 ppb v/v |
|                     |          |           |                      |                      |                |                     | n-Butanol                      | 191 ppb v/v   |
|                     |          |           |                      |                      |                |                     | n-Butylbenzene                 | 207.8 ppb v/v |
|                     |          |           |                      |                      |                |                     | n-Decane                       | 208.4 ppb v/v |
|                     |          |           |                      |                      |                |                     | n-Heptane                      | 210.2 ppb v/v |
|                     |          |           |                      |                      |                |                     | n-Hexane                       | 211.8 ppb v/v |
|                     |          |           |                      |                      |                |                     | n-Nonane                       | 209.6 ppb v/v |
|                     |          |           |                      |                      |                |                     | n-Octane                       | 206.6 ppb v/v |
|                     |          |           |                      |                      |                |                     | n-Propylbenzene                | 208 ppb v/v   |
|                     |          |           |                      |                      |                |                     | Naphthalene                    | 194.4 ppb v/v |
|                     |          |           |                      |                      |                |                     | o-Xylene                       | 207.2 ppb v/v |
|                     |          |           |                      |                      |                |                     | Pentane                        | 202.6 ppb v/v |
|                     |          |           |                      |                      |                |                     | Propene                        | 206.4 ppb v/v |
|                     |          |           |                      |                      |                |                     | sec-Butylbenzene               | 209.2 ppb v/v |
|                     |          |           |                      |                      |                |                     | Styrene                        | 206.4 ppb v/v |
|                     |          |           |                      |                      |                |                     | tert-Butyl alcohol             | 215.6 ppb v/v |
|                     |          |           |                      |                      |                |                     | tert-Butylbenzene              | 207.2 ppb v/v |
|                     |          |           |                      |                      |                |                     | Tetrachloroethene              | 210 ppb v/v   |
|                     |          |           |                      |                      |                |                     | Tetrahydrofuran                | 199.8 ppb v/v |
|                     |          |           |                      |                      |                |                     | Toluene                        | 203.2 ppb v/v |
|                     |          |           |                      |                      |                |                     | trans-1,2-Dichloroethene       | 204 ppb v/v   |
|                     |          |           |                      |                      |                |                     | trans-1,3-Dichloropropene      | 197.6 ppb v/v |
|                     |          |           |                      |                      |                |                     | Trichloroethene                | 210.6 ppb v/v |
|                     |          |           |                      |                      |                |                     | Trichlorofluoromethane         | 211.2 ppb v/v |
|                     |          |           |                      |                      |                |                     | Undecane                       | 209.2 ppb v/v |
|                     |          |           |                      |                      |                |                     | Vinyl acetate                  | 207.8 ppb v/v |
|                     |          |           |                      |                      |                |                     | Vinyl chloride                 | 207.8 ppb v/v |
| ...ATTO15CALs_00042 | 12/13/21 |           | Linde, Lot CC-237336 |                      |                | (Purchased Reagent) | 1,1,1-Trichloroethane          | 1.019 ppm v/v |
|                     |          |           |                      |                      |                |                     | 1,1,2,2-Tetrachloroethane      | 1.034 ppm v/v |
|                     |          |           |                      |                      |                |                     | 1,1,2-Trichloroethane          | 1.048 ppm v/v |
|                     |          |           |                      |                      |                |                     | 1,1,2-Trichlorotrifluoroethane | 1.049 ppm v/v |
|                     |          |           |                      |                      |                |                     | 1,1-Dichloroethane             | 1 ppm v/v     |
|                     |          |           |                      |                      |                |                     | 1,1-Dichloroethene             | 1.028 ppm v/v |
|                     |          |           |                      |                      |                |                     | 1,2,3-Trichlorobenzene         | 0.912 ppm v/v |
|                     |          |           |                      |                      |                |                     | 1,2,3-Trichloropropane         | 1.059 ppm v/v |
|                     |          |           |                      |                      |                |                     | 1,2,4-Trichlorobenzene         | 1.086 ppm v/v |
|                     |          |           |                      |                      |                |                     | 1,2,4-Trimethylbenzene         | 1.04 ppm v/v  |
|                     |          |           |                      |                      |                |                     | 1,2-Dibromoethane              | 1.061 ppm v/v |
|                     |          |           |                      |                      |                |                     | 1,2-Dichlorobenzene            | 1.044 ppm v/v |
|                     |          |           |                      |                      |                |                     | 1,2-Dichloroethane             | 1.036 ppm v/v |
|                     |          |           |                      |                      |                |                     | 1,2-Dichloropropane            | 1.031 ppm v/v |
|                     |          |           |                      |                      |                |                     | 1,2-Dichlorotetrafluoroethane  | 1.041 ppm v/v |
|                     |          |           |                      |                      |                |                     | 1,3,5-Trimethylbenzene         | 1.039 ppm v/v |
|                     |          |           |                      |                      |                |                     | 1,3-Butadiene                  | 1.012 ppm v/v |
|                     |          |           |                      |                      |                |                     | 1,3-Dichlorobenzene            | 1.058 ppm v/v |

## REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-56451-1

SDG No.: 200-56451-1

| Reagent ID | Exp Date | Prep Date | Dilutant Used | Reagent Final Volume | Parent Reagent |              | Analyte                                       | Concentration |
|------------|----------|-----------|---------------|----------------------|----------------|--------------|-----------------------------------------------|---------------|
|            |          |           |               |                      | Reagent ID     | Volume Added |                                               |               |
|            |          |           |               |                      |                |              | 1,4-Dichlorobenzene                           | 1.047 ppm v/v |
|            |          |           |               |                      |                |              | 1,4-Dioxane                                   | 1.058 ppm v/v |
|            |          |           |               |                      |                |              | 2,2,4-Trimethylpentane                        | 1.047 ppm v/v |
|            |          |           |               |                      |                |              | 2-Chlorotoluene                               | 1.044 ppm v/v |
|            |          |           |               |                      |                |              | 2-Methylbutane                                | 1.044 ppm v/v |
|            |          |           |               |                      |                |              | 3-Chloropropene                               | 1.065 ppm v/v |
|            |          |           |               |                      |                |              | 4-Ethyltoluene                                | 1.033 ppm v/v |
|            |          |           |               |                      |                |              | 4-Isopropyltoluene                            | 1.031 ppm v/v |
|            |          |           |               |                      |                |              | 4-Methyl-2-pentanone (Methyl isobutyl ketone) | 1.024 ppm v/v |
|            |          |           |               |                      |                |              | Acetone                                       | 1.024 ppm v/v |
|            |          |           |               |                      |                |              | Acetonitrile                                  | 0.99 ppm v/v  |
|            |          |           |               |                      |                |              | Acrolein                                      | 0.972 ppm v/v |
|            |          |           |               |                      |                |              | Acrylonitrile                                 | 1.011 ppm v/v |
|            |          |           |               |                      |                |              | Alpha Methyl Styrene                          | 1.02 ppm v/v  |
|            |          |           |               |                      |                |              | Benzene                                       | 1.033 ppm v/v |
|            |          |           |               |                      |                |              | Benzyl chloride                               | 1.058 ppm v/v |
|            |          |           |               |                      |                |              | Bromodichloromethane                          | 1.057 ppm v/v |
|            |          |           |               |                      |                |              | Bromoethene (Vinyl Bromide)                   | 1.042 ppm v/v |
|            |          |           |               |                      |                |              | Bromoform                                     | 1.029 ppm v/v |
|            |          |           |               |                      |                |              | Bromomethane                                  | 1.031 ppm v/v |
|            |          |           |               |                      |                |              | Carbon disulfide                              | 1.016 ppm v/v |
|            |          |           |               |                      |                |              | Carbon tetrachloride                          | 1.016 ppm v/v |
|            |          |           |               |                      |                |              | Chlorobenzene                                 | 1.049 ppm v/v |
|            |          |           |               |                      |                |              | Chlorodifluoromethane                         | 1.048 ppm v/v |
|            |          |           |               |                      |                |              | Chloroethane                                  | 1.039 ppm v/v |
|            |          |           |               |                      |                |              | Chloroform                                    | 1.01 ppm v/v  |
|            |          |           |               |                      |                |              | Chloromethane                                 | 1.092 ppm v/v |
|            |          |           |               |                      |                |              | cis-1,2-Dichloroethene                        | 1.01 ppm v/v  |
|            |          |           |               |                      |                |              | cis-1,3-Dichloropropene                       | 1.039 ppm v/v |
|            |          |           |               |                      |                |              | Cumene                                        | 1.043 ppm v/v |
|            |          |           |               |                      |                |              | Cyclohexane                                   | 1.015 ppm v/v |
|            |          |           |               |                      |                |              | Dibromochloromethane                          | 0.968 ppm v/v |
|            |          |           |               |                      |                |              | Dibromomethane                                | 1.03 ppm v/v  |
|            |          |           |               |                      |                |              | Dichlorodifluoromethane                       | 1.044 ppm v/v |
|            |          |           |               |                      |                |              | Dodecane                                      | 0.936 ppm v/v |
|            |          |           |               |                      |                |              | Ethyl acetate                                 | 1.013 ppm v/v |
|            |          |           |               |                      |                |              | Ethyl ether                                   | 1.008 ppm v/v |
|            |          |           |               |                      |                |              | Ethylbenzene                                  | 1.022 ppm v/v |
|            |          |           |               |                      |                |              | Hexachlorobutadiene                           | 1.026 ppm v/v |
|            |          |           |               |                      |                |              | Isopropyl alcohol                             | 1.022 ppm v/v |
|            |          |           |               |                      |                |              | m,p-Xylene                                    | 2.056 ppm v/v |
|            |          |           |               |                      |                |              | Methyl Butyl Ketone (2-Hexanone)              | 0.999 ppm v/v |
|            |          |           |               |                      |                |              | Methyl Ethyl Ketone (2-Butanone)              | 1.034 ppm v/v |
|            |          |           |               |                      |                |              | Methyl methacrylate                           | 1.016 ppm v/v |
|            |          |           |               |                      |                |              | Methyl tert-butyl ether                       | 1.045 ppm v/v |

## REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-56451-1

SDG No.: 200-56451-1

| Reagent ID             | Exp Date | Prep Date | Dilutant Used             | Reagent Final Volume | Parent Reagent      |              | Analyte                        | Concentration    |
|------------------------|----------|-----------|---------------------------|----------------------|---------------------|--------------|--------------------------------|------------------|
|                        |          |           |                           |                      | Reagent ID          | Volume Added |                                |                  |
|                        |          |           |                           |                      |                     |              | Methylene Chloride             | 1.028 ppm v/v    |
|                        |          |           |                           |                      |                     |              | n-Butane                       | 1.036 ppm v/v    |
|                        |          |           |                           |                      |                     |              | n-Butanol                      | 0.955 ppm v/v    |
|                        |          |           |                           |                      |                     |              | n-Butylbenzene                 | 1.039 ppm v/v    |
|                        |          |           |                           |                      |                     |              | n-Decane                       | 1.042 ppm v/v    |
|                        |          |           |                           |                      |                     |              | n-Heptane                      | 1.051 ppm v/v    |
|                        |          |           |                           |                      |                     |              | n-Hexane                       | 1.059 ppm v/v    |
|                        |          |           |                           |                      |                     |              | n-Nonane                       | 1.048 ppm v/v    |
|                        |          |           |                           |                      |                     |              | n-Octane                       | 1.033 ppm v/v    |
|                        |          |           |                           |                      |                     |              | n-Propylbenzene                | 1.04 ppm v/v     |
|                        |          |           |                           |                      |                     |              | Naphthalene                    | 0.972 ppm v/v    |
|                        |          |           |                           |                      |                     |              | o-Xylene                       | 1.036 ppm v/v    |
|                        |          |           |                           |                      |                     |              | Pentane                        | 1.013 ppm v/v    |
|                        |          |           |                           |                      |                     |              | Propene                        | 1.032 ppm v/v    |
|                        |          |           |                           |                      |                     |              | sec-Butylbenzene               | 1.046 ppm v/v    |
|                        |          |           |                           |                      |                     |              | Styrene                        | 1.032 ppm v/v    |
|                        |          |           |                           |                      |                     |              | tert-Butyl alcohol             | 1.078 ppm v/v    |
|                        |          |           |                           |                      |                     |              | tert-Butylbenzene              | 1.036 ppm v/v    |
|                        |          |           |                           |                      |                     |              | Tetrachloroethene              | 1.05 ppm v/v     |
|                        |          |           |                           |                      |                     |              | Tetrahydrofuran                | 0.999 ppm v/v    |
|                        |          |           |                           |                      |                     |              | Toluene                        | 1.016 ppm v/v    |
|                        |          |           |                           |                      |                     |              | trans-1,2-Dichloroethene       | 1.02 ppm v/v     |
|                        |          |           |                           |                      |                     |              | trans-1,3-Dichloropropene      | 0.988 ppm v/v    |
|                        |          |           |                           |                      |                     |              | Trichloroethene                | 1.053 ppm v/v    |
|                        |          |           |                           |                      |                     |              | Trichlorofluoromethane         | 1.056 ppm v/v    |
|                        |          |           |                           |                      |                     |              | Undecane                       | 1.046 ppm v/v    |
|                        |          |           |                           |                      |                     |              | Vinyl acetate                  | 1.039 ppm v/v    |
|                        |          |           |                           |                      |                     |              | Vinyl chloride                 | 1.039 ppm v/v    |
| ..ATTO15EthCALw_00123  | 03/14/21 | 12/14/20  | Nitrogen, Lot 12          | 37.5 ppb             | ATTO15EthCALs_00009 | 18.75 uL     | Ethanol                        | 500 ppb v/v      |
| ...ATTO15EthCALs_00009 | 09/05/21 |           | Chem Service, Lot 5301900 |                      | (Purchased Reagent) |              | Ethanol                        | 1 mL/mL          |
| ATTO15CAL2w_00296      | 12/13/20 | 10/19/20  | Nitrogen, Lot 12          | 15.463 L             | ATTO15CAL6w_00181   | 387 mL       | 1,1,1-Trichloroethane          | 0.509961 ppb v/v |
|                        |          |           |                           |                      |                     |              | 1,1,2,2-Tetrachloroethane      | 0.517468 ppb v/v |
|                        |          |           |                           |                      |                     |              | 1,1,2-Trichloroethane          | 0.524474 ppb v/v |
|                        |          |           |                           |                      |                     |              | 1,1,2-Trichlorotrifluoroethane | 0.524975 ppb v/v |
|                        |          |           |                           |                      |                     |              | 1,1-Dichloroethane             | 0.500453 ppb v/v |
|                        |          |           |                           |                      |                     |              | 1,1-Dichloroethene             | 0.514465 ppb v/v |
|                        |          |           |                           |                      |                     |              | 1,2,3-Trichlorobenzene         | 0.456413 ppb v/v |
|                        |          |           |                           |                      |                     |              | 1,2,3-Trichloropropane         | 0.529979 ppb v/v |
|                        |          |           |                           |                      |                     |              | 1,2,4-Trichlorobenzene         | 0.543492 ppb v/v |

## REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-56451-1

SDG No.: 200-56451-1

| Reagent ID | Exp Date | Prep Date | Dilutant Used | Reagent Final Volume | Parent Reagent |              | Analyte                                       | Concentration    |
|------------|----------|-----------|---------------|----------------------|----------------|--------------|-----------------------------------------------|------------------|
|            |          |           |               |                      | Reagent ID     | Volume Added |                                               |                  |
|            |          |           |               |                      |                |              | 1,2,4-Trimethylbenzene                        | 0.520471 ppb v/v |
|            |          |           |               |                      |                |              | 1,2-Dibromoethane                             | 0.53098 ppb v/v  |
|            |          |           |               |                      |                |              | 1,2-Dichlorobenzene                           | 0.522473 ppb v/v |
|            |          |           |               |                      |                |              | 1,2-Dichloroethane                            | 0.518469 ppb v/v |
|            |          |           |               |                      |                |              | 1,2-Dichloropropane                           | 0.515967 ppb v/v |
|            |          |           |               |                      |                |              | 1,2-Dichlorotetrafluoroethane                 | 0.520971 ppb v/v |
|            |          |           |               |                      |                |              | 1,3,5-Trimethylbenzene                        | 0.51997 ppb v/v  |
|            |          |           |               |                      |                |              | 1,3-Butadiene                                 | 0.506458 ppb v/v |
|            |          |           |               |                      |                |              | 1,3-Dichlorobenzene                           | 0.529479 ppb v/v |
|            |          |           |               |                      |                |              | 1,4-Dichlorobenzene                           | 0.523974 ppb v/v |
|            |          |           |               |                      |                |              | 1,4-Dioxane                                   | 0.529479 ppb v/v |
|            |          |           |               |                      |                |              | 2,2,4-Trimethylpentane                        | 0.523974 ppb v/v |
|            |          |           |               |                      |                |              | 2-Chlorotoluene                               | 0.522473 ppb v/v |
|            |          |           |               |                      |                |              | 2-Methylbutane                                | 0.522473 ppb v/v |
|            |          |           |               |                      |                |              | 3-Chloropropene                               | 0.532982 ppb v/v |
|            |          |           |               |                      |                |              | 4-Ethyltoluene                                | 0.516968 ppb v/v |
|            |          |           |               |                      |                |              | 4-Isopropyltoluene                            | 0.515967 ppb v/v |
|            |          |           |               |                      |                |              | 4-Methyl-2-pentanone (Methyl isobutyl ketone) | 0.512463 ppb v/v |
|            |          |           |               |                      |                |              | Acetone                                       | 0.512463 ppb v/v |
|            |          |           |               |                      |                |              | Acetonitrile                                  | 0.495448 ppb v/v |
|            |          |           |               |                      |                |              | Acrolein                                      | 0.48644 ppb v/v  |
|            |          |           |               |                      |                |              | Acrylonitrile                                 | 0.505958 ppb v/v |
|            |          |           |               |                      |                |              | Alpha Methyl Styrene                          | 0.510462 ppb v/v |
|            |          |           |               |                      |                |              | Benzene                                       | 0.516968 ppb v/v |
|            |          |           |               |                      |                |              | Benzyl chloride                               | 0.529479 ppb v/v |



## REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-56451-1

SDG No.: 200-56451-1

| Reagent ID | Exp Date | Prep Date | Dilutant Used | Reagent Final Volume | Parent Reagent |              | Analyte                     | Concentration    |
|------------|----------|-----------|---------------|----------------------|----------------|--------------|-----------------------------|------------------|
|            |          |           |               |                      | Reagent ID     | Volume Added |                             |                  |
|            |          |           |               |                      |                |              | Bromodichloromethane        | 0.528978 ppb v/v |
|            |          |           |               |                      |                |              | Bromoethene (Vinyl Bromide) | 0.521472 ppb v/v |
|            |          |           |               |                      |                |              | Bromoform                   | 0.514966 ppb v/v |
|            |          |           |               |                      |                |              | Bromomethane                | 0.515967 ppb v/v |
|            |          |           |               |                      |                |              | Carbon disulfide            | 0.50846 ppb v/v  |
|            |          |           |               |                      |                |              | Carbon tetrachloride        | 0.50846 ppb v/v  |
|            |          |           |               |                      |                |              | Chlorobenzene               | 0.524975 ppb v/v |
|            |          |           |               |                      |                |              | Chlorodifluoromethane       | 0.524474 ppb v/v |
|            |          |           |               |                      |                |              | Chloroethane                | 0.51997 ppb v/v  |
|            |          |           |               |                      |                |              | Chloroform                  | 0.505457 ppb v/v |
|            |          |           |               |                      |                |              | Chloromethane               | 0.546494 ppb v/v |
|            |          |           |               |                      |                |              | cis-1,2-Dichloroethene      | 0.505457 ppb v/v |
|            |          |           |               |                      |                |              | cis-1,3-Dichloropropene     | 0.51997 ppb v/v  |
|            |          |           |               |                      |                |              | Cumene                      | 0.521972 ppb v/v |
|            |          |           |               |                      |                |              | Cyclohexane                 | 0.507959 ppb v/v |
|            |          |           |               |                      |                |              | Dibromochloromethane        | 0.484438 ppb v/v |
|            |          |           |               |                      |                |              | Dibromomethane              | 0.515466 ppb v/v |
|            |          |           |               |                      |                |              | Dichlorodifluoromethane     | 0.522473 ppb v/v |
|            |          |           |               |                      |                |              | Dodecane                    | 0.468424 ppb v/v |
|            |          |           |               |                      |                |              | Ethyl acetate               | 0.506958 ppb v/v |
|            |          |           |               |                      |                |              | Ethyl ether                 | 0.504456 ppb v/v |
|            |          |           |               |                      |                |              | Ethylbenzene                | 0.511463 ppb v/v |
|            |          |           |               |                      |                |              | Hexachlorobutadiene         | 0.513464 ppb v/v |
|            |          |           |               |                      |                |              | Isopropyl alcohol           | 0.511463 ppb v/v |
|            |          |           |               |                      |                |              | m,p-Xylene                  | 1.02893 ppb v/v  |

# REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-56451-1

SDG No.: 200-56451-1

| Reagent ID | Exp Date | Prep Date | Dilutant Used | Reagent Final Volume | Parent Reagent |              | Analyte                          | Concentration    |
|------------|----------|-----------|---------------|----------------------|----------------|--------------|----------------------------------|------------------|
|            |          |           |               |                      | Reagent ID     | Volume Added |                                  |                  |
|            |          |           |               |                      |                |              | Methyl Butyl Ketone (2-Hexanone) | 0.499952 ppb v/v |
|            |          |           |               |                      |                |              | Methyl Ethyl Ketone (2-Butanone) | 0.517468 ppb v/v |
|            |          |           |               |                      |                |              | Methyl methacrylate              | 0.50846 ppb v/v  |
|            |          |           |               |                      |                |              | Methyl tert-butyl ether          | 0.522973 ppb v/v |
|            |          |           |               |                      |                |              | Methylene Chloride               | 0.514465 ppb v/v |
|            |          |           |               |                      |                |              | n-Butane                         | 0.518469 ppb v/v |
|            |          |           |               |                      |                |              | n-Butanol                        | 0.477932 ppb v/v |
|            |          |           |               |                      |                |              | n-Butylbenzene                   | 0.51997 ppb v/v  |
|            |          |           |               |                      |                |              | n-Decane                         | 0.521472 ppb v/v |
|            |          |           |               |                      |                |              | n-Heptane                        | 0.525976 ppb v/v |
|            |          |           |               |                      |                |              | n-Hexane                         | 0.529979 ppb v/v |
|            |          |           |               |                      |                |              | n-Nonane                         | 0.524474 ppb v/v |
|            |          |           |               |                      |                |              | n-Octane                         | 0.516968 ppb v/v |
|            |          |           |               |                      |                |              | n-Propylbenzene                  | 0.520471 ppb v/v |
|            |          |           |               |                      |                |              | Naphthalene                      | 0.48644 ppb v/v  |
|            |          |           |               |                      |                |              | o-Xylene                         | 0.518469 ppb v/v |
|            |          |           |               |                      |                |              | Pentane                          | 0.506958 ppb v/v |
|            |          |           |               |                      |                |              | Propene                          | 0.516467 ppb v/v |
|            |          |           |               |                      |                |              | sec-Butylbenzene                 | 0.523473 ppb v/v |
|            |          |           |               |                      |                |              | Styrene                          | 0.516467 ppb v/v |
|            |          |           |               |                      |                |              | tert-Butyl alcohol               | 0.539488 ppb v/v |
|            |          |           |               |                      |                |              | tert-Butylbenzene                | 0.518469 ppb v/v |
|            |          |           |               |                      |                |              | Tetrachloroethene                | 0.525475 ppb v/v |
|            |          |           |               |                      |                |              | Tetrahydrofuran                  | 0.499952 ppb v/v |
|            |          |           |               |                      |                |              | Toluene                          | 0.50846 ppb v/v  |

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins TestAmerica, Burlington      Job No.: 200-56451-1

SDG No.: 200-56451-1

| Reagent ID         | Exp Date | Prep Date | Dilutant Used   | Reagent Final Volume | Parent Reagent      |              | Analyte                        | Concentration    |
|--------------------|----------|-----------|-----------------|----------------------|---------------------|--------------|--------------------------------|------------------|
|                    |          |           |                 |                      | Reagent ID          | Volume Added |                                |                  |
|                    |          |           |                 |                      |                     |              | trans-1,2-Dichloroethene       | 0.510462 ppb v/v |
|                    |          |           |                 |                      |                     |              | trans-1,3-Dichloropropene      | 0.494447 ppb v/v |
|                    |          |           |                 |                      |                     |              | Trichloroethene                | 0.526977 ppb v/v |
|                    |          |           |                 |                      |                     |              | Trichlorofluoromethane         | 0.528478 ppb v/v |
|                    |          |           |                 |                      |                     |              | Undecane                       | 0.523473 ppb v/v |
|                    |          |           |                 |                      |                     |              | Vinyl acetate                  | 0.51997 ppb v/v  |
|                    |          |           |                 |                      |                     |              | Vinyl chloride                 | 0.51997 ppb v/v  |
|                    |          |           |                 |                      |                     |              | Ethanol                        | 5.01064 ppb v/v  |
|                    |          |           |                 |                      | ATTO15EthCALw_00121 | 124 mL       | Ethanol                        | 5.01064 ppb v/v  |
| .ATTO15CAL6w_00181 | 12/13/20 | 10/19/20  | Nitrogen, Lot 1 | 15.463 L             | ATTO15CALSTKi_00134 | 1546 mL      | 1,1,1-Trichloroethane          | 20.376 ppb v/v   |
|                    |          |           |                 |                      |                     |              | 1,1,2,2-Tetrachloroethane      | 20.676 ppb v/v   |
|                    |          |           |                 |                      |                     |              | 1,1,2-Trichloroethane          | 20.9559 ppb v/v  |
|                    |          |           |                 |                      |                     |              | 1,1,2-Trichlorotrifluoroethane | 20.9759 ppb v/v  |
|                    |          |           |                 |                      |                     |              | 1,1-Dichloroethane             | 19.9961 ppb v/v  |
|                    |          |           |                 |                      |                     |              | 1,1-Dichloroethene             | 20.556 ppb v/v   |
|                    |          |           |                 |                      |                     |              | 1,2,3-Trichlorobenzene         | 18.2365 ppb v/v  |
|                    |          |           |                 |                      |                     |              | 1,2,3-Trichloropropane         | 21.1759 ppb v/v  |
|                    |          |           |                 |                      |                     |              | 1,2,4-Trichlorobenzene         | 21.7158 ppb v/v  |
|                    |          |           |                 |                      |                     |              | 1,2,4-Trimethylbenzene         | 20.796 ppb v/v   |
|                    |          |           |                 |                      |                     |              | 1,2-Dibromoethane              | 21.2159 ppb v/v  |
|                    |          |           |                 |                      |                     |              | 1,2-Dichlorobenzene            | 20.8759 ppb v/v  |
|                    |          |           |                 |                      |                     |              | 1,2-Dichloroethane             | 20.716 ppb v/v   |
|                    |          |           |                 |                      |                     |              | 1,2-Dichloropropane            | 20.616 ppb v/v   |
|                    |          |           |                 |                      |                     |              | 1,2-Dichlorotetrafluoroethane  | 20.816 ppb v/v   |
|                    |          |           |                 |                      |                     |              | 1,3,5-Trimethylbenzene         | 20.776 ppb v/v   |

# REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-56451-1

SDG No.: 200-56451-1

| Reagent ID | Exp Date | Prep Date | Dilutant Used | Reagent Final Volume | Parent Reagent |              | Analyte                                       | Concentration   |
|------------|----------|-----------|---------------|----------------------|----------------|--------------|-----------------------------------------------|-----------------|
|            |          |           |               |                      | Reagent ID     | Volume Added |                                               |                 |
|            |          |           |               |                      |                |              | 1,3-Butadiene                                 | 20.2361 ppb v/v |
|            |          |           |               |                      |                |              | 1,3-Dichlorobenzene                           | 21.1559 ppb v/v |
|            |          |           |               |                      |                |              | 1,4-Dichlorobenzene                           | 20.9359 ppb v/v |
|            |          |           |               |                      |                |              | 1,4-Dioxane                                   | 21.1559 ppb v/v |
|            |          |           |               |                      |                |              | 2,2,4-Trimethylpentane                        | 20.9359 ppb v/v |
|            |          |           |               |                      |                |              | 2-Chlorotoluene                               | 20.8759 ppb v/v |
|            |          |           |               |                      |                |              | 2-Methylbutane                                | 20.8759 ppb v/v |
|            |          |           |               |                      |                |              | 3-Chloropropene                               | 21.2959 ppb v/v |
|            |          |           |               |                      |                |              | 4-Ethyltoluene                                | 20.656 ppb v/v  |
|            |          |           |               |                      |                |              | 4-Isopropyltoluene                            | 20.616 ppb v/v  |
|            |          |           |               |                      |                |              | 4-Methyl-2-pentanone (Methyl isobutyl ketone) | 20.476 ppb v/v  |
|            |          |           |               |                      |                |              | Acetone                                       | 20.476 ppb v/v  |
|            |          |           |               |                      |                |              | Acetonitrile                                  | 19.7962 ppb v/v |
|            |          |           |               |                      |                |              | Acrolein                                      | 19.4362 ppb v/v |
|            |          |           |               |                      |                |              | Acrylonitrile                                 | 20.2161 ppb v/v |
|            |          |           |               |                      |                |              | Alpha Methyl Styrene                          | 20.396 ppb v/v  |
|            |          |           |               |                      |                |              | Benzene                                       | 20.656 ppb v/v  |
|            |          |           |               |                      |                |              | Benzyl chloride                               | 21.1559 ppb v/v |
|            |          |           |               |                      |                |              | Bromodichloromethane                          | 21.1359 ppb v/v |
|            |          |           |               |                      |                |              | Bromoethene (Vinyl Bromide)                   | 20.836 ppb v/v  |
|            |          |           |               |                      |                |              | Bromoform                                     | 20.576 ppb v/v  |
|            |          |           |               |                      |                |              | Bromomethane                                  | 20.616 ppb v/v  |
|            |          |           |               |                      |                |              | Carbon disulfide                              | 20.3161 ppb v/v |
|            |          |           |               |                      |                |              | Carbon tetrachloride                          | 20.3161 ppb v/v |
|            |          |           |               |                      |                |              | Chlorobenzene                                 | 20.9759 ppb v/v |

# REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-56451-1

SDG No.: 200-56451-1

| Reagent ID | Exp Date | Prep Date | Dilutant Used | Reagent Final Volume | Parent Reagent |              | Analyte                          | Concentration   |
|------------|----------|-----------|---------------|----------------------|----------------|--------------|----------------------------------|-----------------|
|            |          |           |               |                      | Reagent ID     | Volume Added |                                  |                 |
|            |          |           |               |                      |                |              | Chlorodifluoromethane            | 20.9559 ppb v/v |
|            |          |           |               |                      |                |              | Chloroethane                     | 20.776 ppb v/v  |
|            |          |           |               |                      |                |              | Chloroform                       | 20.1961 ppb v/v |
|            |          |           |               |                      |                |              | Chloromethane                    | 21.8358 ppb v/v |
|            |          |           |               |                      |                |              | cis-1,2-Dichloroethene           | 20.1961 ppb v/v |
|            |          |           |               |                      |                |              | cis-1,3-Dichloropropene          | 20.776 ppb v/v  |
|            |          |           |               |                      |                |              | Cumene                           | 20.856 ppb v/v  |
|            |          |           |               |                      |                |              | Cyclohexane                      | 20.2961 ppb v/v |
|            |          |           |               |                      |                |              | Dibromochloromethane             | 19.3562 ppb v/v |
|            |          |           |               |                      |                |              | Dibromomethane                   | 20.596 ppb v/v  |
|            |          |           |               |                      |                |              | Dichlorodifluoromethane          | 20.8759 ppb v/v |
|            |          |           |               |                      |                |              | Dodecane                         | 18.7164 ppb v/v |
|            |          |           |               |                      |                |              | Ethyl acetate                    | 20.2561 ppb v/v |
|            |          |           |               |                      |                |              | Ethyl ether                      | 20.1561 ppb v/v |
|            |          |           |               |                      |                |              | Ethylbenzene                     | 20.436 ppb v/v  |
|            |          |           |               |                      |                |              | Hexachlorobutadiene              | 20.516 ppb v/v  |
|            |          |           |               |                      |                |              | Isopropyl alcohol                | 20.436 ppb v/v  |
|            |          |           |               |                      |                |              | m,p-Xylene                       | 41.112 ppb v/v  |
|            |          |           |               |                      |                |              | Methyl Butyl Ketone (2-Hexanone) | 19.9761 ppb v/v |
|            |          |           |               |                      |                |              | Methyl Ethyl Ketone (2-Butanone) | 20.676 ppb v/v  |
|            |          |           |               |                      |                |              | Methyl methacrylate              | 20.3161 ppb v/v |
|            |          |           |               |                      |                |              | Methyl tert-butyl ether          | 20.8959 ppb v/v |
|            |          |           |               |                      |                |              | Methylene Chloride               | 20.556 ppb v/v  |
|            |          |           |               |                      |                |              | n-Butane                         | 20.716 ppb v/v  |
|            |          |           |               |                      |                |              | n-Butanol                        | 19.0963 ppb v/v |

## REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-56451-1SDG No.: 200-56451-1

| Reagent ID | Exp Date | Prep Date | Dilutant Used | Reagent Final Volume | Parent Reagent |              | Analyte                   | Concentration   |
|------------|----------|-----------|---------------|----------------------|----------------|--------------|---------------------------|-----------------|
|            |          |           |               |                      | Reagent ID     | Volume Added |                           |                 |
|            |          |           |               |                      |                |              | n-Butylbenzene            | 20.776 ppb v/v  |
|            |          |           |               |                      |                |              | n-Decane                  | 20.836 ppb v/v  |
|            |          |           |               |                      |                |              | n-Heptane                 | 21.0159 ppb v/v |
|            |          |           |               |                      |                |              | n-Hexane                  | 21.1759 ppb v/v |
|            |          |           |               |                      |                |              | n-Nonane                  | 20.9559 ppb v/v |
|            |          |           |               |                      |                |              | n-Octane                  | 20.656 ppb v/v  |
|            |          |           |               |                      |                |              | n-Propylbenzene           | 20.796 ppb v/v  |
|            |          |           |               |                      |                |              | Naphthalene               | 19.4362 ppb v/v |
|            |          |           |               |                      |                |              | o-Xylene                  | 20.716 ppb v/v  |
|            |          |           |               |                      |                |              | Pentane                   | 20.2561 ppb v/v |
|            |          |           |               |                      |                |              | Propene                   | 20.636 ppb v/v  |
|            |          |           |               |                      |                |              | sec-Butylbenzene          | 20.9159 ppb v/v |
|            |          |           |               |                      |                |              | Styrene                   | 20.636 ppb v/v  |
|            |          |           |               |                      |                |              | tert-Butyl alcohol        | 21.5558 ppb v/v |
|            |          |           |               |                      |                |              | tert-Butylbenzene         | 20.716 ppb v/v  |
|            |          |           |               |                      |                |              | Tetrachloroethene         | 20.9959 ppb v/v |
|            |          |           |               |                      |                |              | Tetrahydrofuran           | 19.9761 ppb v/v |
|            |          |           |               |                      |                |              | Toluene                   | 20.3161 ppb v/v |
|            |          |           |               |                      |                |              | trans-1,2-Dichloroethene  | 20.396 ppb v/v  |
|            |          |           |               |                      |                |              | trans-1,3-Dichloropropene | 19.7562 ppb v/v |
|            |          |           |               |                      |                |              | Trichloroethene           | 21.0559 ppb v/v |
|            |          |           |               |                      |                |              | Trichlorofluoromethane    | 21.1159 ppb v/v |
|            |          |           |               |                      |                |              | Undecane                  | 20.9159 ppb v/v |
|            |          |           |               |                      |                |              | Vinyl acetate             | 20.776 ppb v/v  |
|            |          |           |               |                      |                |              | Vinyl chloride            | 20.776 ppb v/v  |

## REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-56451-1

SDG No.: 200-56451-1

| Reagent ID            | Exp Date | Prep Date | Dilutant Used    | Reagent Final Volume | Parent Reagent      |              | Analyte                                       | Concentration   |
|-----------------------|----------|-----------|------------------|----------------------|---------------------|--------------|-----------------------------------------------|-----------------|
|                       |          |           |                  |                      | Reagent ID          | Volume Added |                                               |                 |
|                       |          |           |                  |                      | ATTO15EthCALw_00121 | 1237 mL      | Ethanol                                       | 39.9987 ppb v/v |
| ..ATTO15CALSTKi_00134 | 12/13/20 | 10/16/20  | Nitrogen, Lot 13 | 15 L                 | ATTO15CALs_00039    | 3000 mL      | 1,1,1-Trichloroethane                         | 203.8 ppb v/v   |
|                       |          |           |                  |                      |                     |              | 1,1,2,2-Tetrachloroethane                     | 206.8 ppb v/v   |
|                       |          |           |                  |                      |                     |              | 1,1,2-Trichloroethane                         | 209.6 ppb v/v   |
|                       |          |           |                  |                      |                     |              | 1,1,2-Trichlorotrifluoroethane                | 209.8 ppb v/v   |
|                       |          |           |                  |                      |                     |              | 1,1-Dichloroethane                            | 200 ppb v/v     |
|                       |          |           |                  |                      |                     |              | 1,1-Dichloroethene                            | 205.6 ppb v/v   |
|                       |          |           |                  |                      |                     |              | 1,2,3-Trichlorobenzene                        | 182.4 ppb v/v   |
|                       |          |           |                  |                      |                     |              | 1,2,3-Trichloropropane                        | 211.8 ppb v/v   |
|                       |          |           |                  |                      |                     |              | 1,2,4-Trichlorobenzene                        | 217.2 ppb v/v   |
|                       |          |           |                  |                      |                     |              | 1,2,4-Trimethylbenzene                        | 208 ppb v/v     |
|                       |          |           |                  |                      |                     |              | 1,2-Dibromoethane                             | 212.2 ppb v/v   |
|                       |          |           |                  |                      |                     |              | 1,2-Dichlorobenzene                           | 208.8 ppb v/v   |
|                       |          |           |                  |                      |                     |              | 1,2-Dichloroethane                            | 207.2 ppb v/v   |
|                       |          |           |                  |                      |                     |              | 1,2-Dichloropropane                           | 206.2 ppb v/v   |
|                       |          |           |                  |                      |                     |              | 1,2-Dichlorotetrafluoroethane                 | 208.2 ppb v/v   |
|                       |          |           |                  |                      |                     |              | 1,3,5-Trimethylbenzene                        | 207.8 ppb v/v   |
|                       |          |           |                  |                      |                     |              | 1,3-Butadiene                                 | 202.4 ppb v/v   |
|                       |          |           |                  |                      |                     |              | 1,3-Dichlorobenzene                           | 211.6 ppb v/v   |
|                       |          |           |                  |                      |                     |              | 1,4-Dichlorobenzene                           | 209.4 ppb v/v   |
|                       |          |           |                  |                      |                     |              | 1,4-Dioxane                                   | 211.6 ppb v/v   |
|                       |          |           |                  |                      |                     |              | 2,2,4-Trimethylpentane                        | 209.4 ppb v/v   |
|                       |          |           |                  |                      |                     |              | 2-Chlorotoluene                               | 208.8 ppb v/v   |
|                       |          |           |                  |                      |                     |              | 2-Methylbutane                                | 208.8 ppb v/v   |
|                       |          |           |                  |                      |                     |              | 3-Chloropropene                               | 213 ppb v/v     |
|                       |          |           |                  |                      |                     |              | 4-Ethyltoluene                                | 206.6 ppb v/v   |
|                       |          |           |                  |                      |                     |              | 4-Isopropyltoluene                            | 206.2 ppb v/v   |
|                       |          |           |                  |                      |                     |              | 4-Methyl-2-pentanone (Methyl isobutyl ketone) | 204.8 ppb v/v   |
|                       |          |           |                  |                      |                     |              | Acetone                                       | 204.8 ppb v/v   |
|                       |          |           |                  |                      |                     |              | Acetonitrile                                  | 198 ppb v/v     |
|                       |          |           |                  |                      |                     |              | Acrolein                                      | 194.4 ppb v/v   |
|                       |          |           |                  |                      |                     |              | Acrylonitrile                                 | 202.2 ppb v/v   |
|                       |          |           |                  |                      |                     |              | Alpha Methyl Styrene                          | 204 ppb v/v     |
|                       |          |           |                  |                      |                     |              | Benzene                                       | 206.6 ppb v/v   |
|                       |          |           |                  |                      |                     |              | Benzyl chloride                               | 211.6 ppb v/v   |
|                       |          |           |                  |                      |                     |              | Bromodichloromethane                          | 211.4 ppb v/v   |
|                       |          |           |                  |                      |                     |              | Bromoethene (Vinyl Bromide)                   | 208.4 ppb v/v   |
|                       |          |           |                  |                      |                     |              | Bromoform                                     | 205.8 ppb v/v   |
|                       |          |           |                  |                      |                     |              | Bromomethane                                  | 206.2 ppb v/v   |
|                       |          |           |                  |                      |                     |              | Carbon disulfide                              | 203.2 ppb v/v   |
|                       |          |           |                  |                      |                     |              | Carbon tetrachloride                          | 203.2 ppb v/v   |
|                       |          |           |                  |                      |                     |              | Chlorobenzene                                 | 209.8 ppb v/v   |
|                       |          |           |                  |                      |                     |              | Chlorodifluoromethane                         | 209.6 ppb v/v   |
|                       |          |           |                  |                      |                     |              | Chloroethane                                  | 207.8 ppb v/v   |
|                       |          |           |                  |                      |                     |              | Chloroform                                    | 202 ppb v/v     |
|                       |          |           |                  |                      |                     |              | Chloromethane                                 | 218.4 ppb v/v   |

## REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-56451-1

SDG No.: 200-56451-1

| Reagent ID | Exp Date | Prep Date | Dilutant Used | Reagent Final Volume | Parent Reagent |              | Analyte                          | Concentration |
|------------|----------|-----------|---------------|----------------------|----------------|--------------|----------------------------------|---------------|
|            |          |           |               |                      | Reagent ID     | Volume Added |                                  |               |
|            |          |           |               |                      |                |              | cis-1,2-Dichloroethene           | 202 ppb v/v   |
|            |          |           |               |                      |                |              | cis-1,3-Dichloropropene          | 207.8 ppb v/v |
|            |          |           |               |                      |                |              | Cumene                           | 208.6 ppb v/v |
|            |          |           |               |                      |                |              | Cyclohexane                      | 203 ppb v/v   |
|            |          |           |               |                      |                |              | Dibromochloromethane             | 193.6 ppb v/v |
|            |          |           |               |                      |                |              | Dibromomethane                   | 206 ppb v/v   |
|            |          |           |               |                      |                |              | Dichlorodifluoromethane          | 208.8 ppb v/v |
|            |          |           |               |                      |                |              | Dodecane                         | 187.2 ppb v/v |
|            |          |           |               |                      |                |              | Ethyl acetate                    | 202.6 ppb v/v |
|            |          |           |               |                      |                |              | Ethyl ether                      | 201.6 ppb v/v |
|            |          |           |               |                      |                |              | Ethylbenzene                     | 204.4 ppb v/v |
|            |          |           |               |                      |                |              | Hexachlorobutadiene              | 205.2 ppb v/v |
|            |          |           |               |                      |                |              | Isopropyl alcohol                | 204.4 ppb v/v |
|            |          |           |               |                      |                |              | m,p-Xylene                       | 411.2 ppb v/v |
|            |          |           |               |                      |                |              | Methyl Butyl Ketone (2-Hexanone) | 199.8 ppb v/v |
|            |          |           |               |                      |                |              | Methyl Ethyl Ketone (2-Butanone) | 206.8 ppb v/v |
|            |          |           |               |                      |                |              | Methyl methacrylate              | 203.2 ppb v/v |
|            |          |           |               |                      |                |              | Methyl tert-butyl ether          | 209 ppb v/v   |
|            |          |           |               |                      |                |              | Methylene Chloride               | 205.6 ppb v/v |
|            |          |           |               |                      |                |              | n-Butane                         | 207.2 ppb v/v |
|            |          |           |               |                      |                |              | n-Butanol                        | 191 ppb v/v   |
|            |          |           |               |                      |                |              | n-Butylbenzene                   | 207.8 ppb v/v |
|            |          |           |               |                      |                |              | n-Decane                         | 208.4 ppb v/v |
|            |          |           |               |                      |                |              | n-Heptane                        | 210.2 ppb v/v |
|            |          |           |               |                      |                |              | n-Hexane                         | 211.8 ppb v/v |
|            |          |           |               |                      |                |              | n-Nonane                         | 209.6 ppb v/v |
|            |          |           |               |                      |                |              | n-Octane                         | 206.6 ppb v/v |
|            |          |           |               |                      |                |              | n-Propylbenzene                  | 208 ppb v/v   |
|            |          |           |               |                      |                |              | Naphthalene                      | 194.4 ppb v/v |
|            |          |           |               |                      |                |              | o-Xylene                         | 207.2 ppb v/v |
|            |          |           |               |                      |                |              | Pentane                          | 202.6 ppb v/v |
|            |          |           |               |                      |                |              | Propene                          | 206.4 ppb v/v |
|            |          |           |               |                      |                |              | sec-Butylbenzene                 | 209.2 ppb v/v |
|            |          |           |               |                      |                |              | Styrene                          | 206.4 ppb v/v |
|            |          |           |               |                      |                |              | tert-Butyl alcohol               | 215.6 ppb v/v |
|            |          |           |               |                      |                |              | tert-Butylbenzene                | 207.2 ppb v/v |
|            |          |           |               |                      |                |              | Tetrachloroethene                | 210 ppb v/v   |
|            |          |           |               |                      |                |              | Tetrahydrofuran                  | 199.8 ppb v/v |
|            |          |           |               |                      |                |              | Toluene                          | 203.2 ppb v/v |
|            |          |           |               |                      |                |              | trans-1,2-Dichloroethene         | 204 ppb v/v   |
|            |          |           |               |                      |                |              | trans-1,3-Dichloropropene        | 197.6 ppb v/v |
|            |          |           |               |                      |                |              | Trichloroethene                  | 210.6 ppb v/v |
|            |          |           |               |                      |                |              | Trichlorofluoromethane           | 211.2 ppb v/v |
|            |          |           |               |                      |                |              | Undecane                         | 209.2 ppb v/v |
|            |          |           |               |                      |                |              | Vinyl acetate                    | 207.8 ppb v/v |
|            |          |           |               |                      |                |              | Vinyl chloride                   | 207.8 ppb v/v |



REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-56451-1

SDG No.: 200-56451-1

| Reagent ID          | Exp Date | Prep Date | Dilutant Used        | Reagent Final Volume | Parent Reagent      |              | Analyte                                       | Concentration |
|---------------------|----------|-----------|----------------------|----------------------|---------------------|--------------|-----------------------------------------------|---------------|
|                     |          |           |                      |                      | Reagent ID          | Volume Added |                                               |               |
| ...ATTO15CALs_00039 | 12/13/20 |           | Linde, Lot CC-237336 |                      | (Purchased Reagent) |              | 1,1,1-Trichloroethane                         | 1.019 ppm v/v |
|                     |          |           |                      |                      |                     |              | 1,1,2,2-Tetrachloroethane                     | 1.034 ppm v/v |
|                     |          |           |                      |                      |                     |              | 1,1,2-Trichloroethane                         | 1.048 ppm v/v |
|                     |          |           |                      |                      |                     |              | 1,1,2-Trichlorotrifluoroethane                | 1.049 ppm v/v |
|                     |          |           |                      |                      |                     |              | 1,1-Dichloroethane                            | 1 ppm v/v     |
|                     |          |           |                      |                      |                     |              | 1,1-Dichloroethene                            | 1.028 ppm v/v |
|                     |          |           |                      |                      |                     |              | 1,2,3-Trichlorobenzene                        | 0.912 ppm v/v |
|                     |          |           |                      |                      |                     |              | 1,2,3-Trichloropropane                        | 1.059 ppm v/v |
|                     |          |           |                      |                      |                     |              | 1,2,4-Trichlorobenzene                        | 1.086 ppm v/v |
|                     |          |           |                      |                      |                     |              | 1,2,4-Trimethylbenzene                        | 1.04 ppm v/v  |
|                     |          |           |                      |                      |                     |              | 1,2-Dibromoethane                             | 1.061 ppm v/v |
|                     |          |           |                      |                      |                     |              | 1,2-Dichlorobenzene                           | 1.044 ppm v/v |
|                     |          |           |                      |                      |                     |              | 1,2-Dichloroethane                            | 1.036 ppm v/v |
|                     |          |           |                      |                      |                     |              | 1,2-Dichloropropane                           | 1.031 ppm v/v |
|                     |          |           |                      |                      |                     |              | 1,2-Dichlorotetrafluoroethane                 | 1.041 ppm v/v |
|                     |          |           |                      |                      |                     |              | 1,3,5-Trimethylbenzene                        | 1.039 ppm v/v |
|                     |          |           |                      |                      |                     |              | 1,3-Butadiene                                 | 1.012 ppm v/v |
|                     |          |           |                      |                      |                     |              | 1,3-Dichlorobenzene                           | 1.058 ppm v/v |
|                     |          |           |                      |                      |                     |              | 1,4-Dichlorobenzene                           | 1.047 ppm v/v |
|                     |          |           |                      |                      |                     |              | 1,4-Dioxane                                   | 1.058 ppm v/v |
|                     |          |           |                      |                      |                     |              | 2,2,4-Trimethylpentane                        | 1.047 ppm v/v |
|                     |          |           |                      |                      |                     |              | 2-Chlorotoluene                               | 1.044 ppm v/v |
|                     |          |           |                      |                      |                     |              | 2-Methylbutane                                | 1.044 ppm v/v |
|                     |          |           |                      |                      |                     |              | 3-Chloropropene                               | 1.065 ppm v/v |
|                     |          |           |                      |                      |                     |              | 4-Ethyltoluene                                | 1.033 ppm v/v |
|                     |          |           |                      |                      |                     |              | 4-Isopropyltoluene                            | 1.031 ppm v/v |
|                     |          |           |                      |                      |                     |              | 4-Methyl-2-pentanone (Methyl isobutyl ketone) | 1.024 ppm v/v |
|                     |          |           |                      |                      |                     |              | Acetone                                       | 1.024 ppm v/v |
|                     |          |           |                      |                      |                     |              | Acetonitrile                                  | 0.99 ppm v/v  |
|                     |          |           |                      |                      |                     |              | Acrolein                                      | 0.972 ppm v/v |
|                     |          |           |                      |                      |                     |              | Acrylonitrile                                 | 1.011 ppm v/v |
|                     |          |           |                      |                      |                     |              | Alpha Methyl Styrene                          | 1.02 ppm v/v  |
|                     |          |           |                      |                      |                     |              | Benzene                                       | 1.033 ppm v/v |
|                     |          |           |                      |                      |                     |              | Benzyl chloride                               | 1.058 ppm v/v |
|                     |          |           |                      |                      |                     |              | Bromodichloromethane                          | 1.057 ppm v/v |
|                     |          |           |                      |                      |                     |              | Bromoethene (Vinyl Bromide)                   | 1.042 ppm v/v |
|                     |          |           |                      |                      |                     |              | Bromoform                                     | 1.029 ppm v/v |
|                     |          |           |                      |                      |                     |              | Bromomethane                                  | 1.031 ppm v/v |
|                     |          |           |                      |                      |                     |              | Carbon disulfide                              | 1.016 ppm v/v |
|                     |          |           |                      |                      |                     |              | Carbon tetrachloride                          | 1.016 ppm v/v |
|                     |          |           |                      |                      |                     |              | Chlorobenzene                                 | 1.049 ppm v/v |
|                     |          |           |                      |                      |                     |              | Chlorodifluoromethane                         | 1.048 ppm v/v |
|                     |          |           |                      |                      |                     |              | Chloroethane                                  | 1.039 ppm v/v |
|                     |          |           |                      |                      |                     |              | Chloroform                                    | 1.01 ppm v/v  |
|                     |          |           |                      |                      |                     |              | Chloromethane                                 | 1.092 ppm v/v |
|                     |          |           |                      |                      |                     |              | cis-1,2-Dichloroethene                        | 1.01 ppm v/v  |
|                     |          |           |                      |                      |                     |              | cis-1,3-Dichloropropene                       | 1.039 ppm v/v |

## REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-56451-1

SDG No.: 200-56451-1

| Reagent ID             | Exp Date | Prep Date | Dilutant Used             | Reagent Final Volume | Parent Reagent      |              | Analyte                          | Concentration |
|------------------------|----------|-----------|---------------------------|----------------------|---------------------|--------------|----------------------------------|---------------|
|                        |          |           |                           |                      | Reagent ID          | Volume Added |                                  |               |
|                        |          |           |                           |                      |                     |              | Cumene                           | 1.043 ppm v/v |
|                        |          |           |                           |                      |                     |              | Cyclohexane                      | 1.015 ppm v/v |
|                        |          |           |                           |                      |                     |              | Dibromochloromethane             | 0.968 ppm v/v |
|                        |          |           |                           |                      |                     |              | Dibromomethane                   | 1.03 ppm v/v  |
|                        |          |           |                           |                      |                     |              | Dichlorodifluoromethane          | 1.044 ppm v/v |
|                        |          |           |                           |                      |                     |              | Dodecane                         | 0.936 ppm v/v |
|                        |          |           |                           |                      |                     |              | Ethyl acetate                    | 1.013 ppm v/v |
|                        |          |           |                           |                      |                     |              | Ethyl ether                      | 1.008 ppm v/v |
|                        |          |           |                           |                      |                     |              | Ethylbenzene                     | 1.022 ppm v/v |
|                        |          |           |                           |                      |                     |              | Hexachlorobutadiene              | 1.026 ppm v/v |
|                        |          |           |                           |                      |                     |              | Isopropyl alcohol                | 1.022 ppm v/v |
|                        |          |           |                           |                      |                     |              | m,p-Xylene                       | 2.056 ppm v/v |
|                        |          |           |                           |                      |                     |              | Methyl Butyl Ketone (2-Hexanone) | 0.999 ppm v/v |
|                        |          |           |                           |                      |                     |              | Methyl Ethyl Ketone (2-Butanone) | 1.034 ppm v/v |
|                        |          |           |                           |                      |                     |              | Methyl methacrylate              | 1.016 ppm v/v |
|                        |          |           |                           |                      |                     |              | Methyl tert-butyl ether          | 1.045 ppm v/v |
|                        |          |           |                           |                      |                     |              | Methylene Chloride               | 1.028 ppm v/v |
|                        |          |           |                           |                      |                     |              | n-Butane                         | 1.036 ppm v/v |
|                        |          |           |                           |                      |                     |              | n-Butanol                        | 0.955 ppm v/v |
|                        |          |           |                           |                      |                     |              | n-Butylbenzene                   | 1.039 ppm v/v |
|                        |          |           |                           |                      |                     |              | n-Decane                         | 1.042 ppm v/v |
|                        |          |           |                           |                      |                     |              | n-Heptane                        | 1.051 ppm v/v |
|                        |          |           |                           |                      |                     |              | n-Hexane                         | 1.059 ppm v/v |
|                        |          |           |                           |                      |                     |              | n-Nonane                         | 1.048 ppm v/v |
|                        |          |           |                           |                      |                     |              | n-Octane                         | 1.033 ppm v/v |
|                        |          |           |                           |                      |                     |              | n-Propylbenzene                  | 1.04 ppm v/v  |
|                        |          |           |                           |                      |                     |              | Naphthalene                      | 0.972 ppm v/v |
|                        |          |           |                           |                      |                     |              | o-Xylene                         | 1.036 ppm v/v |
|                        |          |           |                           |                      |                     |              | Pentane                          | 1.013 ppm v/v |
|                        |          |           |                           |                      |                     |              | Propene                          | 1.032 ppm v/v |
|                        |          |           |                           |                      |                     |              | sec-Butylbenzene                 | 1.046 ppm v/v |
|                        |          |           |                           |                      |                     |              | Styrene                          | 1.032 ppm v/v |
|                        |          |           |                           |                      |                     |              | tert-Butyl alcohol               | 1.078 ppm v/v |
|                        |          |           |                           |                      |                     |              | tert-Butylbenzene                | 1.036 ppm v/v |
|                        |          |           |                           |                      |                     |              | Tetrachloroethene                | 1.05 ppm v/v  |
|                        |          |           |                           |                      |                     |              | Tetrahydrofuran                  | 0.999 ppm v/v |
|                        |          |           |                           |                      |                     |              | Toluene                          | 1.016 ppm v/v |
|                        |          |           |                           |                      |                     |              | trans-1,2-Dichloroethene         | 1.02 ppm v/v  |
|                        |          |           |                           |                      |                     |              | trans-1,3-Dichloropropene        | 0.988 ppm v/v |
|                        |          |           |                           |                      |                     |              | Trichloroethene                  | 1.053 ppm v/v |
|                        |          |           |                           |                      |                     |              | Trichlorofluoromethane           | 1.056 ppm v/v |
|                        |          |           |                           |                      |                     |              | Undecane                         | 1.046 ppm v/v |
|                        |          |           |                           |                      |                     |              | Vinyl acetate                    | 1.039 ppm v/v |
|                        |          |           |                           |                      |                     |              | Vinyl chloride                   | 1.039 ppm v/v |
| ..ATTO15EthCALw_00121  | 12/30/20 | 10/16/20  | Nitrogen, Lot 12          | 37.5 ppb             | ATTO15EthCALs_00009 | 18.75 uL     | Ethanol                          | 500 ppb v/v   |
| ...ATTO15EthCALs_00009 | 09/05/21 |           | Chem Service, Lot 5301900 |                      | (Purchased Reagent) |              | Ethanol                          | 1 mL/mL       |

## REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-56451-1

SDG No.: 200-56451-1

| Reagent ID            | Exp Date | Prep Date | Dilutant Used             | Reagent Final Volume | Parent Reagent      |              | Analyte                        | Concentration    |
|-----------------------|----------|-----------|---------------------------|----------------------|---------------------|--------------|--------------------------------|------------------|
|                       |          |           |                           |                      | Reagent ID          | Volume Added |                                |                  |
| .ATTO15EthCALw_00121  | 12/30/20 | 10/16/20  | Nitrogen, Lot 12          | 37.5 ppb             | ATTO15EthCALs_00009 | 18.75 uL     | Ethanol                        | 500 ppb v/v      |
| ..ATTO15EthCALs_00009 | 09/05/21 |           | Chem Service, Lot 5301900 |                      | (Purchased Reagent) |              | Ethanol                        | 1 mL/mL          |
| ATTO15CAL2w_00298     | 03/14/21 | 12/14/20  | Nitrogen, Lot 12          | 15.463 L             | ATTO15CAL6w_00184   | 387 mL       | 1,1,1-Trichloroethane          | 0.509961 ppb v/v |
|                       |          |           |                           |                      |                     |              | 1,1,2,2-Tetrachloroethane      | 0.517468 ppb v/v |
|                       |          |           |                           |                      |                     |              | 1,1,2-Trichloroethane          | 0.524474 ppb v/v |
|                       |          |           |                           |                      |                     |              | 1,1,2-Trichlorotrifluoroethane | 0.524975 ppb v/v |
|                       |          |           |                           |                      |                     |              | 1,1-Dichloroethane             | 0.500453 ppb v/v |
|                       |          |           |                           |                      |                     |              | 1,1-Dichloroethene             | 0.514465 ppb v/v |
|                       |          |           |                           |                      |                     |              | 1,2,3-Trichlorobenzene         | 0.456413 ppb v/v |
|                       |          |           |                           |                      |                     |              | 1,2,3-Trichloropropane         | 0.529979 ppb v/v |
|                       |          |           |                           |                      |                     |              | 1,2,4-Trichlorobenzene         | 0.543492 ppb v/v |
|                       |          |           |                           |                      |                     |              | 1,2,4-Trimethylbenzene         | 0.520471 ppb v/v |
|                       |          |           |                           |                      |                     |              | 1,2-Dibromoethane              | 0.53098 ppb v/v  |
|                       |          |           |                           |                      |                     |              | 1,2-Dichlorobenzene            | 0.522473 ppb v/v |
|                       |          |           |                           |                      |                     |              | 1,2-Dichloroethane             | 0.518469 ppb v/v |
|                       |          |           |                           |                      |                     |              | 1,2-Dichloropropane            | 0.515967 ppb v/v |
|                       |          |           |                           |                      |                     |              | 1,2-Dichlorotetrafluoroethane  | 0.520971 ppb v/v |
|                       |          |           |                           |                      |                     |              | 1,3,5-Trimethylbenzene         | 0.51997 ppb v/v  |
|                       |          |           |                           |                      |                     |              | 1,3-Butadiene                  | 0.506458 ppb v/v |
|                       |          |           |                           |                      |                     |              | 1,3-Dichlorobenzene            | 0.529479 ppb v/v |
|                       |          |           |                           |                      |                     |              | 1,4-Dichlorobenzene            | 0.523974 ppb v/v |
|                       |          |           |                           |                      |                     |              | 1,4-Dioxane                    | 0.529479 ppb v/v |
|                       |          |           |                           |                      |                     |              | 2,2,4-Trimethylpentane         | 0.523974 ppb v/v |
|                       |          |           |                           |                      |                     |              | 2-Chlorotoluene                | 0.522473 ppb v/v |
|                       |          |           |                           |                      |                     |              | 2-Methylbutane                 | 0.522473 ppb v/v |
|                       |          |           |                           |                      |                     |              | 3-Chloropropene                | 0.532982 ppb v/v |

## REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-56451-1

SDG No.: 200-56451-1

| Reagent ID | Exp Date | Prep Date | Dilutant Used | Reagent Final Volume | Parent Reagent |              | Analyte                                       | Concentration    |
|------------|----------|-----------|---------------|----------------------|----------------|--------------|-----------------------------------------------|------------------|
|            |          |           |               |                      | Reagent ID     | Volume Added |                                               |                  |
|            |          |           |               |                      |                |              | 4-Ethyltoluene                                | 0.516968 ppb v/v |
|            |          |           |               |                      |                |              | 4-Isopropyltoluene                            | 0.515967 ppb v/v |
|            |          |           |               |                      |                |              | 4-Methyl-2-pentanone (Methyl isobutyl ketone) | 0.512463 ppb v/v |
|            |          |           |               |                      |                |              | Acetone                                       | 0.512463 ppb v/v |
|            |          |           |               |                      |                |              | Acetonitrile                                  | 0.495448 ppb v/v |
|            |          |           |               |                      |                |              | Acrolein                                      | 0.48644 ppb v/v  |
|            |          |           |               |                      |                |              | Acrylonitrile                                 | 0.505958 ppb v/v |
|            |          |           |               |                      |                |              | Alpha Methyl Styrene                          | 0.510462 ppb v/v |
|            |          |           |               |                      |                |              | Benzene                                       | 0.516968 ppb v/v |
|            |          |           |               |                      |                |              | Benzyl chloride                               | 0.529479 ppb v/v |
|            |          |           |               |                      |                |              | Bromodichloromethane                          | 0.528978 ppb v/v |
|            |          |           |               |                      |                |              | Bromoethene (Vinyl Bromide)                   | 0.521472 ppb v/v |
|            |          |           |               |                      |                |              | Bromoform                                     | 0.514966 ppb v/v |
|            |          |           |               |                      |                |              | Bromomethane                                  | 0.515967 ppb v/v |
|            |          |           |               |                      |                |              | Carbon disulfide                              | 0.50846 ppb v/v  |
|            |          |           |               |                      |                |              | Carbon tetrachloride                          | 0.50846 ppb v/v  |
|            |          |           |               |                      |                |              | Chlorobenzene                                 | 0.524975 ppb v/v |
|            |          |           |               |                      |                |              | Chlorodifluoromethane                         | 0.524474 ppb v/v |
|            |          |           |               |                      |                |              | Chloroethane                                  | 0.51997 ppb v/v  |
|            |          |           |               |                      |                |              | Chloroform                                    | 0.505457 ppb v/v |
|            |          |           |               |                      |                |              | Chloromethane                                 | 0.546494 ppb v/v |
|            |          |           |               |                      |                |              | cis-1,2-Dichloroethene                        | 0.505457 ppb v/v |
|            |          |           |               |                      |                |              | cis-1,3-Dichloropropene                       | 0.51997 ppb v/v  |
|            |          |           |               |                      |                |              | Cumene                                        | 0.521972 ppb v/v |
|            |          |           |               |                      |                |              | Cyclohexane                                   | 0.507959 ppb v/v |

# REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-56451-1

SDG No.: 200-56451-1

| Reagent ID | Exp Date | Prep Date | Dilutant Used | Reagent Final Volume | Parent Reagent |              | Analyte                          | Concentration    |
|------------|----------|-----------|---------------|----------------------|----------------|--------------|----------------------------------|------------------|
|            |          |           |               |                      | Reagent ID     | Volume Added |                                  |                  |
|            |          |           |               |                      |                |              | Dibromochloromethane             | 0.484438 ppb v/v |
|            |          |           |               |                      |                |              | Dibromomethane                   | 0.515466 ppb v/v |
|            |          |           |               |                      |                |              | Dichlorodifluoromethane          | 0.522473 ppb v/v |
|            |          |           |               |                      |                |              | Dodecane                         | 0.468424 ppb v/v |
|            |          |           |               |                      |                |              | Ethyl acetate                    | 0.506958 ppb v/v |
|            |          |           |               |                      |                |              | Ethyl ether                      | 0.504456 ppb v/v |
|            |          |           |               |                      |                |              | Ethylbenzene                     | 0.511463 ppb v/v |
|            |          |           |               |                      |                |              | Hexachlorobutadiene              | 0.513464 ppb v/v |
|            |          |           |               |                      |                |              | Isopropyl alcohol                | 0.511463 ppb v/v |
|            |          |           |               |                      |                |              | m,p-Xylene                       | 1.02893 ppb v/v  |
|            |          |           |               |                      |                |              | Methyl Butyl Ketone (2-Hexanone) | 0.499952 ppb v/v |
|            |          |           |               |                      |                |              | Methyl Ethyl Ketone (2-Butanone) | 0.517468 ppb v/v |
|            |          |           |               |                      |                |              | Methyl methacrylate              | 0.50846 ppb v/v  |
|            |          |           |               |                      |                |              | Methyl tert-butyl ether          | 0.522973 ppb v/v |
|            |          |           |               |                      |                |              | Methylene Chloride               | 0.514465 ppb v/v |
|            |          |           |               |                      |                |              | n-Butane                         | 0.518469 ppb v/v |
|            |          |           |               |                      |                |              | n-Butanol                        | 0.477932 ppb v/v |
|            |          |           |               |                      |                |              | n-Butylbenzene                   | 0.51997 ppb v/v  |
|            |          |           |               |                      |                |              | n-Decane                         | 0.521472 ppb v/v |
|            |          |           |               |                      |                |              | n-Heptane                        | 0.525976 ppb v/v |
|            |          |           |               |                      |                |              | n-Hexane                         | 0.529979 ppb v/v |
|            |          |           |               |                      |                |              | n-Nonane                         | 0.524474 ppb v/v |
|            |          |           |               |                      |                |              | n-Octane                         | 0.516968 ppb v/v |
|            |          |           |               |                      |                |              | n-Propylbenzene                  | 0.520471 ppb v/v |
|            |          |           |               |                      |                |              | Naphthalene                      | 0.48644 ppb v/v  |

## REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-56451-1

SDG No.: 200-56451-1

| Reagent ID         | Exp Date | Prep Date | Dilutant Used   | Reagent Final Volume | Parent Reagent      |              | Analyte                        | Concentration    |
|--------------------|----------|-----------|-----------------|----------------------|---------------------|--------------|--------------------------------|------------------|
|                    |          |           |                 |                      | Reagent ID          | Volume Added |                                |                  |
|                    |          |           |                 |                      |                     |              | o-Xylene                       | 0.518469 ppb v/v |
|                    |          |           |                 |                      |                     |              | Pentane                        | 0.506958 ppb v/v |
|                    |          |           |                 |                      |                     |              | Propene                        | 0.516467 ppb v/v |
|                    |          |           |                 |                      |                     |              | sec-Butylbenzene               | 0.523473 ppb v/v |
|                    |          |           |                 |                      |                     |              | Styrene                        | 0.516467 ppb v/v |
|                    |          |           |                 |                      |                     |              | tert-Butyl alcohol             | 0.539488 ppb v/v |
|                    |          |           |                 |                      |                     |              | tert-Butylbenzene              | 0.518469 ppb v/v |
|                    |          |           |                 |                      |                     |              | Tetrachloroethene              | 0.525475 ppb v/v |
|                    |          |           |                 |                      |                     |              | Tetrahydrofuran                | 0.499952 ppb v/v |
|                    |          |           |                 |                      |                     |              | Toluene                        | 0.50846 ppb v/v  |
|                    |          |           |                 |                      |                     |              | trans-1,2-Dichloroethene       | 0.510462 ppb v/v |
|                    |          |           |                 |                      |                     |              | trans-1,3-Dichloropropene      | 0.494447 ppb v/v |
|                    |          |           |                 |                      |                     |              | Trichloroethene                | 0.526977 ppb v/v |
|                    |          |           |                 |                      |                     |              | Trichlorofluoromethane         | 0.528478 ppb v/v |
|                    |          |           |                 |                      |                     |              | Undecane                       | 0.523473 ppb v/v |
|                    |          |           |                 |                      |                     |              | Vinyl acetate                  | 0.51997 ppb v/v  |
|                    |          |           |                 |                      |                     |              | Vinyl chloride                 | 0.51997 ppb v/v  |
|                    |          |           |                 |                      |                     |              | Ethanol                        | 5.01064 ppb v/v  |
|                    |          |           |                 |                      | ATTO15EthCALw_00123 | 124 mL       | Ethanol                        | 5.01064 ppb v/v  |
| .ATTO15CAL6w_00184 | 03/14/21 | 12/14/20  | Nitrogen, Lot 1 | 15.463 L             | ATTO15CALSTKi_00137 | 1546 mL      | 1,1,1-Trichloroethane          | 20.376 ppb v/v   |
|                    |          |           |                 |                      |                     |              | 1,1,2,2-Tetrachloroethane      | 20.676 ppb v/v   |
|                    |          |           |                 |                      |                     |              | 1,1,2-Trichloroethane          | 20.9559 ppb v/v  |
|                    |          |           |                 |                      |                     |              | 1,1,2-Trichlorotrifluoroethane | 20.9759 ppb v/v  |
|                    |          |           |                 |                      |                     |              | 1,1-Dichloroethane             | 19.9961 ppb v/v  |
|                    |          |           |                 |                      |                     |              | 1,1-Dichloroethene             | 20.556 ppb v/v   |

# REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-56451-1

SDG No.: 200-56451-1

| Reagent ID | Exp Date | Prep Date | Dilutant Used | Reagent Final Volume | Parent Reagent |              | Analyte                                       | Concentration   |
|------------|----------|-----------|---------------|----------------------|----------------|--------------|-----------------------------------------------|-----------------|
|            |          |           |               |                      | Reagent ID     | Volume Added |                                               |                 |
|            |          |           |               |                      |                |              | 1,2,3-Trichlorobenzene                        | 18.2365 ppb v/v |
|            |          |           |               |                      |                |              | 1,2,3-Trichloropropane                        | 21.1759 ppb v/v |
|            |          |           |               |                      |                |              | 1,2,4-Trichlorobenzene                        | 21.7158 ppb v/v |
|            |          |           |               |                      |                |              | 1,2,4-Trimethylbenzene                        | 20.796 ppb v/v  |
|            |          |           |               |                      |                |              | 1,2-Dibromoethane                             | 21.2159 ppb v/v |
|            |          |           |               |                      |                |              | 1,2-Dichlorobenzene                           | 20.8759 ppb v/v |
|            |          |           |               |                      |                |              | 1,2-Dichloroethane                            | 20.716 ppb v/v  |
|            |          |           |               |                      |                |              | 1,2-Dichloropropane                           | 20.616 ppb v/v  |
|            |          |           |               |                      |                |              | 1,2-Dichlorotetrafluoroethane                 | 20.816 ppb v/v  |
|            |          |           |               |                      |                |              | 1,3,5-Trimethylbenzene                        | 20.776 ppb v/v  |
|            |          |           |               |                      |                |              | 1,3-Butadiene                                 | 20.2361 ppb v/v |
|            |          |           |               |                      |                |              | 1,3-Dichlorobenzene                           | 21.1559 ppb v/v |
|            |          |           |               |                      |                |              | 1,4-Dichlorobenzene                           | 20.9359 ppb v/v |
|            |          |           |               |                      |                |              | 1,4-Dioxane                                   | 21.1559 ppb v/v |
|            |          |           |               |                      |                |              | 2,2,4-Trimethylpentane                        | 20.9359 ppb v/v |
|            |          |           |               |                      |                |              | 2-Chlorotoluene                               | 20.8759 ppb v/v |
|            |          |           |               |                      |                |              | 2-Methylbutane                                | 20.8759 ppb v/v |
|            |          |           |               |                      |                |              | 3-Chloropropene                               | 21.2959 ppb v/v |
|            |          |           |               |                      |                |              | 4-Ethyltoluene                                | 20.656 ppb v/v  |
|            |          |           |               |                      |                |              | 4-Isopropyltoluene                            | 20.616 ppb v/v  |
|            |          |           |               |                      |                |              | 4-Methyl-2-pentanone (Methyl isobutyl ketone) | 20.476 ppb v/v  |
|            |          |           |               |                      |                |              | Acetone                                       | 20.476 ppb v/v  |
|            |          |           |               |                      |                |              | Acetonitrile                                  | 19.7962 ppb v/v |
|            |          |           |               |                      |                |              | Acrolein                                      | 19.4362 ppb v/v |
|            |          |           |               |                      |                |              | Acrylonitrile                                 | 20.2161 ppb v/v |

# REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-56451-1

SDG No.: 200-56451-1

| Reagent ID | Exp Date | Prep Date | Dilutant Used | Reagent Final Volume | Parent Reagent |              | Analyte                     | Concentration   |
|------------|----------|-----------|---------------|----------------------|----------------|--------------|-----------------------------|-----------------|
|            |          |           |               |                      | Reagent ID     | Volume Added |                             |                 |
|            |          |           |               |                      |                |              | Alpha Methyl Styrene        | 20.396 ppb v/v  |
|            |          |           |               |                      |                |              | Benzene                     | 20.656 ppb v/v  |
|            |          |           |               |                      |                |              | Benzyl chloride             | 21.1559 ppb v/v |
|            |          |           |               |                      |                |              | Bromodichloromethane        | 21.1359 ppb v/v |
|            |          |           |               |                      |                |              | Bromoethene (Vinyl Bromide) | 20.836 ppb v/v  |
|            |          |           |               |                      |                |              | Bromoform                   | 20.576 ppb v/v  |
|            |          |           |               |                      |                |              | Bromomethane                | 20.616 ppb v/v  |
|            |          |           |               |                      |                |              | Carbon disulfide            | 20.3161 ppb v/v |
|            |          |           |               |                      |                |              | Carbon tetrachloride        | 20.3161 ppb v/v |
|            |          |           |               |                      |                |              | Chlorobenzene               | 20.9759 ppb v/v |
|            |          |           |               |                      |                |              | Chlorodifluoromethane       | 20.9559 ppb v/v |
|            |          |           |               |                      |                |              | Chloroethane                | 20.776 ppb v/v  |
|            |          |           |               |                      |                |              | Chloroform                  | 20.1961 ppb v/v |
|            |          |           |               |                      |                |              | Chloromethane               | 21.8358 ppb v/v |
|            |          |           |               |                      |                |              | cis-1,2-Dichloroethene      | 20.1961 ppb v/v |
|            |          |           |               |                      |                |              | cis-1,3-Dichloropropene     | 20.776 ppb v/v  |
|            |          |           |               |                      |                |              | Cumene                      | 20.856 ppb v/v  |
|            |          |           |               |                      |                |              | Cyclohexane                 | 20.2961 ppb v/v |
|            |          |           |               |                      |                |              | Dibromochloromethane        | 19.3562 ppb v/v |
|            |          |           |               |                      |                |              | Dibromomethane              | 20.596 ppb v/v  |
|            |          |           |               |                      |                |              | Dichlorodifluoromethane     | 20.8759 ppb v/v |
|            |          |           |               |                      |                |              | Dodecane                    | 18.7164 ppb v/v |
|            |          |           |               |                      |                |              | Ethyl acetate               | 20.2561 ppb v/v |
|            |          |           |               |                      |                |              | Ethyl ether                 | 20.1561 ppb v/v |
|            |          |           |               |                      |                |              | Ethylbenzene                | 20.436 ppb v/v  |



# REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-56451-1

SDG No.: 200-56451-1

| Reagent ID | Exp Date | Prep Date | Dilutant Used | Reagent Final Volume | Parent Reagent |              | Analyte                          | Concentration   |
|------------|----------|-----------|---------------|----------------------|----------------|--------------|----------------------------------|-----------------|
|            |          |           |               |                      | Reagent ID     | Volume Added |                                  |                 |
|            |          |           |               |                      |                |              | Hexachlorobutadiene              | 20.516 ppb v/v  |
|            |          |           |               |                      |                |              | Isopropyl alcohol                | 20.436 ppb v/v  |
|            |          |           |               |                      |                |              | m,p-Xylene                       | 41.112 ppb v/v  |
|            |          |           |               |                      |                |              | Methyl Butyl Ketone (2-Hexanone) | 19.9761 ppb v/v |
|            |          |           |               |                      |                |              | Methyl Ethyl Ketone (2-Butanone) | 20.676 ppb v/v  |
|            |          |           |               |                      |                |              | Methyl methacrylate              | 20.3161 ppb v/v |
|            |          |           |               |                      |                |              | Methyl tert-butyl ether          | 20.8959 ppb v/v |
|            |          |           |               |                      |                |              | Methylene Chloride               | 20.556 ppb v/v  |
|            |          |           |               |                      |                |              | n-Butane                         | 20.716 ppb v/v  |
|            |          |           |               |                      |                |              | n-Butanol                        | 19.0963 ppb v/v |
|            |          |           |               |                      |                |              | n-Butylbenzene                   | 20.776 ppb v/v  |
|            |          |           |               |                      |                |              | n-Decane                         | 20.836 ppb v/v  |
|            |          |           |               |                      |                |              | n-Heptane                        | 21.0159 ppb v/v |
|            |          |           |               |                      |                |              | n-Hexane                         | 21.1759 ppb v/v |
|            |          |           |               |                      |                |              | n-Nonane                         | 20.9559 ppb v/v |
|            |          |           |               |                      |                |              | n-Octane                         | 20.656 ppb v/v  |
|            |          |           |               |                      |                |              | n-Propylbenzene                  | 20.796 ppb v/v  |
|            |          |           |               |                      |                |              | Naphthalene                      | 19.4362 ppb v/v |
|            |          |           |               |                      |                |              | o-Xylene                         | 20.716 ppb v/v  |
|            |          |           |               |                      |                |              | Pentane                          | 20.2561 ppb v/v |
|            |          |           |               |                      |                |              | Propene                          | 20.636 ppb v/v  |
|            |          |           |               |                      |                |              | sec-Butylbenzene                 | 20.9159 ppb v/v |
|            |          |           |               |                      |                |              | Styrene                          | 20.636 ppb v/v  |
|            |          |           |               |                      |                |              | tert-Butyl alcohol               | 21.5558 ppb v/v |
|            |          |           |               |                      |                |              | tert-Butylbenzene                | 20.716 ppb v/v  |

## REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-56451-1

SDG No.: 200-56451-1

| Reagent ID            | Exp Date | Prep Date | Dilutant Used    | Reagent Final Volume | Parent Reagent      |              | Analyte                        | Concentration   |
|-----------------------|----------|-----------|------------------|----------------------|---------------------|--------------|--------------------------------|-----------------|
|                       |          |           |                  |                      | Reagent ID          | Volume Added |                                |                 |
|                       |          |           |                  |                      |                     |              | Tetrachloroethene              | 20.9959 ppb v/v |
|                       |          |           |                  |                      |                     |              | Tetrahydrofuran                | 19.9761 ppb v/v |
|                       |          |           |                  |                      |                     |              | Toluene                        | 20.3161 ppb v/v |
|                       |          |           |                  |                      |                     |              | trans-1,2-Dichloroethene       | 20.396 ppb v/v  |
|                       |          |           |                  |                      |                     |              | trans-1,3-Dichloropropene      | 19.7562 ppb v/v |
|                       |          |           |                  |                      |                     |              | Trichloroethene                | 21.0559 ppb v/v |
|                       |          |           |                  |                      |                     |              | Trichlorofluoromethane         | 21.1159 ppb v/v |
|                       |          |           |                  |                      |                     |              | Undecane                       | 20.9159 ppb v/v |
|                       |          |           |                  |                      |                     |              | Vinyl acetate                  | 20.776 ppb v/v  |
|                       |          |           |                  |                      |                     |              | Vinyl chloride                 | 20.776 ppb v/v  |
|                       |          |           |                  |                      | ATTO15EthCALw_00123 | 1237 mL      | Ethanol                        | 39.9987 ppb v/v |
| ..ATTO15CALSTKi_00137 | 03/14/21 | 12/14/20  | Nitrogen, Lot 13 | 15 L                 | ATTO15CALs_00042    | 3000 mL      | 1,1,1-Trichloroethane          | 203.8 ppb v/v   |
|                       |          |           |                  |                      |                     |              | 1,1,2,2-Tetrachloroethane      | 206.8 ppb v/v   |
|                       |          |           |                  |                      |                     |              | 1,1,2-Trichloroethane          | 209.6 ppb v/v   |
|                       |          |           |                  |                      |                     |              | 1,1,2-Trichlorotrifluoroethane | 209.8 ppb v/v   |
|                       |          |           |                  |                      |                     |              | 1,1-Dichloroethane             | 200 ppb v/v     |
|                       |          |           |                  |                      |                     |              | 1,1-Dichloroethene             | 205.6 ppb v/v   |
|                       |          |           |                  |                      |                     |              | 1,2,3-Trichlorobenzene         | 182.4 ppb v/v   |
|                       |          |           |                  |                      |                     |              | 1,2,3-Trichloropropane         | 211.8 ppb v/v   |
|                       |          |           |                  |                      |                     |              | 1,2,4-Trichlorobenzene         | 217.2 ppb v/v   |
|                       |          |           |                  |                      |                     |              | 1,2,4-Trimethylbenzene         | 208 ppb v/v     |
|                       |          |           |                  |                      |                     |              | 1,2-Dibromoethane              | 212.2 ppb v/v   |
|                       |          |           |                  |                      |                     |              | 1,2-Dichlorobenzene            | 208.8 ppb v/v   |
|                       |          |           |                  |                      |                     |              | 1,2-Dichloroethane             | 207.2 ppb v/v   |
|                       |          |           |                  |                      |                     |              | 1,2-Dichloropropane            | 206.2 ppb v/v   |
|                       |          |           |                  |                      |                     |              | 1,2-Dichlorotetrafluoroethane  | 208.2 ppb v/v   |
|                       |          |           |                  |                      |                     |              | 1,3,5-Trimethylbenzene         | 207.8 ppb v/v   |
|                       |          |           |                  |                      |                     |              | 1,3-Butadiene                  | 202.4 ppb v/v   |
|                       |          |           |                  |                      |                     |              | 1,3-Dichlorobenzene            | 211.6 ppb v/v   |
|                       |          |           |                  |                      |                     |              | 1,4-Dichlorobenzene            | 209.4 ppb v/v   |
|                       |          |           |                  |                      |                     |              | 1,4-Dioxane                    | 211.6 ppb v/v   |
|                       |          |           |                  |                      |                     |              | 2,2,4-Trimethylpentane         | 209.4 ppb v/v   |
|                       |          |           |                  |                      |                     |              | 2-Chlorotoluene                | 208.8 ppb v/v   |
|                       |          |           |                  |                      |                     |              | 2-Methylbutane                 | 208.8 ppb v/v   |
|                       |          |           |                  |                      |                     |              | 3-Chloropropene                | 213 ppb v/v     |
|                       |          |           |                  |                      |                     |              | 4-Ethyltoluene                 | 206.6 ppb v/v   |
|                       |          |           |                  |                      |                     |              | 4-Isopropyltoluene             | 206.2 ppb v/v   |

# REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-56451-1

SDG No.: 200-56451-1

| Reagent ID | Exp Date | Prep Date | Dilutant Used | Reagent Final Volume | Parent Reagent |              | Analyte                                       | Concentration |
|------------|----------|-----------|---------------|----------------------|----------------|--------------|-----------------------------------------------|---------------|
|            |          |           |               |                      | Reagent ID     | Volume Added |                                               |               |
|            |          |           |               |                      |                |              | 4-Methyl-2-pentanone (Methyl isobutyl ketone) | 204.8 ppb v/v |
|            |          |           |               |                      |                |              | Acetone                                       | 204.8 ppb v/v |
|            |          |           |               |                      |                |              | Acetonitrile                                  | 198 ppb v/v   |
|            |          |           |               |                      |                |              | Acrolein                                      | 194.4 ppb v/v |
|            |          |           |               |                      |                |              | Acrylonitrile                                 | 202.2 ppb v/v |
|            |          |           |               |                      |                |              | Alpha Methyl Styrene                          | 204 ppb v/v   |
|            |          |           |               |                      |                |              | Benzene                                       | 206.6 ppb v/v |
|            |          |           |               |                      |                |              | Benzyl chloride                               | 211.6 ppb v/v |
|            |          |           |               |                      |                |              | Bromodichloromethane                          | 211.4 ppb v/v |
|            |          |           |               |                      |                |              | Bromoethene (Vinyl Bromide)                   | 208.4 ppb v/v |
|            |          |           |               |                      |                |              | Bromoform                                     | 205.8 ppb v/v |
|            |          |           |               |                      |                |              | Bromomethane                                  | 206.2 ppb v/v |
|            |          |           |               |                      |                |              | Carbon disulfide                              | 203.2 ppb v/v |
|            |          |           |               |                      |                |              | Carbon tetrachloride                          | 203.2 ppb v/v |
|            |          |           |               |                      |                |              | Chlorobenzene                                 | 209.8 ppb v/v |
|            |          |           |               |                      |                |              | Chlorodifluoromethane                         | 209.6 ppb v/v |
|            |          |           |               |                      |                |              | Chloroethane                                  | 207.8 ppb v/v |
|            |          |           |               |                      |                |              | Chloroform                                    | 202 ppb v/v   |
|            |          |           |               |                      |                |              | Chloromethane                                 | 218.4 ppb v/v |
|            |          |           |               |                      |                |              | cis-1,2-Dichloroethene                        | 202 ppb v/v   |
|            |          |           |               |                      |                |              | cis-1,3-Dichloropropene                       | 207.8 ppb v/v |
|            |          |           |               |                      |                |              | Cumene                                        | 208.6 ppb v/v |
|            |          |           |               |                      |                |              | Cyclohexane                                   | 203 ppb v/v   |
|            |          |           |               |                      |                |              | Dibromochloromethane                          | 193.6 ppb v/v |
|            |          |           |               |                      |                |              | Dibromomethane                                | 206 ppb v/v   |
|            |          |           |               |                      |                |              | Dichlorodifluoromethane                       | 208.8 ppb v/v |
|            |          |           |               |                      |                |              | Dodecane                                      | 187.2 ppb v/v |
|            |          |           |               |                      |                |              | Ethyl acetate                                 | 202.6 ppb v/v |
|            |          |           |               |                      |                |              | Ethyl ether                                   | 201.6 ppb v/v |
|            |          |           |               |                      |                |              | Ethylbenzene                                  | 204.4 ppb v/v |
|            |          |           |               |                      |                |              | Hexachlorobutadiene                           | 205.2 ppb v/v |
|            |          |           |               |                      |                |              | Isopropyl alcohol                             | 204.4 ppb v/v |
|            |          |           |               |                      |                |              | m,p-Xylene                                    | 411.2 ppb v/v |
|            |          |           |               |                      |                |              | Methyl Butyl Ketone (2-Hexanone)              | 199.8 ppb v/v |
|            |          |           |               |                      |                |              | Methyl Ethyl Ketone (2-Butanone)              | 206.8 ppb v/v |
|            |          |           |               |                      |                |              | Methyl methacrylate                           | 203.2 ppb v/v |
|            |          |           |               |                      |                |              | Methyl tert-butyl ether                       | 209 ppb v/v   |
|            |          |           |               |                      |                |              | Methylene Chloride                            | 205.6 ppb v/v |
|            |          |           |               |                      |                |              | n-Butane                                      | 207.2 ppb v/v |
|            |          |           |               |                      |                |              | n-Butanol                                     | 191 ppb v/v   |
|            |          |           |               |                      |                |              | n-Butylbenzene                                | 207.8 ppb v/v |
|            |          |           |               |                      |                |              | n-Decane                                      | 208.4 ppb v/v |
|            |          |           |               |                      |                |              | n-Heptane                                     | 210.2 ppb v/v |
|            |          |           |               |                      |                |              | n-Hexane                                      | 211.8 ppb v/v |
|            |          |           |               |                      |                |              | n-Nonane                                      | 209.6 ppb v/v |

## REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-56451-1

SDG No.: 200-56451-1

| Reagent ID          | Exp Date | Prep Date | Dilutant Used        | Reagent Final Volume | Parent Reagent      |              | Analyte                                       | Concentration |
|---------------------|----------|-----------|----------------------|----------------------|---------------------|--------------|-----------------------------------------------|---------------|
|                     |          |           |                      |                      | Reagent ID          | Volume Added |                                               |               |
|                     |          |           |                      |                      |                     |              | n-Octane                                      | 206.6 ppb v/v |
|                     |          |           |                      |                      |                     |              | n-Propylbenzene                               | 208 ppb v/v   |
|                     |          |           |                      |                      |                     |              | Naphthalene                                   | 194.4 ppb v/v |
|                     |          |           |                      |                      |                     |              | o-Xylene                                      | 207.2 ppb v/v |
|                     |          |           |                      |                      |                     |              | Pentane                                       | 202.6 ppb v/v |
|                     |          |           |                      |                      |                     |              | Propene                                       | 206.4 ppb v/v |
|                     |          |           |                      |                      |                     |              | sec-Butylbenzene                              | 209.2 ppb v/v |
|                     |          |           |                      |                      |                     |              | Styrene                                       | 206.4 ppb v/v |
|                     |          |           |                      |                      |                     |              | tert-Butyl alcohol                            | 215.6 ppb v/v |
|                     |          |           |                      |                      |                     |              | tert-Butylbenzene                             | 207.2 ppb v/v |
|                     |          |           |                      |                      |                     |              | Tetrachloroethene                             | 210 ppb v/v   |
|                     |          |           |                      |                      |                     |              | Tetrahydrofuran                               | 199.8 ppb v/v |
|                     |          |           |                      |                      |                     |              | Toluene                                       | 203.2 ppb v/v |
|                     |          |           |                      |                      |                     |              | trans-1,2-Dichloroethene                      | 204 ppb v/v   |
|                     |          |           |                      |                      |                     |              | trans-1,3-Dichloropropene                     | 197.6 ppb v/v |
|                     |          |           |                      |                      |                     |              | Trichloroethene                               | 210.6 ppb v/v |
|                     |          |           |                      |                      |                     |              | Trichlorofluoromethane                        | 211.2 ppb v/v |
|                     |          |           |                      |                      |                     |              | Undecane                                      | 209.2 ppb v/v |
|                     |          |           |                      |                      |                     |              | Vinyl acetate                                 | 207.8 ppb v/v |
|                     |          |           |                      |                      |                     |              | Vinyl chloride                                | 207.8 ppb v/v |
| ...ATTO15CALs_00042 | 12/13/21 |           | Linde, Lot CC-237336 |                      | (Purchased Reagent) |              | 1,1,1-Trichloroethane                         | 1.019 ppm v/v |
|                     |          |           |                      |                      |                     |              | 1,1,2,2-Tetrachloroethane                     | 1.034 ppm v/v |
|                     |          |           |                      |                      |                     |              | 1,1,2-Trichloroethane                         | 1.048 ppm v/v |
|                     |          |           |                      |                      |                     |              | 1,1,2-Trichlorotrifluoroethane                | 1.049 ppm v/v |
|                     |          |           |                      |                      |                     |              | 1,1-Dichloroethane                            | 1 ppm v/v     |
|                     |          |           |                      |                      |                     |              | 1,1-Dichloroethene                            | 1.028 ppm v/v |
|                     |          |           |                      |                      |                     |              | 1,2,3-Trichlorobenzene                        | 0.912 ppm v/v |
|                     |          |           |                      |                      |                     |              | 1,2,3-Trichloropropane                        | 1.059 ppm v/v |
|                     |          |           |                      |                      |                     |              | 1,2,4-Trichlorobenzene                        | 1.086 ppm v/v |
|                     |          |           |                      |                      |                     |              | 1,2,4-Trimethylbenzene                        | 1.04 ppm v/v  |
|                     |          |           |                      |                      |                     |              | 1,2-Dibromoethane                             | 1.061 ppm v/v |
|                     |          |           |                      |                      |                     |              | 1,2-Dichlorobenzene                           | 1.044 ppm v/v |
|                     |          |           |                      |                      |                     |              | 1,2-Dichloroethane                            | 1.036 ppm v/v |
|                     |          |           |                      |                      |                     |              | 1,2-Dichloropropane                           | 1.031 ppm v/v |
|                     |          |           |                      |                      |                     |              | 1,2-Dichlorotetrafluoroethane                 | 1.041 ppm v/v |
|                     |          |           |                      |                      |                     |              | 1,3,5-Trimethylbenzene                        | 1.039 ppm v/v |
|                     |          |           |                      |                      |                     |              | 1,3-Butadiene                                 | 1.012 ppm v/v |
|                     |          |           |                      |                      |                     |              | 1,3-Dichlorobenzene                           | 1.058 ppm v/v |
|                     |          |           |                      |                      |                     |              | 1,4-Dichlorobenzene                           | 1.047 ppm v/v |
|                     |          |           |                      |                      |                     |              | 1,4-Dioxane                                   | 1.058 ppm v/v |
|                     |          |           |                      |                      |                     |              | 2,2,4-Trimethylpentane                        | 1.047 ppm v/v |
|                     |          |           |                      |                      |                     |              | 2-Chlorotoluene                               | 1.044 ppm v/v |
|                     |          |           |                      |                      |                     |              | 2-Methylbutane                                | 1.044 ppm v/v |
|                     |          |           |                      |                      |                     |              | 3-Chloropropene                               | 1.065 ppm v/v |
|                     |          |           |                      |                      |                     |              | 4-Ethyltoluene                                | 1.033 ppm v/v |
|                     |          |           |                      |                      |                     |              | 4-Isopropyltoluene                            | 1.031 ppm v/v |
|                     |          |           |                      |                      |                     |              | 4-Methyl-2-pentanone (Methyl isobutyl ketone) | 1.024 ppm v/v |

## REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-56451-1

SDG No.: 200-56451-1

| Reagent ID | Exp Date | Prep Date | Dilutant Used | Reagent Final Volume | Parent Reagent |              | Analyte                          | Concentration |
|------------|----------|-----------|---------------|----------------------|----------------|--------------|----------------------------------|---------------|
|            |          |           |               |                      | Reagent ID     | Volume Added |                                  |               |
|            |          |           |               |                      |                |              | Acetone                          | 1.024 ppm v/v |
|            |          |           |               |                      |                |              | Acetonitrile                     | 0.99 ppm v/v  |
|            |          |           |               |                      |                |              | Acrolein                         | 0.972 ppm v/v |
|            |          |           |               |                      |                |              | Acrylonitrile                    | 1.011 ppm v/v |
|            |          |           |               |                      |                |              | Alpha Methyl Styrene             | 1.02 ppm v/v  |
|            |          |           |               |                      |                |              | Benzene                          | 1.033 ppm v/v |
|            |          |           |               |                      |                |              | Benzyl chloride                  | 1.058 ppm v/v |
|            |          |           |               |                      |                |              | Bromodichloromethane             | 1.057 ppm v/v |
|            |          |           |               |                      |                |              | Bromoethene (Vinyl Bromide)      | 1.042 ppm v/v |
|            |          |           |               |                      |                |              | Bromoform                        | 1.029 ppm v/v |
|            |          |           |               |                      |                |              | Bromomethane                     | 1.031 ppm v/v |
|            |          |           |               |                      |                |              | Carbon disulfide                 | 1.016 ppm v/v |
|            |          |           |               |                      |                |              | Carbon tetrachloride             | 1.016 ppm v/v |
|            |          |           |               |                      |                |              | Chlorobenzene                    | 1.049 ppm v/v |
|            |          |           |               |                      |                |              | Chlorodifluoromethane            | 1.048 ppm v/v |
|            |          |           |               |                      |                |              | Chloroethane                     | 1.039 ppm v/v |
|            |          |           |               |                      |                |              | Chloroform                       | 1.01 ppm v/v  |
|            |          |           |               |                      |                |              | Chloromethane                    | 1.092 ppm v/v |
|            |          |           |               |                      |                |              | cis-1,2-Dichloroethene           | 1.01 ppm v/v  |
|            |          |           |               |                      |                |              | cis-1,3-Dichloropropene          | 1.039 ppm v/v |
|            |          |           |               |                      |                |              | Cumene                           | 1.043 ppm v/v |
|            |          |           |               |                      |                |              | Cyclohexane                      | 1.015 ppm v/v |
|            |          |           |               |                      |                |              | Dibromochloromethane             | 0.968 ppm v/v |
|            |          |           |               |                      |                |              | Dibromomethane                   | 1.03 ppm v/v  |
|            |          |           |               |                      |                |              | Dichlorodifluoromethane          | 1.044 ppm v/v |
|            |          |           |               |                      |                |              | Dodecane                         | 0.936 ppm v/v |
|            |          |           |               |                      |                |              | Ethyl acetate                    | 1.013 ppm v/v |
|            |          |           |               |                      |                |              | Ethyl ether                      | 1.008 ppm v/v |
|            |          |           |               |                      |                |              | Ethylbenzene                     | 1.022 ppm v/v |
|            |          |           |               |                      |                |              | Hexachlorobutadiene              | 1.026 ppm v/v |
|            |          |           |               |                      |                |              | Isopropyl alcohol                | 1.022 ppm v/v |
|            |          |           |               |                      |                |              | m,p-Xylene                       | 2.056 ppm v/v |
|            |          |           |               |                      |                |              | Methyl Butyl Ketone (2-Hexanone) | 0.999 ppm v/v |
|            |          |           |               |                      |                |              | Methyl Ethyl Ketone (2-Butanone) | 1.034 ppm v/v |
|            |          |           |               |                      |                |              | Methyl methacrylate              | 1.016 ppm v/v |
|            |          |           |               |                      |                |              | Methyl tert-butyl ether          | 1.045 ppm v/v |
|            |          |           |               |                      |                |              | Methylene Chloride               | 1.028 ppm v/v |
|            |          |           |               |                      |                |              | n-Butane                         | 1.036 ppm v/v |
|            |          |           |               |                      |                |              | n-Butanol                        | 0.955 ppm v/v |
|            |          |           |               |                      |                |              | n-Butylbenzene                   | 1.039 ppm v/v |
|            |          |           |               |                      |                |              | n-Decane                         | 1.042 ppm v/v |
|            |          |           |               |                      |                |              | n-Heptane                        | 1.051 ppm v/v |
|            |          |           |               |                      |                |              | n-Hexane                         | 1.059 ppm v/v |
|            |          |           |               |                      |                |              | n-Nonane                         | 1.048 ppm v/v |
|            |          |           |               |                      |                |              | n-Octane                         | 1.033 ppm v/v |
|            |          |           |               |                      |                |              | n-Propylbenzene                  | 1.04 ppm v/v  |

## REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-56451-1

SDG No.: 200-56451-1

| Reagent ID             | Exp Date | Prep Date | Dilutant Used             | Reagent Final Volume | Parent Reagent      |              | Analyte                        | Concentration   |
|------------------------|----------|-----------|---------------------------|----------------------|---------------------|--------------|--------------------------------|-----------------|
|                        |          |           |                           |                      | Reagent ID          | Volume Added |                                |                 |
|                        |          |           |                           |                      |                     |              | Naphthalene                    | 0.972 ppm v/v   |
|                        |          |           |                           |                      |                     |              | o-Xylene                       | 1.036 ppm v/v   |
|                        |          |           |                           |                      |                     |              | Pentane                        | 1.013 ppm v/v   |
|                        |          |           |                           |                      |                     |              | Propene                        | 1.032 ppm v/v   |
|                        |          |           |                           |                      |                     |              | sec-Butylbenzene               | 1.046 ppm v/v   |
|                        |          |           |                           |                      |                     |              | Styrene                        | 1.032 ppm v/v   |
|                        |          |           |                           |                      |                     |              | tert-Butyl alcohol             | 1.078 ppm v/v   |
|                        |          |           |                           |                      |                     |              | tert-Butylbenzene              | 1.036 ppm v/v   |
|                        |          |           |                           |                      |                     |              | Tetrachloroethene              | 1.05 ppm v/v    |
|                        |          |           |                           |                      |                     |              | Tetrahydrofuran                | 0.999 ppm v/v   |
|                        |          |           |                           |                      |                     |              | Toluene                        | 1.016 ppm v/v   |
|                        |          |           |                           |                      |                     |              | trans-1,2-Dichloroethene       | 1.02 ppm v/v    |
|                        |          |           |                           |                      |                     |              | trans-1,3-Dichloropropene      | 0.988 ppm v/v   |
|                        |          |           |                           |                      |                     |              | Trichloroethene                | 1.053 ppm v/v   |
|                        |          |           |                           |                      |                     |              | Trichlorofluoromethane         | 1.056 ppm v/v   |
|                        |          |           |                           |                      |                     |              | Undecane                       | 1.046 ppm v/v   |
|                        |          |           |                           |                      |                     |              | Vinyl acetate                  | 1.039 ppm v/v   |
|                        |          |           |                           |                      |                     |              | Vinyl chloride                 | 1.039 ppm v/v   |
| ..ATTO15EthCALw_00123  | 03/14/21 | 12/14/20  | Nitrogen, Lot 12          | 37.5 ppb             | ATTO15EthCALs_00009 | 18.75 uL     | Ethanol                        | 500 ppb v/v     |
| ...ATTO15EthCALs_00009 | 09/05/21 |           | Chem Service, Lot 5301900 |                      | (Purchased Reagent) |              | Ethanol                        | 1 mL/mL         |
| .ATTO15EthCALw_00123   | 03/14/21 | 12/14/20  | Nitrogen, Lot 12          | 37.5 ppb             | ATTO15EthCALs_00009 | 18.75 uL     | Ethanol                        | 500 ppb v/v     |
| ..ATTO15EthCALs_00009  | 09/05/21 |           | Chem Service, Lot 5301900 |                      | (Purchased Reagent) |              | Ethanol                        | 1 mL/mL         |
| ATTO15CAL3w_00228      | 12/13/20 | 10/19/20  | Nitrogen, Lot 12          | 15.463 L             | ATTO15CALSTKi_00134 | 386 mL       | 1,1,1-Trichloroethane          | 5.08742 ppb v/v |
|                        |          |           |                           |                      |                     |              | 1,1,2,2-Tetrachloroethane      | 5.16231 ppb v/v |
|                        |          |           |                           |                      |                     |              | 1,1,2-Trichloroethane          | 5.23221 ppb v/v |
|                        |          |           |                           |                      |                     |              | 1,1,2-Trichlorotrifluoroethane | 5.2372 ppb v/v  |
|                        |          |           |                           |                      |                     |              | 1,1-Dichloroethane             | 4.99256 ppb v/v |
|                        |          |           |                           |                      |                     |              | 1,1-Dichloroethene             | 5.13235 ppb v/v |
|                        |          |           |                           |                      |                     |              | 1,2,3-Trichlorobenzene         | 4.55322 ppb v/v |
|                        |          |           |                           |                      |                     |              | 1,2,3-Trichloropropane         | 5.28712 ppb v/v |
|                        |          |           |                           |                      |                     |              | 1,2,4-Trichlorobenzene         | 5.42192 ppb v/v |
|                        |          |           |                           |                      |                     |              | 1,2,4-Trimethylbenzene         | 5.19227 ppb v/v |
|                        |          |           |                           |                      |                     |              | 1,2-Dibromoethane              | 5.29711 ppb v/v |
|                        |          |           |                           |                      |                     |              | 1,2-Dichlorobenzene            | 5.21224 ppb v/v |
|                        |          |           |                           |                      |                     |              | 1,2-Dichloroethane             | 5.1723 ppb v/v  |

# REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-56451-1

SDG No.: 200-56451-1

| Reagent ID | Exp Date | Prep Date | Dilutant Used | Reagent Final Volume | Parent Reagent |              | Analyte                                       | Concentration   |
|------------|----------|-----------|---------------|----------------------|----------------|--------------|-----------------------------------------------|-----------------|
|            |          |           |               |                      | Reagent ID     | Volume Added |                                               |                 |
|            |          |           |               |                      |                |              | 1,2-Dichloropropane                           | 5.14733 ppb v/v |
|            |          |           |               |                      |                |              | 1,2-Dichlorotetrafluoroethane                 | 5.19726 ppb v/v |
|            |          |           |               |                      |                |              | 1,3,5-Trimethylbenzene                        | 5.18727 ppb v/v |
|            |          |           |               |                      |                |              | 1,3-Butadiene                                 | 5.05247 ppb v/v |
|            |          |           |               |                      |                |              | 1,3-Dichlorobenzene                           | 5.28213 ppb v/v |
|            |          |           |               |                      |                |              | 1,4-Dichlorobenzene                           | 5.22721 ppb v/v |
|            |          |           |               |                      |                |              | 1,4-Dioxane                                   | 5.28213 ppb v/v |
|            |          |           |               |                      |                |              | 2,2,4-Trimethylpentane                        | 5.22721 ppb v/v |
|            |          |           |               |                      |                |              | 2-Chlorotoluene                               | 5.21224 ppb v/v |
|            |          |           |               |                      |                |              | 2-Methylbutane                                | 5.21224 ppb v/v |
|            |          |           |               |                      |                |              | 3-Chloropropene                               | 5.31708 ppb v/v |
|            |          |           |               |                      |                |              | 4-Ethyltoluene                                | 5.15732 ppb v/v |
|            |          |           |               |                      |                |              | 4-Isopropyltoluene                            | 5.14733 ppb v/v |
|            |          |           |               |                      |                |              | 4-Methyl-2-pentanone (Methyl isobutyl ketone) | 5.11238 ppb v/v |
|            |          |           |               |                      |                |              | Acetone                                       | 5.11238 ppb v/v |
|            |          |           |               |                      |                |              | Acetonitrile                                  | 4.94264 ppb v/v |
|            |          |           |               |                      |                |              | Acrolein                                      | 4.85277 ppb v/v |
|            |          |           |               |                      |                |              | Acrylonitrile                                 | 5.04748 ppb v/v |
|            |          |           |               |                      |                |              | Alpha Methyl Styrene                          | 5.09241 ppb v/v |
|            |          |           |               |                      |                |              | Benzene                                       | 5.15732 ppb v/v |
|            |          |           |               |                      |                |              | Benzyl chloride                               | 5.28213 ppb v/v |
|            |          |           |               |                      |                |              | Bromodichloromethane                          | 5.27714 ppb v/v |
|            |          |           |               |                      |                |              | Bromoethene (Vinyl Bromide)                   | 5.20225 ppb v/v |
|            |          |           |               |                      |                |              | Bromoform                                     | 5.13735 ppb v/v |
|            |          |           |               |                      |                |              | Bromomethane                                  | 5.14733 ppb v/v |

## REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-56451-1

SDG No.: 200-56451-1

| Reagent ID | Exp Date | Prep Date | Dilutant Used | Reagent Final Volume | Parent Reagent |              | Analyte                          | Concentration   |
|------------|----------|-----------|---------------|----------------------|----------------|--------------|----------------------------------|-----------------|
|            |          |           |               |                      | Reagent ID     | Volume Added |                                  |                 |
|            |          |           |               |                      |                |              | Carbon disulfide                 | 5.07244 ppb v/v |
|            |          |           |               |                      |                |              | Carbon tetrachloride             | 5.07244 ppb v/v |
|            |          |           |               |                      |                |              | Chlorobenzene                    | 5.2372 ppb v/v  |
|            |          |           |               |                      |                |              | Chlorodifluoromethane            | 5.23221 ppb v/v |
|            |          |           |               |                      |                |              | Chloroethane                     | 5.18727 ppb v/v |
|            |          |           |               |                      |                |              | Chloroform                       | 5.04249 ppb v/v |
|            |          |           |               |                      |                |              | Chloromethane                    | 5.45188 ppb v/v |
|            |          |           |               |                      |                |              | cis-1,2-Dichloroethene           | 5.04249 ppb v/v |
|            |          |           |               |                      |                |              | cis-1,3-Dichloropropene          | 5.18727 ppb v/v |
|            |          |           |               |                      |                |              | Cumene                           | 5.20724 ppb v/v |
|            |          |           |               |                      |                |              | Cyclohexane                      | 5.06745 ppb v/v |
|            |          |           |               |                      |                |              | Dibromochloromethane             | 4.8328 ppb v/v  |
|            |          |           |               |                      |                |              | Dibromomethane                   | 5.14234 ppb v/v |
|            |          |           |               |                      |                |              | Dichlorodifluoromethane          | 5.21224 ppb v/v |
|            |          |           |               |                      |                |              | Dodecane                         | 4.67304 ppb v/v |
|            |          |           |               |                      |                |              | Ethyl acetate                    | 5.05747 ppb v/v |
|            |          |           |               |                      |                |              | Ethyl ether                      | 5.0325 ppb v/v  |
|            |          |           |               |                      |                |              | Ethylbenzene                     | 5.1024 ppb v/v  |
|            |          |           |               |                      |                |              | Hexachlorobutadiene              | 5.12237 ppb v/v |
|            |          |           |               |                      |                |              | Isopropyl alcohol                | 5.1024 ppb v/v  |
|            |          |           |               |                      |                |              | m,p-Xylene                       | 10.2647 ppb v/v |
|            |          |           |               |                      |                |              | Methyl Butyl Ketone (2-Hexanone) | 4.98757 ppb v/v |
|            |          |           |               |                      |                |              | Methyl Ethyl Ketone (2-Butanone) | 5.16231 ppb v/v |
|            |          |           |               |                      |                |              | Methyl methacrylate              | 5.07244 ppb v/v |
|            |          |           |               |                      |                |              | Methyl tert-butyl ether          | 5.21723 ppb v/v |



## REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-56451-1SDG No.: 200-56451-1

| Reagent ID | Exp Date | Prep Date | Dilutant Used | Reagent Final Volume | Parent Reagent |              | Analyte                   | Concentration   |
|------------|----------|-----------|---------------|----------------------|----------------|--------------|---------------------------|-----------------|
|            |          |           |               |                      | Reagent ID     | Volume Added |                           |                 |
|            |          |           |               |                      |                |              | Methylene Chloride        | 5.13235 ppb v/v |
|            |          |           |               |                      |                |              | n-Butane                  | 5.1723 ppb v/v  |
|            |          |           |               |                      |                |              | n-Butanol                 | 4.7679 ppb v/v  |
|            |          |           |               |                      |                |              | n-Butylbenzene            | 5.18727 ppb v/v |
|            |          |           |               |                      |                |              | n-Decane                  | 5.20225 ppb v/v |
|            |          |           |               |                      |                |              | n-Heptane                 | 5.24718 ppb v/v |
|            |          |           |               |                      |                |              | n-Hexane                  | 5.28712 ppb v/v |
|            |          |           |               |                      |                |              | n-Nonane                  | 5.23221 ppb v/v |
|            |          |           |               |                      |                |              | n-Octane                  | 5.15732 ppb v/v |
|            |          |           |               |                      |                |              | n-Propylbenzene           | 5.19227 ppb v/v |
|            |          |           |               |                      |                |              | Naphthalene               | 4.85277 ppb v/v |
|            |          |           |               |                      |                |              | o-Xylene                  | 5.1723 ppb v/v  |
|            |          |           |               |                      |                |              | Pentane                   | 5.05747 ppb v/v |
|            |          |           |               |                      |                |              | Propene                   | 5.15232 ppb v/v |
|            |          |           |               |                      |                |              | sec-Butylbenzene          | 5.22222 ppb v/v |
|            |          |           |               |                      |                |              | Styrene                   | 5.15232 ppb v/v |
|            |          |           |               |                      |                |              | tert-Butyl alcohol        | 5.38198 ppb v/v |
|            |          |           |               |                      |                |              | tert-Butylbenzene         | 5.1723 ppb v/v  |
|            |          |           |               |                      |                |              | Tetrachloroethene         | 5.24219 ppb v/v |
|            |          |           |               |                      |                |              | Tetrahydrofuran           | 4.98757 ppb v/v |
|            |          |           |               |                      |                |              | Toluene                   | 5.07244 ppb v/v |
|            |          |           |               |                      |                |              | trans-1,2-Dichloroethene  | 5.09241 ppb v/v |
|            |          |           |               |                      |                |              | trans-1,3-Dichloropropene | 4.93265 ppb v/v |
|            |          |           |               |                      |                |              | Trichloroethene           | 5.25717 ppb v/v |
|            |          |           |               |                      |                |              | Trichlorofluoromethane    | 5.27215 ppb v/v |

## REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-56451-1

SDG No.: 200-56451-1

| Reagent ID           | Exp Date | Prep Date | Dilutant Used    | Reagent Final Volume | Parent Reagent      |              | Analyte                                       | Concentration   |
|----------------------|----------|-----------|------------------|----------------------|---------------------|--------------|-----------------------------------------------|-----------------|
|                      |          |           |                  |                      | Reagent ID          | Volume Added |                                               |                 |
|                      |          |           |                  |                      |                     |              | Undecane                                      | 5.22222 ppb v/v |
|                      |          |           |                  |                      |                     |              | Vinyl acetate                                 | 5.18727 ppb v/v |
|                      |          |           |                  |                      |                     |              | Vinyl chloride                                | 5.18727 ppb v/v |
|                      |          |           |                  |                      | ATTO15EthCALw_00121 | 309 mL       | Ethanol                                       | 9.99159 ppb v/v |
| .ATTO15CALSTKi_00134 | 12/13/20 | 10/16/20  | Nitrogen, Lot 13 | 15 L                 | ATTO15CALs_00039    | 3000 mL      | 1,1,1-Trichloroethane                         | 203.8 ppb v/v   |
|                      |          |           |                  |                      |                     |              | 1,1,2,2-Tetrachloroethane                     | 206.8 ppb v/v   |
|                      |          |           |                  |                      |                     |              | 1,1,2-Trichloroethane                         | 209.6 ppb v/v   |
|                      |          |           |                  |                      |                     |              | 1,1,2-Trichlorotrifluoroethane                | 209.8 ppb v/v   |
|                      |          |           |                  |                      |                     |              | 1,1-Dichloroethane                            | 200 ppb v/v     |
|                      |          |           |                  |                      |                     |              | 1,1-Dichloroethene                            | 205.6 ppb v/v   |
|                      |          |           |                  |                      |                     |              | 1,2,3-Trichlorobenzene                        | 182.4 ppb v/v   |
|                      |          |           |                  |                      |                     |              | 1,2,3-Trichloropropane                        | 211.8 ppb v/v   |
|                      |          |           |                  |                      |                     |              | 1,2,4-Trichlorobenzene                        | 217.2 ppb v/v   |
|                      |          |           |                  |                      |                     |              | 1,2,4-Trimethylbenzene                        | 208 ppb v/v     |
|                      |          |           |                  |                      |                     |              | 1,2-Dibromoethane                             | 212.2 ppb v/v   |
|                      |          |           |                  |                      |                     |              | 1,2-Dichlorobenzene                           | 208.8 ppb v/v   |
|                      |          |           |                  |                      |                     |              | 1,2-Dichloroethane                            | 207.2 ppb v/v   |
|                      |          |           |                  |                      |                     |              | 1,2-Dichloropropane                           | 206.2 ppb v/v   |
|                      |          |           |                  |                      |                     |              | 1,2-Dichlorotetrafluoroethane                 | 208.2 ppb v/v   |
|                      |          |           |                  |                      |                     |              | 1,3,5-Trimethylbenzene                        | 207.8 ppb v/v   |
|                      |          |           |                  |                      |                     |              | 1,3-Butadiene                                 | 202.4 ppb v/v   |
|                      |          |           |                  |                      |                     |              | 1,3-Dichlorobenzene                           | 211.6 ppb v/v   |
|                      |          |           |                  |                      |                     |              | 1,4-Dichlorobenzene                           | 209.4 ppb v/v   |
|                      |          |           |                  |                      |                     |              | 1,4-Dioxane                                   | 211.6 ppb v/v   |
|                      |          |           |                  |                      |                     |              | 2,2,4-Trimethylpentane                        | 209.4 ppb v/v   |
|                      |          |           |                  |                      |                     |              | 2-Chlorotoluene                               | 208.8 ppb v/v   |
|                      |          |           |                  |                      |                     |              | 2-Methylbutane                                | 208.8 ppb v/v   |
|                      |          |           |                  |                      |                     |              | 3-Chloropropene                               | 213 ppb v/v     |
|                      |          |           |                  |                      |                     |              | 4-Ethyltoluene                                | 206.6 ppb v/v   |
|                      |          |           |                  |                      |                     |              | 4-Isopropyltoluene                            | 206.2 ppb v/v   |
|                      |          |           |                  |                      |                     |              | 4-Methyl-2-pentanone (Methyl isobutyl ketone) | 204.8 ppb v/v   |
|                      |          |           |                  |                      |                     |              | Acetone                                       | 204.8 ppb v/v   |
|                      |          |           |                  |                      |                     |              | Acetonitrile                                  | 198 ppb v/v     |
|                      |          |           |                  |                      |                     |              | Acrolein                                      | 194.4 ppb v/v   |
|                      |          |           |                  |                      |                     |              | Acrylonitrile                                 | 202.2 ppb v/v   |
|                      |          |           |                  |                      |                     |              | Alpha Methyl Styrene                          | 204 ppb v/v     |
|                      |          |           |                  |                      |                     |              | Benzene                                       | 206.6 ppb v/v   |
|                      |          |           |                  |                      |                     |              | Benzyl chloride                               | 211.6 ppb v/v   |
|                      |          |           |                  |                      |                     |              | Bromodichloromethane                          | 211.4 ppb v/v   |
|                      |          |           |                  |                      |                     |              | Bromoethene (Vinyl Bromide)                   | 208.4 ppb v/v   |
|                      |          |           |                  |                      |                     |              | Bromoform                                     | 205.8 ppb v/v   |
|                      |          |           |                  |                      |                     |              | Bromomethane                                  | 206.2 ppb v/v   |
|                      |          |           |                  |                      |                     |              | Carbon disulfide                              | 203.2 ppb v/v   |

## REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-56451-1

SDG No.: 200-56451-1

| Reagent ID | Exp Date | Prep Date | Dilutant Used | Reagent Final Volume | Parent Reagent |              | Analyte                          | Concentration |
|------------|----------|-----------|---------------|----------------------|----------------|--------------|----------------------------------|---------------|
|            |          |           |               |                      | Reagent ID     | Volume Added |                                  |               |
|            |          |           |               |                      |                |              | Carbon tetrachloride             | 203.2 ppb v/v |
|            |          |           |               |                      |                |              | Chlorobenzene                    | 209.8 ppb v/v |
|            |          |           |               |                      |                |              | Chlorodifluoromethane            | 209.6 ppb v/v |
|            |          |           |               |                      |                |              | Chloroethane                     | 207.8 ppb v/v |
|            |          |           |               |                      |                |              | Chloroform                       | 202 ppb v/v   |
|            |          |           |               |                      |                |              | Chloromethane                    | 218.4 ppb v/v |
|            |          |           |               |                      |                |              | cis-1,2-Dichloroethene           | 202 ppb v/v   |
|            |          |           |               |                      |                |              | cis-1,3-Dichloropropene          | 207.8 ppb v/v |
|            |          |           |               |                      |                |              | Cumene                           | 208.6 ppb v/v |
|            |          |           |               |                      |                |              | Cyclohexane                      | 203 ppb v/v   |
|            |          |           |               |                      |                |              | Dibromochloromethane             | 193.6 ppb v/v |
|            |          |           |               |                      |                |              | Dibromomethane                   | 206 ppb v/v   |
|            |          |           |               |                      |                |              | Dichlorodifluoromethane          | 208.8 ppb v/v |
|            |          |           |               |                      |                |              | Dodecane                         | 187.2 ppb v/v |
|            |          |           |               |                      |                |              | Ethyl acetate                    | 202.6 ppb v/v |
|            |          |           |               |                      |                |              | Ethyl ether                      | 201.6 ppb v/v |
|            |          |           |               |                      |                |              | Ethylbenzene                     | 204.4 ppb v/v |
|            |          |           |               |                      |                |              | Hexachlorobutadiene              | 205.2 ppb v/v |
|            |          |           |               |                      |                |              | Isopropyl alcohol                | 204.4 ppb v/v |
|            |          |           |               |                      |                |              | m,p-Xylene                       | 411.2 ppb v/v |
|            |          |           |               |                      |                |              | Methyl Butyl Ketone (2-Hexanone) | 199.8 ppb v/v |
|            |          |           |               |                      |                |              | Methyl Ethyl Ketone (2-Butanone) | 206.8 ppb v/v |
|            |          |           |               |                      |                |              | Methyl methacrylate              | 203.2 ppb v/v |
|            |          |           |               |                      |                |              | Methyl tert-butyl ether          | 209 ppb v/v   |
|            |          |           |               |                      |                |              | Methylene Chloride               | 205.6 ppb v/v |
|            |          |           |               |                      |                |              | n-Butane                         | 207.2 ppb v/v |
|            |          |           |               |                      |                |              | n-Butanol                        | 191 ppb v/v   |
|            |          |           |               |                      |                |              | n-Butylbenzene                   | 207.8 ppb v/v |
|            |          |           |               |                      |                |              | n-Decane                         | 208.4 ppb v/v |
|            |          |           |               |                      |                |              | n-Heptane                        | 210.2 ppb v/v |
|            |          |           |               |                      |                |              | n-Hexane                         | 211.8 ppb v/v |
|            |          |           |               |                      |                |              | n-Nonane                         | 209.6 ppb v/v |
|            |          |           |               |                      |                |              | n-Octane                         | 206.6 ppb v/v |
|            |          |           |               |                      |                |              | n-Propylbenzene                  | 208 ppb v/v   |
|            |          |           |               |                      |                |              | Naphthalene                      | 194.4 ppb v/v |
|            |          |           |               |                      |                |              | o-Xylene                         | 207.2 ppb v/v |
|            |          |           |               |                      |                |              | Pentane                          | 202.6 ppb v/v |
|            |          |           |               |                      |                |              | Propene                          | 206.4 ppb v/v |
|            |          |           |               |                      |                |              | sec-Butylbenzene                 | 209.2 ppb v/v |
|            |          |           |               |                      |                |              | Styrene                          | 206.4 ppb v/v |
|            |          |           |               |                      |                |              | tert-Butyl alcohol               | 215.6 ppb v/v |
|            |          |           |               |                      |                |              | tert-Butylbenzene                | 207.2 ppb v/v |
|            |          |           |               |                      |                |              | Tetrachloroethene                | 210 ppb v/v   |
|            |          |           |               |                      |                |              | Tetrahydrofuran                  | 199.8 ppb v/v |
|            |          |           |               |                      |                |              | Toluene                          | 203.2 ppb v/v |
|            |          |           |               |                      |                |              | trans-1,2-Dichloroethene         | 204 ppb v/v   |

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins TestAmerica, Burlington      Job No.: 200-56451-1

SDG No.: 200-56451-1

| Reagent ID         | Exp Date | Prep Date | Dilutant Used        | Reagent Final Volume | Parent Reagent      |              | Analyte                                       | Concentration |
|--------------------|----------|-----------|----------------------|----------------------|---------------------|--------------|-----------------------------------------------|---------------|
|                    |          |           |                      |                      | Reagent ID          | Volume Added |                                               |               |
|                    |          |           |                      |                      |                     |              | trans-1,3-Dichloropropene                     | 197.6 ppb v/v |
|                    |          |           |                      |                      |                     |              | Trichloroethene                               | 210.6 ppb v/v |
|                    |          |           |                      |                      |                     |              | Trichlorofluoromethane                        | 211.2 ppb v/v |
|                    |          |           |                      |                      |                     |              | Undecane                                      | 209.2 ppb v/v |
|                    |          |           |                      |                      |                     |              | Vinyl acetate                                 | 207.8 ppb v/v |
|                    |          |           |                      |                      |                     |              | Vinyl chloride                                | 207.8 ppb v/v |
| ..ATTO15CALs_00039 | 12/13/20 |           | Linde, Lot CC-237336 |                      | (Purchased Reagent) |              | 1,1,1-Trichloroethane                         | 1.019 ppm v/v |
|                    |          |           |                      |                      |                     |              | 1,1,2,2-Tetrachloroethane                     | 1.034 ppm v/v |
|                    |          |           |                      |                      |                     |              | 1,1,2-Trichloroethane                         | 1.048 ppm v/v |
|                    |          |           |                      |                      |                     |              | 1,1,2-Trichlorotrifluoroethane                | 1.049 ppm v/v |
|                    |          |           |                      |                      |                     |              | 1,1-Dichloroethane                            | 1 ppm v/v     |
|                    |          |           |                      |                      |                     |              | 1,1-Dichloroethene                            | 1.028 ppm v/v |
|                    |          |           |                      |                      |                     |              | 1,2,3-Trichlorobenzene                        | 0.912 ppm v/v |
|                    |          |           |                      |                      |                     |              | 1,2,3-Trichloropropane                        | 1.059 ppm v/v |
|                    |          |           |                      |                      |                     |              | 1,2,4-Trichlorobenzene                        | 1.086 ppm v/v |
|                    |          |           |                      |                      |                     |              | 1,2,4-Trimethylbenzene                        | 1.04 ppm v/v  |
|                    |          |           |                      |                      |                     |              | 1,2-Dibromoethane                             | 1.061 ppm v/v |
|                    |          |           |                      |                      |                     |              | 1,2-Dichlorobenzene                           | 1.044 ppm v/v |
|                    |          |           |                      |                      |                     |              | 1,2-Dichloroethane                            | 1.036 ppm v/v |
|                    |          |           |                      |                      |                     |              | 1,2-Dichloropropane                           | 1.031 ppm v/v |
|                    |          |           |                      |                      |                     |              | 1,2-Dichlorotetrafluoroethane                 | 1.041 ppm v/v |
|                    |          |           |                      |                      |                     |              | 1,3,5-Trimethylbenzene                        | 1.039 ppm v/v |
|                    |          |           |                      |                      |                     |              | 1,3-Butadiene                                 | 1.012 ppm v/v |
|                    |          |           |                      |                      |                     |              | 1,3-Dichlorobenzene                           | 1.058 ppm v/v |
|                    |          |           |                      |                      |                     |              | 1,4-Dichlorobenzene                           | 1.047 ppm v/v |
|                    |          |           |                      |                      |                     |              | 1,4-Dioxane                                   | 1.058 ppm v/v |
|                    |          |           |                      |                      |                     |              | 2,2,4-Trimethylpentane                        | 1.047 ppm v/v |
|                    |          |           |                      |                      |                     |              | 2-Chlorotoluene                               | 1.044 ppm v/v |
|                    |          |           |                      |                      |                     |              | 2-Methylbutane                                | 1.044 ppm v/v |
|                    |          |           |                      |                      |                     |              | 3-Chloropropene                               | 1.065 ppm v/v |
|                    |          |           |                      |                      |                     |              | 4-Ethyltoluene                                | 1.033 ppm v/v |
|                    |          |           |                      |                      |                     |              | 4-Isopropyltoluene                            | 1.031 ppm v/v |
|                    |          |           |                      |                      |                     |              | 4-Methyl-2-pentanone (Methyl isobutyl ketone) | 1.024 ppm v/v |
|                    |          |           |                      |                      |                     |              | Acetone                                       | 1.024 ppm v/v |
|                    |          |           |                      |                      |                     |              | Acetonitrile                                  | 0.99 ppm v/v  |
|                    |          |           |                      |                      |                     |              | Acrolein                                      | 0.972 ppm v/v |
|                    |          |           |                      |                      |                     |              | Acrylonitrile                                 | 1.011 ppm v/v |
|                    |          |           |                      |                      |                     |              | Alpha Methyl Styrene                          | 1.02 ppm v/v  |
|                    |          |           |                      |                      |                     |              | Benzene                                       | 1.033 ppm v/v |
|                    |          |           |                      |                      |                     |              | Benzyl chloride                               | 1.058 ppm v/v |
|                    |          |           |                      |                      |                     |              | Bromodichloromethane                          | 1.057 ppm v/v |
|                    |          |           |                      |                      |                     |              | Bromoethene (Vinyl Bromide)                   | 1.042 ppm v/v |
|                    |          |           |                      |                      |                     |              | Bromoform                                     | 1.029 ppm v/v |
|                    |          |           |                      |                      |                     |              | Bromomethane                                  | 1.031 ppm v/v |
|                    |          |           |                      |                      |                     |              | Carbon disulfide                              | 1.016 ppm v/v |
|                    |          |           |                      |                      |                     |              | Carbon tetrachloride                          | 1.016 ppm v/v |
|                    |          |           |                      |                      |                     |              | Chlorobenzene                                 | 1.049 ppm v/v |

# REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-56451-1

SDG No.: 200-56451-1

| Reagent ID | Exp Date | Prep Date | Dilutant Used | Reagent Final Volume | Parent Reagent |              | Analyte                          | Concentration |
|------------|----------|-----------|---------------|----------------------|----------------|--------------|----------------------------------|---------------|
|            |          |           |               |                      | Reagent ID     | Volume Added |                                  |               |
|            |          |           |               |                      |                |              | Chlorodifluoromethane            | 1.048 ppm v/v |
|            |          |           |               |                      |                |              | Chloroethane                     | 1.039 ppm v/v |
|            |          |           |               |                      |                |              | Chloroform                       | 1.01 ppm v/v  |
|            |          |           |               |                      |                |              | Chloromethane                    | 1.092 ppm v/v |
|            |          |           |               |                      |                |              | cis-1,2-Dichloroethene           | 1.01 ppm v/v  |
|            |          |           |               |                      |                |              | cis-1,3-Dichloropropene          | 1.039 ppm v/v |
|            |          |           |               |                      |                |              | Cumene                           | 1.043 ppm v/v |
|            |          |           |               |                      |                |              | Cyclohexane                      | 1.015 ppm v/v |
|            |          |           |               |                      |                |              | Dibromochloromethane             | 0.968 ppm v/v |
|            |          |           |               |                      |                |              | Dibromomethane                   | 1.03 ppm v/v  |
|            |          |           |               |                      |                |              | Dichlorodifluoromethane          | 1.044 ppm v/v |
|            |          |           |               |                      |                |              | Dodecane                         | 0.936 ppm v/v |
|            |          |           |               |                      |                |              | Ethyl acetate                    | 1.013 ppm v/v |
|            |          |           |               |                      |                |              | Ethyl ether                      | 1.008 ppm v/v |
|            |          |           |               |                      |                |              | Ethylbenzene                     | 1.022 ppm v/v |
|            |          |           |               |                      |                |              | Hexachlorobutadiene              | 1.026 ppm v/v |
|            |          |           |               |                      |                |              | Isopropyl alcohol                | 1.022 ppm v/v |
|            |          |           |               |                      |                |              | m,p-Xylene                       | 2.056 ppm v/v |
|            |          |           |               |                      |                |              | Methyl Butyl Ketone (2-Hexanone) | 0.999 ppm v/v |
|            |          |           |               |                      |                |              | Methyl Ethyl Ketone (2-Butanone) | 1.034 ppm v/v |
|            |          |           |               |                      |                |              | Methyl methacrylate              | 1.016 ppm v/v |
|            |          |           |               |                      |                |              | Methyl tert-butyl ether          | 1.045 ppm v/v |
|            |          |           |               |                      |                |              | Methylene Chloride               | 1.028 ppm v/v |
|            |          |           |               |                      |                |              | n-Butane                         | 1.036 ppm v/v |
|            |          |           |               |                      |                |              | n-Butanol                        | 0.955 ppm v/v |
|            |          |           |               |                      |                |              | n-Butylbenzene                   | 1.039 ppm v/v |
|            |          |           |               |                      |                |              | n-Decane                         | 1.042 ppm v/v |
|            |          |           |               |                      |                |              | n-Heptane                        | 1.051 ppm v/v |
|            |          |           |               |                      |                |              | n-Hexane                         | 1.059 ppm v/v |
|            |          |           |               |                      |                |              | n-Nonane                         | 1.048 ppm v/v |
|            |          |           |               |                      |                |              | n-Octane                         | 1.033 ppm v/v |
|            |          |           |               |                      |                |              | n-Propylbenzene                  | 1.04 ppm v/v  |
|            |          |           |               |                      |                |              | Naphthalene                      | 0.972 ppm v/v |
|            |          |           |               |                      |                |              | o-Xylene                         | 1.036 ppm v/v |
|            |          |           |               |                      |                |              | Pentane                          | 1.013 ppm v/v |
|            |          |           |               |                      |                |              | Propene                          | 1.032 ppm v/v |
|            |          |           |               |                      |                |              | sec-Butylbenzene                 | 1.046 ppm v/v |
|            |          |           |               |                      |                |              | Styrene                          | 1.032 ppm v/v |
|            |          |           |               |                      |                |              | tert-Butyl alcohol               | 1.078 ppm v/v |
|            |          |           |               |                      |                |              | tert-Butylbenzene                | 1.036 ppm v/v |
|            |          |           |               |                      |                |              | Tetrachloroethene                | 1.05 ppm v/v  |
|            |          |           |               |                      |                |              | Tetrahydrofuran                  | 0.999 ppm v/v |
|            |          |           |               |                      |                |              | Toluene                          | 1.016 ppm v/v |
|            |          |           |               |                      |                |              | trans-1,2-Dichloroethene         | 1.02 ppm v/v  |
|            |          |           |               |                      |                |              | trans-1,3-Dichloropropene        | 0.988 ppm v/v |
|            |          |           |               |                      |                |              | Trichloroethene                  | 1.053 ppm v/v |

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins TestAmerica, Burlington      Job No.: 200-56451-1

SDG No.: 200-56451-1

| Reagent ID               | Exp Date | Prep Date | Dilutant Used             | Reagent Final Volume | Parent Reagent      |              | Analyte                        | Concentration   |
|--------------------------|----------|-----------|---------------------------|----------------------|---------------------|--------------|--------------------------------|-----------------|
|                          |          |           |                           |                      | Reagent ID          | Volume Added |                                |                 |
|                          |          |           |                           |                      |                     |              | Trichlorofluoromethane         | 1.056 ppm v/v   |
|                          |          |           |                           |                      |                     |              | Undecane                       | 1.046 ppm v/v   |
|                          |          |           |                           |                      |                     |              | Vinyl acetate                  | 1.039 ppm v/v   |
|                          |          |           |                           |                      |                     |              | Vinyl chloride                 | 1.039 ppm v/v   |
| .ATTO15EthCALw_00121     | 12/30/20 | 10/16/20  | Nitrogen, Lot 12          | 37.5 ppb             | ATTO15EthCALs_00009 | 18.75 uL     | Ethanol                        | 500 ppb v/v     |
| ..ATTO15EthCALs_00009    | 09/05/21 |           | Chem Service, Lot 5301900 |                      | (Purchased Reagent) |              | Ethanol                        | 1 mL/mL         |
| <b>ATTO15CAL3w_00230</b> | 03/14/21 | 12/14/20  | Nitrogen, Lot 12          | 15.463 L             | ATTO15CALSTKi_00137 | 386 mL       | 1,1,1-Trichloroethane          | 5.08742 ppb v/v |
|                          |          |           |                           |                      |                     |              | 1,1,2,2-Tetrachloroethane      | 5.16231 ppb v/v |
|                          |          |           |                           |                      |                     |              | 1,1,2-Trichloroethane          | 5.23221 ppb v/v |
|                          |          |           |                           |                      |                     |              | 1,1,2-Trichlorotrifluoroethane | 5.2372 ppb v/v  |
|                          |          |           |                           |                      |                     |              | 1,1-Dichloroethane             | 4.99256 ppb v/v |
|                          |          |           |                           |                      |                     |              | 1,1-Dichloroethene             | 5.13235 ppb v/v |
|                          |          |           |                           |                      |                     |              | 1,2,3-Trichlorobenzene         | 4.55322 ppb v/v |
|                          |          |           |                           |                      |                     |              | 1,2,3-Trichloropropane         | 5.28712 ppb v/v |
|                          |          |           |                           |                      |                     |              | 1,2,4-Trichlorobenzene         | 5.42192 ppb v/v |
|                          |          |           |                           |                      |                     |              | 1,2,4-Trimethylbenzene         | 5.19227 ppb v/v |
|                          |          |           |                           |                      |                     |              | 1,2-Dibromoethane              | 5.29711 ppb v/v |
|                          |          |           |                           |                      |                     |              | 1,2-Dichlorobenzene            | 5.21224 ppb v/v |
|                          |          |           |                           |                      |                     |              | 1,2-Dichloroethane             | 5.1723 ppb v/v  |
|                          |          |           |                           |                      |                     |              | 1,2-Dichloropropane            | 5.14733 ppb v/v |
|                          |          |           |                           |                      |                     |              | 1,2-Dichlorotetrafluoroethane  | 5.19726 ppb v/v |
|                          |          |           |                           |                      |                     |              | 1,3,5-Trimethylbenzene         | 5.18727 ppb v/v |
|                          |          |           |                           |                      |                     |              | 1,3-Butadiene                  | 5.05247 ppb v/v |
|                          |          |           |                           |                      |                     |              | 1,3-Dichlorobenzene            | 5.28213 ppb v/v |
|                          |          |           |                           |                      |                     |              | 1,4-Dichlorobenzene            | 5.22721 ppb v/v |
|                          |          |           |                           |                      |                     |              | 1,4-Dioxane                    | 5.28213 ppb v/v |
|                          |          |           |                           |                      |                     |              | 2,2,4-Trimethylpentane         | 5.22721 ppb v/v |
|                          |          |           |                           |                      |                     |              | 2-Chlorotoluene                | 5.21224 ppb v/v |

# REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-56451-1

SDG No.: 200-56451-1

| Reagent ID | Exp Date | Prep Date | Dilutant Used | Reagent Final Volume | Parent Reagent |              | Analyte                                       | Concentration   |
|------------|----------|-----------|---------------|----------------------|----------------|--------------|-----------------------------------------------|-----------------|
|            |          |           |               |                      | Reagent ID     | Volume Added |                                               |                 |
|            |          |           |               |                      |                |              | 2-Methylbutane                                | 5.21224 ppb v/v |
|            |          |           |               |                      |                |              | 3-Chloropropene                               | 5.31708 ppb v/v |
|            |          |           |               |                      |                |              | 4-Ethyltoluene                                | 5.15732 ppb v/v |
|            |          |           |               |                      |                |              | 4-Isopropyltoluene                            | 5.14733 ppb v/v |
|            |          |           |               |                      |                |              | 4-Methyl-2-pentanone (Methyl isobutyl ketone) | 5.11238 ppb v/v |
|            |          |           |               |                      |                |              | Acetone                                       | 5.11238 ppb v/v |
|            |          |           |               |                      |                |              | Acetonitrile                                  | 4.94264 ppb v/v |
|            |          |           |               |                      |                |              | Acrolein                                      | 4.85277 ppb v/v |
|            |          |           |               |                      |                |              | Acrylonitrile                                 | 5.04748 ppb v/v |
|            |          |           |               |                      |                |              | Alpha Methyl Styrene                          | 5.09241 ppb v/v |
|            |          |           |               |                      |                |              | Benzene                                       | 5.15732 ppb v/v |
|            |          |           |               |                      |                |              | Benzyl chloride                               | 5.28213 ppb v/v |
|            |          |           |               |                      |                |              | Bromodichloromethane                          | 5.27714 ppb v/v |
|            |          |           |               |                      |                |              | Bromoethene (Vinyl Bromide)                   | 5.20225 ppb v/v |
|            |          |           |               |                      |                |              | Bromoform                                     | 5.13735 ppb v/v |
|            |          |           |               |                      |                |              | Bromomethane                                  | 5.14733 ppb v/v |
|            |          |           |               |                      |                |              | Carbon disulfide                              | 5.07244 ppb v/v |
|            |          |           |               |                      |                |              | Carbon tetrachloride                          | 5.07244 ppb v/v |
|            |          |           |               |                      |                |              | Chlorobenzene                                 | 5.2372 ppb v/v  |
|            |          |           |               |                      |                |              | Chlorodifluoromethane                         | 5.23221 ppb v/v |
|            |          |           |               |                      |                |              | Chloroethane                                  | 5.18727 ppb v/v |
|            |          |           |               |                      |                |              | Chloroform                                    | 5.04249 ppb v/v |
|            |          |           |               |                      |                |              | Chloromethane                                 | 5.45188 ppb v/v |
|            |          |           |               |                      |                |              | cis-1,2-Dichloroethene                        | 5.04249 ppb v/v |
|            |          |           |               |                      |                |              | cis-1,3-Dichloropropene                       | 5.18727 ppb v/v |

## REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-56451-1

SDG No.: 200-56451-1

| Reagent ID | Exp Date | Prep Date | Dilutant Used | Reagent Final Volume | Parent Reagent |              | Analyte                          | Concentration   |
|------------|----------|-----------|---------------|----------------------|----------------|--------------|----------------------------------|-----------------|
|            |          |           |               |                      | Reagent ID     | Volume Added |                                  |                 |
|            |          |           |               |                      |                |              | Cumene                           | 5.20724 ppb v/v |
|            |          |           |               |                      |                |              | Cyclohexane                      | 5.06745 ppb v/v |
|            |          |           |               |                      |                |              | Dibromochloromethane             | 4.8328 ppb v/v  |
|            |          |           |               |                      |                |              | Dibromomethane                   | 5.14234 ppb v/v |
|            |          |           |               |                      |                |              | Dichlorodifluoromethane          | 5.21224 ppb v/v |
|            |          |           |               |                      |                |              | Dodecane                         | 4.67304 ppb v/v |
|            |          |           |               |                      |                |              | Ethyl acetate                    | 5.05747 ppb v/v |
|            |          |           |               |                      |                |              | Ethyl ether                      | 5.0325 ppb v/v  |
|            |          |           |               |                      |                |              | Ethylbenzene                     | 5.1024 ppb v/v  |
|            |          |           |               |                      |                |              | Hexachlorobutadiene              | 5.12237 ppb v/v |
|            |          |           |               |                      |                |              | Isopropyl alcohol                | 5.1024 ppb v/v  |
|            |          |           |               |                      |                |              | m,p-Xylene                       | 10.2647 ppb v/v |
|            |          |           |               |                      |                |              | Methyl Butyl Ketone (2-Hexanone) | 4.98757 ppb v/v |
|            |          |           |               |                      |                |              | Methyl Ethyl Ketone (2-Butanone) | 5.16231 ppb v/v |
|            |          |           |               |                      |                |              | Methyl methacrylate              | 5.07244 ppb v/v |
|            |          |           |               |                      |                |              | Methyl tert-butyl ether          | 5.21723 ppb v/v |
|            |          |           |               |                      |                |              | Methylene Chloride               | 5.13235 ppb v/v |
|            |          |           |               |                      |                |              | n-Butane                         | 5.1723 ppb v/v  |
|            |          |           |               |                      |                |              | n-Butanol                        | 4.7679 ppb v/v  |
|            |          |           |               |                      |                |              | n-Butylbenzene                   | 5.18727 ppb v/v |
|            |          |           |               |                      |                |              | n-Decane                         | 5.20225 ppb v/v |
|            |          |           |               |                      |                |              | n-Heptane                        | 5.24718 ppb v/v |
|            |          |           |               |                      |                |              | n-Hexane                         | 5.28712 ppb v/v |
|            |          |           |               |                      |                |              | n-Nonane                         | 5.23221 ppb v/v |
|            |          |           |               |                      |                |              | n-Octane                         | 5.15732 ppb v/v |



## REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-56451-1

SDG No.: 200-56451-1

| Reagent ID           | Exp Date | Prep Date | Dilutant Used    | Reagent Final Volume | Parent Reagent      |              | Analyte                        | Concentration   |
|----------------------|----------|-----------|------------------|----------------------|---------------------|--------------|--------------------------------|-----------------|
|                      |          |           |                  |                      | Reagent ID          | Volume Added |                                |                 |
|                      |          |           |                  |                      |                     |              | n-Propylbenzene                | 5.19227 ppb v/v |
|                      |          |           |                  |                      |                     |              | Naphthalene                    | 4.85277 ppb v/v |
|                      |          |           |                  |                      |                     |              | o-Xylene                       | 5.1723 ppb v/v  |
|                      |          |           |                  |                      |                     |              | Pentane                        | 5.05747 ppb v/v |
|                      |          |           |                  |                      |                     |              | Propene                        | 5.15232 ppb v/v |
|                      |          |           |                  |                      |                     |              | sec-Butylbenzene               | 5.22222 ppb v/v |
|                      |          |           |                  |                      |                     |              | Styrene                        | 5.15232 ppb v/v |
|                      |          |           |                  |                      |                     |              | tert-Butyl alcohol             | 5.38198 ppb v/v |
|                      |          |           |                  |                      |                     |              | tert-Butylbenzene              | 5.1723 ppb v/v  |
|                      |          |           |                  |                      |                     |              | Tetrachloroethene              | 5.24219 ppb v/v |
|                      |          |           |                  |                      |                     |              | Tetrahydrofuran                | 4.98757 ppb v/v |
|                      |          |           |                  |                      |                     |              | Toluene                        | 5.07244 ppb v/v |
|                      |          |           |                  |                      |                     |              | trans-1,2-Dichloroethene       | 5.09241 ppb v/v |
|                      |          |           |                  |                      |                     |              | trans-1,3-Dichloropropene      | 4.93265 ppb v/v |
|                      |          |           |                  |                      |                     |              | Trichloroethene                | 5.25717 ppb v/v |
|                      |          |           |                  |                      |                     |              | Trichlorofluoromethane         | 5.27215 ppb v/v |
|                      |          |           |                  |                      |                     |              | Undecane                       | 5.22222 ppb v/v |
|                      |          |           |                  |                      |                     |              | Vinyl acetate                  | 5.18727 ppb v/v |
|                      |          |           |                  |                      |                     |              | Vinyl chloride                 | 5.18727 ppb v/v |
|                      |          |           |                  |                      | ATTO15EthCALw_00123 | 309 mL       | Ethanol                        | 9.99159 ppb v/v |
| .ATTO15CALSTKi_00137 | 03/14/21 | 12/14/20  | Nitrogen, Lot 13 | 15 L                 | ATTO15CALs_00042    | 3000 mL      | 1,1,1-Trichloroethane          | 203.8 ppb v/v   |
|                      |          |           |                  |                      |                     |              | 1,1,2,2-Tetrachloroethane      | 206.8 ppb v/v   |
|                      |          |           |                  |                      |                     |              | 1,1,2-Trichloroethane          | 209.6 ppb v/v   |
|                      |          |           |                  |                      |                     |              | 1,1,2-Trichlorotrifluoroethane | 209.8 ppb v/v   |
|                      |          |           |                  |                      |                     |              | 1,1-Dichloroethane             | 200 ppb v/v     |
|                      |          |           |                  |                      |                     |              | 1,1-Dichloroethene             | 205.6 ppb v/v   |
|                      |          |           |                  |                      |                     |              | 1,2,3-Trichlorobenzene         | 182.4 ppb v/v   |
|                      |          |           |                  |                      |                     |              | 1,2,3-Trichloropropane         | 211.8 ppb v/v   |
|                      |          |           |                  |                      |                     |              | 1,2,4-Trichlorobenzene         | 217.2 ppb v/v   |
|                      |          |           |                  |                      |                     |              | 1,2,4-Trimethylbenzene         | 208 ppb v/v     |

# REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-56451-1

SDG No.: 200-56451-1

| Reagent ID | Exp Date | Prep Date | Dilutant Used | Reagent Final Volume | Parent Reagent |              | Analyte                                       | Concentration |
|------------|----------|-----------|---------------|----------------------|----------------|--------------|-----------------------------------------------|---------------|
|            |          |           |               |                      | Reagent ID     | Volume Added |                                               |               |
|            |          |           |               |                      |                |              | 1,2-Dibromoethane                             | 212.2 ppb v/v |
|            |          |           |               |                      |                |              | 1,2-Dichlorobenzene                           | 208.8 ppb v/v |
|            |          |           |               |                      |                |              | 1,2-Dichloroethane                            | 207.2 ppb v/v |
|            |          |           |               |                      |                |              | 1,2-Dichloropropane                           | 206.2 ppb v/v |
|            |          |           |               |                      |                |              | 1,2-Dichlorotetrafluoroethane                 | 208.2 ppb v/v |
|            |          |           |               |                      |                |              | 1,3,5-Trimethylbenzene                        | 207.8 ppb v/v |
|            |          |           |               |                      |                |              | 1,3-Butadiene                                 | 202.4 ppb v/v |
|            |          |           |               |                      |                |              | 1,3-Dichlorobenzene                           | 211.6 ppb v/v |
|            |          |           |               |                      |                |              | 1,4-Dichlorobenzene                           | 209.4 ppb v/v |
|            |          |           |               |                      |                |              | 1,4-Dioxane                                   | 211.6 ppb v/v |
|            |          |           |               |                      |                |              | 2,2,4-Trimethylpentane                        | 209.4 ppb v/v |
|            |          |           |               |                      |                |              | 2-Chlorotoluene                               | 208.8 ppb v/v |
|            |          |           |               |                      |                |              | 2-Methylbutane                                | 208.8 ppb v/v |
|            |          |           |               |                      |                |              | 3-Chloropropene                               | 213 ppb v/v   |
|            |          |           |               |                      |                |              | 4-Ethyltoluene                                | 206.6 ppb v/v |
|            |          |           |               |                      |                |              | 4-Isopropyltoluene                            | 206.2 ppb v/v |
|            |          |           |               |                      |                |              | 4-Methyl-2-pentanone (Methyl isobutyl ketone) | 204.8 ppb v/v |
|            |          |           |               |                      |                |              | Acetone                                       | 204.8 ppb v/v |
|            |          |           |               |                      |                |              | Acetonitrile                                  | 198 ppb v/v   |
|            |          |           |               |                      |                |              | Acrolein                                      | 194.4 ppb v/v |
|            |          |           |               |                      |                |              | Acrylonitrile                                 | 202.2 ppb v/v |
|            |          |           |               |                      |                |              | Alpha Methyl Styrene                          | 204 ppb v/v   |
|            |          |           |               |                      |                |              | Benzene                                       | 206.6 ppb v/v |
|            |          |           |               |                      |                |              | Benzyl chloride                               | 211.6 ppb v/v |
|            |          |           |               |                      |                |              | Bromodichloromethane                          | 211.4 ppb v/v |
|            |          |           |               |                      |                |              | Bromoethene (Vinyl Bromide)                   | 208.4 ppb v/v |
|            |          |           |               |                      |                |              | Bromoform                                     | 205.8 ppb v/v |
|            |          |           |               |                      |                |              | Bromomethane                                  | 206.2 ppb v/v |
|            |          |           |               |                      |                |              | Carbon disulfide                              | 203.2 ppb v/v |
|            |          |           |               |                      |                |              | Carbon tetrachloride                          | 203.2 ppb v/v |
|            |          |           |               |                      |                |              | Chlorobenzene                                 | 209.8 ppb v/v |
|            |          |           |               |                      |                |              | Chlorodifluoromethane                         | 209.6 ppb v/v |
|            |          |           |               |                      |                |              | Chloroethane                                  | 207.8 ppb v/v |
|            |          |           |               |                      |                |              | Chloroform                                    | 202 ppb v/v   |
|            |          |           |               |                      |                |              | Chloromethane                                 | 218.4 ppb v/v |
|            |          |           |               |                      |                |              | cis-1,2-Dichloroethene                        | 202 ppb v/v   |
|            |          |           |               |                      |                |              | cis-1,3-Dichloropropene                       | 207.8 ppb v/v |
|            |          |           |               |                      |                |              | Cumene                                        | 208.6 ppb v/v |
|            |          |           |               |                      |                |              | Cyclohexane                                   | 203 ppb v/v   |
|            |          |           |               |                      |                |              | Dibromochloromethane                          | 193.6 ppb v/v |
|            |          |           |               |                      |                |              | Dibromomethane                                | 206 ppb v/v   |
|            |          |           |               |                      |                |              | Dichlorodifluoromethane                       | 208.8 ppb v/v |
|            |          |           |               |                      |                |              | Dodecane                                      | 187.2 ppb v/v |
|            |          |           |               |                      |                |              | Ethyl acetate                                 | 202.6 ppb v/v |
|            |          |           |               |                      |                |              | Ethyl ether                                   | 201.6 ppb v/v |
|            |          |           |               |                      |                |              | Ethylbenzene                                  | 204.4 ppb v/v |
|            |          |           |               |                      |                |              | Hexachlorobutadiene                           | 205.2 ppb v/v |

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-56451-1

SDG No.: 200-56451-1

| Reagent ID         | Exp Date | Prep Date            | Dilutant Used | Reagent Final Volume | Parent Reagent      |              | Analyte                          | Concentration |
|--------------------|----------|----------------------|---------------|----------------------|---------------------|--------------|----------------------------------|---------------|
|                    |          |                      |               |                      | Reagent ID          | Volume Added |                                  |               |
|                    |          |                      |               |                      |                     |              | Isopropyl alcohol                | 204.4 ppb v/v |
|                    |          |                      |               |                      |                     |              | m,p-Xylene                       | 411.2 ppb v/v |
|                    |          |                      |               |                      |                     |              | Methyl Butyl Ketone (2-Hexanone) | 199.8 ppb v/v |
|                    |          |                      |               |                      |                     |              | Methyl Ethyl Ketone (2-Butanone) | 206.8 ppb v/v |
|                    |          |                      |               |                      |                     |              | Methyl methacrylate              | 203.2 ppb v/v |
|                    |          |                      |               |                      |                     |              | Methyl tert-butyl ether          | 209 ppb v/v   |
|                    |          |                      |               |                      |                     |              | Methylene Chloride               | 205.6 ppb v/v |
|                    |          |                      |               |                      |                     |              | n-Butane                         | 207.2 ppb v/v |
|                    |          |                      |               |                      |                     |              | n-Butanol                        | 191 ppb v/v   |
|                    |          |                      |               |                      |                     |              | n-Butylbenzene                   | 207.8 ppb v/v |
|                    |          |                      |               |                      |                     |              | n-Decane                         | 208.4 ppb v/v |
|                    |          |                      |               |                      |                     |              | n-Heptane                        | 210.2 ppb v/v |
|                    |          |                      |               |                      |                     |              | n-Hexane                         | 211.8 ppb v/v |
|                    |          |                      |               |                      |                     |              | n-Nonane                         | 209.6 ppb v/v |
|                    |          |                      |               |                      |                     |              | n-Octane                         | 206.6 ppb v/v |
|                    |          |                      |               |                      |                     |              | n-Propylbenzene                  | 208 ppb v/v   |
|                    |          |                      |               |                      |                     |              | Naphthalene                      | 194.4 ppb v/v |
|                    |          |                      |               |                      |                     |              | o-Xylene                         | 207.2 ppb v/v |
|                    |          |                      |               |                      |                     |              | Pentane                          | 202.6 ppb v/v |
|                    |          |                      |               |                      |                     |              | Propene                          | 206.4 ppb v/v |
|                    |          |                      |               |                      |                     |              | sec-Butylbenzene                 | 209.2 ppb v/v |
|                    |          |                      |               |                      |                     |              | Styrene                          | 206.4 ppb v/v |
|                    |          |                      |               |                      |                     |              | tert-Butyl alcohol               | 215.6 ppb v/v |
|                    |          |                      |               |                      |                     |              | tert-Butylbenzene                | 207.2 ppb v/v |
|                    |          |                      |               |                      |                     |              | Tetrachloroethene                | 210 ppb v/v   |
|                    |          |                      |               |                      |                     |              | Tetrahydrofuran                  | 199.8 ppb v/v |
|                    |          |                      |               |                      |                     |              | Toluene                          | 203.2 ppb v/v |
|                    |          |                      |               |                      |                     |              | trans-1,2-Dichloroethene         | 204 ppb v/v   |
|                    |          |                      |               |                      |                     |              | trans-1,3-Dichloropropene        | 197.6 ppb v/v |
|                    |          |                      |               |                      |                     |              | Trichloroethene                  | 210.6 ppb v/v |
|                    |          |                      |               |                      |                     |              | Trichlorofluoromethane           | 211.2 ppb v/v |
|                    |          |                      |               |                      |                     |              | Undecane                         | 209.2 ppb v/v |
|                    |          |                      |               |                      |                     |              | Vinyl acetate                    | 207.8 ppb v/v |
|                    |          |                      |               |                      |                     |              | Vinyl chloride                   | 207.8 ppb v/v |
| ..ATTO15CALs_00042 | 12/13/21 | Linde, Lot CC-237336 |               |                      | (Purchased Reagent) |              | 1,1,1-Trichloroethane            | 1.019 ppm v/v |
|                    |          |                      |               |                      |                     |              | 1,1,2,2-Tetrachloroethane        | 1.034 ppm v/v |
|                    |          |                      |               |                      |                     |              | 1,1,2-Trichloroethane            | 1.048 ppm v/v |
|                    |          |                      |               |                      |                     |              | 1,1,2-Trichlorotrifluoroethane   | 1.049 ppm v/v |
|                    |          |                      |               |                      |                     |              | 1,1-Dichloroethane               | 1 ppm v/v     |
|                    |          |                      |               |                      |                     |              | 1,1-Dichloroethene               | 1.028 ppm v/v |
|                    |          |                      |               |                      |                     |              | 1,2,3-Trichlorobenzene           | 0.912 ppm v/v |
|                    |          |                      |               |                      |                     |              | 1,2,3-Trichloropropane           | 1.059 ppm v/v |
|                    |          |                      |               |                      |                     |              | 1,2,4-Trichlorobenzene           | 1.086 ppm v/v |
|                    |          |                      |               |                      |                     |              | 1,2,4-Trimethylbenzene           | 1.04 ppm v/v  |
|                    |          |                      |               |                      |                     |              | 1,2-Dibromoethane                | 1.061 ppm v/v |
|                    |          |                      |               |                      |                     |              | 1,2-Dichlorobenzene              | 1.044 ppm v/v |
|                    |          |                      |               |                      |                     |              |                                  |               |
|                    |          |                      |               |                      |                     |              |                                  |               |

# REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-56451-1

SDG No.: 200-56451-1

| Reagent ID | Exp Date | Prep Date | Dilutant Used | Reagent Final Volume | Parent Reagent |              | Analyte                                       | Concentration |
|------------|----------|-----------|---------------|----------------------|----------------|--------------|-----------------------------------------------|---------------|
|            |          |           |               |                      | Reagent ID     | Volume Added |                                               |               |
|            |          |           |               |                      |                |              | 1,2-Dichloroethane                            | 1.036 ppm v/v |
|            |          |           |               |                      |                |              | 1,2-Dichloropropane                           | 1.031 ppm v/v |
|            |          |           |               |                      |                |              | 1,2-Dichlorotetrafluoroethane                 | 1.041 ppm v/v |
|            |          |           |               |                      |                |              | 1,3,5-Trimethylbenzene                        | 1.039 ppm v/v |
|            |          |           |               |                      |                |              | 1,3-Butadiene                                 | 1.012 ppm v/v |
|            |          |           |               |                      |                |              | 1,3-Dichlorobenzene                           | 1.058 ppm v/v |
|            |          |           |               |                      |                |              | 1,4-Dichlorobenzene                           | 1.047 ppm v/v |
|            |          |           |               |                      |                |              | 1,4-Dioxane                                   | 1.058 ppm v/v |
|            |          |           |               |                      |                |              | 2,2,4-Trimethylpentane                        | 1.047 ppm v/v |
|            |          |           |               |                      |                |              | 2-Chlorotoluene                               | 1.044 ppm v/v |
|            |          |           |               |                      |                |              | 2-Methylbutane                                | 1.044 ppm v/v |
|            |          |           |               |                      |                |              | 3-Chloropropene                               | 1.065 ppm v/v |
|            |          |           |               |                      |                |              | 4-Ethyltoluene                                | 1.033 ppm v/v |
|            |          |           |               |                      |                |              | 4-Isopropyltoluene                            | 1.031 ppm v/v |
|            |          |           |               |                      |                |              | 4-Methyl-2-pentanone (Methyl isobutyl ketone) | 1.024 ppm v/v |
|            |          |           |               |                      |                |              | Acetone                                       | 1.024 ppm v/v |
|            |          |           |               |                      |                |              | Acetonitrile                                  | 0.99 ppm v/v  |
|            |          |           |               |                      |                |              | Acrolein                                      | 0.972 ppm v/v |
|            |          |           |               |                      |                |              | Acrylonitrile                                 | 1.011 ppm v/v |
|            |          |           |               |                      |                |              | Alpha Methyl Styrene                          | 1.02 ppm v/v  |
|            |          |           |               |                      |                |              | Benzene                                       | 1.033 ppm v/v |
|            |          |           |               |                      |                |              | Benzyl chloride                               | 1.058 ppm v/v |
|            |          |           |               |                      |                |              | Bromodichloromethane                          | 1.057 ppm v/v |
|            |          |           |               |                      |                |              | Bromoethene(Vinyl Bromide)                    | 1.042 ppm v/v |
|            |          |           |               |                      |                |              | Bromoform                                     | 1.029 ppm v/v |
|            |          |           |               |                      |                |              | Bromomethane                                  | 1.031 ppm v/v |
|            |          |           |               |                      |                |              | Carbon disulfide                              | 1.016 ppm v/v |
|            |          |           |               |                      |                |              | Carbon tetrachloride                          | 1.016 ppm v/v |
|            |          |           |               |                      |                |              | Chlorobenzene                                 | 1.049 ppm v/v |
|            |          |           |               |                      |                |              | Chlorodifluoromethane                         | 1.048 ppm v/v |
|            |          |           |               |                      |                |              | Chloroethane                                  | 1.039 ppm v/v |
|            |          |           |               |                      |                |              | Chloroform                                    | 1.01 ppm v/v  |
|            |          |           |               |                      |                |              | Chloromethane                                 | 1.092 ppm v/v |
|            |          |           |               |                      |                |              | cis-1,2-Dichloroethene                        | 1.01 ppm v/v  |
|            |          |           |               |                      |                |              | cis-1,3-Dichloropropene                       | 1.039 ppm v/v |
|            |          |           |               |                      |                |              | Cumene                                        | 1.043 ppm v/v |
|            |          |           |               |                      |                |              | Cyclohexane                                   | 1.015 ppm v/v |
|            |          |           |               |                      |                |              | Dibromochloromethane                          | 0.968 ppm v/v |
|            |          |           |               |                      |                |              | Dibromomethane                                | 1.03 ppm v/v  |
|            |          |           |               |                      |                |              | Dichlorodifluoromethane                       | 1.044 ppm v/v |
|            |          |           |               |                      |                |              | Dodecane                                      | 0.936 ppm v/v |
|            |          |           |               |                      |                |              | Ethyl acetate                                 | 1.013 ppm v/v |
|            |          |           |               |                      |                |              | Ethyl ether                                   | 1.008 ppm v/v |
|            |          |           |               |                      |                |              | Ethylbenzene                                  | 1.022 ppm v/v |
|            |          |           |               |                      |                |              | Hexachlorobutadiene                           | 1.026 ppm v/v |
|            |          |           |               |                      |                |              | Isopropyl alcohol                             | 1.022 ppm v/v |
|            |          |           |               |                      |                |              | m,p-Xylene                                    | 2.056 ppm v/v |

## REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-56451-1

SDG No.: 200-56451-1

| Reagent ID            | Exp Date | Prep Date | Dilutant Used             | Reagent Final Volume | Parent Reagent      |              | Analyte                          | Concentration   |
|-----------------------|----------|-----------|---------------------------|----------------------|---------------------|--------------|----------------------------------|-----------------|
|                       |          |           |                           |                      | Reagent ID          | Volume Added |                                  |                 |
|                       |          |           |                           |                      |                     |              | Methyl Butyl Ketone (2-Hexanone) | 0.999 ppm v/v   |
|                       |          |           |                           |                      |                     |              | Methyl Ethyl Ketone (2-Butanone) | 1.034 ppm v/v   |
|                       |          |           |                           |                      |                     |              | Methyl methacrylate              | 1.016 ppm v/v   |
|                       |          |           |                           |                      |                     |              | Methyl tert-butyl ether          | 1.045 ppm v/v   |
|                       |          |           |                           |                      |                     |              | Methylene Chloride               | 1.028 ppm v/v   |
|                       |          |           |                           |                      |                     |              | n-Butane                         | 1.036 ppm v/v   |
|                       |          |           |                           |                      |                     |              | n-Butanol                        | 0.955 ppm v/v   |
|                       |          |           |                           |                      |                     |              | n-Butylbenzene                   | 1.039 ppm v/v   |
|                       |          |           |                           |                      |                     |              | n-Decane                         | 1.042 ppm v/v   |
|                       |          |           |                           |                      |                     |              | n-Heptane                        | 1.051 ppm v/v   |
|                       |          |           |                           |                      |                     |              | n-Hexane                         | 1.059 ppm v/v   |
|                       |          |           |                           |                      |                     |              | n-Nonane                         | 1.048 ppm v/v   |
|                       |          |           |                           |                      |                     |              | n-Octane                         | 1.033 ppm v/v   |
|                       |          |           |                           |                      |                     |              | n-Propylbenzene                  | 1.04 ppm v/v    |
|                       |          |           |                           |                      |                     |              | Naphthalene                      | 0.972 ppm v/v   |
|                       |          |           |                           |                      |                     |              | o-Xylene                         | 1.036 ppm v/v   |
|                       |          |           |                           |                      |                     |              | Pentane                          | 1.013 ppm v/v   |
|                       |          |           |                           |                      |                     |              | Propene                          | 1.032 ppm v/v   |
|                       |          |           |                           |                      |                     |              | sec-Butylbenzene                 | 1.046 ppm v/v   |
|                       |          |           |                           |                      |                     |              | Styrene                          | 1.032 ppm v/v   |
|                       |          |           |                           |                      |                     |              | tert-Butyl alcohol               | 1.078 ppm v/v   |
|                       |          |           |                           |                      |                     |              | tert-Butylbenzene                | 1.036 ppm v/v   |
|                       |          |           |                           |                      |                     |              | Tetrachloroethene                | 1.05 ppm v/v    |
|                       |          |           |                           |                      |                     |              | Tetrahydrofuran                  | 0.999 ppm v/v   |
|                       |          |           |                           |                      |                     |              | Toluene                          | 1.016 ppm v/v   |
|                       |          |           |                           |                      |                     |              | trans-1,2-Dichloroethene         | 1.02 ppm v/v    |
|                       |          |           |                           |                      |                     |              | trans-1,3-Dichloropropene        | 0.988 ppm v/v   |
|                       |          |           |                           |                      |                     |              | Trichloroethene                  | 1.053 ppm v/v   |
|                       |          |           |                           |                      |                     |              | Trichlorofluoromethane           | 1.056 ppm v/v   |
|                       |          |           |                           |                      |                     |              | Undecane                         | 1.046 ppm v/v   |
|                       |          |           |                           |                      |                     |              | Vinyl acetate                    | 1.039 ppm v/v   |
|                       |          |           |                           |                      |                     |              | Vinyl chloride                   | 1.039 ppm v/v   |
| .ATTO15EthCALw_00123  | 03/14/21 | 12/14/20  | Nitrogen, Lot 12          | 37.5 ppb             | ATTO15EthCALs_00009 | 18.75 uL     | Ethanol                          | 500 ppb v/v     |
| ..ATTO15EthCALs_00009 | 09/05/21 |           | Chem Service, Lot 5301900 |                      | (Purchased Reagent) |              | Ethanol                          | 1 mL/mL         |
| ATTO15CAL4w_00753     | 12/13/20 | 10/19/20  | Nitrogen, Lot 12          | 15.463 L             | ATTO15CALSTKi_00134 | 773 mL       | 1,1,1-Trichloroethane            | 10.188 ppb v/v  |
|                       |          |           |                           |                      |                     |              | 1,1,2,2-Tetrachloroethane        | 10.338 ppb v/v  |
|                       |          |           |                           |                      |                     |              | 1,1,2-Trichloroethane            | 10.478 ppb v/v  |
|                       |          |           |                           |                      |                     |              | 1,1,2-Trichlorotrifluoroethane   | 10.488 ppb v/v  |
|                       |          |           |                           |                      |                     |              | 1,1-Dichloroethane               | 9.99806 ppb v/v |
|                       |          |           |                           |                      |                     |              | 1,1-Dichloroethene               | 10.278 ppb v/v  |
|                       |          |           |                           |                      |                     |              |                                  |                 |

## REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-56451-1

SDG No.: 200-56451-1

| Reagent ID | Exp Date | Prep Date | Dilutant Used | Reagent Final Volume | Parent Reagent |              | Analyte                                       | Concentration   |
|------------|----------|-----------|---------------|----------------------|----------------|--------------|-----------------------------------------------|-----------------|
|            |          |           |               |                      | Reagent ID     | Volume Added |                                               |                 |
|            |          |           |               |                      |                |              | 1,2,3-Trichlorobenzene                        | 9.11823 ppb v/v |
|            |          |           |               |                      |                |              | 1,2,3-Trichloropropane                        | 10.5879 ppb v/v |
|            |          |           |               |                      |                |              | 1,2,4-Trichlorobenzene                        | 10.8579 ppb v/v |
|            |          |           |               |                      |                |              | 1,2,4-Trimethylbenzene                        | 10.398 ppb v/v  |
|            |          |           |               |                      |                |              | 1,2-Dibromoethane                             | 10.6079 ppb v/v |
|            |          |           |               |                      |                |              | 1,2-Dichlorobenzene                           | 10.438 ppb v/v  |
|            |          |           |               |                      |                |              | 1,2-Dichloroethane                            | 10.358 ppb v/v  |
|            |          |           |               |                      |                |              | 1,2-Dichloropropane                           | 10.308 ppb v/v  |
|            |          |           |               |                      |                |              | 1,2-Dichlorotetrafluoroethane                 | 10.408 ppb v/v  |
|            |          |           |               |                      |                |              | 1,3,5-Trimethylbenzene                        | 10.388 ppb v/v  |
|            |          |           |               |                      |                |              | 1,3-Butadiene                                 | 10.118 ppb v/v  |
|            |          |           |               |                      |                |              | 1,3-Dichlorobenzene                           | 10.5779 ppb v/v |
|            |          |           |               |                      |                |              | 1,4-Dichlorobenzene                           | 10.468 ppb v/v  |
|            |          |           |               |                      |                |              | 1,4-Dioxane                                   | 10.5779 ppb v/v |
|            |          |           |               |                      |                |              | 2,2,4-Trimethylpentane                        | 10.468 ppb v/v  |
|            |          |           |               |                      |                |              | 2-Chlorotoluene                               | 10.438 ppb v/v  |
|            |          |           |               |                      |                |              | 2-Methylbutane                                | 10.438 ppb v/v  |
|            |          |           |               |                      |                |              | 3-Chloropropene                               | 10.6479 ppb v/v |
|            |          |           |               |                      |                |              | 4-Ethyltoluene                                | 10.328 ppb v/v  |
|            |          |           |               |                      |                |              | 4-Isopropyltoluene                            | 10.308 ppb v/v  |
|            |          |           |               |                      |                |              | 4-Methyl-2-pentanone (Methyl isobutyl ketone) | 10.238 ppb v/v  |
|            |          |           |               |                      |                |              | Acetone                                       | 10.238 ppb v/v  |
|            |          |           |               |                      |                |              | Acetonitrile                                  | 9.89808 ppb v/v |
|            |          |           |               |                      |                |              | Acrolein                                      | 9.71811 ppb v/v |
|            |          |           |               |                      |                |              | Acrylonitrile                                 | 10.108 ppb v/v  |

# REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-56451-1

SDG No.: 200-56451-1

| Reagent ID | Exp Date | Prep Date | Dilutant Used | Reagent Final Volume | Parent Reagent |              | Analyte                     | Concentration   |
|------------|----------|-----------|---------------|----------------------|----------------|--------------|-----------------------------|-----------------|
|            |          |           |               |                      | Reagent ID     | Volume Added |                             |                 |
|            |          |           |               |                      |                |              | Alpha Methyl Styrene        | 10.198 ppb v/v  |
|            |          |           |               |                      |                |              | Benzene                     | 10.328 ppb v/v  |
|            |          |           |               |                      |                |              | Benzyl chloride             | 10.5779 ppb v/v |
|            |          |           |               |                      |                |              | Bromodichloromethane        | 10.5679 ppb v/v |
|            |          |           |               |                      |                |              | Bromoethene (Vinyl Bromide) | 10.418 ppb v/v  |
|            |          |           |               |                      |                |              | Bromoform                   | 10.288 ppb v/v  |
|            |          |           |               |                      |                |              | Bromomethane                | 10.308 ppb v/v  |
|            |          |           |               |                      |                |              | Carbon disulfide            | 10.158 ppb v/v  |
|            |          |           |               |                      |                |              | Carbon tetrachloride        | 10.158 ppb v/v  |
|            |          |           |               |                      |                |              | Chlorobenzene               | 10.488 ppb v/v  |
|            |          |           |               |                      |                |              | Chlorodifluoromethane       | 10.478 ppb v/v  |
|            |          |           |               |                      |                |              | Chloroethane                | 10.388 ppb v/v  |
|            |          |           |               |                      |                |              | Chloroform                  | 10.098 ppb v/v  |
|            |          |           |               |                      |                |              | Chloromethane               | 10.9179 ppb v/v |
|            |          |           |               |                      |                |              | cis-1,2-Dichloroethene      | 10.098 ppb v/v  |
|            |          |           |               |                      |                |              | cis-1,3-Dichloropropene     | 10.388 ppb v/v  |
|            |          |           |               |                      |                |              | Cumene                      | 10.428 ppb v/v  |
|            |          |           |               |                      |                |              | Cyclohexane                 | 10.148 ppb v/v  |
|            |          |           |               |                      |                |              | Dibromochloromethane        | 9.67812 ppb v/v |
|            |          |           |               |                      |                |              | Dibromomethane              | 10.298 ppb v/v  |
|            |          |           |               |                      |                |              | Dichlorodifluoromethane     | 10.438 ppb v/v  |
|            |          |           |               |                      |                |              | Dodecane                    | 9.35818 ppb v/v |
|            |          |           |               |                      |                |              | Ethyl acetate               | 10.128 ppb v/v  |
|            |          |           |               |                      |                |              | Ethyl ether                 | 10.078 ppb v/v  |
|            |          |           |               |                      |                |              | Ethylbenzene                | 10.218 ppb v/v  |

# REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-56451-1

SDG No.: 200-56451-1

| Reagent ID | Exp Date | Prep Date | Dilutant Used | Reagent Final Volume | Parent Reagent |              | Analyte                          | Concentration   |
|------------|----------|-----------|---------------|----------------------|----------------|--------------|----------------------------------|-----------------|
|            |          |           |               |                      | Reagent ID     | Volume Added |                                  |                 |
|            |          |           |               |                      |                |              | Hexachlorobutadiene              | 10.258 ppb v/v  |
|            |          |           |               |                      |                |              | Isopropyl alcohol                | 10.218 ppb v/v  |
|            |          |           |               |                      |                |              | m,p-Xylene                       | 20.556 ppb v/v  |
|            |          |           |               |                      |                |              | Methyl Butyl Ketone (2-Hexanone) | 9.98806 ppb v/v |
|            |          |           |               |                      |                |              | Methyl Ethyl Ketone (2-Butanone) | 10.338 ppb v/v  |
|            |          |           |               |                      |                |              | Methyl methacrylate              | 10.158 ppb v/v  |
|            |          |           |               |                      |                |              | Methyl tert-butyl ether          | 10.448 ppb v/v  |
|            |          |           |               |                      |                |              | Methylene Chloride               | 10.278 ppb v/v  |
|            |          |           |               |                      |                |              | n-Butane                         | 10.358 ppb v/v  |
|            |          |           |               |                      |                |              | n-Butanol                        | 9.54815 ppb v/v |
|            |          |           |               |                      |                |              | n-Butylbenzene                   | 10.388 ppb v/v  |
|            |          |           |               |                      |                |              | n-Decane                         | 10.418 ppb v/v  |
|            |          |           |               |                      |                |              | n-Heptane                        | 10.508 ppb v/v  |
|            |          |           |               |                      |                |              | n-Hexane                         | 10.5879 ppb v/v |
|            |          |           |               |                      |                |              | n-Nonane                         | 10.478 ppb v/v  |
|            |          |           |               |                      |                |              | n-Octane                         | 10.328 ppb v/v  |
|            |          |           |               |                      |                |              | n-Propylbenzene                  | 10.398 ppb v/v  |
|            |          |           |               |                      |                |              | Naphthalene                      | 9.71811 ppb v/v |
|            |          |           |               |                      |                |              | o-Xylene                         | 10.358 ppb v/v  |
|            |          |           |               |                      |                |              | Pentane                          | 10.128 ppb v/v  |
|            |          |           |               |                      |                |              | Propene                          | 10.318 ppb v/v  |
|            |          |           |               |                      |                |              | sec-Butylbenzene                 | 10.458 ppb v/v  |
|            |          |           |               |                      |                |              | Styrene                          | 10.318 ppb v/v  |
|            |          |           |               |                      |                |              | tert-Butyl alcohol               | 10.7779 ppb v/v |
|            |          |           |               |                      |                |              | tert-Butylbenzene                | 10.358 ppb v/v  |



## REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-56451-1

SDG No.: 200-56451-1

| Reagent ID           | Exp Date | Prep Date | Dilutant Used    | Reagent Final Volume | Parent Reagent      |              | Analyte                        | Concentration   |
|----------------------|----------|-----------|------------------|----------------------|---------------------|--------------|--------------------------------|-----------------|
|                      |          |           |                  |                      | Reagent ID          | Volume Added |                                |                 |
|                      |          |           |                  |                      |                     |              | Tetrachloroethene              | 10.498 ppb v/v  |
|                      |          |           |                  |                      |                     |              | Tetrahydrofuran                | 9.98806 ppb v/v |
|                      |          |           |                  |                      |                     |              | Toluene                        | 10.158 ppb v/v  |
|                      |          |           |                  |                      |                     |              | trans-1,2-Dichloroethene       | 10.198 ppb v/v  |
|                      |          |           |                  |                      |                     |              | trans-1,3-Dichloropropene      | 9.87808 ppb v/v |
|                      |          |           |                  |                      |                     |              | Trichloroethene                | 10.528 ppb v/v  |
|                      |          |           |                  |                      |                     |              | Trichlorofluoromethane         | 10.558 ppb v/v  |
|                      |          |           |                  |                      |                     |              | Undecane                       | 10.458 ppb v/v  |
|                      |          |           |                  |                      |                     |              | Vinyl acetate                  | 10.388 ppb v/v  |
|                      |          |           |                  |                      |                     |              | Vinyl chloride                 | 10.388 ppb v/v  |
|                      |          |           |                  |                      | ATTO15EthCALw_00121 | 464 mL       | Ethanol                        | 15.0036 ppb v/v |
| .ATTO15CALSTKi_00134 | 12/13/20 | 10/16/20  | Nitrogen, Lot 13 | 15 L                 | ATTO15CALs_00039    | 3000 mL      | 1,1,1-Trichloroethane          | 203.8 ppb v/v   |
|                      |          |           |                  |                      |                     |              | 1,1,2,2-Tetrachloroethane      | 206.8 ppb v/v   |
|                      |          |           |                  |                      |                     |              | 1,1,2-Trichloroethane          | 209.6 ppb v/v   |
|                      |          |           |                  |                      |                     |              | 1,1,2-Trichlorotrifluoroethane | 209.8 ppb v/v   |
|                      |          |           |                  |                      |                     |              | 1,1-Dichloroethane             | 200 ppb v/v     |
|                      |          |           |                  |                      |                     |              | 1,1-Dichloroethene             | 205.6 ppb v/v   |
|                      |          |           |                  |                      |                     |              | 1,2,3-Trichlorobenzene         | 182.4 ppb v/v   |
|                      |          |           |                  |                      |                     |              | 1,2,3-Trichloropropane         | 211.8 ppb v/v   |
|                      |          |           |                  |                      |                     |              | 1,2,4-Trichlorobenzene         | 217.2 ppb v/v   |
|                      |          |           |                  |                      |                     |              | 1,2,4-Trimethylbenzene         | 208 ppb v/v     |
|                      |          |           |                  |                      |                     |              | 1,2-Dibromoethane              | 212.2 ppb v/v   |
|                      |          |           |                  |                      |                     |              | 1,2-Dichlorobenzene            | 208.8 ppb v/v   |
|                      |          |           |                  |                      |                     |              | 1,2-Dichloroethane             | 207.2 ppb v/v   |
|                      |          |           |                  |                      |                     |              | 1,2-Dichloropropane            | 206.2 ppb v/v   |
|                      |          |           |                  |                      |                     |              | 1,2-Dichlorotetrafluoroethane  | 208.2 ppb v/v   |
|                      |          |           |                  |                      |                     |              | 1,3,5-Trimethylbenzene         | 207.8 ppb v/v   |
|                      |          |           |                  |                      |                     |              | 1,3-Butadiene                  | 202.4 ppb v/v   |
|                      |          |           |                  |                      |                     |              | 1,3-Dichlorobenzene            | 211.6 ppb v/v   |
|                      |          |           |                  |                      |                     |              | 1,4-Dichlorobenzene            | 209.4 ppb v/v   |
|                      |          |           |                  |                      |                     |              | 1,4-Dioxane                    | 211.6 ppb v/v   |
|                      |          |           |                  |                      |                     |              | 2,2,4-Trimethylpentane         | 209.4 ppb v/v   |
|                      |          |           |                  |                      |                     |              | 2-Chlorotoluene                | 208.8 ppb v/v   |
|                      |          |           |                  |                      |                     |              | 2-Methylbutane                 | 208.8 ppb v/v   |
|                      |          |           |                  |                      |                     |              | 3-Chloropropene                | 213 ppb v/v     |
|                      |          |           |                  |                      |                     |              | 4-Ethyltoluene                 | 206.6 ppb v/v   |
|                      |          |           |                  |                      |                     |              | 4-Isopropyltoluene             | 206.2 ppb v/v   |

## REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-56451-1

SDG No.: 200-56451-1

| Reagent ID | Exp Date | Prep Date | Dilutant Used | Reagent Final Volume | Parent Reagent |              | Analyte                                       | Concentration |
|------------|----------|-----------|---------------|----------------------|----------------|--------------|-----------------------------------------------|---------------|
|            |          |           |               |                      | Reagent ID     | Volume Added |                                               |               |
|            |          |           |               |                      |                |              | 4-Methyl-2-pentanone (Methyl isobutyl ketone) | 204.8 ppb v/v |
|            |          |           |               |                      |                |              | Acetone                                       | 204.8 ppb v/v |
|            |          |           |               |                      |                |              | Acetonitrile                                  | 198 ppb v/v   |
|            |          |           |               |                      |                |              | Acrolein                                      | 194.4 ppb v/v |
|            |          |           |               |                      |                |              | Acrylonitrile                                 | 202.2 ppb v/v |
|            |          |           |               |                      |                |              | Alpha Methyl Styrene                          | 204 ppb v/v   |
|            |          |           |               |                      |                |              | Benzene                                       | 206.6 ppb v/v |
|            |          |           |               |                      |                |              | Benzyl chloride                               | 211.6 ppb v/v |
|            |          |           |               |                      |                |              | Bromodichloromethane                          | 211.4 ppb v/v |
|            |          |           |               |                      |                |              | Bromoethene (Vinyl Bromide)                   | 208.4 ppb v/v |
|            |          |           |               |                      |                |              | Bromoform                                     | 205.8 ppb v/v |
|            |          |           |               |                      |                |              | Bromomethane                                  | 206.2 ppb v/v |
|            |          |           |               |                      |                |              | Carbon disulfide                              | 203.2 ppb v/v |
|            |          |           |               |                      |                |              | Carbon tetrachloride                          | 203.2 ppb v/v |
|            |          |           |               |                      |                |              | Chlorobenzene                                 | 209.8 ppb v/v |
|            |          |           |               |                      |                |              | Chlorodifluoromethane                         | 209.6 ppb v/v |
|            |          |           |               |                      |                |              | Chloroethane                                  | 207.8 ppb v/v |
|            |          |           |               |                      |                |              | Chloroform                                    | 202 ppb v/v   |
|            |          |           |               |                      |                |              | Chloromethane                                 | 218.4 ppb v/v |
|            |          |           |               |                      |                |              | cis-1,2-Dichloroethene                        | 202 ppb v/v   |
|            |          |           |               |                      |                |              | cis-1,3-Dichloropropene                       | 207.8 ppb v/v |
|            |          |           |               |                      |                |              | Cumene                                        | 208.6 ppb v/v |
|            |          |           |               |                      |                |              | Cyclohexane                                   | 203 ppb v/v   |
|            |          |           |               |                      |                |              | Dibromochloromethane                          | 193.6 ppb v/v |
|            |          |           |               |                      |                |              | Dibromomethane                                | 206 ppb v/v   |
|            |          |           |               |                      |                |              | Dichlorodifluoromethane                       | 208.8 ppb v/v |
|            |          |           |               |                      |                |              | Dodecane                                      | 187.2 ppb v/v |
|            |          |           |               |                      |                |              | Ethyl acetate                                 | 202.6 ppb v/v |
|            |          |           |               |                      |                |              | Ethyl ether                                   | 201.6 ppb v/v |
|            |          |           |               |                      |                |              | Ethylbenzene                                  | 204.4 ppb v/v |
|            |          |           |               |                      |                |              | Hexachlorobutadiene                           | 205.2 ppb v/v |
|            |          |           |               |                      |                |              | Isopropyl alcohol                             | 204.4 ppb v/v |
|            |          |           |               |                      |                |              | m,p-Xylene                                    | 411.2 ppb v/v |
|            |          |           |               |                      |                |              | Methyl Butyl Ketone (2-Hexanone)              | 199.8 ppb v/v |
|            |          |           |               |                      |                |              | Methyl Ethyl Ketone (2-Butanone)              | 206.8 ppb v/v |
|            |          |           |               |                      |                |              | Methyl methacrylate                           | 203.2 ppb v/v |
|            |          |           |               |                      |                |              | Methyl tert-butyl ether                       | 209 ppb v/v   |
|            |          |           |               |                      |                |              | Methylene Chloride                            | 205.6 ppb v/v |
|            |          |           |               |                      |                |              | n-Butane                                      | 207.2 ppb v/v |
|            |          |           |               |                      |                |              | n-Butanol                                     | 191 ppb v/v   |
|            |          |           |               |                      |                |              | n-Butylbenzene                                | 207.8 ppb v/v |
|            |          |           |               |                      |                |              | n-Decane                                      | 208.4 ppb v/v |
|            |          |           |               |                      |                |              | n-Heptane                                     | 210.2 ppb v/v |
|            |          |           |               |                      |                |              | n-Hexane                                      | 211.8 ppb v/v |
|            |          |           |               |                      |                |              | n-Nonane                                      | 209.6 ppb v/v |

## REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-56451-1

SDG No.: 200-56451-1

| Reagent ID         | Exp Date | Prep Date | Dilutant Used        | Reagent Final Volume | Parent Reagent      |              | Analyte                                       | Concentration |
|--------------------|----------|-----------|----------------------|----------------------|---------------------|--------------|-----------------------------------------------|---------------|
|                    |          |           |                      |                      | Reagent ID          | Volume Added |                                               |               |
|                    |          |           |                      |                      |                     |              | n-Octane                                      | 206.6 ppb v/v |
|                    |          |           |                      |                      |                     |              | n-Propylbenzene                               | 208 ppb v/v   |
|                    |          |           |                      |                      |                     |              | Naphthalene                                   | 194.4 ppb v/v |
|                    |          |           |                      |                      |                     |              | o-Xylene                                      | 207.2 ppb v/v |
|                    |          |           |                      |                      |                     |              | Pentane                                       | 202.6 ppb v/v |
|                    |          |           |                      |                      |                     |              | Propene                                       | 206.4 ppb v/v |
|                    |          |           |                      |                      |                     |              | sec-Butylbenzene                              | 209.2 ppb v/v |
|                    |          |           |                      |                      |                     |              | Styrene                                       | 206.4 ppb v/v |
|                    |          |           |                      |                      |                     |              | tert-Butyl alcohol                            | 215.6 ppb v/v |
|                    |          |           |                      |                      |                     |              | tert-Butylbenzene                             | 207.2 ppb v/v |
|                    |          |           |                      |                      |                     |              | Tetrachloroethene                             | 210 ppb v/v   |
|                    |          |           |                      |                      |                     |              | Tetrahydrofuran                               | 199.8 ppb v/v |
|                    |          |           |                      |                      |                     |              | Toluene                                       | 203.2 ppb v/v |
|                    |          |           |                      |                      |                     |              | trans-1,2-Dichloroethene                      | 204 ppb v/v   |
|                    |          |           |                      |                      |                     |              | trans-1,3-Dichloropropene                     | 197.6 ppb v/v |
|                    |          |           |                      |                      |                     |              | Trichloroethene                               | 210.6 ppb v/v |
|                    |          |           |                      |                      |                     |              | Trichlorofluoromethane                        | 211.2 ppb v/v |
|                    |          |           |                      |                      |                     |              | Undecane                                      | 209.2 ppb v/v |
|                    |          |           |                      |                      |                     |              | Vinyl acetate                                 | 207.8 ppb v/v |
|                    |          |           |                      |                      |                     |              | Vinyl chloride                                | 207.8 ppb v/v |
| ..ATTO15CALs_00039 | 12/13/20 |           | Linde, Lot CC-237336 |                      | (Purchased Reagent) |              | 1,1,1-Trichloroethane                         | 1.019 ppm v/v |
|                    |          |           |                      |                      |                     |              | 1,1,2,2-Tetrachloroethane                     | 1.034 ppm v/v |
|                    |          |           |                      |                      |                     |              | 1,1,2-Trichloroethane                         | 1.048 ppm v/v |
|                    |          |           |                      |                      |                     |              | 1,1,2-Trichlorotrifluoroethane                | 1.049 ppm v/v |
|                    |          |           |                      |                      |                     |              | 1,1-Dichloroethane                            | 1 ppm v/v     |
|                    |          |           |                      |                      |                     |              | 1,1-Dichloroethene                            | 1.028 ppm v/v |
|                    |          |           |                      |                      |                     |              | 1,2,3-Trichlorobenzene                        | 0.912 ppm v/v |
|                    |          |           |                      |                      |                     |              | 1,2,3-Trichloropropane                        | 1.059 ppm v/v |
|                    |          |           |                      |                      |                     |              | 1,2,4-Trichlorobenzene                        | 1.086 ppm v/v |
|                    |          |           |                      |                      |                     |              | 1,2,4-Trimethylbenzene                        | 1.04 ppm v/v  |
|                    |          |           |                      |                      |                     |              | 1,2-Dibromoethane                             | 1.061 ppm v/v |
|                    |          |           |                      |                      |                     |              | 1,2-Dichlorobenzene                           | 1.044 ppm v/v |
|                    |          |           |                      |                      |                     |              | 1,2-Dichloroethane                            | 1.036 ppm v/v |
|                    |          |           |                      |                      |                     |              | 1,2-Dichloropropane                           | 1.031 ppm v/v |
|                    |          |           |                      |                      |                     |              | 1,2-Dichlorotetrafluoroethane                 | 1.041 ppm v/v |
|                    |          |           |                      |                      |                     |              | 1,3,5-Trimethylbenzene                        | 1.039 ppm v/v |
|                    |          |           |                      |                      |                     |              | 1,3-Butadiene                                 | 1.012 ppm v/v |
|                    |          |           |                      |                      |                     |              | 1,3-Dichlorobenzene                           | 1.058 ppm v/v |
|                    |          |           |                      |                      |                     |              | 1,4-Dichlorobenzene                           | 1.047 ppm v/v |
|                    |          |           |                      |                      |                     |              | 1,4-Dioxane                                   | 1.058 ppm v/v |
|                    |          |           |                      |                      |                     |              | 2,2,4-Trimethylpentane                        | 1.047 ppm v/v |
|                    |          |           |                      |                      |                     |              | 2-Chlorotoluene                               | 1.044 ppm v/v |
|                    |          |           |                      |                      |                     |              | 2-Methylbutane                                | 1.044 ppm v/v |
|                    |          |           |                      |                      |                     |              | 3-Chloropropene                               | 1.065 ppm v/v |
|                    |          |           |                      |                      |                     |              | 4-Ethyltoluene                                | 1.033 ppm v/v |
|                    |          |           |                      |                      |                     |              | 4-Isopropyltoluene                            | 1.031 ppm v/v |
|                    |          |           |                      |                      |                     |              | 4-Methyl-2-pentanone (Methyl isobutyl ketone) | 1.024 ppm v/v |

# REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-56451-1

SDG No.: 200-56451-1

| Reagent ID | Exp Date | Prep Date | Dilutant Used | Reagent Final Volume | Parent Reagent |              | Analyte                          | Concentration |
|------------|----------|-----------|---------------|----------------------|----------------|--------------|----------------------------------|---------------|
|            |          |           |               |                      | Reagent ID     | Volume Added |                                  |               |
|            |          |           |               |                      |                |              | Acetone                          | 1.024 ppm v/v |
|            |          |           |               |                      |                |              | Acetonitrile                     | 0.99 ppm v/v  |
|            |          |           |               |                      |                |              | Acrolein                         | 0.972 ppm v/v |
|            |          |           |               |                      |                |              | Acrylonitrile                    | 1.011 ppm v/v |
|            |          |           |               |                      |                |              | Alpha Methyl Styrene             | 1.02 ppm v/v  |
|            |          |           |               |                      |                |              | Benzene                          | 1.033 ppm v/v |
|            |          |           |               |                      |                |              | Benzyl chloride                  | 1.058 ppm v/v |
|            |          |           |               |                      |                |              | Bromodichloromethane             | 1.057 ppm v/v |
|            |          |           |               |                      |                |              | Bromoethene (Vinyl Bromide)      | 1.042 ppm v/v |
|            |          |           |               |                      |                |              | Bromoform                        | 1.029 ppm v/v |
|            |          |           |               |                      |                |              | Bromomethane                     | 1.031 ppm v/v |
|            |          |           |               |                      |                |              | Carbon disulfide                 | 1.016 ppm v/v |
|            |          |           |               |                      |                |              | Carbon tetrachloride             | 1.016 ppm v/v |
|            |          |           |               |                      |                |              | Chlorobenzene                    | 1.049 ppm v/v |
|            |          |           |               |                      |                |              | Chlorodifluoromethane            | 1.048 ppm v/v |
|            |          |           |               |                      |                |              | Chloroethane                     | 1.039 ppm v/v |
|            |          |           |               |                      |                |              | Chloroform                       | 1.01 ppm v/v  |
|            |          |           |               |                      |                |              | Chloromethane                    | 1.092 ppm v/v |
|            |          |           |               |                      |                |              | cis-1,2-Dichloroethene           | 1.01 ppm v/v  |
|            |          |           |               |                      |                |              | cis-1,3-Dichloropropene          | 1.039 ppm v/v |
|            |          |           |               |                      |                |              | Cumene                           | 1.043 ppm v/v |
|            |          |           |               |                      |                |              | Cyclohexane                      | 1.015 ppm v/v |
|            |          |           |               |                      |                |              | Dibromochloromethane             | 0.968 ppm v/v |
|            |          |           |               |                      |                |              | Dibromomethane                   | 1.03 ppm v/v  |
|            |          |           |               |                      |                |              | Dichlorodifluoromethane          | 1.044 ppm v/v |
|            |          |           |               |                      |                |              | Dodecane                         | 0.936 ppm v/v |
|            |          |           |               |                      |                |              | Ethyl acetate                    | 1.013 ppm v/v |
|            |          |           |               |                      |                |              | Ethyl ether                      | 1.008 ppm v/v |
|            |          |           |               |                      |                |              | Ethylbenzene                     | 1.022 ppm v/v |
|            |          |           |               |                      |                |              | Hexachlorobutadiene              | 1.026 ppm v/v |
|            |          |           |               |                      |                |              | Isopropyl alcohol                | 1.022 ppm v/v |
|            |          |           |               |                      |                |              | m,p-Xylene                       | 2.056 ppm v/v |
|            |          |           |               |                      |                |              | Methyl Butyl Ketone (2-Hexanone) | 0.999 ppm v/v |
|            |          |           |               |                      |                |              | Methyl Ethyl Ketone (2-Butanone) | 1.034 ppm v/v |
|            |          |           |               |                      |                |              | Methyl methacrylate              | 1.016 ppm v/v |
|            |          |           |               |                      |                |              | Methyl tert-butyl ether          | 1.045 ppm v/v |
|            |          |           |               |                      |                |              | Methylene Chloride               | 1.028 ppm v/v |
|            |          |           |               |                      |                |              | n-Butane                         | 1.036 ppm v/v |
|            |          |           |               |                      |                |              | n-Butanol                        | 0.955 ppm v/v |
|            |          |           |               |                      |                |              | n-Butylbenzene                   | 1.039 ppm v/v |
|            |          |           |               |                      |                |              | n-Decane                         | 1.042 ppm v/v |
|            |          |           |               |                      |                |              | n-Heptane                        | 1.051 ppm v/v |
|            |          |           |               |                      |                |              | n-Hexane                         | 1.059 ppm v/v |
|            |          |           |               |                      |                |              | n-Nonane                         | 1.048 ppm v/v |
|            |          |           |               |                      |                |              | n-Octane                         | 1.033 ppm v/v |
|            |          |           |               |                      |                |              | n-Propylbenzene                  | 1.04 ppm v/v  |

## REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-56451-1

SDG No.: 200-56451-1

| Reagent ID            | Exp Date | Prep Date | Dilutant Used             | Reagent Final Volume | Parent Reagent      |              | Analyte                        | Concentration   |
|-----------------------|----------|-----------|---------------------------|----------------------|---------------------|--------------|--------------------------------|-----------------|
|                       |          |           |                           |                      | Reagent ID          | Volume Added |                                |                 |
|                       |          |           |                           |                      |                     |              | Naphthalene                    | 0.972 ppm v/v   |
|                       |          |           |                           |                      |                     |              | o-Xylene                       | 1.036 ppm v/v   |
|                       |          |           |                           |                      |                     |              | Pentane                        | 1.013 ppm v/v   |
|                       |          |           |                           |                      |                     |              | Propene                        | 1.032 ppm v/v   |
|                       |          |           |                           |                      |                     |              | sec-Butylbenzene               | 1.046 ppm v/v   |
|                       |          |           |                           |                      |                     |              | Styrene                        | 1.032 ppm v/v   |
|                       |          |           |                           |                      |                     |              | tert-Butyl alcohol             | 1.078 ppm v/v   |
|                       |          |           |                           |                      |                     |              | tert-Butylbenzene              | 1.036 ppm v/v   |
|                       |          |           |                           |                      |                     |              | Tetrachloroethene              | 1.05 ppm v/v    |
|                       |          |           |                           |                      |                     |              | Tetrahydrofuran                | 0.999 ppm v/v   |
|                       |          |           |                           |                      |                     |              | Toluene                        | 1.016 ppm v/v   |
|                       |          |           |                           |                      |                     |              | trans-1,2-Dichloroethene       | 1.02 ppm v/v    |
|                       |          |           |                           |                      |                     |              | trans-1,3-Dichloropropene      | 0.988 ppm v/v   |
|                       |          |           |                           |                      |                     |              | Trichloroethene                | 1.053 ppm v/v   |
|                       |          |           |                           |                      |                     |              | Trichlorofluoromethane         | 1.056 ppm v/v   |
|                       |          |           |                           |                      |                     |              | Undecane                       | 1.046 ppm v/v   |
|                       |          |           |                           |                      |                     |              | Vinyl acetate                  | 1.039 ppm v/v   |
|                       |          |           |                           |                      |                     |              | Vinyl chloride                 | 1.039 ppm v/v   |
| .ATTO15EthCALw_00121  | 12/30/20 | 10/16/20  | Nitrogen, Lot 12          | 37.5 ppb             | ATTO15EthCALs_00009 | 18.75 uL     | Ethanol                        | 500 ppb v/v     |
| ..ATTO15EthCALs_00009 | 09/05/21 |           | Chem Service, Lot 5301900 |                      | (Purchased Reagent) |              | Ethanol                        | 1 mL/mL         |
| ATTO15CAL4w_00756     | 03/14/21 | 12/14/20  | Nitrogen, Lot 12          | 15.463 L             | ATTO15CALSTKi_00137 | 773 mL       | 1,1,1-Trichloroethane          | 10.188 ppb v/v  |
|                       |          |           |                           |                      |                     |              | 1,1,2,2-Tetrachloroethane      | 10.338 ppb v/v  |
|                       |          |           |                           |                      |                     |              | 1,1,2-Trichloroethane          | 10.478 ppb v/v  |
|                       |          |           |                           |                      |                     |              | 1,1,2-Trichlorotrifluoroethane | 10.488 ppb v/v  |
|                       |          |           |                           |                      |                     |              | 1,1-Dichloroethane             | 9.99806 ppb v/v |
|                       |          |           |                           |                      |                     |              | 1,1-Dichloroethene             | 10.278 ppb v/v  |
|                       |          |           |                           |                      |                     |              | 1,2,3-Trichlorobenzene         | 9.11823 ppb v/v |
|                       |          |           |                           |                      |                     |              | 1,2,3-Trichloropropane         | 10.5879 ppb v/v |
|                       |          |           |                           |                      |                     |              | 1,2,4-Trichlorobenzene         | 10.8579 ppb v/v |
|                       |          |           |                           |                      |                     |              | 1,2,4-Trimethylbenzene         | 10.398 ppb v/v  |
|                       |          |           |                           |                      |                     |              | 1,2-Dibromoethane              | 10.6079 ppb v/v |
|                       |          |           |                           |                      |                     |              | 1,2-Dichlorobenzene            | 10.438 ppb v/v  |
|                       |          |           |                           |                      |                     |              | 1,2-Dichloroethane             | 10.358 ppb v/v  |
|                       |          |           |                           |                      |                     |              | 1,2-Dichloropropane            | 10.308 ppb v/v  |

## REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-56451-1

SDG No.: 200-56451-1

| Reagent ID | Exp Date | Prep Date | Dilutant Used | Reagent Final Volume | Parent Reagent |              | Analyte                                       | Concentration   |
|------------|----------|-----------|---------------|----------------------|----------------|--------------|-----------------------------------------------|-----------------|
|            |          |           |               |                      | Reagent ID     | Volume Added |                                               |                 |
|            |          |           |               |                      |                |              | 1,2-Dichlorotetrafluoroethane                 | 10.408 ppb v/v  |
|            |          |           |               |                      |                |              | 1,3,5-Trimethylbenzene                        | 10.388 ppb v/v  |
|            |          |           |               |                      |                |              | 1,3-Butadiene                                 | 10.118 ppb v/v  |
|            |          |           |               |                      |                |              | 1,3-Dichlorobenzene                           | 10.5779 ppb v/v |
|            |          |           |               |                      |                |              | 1,4-Dichlorobenzene                           | 10.468 ppb v/v  |
|            |          |           |               |                      |                |              | 1,4-Dioxane                                   | 10.5779 ppb v/v |
|            |          |           |               |                      |                |              | 2,2,4-Trimethylpentane                        | 10.468 ppb v/v  |
|            |          |           |               |                      |                |              | 2-Chlorotoluene                               | 10.438 ppb v/v  |
|            |          |           |               |                      |                |              | 2-Methylbutane                                | 10.438 ppb v/v  |
|            |          |           |               |                      |                |              | 3-Chloropropene                               | 10.6479 ppb v/v |
|            |          |           |               |                      |                |              | 4-Ethyltoluene                                | 10.328 ppb v/v  |
|            |          |           |               |                      |                |              | 4-Isopropyltoluene                            | 10.308 ppb v/v  |
|            |          |           |               |                      |                |              | 4-Methyl-2-pentanone (Methyl isobutyl ketone) | 10.238 ppb v/v  |
|            |          |           |               |                      |                |              | Acetone                                       | 10.238 ppb v/v  |
|            |          |           |               |                      |                |              | Acetonitrile                                  | 9.89808 ppb v/v |
|            |          |           |               |                      |                |              | Acrolein                                      | 9.71811 ppb v/v |
|            |          |           |               |                      |                |              | Acrylonitrile                                 | 10.108 ppb v/v  |
|            |          |           |               |                      |                |              | Alpha Methyl Styrene                          | 10.198 ppb v/v  |
|            |          |           |               |                      |                |              | Benzene                                       | 10.328 ppb v/v  |
|            |          |           |               |                      |                |              | Benzyl chloride                               | 10.5779 ppb v/v |
|            |          |           |               |                      |                |              | Bromodichloromethane                          | 10.5679 ppb v/v |
|            |          |           |               |                      |                |              | Bromoethene (Vinyl Bromide)                   | 10.418 ppb v/v  |
|            |          |           |               |                      |                |              | Bromoform                                     | 10.288 ppb v/v  |
|            |          |           |               |                      |                |              | Bromomethane                                  | 10.308 ppb v/v  |
|            |          |           |               |                      |                |              | Carbon disulfide                              | 10.158 ppb v/v  |

# REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-56451-1

SDG No.: 200-56451-1

| Reagent ID | Exp Date | Prep Date | Dilutant Used | Reagent Final Volume | Parent Reagent |              | Analyte                          | Concentration   |
|------------|----------|-----------|---------------|----------------------|----------------|--------------|----------------------------------|-----------------|
|            |          |           |               |                      | Reagent ID     | Volume Added |                                  |                 |
|            |          |           |               |                      |                |              | Carbon tetrachloride             | 10.158 ppb v/v  |
|            |          |           |               |                      |                |              | Chlorobenzene                    | 10.488 ppb v/v  |
|            |          |           |               |                      |                |              | Chlorodifluoromethane            | 10.478 ppb v/v  |
|            |          |           |               |                      |                |              | Chloroethane                     | 10.388 ppb v/v  |
|            |          |           |               |                      |                |              | Chloroform                       | 10.098 ppb v/v  |
|            |          |           |               |                      |                |              | Chloromethane                    | 10.9179 ppb v/v |
|            |          |           |               |                      |                |              | cis-1,2-Dichloroethene           | 10.098 ppb v/v  |
|            |          |           |               |                      |                |              | cis-1,3-Dichloropropene          | 10.388 ppb v/v  |
|            |          |           |               |                      |                |              | Cumene                           | 10.428 ppb v/v  |
|            |          |           |               |                      |                |              | Cyclohexane                      | 10.148 ppb v/v  |
|            |          |           |               |                      |                |              | Dibromochloromethane             | 9.67812 ppb v/v |
|            |          |           |               |                      |                |              | Dibromomethane                   | 10.298 ppb v/v  |
|            |          |           |               |                      |                |              | Dichlorodifluoromethane          | 10.438 ppb v/v  |
|            |          |           |               |                      |                |              | Dodecane                         | 9.35818 ppb v/v |
|            |          |           |               |                      |                |              | Ethyl acetate                    | 10.128 ppb v/v  |
|            |          |           |               |                      |                |              | Ethyl ether                      | 10.078 ppb v/v  |
|            |          |           |               |                      |                |              | Ethylbenzene                     | 10.218 ppb v/v  |
|            |          |           |               |                      |                |              | Hexachlorobutadiene              | 10.258 ppb v/v  |
|            |          |           |               |                      |                |              | Isopropyl alcohol                | 10.218 ppb v/v  |
|            |          |           |               |                      |                |              | m,p-Xylene                       | 20.556 ppb v/v  |
|            |          |           |               |                      |                |              | Methyl Butyl Ketone (2-Hexanone) | 9.98806 ppb v/v |
|            |          |           |               |                      |                |              | Methyl Ethyl Ketone (2-Butanone) | 10.338 ppb v/v  |
|            |          |           |               |                      |                |              | Methyl methacrylate              | 10.158 ppb v/v  |
|            |          |           |               |                      |                |              | Methyl tert-butyl ether          | 10.448 ppb v/v  |
|            |          |           |               |                      |                |              | Methylene Chloride               | 10.278 ppb v/v  |

## REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-56451-1SDG No.: 200-56451-1

| Reagent ID | Exp Date | Prep Date | Dilutant Used | Reagent Final Volume | Parent Reagent |              | Analyte                   | Concentration   |
|------------|----------|-----------|---------------|----------------------|----------------|--------------|---------------------------|-----------------|
|            |          |           |               |                      | Reagent ID     | Volume Added |                           |                 |
|            |          |           |               |                      |                |              | n-Butane                  | 10.358 ppb v/v  |
|            |          |           |               |                      |                |              | n-Butanol                 | 9.54815 ppb v/v |
|            |          |           |               |                      |                |              | n-Butylbenzene            | 10.388 ppb v/v  |
|            |          |           |               |                      |                |              | n-Decane                  | 10.418 ppb v/v  |
|            |          |           |               |                      |                |              | n-Heptane                 | 10.508 ppb v/v  |
|            |          |           |               |                      |                |              | n-Hexane                  | 10.5879 ppb v/v |
|            |          |           |               |                      |                |              | n-Nonane                  | 10.478 ppb v/v  |
|            |          |           |               |                      |                |              | n-Octane                  | 10.328 ppb v/v  |
|            |          |           |               |                      |                |              | n-Propylbenzene           | 10.398 ppb v/v  |
|            |          |           |               |                      |                |              | Naphthalene               | 9.71811 ppb v/v |
|            |          |           |               |                      |                |              | o-Xylene                  | 10.358 ppb v/v  |
|            |          |           |               |                      |                |              | Pentane                   | 10.128 ppb v/v  |
|            |          |           |               |                      |                |              | Propene                   | 10.318 ppb v/v  |
|            |          |           |               |                      |                |              | sec-Butylbenzene          | 10.458 ppb v/v  |
|            |          |           |               |                      |                |              | Styrene                   | 10.318 ppb v/v  |
|            |          |           |               |                      |                |              | tert-Butyl alcohol        | 10.7779 ppb v/v |
|            |          |           |               |                      |                |              | tert-Butylbenzene         | 10.358 ppb v/v  |
|            |          |           |               |                      |                |              | Tetrachloroethene         | 10.498 ppb v/v  |
|            |          |           |               |                      |                |              | Tetrahydrofuran           | 9.98806 ppb v/v |
|            |          |           |               |                      |                |              | Toluene                   | 10.158 ppb v/v  |
|            |          |           |               |                      |                |              | trans-1,2-Dichloroethene  | 10.198 ppb v/v  |
|            |          |           |               |                      |                |              | trans-1,3-Dichloropropene | 9.87808 ppb v/v |
|            |          |           |               |                      |                |              | Trichloroethene           | 10.528 ppb v/v  |
|            |          |           |               |                      |                |              | Trichlorofluoromethane    | 10.558 ppb v/v  |
|            |          |           |               |                      |                |              | Undecane                  | 10.458 ppb v/v  |



REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-56451-1

SDG No.: 200-56451-1

| Reagent ID           | Exp Date | Prep Date | Dilutant Used    | Reagent Final Volume | Parent Reagent   |              | Analyte                                       | Concentration   |
|----------------------|----------|-----------|------------------|----------------------|------------------|--------------|-----------------------------------------------|-----------------|
|                      |          |           |                  |                      | Reagent ID       | Volume Added |                                               |                 |
|                      |          |           |                  |                      |                  |              | Vinyl acetate                                 | 10.388 ppb v/v  |
|                      |          |           |                  |                      |                  |              | Vinyl chloride                                | 10.388 ppb v/v  |
|                      |          |           |                  |                      |                  |              | Ethanol                                       | 15.0036 ppb v/v |
| .ATTO15CALSTKi_00137 | 03/14/21 | 12/14/20  | Nitrogen, Lot 13 | 15 L                 | ATTO15CALs_00042 | 3000 mL      | 1,1,1-Trichloroethane                         | 203.8 ppb v/v   |
|                      |          |           |                  |                      |                  |              | 1,1,2,2-Tetrachloroethane                     | 206.8 ppb v/v   |
|                      |          |           |                  |                      |                  |              | 1,1,2-Trichloroethane                         | 209.6 ppb v/v   |
|                      |          |           |                  |                      |                  |              | 1,1,2-Trichlorotrifluoroethane                | 209.8 ppb v/v   |
|                      |          |           |                  |                      |                  |              | 1,1-Dichloroethane                            | 200 ppb v/v     |
|                      |          |           |                  |                      |                  |              | 1,1-Dichloroethene                            | 205.6 ppb v/v   |
|                      |          |           |                  |                      |                  |              | 1,2,3-Trichlorobenzene                        | 182.4 ppb v/v   |
|                      |          |           |                  |                      |                  |              | 1,2,3-Trichloropropane                        | 211.8 ppb v/v   |
|                      |          |           |                  |                      |                  |              | 1,2,4-Trichlorobenzene                        | 217.2 ppb v/v   |
|                      |          |           |                  |                      |                  |              | 1,2,4-Trimethylbenzene                        | 208 ppb v/v     |
|                      |          |           |                  |                      |                  |              | 1,2-Dibromoethane                             | 212.2 ppb v/v   |
|                      |          |           |                  |                      |                  |              | 1,2-Dichlorobenzene                           | 208.8 ppb v/v   |
|                      |          |           |                  |                      |                  |              | 1,2-Dichloroethane                            | 207.2 ppb v/v   |
|                      |          |           |                  |                      |                  |              | 1,2-Dichloropropane                           | 206.2 ppb v/v   |
|                      |          |           |                  |                      |                  |              | 1,2-Dichlorotetrafluoroethane                 | 208.2 ppb v/v   |
|                      |          |           |                  |                      |                  |              | 1,3,5-Trimethylbenzene                        | 207.8 ppb v/v   |
|                      |          |           |                  |                      |                  |              | 1,3-Butadiene                                 | 202.4 ppb v/v   |
|                      |          |           |                  |                      |                  |              | 1,3-Dichlorobenzene                           | 211.6 ppb v/v   |
|                      |          |           |                  |                      |                  |              | 1,4-Dichlorobenzene                           | 209.4 ppb v/v   |
|                      |          |           |                  |                      |                  |              | 1,4-Dioxane                                   | 211.6 ppb v/v   |
|                      |          |           |                  |                      |                  |              | 2,2,4-Trimethylpentane                        | 209.4 ppb v/v   |
|                      |          |           |                  |                      |                  |              | 2-Chlorotoluene                               | 208.8 ppb v/v   |
|                      |          |           |                  |                      |                  |              | 2-Methylbutane                                | 208.8 ppb v/v   |
|                      |          |           |                  |                      |                  |              | 3-Chloropropene                               | 213 ppb v/v     |
|                      |          |           |                  |                      |                  |              | 4-Ethyltoluene                                | 206.6 ppb v/v   |
|                      |          |           |                  |                      |                  |              | 4-Isopropyltoluene                            | 206.2 ppb v/v   |
|                      |          |           |                  |                      |                  |              | 4-Methyl-2-pentanone (Methyl isobutyl ketone) | 204.8 ppb v/v   |
|                      |          |           |                  |                      |                  |              | Acetone                                       | 204.8 ppb v/v   |
|                      |          |           |                  |                      |                  |              | Acetonitrile                                  | 198 ppb v/v     |
|                      |          |           |                  |                      |                  |              | Acrolein                                      | 194.4 ppb v/v   |
|                      |          |           |                  |                      |                  |              | Acrylonitrile                                 | 202.2 ppb v/v   |
|                      |          |           |                  |                      |                  |              | Alpha Methyl Styrene                          | 204 ppb v/v     |
|                      |          |           |                  |                      |                  |              | Benzene                                       | 206.6 ppb v/v   |
|                      |          |           |                  |                      |                  |              | Benzyl chloride                               | 211.6 ppb v/v   |
|                      |          |           |                  |                      |                  |              | Bromodichloromethane                          | 211.4 ppb v/v   |
|                      |          |           |                  |                      |                  |              | Bromoethene (Vinyl Bromide)                   | 208.4 ppb v/v   |
|                      |          |           |                  |                      |                  |              | Bromoform                                     | 205.8 ppb v/v   |
|                      |          |           |                  |                      |                  |              | Bromomethane                                  | 206.2 ppb v/v   |
|                      |          |           |                  |                      |                  |              | Carbon disulfide                              | 203.2 ppb v/v   |
|                      |          |           |                  |                      |                  |              | Carbon tetrachloride                          | 203.2 ppb v/v   |
|                      |          |           |                  |                      |                  |              | Chlorobenzene                                 | 209.8 ppb v/v   |

# REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-56451-1

SDG No.: 200-56451-1

| Reagent ID | Exp Date | Prep Date | Dilutant Used | Reagent Final Volume | Parent Reagent |              | Analyte                          | Concentration |
|------------|----------|-----------|---------------|----------------------|----------------|--------------|----------------------------------|---------------|
|            |          |           |               |                      | Reagent ID     | Volume Added |                                  |               |
|            |          |           |               |                      |                |              | Chlorodifluoromethane            | 209.6 ppb v/v |
|            |          |           |               |                      |                |              | Chloroethane                     | 207.8 ppb v/v |
|            |          |           |               |                      |                |              | Chloroform                       | 202 ppb v/v   |
|            |          |           |               |                      |                |              | Chloromethane                    | 218.4 ppb v/v |
|            |          |           |               |                      |                |              | cis-1,2-Dichloroethene           | 202 ppb v/v   |
|            |          |           |               |                      |                |              | cis-1,3-Dichloropropene          | 207.8 ppb v/v |
|            |          |           |               |                      |                |              | Cumene                           | 208.6 ppb v/v |
|            |          |           |               |                      |                |              | Cyclohexane                      | 203 ppb v/v   |
|            |          |           |               |                      |                |              | Dibromochloromethane             | 193.6 ppb v/v |
|            |          |           |               |                      |                |              | Dibromomethane                   | 206 ppb v/v   |
|            |          |           |               |                      |                |              | Dichlorodifluoromethane          | 208.8 ppb v/v |
|            |          |           |               |                      |                |              | Dodecane                         | 187.2 ppb v/v |
|            |          |           |               |                      |                |              | Ethyl acetate                    | 202.6 ppb v/v |
|            |          |           |               |                      |                |              | Ethyl ether                      | 201.6 ppb v/v |
|            |          |           |               |                      |                |              | Ethylbenzene                     | 204.4 ppb v/v |
|            |          |           |               |                      |                |              | Hexachlorobutadiene              | 205.2 ppb v/v |
|            |          |           |               |                      |                |              | Isopropyl alcohol                | 204.4 ppb v/v |
|            |          |           |               |                      |                |              | m,p-Xylene                       | 411.2 ppb v/v |
|            |          |           |               |                      |                |              | Methyl Butyl Ketone (2-Hexanone) | 199.8 ppb v/v |
|            |          |           |               |                      |                |              | Methyl Ethyl Ketone (2-Butanone) | 206.8 ppb v/v |
|            |          |           |               |                      |                |              | Methyl methacrylate              | 203.2 ppb v/v |
|            |          |           |               |                      |                |              | Methyl tert-butyl ether          | 209 ppb v/v   |
|            |          |           |               |                      |                |              | Methylene Chloride               | 205.6 ppb v/v |
|            |          |           |               |                      |                |              | n-Butane                         | 207.2 ppb v/v |
|            |          |           |               |                      |                |              | n-Butanol                        | 191 ppb v/v   |
|            |          |           |               |                      |                |              | n-Butylbenzene                   | 207.8 ppb v/v |
|            |          |           |               |                      |                |              | n-Decane                         | 208.4 ppb v/v |
|            |          |           |               |                      |                |              | n-Heptane                        | 210.2 ppb v/v |
|            |          |           |               |                      |                |              | n-Hexane                         | 211.8 ppb v/v |
|            |          |           |               |                      |                |              | n-Nonane                         | 209.6 ppb v/v |
|            |          |           |               |                      |                |              | n-Octane                         | 206.6 ppb v/v |
|            |          |           |               |                      |                |              | n-Propylbenzene                  | 208 ppb v/v   |
|            |          |           |               |                      |                |              | Naphthalene                      | 194.4 ppb v/v |
|            |          |           |               |                      |                |              | o-Xylene                         | 207.2 ppb v/v |
|            |          |           |               |                      |                |              | Pentane                          | 202.6 ppb v/v |
|            |          |           |               |                      |                |              | Propene                          | 206.4 ppb v/v |
|            |          |           |               |                      |                |              | sec-Butylbenzene                 | 209.2 ppb v/v |
|            |          |           |               |                      |                |              | Styrene                          | 206.4 ppb v/v |
|            |          |           |               |                      |                |              | tert-Butyl alcohol               | 215.6 ppb v/v |
|            |          |           |               |                      |                |              | tert-Butylbenzene                | 207.2 ppb v/v |
|            |          |           |               |                      |                |              | Tetrachloroethene                | 210 ppb v/v   |
|            |          |           |               |                      |                |              | Tetrahydrofuran                  | 199.8 ppb v/v |
|            |          |           |               |                      |                |              | Toluene                          | 203.2 ppb v/v |
|            |          |           |               |                      |                |              | trans-1,2-Dichloroethene         | 204 ppb v/v   |
|            |          |           |               |                      |                |              | trans-1,3-Dichloropropene        | 197.6 ppb v/v |
|            |          |           |               |                      |                |              | Trichloroethene                  | 210.6 ppb v/v |

## REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-56451-1

SDG No.: 200-56451-1

| Reagent ID         | Exp Date | Prep Date | Dilutant Used        | Reagent Final Volume | Parent Reagent      |              | Analyte                                       | Concentration |
|--------------------|----------|-----------|----------------------|----------------------|---------------------|--------------|-----------------------------------------------|---------------|
|                    |          |           |                      |                      | Reagent ID          | Volume Added |                                               |               |
|                    |          |           |                      |                      |                     |              | Trichlorofluoromethane                        | 211.2 ppb v/v |
|                    |          |           |                      |                      |                     |              | Undecane                                      | 209.2 ppb v/v |
|                    |          |           |                      |                      |                     |              | Vinyl acetate                                 | 207.8 ppb v/v |
|                    |          |           |                      |                      |                     |              | Vinyl chloride                                | 207.8 ppb v/v |
| ..ATTO15CALs_00042 | 12/13/21 |           | Linde, Lot CC-237336 |                      | (Purchased Reagent) |              | 1,1,1-Trichloroethane                         | 1.019 ppm v/v |
|                    |          |           |                      |                      |                     |              | 1,1,2,2-Tetrachloroethane                     | 1.034 ppm v/v |
|                    |          |           |                      |                      |                     |              | 1,1,2-Trichloroethane                         | 1.048 ppm v/v |
|                    |          |           |                      |                      |                     |              | 1,1,2-Trichlorotrifluoroethane                | 1.049 ppm v/v |
|                    |          |           |                      |                      |                     |              | 1,1-Dichloroethane                            | 1 ppm v/v     |
|                    |          |           |                      |                      |                     |              | 1,1-Dichloroethene                            | 1.028 ppm v/v |
|                    |          |           |                      |                      |                     |              | 1,2,3-Trichlorobenzene                        | 0.912 ppm v/v |
|                    |          |           |                      |                      |                     |              | 1,2,3-Trichloropropane                        | 1.059 ppm v/v |
|                    |          |           |                      |                      |                     |              | 1,2,4-Trichlorobenzene                        | 1.086 ppm v/v |
|                    |          |           |                      |                      |                     |              | 1,2,4-Trimethylbenzene                        | 1.04 ppm v/v  |
|                    |          |           |                      |                      |                     |              | 1,2-Dibromoethane                             | 1.061 ppm v/v |
|                    |          |           |                      |                      |                     |              | 1,2-Dichlorobenzene                           | 1.044 ppm v/v |
|                    |          |           |                      |                      |                     |              | 1,2-Dichloroethane                            | 1.036 ppm v/v |
|                    |          |           |                      |                      |                     |              | 1,2-Dichloropropane                           | 1.031 ppm v/v |
|                    |          |           |                      |                      |                     |              | 1,2-Dichlorotetrafluoroethane                 | 1.041 ppm v/v |
|                    |          |           |                      |                      |                     |              | 1,3,5-Trimethylbenzene                        | 1.039 ppm v/v |
|                    |          |           |                      |                      |                     |              | 1,3-Butadiene                                 | 1.012 ppm v/v |
|                    |          |           |                      |                      |                     |              | 1,3-Dichlorobenzene                           | 1.058 ppm v/v |
|                    |          |           |                      |                      |                     |              | 1,4-Dichlorobenzene                           | 1.047 ppm v/v |
|                    |          |           |                      |                      |                     |              | 1,4-Dioxane                                   | 1.058 ppm v/v |
|                    |          |           |                      |                      |                     |              | 2,2,4-Trimethylpentane                        | 1.047 ppm v/v |
|                    |          |           |                      |                      |                     |              | 2-Chlorotoluene                               | 1.044 ppm v/v |
|                    |          |           |                      |                      |                     |              | 2-Methylbutane                                | 1.044 ppm v/v |
|                    |          |           |                      |                      |                     |              | 3-Chloropropene                               | 1.065 ppm v/v |
|                    |          |           |                      |                      |                     |              | 4-Ethyltoluene                                | 1.033 ppm v/v |
|                    |          |           |                      |                      |                     |              | 4-Isopropyltoluene                            | 1.031 ppm v/v |
|                    |          |           |                      |                      |                     |              | 4-Methyl-2-pentanone (Methyl isobutyl ketone) | 1.024 ppm v/v |
|                    |          |           |                      |                      |                     |              | Acetone                                       | 1.024 ppm v/v |
|                    |          |           |                      |                      |                     |              | Acetonitrile                                  | 0.99 ppm v/v  |
|                    |          |           |                      |                      |                     |              | Acrolein                                      | 0.972 ppm v/v |
|                    |          |           |                      |                      |                     |              | Acrylonitrile                                 | 1.011 ppm v/v |
|                    |          |           |                      |                      |                     |              | Alpha Methyl Styrene                          | 1.02 ppm v/v  |
|                    |          |           |                      |                      |                     |              | Benzene                                       | 1.033 ppm v/v |
|                    |          |           |                      |                      |                     |              | Benzyl chloride                               | 1.058 ppm v/v |
|                    |          |           |                      |                      |                     |              | Bromodichloromethane                          | 1.057 ppm v/v |
|                    |          |           |                      |                      |                     |              | Bromoethene (Vinyl Bromide)                   | 1.042 ppm v/v |
|                    |          |           |                      |                      |                     |              | Bromoform                                     | 1.029 ppm v/v |
|                    |          |           |                      |                      |                     |              | Bromomethane                                  | 1.031 ppm v/v |
|                    |          |           |                      |                      |                     |              | Carbon disulfide                              | 1.016 ppm v/v |
|                    |          |           |                      |                      |                     |              | Carbon tetrachloride                          | 1.016 ppm v/v |
|                    |          |           |                      |                      |                     |              | Chlorobenzene                                 | 1.049 ppm v/v |
|                    |          |           |                      |                      |                     |              | Chlorodifluoromethane                         | 1.048 ppm v/v |
|                    |          |           |                      |                      |                     |              | Chloroethane                                  | 1.039 ppm v/v |

## REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-56451-1

SDG No.: 200-56451-1

| Reagent ID | Exp Date | Prep Date | Dilutant Used | Reagent Final Volume | Parent Reagent |              | Analyte                          | Concentration |
|------------|----------|-----------|---------------|----------------------|----------------|--------------|----------------------------------|---------------|
|            |          |           |               |                      | Reagent ID     | Volume Added |                                  |               |
|            |          |           |               |                      |                |              | Chloroform                       | 1.01 ppm v/v  |
|            |          |           |               |                      |                |              | Chloromethane                    | 1.092 ppm v/v |
|            |          |           |               |                      |                |              | cis-1,2-Dichloroethene           | 1.01 ppm v/v  |
|            |          |           |               |                      |                |              | cis-1,3-Dichloropropene          | 1.039 ppm v/v |
|            |          |           |               |                      |                |              | Cumene                           | 1.043 ppm v/v |
|            |          |           |               |                      |                |              | Cyclohexane                      | 1.015 ppm v/v |
|            |          |           |               |                      |                |              | Dibromochloromethane             | 0.968 ppm v/v |
|            |          |           |               |                      |                |              | Dibromomethane                   | 1.03 ppm v/v  |
|            |          |           |               |                      |                |              | Dichlorodifluoromethane          | 1.044 ppm v/v |
|            |          |           |               |                      |                |              | Dodecane                         | 0.936 ppm v/v |
|            |          |           |               |                      |                |              | Ethyl acetate                    | 1.013 ppm v/v |
|            |          |           |               |                      |                |              | Ethyl ether                      | 1.008 ppm v/v |
|            |          |           |               |                      |                |              | Ethylbenzene                     | 1.022 ppm v/v |
|            |          |           |               |                      |                |              | Hexachlorobutadiene              | 1.026 ppm v/v |
|            |          |           |               |                      |                |              | Isopropyl alcohol                | 1.022 ppm v/v |
|            |          |           |               |                      |                |              | m,p-Xylene                       | 2.056 ppm v/v |
|            |          |           |               |                      |                |              | Methyl Butyl Ketone (2-Hexanone) | 0.999 ppm v/v |
|            |          |           |               |                      |                |              | Methyl Ethyl Ketone (2-Butanone) | 1.034 ppm v/v |
|            |          |           |               |                      |                |              | Methyl methacrylate              | 1.016 ppm v/v |
|            |          |           |               |                      |                |              | Methyl tert-butyl ether          | 1.045 ppm v/v |
|            |          |           |               |                      |                |              | Methylene Chloride               | 1.028 ppm v/v |
|            |          |           |               |                      |                |              | n-Butane                         | 1.036 ppm v/v |
|            |          |           |               |                      |                |              | n-Butanol                        | 0.955 ppm v/v |
|            |          |           |               |                      |                |              | n-Butylbenzene                   | 1.039 ppm v/v |
|            |          |           |               |                      |                |              | n-Decane                         | 1.042 ppm v/v |
|            |          |           |               |                      |                |              | n-Heptane                        | 1.051 ppm v/v |
|            |          |           |               |                      |                |              | n-Hexane                         | 1.059 ppm v/v |
|            |          |           |               |                      |                |              | n-Nonane                         | 1.048 ppm v/v |
|            |          |           |               |                      |                |              | n-Octane                         | 1.033 ppm v/v |
|            |          |           |               |                      |                |              | n-Propylbenzene                  | 1.04 ppm v/v  |
|            |          |           |               |                      |                |              | Naphthalene                      | 0.972 ppm v/v |
|            |          |           |               |                      |                |              | o-Xylene                         | 1.036 ppm v/v |
|            |          |           |               |                      |                |              | Pentane                          | 1.013 ppm v/v |
|            |          |           |               |                      |                |              | Propene                          | 1.032 ppm v/v |
|            |          |           |               |                      |                |              | sec-Butylbenzene                 | 1.046 ppm v/v |
|            |          |           |               |                      |                |              | Styrene                          | 1.032 ppm v/v |
|            |          |           |               |                      |                |              | tert-Butyl alcohol               | 1.078 ppm v/v |
|            |          |           |               |                      |                |              | tert-Butylbenzene                | 1.036 ppm v/v |
|            |          |           |               |                      |                |              | Tetrachloroethene                | 1.05 ppm v/v  |
|            |          |           |               |                      |                |              | Tetrahydrofuran                  | 0.999 ppm v/v |
|            |          |           |               |                      |                |              | Toluene                          | 1.016 ppm v/v |
|            |          |           |               |                      |                |              | trans-1,2-Dichloroethene         | 1.02 ppm v/v  |
|            |          |           |               |                      |                |              | trans-1,3-Dichloropropene        | 0.988 ppm v/v |
|            |          |           |               |                      |                |              | Trichloroethene                  | 1.053 ppm v/v |
|            |          |           |               |                      |                |              | Trichlorofluoromethane           | 1.056 ppm v/v |
|            |          |           |               |                      |                |              | Undecane                         | 1.046 ppm v/v |

## REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-56451-1

SDG No.: 200-56451-1

| Reagent ID            | Exp Date | Prep Date | Dilutant Used             | Reagent Final Volume | Parent Reagent      |              | Analyte                        | Concentration   |
|-----------------------|----------|-----------|---------------------------|----------------------|---------------------|--------------|--------------------------------|-----------------|
|                       |          |           |                           |                      | Reagent ID          | Volume Added |                                |                 |
|                       |          |           |                           |                      |                     |              | Vinyl acetate                  | 1.039 ppm v/v   |
|                       |          |           |                           |                      |                     |              | Vinyl chloride                 | 1.039 ppm v/v   |
| .ATTO15EthCALw_00123  | 03/14/21 | 12/14/20  | Nitrogen, Lot 12          | 37.5 ppb             | ATTO15EthCALs_00009 | 18.75 uL     | Ethanol                        | 500 ppb v/v     |
| ..ATTO15EthCALs_00009 | 09/05/21 |           | Chem Service, Lot 5301900 |                      | (Purchased Reagent) |              | Ethanol                        | 1 mL/mL         |
| ATTO15CAL5w_00100     | 12/13/20 | 10/19/20  | Nitrogen, Lot 12          | 15.463 L             | ATTO15CALSTKi_00134 | 1160 mL      | 1,1,1-Trichloroethane          | 15.2886 ppb v/v |
|                       |          |           |                           |                      |                     |              | 1,1,2,2-Tetrachloroethane      | 15.5137 ppb v/v |
|                       |          |           |                           |                      |                     |              | 1,1,2-Trichloroethane          | 15.7237 ppb v/v |
|                       |          |           |                           |                      |                     |              | 1,1,2-Trichlorotrifluoroethane | 15.7387 ppb v/v |
|                       |          |           |                           |                      |                     |              | 1,1-Dichloroethane             | 15.0036 ppb v/v |
|                       |          |           |                           |                      |                     |              | 1,1-Dichloroethene             | 15.4237 ppb v/v |
|                       |          |           |                           |                      |                     |              | 1,2,3-Trichlorobenzene         | 13.6832 ppb v/v |
|                       |          |           |                           |                      |                     |              | 1,2,3-Trichloropropane         | 15.8888 ppb v/v |
|                       |          |           |                           |                      |                     |              | 1,2,4-Trichlorobenzene         | 16.2939 ppb v/v |
|                       |          |           |                           |                      |                     |              | 1,2,4-Trimethylbenzene         | 15.6037 ppb v/v |
|                       |          |           |                           |                      |                     |              | 1,2-Dibromoethane              | 15.9188 ppb v/v |
|                       |          |           |                           |                      |                     |              | 1,2-Dichlorobenzene            | 15.6637 ppb v/v |
|                       |          |           |                           |                      |                     |              | 1,2-Dichloroethane             | 15.5437 ppb v/v |
|                       |          |           |                           |                      |                     |              | 1,2-Dichloropropane            | 15.4687 ppb v/v |
|                       |          |           |                           |                      |                     |              | 1,2-Dichlorotetrafluoroethane  | 15.6187 ppb v/v |
|                       |          |           |                           |                      |                     |              | 1,3,5-Trimethylbenzene         | 15.5887 ppb v/v |
|                       |          |           |                           |                      |                     |              | 1,3-Butadiene                  | 15.1836 ppb v/v |
|                       |          |           |                           |                      |                     |              | 1,3-Dichlorobenzene            | 15.8738 ppb v/v |
|                       |          |           |                           |                      |                     |              | 1,4-Dichlorobenzene            | 15.7087 ppb v/v |
|                       |          |           |                           |                      |                     |              | 1,4-Dioxane                    | 15.8738 ppb v/v |
|                       |          |           |                           |                      |                     |              | 2,2,4-Trimethylpentane         | 15.7087 ppb v/v |
|                       |          |           |                           |                      |                     |              | 2-Chlorotoluene                | 15.6637 ppb v/v |
|                       |          |           |                           |                      |                     |              | 2-Methylbutane                 | 15.6637 ppb v/v |

# REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-56451-1

SDG No.: 200-56451-1

| Reagent ID | Exp Date | Prep Date | Dilutant Used | Reagent Final Volume | Parent Reagent |              | Analyte                                       | Concentration   |
|------------|----------|-----------|---------------|----------------------|----------------|--------------|-----------------------------------------------|-----------------|
|            |          |           |               |                      | Reagent ID     | Volume Added |                                               |                 |
|            |          |           |               |                      |                |              | 3-Chloropropene                               | 15.9788 ppb v/v |
|            |          |           |               |                      |                |              | 4-Ethyltoluene                                | 15.4987 ppb v/v |
|            |          |           |               |                      |                |              | 4-Isopropyltoluene                            | 15.4687 ppb v/v |
|            |          |           |               |                      |                |              | 4-Methyl-2-pentanone (Methyl isobutyl ketone) | 15.3636 ppb v/v |
|            |          |           |               |                      |                |              | Acetone                                       | 15.3636 ppb v/v |
|            |          |           |               |                      |                |              | Acetonitrile                                  | 14.8535 ppb v/v |
|            |          |           |               |                      |                |              | Acrolein                                      | 14.5835 ppb v/v |
|            |          |           |               |                      |                |              | Acrylonitrile                                 | 15.1686 ppb v/v |
|            |          |           |               |                      |                |              | Alpha Methyl Styrene                          | 15.3036 ppb v/v |
|            |          |           |               |                      |                |              | Benzene                                       | 15.4987 ppb v/v |
|            |          |           |               |                      |                |              | Benzyl chloride                               | 15.8738 ppb v/v |
|            |          |           |               |                      |                |              | Bromodichloromethane                          | 15.8588 ppb v/v |
|            |          |           |               |                      |                |              | Bromoethene (Vinyl Bromide)                   | 15.6337 ppb v/v |
|            |          |           |               |                      |                |              | Bromoform                                     | 15.4387 ppb v/v |
|            |          |           |               |                      |                |              | Bromomethane                                  | 15.4687 ppb v/v |
|            |          |           |               |                      |                |              | Carbon disulfide                              | 15.2436 ppb v/v |
|            |          |           |               |                      |                |              | Carbon tetrachloride                          | 15.2436 ppb v/v |
|            |          |           |               |                      |                |              | Chlorobenzene                                 | 15.7387 ppb v/v |
|            |          |           |               |                      |                |              | Chlorodifluoromethane                         | 15.7237 ppb v/v |
|            |          |           |               |                      |                |              | Chloroethane                                  | 15.5887 ppb v/v |
|            |          |           |               |                      |                |              | Chloroform                                    | 15.1536 ppb v/v |
|            |          |           |               |                      |                |              | Chloromethane                                 | 16.3839 ppb v/v |
|            |          |           |               |                      |                |              | cis-1,2-Dichloroethene                        | 15.1536 ppb v/v |
|            |          |           |               |                      |                |              | cis-1,3-Dichloropropene                       | 15.5887 ppb v/v |
|            |          |           |               |                      |                |              | Cumene                                        | 15.6487 ppb v/v |

# REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-56451-1

SDG No.: 200-56451-1

| Reagent ID | Exp Date | Prep Date | Dilutant Used | Reagent Final Volume | Parent Reagent |              | Analyte                          | Concentration   |
|------------|----------|-----------|---------------|----------------------|----------------|--------------|----------------------------------|-----------------|
|            |          |           |               |                      | Reagent ID     | Volume Added |                                  |                 |
|            |          |           |               |                      |                |              | Cyclohexane                      | 15.2286 ppb v/v |
|            |          |           |               |                      |                |              | Dibromochloromethane             | 14.5234 ppb v/v |
|            |          |           |               |                      |                |              | Dibromomethane                   | 15.4537 ppb v/v |
|            |          |           |               |                      |                |              | Dichlorodifluoromethane          | 15.6637 ppb v/v |
|            |          |           |               |                      |                |              | Dodecane                         | 14.0433 ppb v/v |
|            |          |           |               |                      |                |              | Ethyl acetate                    | 15.1986 ppb v/v |
|            |          |           |               |                      |                |              | Ethyl ether                      | 15.1236 ppb v/v |
|            |          |           |               |                      |                |              | Ethylbenzene                     | 15.3336 ppb v/v |
|            |          |           |               |                      |                |              | Hexachlorobutadiene              | 15.3936 ppb v/v |
|            |          |           |               |                      |                |              | Isopropyl alcohol                | 15.3336 ppb v/v |
|            |          |           |               |                      |                |              | m,p-Xylene                       | 30.8473 ppb v/v |
|            |          |           |               |                      |                |              | Methyl Butyl Ketone (2-Hexanone) | 14.9886 ppb v/v |
|            |          |           |               |                      |                |              | Methyl Ethyl Ketone (2-Butanone) | 15.5137 ppb v/v |
|            |          |           |               |                      |                |              | Methyl methacrylate              | 15.2436 ppb v/v |
|            |          |           |               |                      |                |              | Methyl tert-butyl ether          | 15.6787 ppb v/v |
|            |          |           |               |                      |                |              | Methylene Chloride               | 15.4237 ppb v/v |
|            |          |           |               |                      |                |              | n-Butane                         | 15.5437 ppb v/v |
|            |          |           |               |                      |                |              | n-Butanol                        | 14.3284 ppb v/v |
|            |          |           |               |                      |                |              | n-Butylbenzene                   | 15.5887 ppb v/v |
|            |          |           |               |                      |                |              | n-Decane                         | 15.6337 ppb v/v |
|            |          |           |               |                      |                |              | n-Heptane                        | 15.7687 ppb v/v |
|            |          |           |               |                      |                |              | n-Hexane                         | 15.8888 ppb v/v |
|            |          |           |               |                      |                |              | n-Nonane                         | 15.7237 ppb v/v |
|            |          |           |               |                      |                |              | n-Octane                         | 15.4987 ppb v/v |
|            |          |           |               |                      |                |              | n-Propylbenzene                  | 15.6037 ppb v/v |

## REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-56451-1

SDG No.: 200-56451-1

| Reagent ID           | Exp Date | Prep Date | Dilutant Used    | Reagent Final Volume | Parent Reagent      |              | Analyte                        | Concentration   |
|----------------------|----------|-----------|------------------|----------------------|---------------------|--------------|--------------------------------|-----------------|
|                      |          |           |                  |                      | Reagent ID          | Volume Added |                                |                 |
|                      |          |           |                  |                      |                     |              | Naphthalene                    | 14.5835 ppb v/v |
|                      |          |           |                  |                      |                     |              | o-Xylene                       | 15.5437 ppb v/v |
|                      |          |           |                  |                      |                     |              | Pentane                        | 15.1986 ppb v/v |
|                      |          |           |                  |                      |                     |              | Propene                        | 15.4837 ppb v/v |
|                      |          |           |                  |                      |                     |              | sec-Butylbenzene               | 15.6937 ppb v/v |
|                      |          |           |                  |                      |                     |              | Styrene                        | 15.4837 ppb v/v |
|                      |          |           |                  |                      |                     |              | tert-Butyl alcohol             | 16.1738 ppb v/v |
|                      |          |           |                  |                      |                     |              | tert-Butylbenzene              | 15.5437 ppb v/v |
|                      |          |           |                  |                      |                     |              | Tetrachloroethene              | 15.7537 ppb v/v |
|                      |          |           |                  |                      |                     |              | Tetrahydrofuran                | 14.9886 ppb v/v |
|                      |          |           |                  |                      |                     |              | Toluene                        | 15.2436 ppb v/v |
|                      |          |           |                  |                      |                     |              | trans-1,2-Dichloroethene       | 15.3036 ppb v/v |
|                      |          |           |                  |                      |                     |              | trans-1,3-Dichloropropene      | 14.8235 ppb v/v |
|                      |          |           |                  |                      |                     |              | Trichloroethene                | 15.7987 ppb v/v |
|                      |          |           |                  |                      |                     |              | Trichlorofluoromethane         | 15.8438 ppb v/v |
|                      |          |           |                  |                      |                     |              | Undecane                       | 15.6937 ppb v/v |
|                      |          |           |                  |                      |                     |              | Vinyl acetate                  | 15.5887 ppb v/v |
|                      |          |           |                  |                      |                     |              | Vinyl chloride                 | 15.5887 ppb v/v |
|                      |          |           |                  |                      | ATTO15EthCALw_00121 | 620 mL       | Ethanol                        | 20.0479 ppb v/v |
| .ATTO15CALSTKi_00134 | 12/13/20 | 10/16/20  | Nitrogen, Lot 13 | 15 L                 | ATTO15CALs_00039    | 3000 mL      | 1,1,1-Trichloroethane          | 203.8 ppb v/v   |
|                      |          |           |                  |                      |                     |              | 1,1,2,2-Tetrachloroethane      | 206.8 ppb v/v   |
|                      |          |           |                  |                      |                     |              | 1,1,2-Trichloroethane          | 209.6 ppb v/v   |
|                      |          |           |                  |                      |                     |              | 1,1,2-Trichlorotrifluoroethane | 209.8 ppb v/v   |
|                      |          |           |                  |                      |                     |              | 1,1-Dichloroethane             | 200 ppb v/v     |
|                      |          |           |                  |                      |                     |              | 1,1-Dichloroethene             | 205.6 ppb v/v   |
|                      |          |           |                  |                      |                     |              | 1,2,3-Trichlorobenzene         | 182.4 ppb v/v   |
|                      |          |           |                  |                      |                     |              | 1,2,3-Trichloropropane         | 211.8 ppb v/v   |
|                      |          |           |                  |                      |                     |              | 1,2,4-Trichlorobenzene         | 217.2 ppb v/v   |
|                      |          |           |                  |                      |                     |              | 1,2,4-Trimethylbenzene         | 208 ppb v/v     |
|                      |          |           |                  |                      |                     |              | 1,2-Dibromoethane              | 212.2 ppb v/v   |
|                      |          |           |                  |                      |                     |              | 1,2-Dichlorobenzene            | 208.8 ppb v/v   |



## REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-56451-1

SDG No.: 200-56451-1

| Reagent ID | Exp Date | Prep Date | Dilutant Used | Reagent Final Volume | Parent Reagent |              | Analyte                                       | Concentration |
|------------|----------|-----------|---------------|----------------------|----------------|--------------|-----------------------------------------------|---------------|
|            |          |           |               |                      | Reagent ID     | Volume Added |                                               |               |
|            |          |           |               |                      |                |              | 1,2-Dichloroethane                            | 207.2 ppb v/v |
|            |          |           |               |                      |                |              | 1,2-Dichloropropane                           | 206.2 ppb v/v |
|            |          |           |               |                      |                |              | 1,2-Dichlorotetrafluoroethane                 | 208.2 ppb v/v |
|            |          |           |               |                      |                |              | 1,3,5-Trimethylbenzene                        | 207.8 ppb v/v |
|            |          |           |               |                      |                |              | 1,3-Butadiene                                 | 202.4 ppb v/v |
|            |          |           |               |                      |                |              | 1,3-Dichlorobenzene                           | 211.6 ppb v/v |
|            |          |           |               |                      |                |              | 1,4-Dichlorobenzene                           | 209.4 ppb v/v |
|            |          |           |               |                      |                |              | 1,4-Dioxane                                   | 211.6 ppb v/v |
|            |          |           |               |                      |                |              | 2,2,4-Trimethylpentane                        | 209.4 ppb v/v |
|            |          |           |               |                      |                |              | 2-Chlorotoluene                               | 208.8 ppb v/v |
|            |          |           |               |                      |                |              | 2-Methylbutane                                | 208.8 ppb v/v |
|            |          |           |               |                      |                |              | 3-Chloropropene                               | 213 ppb v/v   |
|            |          |           |               |                      |                |              | 4-Ethyltoluene                                | 206.6 ppb v/v |
|            |          |           |               |                      |                |              | 4-Isopropyltoluene                            | 206.2 ppb v/v |
|            |          |           |               |                      |                |              | 4-Methyl-2-pentanone (Methyl isobutyl ketone) | 204.8 ppb v/v |
|            |          |           |               |                      |                |              | Acetone                                       | 204.8 ppb v/v |
|            |          |           |               |                      |                |              | Acetonitrile                                  | 198 ppb v/v   |
|            |          |           |               |                      |                |              | Acrolein                                      | 194.4 ppb v/v |
|            |          |           |               |                      |                |              | Acrylonitrile                                 | 202.2 ppb v/v |
|            |          |           |               |                      |                |              | Alpha Methyl Styrene                          | 204 ppb v/v   |
|            |          |           |               |                      |                |              | Benzene                                       | 206.6 ppb v/v |
|            |          |           |               |                      |                |              | Benzyl chloride                               | 211.6 ppb v/v |
|            |          |           |               |                      |                |              | Bromodichloromethane                          | 211.4 ppb v/v |
|            |          |           |               |                      |                |              | Bromoethene (Vinyl Bromide)                   | 208.4 ppb v/v |
|            |          |           |               |                      |                |              | Bromoform                                     | 205.8 ppb v/v |
|            |          |           |               |                      |                |              | Bromomethane                                  | 206.2 ppb v/v |
|            |          |           |               |                      |                |              | Carbon disulfide                              | 203.2 ppb v/v |
|            |          |           |               |                      |                |              | Carbon tetrachloride                          | 203.2 ppb v/v |
|            |          |           |               |                      |                |              | Chlorobenzene                                 | 209.8 ppb v/v |
|            |          |           |               |                      |                |              | Chlorodifluoromethane                         | 209.6 ppb v/v |
|            |          |           |               |                      |                |              | Chloroethane                                  | 207.8 ppb v/v |
|            |          |           |               |                      |                |              | Chloroform                                    | 202 ppb v/v   |
|            |          |           |               |                      |                |              | Chloromethane                                 | 218.4 ppb v/v |
|            |          |           |               |                      |                |              | cis-1,2-Dichloroethene                        | 202 ppb v/v   |
|            |          |           |               |                      |                |              | cis-1,3-Dichloropropene                       | 207.8 ppb v/v |
|            |          |           |               |                      |                |              | Cumene                                        | 208.6 ppb v/v |
|            |          |           |               |                      |                |              | Cyclohexane                                   | 203 ppb v/v   |
|            |          |           |               |                      |                |              | Dibromochloromethane                          | 193.6 ppb v/v |
|            |          |           |               |                      |                |              | Dibromomethane                                | 206 ppb v/v   |
|            |          |           |               |                      |                |              | Dichlorodifluoromethane                       | 208.8 ppb v/v |
|            |          |           |               |                      |                |              | Dodecane                                      | 187.2 ppb v/v |
|            |          |           |               |                      |                |              | Ethyl acetate                                 | 202.6 ppb v/v |
|            |          |           |               |                      |                |              | Ethyl ether                                   | 201.6 ppb v/v |
|            |          |           |               |                      |                |              | Ethylbenzene                                  | 204.4 ppb v/v |
|            |          |           |               |                      |                |              | Hexachlorobutadiene                           | 205.2 ppb v/v |
|            |          |           |               |                      |                |              | Isopropyl alcohol                             | 204.4 ppb v/v |
|            |          |           |               |                      |                |              | m,p-Xylene                                    | 411.2 ppb v/v |

## REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-56451-1

SDG No.: 200-56451-1

| Reagent ID         | Exp Date | Prep Date | Dilutant Used        | Reagent Final Volume | Parent Reagent      |              | Analyte                          | Concentration |
|--------------------|----------|-----------|----------------------|----------------------|---------------------|--------------|----------------------------------|---------------|
|                    |          |           |                      |                      | Reagent ID          | Volume Added |                                  |               |
|                    |          |           |                      |                      |                     |              | Methyl Butyl Ketone (2-Hexanone) | 199.8 ppb v/v |
|                    |          |           |                      |                      |                     |              | Methyl Ethyl Ketone (2-Butanone) | 206.8 ppb v/v |
|                    |          |           |                      |                      |                     |              | Methyl methacrylate              | 203.2 ppb v/v |
|                    |          |           |                      |                      |                     |              | Methyl tert-butyl ether          | 209 ppb v/v   |
|                    |          |           |                      |                      |                     |              | Methylene Chloride               | 205.6 ppb v/v |
|                    |          |           |                      |                      |                     |              | n-Butane                         | 207.2 ppb v/v |
|                    |          |           |                      |                      |                     |              | n-Butanol                        | 191 ppb v/v   |
|                    |          |           |                      |                      |                     |              | n-Butylbenzene                   | 207.8 ppb v/v |
|                    |          |           |                      |                      |                     |              | n-Decane                         | 208.4 ppb v/v |
|                    |          |           |                      |                      |                     |              | n-Heptane                        | 210.2 ppb v/v |
|                    |          |           |                      |                      |                     |              | n-Hexane                         | 211.8 ppb v/v |
|                    |          |           |                      |                      |                     |              | n-Nonane                         | 209.6 ppb v/v |
|                    |          |           |                      |                      |                     |              | n-Octane                         | 206.6 ppb v/v |
|                    |          |           |                      |                      |                     |              | n-Propylbenzene                  | 208 ppb v/v   |
|                    |          |           |                      |                      |                     |              | Naphthalene                      | 194.4 ppb v/v |
|                    |          |           |                      |                      |                     |              | o-Xylene                         | 207.2 ppb v/v |
|                    |          |           |                      |                      |                     |              | Pentane                          | 202.6 ppb v/v |
|                    |          |           |                      |                      |                     |              | Propene                          | 206.4 ppb v/v |
|                    |          |           |                      |                      |                     |              | sec-Butylbenzene                 | 209.2 ppb v/v |
|                    |          |           |                      |                      |                     |              | Styrene                          | 206.4 ppb v/v |
|                    |          |           |                      |                      |                     |              | tert-Butyl alcohol               | 215.6 ppb v/v |
|                    |          |           |                      |                      |                     |              | tert-Butylbenzene                | 207.2 ppb v/v |
|                    |          |           |                      |                      |                     |              | Tetrachloroethene                | 210 ppb v/v   |
|                    |          |           |                      |                      |                     |              | Tetrahydrofuran                  | 199.8 ppb v/v |
|                    |          |           |                      |                      |                     |              | Toluene                          | 203.2 ppb v/v |
|                    |          |           |                      |                      |                     |              | trans-1,2-Dichloroethene         | 204 ppb v/v   |
|                    |          |           |                      |                      |                     |              | trans-1,3-Dichloropropene        | 197.6 ppb v/v |
|                    |          |           |                      |                      |                     |              | Trichloroethene                  | 210.6 ppb v/v |
|                    |          |           |                      |                      |                     |              | Trichlorofluoromethane           | 211.2 ppb v/v |
|                    |          |           |                      |                      |                     |              | Undecane                         | 209.2 ppb v/v |
|                    |          |           |                      |                      |                     |              | Vinyl acetate                    | 207.8 ppb v/v |
|                    |          |           |                      |                      |                     |              | Vinyl chloride                   | 207.8 ppb v/v |
| ..ATTO15CALs_00039 | 12/13/20 |           | Linde, Lot CC-237336 |                      | (Purchased Reagent) |              | 1,1,1-Trichloroethane            | 1.019 ppm v/v |
|                    |          |           |                      |                      |                     |              | 1,1,2,2-Tetrachloroethane        | 1.034 ppm v/v |
|                    |          |           |                      |                      |                     |              | 1,1,2-Trichloroethane            | 1.048 ppm v/v |
|                    |          |           |                      |                      |                     |              | 1,1,2-Trichlorotrifluoroethane   | 1.049 ppm v/v |
|                    |          |           |                      |                      |                     |              | 1,1-Dichloroethane               | 1 ppm v/v     |
|                    |          |           |                      |                      |                     |              | 1,1-Dichloroethene               | 1.028 ppm v/v |
|                    |          |           |                      |                      |                     |              | 1,2,3-Trichlorobenzene           | 0.912 ppm v/v |
|                    |          |           |                      |                      |                     |              | 1,2,3-Trichloropropane           | 1.059 ppm v/v |
|                    |          |           |                      |                      |                     |              | 1,2,4-Trichlorobenzene           | 1.086 ppm v/v |
|                    |          |           |                      |                      |                     |              | 1,2,4-Trimethylbenzene           | 1.04 ppm v/v  |
|                    |          |           |                      |                      |                     |              | 1,2-Dibromoethane                | 1.061 ppm v/v |
|                    |          |           |                      |                      |                     |              | 1,2-Dichlorobenzene              | 1.044 ppm v/v |
|                    |          |           |                      |                      |                     |              | 1,2-Dichloroethane               | 1.036 ppm v/v |
|                    |          |           |                      |                      |                     |              | 1,2-Dichloropropane              | 1.031 ppm v/v |

# REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-56451-1

SDG No.: 200-56451-1

| Reagent ID | Exp Date | Prep Date | Dilutant Used | Reagent Final Volume | Parent Reagent |              | Analyte                                       | Concentration |
|------------|----------|-----------|---------------|----------------------|----------------|--------------|-----------------------------------------------|---------------|
|            |          |           |               |                      | Reagent ID     | Volume Added |                                               |               |
|            |          |           |               |                      |                |              | 1,2-Dichlorotetrafluoroethane                 | 1.041 ppm v/v |
|            |          |           |               |                      |                |              | 1,3,5-Trimethylbenzene                        | 1.039 ppm v/v |
|            |          |           |               |                      |                |              | 1,3-Butadiene                                 | 1.012 ppm v/v |
|            |          |           |               |                      |                |              | 1,3-Dichlorobenzene                           | 1.058 ppm v/v |
|            |          |           |               |                      |                |              | 1,4-Dichlorobenzene                           | 1.047 ppm v/v |
|            |          |           |               |                      |                |              | 1,4-Dioxane                                   | 1.058 ppm v/v |
|            |          |           |               |                      |                |              | 2,2,4-Trimethylpentane                        | 1.047 ppm v/v |
|            |          |           |               |                      |                |              | 2-Chlorotoluene                               | 1.044 ppm v/v |
|            |          |           |               |                      |                |              | 2-Methylbutane                                | 1.044 ppm v/v |
|            |          |           |               |                      |                |              | 3-Chloropropene                               | 1.065 ppm v/v |
|            |          |           |               |                      |                |              | 4-Ethyltoluene                                | 1.033 ppm v/v |
|            |          |           |               |                      |                |              | 4-Isopropyltoluene                            | 1.031 ppm v/v |
|            |          |           |               |                      |                |              | 4-Methyl-2-pentanone (Methyl isobutyl ketone) | 1.024 ppm v/v |
|            |          |           |               |                      |                |              | Acetone                                       | 1.024 ppm v/v |
|            |          |           |               |                      |                |              | Acetonitrile                                  | 0.99 ppm v/v  |
|            |          |           |               |                      |                |              | Acrolein                                      | 0.972 ppm v/v |
|            |          |           |               |                      |                |              | Acrylonitrile                                 | 1.011 ppm v/v |
|            |          |           |               |                      |                |              | Alpha Methyl Styrene                          | 1.02 ppm v/v  |
|            |          |           |               |                      |                |              | Benzene                                       | 1.033 ppm v/v |
|            |          |           |               |                      |                |              | Benzyl chloride                               | 1.058 ppm v/v |
|            |          |           |               |                      |                |              | Bromodichloromethane                          | 1.057 ppm v/v |
|            |          |           |               |                      |                |              | Bromoethene (Vinyl Bromide)                   | 1.042 ppm v/v |
|            |          |           |               |                      |                |              | Bromoform                                     | 1.029 ppm v/v |
|            |          |           |               |                      |                |              | Bromomethane                                  | 1.031 ppm v/v |
|            |          |           |               |                      |                |              | Carbon disulfide                              | 1.016 ppm v/v |
|            |          |           |               |                      |                |              | Carbon tetrachloride                          | 1.016 ppm v/v |
|            |          |           |               |                      |                |              | Chlorobenzene                                 | 1.049 ppm v/v |
|            |          |           |               |                      |                |              | Chlorodifluoromethane                         | 1.048 ppm v/v |
|            |          |           |               |                      |                |              | Chloroethane                                  | 1.039 ppm v/v |
|            |          |           |               |                      |                |              | Chloroform                                    | 1.01 ppm v/v  |
|            |          |           |               |                      |                |              | Chloromethane                                 | 1.092 ppm v/v |
|            |          |           |               |                      |                |              | cis-1,2-Dichloroethene                        | 1.01 ppm v/v  |
|            |          |           |               |                      |                |              | cis-1,3-Dichloropropene                       | 1.039 ppm v/v |
|            |          |           |               |                      |                |              | Cumene                                        | 1.043 ppm v/v |
|            |          |           |               |                      |                |              | Cyclohexane                                   | 1.015 ppm v/v |
|            |          |           |               |                      |                |              | Dibromochloromethane                          | 0.968 ppm v/v |
|            |          |           |               |                      |                |              | Dibromomethane                                | 1.03 ppm v/v  |
|            |          |           |               |                      |                |              | Dichlorodifluoromethane                       | 1.044 ppm v/v |
|            |          |           |               |                      |                |              | Dodecane                                      | 0.936 ppm v/v |
|            |          |           |               |                      |                |              | Ethyl acetate                                 | 1.013 ppm v/v |
|            |          |           |               |                      |                |              | Ethyl ether                                   | 1.008 ppm v/v |
|            |          |           |               |                      |                |              | Ethylbenzene                                  | 1.022 ppm v/v |
|            |          |           |               |                      |                |              | Hexachlorobutadiene                           | 1.026 ppm v/v |
|            |          |           |               |                      |                |              | Isopropyl alcohol                             | 1.022 ppm v/v |
|            |          |           |               |                      |                |              | m,p-Xylene                                    | 2.056 ppm v/v |
|            |          |           |               |                      |                |              | Methyl Butyl Ketone (2-Hexanone)              | 0.999 ppm v/v |

## REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-56451-1

SDG No.: 200-56451-1

| Reagent ID            | Exp Date | Prep Date | Dilutant Used             | Reagent Final Volume | Parent Reagent      |              | Analyte                          | Concentration   |
|-----------------------|----------|-----------|---------------------------|----------------------|---------------------|--------------|----------------------------------|-----------------|
|                       |          |           |                           |                      | Reagent ID          | Volume Added |                                  |                 |
|                       |          |           |                           |                      |                     |              | Methyl Ethyl Ketone (2-Butanone) | 1.034 ppm v/v   |
|                       |          |           |                           |                      |                     |              | Methyl methacrylate              | 1.016 ppm v/v   |
|                       |          |           |                           |                      |                     |              | Methyl tert-butyl ether          | 1.045 ppm v/v   |
|                       |          |           |                           |                      |                     |              | Methylene Chloride               | 1.028 ppm v/v   |
|                       |          |           |                           |                      |                     |              | n-Butane                         | 1.036 ppm v/v   |
|                       |          |           |                           |                      |                     |              | n-Butanol                        | 0.955 ppm v/v   |
|                       |          |           |                           |                      |                     |              | n-Butylbenzene                   | 1.039 ppm v/v   |
|                       |          |           |                           |                      |                     |              | n-Decane                         | 1.042 ppm v/v   |
|                       |          |           |                           |                      |                     |              | n-Heptane                        | 1.051 ppm v/v   |
|                       |          |           |                           |                      |                     |              | n-Hexane                         | 1.059 ppm v/v   |
|                       |          |           |                           |                      |                     |              | n-Nonane                         | 1.048 ppm v/v   |
|                       |          |           |                           |                      |                     |              | n-Octane                         | 1.033 ppm v/v   |
|                       |          |           |                           |                      |                     |              | n-Propylbenzene                  | 1.04 ppm v/v    |
|                       |          |           |                           |                      |                     |              | Naphthalene                      | 0.972 ppm v/v   |
|                       |          |           |                           |                      |                     |              | o-Xylene                         | 1.036 ppm v/v   |
|                       |          |           |                           |                      |                     |              | Pentane                          | 1.013 ppm v/v   |
|                       |          |           |                           |                      |                     |              | Propene                          | 1.032 ppm v/v   |
|                       |          |           |                           |                      |                     |              | sec-Butylbenzene                 | 1.046 ppm v/v   |
|                       |          |           |                           |                      |                     |              | Styrene                          | 1.032 ppm v/v   |
|                       |          |           |                           |                      |                     |              | tert-Butyl alcohol               | 1.078 ppm v/v   |
|                       |          |           |                           |                      |                     |              | tert-Butylbenzene                | 1.036 ppm v/v   |
|                       |          |           |                           |                      |                     |              | Tetrachloroethene                | 1.05 ppm v/v    |
|                       |          |           |                           |                      |                     |              | Tetrahydrofuran                  | 0.999 ppm v/v   |
|                       |          |           |                           |                      |                     |              | Toluene                          | 1.016 ppm v/v   |
|                       |          |           |                           |                      |                     |              | trans-1,2-Dichloroethene         | 1.02 ppm v/v    |
|                       |          |           |                           |                      |                     |              | trans-1,3-Dichloropropene        | 0.988 ppm v/v   |
|                       |          |           |                           |                      |                     |              | Trichloroethene                  | 1.053 ppm v/v   |
|                       |          |           |                           |                      |                     |              | Trichlorofluoromethane           | 1.056 ppm v/v   |
|                       |          |           |                           |                      |                     |              | Undecane                         | 1.046 ppm v/v   |
|                       |          |           |                           |                      |                     |              | Vinyl acetate                    | 1.039 ppm v/v   |
|                       |          |           |                           |                      |                     |              | Vinyl chloride                   | 1.039 ppm v/v   |
| .ATTO15EthCALw_00121  | 12/30/20 | 10/16/20  | Nitrogen, Lot 12          | 37.5 ppb             | ATTO15EthCALs_00009 | 18.75 uL     | Ethanol                          | 500 ppb v/v     |
| ..ATTO15EthCALs_00009 | 09/05/21 |           | Chem Service, Lot 5301900 |                      | (Purchased Reagent) |              | Ethanol                          | 1 mL/mL         |
| ATTO15CAL5w_00102     | 03/14/21 | 12/14/20  | Nitrogen, Lot 12          | 15.463 L             | ATTO15CALSTKi_00137 | 1160 mL      | 1,1,1-Trichloroethane            | 15.2886 ppb v/v |
|                       |          |           |                           |                      |                     |              | 1,1,2,2-Tetrachloroethane        | 15.5137 ppb v/v |
|                       |          |           |                           |                      |                     |              | 1,1,2-Trichloroethane            | 15.7237 ppb v/v |
|                       |          |           |                           |                      |                     |              | 1,1,2-Trichlorotrifluoroethane   | 15.7387 ppb v/v |
|                       |          |           |                           |                      |                     |              | 1,1-Dichloroethane               | 15.0036 ppb v/v |
|                       |          |           |                           |                      |                     |              | 1,1-Dichloroethene               | 15.4237 ppb v/v |
|                       |          |           |                           |                      |                     |              | 1,2,3-Trichlorobenzene           | 13.6832 ppb v/v |

# REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-56451-1

SDG No.: 200-56451-1

| Reagent ID | Exp Date | Prep Date | Dilutant Used | Reagent Final Volume | Parent Reagent |              | Analyte                                       | Concentration   |
|------------|----------|-----------|---------------|----------------------|----------------|--------------|-----------------------------------------------|-----------------|
|            |          |           |               |                      | Reagent ID     | Volume Added |                                               |                 |
|            |          |           |               |                      |                |              | 1,2,3-Trichloropropane                        | 15.8888 ppb v/v |
|            |          |           |               |                      |                |              | 1,2,4-Trichlorobenzene                        | 16.2939 ppb v/v |
|            |          |           |               |                      |                |              | 1,2,4-Trimethylbenzene                        | 15.6037 ppb v/v |
|            |          |           |               |                      |                |              | 1,2-Dibromoethane                             | 15.9188 ppb v/v |
|            |          |           |               |                      |                |              | 1,2-Dichlorobenzene                           | 15.6637 ppb v/v |
|            |          |           |               |                      |                |              | 1,2-Dichloroethane                            | 15.5437 ppb v/v |
|            |          |           |               |                      |                |              | 1,2-Dichloropropane                           | 15.4687 ppb v/v |
|            |          |           |               |                      |                |              | 1,2-Dichlorotetrafluoroethane                 | 15.6187 ppb v/v |
|            |          |           |               |                      |                |              | 1,3,5-Trimethylbenzene                        | 15.5887 ppb v/v |
|            |          |           |               |                      |                |              | 1,3-Butadiene                                 | 15.1836 ppb v/v |
|            |          |           |               |                      |                |              | 1,3-Dichlorobenzene                           | 15.8738 ppb v/v |
|            |          |           |               |                      |                |              | 1,4-Dichlorobenzene                           | 15.7087 ppb v/v |
|            |          |           |               |                      |                |              | 1,4-Dioxane                                   | 15.8738 ppb v/v |
|            |          |           |               |                      |                |              | 2,2,4-Trimethylpentane                        | 15.7087 ppb v/v |
|            |          |           |               |                      |                |              | 2-Chlorotoluene                               | 15.6637 ppb v/v |
|            |          |           |               |                      |                |              | 2-Methylbutane                                | 15.6637 ppb v/v |
|            |          |           |               |                      |                |              | 3-Chloropropene                               | 15.9788 ppb v/v |
|            |          |           |               |                      |                |              | 4-Ethyltoluene                                | 15.4987 ppb v/v |
|            |          |           |               |                      |                |              | 4-Isopropyltoluene                            | 15.4687 ppb v/v |
|            |          |           |               |                      |                |              | 4-Methyl-2-pentanone (Methyl isobutyl ketone) | 15.3636 ppb v/v |
|            |          |           |               |                      |                |              | Acetone                                       | 15.3636 ppb v/v |
|            |          |           |               |                      |                |              | Acetonitrile                                  | 14.8535 ppb v/v |
|            |          |           |               |                      |                |              | Acrolein                                      | 14.5835 ppb v/v |
|            |          |           |               |                      |                |              | Acrylonitrile                                 | 15.1686 ppb v/v |
|            |          |           |               |                      |                |              | Alpha Methyl Styrene                          | 15.3036 ppb v/v |

# REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-56451-1

SDG No.: 200-56451-1

| Reagent ID | Exp Date | Prep Date | Dilutant Used | Reagent Final Volume | Parent Reagent |              | Analyte                     | Concentration   |
|------------|----------|-----------|---------------|----------------------|----------------|--------------|-----------------------------|-----------------|
|            |          |           |               |                      | Reagent ID     | Volume Added |                             |                 |
|            |          |           |               |                      |                |              | Benzene                     | 15.4987 ppb v/v |
|            |          |           |               |                      |                |              | Benzyl chloride             | 15.8738 ppb v/v |
|            |          |           |               |                      |                |              | Bromodichloromethane        | 15.8588 ppb v/v |
|            |          |           |               |                      |                |              | Bromoethene (Vinyl Bromide) | 15.6337 ppb v/v |
|            |          |           |               |                      |                |              | Bromoform                   | 15.4387 ppb v/v |
|            |          |           |               |                      |                |              | Bromomethane                | 15.4687 ppb v/v |
|            |          |           |               |                      |                |              | Carbon disulfide            | 15.2436 ppb v/v |
|            |          |           |               |                      |                |              | Carbon tetrachloride        | 15.2436 ppb v/v |
|            |          |           |               |                      |                |              | Chlorobenzene               | 15.7387 ppb v/v |
|            |          |           |               |                      |                |              | Chlorodifluoromethane       | 15.7237 ppb v/v |
|            |          |           |               |                      |                |              | Chloroethane                | 15.5887 ppb v/v |
|            |          |           |               |                      |                |              | Chloroform                  | 15.1536 ppb v/v |
|            |          |           |               |                      |                |              | Chloromethane               | 16.3839 ppb v/v |
|            |          |           |               |                      |                |              | cis-1,2-Dichloroethene      | 15.1536 ppb v/v |
|            |          |           |               |                      |                |              | cis-1,3-Dichloropropene     | 15.5887 ppb v/v |
|            |          |           |               |                      |                |              | Cumene                      | 15.6487 ppb v/v |
|            |          |           |               |                      |                |              | Cyclohexane                 | 15.2286 ppb v/v |
|            |          |           |               |                      |                |              | Dibromochloromethane        | 14.5234 ppb v/v |
|            |          |           |               |                      |                |              | Dibromomethane              | 15.4537 ppb v/v |
|            |          |           |               |                      |                |              | Dichlorodifluoromethane     | 15.6637 ppb v/v |
|            |          |           |               |                      |                |              | Dodecane                    | 14.0433 ppb v/v |
|            |          |           |               |                      |                |              | Ethyl acetate               | 15.1986 ppb v/v |
|            |          |           |               |                      |                |              | Ethyl ether                 | 15.1236 ppb v/v |
|            |          |           |               |                      |                |              | Ethylbenzene                | 15.3336 ppb v/v |
|            |          |           |               |                      |                |              | Hexachlorobutadiene         | 15.3936 ppb v/v |

# REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-56451-1

SDG No.: 200-56451-1

| Reagent ID | Exp Date | Prep Date | Dilutant Used | Reagent Final Volume | Parent Reagent |              | Analyte                          | Concentration   |
|------------|----------|-----------|---------------|----------------------|----------------|--------------|----------------------------------|-----------------|
|            |          |           |               |                      | Reagent ID     | Volume Added |                                  |                 |
|            |          |           |               |                      |                |              | Isopropyl alcohol                | 15.3336 ppb v/v |
|            |          |           |               |                      |                |              | m,p-Xylene                       | 30.8473 ppb v/v |
|            |          |           |               |                      |                |              | Methyl Butyl Ketone (2-Hexanone) | 14.9886 ppb v/v |
|            |          |           |               |                      |                |              | Methyl Ethyl Ketone (2-Butanone) | 15.5137 ppb v/v |
|            |          |           |               |                      |                |              | Methyl methacrylate              | 15.2436 ppb v/v |
|            |          |           |               |                      |                |              | Methyl tert-butyl ether          | 15.6787 ppb v/v |
|            |          |           |               |                      |                |              | Methylene Chloride               | 15.4237 ppb v/v |
|            |          |           |               |                      |                |              | n-Butane                         | 15.5437 ppb v/v |
|            |          |           |               |                      |                |              | n-Butanol                        | 14.3284 ppb v/v |
|            |          |           |               |                      |                |              | n-Butylbenzene                   | 15.5887 ppb v/v |
|            |          |           |               |                      |                |              | n-Decane                         | 15.6337 ppb v/v |
|            |          |           |               |                      |                |              | n-Heptane                        | 15.7687 ppb v/v |
|            |          |           |               |                      |                |              | n-Hexane                         | 15.8888 ppb v/v |
|            |          |           |               |                      |                |              | n-Nonane                         | 15.7237 ppb v/v |
|            |          |           |               |                      |                |              | n-Octane                         | 15.4987 ppb v/v |
|            |          |           |               |                      |                |              | n-Propylbenzene                  | 15.6037 ppb v/v |
|            |          |           |               |                      |                |              | Naphthalene                      | 14.5835 ppb v/v |
|            |          |           |               |                      |                |              | o-Xylene                         | 15.5437 ppb v/v |
|            |          |           |               |                      |                |              | Pentane                          | 15.1986 ppb v/v |
|            |          |           |               |                      |                |              | Propene                          | 15.4837 ppb v/v |
|            |          |           |               |                      |                |              | sec-Butylbenzene                 | 15.6937 ppb v/v |
|            |          |           |               |                      |                |              | Styrene                          | 15.4837 ppb v/v |
|            |          |           |               |                      |                |              | tert-Butyl alcohol               | 16.1738 ppb v/v |
|            |          |           |               |                      |                |              | tert-Butylbenzene                | 15.5437 ppb v/v |
|            |          |           |               |                      |                |              | Tetrachloroethene                | 15.7537 ppb v/v |

## REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-56451-1

SDG No.: 200-56451-1

| Reagent ID           | Exp Date | Prep Date | Dilutant Used    | Reagent Final Volume | Parent Reagent      |              | Analyte                                       | Concentration   |
|----------------------|----------|-----------|------------------|----------------------|---------------------|--------------|-----------------------------------------------|-----------------|
|                      |          |           |                  |                      | Reagent ID          | Volume Added |                                               |                 |
|                      |          |           |                  |                      |                     |              | Tetrahydrofuran                               | 14.9886 ppb v/v |
|                      |          |           |                  |                      |                     |              | Toluene                                       | 15.2436 ppb v/v |
|                      |          |           |                  |                      |                     |              | trans-1,2-Dichloroethene                      | 15.3036 ppb v/v |
|                      |          |           |                  |                      |                     |              | trans-1,3-Dichloropropene                     | 14.8235 ppb v/v |
|                      |          |           |                  |                      |                     |              | Trichloroethene                               | 15.7987 ppb v/v |
|                      |          |           |                  |                      |                     |              | Trichlorofluoromethane                        | 15.8438 ppb v/v |
|                      |          |           |                  |                      |                     |              | Undecane                                      | 15.6937 ppb v/v |
|                      |          |           |                  |                      |                     |              | Vinyl acetate                                 | 15.5887 ppb v/v |
|                      |          |           |                  |                      |                     |              | Vinyl chloride                                | 15.5887 ppb v/v |
|                      |          |           |                  |                      | ATTO15EthCALw_00123 | 620 mL       | Ethanol                                       | 20.0479 ppb v/v |
| .ATTO15CALSTKi_00137 | 03/14/21 | 12/14/20  | Nitrogen, Lot 13 | 15 L                 | ATTO15CALs_00042    | 3000 mL      | 1,1,1-Trichloroethane                         | 203.8 ppb v/v   |
|                      |          |           |                  |                      |                     |              | 1,1,2,2-Tetrachloroethane                     | 206.8 ppb v/v   |
|                      |          |           |                  |                      |                     |              | 1,1,2-Trichloroethane                         | 209.6 ppb v/v   |
|                      |          |           |                  |                      |                     |              | 1,1,2-Trichlorotrifluoroethane                | 209.8 ppb v/v   |
|                      |          |           |                  |                      |                     |              | 1,1-Dichloroethane                            | 200 ppb v/v     |
|                      |          |           |                  |                      |                     |              | 1,1-Dichloroethene                            | 205.6 ppb v/v   |
|                      |          |           |                  |                      |                     |              | 1,2,3-Trichlorobenzene                        | 182.4 ppb v/v   |
|                      |          |           |                  |                      |                     |              | 1,2,3-Trichloropropane                        | 211.8 ppb v/v   |
|                      |          |           |                  |                      |                     |              | 1,2,4-Trichlorobenzene                        | 217.2 ppb v/v   |
|                      |          |           |                  |                      |                     |              | 1,2,4-Trimethylbenzene                        | 208 ppb v/v     |
|                      |          |           |                  |                      |                     |              | 1,2-Dibromoethane                             | 212.2 ppb v/v   |
|                      |          |           |                  |                      |                     |              | 1,2-Dichlorobenzene                           | 208.8 ppb v/v   |
|                      |          |           |                  |                      |                     |              | 1,2-Dichloroethane                            | 207.2 ppb v/v   |
|                      |          |           |                  |                      |                     |              | 1,2-Dichloropropane                           | 206.2 ppb v/v   |
|                      |          |           |                  |                      |                     |              | 1,2-Dichlorotetrafluoroethane                 | 208.2 ppb v/v   |
|                      |          |           |                  |                      |                     |              | 1,3,5-Trimethylbenzene                        | 207.8 ppb v/v   |
|                      |          |           |                  |                      |                     |              | 1,3-Butadiene                                 | 202.4 ppb v/v   |
|                      |          |           |                  |                      |                     |              | 1,3-Dichlorobenzene                           | 211.6 ppb v/v   |
|                      |          |           |                  |                      |                     |              | 1,4-Dichlorobenzene                           | 209.4 ppb v/v   |
|                      |          |           |                  |                      |                     |              | 1,4-Dioxane                                   | 211.6 ppb v/v   |
|                      |          |           |                  |                      |                     |              | 2,2,4-Trimethylpentane                        | 209.4 ppb v/v   |
|                      |          |           |                  |                      |                     |              | 2-Chlorotoluene                               | 208.8 ppb v/v   |
|                      |          |           |                  |                      |                     |              | 2-Methylbutane                                | 208.8 ppb v/v   |
|                      |          |           |                  |                      |                     |              | 3-Chloropropene                               | 213 ppb v/v     |
|                      |          |           |                  |                      |                     |              | 4-Ethyltoluene                                | 206.6 ppb v/v   |
|                      |          |           |                  |                      |                     |              | 4-Isopropyltoluene                            | 206.2 ppb v/v   |
|                      |          |           |                  |                      |                     |              | 4-Methyl-2-pentanone (Methyl isobutyl ketone) | 204.8 ppb v/v   |
|                      |          |           |                  |                      |                     |              | Acetone                                       | 204.8 ppb v/v   |



# REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-56451-1

SDG No.: 200-56451-1

| Reagent ID | Exp Date | Prep Date | Dilutant Used | Reagent Final Volume | Parent Reagent |              | Analyte                          | Concentration |
|------------|----------|-----------|---------------|----------------------|----------------|--------------|----------------------------------|---------------|
|            |          |           |               |                      | Reagent ID     | Volume Added |                                  |               |
|            |          |           |               |                      |                |              | Acetonitrile                     | 198 ppb v/v   |
|            |          |           |               |                      |                |              | Acrolein                         | 194.4 ppb v/v |
|            |          |           |               |                      |                |              | Acrylonitrile                    | 202.2 ppb v/v |
|            |          |           |               |                      |                |              | Alpha Methyl Styrene             | 204 ppb v/v   |
|            |          |           |               |                      |                |              | Benzene                          | 206.6 ppb v/v |
|            |          |           |               |                      |                |              | Benzyl chloride                  | 211.6 ppb v/v |
|            |          |           |               |                      |                |              | Bromodichloromethane             | 211.4 ppb v/v |
|            |          |           |               |                      |                |              | Bromoethene (Vinyl Bromide)      | 208.4 ppb v/v |
|            |          |           |               |                      |                |              | Bromoform                        | 205.8 ppb v/v |
|            |          |           |               |                      |                |              | Bromomethane                     | 206.2 ppb v/v |
|            |          |           |               |                      |                |              | Carbon disulfide                 | 203.2 ppb v/v |
|            |          |           |               |                      |                |              | Carbon tetrachloride             | 203.2 ppb v/v |
|            |          |           |               |                      |                |              | Chlorobenzene                    | 209.8 ppb v/v |
|            |          |           |               |                      |                |              | Chlorodifluoromethane            | 209.6 ppb v/v |
|            |          |           |               |                      |                |              | Chloroethane                     | 207.8 ppb v/v |
|            |          |           |               |                      |                |              | Chloroform                       | 202 ppb v/v   |
|            |          |           |               |                      |                |              | Chloromethane                    | 218.4 ppb v/v |
|            |          |           |               |                      |                |              | cis-1,2-Dichloroethene           | 202 ppb v/v   |
|            |          |           |               |                      |                |              | cis-1,3-Dichloropropene          | 207.8 ppb v/v |
|            |          |           |               |                      |                |              | Cumene                           | 208.6 ppb v/v |
|            |          |           |               |                      |                |              | Cyclohexane                      | 203 ppb v/v   |
|            |          |           |               |                      |                |              | Dibromochloromethane             | 193.6 ppb v/v |
|            |          |           |               |                      |                |              | Dibromomethane                   | 206 ppb v/v   |
|            |          |           |               |                      |                |              | Dichlorodifluoromethane          | 208.8 ppb v/v |
|            |          |           |               |                      |                |              | Dodecane                         | 187.2 ppb v/v |
|            |          |           |               |                      |                |              | Ethyl acetate                    | 202.6 ppb v/v |
|            |          |           |               |                      |                |              | Ethyl ether                      | 201.6 ppb v/v |
|            |          |           |               |                      |                |              | Ethylbenzene                     | 204.4 ppb v/v |
|            |          |           |               |                      |                |              | Hexachlorobutadiene              | 205.2 ppb v/v |
|            |          |           |               |                      |                |              | Isopropyl alcohol                | 204.4 ppb v/v |
|            |          |           |               |                      |                |              | m,p-Xylene                       | 411.2 ppb v/v |
|            |          |           |               |                      |                |              | Methyl Butyl Ketone (2-Hexanone) | 199.8 ppb v/v |
|            |          |           |               |                      |                |              | Methyl Ethyl Ketone (2-Butanone) | 206.8 ppb v/v |
|            |          |           |               |                      |                |              | Methyl methacrylate              | 203.2 ppb v/v |
|            |          |           |               |                      |                |              | Methyl tert-butyl ether          | 209 ppb v/v   |
|            |          |           |               |                      |                |              | Methylene Chloride               | 205.6 ppb v/v |
|            |          |           |               |                      |                |              | n-Butane                         | 207.2 ppb v/v |
|            |          |           |               |                      |                |              | n-Butanol                        | 191 ppb v/v   |
|            |          |           |               |                      |                |              | n-Butylbenzene                   | 207.8 ppb v/v |
|            |          |           |               |                      |                |              | n-Decane                         | 208.4 ppb v/v |
|            |          |           |               |                      |                |              | n-Heptane                        | 210.2 ppb v/v |
|            |          |           |               |                      |                |              | n-Hexane                         | 211.8 ppb v/v |
|            |          |           |               |                      |                |              | n-Nonane                         | 209.6 ppb v/v |
|            |          |           |               |                      |                |              | n-Octane                         | 206.6 ppb v/v |
|            |          |           |               |                      |                |              | n-Propylbenzene                  | 208 ppb v/v   |
|            |          |           |               |                      |                |              | Naphthalene                      | 194.4 ppb v/v |

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-56451-1

SDG No.: 200-56451-1

| Reagent ID         | Exp Date | Prep Date | Dilutant Used        | Reagent Final Volume | Parent Reagent      |              | Analyte                                       | Concentration |
|--------------------|----------|-----------|----------------------|----------------------|---------------------|--------------|-----------------------------------------------|---------------|
|                    |          |           |                      |                      | Reagent ID          | Volume Added |                                               |               |
|                    |          |           |                      |                      |                     |              | o-Xylene                                      | 207.2 ppb v/v |
|                    |          |           |                      |                      |                     |              | Pentane                                       | 202.6 ppb v/v |
|                    |          |           |                      |                      |                     |              | Propene                                       | 206.4 ppb v/v |
|                    |          |           |                      |                      |                     |              | sec-Butylbenzene                              | 209.2 ppb v/v |
|                    |          |           |                      |                      |                     |              | Styrene                                       | 206.4 ppb v/v |
|                    |          |           |                      |                      |                     |              | tert-Butyl alcohol                            | 215.6 ppb v/v |
|                    |          |           |                      |                      |                     |              | tert-Butylbenzene                             | 207.2 ppb v/v |
|                    |          |           |                      |                      |                     |              | Tetrachloroethene                             | 210 ppb v/v   |
|                    |          |           |                      |                      |                     |              | Tetrahydrofuran                               | 199.8 ppb v/v |
|                    |          |           |                      |                      |                     |              | Toluene                                       | 203.2 ppb v/v |
|                    |          |           |                      |                      |                     |              | trans-1,2-Dichloroethene                      | 204 ppb v/v   |
|                    |          |           |                      |                      |                     |              | trans-1,3-Dichloropropene                     | 197.6 ppb v/v |
|                    |          |           |                      |                      |                     |              | Trichloroethene                               | 210.6 ppb v/v |
|                    |          |           |                      |                      |                     |              | Trichlorofluoromethane                        | 211.2 ppb v/v |
|                    |          |           |                      |                      |                     |              | Undecane                                      | 209.2 ppb v/v |
|                    |          |           |                      |                      |                     |              | Vinyl acetate                                 | 207.8 ppb v/v |
|                    |          |           |                      |                      |                     |              | Vinyl chloride                                | 207.8 ppb v/v |
| ..ATT015CALs_00042 | 12/13/21 |           | Linde, Lot CC-237336 |                      | (Purchased Reagent) |              | 1,1,1-Trichloroethane                         | 1.019 ppm v/v |
|                    |          |           |                      |                      |                     |              | 1,1,2,2-Tetrachloroethane                     | 1.034 ppm v/v |
|                    |          |           |                      |                      |                     |              | 1,1,2-Trichloroethane                         | 1.048 ppm v/v |
|                    |          |           |                      |                      |                     |              | 1,1,2-Trichlorotrifluoroethane                | 1.049 ppm v/v |
|                    |          |           |                      |                      |                     |              | 1,1-Dichloroethane                            | 1 ppm v/v     |
|                    |          |           |                      |                      |                     |              | 1,1-Dichloroethene                            | 1.028 ppm v/v |
|                    |          |           |                      |                      |                     |              | 1,2,3-Trichlorobenzene                        | 0.912 ppm v/v |
|                    |          |           |                      |                      |                     |              | 1,2,3-Trichloropropane                        | 1.059 ppm v/v |
|                    |          |           |                      |                      |                     |              | 1,2,4-Trichlorobenzene                        | 1.086 ppm v/v |
|                    |          |           |                      |                      |                     |              | 1,2,4-Trimethylbenzene                        | 1.04 ppm v/v  |
|                    |          |           |                      |                      |                     |              | 1,2-Dibromoethane                             | 1.061 ppm v/v |
|                    |          |           |                      |                      |                     |              | 1,2-Dichlorobenzene                           | 1.044 ppm v/v |
|                    |          |           |                      |                      |                     |              | 1,2-Dichloroethane                            | 1.036 ppm v/v |
|                    |          |           |                      |                      |                     |              | 1,2-Dichloropropane                           | 1.031 ppm v/v |
|                    |          |           |                      |                      |                     |              | 1,2-Dichlorotetrafluoroethane                 | 1.041 ppm v/v |
|                    |          |           |                      |                      |                     |              | 1,3,5-Trimethylbenzene                        | 1.039 ppm v/v |
|                    |          |           |                      |                      |                     |              | 1,3-Butadiene                                 | 1.012 ppm v/v |
|                    |          |           |                      |                      |                     |              | 1,3-Dichlorobenzene                           | 1.058 ppm v/v |
|                    |          |           |                      |                      |                     |              | 1,4-Dichlorobenzene                           | 1.047 ppm v/v |
|                    |          |           |                      |                      |                     |              | 1,4-Dioxane                                   | 1.058 ppm v/v |
|                    |          |           |                      |                      |                     |              | 2,2,4-Trimethylpentane                        | 1.047 ppm v/v |
|                    |          |           |                      |                      |                     |              | 2-Chlorotoluene                               | 1.044 ppm v/v |
|                    |          |           |                      |                      |                     |              | 2-Methylbutane                                | 1.044 ppm v/v |
|                    |          |           |                      |                      |                     |              | 3-Chloropropene                               | 1.065 ppm v/v |
|                    |          |           |                      |                      |                     |              | 4-Ethyltoluene                                | 1.033 ppm v/v |
|                    |          |           |                      |                      |                     |              | 4-Isopropyltoluene                            | 1.031 ppm v/v |
|                    |          |           |                      |                      |                     |              | 4-Methyl-2-pentanone (Methyl isobutyl ketone) | 1.024 ppm v/v |
|                    |          |           |                      |                      |                     |              | Acetone                                       | 1.024 ppm v/v |
|                    |          |           |                      |                      |                     |              | Acetonitrile                                  | 0.99 ppm v/v  |
|                    |          |           |                      |                      |                     |              | Acrolein                                      | 0.972 ppm v/v |

# REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-56451-1

SDG No.: 200-56451-1

| Reagent ID | Exp Date | Prep Date | Dilutant Used | Reagent Final Volume | Parent Reagent |              | Analyte                          | Concentration |
|------------|----------|-----------|---------------|----------------------|----------------|--------------|----------------------------------|---------------|
|            |          |           |               |                      | Reagent ID     | Volume Added |                                  |               |
|            |          |           |               |                      |                |              | Acrylonitrile                    | 1.011 ppm v/v |
|            |          |           |               |                      |                |              | Alpha Methyl Styrene             | 1.02 ppm v/v  |
|            |          |           |               |                      |                |              | Benzene                          | 1.033 ppm v/v |
|            |          |           |               |                      |                |              | Benzyl chloride                  | 1.058 ppm v/v |
|            |          |           |               |                      |                |              | Bromodichloromethane             | 1.057 ppm v/v |
|            |          |           |               |                      |                |              | Bromoethene (Vinyl Bromide)      | 1.042 ppm v/v |
|            |          |           |               |                      |                |              | Bromoform                        | 1.029 ppm v/v |
|            |          |           |               |                      |                |              | Bromomethane                     | 1.031 ppm v/v |
|            |          |           |               |                      |                |              | Carbon disulfide                 | 1.016 ppm v/v |
|            |          |           |               |                      |                |              | Carbon tetrachloride             | 1.016 ppm v/v |
|            |          |           |               |                      |                |              | Chlorobenzene                    | 1.049 ppm v/v |
|            |          |           |               |                      |                |              | Chlorodifluoromethane            | 1.048 ppm v/v |
|            |          |           |               |                      |                |              | Chloroethane                     | 1.039 ppm v/v |
|            |          |           |               |                      |                |              | Chloroform                       | 1.01 ppm v/v  |
|            |          |           |               |                      |                |              | Chloromethane                    | 1.092 ppm v/v |
|            |          |           |               |                      |                |              | cis-1,2-Dichloroethene           | 1.01 ppm v/v  |
|            |          |           |               |                      |                |              | cis-1,3-Dichloropropene          | 1.039 ppm v/v |
|            |          |           |               |                      |                |              | Cumene                           | 1.043 ppm v/v |
|            |          |           |               |                      |                |              | Cyclohexane                      | 1.015 ppm v/v |
|            |          |           |               |                      |                |              | Dibromochloromethane             | 0.968 ppm v/v |
|            |          |           |               |                      |                |              | Dibromomethane                   | 1.03 ppm v/v  |
|            |          |           |               |                      |                |              | Dichlorodifluoromethane          | 1.044 ppm v/v |
|            |          |           |               |                      |                |              | Dodecane                         | 0.936 ppm v/v |
|            |          |           |               |                      |                |              | Ethyl acetate                    | 1.013 ppm v/v |
|            |          |           |               |                      |                |              | Ethyl ether                      | 1.008 ppm v/v |
|            |          |           |               |                      |                |              | Ethylbenzene                     | 1.022 ppm v/v |
|            |          |           |               |                      |                |              | Hexachlorobutadiene              | 1.026 ppm v/v |
|            |          |           |               |                      |                |              | Isopropyl alcohol                | 1.022 ppm v/v |
|            |          |           |               |                      |                |              | m,p-Xylene                       | 2.056 ppm v/v |
|            |          |           |               |                      |                |              | Methyl Butyl Ketone (2-Hexanone) | 0.999 ppm v/v |
|            |          |           |               |                      |                |              | Methyl Ethyl Ketone (2-Butanone) | 1.034 ppm v/v |
|            |          |           |               |                      |                |              | Methyl methacrylate              | 1.016 ppm v/v |
|            |          |           |               |                      |                |              | Methyl tert-butyl ether          | 1.045 ppm v/v |
|            |          |           |               |                      |                |              | Methylene Chloride               | 1.028 ppm v/v |
|            |          |           |               |                      |                |              | n-Butane                         | 1.036 ppm v/v |
|            |          |           |               |                      |                |              | n-Butanol                        | 0.955 ppm v/v |
|            |          |           |               |                      |                |              | n-Butylbenzene                   | 1.039 ppm v/v |
|            |          |           |               |                      |                |              | n-Decane                         | 1.042 ppm v/v |
|            |          |           |               |                      |                |              | n-Heptane                        | 1.051 ppm v/v |
|            |          |           |               |                      |                |              | n-Hexane                         | 1.059 ppm v/v |
|            |          |           |               |                      |                |              | n-Nonane                         | 1.048 ppm v/v |
|            |          |           |               |                      |                |              | n-Octane                         | 1.033 ppm v/v |
|            |          |           |               |                      |                |              | n-Propylbenzene                  | 1.04 ppm v/v  |
|            |          |           |               |                      |                |              | Naphthalene                      | 0.972 ppm v/v |
|            |          |           |               |                      |                |              | o-Xylene                         | 1.036 ppm v/v |
|            |          |           |               |                      |                |              | Pentane                          | 1.013 ppm v/v |

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins TestAmerica, Burlington      Job No.: 200-56451-1

SDG No.: 200-56451-1

| Reagent ID               | Exp Date | Prep Date | Dilutant Used             | Reagent Final Volume | Parent Reagent      |              | Analyte                        | Concentration   |
|--------------------------|----------|-----------|---------------------------|----------------------|---------------------|--------------|--------------------------------|-----------------|
|                          |          |           |                           |                      | Reagent ID          | Volume Added |                                |                 |
|                          |          |           |                           |                      |                     |              | Propene                        | 1.032 ppm v/v   |
|                          |          |           |                           |                      |                     |              | sec-Butylbenzene               | 1.046 ppm v/v   |
|                          |          |           |                           |                      |                     |              | Styrene                        | 1.032 ppm v/v   |
|                          |          |           |                           |                      |                     |              | tert-Butyl alcohol             | 1.078 ppm v/v   |
|                          |          |           |                           |                      |                     |              | tert-Butylbenzene              | 1.036 ppm v/v   |
|                          |          |           |                           |                      |                     |              | Tetrachloroethene              | 1.05 ppm v/v    |
|                          |          |           |                           |                      |                     |              | Tetrahydrofuran                | 0.999 ppm v/v   |
|                          |          |           |                           |                      |                     |              | Toluene                        | 1.016 ppm v/v   |
|                          |          |           |                           |                      |                     |              | trans-1,2-Dichloroethene       | 1.02 ppm v/v    |
|                          |          |           |                           |                      |                     |              | trans-1,3-Dichloropropene      | 0.988 ppm v/v   |
|                          |          |           |                           |                      |                     |              | Trichloroethene                | 1.053 ppm v/v   |
|                          |          |           |                           |                      |                     |              | Trichlorofluoromethane         | 1.056 ppm v/v   |
|                          |          |           |                           |                      |                     |              | Undecane                       | 1.046 ppm v/v   |
|                          |          |           |                           |                      |                     |              | Vinyl acetate                  | 1.039 ppm v/v   |
|                          |          |           |                           |                      |                     |              | Vinyl chloride                 | 1.039 ppm v/v   |
| .ATTO15EthCALw_00123     | 03/14/21 | 12/14/20  | Nitrogen, Lot 12          | 37.5 ppb             | ATTO15EthCALs_00009 | 18.75 uL     | Ethanol                        | 500 ppb v/v     |
| ..ATTO15EthCALs_00009    | 09/05/21 |           | Chem Service, Lot 5301900 |                      | (Purchased Reagent) |              | Ethanol                        | 1 mL/mL         |
| <b>ATTO15CAL6w_00181</b> | 12/13/20 | 10/19/20  | Nitrogen, Lot 1           | 15.463 L             | ATTO15CALSTKi_00134 | 1546 mL      | 1,1,1-Trichloroethane          | 20.376 ppb v/v  |
|                          |          |           |                           |                      |                     |              | 1,1,2,2-Tetrachloroethane      | 20.676 ppb v/v  |
|                          |          |           |                           |                      |                     |              | 1,1,2-Trichloroethane          | 20.9559 ppb v/v |
|                          |          |           |                           |                      |                     |              | 1,1,2-Trichlorotrifluoroethane | 20.9759 ppb v/v |
|                          |          |           |                           |                      |                     |              | 1,1-Dichloroethane             | 19.9961 ppb v/v |
|                          |          |           |                           |                      |                     |              | 1,1-Dichloroethene             | 20.556 ppb v/v  |
|                          |          |           |                           |                      |                     |              | 1,2,3-Trichlorobenzene         | 18.2365 ppb v/v |
|                          |          |           |                           |                      |                     |              | 1,2,3-Trichloropropane         | 21.1759 ppb v/v |
|                          |          |           |                           |                      |                     |              | 1,2,4-Trichlorobenzene         | 21.7158 ppb v/v |
|                          |          |           |                           |                      |                     |              | 1,2,4-Trimethylbenzene         | 20.796 ppb v/v  |
|                          |          |           |                           |                      |                     |              | 1,2-Dibromoethane              | 21.2159 ppb v/v |
|                          |          |           |                           |                      |                     |              | 1,2-Dichlorobenzene            | 20.8759 ppb v/v |
|                          |          |           |                           |                      |                     |              | 1,2-Dichloroethane             | 20.716 ppb v/v  |
|                          |          |           |                           |                      |                     |              | 1,2-Dichloropropane            | 20.616 ppb v/v  |
|                          |          |           |                           |                      |                     |              | 1,2-Dichlorotetrafluoroethane  | 20.816 ppb v/v  |
|                          |          |           |                           |                      |                     |              | 1,3,5-Trimethylbenzene         | 20.776 ppb v/v  |

# REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-56451-1

SDG No.: 200-56451-1

| Reagent ID | Exp Date | Prep Date | Dilutant Used | Reagent Final Volume | Parent Reagent |              | Analyte                                       | Concentration   |
|------------|----------|-----------|---------------|----------------------|----------------|--------------|-----------------------------------------------|-----------------|
|            |          |           |               |                      | Reagent ID     | Volume Added |                                               |                 |
|            |          |           |               |                      |                |              | 1,3-Butadiene                                 | 20.2361 ppb v/v |
|            |          |           |               |                      |                |              | 1,3-Dichlorobenzene                           | 21.1559 ppb v/v |
|            |          |           |               |                      |                |              | 1,4-Dichlorobenzene                           | 20.9359 ppb v/v |
|            |          |           |               |                      |                |              | 1,4-Dioxane                                   | 21.1559 ppb v/v |
|            |          |           |               |                      |                |              | 2,2,4-Trimethylpentane                        | 20.9359 ppb v/v |
|            |          |           |               |                      |                |              | 2-Chlorotoluene                               | 20.8759 ppb v/v |
|            |          |           |               |                      |                |              | 2-Methylbutane                                | 20.8759 ppb v/v |
|            |          |           |               |                      |                |              | 3-Chloropropene                               | 21.2959 ppb v/v |
|            |          |           |               |                      |                |              | 4-Ethyltoluene                                | 20.656 ppb v/v  |
|            |          |           |               |                      |                |              | 4-Isopropyltoluene                            | 20.616 ppb v/v  |
|            |          |           |               |                      |                |              | 4-Methyl-2-pentanone (Methyl isobutyl ketone) | 20.476 ppb v/v  |
|            |          |           |               |                      |                |              | Acetone                                       | 20.476 ppb v/v  |
|            |          |           |               |                      |                |              | Acetonitrile                                  | 19.7962 ppb v/v |
|            |          |           |               |                      |                |              | Acrolein                                      | 19.4362 ppb v/v |
|            |          |           |               |                      |                |              | Acrylonitrile                                 | 20.2161 ppb v/v |
|            |          |           |               |                      |                |              | Alpha Methyl Styrene                          | 20.396 ppb v/v  |
|            |          |           |               |                      |                |              | Benzene                                       | 20.656 ppb v/v  |
|            |          |           |               |                      |                |              | Benzyl chloride                               | 21.1559 ppb v/v |
|            |          |           |               |                      |                |              | Bromodichloromethane                          | 21.1359 ppb v/v |
|            |          |           |               |                      |                |              | Bromoethene (Vinyl Bromide)                   | 20.836 ppb v/v  |
|            |          |           |               |                      |                |              | Bromoform                                     | 20.576 ppb v/v  |
|            |          |           |               |                      |                |              | Bromomethane                                  | 20.616 ppb v/v  |
|            |          |           |               |                      |                |              | Carbon disulfide                              | 20.3161 ppb v/v |
|            |          |           |               |                      |                |              | Carbon tetrachloride                          | 20.3161 ppb v/v |
|            |          |           |               |                      |                |              | Chlorobenzene                                 | 20.9759 ppb v/v |

# REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-56451-1

SDG No.: 200-56451-1

| Reagent ID | Exp Date | Prep Date | Dilutant Used | Reagent Final Volume | Parent Reagent |              | Analyte                          | Concentration   |
|------------|----------|-----------|---------------|----------------------|----------------|--------------|----------------------------------|-----------------|
|            |          |           |               |                      | Reagent ID     | Volume Added |                                  |                 |
|            |          |           |               |                      |                |              | Chlorodifluoromethane            | 20.9559 ppb v/v |
|            |          |           |               |                      |                |              | Chloroethane                     | 20.776 ppb v/v  |
|            |          |           |               |                      |                |              | Chloroform                       | 20.1961 ppb v/v |
|            |          |           |               |                      |                |              | Chloromethane                    | 21.8358 ppb v/v |
|            |          |           |               |                      |                |              | cis-1,2-Dichloroethene           | 20.1961 ppb v/v |
|            |          |           |               |                      |                |              | cis-1,3-Dichloropropene          | 20.776 ppb v/v  |
|            |          |           |               |                      |                |              | Cumene                           | 20.856 ppb v/v  |
|            |          |           |               |                      |                |              | Cyclohexane                      | 20.2961 ppb v/v |
|            |          |           |               |                      |                |              | Dibromochloromethane             | 19.3562 ppb v/v |
|            |          |           |               |                      |                |              | Dibromomethane                   | 20.596 ppb v/v  |
|            |          |           |               |                      |                |              | Dichlorodifluoromethane          | 20.8759 ppb v/v |
|            |          |           |               |                      |                |              | Dodecane                         | 18.7164 ppb v/v |
|            |          |           |               |                      |                |              | Ethyl acetate                    | 20.2561 ppb v/v |
|            |          |           |               |                      |                |              | Ethyl ether                      | 20.1561 ppb v/v |
|            |          |           |               |                      |                |              | Ethylbenzene                     | 20.436 ppb v/v  |
|            |          |           |               |                      |                |              | Hexachlorobutadiene              | 20.516 ppb v/v  |
|            |          |           |               |                      |                |              | Isopropyl alcohol                | 20.436 ppb v/v  |
|            |          |           |               |                      |                |              | m,p-Xylene                       | 41.112 ppb v/v  |
|            |          |           |               |                      |                |              | Methyl Butyl Ketone (2-Hexanone) | 19.9761 ppb v/v |
|            |          |           |               |                      |                |              | Methyl Ethyl Ketone (2-Butanone) | 20.676 ppb v/v  |
|            |          |           |               |                      |                |              | Methyl methacrylate              | 20.3161 ppb v/v |
|            |          |           |               |                      |                |              | Methyl tert-butyl ether          | 20.8959 ppb v/v |
|            |          |           |               |                      |                |              | Methylene Chloride               | 20.556 ppb v/v  |
|            |          |           |               |                      |                |              | n-Butane                         | 20.716 ppb v/v  |
|            |          |           |               |                      |                |              | n-Butanol                        | 19.0963 ppb v/v |

# REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-56451-1

SDG No.: 200-56451-1

| Reagent ID | Exp Date | Prep Date | Dilutant Used | Reagent Final Volume | Parent Reagent |              | Analyte                   | Concentration      |
|------------|----------|-----------|---------------|----------------------|----------------|--------------|---------------------------|--------------------|
|            |          |           |               |                      | Reagent ID     | Volume Added |                           |                    |
|            |          |           |               |                      |                |              | n-Butylbenzene            | 20.776 ppb<br>v/v  |
|            |          |           |               |                      |                |              | n-Decane                  | 20.836 ppb<br>v/v  |
|            |          |           |               |                      |                |              | n-Heptane                 | 21.0159 ppb<br>v/v |
|            |          |           |               |                      |                |              | n-Hexane                  | 21.1759 ppb<br>v/v |
|            |          |           |               |                      |                |              | n-Nonane                  | 20.9559 ppb<br>v/v |
|            |          |           |               |                      |                |              | n-Octane                  | 20.656 ppb<br>v/v  |
|            |          |           |               |                      |                |              | n-Propylbenzene           | 20.796 ppb<br>v/v  |
|            |          |           |               |                      |                |              | Naphthalene               | 19.4362 ppb<br>v/v |
|            |          |           |               |                      |                |              | o-Xylene                  | 20.716 ppb<br>v/v  |
|            |          |           |               |                      |                |              | Pentane                   | 20.2561 ppb<br>v/v |
|            |          |           |               |                      |                |              | Propene                   | 20.636 ppb<br>v/v  |
|            |          |           |               |                      |                |              | sec-Butylbenzene          | 20.9159 ppb<br>v/v |
|            |          |           |               |                      |                |              | Styrene                   | 20.636 ppb<br>v/v  |
|            |          |           |               |                      |                |              | tert-Butyl alcohol        | 21.5558 ppb<br>v/v |
|            |          |           |               |                      |                |              | tert-Butylbenzene         | 20.716 ppb<br>v/v  |
|            |          |           |               |                      |                |              | Tetrachloroethene         | 20.9959 ppb<br>v/v |
|            |          |           |               |                      |                |              | Tetrahydrofuran           | 19.9761 ppb<br>v/v |
|            |          |           |               |                      |                |              | Toluene                   | 20.3161 ppb<br>v/v |
|            |          |           |               |                      |                |              | trans-1,2-Dichloroethene  | 20.396 ppb<br>v/v  |
|            |          |           |               |                      |                |              | trans-1,3-Dichloropropene | 19.7562 ppb<br>v/v |
|            |          |           |               |                      |                |              | Trichloroethene           | 21.0559 ppb<br>v/v |
|            |          |           |               |                      |                |              | Trichlorofluoromethane    | 21.1159 ppb<br>v/v |
|            |          |           |               |                      |                |              | Undecane                  | 20.9159 ppb<br>v/v |
|            |          |           |               |                      |                |              | Vinyl acetate             | 20.776 ppb<br>v/v  |
|            |          |           |               |                      |                |              | Vinyl chloride            | 20.776 ppb<br>v/v  |

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins TestAmerica, Burlington      Job No.: 200-56451-1

SDG No.: 200-56451-1

| Reagent ID           | Exp Date | Prep Date | Dilutant Used    | Reagent Final Volume | Parent Reagent      |              | Analyte                                       | Concentration   |
|----------------------|----------|-----------|------------------|----------------------|---------------------|--------------|-----------------------------------------------|-----------------|
|                      |          |           |                  |                      | Reagent ID          | Volume Added |                                               |                 |
|                      |          |           |                  |                      | ATTO15EthCALw_00121 | 1237 mL      | Ethanol                                       | 39.9987 ppb v/v |
| .ATTO15CALSTKi_00134 | 12/13/20 | 10/16/20  | Nitrogen, Lot 13 | 15 L                 | ATTO15CALs_00039    | 3000 mL      | 1,1,1-Trichloroethane                         | 203.8 ppb v/v   |
|                      |          |           |                  |                      |                     |              | 1,1,2,2-Tetrachloroethane                     | 206.8 ppb v/v   |
|                      |          |           |                  |                      |                     |              | 1,1,2-Trichloroethane                         | 209.6 ppb v/v   |
|                      |          |           |                  |                      |                     |              | 1,1,2-Trichlorotrifluoroethane                | 209.8 ppb v/v   |
|                      |          |           |                  |                      |                     |              | 1,1-Dichloroethane                            | 200 ppb v/v     |
|                      |          |           |                  |                      |                     |              | 1,1-Dichloroethene                            | 205.6 ppb v/v   |
|                      |          |           |                  |                      |                     |              | 1,2,3-Trichlorobenzene                        | 182.4 ppb v/v   |
|                      |          |           |                  |                      |                     |              | 1,2,3-Trichloropropane                        | 211.8 ppb v/v   |
|                      |          |           |                  |                      |                     |              | 1,2,4-Trichlorobenzene                        | 217.2 ppb v/v   |
|                      |          |           |                  |                      |                     |              | 1,2,4-Trimethylbenzene                        | 208 ppb v/v     |
|                      |          |           |                  |                      |                     |              | 1,2-Dibromoethane                             | 212.2 ppb v/v   |
|                      |          |           |                  |                      |                     |              | 1,2-Dichlorobenzene                           | 208.8 ppb v/v   |
|                      |          |           |                  |                      |                     |              | 1,2-Dichloroethane                            | 207.2 ppb v/v   |
|                      |          |           |                  |                      |                     |              | 1,2-Dichloropropane                           | 206.2 ppb v/v   |
|                      |          |           |                  |                      |                     |              | 1,2-Dichlorotetrafluoroethane                 | 208.2 ppb v/v   |
|                      |          |           |                  |                      |                     |              | 1,3,5-Trimethylbenzene                        | 207.8 ppb v/v   |
|                      |          |           |                  |                      |                     |              | 1,3-Butadiene                                 | 202.4 ppb v/v   |
|                      |          |           |                  |                      |                     |              | 1,3-Dichlorobenzene                           | 211.6 ppb v/v   |
|                      |          |           |                  |                      |                     |              | 1,4-Dichlorobenzene                           | 209.4 ppb v/v   |
|                      |          |           |                  |                      |                     |              | 1,4-Dioxane                                   | 211.6 ppb v/v   |
|                      |          |           |                  |                      |                     |              | 2,2,4-Trimethylpentane                        | 209.4 ppb v/v   |
|                      |          |           |                  |                      |                     |              | 2-Chlorotoluene                               | 208.8 ppb v/v   |
|                      |          |           |                  |                      |                     |              | 2-Methylbutane                                | 208.8 ppb v/v   |
|                      |          |           |                  |                      |                     |              | 3-Chloropropene                               | 213 ppb v/v     |
|                      |          |           |                  |                      |                     |              | 4-Ethyltoluene                                | 206.6 ppb v/v   |
|                      |          |           |                  |                      |                     |              | 4-Isopropyltoluene                            | 206.2 ppb v/v   |
|                      |          |           |                  |                      |                     |              | 4-Methyl-2-pentanone (Methyl isobutyl ketone) | 204.8 ppb v/v   |
|                      |          |           |                  |                      |                     |              | Acetone                                       | 204.8 ppb v/v   |
|                      |          |           |                  |                      |                     |              | Acetonitrile                                  | 198 ppb v/v     |
|                      |          |           |                  |                      |                     |              | Acrolein                                      | 194.4 ppb v/v   |
|                      |          |           |                  |                      |                     |              | Acrylonitrile                                 | 202.2 ppb v/v   |
|                      |          |           |                  |                      |                     |              | Alpha Methyl Styrene                          | 204 ppb v/v     |
|                      |          |           |                  |                      |                     |              | Benzene                                       | 206.6 ppb v/v   |
|                      |          |           |                  |                      |                     |              | Benzyl chloride                               | 211.6 ppb v/v   |
|                      |          |           |                  |                      |                     |              | Bromodichloromethane                          | 211.4 ppb v/v   |
|                      |          |           |                  |                      |                     |              | Bromoethene (Vinyl Bromide)                   | 208.4 ppb v/v   |
|                      |          |           |                  |                      |                     |              | Bromoform                                     | 205.8 ppb v/v   |
|                      |          |           |                  |                      |                     |              | Bromomethane                                  | 206.2 ppb v/v   |
|                      |          |           |                  |                      |                     |              | Carbon disulfide                              | 203.2 ppb v/v   |
|                      |          |           |                  |                      |                     |              | Carbon tetrachloride                          | 203.2 ppb v/v   |
|                      |          |           |                  |                      |                     |              | Chlorobenzene                                 | 209.8 ppb v/v   |
|                      |          |           |                  |                      |                     |              | Chlorodifluoromethane                         | 209.6 ppb v/v   |
|                      |          |           |                  |                      |                     |              | Chloroethane                                  | 207.8 ppb v/v   |
|                      |          |           |                  |                      |                     |              | Chloroform                                    | 202 ppb v/v     |
|                      |          |           |                  |                      |                     |              | Chloromethane                                 | 218.4 ppb v/v   |



## REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-56451-1

SDG No.: 200-56451-1

| Reagent ID | Exp Date | Prep Date | Dilutant Used | Reagent Final Volume | Parent Reagent |              | Analyte                          | Concentration |
|------------|----------|-----------|---------------|----------------------|----------------|--------------|----------------------------------|---------------|
|            |          |           |               |                      | Reagent ID     | Volume Added |                                  |               |
|            |          |           |               |                      |                |              | cis-1,2-Dichloroethene           | 202 ppb v/v   |
|            |          |           |               |                      |                |              | cis-1,3-Dichloropropene          | 207.8 ppb v/v |
|            |          |           |               |                      |                |              | Cumene                           | 208.6 ppb v/v |
|            |          |           |               |                      |                |              | Cyclohexane                      | 203 ppb v/v   |
|            |          |           |               |                      |                |              | Dibromochloromethane             | 193.6 ppb v/v |
|            |          |           |               |                      |                |              | Dibromomethane                   | 206 ppb v/v   |
|            |          |           |               |                      |                |              | Dichlorodifluoromethane          | 208.8 ppb v/v |
|            |          |           |               |                      |                |              | Dodecane                         | 187.2 ppb v/v |
|            |          |           |               |                      |                |              | Ethyl acetate                    | 202.6 ppb v/v |
|            |          |           |               |                      |                |              | Ethyl ether                      | 201.6 ppb v/v |
|            |          |           |               |                      |                |              | Ethylbenzene                     | 204.4 ppb v/v |
|            |          |           |               |                      |                |              | Hexachlorobutadiene              | 205.2 ppb v/v |
|            |          |           |               |                      |                |              | Isopropyl alcohol                | 204.4 ppb v/v |
|            |          |           |               |                      |                |              | m,p-Xylene                       | 411.2 ppb v/v |
|            |          |           |               |                      |                |              | Methyl Butyl Ketone (2-Hexanone) | 199.8 ppb v/v |
|            |          |           |               |                      |                |              | Methyl Ethyl Ketone (2-Butanone) | 206.8 ppb v/v |
|            |          |           |               |                      |                |              | Methyl methacrylate              | 203.2 ppb v/v |
|            |          |           |               |                      |                |              | Methyl tert-butyl ether          | 209 ppb v/v   |
|            |          |           |               |                      |                |              | Methylene Chloride               | 205.6 ppb v/v |
|            |          |           |               |                      |                |              | n-Butane                         | 207.2 ppb v/v |
|            |          |           |               |                      |                |              | n-Butanol                        | 191 ppb v/v   |
|            |          |           |               |                      |                |              | n-Butylbenzene                   | 207.8 ppb v/v |
|            |          |           |               |                      |                |              | n-Decane                         | 208.4 ppb v/v |
|            |          |           |               |                      |                |              | n-Heptane                        | 210.2 ppb v/v |
|            |          |           |               |                      |                |              | n-Hexane                         | 211.8 ppb v/v |
|            |          |           |               |                      |                |              | n-Nonane                         | 209.6 ppb v/v |
|            |          |           |               |                      |                |              | n-Octane                         | 206.6 ppb v/v |
|            |          |           |               |                      |                |              | n-Propylbenzene                  | 208 ppb v/v   |
|            |          |           |               |                      |                |              | Naphthalene                      | 194.4 ppb v/v |
|            |          |           |               |                      |                |              | o-Xylene                         | 207.2 ppb v/v |
|            |          |           |               |                      |                |              | Pentane                          | 202.6 ppb v/v |
|            |          |           |               |                      |                |              | Propene                          | 206.4 ppb v/v |
|            |          |           |               |                      |                |              | sec-Butylbenzene                 | 209.2 ppb v/v |
|            |          |           |               |                      |                |              | Styrene                          | 206.4 ppb v/v |
|            |          |           |               |                      |                |              | tert-Butyl alcohol               | 215.6 ppb v/v |
|            |          |           |               |                      |                |              | tert-Butylbenzene                | 207.2 ppb v/v |
|            |          |           |               |                      |                |              | Tetrachloroethene                | 210 ppb v/v   |
|            |          |           |               |                      |                |              | Tetrahydrofuran                  | 199.8 ppb v/v |
|            |          |           |               |                      |                |              | Toluene                          | 203.2 ppb v/v |
|            |          |           |               |                      |                |              | trans-1,2-Dichloroethene         | 204 ppb v/v   |
|            |          |           |               |                      |                |              | trans-1,3-Dichloropropene        | 197.6 ppb v/v |
|            |          |           |               |                      |                |              | Trichloroethene                  | 210.6 ppb v/v |
|            |          |           |               |                      |                |              | Trichlorofluoromethane           | 211.2 ppb v/v |
|            |          |           |               |                      |                |              | Undecane                         | 209.2 ppb v/v |
|            |          |           |               |                      |                |              | Vinyl acetate                    | 207.8 ppb v/v |
|            |          |           |               |                      |                |              | Vinyl chloride                   | 207.8 ppb v/v |

## REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-56451-1

SDG No.: 200-56451-1

| Reagent ID         | Exp Date | Prep Date | Dilutant Used        | Reagent Final Volume | Parent Reagent      |              | Analyte                                       | Concentration |
|--------------------|----------|-----------|----------------------|----------------------|---------------------|--------------|-----------------------------------------------|---------------|
|                    |          |           |                      |                      | Reagent ID          | Volume Added |                                               |               |
| ..ATTO15CALs_00039 | 12/13/20 |           | Linde, Lot CC-237336 |                      | (Purchased Reagent) |              | 1,1,1-Trichloroethane                         | 1.019 ppm v/v |
|                    |          |           |                      |                      |                     |              | 1,1,2,2-Tetrachloroethane                     | 1.034 ppm v/v |
|                    |          |           |                      |                      |                     |              | 1,1,2-Trichloroethane                         | 1.048 ppm v/v |
|                    |          |           |                      |                      |                     |              | 1,1,2-Trichlorotrifluoroethane                | 1.049 ppm v/v |
|                    |          |           |                      |                      |                     |              | 1,1-Dichloroethane                            | 1 ppm v/v     |
|                    |          |           |                      |                      |                     |              | 1,1-Dichloroethene                            | 1.028 ppm v/v |
|                    |          |           |                      |                      |                     |              | 1,2,3-Trichlorobenzene                        | 0.912 ppm v/v |
|                    |          |           |                      |                      |                     |              | 1,2,3-Trichloropropane                        | 1.059 ppm v/v |
|                    |          |           |                      |                      |                     |              | 1,2,4-Trichlorobenzene                        | 1.086 ppm v/v |
|                    |          |           |                      |                      |                     |              | 1,2,4-Trimethylbenzene                        | 1.04 ppm v/v  |
|                    |          |           |                      |                      |                     |              | 1,2-Dibromoethane                             | 1.061 ppm v/v |
|                    |          |           |                      |                      |                     |              | 1,2-Dichlorobenzene                           | 1.044 ppm v/v |
|                    |          |           |                      |                      |                     |              | 1,2-Dichloroethane                            | 1.036 ppm v/v |
|                    |          |           |                      |                      |                     |              | 1,2-Dichloropropane                           | 1.031 ppm v/v |
|                    |          |           |                      |                      |                     |              | 1,2-Dichlorotetrafluoroethane                 | 1.041 ppm v/v |
|                    |          |           |                      |                      |                     |              | 1,3,5-Trimethylbenzene                        | 1.039 ppm v/v |
|                    |          |           |                      |                      |                     |              | 1,3-Butadiene                                 | 1.012 ppm v/v |
|                    |          |           |                      |                      |                     |              | 1,3-Dichlorobenzene                           | 1.058 ppm v/v |
|                    |          |           |                      |                      |                     |              | 1,4-Dichlorobenzene                           | 1.047 ppm v/v |
|                    |          |           |                      |                      |                     |              | 1,4-Dioxane                                   | 1.058 ppm v/v |
|                    |          |           |                      |                      |                     |              | 2,2,4-Trimethylpentane                        | 1.047 ppm v/v |
|                    |          |           |                      |                      |                     |              | 2-Chlorotoluene                               | 1.044 ppm v/v |
|                    |          |           |                      |                      |                     |              | 2-Methylbutane                                | 1.044 ppm v/v |
|                    |          |           |                      |                      |                     |              | 3-Chloropropene                               | 1.065 ppm v/v |
|                    |          |           |                      |                      |                     |              | 4-Ethyltoluene                                | 1.033 ppm v/v |
|                    |          |           |                      |                      |                     |              | 4-Isopropyltoluene                            | 1.031 ppm v/v |
|                    |          |           |                      |                      |                     |              | 4-Methyl-2-pentanone (Methyl isobutyl ketone) | 1.024 ppm v/v |
|                    |          |           |                      |                      |                     |              | Acetone                                       | 1.024 ppm v/v |
|                    |          |           |                      |                      |                     |              | Acetonitrile                                  | 0.99 ppm v/v  |
|                    |          |           |                      |                      |                     |              | Acrolein                                      | 0.972 ppm v/v |
|                    |          |           |                      |                      |                     |              | Acrylonitrile                                 | 1.011 ppm v/v |
|                    |          |           |                      |                      |                     |              | Alpha Methyl Styrene                          | 1.02 ppm v/v  |
|                    |          |           |                      |                      |                     |              | Benzene                                       | 1.033 ppm v/v |
|                    |          |           |                      |                      |                     |              | Benzyl chloride                               | 1.058 ppm v/v |
|                    |          |           |                      |                      |                     |              | Bromodichloromethane                          | 1.057 ppm v/v |
|                    |          |           |                      |                      |                     |              | Bromoethene (Vinyl Bromide)                   | 1.042 ppm v/v |
|                    |          |           |                      |                      |                     |              | Bromoform                                     | 1.029 ppm v/v |
|                    |          |           |                      |                      |                     |              | Bromomethane                                  | 1.031 ppm v/v |
|                    |          |           |                      |                      |                     |              | Carbon disulfide                              | 1.016 ppm v/v |
|                    |          |           |                      |                      |                     |              | Carbon tetrachloride                          | 1.016 ppm v/v |
|                    |          |           |                      |                      |                     |              | Chlorobenzene                                 | 1.049 ppm v/v |
|                    |          |           |                      |                      |                     |              | Chlorodifluoromethane                         | 1.048 ppm v/v |
|                    |          |           |                      |                      |                     |              | Chloroethane                                  | 1.039 ppm v/v |
|                    |          |           |                      |                      |                     |              | Chloroform                                    | 1.01 ppm v/v  |
|                    |          |           |                      |                      |                     |              | Chloromethane                                 | 1.092 ppm v/v |
|                    |          |           |                      |                      |                     |              | cis-1,2-Dichloroethene                        | 1.01 ppm v/v  |
|                    |          |           |                      |                      |                     |              | cis-1,3-Dichloropropene                       | 1.039 ppm v/v |

## REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-56451-1

SDG No.: 200-56451-1

| Reagent ID            | Exp Date | Prep Date | Dilutant Used             | Reagent Final Volume | Parent Reagent      |              | Analyte                          | Concentration |
|-----------------------|----------|-----------|---------------------------|----------------------|---------------------|--------------|----------------------------------|---------------|
|                       |          |           |                           |                      | Reagent ID          | Volume Added |                                  |               |
|                       |          |           |                           |                      |                     |              | Cumene                           | 1.043 ppm v/v |
|                       |          |           |                           |                      |                     |              | Cyclohexane                      | 1.015 ppm v/v |
|                       |          |           |                           |                      |                     |              | Dibromochloromethane             | 0.968 ppm v/v |
|                       |          |           |                           |                      |                     |              | Dibromomethane                   | 1.03 ppm v/v  |
|                       |          |           |                           |                      |                     |              | Dichlorodifluoromethane          | 1.044 ppm v/v |
|                       |          |           |                           |                      |                     |              | Dodecane                         | 0.936 ppm v/v |
|                       |          |           |                           |                      |                     |              | Ethyl acetate                    | 1.013 ppm v/v |
|                       |          |           |                           |                      |                     |              | Ethyl ether                      | 1.008 ppm v/v |
|                       |          |           |                           |                      |                     |              | Ethylbenzene                     | 1.022 ppm v/v |
|                       |          |           |                           |                      |                     |              | Hexachlorobutadiene              | 1.026 ppm v/v |
|                       |          |           |                           |                      |                     |              | Isopropyl alcohol                | 1.022 ppm v/v |
|                       |          |           |                           |                      |                     |              | m,p-Xylene                       | 2.056 ppm v/v |
|                       |          |           |                           |                      |                     |              | Methyl Butyl Ketone (2-Hexanone) | 0.999 ppm v/v |
|                       |          |           |                           |                      |                     |              | Methyl Ethyl Ketone (2-Butanone) | 1.034 ppm v/v |
|                       |          |           |                           |                      |                     |              | Methyl methacrylate              | 1.016 ppm v/v |
|                       |          |           |                           |                      |                     |              | Methyl tert-butyl ether          | 1.045 ppm v/v |
|                       |          |           |                           |                      |                     |              | Methylene Chloride               | 1.028 ppm v/v |
|                       |          |           |                           |                      |                     |              | n-Butane                         | 1.036 ppm v/v |
|                       |          |           |                           |                      |                     |              | n-Butanol                        | 0.955 ppm v/v |
|                       |          |           |                           |                      |                     |              | n-Butylbenzene                   | 1.039 ppm v/v |
|                       |          |           |                           |                      |                     |              | n-Decane                         | 1.042 ppm v/v |
|                       |          |           |                           |                      |                     |              | n-Heptane                        | 1.051 ppm v/v |
|                       |          |           |                           |                      |                     |              | n-Hexane                         | 1.059 ppm v/v |
|                       |          |           |                           |                      |                     |              | n-Nonane                         | 1.048 ppm v/v |
|                       |          |           |                           |                      |                     |              | n-Octane                         | 1.033 ppm v/v |
|                       |          |           |                           |                      |                     |              | n-Propylbenzene                  | 1.04 ppm v/v  |
|                       |          |           |                           |                      |                     |              | Naphthalene                      | 0.972 ppm v/v |
|                       |          |           |                           |                      |                     |              | o-Xylene                         | 1.036 ppm v/v |
|                       |          |           |                           |                      |                     |              | Pentane                          | 1.013 ppm v/v |
|                       |          |           |                           |                      |                     |              | Propene                          | 1.032 ppm v/v |
|                       |          |           |                           |                      |                     |              | sec-Butylbenzene                 | 1.046 ppm v/v |
|                       |          |           |                           |                      |                     |              | Styrene                          | 1.032 ppm v/v |
|                       |          |           |                           |                      |                     |              | tert-Butyl alcohol               | 1.078 ppm v/v |
|                       |          |           |                           |                      |                     |              | tert-Butylbenzene                | 1.036 ppm v/v |
|                       |          |           |                           |                      |                     |              | Tetrachloroethene                | 1.05 ppm v/v  |
|                       |          |           |                           |                      |                     |              | Tetrahydrofuran                  | 0.999 ppm v/v |
|                       |          |           |                           |                      |                     |              | Toluene                          | 1.016 ppm v/v |
|                       |          |           |                           |                      |                     |              | trans-1,2-Dichloroethene         | 1.02 ppm v/v  |
|                       |          |           |                           |                      |                     |              | trans-1,3-Dichloropropene        | 0.988 ppm v/v |
|                       |          |           |                           |                      |                     |              | Trichloroethene                  | 1.053 ppm v/v |
|                       |          |           |                           |                      |                     |              | Trichlorofluoromethane           | 1.056 ppm v/v |
|                       |          |           |                           |                      |                     |              | Undecane                         | 1.046 ppm v/v |
|                       |          |           |                           |                      |                     |              | Vinyl acetate                    | 1.039 ppm v/v |
|                       |          |           |                           |                      |                     |              | Vinyl chloride                   | 1.039 ppm v/v |
| .ATTO15EthCALw_00121  | 12/30/20 | 10/16/20  | Nitrogen, Lot 12          | 37.5 ppb             | ATTO15EthCALs_00009 | 18.75 uL     | Ethanol                          | 500 ppb v/v   |
| ..ATTO15EthCALs_00009 | 09/05/21 |           | Chem Service, Lot 5301900 |                      | (Purchased Reagent) |              | Ethanol                          | 1 mL/mL       |

## REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-56451-1

SDG No.: 200-56451-1

| Reagent ID        | Exp Date | Prep Date | Dilutant Used   | Reagent Final Volume | Parent Reagent      |              | Analyte                        | Concentration   |
|-------------------|----------|-----------|-----------------|----------------------|---------------------|--------------|--------------------------------|-----------------|
|                   |          |           |                 |                      | Reagent ID          | Volume Added |                                |                 |
| ATTO15CAL6w_00184 | 03/14/21 | 12/14/20  | Nitrogen, Lot 1 | 15.463 L             | ATTO15CALSTKi_00137 | 1546 mL      | 1,1,1-Trichloroethane          | 20.376 ppb v/v  |
|                   |          |           |                 |                      |                     |              | 1,1,2,2-Tetrachloroethane      | 20.676 ppb v/v  |
|                   |          |           |                 |                      |                     |              | 1,1,2-Trichloroethane          | 20.9559 ppb v/v |
|                   |          |           |                 |                      |                     |              | 1,1,2-Trichlorotrifluoroethane | 20.9759 ppb v/v |
|                   |          |           |                 |                      |                     |              | 1,1-Dichloroethane             | 19.9961 ppb v/v |
|                   |          |           |                 |                      |                     |              | 1,1-Dichloroethene             | 20.556 ppb v/v  |
|                   |          |           |                 |                      |                     |              | 1,2,3-Trichlorobenzene         | 18.2365 ppb v/v |
|                   |          |           |                 |                      |                     |              | 1,2,3-Trichloropropane         | 21.1759 ppb v/v |
|                   |          |           |                 |                      |                     |              | 1,2,4-Trichlorobenzene         | 21.7158 ppb v/v |
|                   |          |           |                 |                      |                     |              | 1,2,4-Trimethylbenzene         | 20.796 ppb v/v  |
|                   |          |           |                 |                      |                     |              | 1,2-Dibromoethane              | 21.2159 ppb v/v |
|                   |          |           |                 |                      |                     |              | 1,2-Dichlorobenzene            | 20.8759 ppb v/v |
|                   |          |           |                 |                      |                     |              | 1,2-Dichloroethane             | 20.716 ppb v/v  |
|                   |          |           |                 |                      |                     |              | 1,2-Dichloropropane            | 20.616 ppb v/v  |
|                   |          |           |                 |                      |                     |              | 1,2-Dichlorotetrafluoroethane  | 20.816 ppb v/v  |
|                   |          |           |                 |                      |                     |              | 1,3,5-Trimethylbenzene         | 20.776 ppb v/v  |
|                   |          |           |                 |                      |                     |              | 1,3-Butadiene                  | 20.2361 ppb v/v |
|                   |          |           |                 |                      |                     |              | 1,3-Dichlorobenzene            | 21.1559 ppb v/v |
|                   |          |           |                 |                      |                     |              | 1,4-Dichlorobenzene            | 20.9359 ppb v/v |
|                   |          |           |                 |                      |                     |              | 1,4-Dioxane                    | 21.1559 ppb v/v |
|                   |          |           |                 |                      |                     |              | 2,2,4-Trimethylpentane         | 20.9359 ppb v/v |
|                   |          |           |                 |                      |                     |              | 2-Chlorotoluene                | 20.8759 ppb v/v |
|                   |          |           |                 |                      |                     |              | 2-Methylbutane                 | 20.8759 ppb v/v |
|                   |          |           |                 |                      |                     |              | 3-Chloropropene                | 21.2959 ppb v/v |
|                   |          |           |                 |                      |                     |              | 4-Ethyltoluene                 | 20.656 ppb v/v  |

## REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-56451-1SDG No.: 200-56451-1

| Reagent ID | Exp Date | Prep Date | Dilutant Used | Reagent Final Volume | Parent Reagent |              | Analyte                                       | Concentration   |
|------------|----------|-----------|---------------|----------------------|----------------|--------------|-----------------------------------------------|-----------------|
|            |          |           |               |                      | Reagent ID     | Volume Added |                                               |                 |
|            |          |           |               |                      |                |              | 4-Isopropyltoluene                            | 20.616 ppb v/v  |
|            |          |           |               |                      |                |              | 4-Methyl-2-pentanone (Methyl isobutyl ketone) | 20.476 ppb v/v  |
|            |          |           |               |                      |                |              | Acetone                                       | 20.476 ppb v/v  |
|            |          |           |               |                      |                |              | Acetonitrile                                  | 19.7962 ppb v/v |
|            |          |           |               |                      |                |              | Acrolein                                      | 19.4362 ppb v/v |
|            |          |           |               |                      |                |              | Acrylonitrile                                 | 20.2161 ppb v/v |
|            |          |           |               |                      |                |              | Alpha Methyl Styrene                          | 20.396 ppb v/v  |
|            |          |           |               |                      |                |              | Benzene                                       | 20.656 ppb v/v  |
|            |          |           |               |                      |                |              | Benzyl chloride                               | 21.1559 ppb v/v |
|            |          |           |               |                      |                |              | Bromodichloromethane                          | 21.1359 ppb v/v |
|            |          |           |               |                      |                |              | Bromoethene (Vinyl Bromide)                   | 20.836 ppb v/v  |
|            |          |           |               |                      |                |              | Bromoform                                     | 20.576 ppb v/v  |
|            |          |           |               |                      |                |              | Bromomethane                                  | 20.616 ppb v/v  |
|            |          |           |               |                      |                |              | Carbon disulfide                              | 20.3161 ppb v/v |
|            |          |           |               |                      |                |              | Carbon tetrachloride                          | 20.3161 ppb v/v |
|            |          |           |               |                      |                |              | Chlorobenzene                                 | 20.9759 ppb v/v |
|            |          |           |               |                      |                |              | Chlorodifluoromethane                         | 20.9559 ppb v/v |
|            |          |           |               |                      |                |              | Chloroethane                                  | 20.776 ppb v/v  |
|            |          |           |               |                      |                |              | Chloroform                                    | 20.1961 ppb v/v |
|            |          |           |               |                      |                |              | Chloromethane                                 | 21.8358 ppb v/v |
|            |          |           |               |                      |                |              | cis-1,2-Dichloroethene                        | 20.1961 ppb v/v |
|            |          |           |               |                      |                |              | cis-1,3-Dichloropropene                       | 20.776 ppb v/v  |
|            |          |           |               |                      |                |              | Cumene                                        | 20.856 ppb v/v  |
|            |          |           |               |                      |                |              | Cyclohexane                                   | 20.2961 ppb v/v |
|            |          |           |               |                      |                |              | Dibromochloromethane                          | 19.3562 ppb v/v |

# REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-56451-1

SDG No.: 200-56451-1

| Reagent ID | Exp Date | Prep Date | Dilutant Used | Reagent Final Volume | Parent Reagent |              | Analyte                          | Concentration   |
|------------|----------|-----------|---------------|----------------------|----------------|--------------|----------------------------------|-----------------|
|            |          |           |               |                      | Reagent ID     | Volume Added |                                  |                 |
|            |          |           |               |                      |                |              | Dibromomethane                   | 20.596 ppb v/v  |
|            |          |           |               |                      |                |              | Dichlorodifluoromethane          | 20.8759 ppb v/v |
|            |          |           |               |                      |                |              | Dodecane                         | 18.7164 ppb v/v |
|            |          |           |               |                      |                |              | Ethyl acetate                    | 20.2561 ppb v/v |
|            |          |           |               |                      |                |              | Ethyl ether                      | 20.1561 ppb v/v |
|            |          |           |               |                      |                |              | Ethylbenzene                     | 20.436 ppb v/v  |
|            |          |           |               |                      |                |              | Hexachlorobutadiene              | 20.516 ppb v/v  |
|            |          |           |               |                      |                |              | Isopropyl alcohol                | 20.436 ppb v/v  |
|            |          |           |               |                      |                |              | m,p-Xylene                       | 41.112 ppb v/v  |
|            |          |           |               |                      |                |              | Methyl Butyl Ketone (2-Hexanone) | 19.9761 ppb v/v |
|            |          |           |               |                      |                |              | Methyl Ethyl Ketone (2-Butanone) | 20.676 ppb v/v  |
|            |          |           |               |                      |                |              | Methyl methacrylate              | 20.3161 ppb v/v |
|            |          |           |               |                      |                |              | Methyl tert-butyl ether          | 20.8959 ppb v/v |
|            |          |           |               |                      |                |              | Methylene Chloride               | 20.556 ppb v/v  |
|            |          |           |               |                      |                |              | n-Butane                         | 20.716 ppb v/v  |
|            |          |           |               |                      |                |              | n-Butanol                        | 19.0963 ppb v/v |
|            |          |           |               |                      |                |              | n-Butylbenzene                   | 20.776 ppb v/v  |
|            |          |           |               |                      |                |              | n-Decane                         | 20.836 ppb v/v  |
|            |          |           |               |                      |                |              | n-Heptane                        | 21.0159 ppb v/v |
|            |          |           |               |                      |                |              | n-Hexane                         | 21.1759 ppb v/v |
|            |          |           |               |                      |                |              | n-Nonane                         | 20.9559 ppb v/v |
|            |          |           |               |                      |                |              | n-Octane                         | 20.656 ppb v/v  |
|            |          |           |               |                      |                |              | n-Propylbenzene                  | 20.796 ppb v/v  |
|            |          |           |               |                      |                |              | Naphthalene                      | 19.4362 ppb v/v |
|            |          |           |               |                      |                |              | o-Xylene                         | 20.716 ppb v/v  |

## REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-56451-1

SDG No.: 200-56451-1

| Reagent ID           | Exp Date | Prep Date | Dilutant Used    | Reagent Final Volume | Parent Reagent      |              | Analyte                        | Concentration   |
|----------------------|----------|-----------|------------------|----------------------|---------------------|--------------|--------------------------------|-----------------|
|                      |          |           |                  |                      | Reagent ID          | Volume Added |                                |                 |
|                      |          |           |                  |                      |                     |              | Pentane                        | 20.2561 ppb v/v |
|                      |          |           |                  |                      |                     |              | Propene                        | 20.636 ppb v/v  |
|                      |          |           |                  |                      |                     |              | sec-Butylbenzene               | 20.9159 ppb v/v |
|                      |          |           |                  |                      |                     |              | Styrene                        | 20.636 ppb v/v  |
|                      |          |           |                  |                      |                     |              | tert-Butyl alcohol             | 21.5558 ppb v/v |
|                      |          |           |                  |                      |                     |              | tert-Butylbenzene              | 20.716 ppb v/v  |
|                      |          |           |                  |                      |                     |              | Tetrachloroethene              | 20.9959 ppb v/v |
|                      |          |           |                  |                      |                     |              | Tetrahydrofuran                | 19.9761 ppb v/v |
|                      |          |           |                  |                      |                     |              | Toluene                        | 20.3161 ppb v/v |
|                      |          |           |                  |                      |                     |              | trans-1,2-Dichloroethene       | 20.396 ppb v/v  |
|                      |          |           |                  |                      |                     |              | trans-1,3-Dichloropropene      | 19.7562 ppb v/v |
|                      |          |           |                  |                      |                     |              | Trichloroethene                | 21.0559 ppb v/v |
|                      |          |           |                  |                      |                     |              | Trichlorofluoromethane         | 21.1159 ppb v/v |
|                      |          |           |                  |                      |                     |              | Undecane                       | 20.9159 ppb v/v |
|                      |          |           |                  |                      |                     |              | Vinyl acetate                  | 20.776 ppb v/v  |
|                      |          |           |                  |                      |                     |              | Vinyl chloride                 | 20.776 ppb v/v  |
|                      |          |           |                  |                      | ATTO15EthCALw_00123 | 1237 mL      | Ethanol                        | 39.9987 ppb v/v |
| .ATTO15CALSTKi_00137 | 03/14/21 | 12/14/20  | Nitrogen, Lot 13 | 15 L                 | ATTO15CALs_00042    | 3000 mL      | 1,1,1-Trichloroethane          | 203.8 ppb v/v   |
|                      |          |           |                  |                      |                     |              | 1,1,2,2-Tetrachloroethane      | 206.8 ppb v/v   |
|                      |          |           |                  |                      |                     |              | 1,1,2-Trichloroethane          | 209.6 ppb v/v   |
|                      |          |           |                  |                      |                     |              | 1,1,2-Trichlorotrifluoroethane | 209.8 ppb v/v   |
|                      |          |           |                  |                      |                     |              | 1,1-Dichloroethane             | 200 ppb v/v     |
|                      |          |           |                  |                      |                     |              | 1,1-Dichloroethene             | 205.6 ppb v/v   |
|                      |          |           |                  |                      |                     |              | 1,2,3-Trichlorobenzene         | 182.4 ppb v/v   |
|                      |          |           |                  |                      |                     |              | 1,2,3-Trichloropropane         | 211.8 ppb v/v   |
|                      |          |           |                  |                      |                     |              | 1,2,4-Trichlorobenzene         | 217.2 ppb v/v   |
|                      |          |           |                  |                      |                     |              | 1,2,4-Trimethylbenzene         | 208 ppb v/v     |
|                      |          |           |                  |                      |                     |              | 1,2-Dibromoethane              | 212.2 ppb v/v   |
|                      |          |           |                  |                      |                     |              | 1,2-Dichlorobenzene            | 208.8 ppb v/v   |
|                      |          |           |                  |                      |                     |              | 1,2-Dichloroethane             | 207.2 ppb v/v   |
|                      |          |           |                  |                      |                     |              | 1,2-Dichloropropane            | 206.2 ppb v/v   |
|                      |          |           |                  |                      |                     |              | 1,2-Dichlorotetrafluoroethane  | 208.2 ppb v/v   |
|                      |          |           |                  |                      |                     |              | 1,3,5-Trimethylbenzene         | 207.8 ppb v/v   |

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins TestAmerica, Burlington      Job No.: 200-56451-1

SDG No.: 200-56451-1

| Reagent ID | Exp Date | Prep Date | Dilutant Used | Reagent Final Volume | Parent Reagent |              | Analyte                                       | Concentration |
|------------|----------|-----------|---------------|----------------------|----------------|--------------|-----------------------------------------------|---------------|
|            |          |           |               |                      | Reagent ID     | Volume Added |                                               |               |
|            |          |           |               |                      |                |              | 1,3-Butadiene                                 | 202.4 ppb v/v |
|            |          |           |               |                      |                |              | 1,3-Dichlorobenzene                           | 211.6 ppb v/v |
|            |          |           |               |                      |                |              | 1,4-Dichlorobenzene                           | 209.4 ppb v/v |
|            |          |           |               |                      |                |              | 1,4-Dioxane                                   | 211.6 ppb v/v |
|            |          |           |               |                      |                |              | 2,2,4-Trimethylpentane                        | 209.4 ppb v/v |
|            |          |           |               |                      |                |              | 2-Chlorotoluene                               | 208.8 ppb v/v |
|            |          |           |               |                      |                |              | 2-Methylbutane                                | 208.8 ppb v/v |
|            |          |           |               |                      |                |              | 3-Chloropropene                               | 213 ppb v/v   |
|            |          |           |               |                      |                |              | 4-Ethyltoluene                                | 206.6 ppb v/v |
|            |          |           |               |                      |                |              | 4-Isopropyltoluene                            | 206.2 ppb v/v |
|            |          |           |               |                      |                |              | 4-Methyl-2-pentanone (Methyl isobutyl ketone) | 204.8 ppb v/v |
|            |          |           |               |                      |                |              | Acetone                                       | 204.8 ppb v/v |
|            |          |           |               |                      |                |              | Acetonitrile                                  | 198 ppb v/v   |
|            |          |           |               |                      |                |              | Acrolein                                      | 194.4 ppb v/v |
|            |          |           |               |                      |                |              | Acrylonitrile                                 | 202.2 ppb v/v |
|            |          |           |               |                      |                |              | Alpha Methyl Styrene                          | 204 ppb v/v   |
|            |          |           |               |                      |                |              | Benzene                                       | 206.6 ppb v/v |
|            |          |           |               |                      |                |              | Benzyl chloride                               | 211.6 ppb v/v |
|            |          |           |               |                      |                |              | Bromodichloromethane                          | 211.4 ppb v/v |
|            |          |           |               |                      |                |              | Bromoethene(Vinyl Bromide)                    | 208.4 ppb v/v |
|            |          |           |               |                      |                |              | Bromoform                                     | 205.8 ppb v/v |
|            |          |           |               |                      |                |              | Bromomethane                                  | 206.2 ppb v/v |
|            |          |           |               |                      |                |              | Carbon disulfide                              | 203.2 ppb v/v |
|            |          |           |               |                      |                |              | Carbon tetrachloride                          | 203.2 ppb v/v |
|            |          |           |               |                      |                |              | Chlorobenzene                                 | 209.8 ppb v/v |
|            |          |           |               |                      |                |              | Chlorodifluoromethane                         | 209.6 ppb v/v |
|            |          |           |               |                      |                |              | Chloroethane                                  | 207.8 ppb v/v |
|            |          |           |               |                      |                |              | Chloroform                                    | 202 ppb v/v   |
|            |          |           |               |                      |                |              | Chloromethane                                 | 218.4 ppb v/v |
|            |          |           |               |                      |                |              | cis-1,2-Dichloroethene                        | 202 ppb v/v   |
|            |          |           |               |                      |                |              | cis-1,3-Dichloropropene                       | 207.8 ppb v/v |
|            |          |           |               |                      |                |              | Cumene                                        | 208.6 ppb v/v |
|            |          |           |               |                      |                |              | Cyclohexane                                   | 203 ppb v/v   |
|            |          |           |               |                      |                |              | Dibromochloromethane                          | 193.6 ppb v/v |
|            |          |           |               |                      |                |              | Dibromomethane                                | 206 ppb v/v   |
|            |          |           |               |                      |                |              | Dichlorodifluoromethane                       | 208.8 ppb v/v |
|            |          |           |               |                      |                |              | Dodecane                                      | 187.2 ppb v/v |
|            |          |           |               |                      |                |              | Ethyl acetate                                 | 202.6 ppb v/v |
|            |          |           |               |                      |                |              | Ethyl ether                                   | 201.6 ppb v/v |
|            |          |           |               |                      |                |              | Ethylbenzene                                  | 204.4 ppb v/v |
|            |          |           |               |                      |                |              | Hexachlorobutadiene                           | 205.2 ppb v/v |
|            |          |           |               |                      |                |              | Isopropyl alcohol                             | 204.4 ppb v/v |
|            |          |           |               |                      |                |              | m,p-Xylene                                    | 411.2 ppb v/v |
|            |          |           |               |                      |                |              | Methyl Butyl Ketone (2-Hexanone)              | 199.8 ppb v/v |
|            |          |           |               |                      |                |              | Methyl Ethyl Ketone (2-Butanone)              | 206.8 ppb v/v |



## REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-56451-1

SDG No.: 200-56451-1

| Reagent ID         | Exp Date      | Prep Date | Dilutant Used        | Reagent Final Volume | Parent Reagent      |              | Analyte                        | Concentration |
|--------------------|---------------|-----------|----------------------|----------------------|---------------------|--------------|--------------------------------|---------------|
|                    |               |           |                      |                      | Reagent ID          | Volume Added |                                |               |
|                    |               |           |                      |                      |                     |              | Methyl methacrylate            | 203.2 ppb v/v |
|                    |               |           |                      |                      |                     |              | Methyl tert-butyl ether        | 209 ppb v/v   |
|                    |               |           |                      |                      |                     |              | Methylene Chloride             | 205.6 ppb v/v |
|                    |               |           |                      |                      |                     |              | n-Butane                       | 207.2 ppb v/v |
|                    |               |           |                      |                      |                     |              | n-Butanol                      | 191 ppb v/v   |
|                    |               |           |                      |                      |                     |              | n-Butylbenzene                 | 207.8 ppb v/v |
|                    |               |           |                      |                      |                     |              | n-Decane                       | 208.4 ppb v/v |
|                    |               |           |                      |                      |                     |              | n-Heptane                      | 210.2 ppb v/v |
|                    |               |           |                      |                      |                     |              | n-Hexane                       | 211.8 ppb v/v |
|                    |               |           |                      |                      |                     |              | n-Nonane                       | 209.6 ppb v/v |
|                    |               |           |                      |                      |                     |              | n-Octane                       | 206.6 ppb v/v |
|                    |               |           |                      |                      |                     |              | n-Propylbenzene                | 208 ppb v/v   |
|                    |               |           |                      |                      |                     |              | Naphthalene                    | 194.4 ppb v/v |
|                    |               |           |                      |                      |                     |              | o-Xylene                       | 207.2 ppb v/v |
|                    |               |           |                      |                      |                     |              | Pentane                        | 202.6 ppb v/v |
|                    |               |           |                      |                      |                     |              | Propene                        | 206.4 ppb v/v |
|                    |               |           |                      |                      |                     |              | sec-Butylbenzene               | 209.2 ppb v/v |
|                    |               |           |                      |                      |                     |              | Styrene                        | 206.4 ppb v/v |
|                    |               |           |                      |                      |                     |              | tert-Butyl alcohol             | 215.6 ppb v/v |
|                    |               |           |                      |                      |                     |              | tert-Butylbenzene              | 207.2 ppb v/v |
|                    |               |           |                      |                      |                     |              | Tetrachloroethene              | 210 ppb v/v   |
|                    |               |           |                      |                      |                     |              | Tetrahydrofuran                | 199.8 ppb v/v |
|                    |               |           |                      |                      |                     |              | Toluene                        | 203.2 ppb v/v |
|                    |               |           |                      |                      |                     |              | trans-1,2-Dichloroethene       | 204 ppb v/v   |
|                    |               |           |                      |                      |                     |              | trans-1,3-Dichloropropene      | 197.6 ppb v/v |
|                    |               |           |                      |                      |                     |              | Trichloroethene                | 210.6 ppb v/v |
|                    |               |           |                      |                      |                     |              | Trichlorofluoromethane         | 211.2 ppb v/v |
|                    |               |           |                      |                      |                     |              | Undecane                       | 209.2 ppb v/v |
| Vinyl acetate      | 207.8 ppb v/v |           |                      |                      |                     |              |                                |               |
| Vinyl chloride     | 207.8 ppb v/v |           |                      |                      |                     |              |                                |               |
| ..ATTO15CALs_00042 | 12/13/21      |           | Linde, Lot CC-237336 |                      | (Purchased Reagent) |              | 1,1,1-Trichloroethane          | 1.019 ppm v/v |
|                    |               |           |                      |                      |                     |              | 1,1,2,2-Tetrachloroethane      | 1.034 ppm v/v |
|                    |               |           |                      |                      |                     |              | 1,1,2-Trichloroethane          | 1.048 ppm v/v |
|                    |               |           |                      |                      |                     |              | 1,1,2-Trichlorotrifluoroethane | 1.049 ppm v/v |
|                    |               |           |                      |                      |                     |              | 1,1-Dichloroethane             | 1 ppm v/v     |
|                    |               |           |                      |                      |                     |              | 1,1-Dichloroethene             | 1.028 ppm v/v |
|                    |               |           |                      |                      |                     |              | 1,2,3-Trichlorobenzene         | 0.912 ppm v/v |
|                    |               |           |                      |                      |                     |              | 1,2,3-Trichloropropane         | 1.059 ppm v/v |
|                    |               |           |                      |                      |                     |              | 1,2,4-Trichlorobenzene         | 1.086 ppm v/v |
|                    |               |           |                      |                      |                     |              | 1,2,4-Trimethylbenzene         | 1.04 ppm v/v  |
|                    |               |           |                      |                      |                     |              | 1,2-Dibromoethane              | 1.061 ppm v/v |
|                    |               |           |                      |                      |                     |              | 1,2-Dichlorobenzene            | 1.044 ppm v/v |
|                    |               |           |                      |                      |                     |              | 1,2-Dichloroethane             | 1.036 ppm v/v |
|                    |               |           |                      |                      |                     |              | 1,2-Dichloropropane            | 1.031 ppm v/v |
|                    |               |           |                      |                      |                     |              | 1,2-Dichlorotetrafluoroethane  | 1.041 ppm v/v |
|                    |               |           |                      |                      |                     |              | 1,3,5-Trimethylbenzene         | 1.039 ppm v/v |
|                    |               |           |                      |                      |                     |              | 1,3-Butadiene                  | 1.012 ppm v/v |
|                    |               |           |                      |                      |                     |              | 1,3-Dichlorobenzene            | 1.058 ppm v/v |

## REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-56451-1

SDG No.: 200-56451-1

| Reagent ID | Exp Date | Prep Date | Dilutant Used | Reagent Final Volume | Parent Reagent |              | Analyte                                       | Concentration |
|------------|----------|-----------|---------------|----------------------|----------------|--------------|-----------------------------------------------|---------------|
|            |          |           |               |                      | Reagent ID     | Volume Added |                                               |               |
|            |          |           |               |                      |                |              | 1,4-Dichlorobenzene                           | 1.047 ppm v/v |
|            |          |           |               |                      |                |              | 1,4-Dioxane                                   | 1.058 ppm v/v |
|            |          |           |               |                      |                |              | 2,2,4-Trimethylpentane                        | 1.047 ppm v/v |
|            |          |           |               |                      |                |              | 2-Chlorotoluene                               | 1.044 ppm v/v |
|            |          |           |               |                      |                |              | 2-Methylbutane                                | 1.044 ppm v/v |
|            |          |           |               |                      |                |              | 3-Chloropropene                               | 1.065 ppm v/v |
|            |          |           |               |                      |                |              | 4-Ethyltoluene                                | 1.033 ppm v/v |
|            |          |           |               |                      |                |              | 4-Isopropyltoluene                            | 1.031 ppm v/v |
|            |          |           |               |                      |                |              | 4-Methyl-2-pentanone (Methyl isobutyl ketone) | 1.024 ppm v/v |
|            |          |           |               |                      |                |              | Acetone                                       | 1.024 ppm v/v |
|            |          |           |               |                      |                |              | Acetonitrile                                  | 0.99 ppm v/v  |
|            |          |           |               |                      |                |              | Acrolein                                      | 0.972 ppm v/v |
|            |          |           |               |                      |                |              | Acrylonitrile                                 | 1.011 ppm v/v |
|            |          |           |               |                      |                |              | Alpha Methyl Styrene                          | 1.02 ppm v/v  |
|            |          |           |               |                      |                |              | Benzene                                       | 1.033 ppm v/v |
|            |          |           |               |                      |                |              | Benzyl chloride                               | 1.058 ppm v/v |
|            |          |           |               |                      |                |              | Bromodichloromethane                          | 1.057 ppm v/v |
|            |          |           |               |                      |                |              | Bromoethene (Vinyl Bromide)                   | 1.042 ppm v/v |
|            |          |           |               |                      |                |              | Bromoform                                     | 1.029 ppm v/v |
|            |          |           |               |                      |                |              | Bromomethane                                  | 1.031 ppm v/v |
|            |          |           |               |                      |                |              | Carbon disulfide                              | 1.016 ppm v/v |
|            |          |           |               |                      |                |              | Carbon tetrachloride                          | 1.016 ppm v/v |
|            |          |           |               |                      |                |              | Chlorobenzene                                 | 1.049 ppm v/v |
|            |          |           |               |                      |                |              | Chlorodifluoromethane                         | 1.048 ppm v/v |
|            |          |           |               |                      |                |              | Chloroethane                                  | 1.039 ppm v/v |
|            |          |           |               |                      |                |              | Chloroform                                    | 1.01 ppm v/v  |
|            |          |           |               |                      |                |              | Chloromethane                                 | 1.092 ppm v/v |
|            |          |           |               |                      |                |              | cis-1,2-Dichloroethene                        | 1.01 ppm v/v  |
|            |          |           |               |                      |                |              | cis-1,3-Dichloropropene                       | 1.039 ppm v/v |
|            |          |           |               |                      |                |              | Cumene                                        | 1.043 ppm v/v |
|            |          |           |               |                      |                |              | Cyclohexane                                   | 1.015 ppm v/v |
|            |          |           |               |                      |                |              | Dibromochloromethane                          | 0.968 ppm v/v |
|            |          |           |               |                      |                |              | Dibromomethane                                | 1.03 ppm v/v  |
|            |          |           |               |                      |                |              | Dichlorodifluoromethane                       | 1.044 ppm v/v |
|            |          |           |               |                      |                |              | Dodecane                                      | 0.936 ppm v/v |
|            |          |           |               |                      |                |              | Ethyl acetate                                 | 1.013 ppm v/v |
|            |          |           |               |                      |                |              | Ethyl ether                                   | 1.008 ppm v/v |
|            |          |           |               |                      |                |              | Ethylbenzene                                  | 1.022 ppm v/v |
|            |          |           |               |                      |                |              | Hexachlorobutadiene                           | 1.026 ppm v/v |
|            |          |           |               |                      |                |              | Isopropyl alcohol                             | 1.022 ppm v/v |
|            |          |           |               |                      |                |              | m,p-Xylene                                    | 2.056 ppm v/v |
|            |          |           |               |                      |                |              | Methyl Butyl Ketone (2-Hexanone)              | 0.999 ppm v/v |
|            |          |           |               |                      |                |              | Methyl Ethyl Ketone (2-Butanone)              | 1.034 ppm v/v |
|            |          |           |               |                      |                |              | Methyl methacrylate                           | 1.016 ppm v/v |
|            |          |           |               |                      |                |              | Methyl tert-butyl ether                       | 1.045 ppm v/v |

## REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-56451-1

SDG No.: 200-56451-1

| Reagent ID            | Exp Date | Prep Date | Dilutant Used             | Reagent Final Volume | Parent Reagent      |              | Analyte                        | Concentration   |
|-----------------------|----------|-----------|---------------------------|----------------------|---------------------|--------------|--------------------------------|-----------------|
|                       |          |           |                           |                      | Reagent ID          | Volume Added |                                |                 |
|                       |          |           |                           |                      |                     |              | Methylene Chloride             | 1.028 ppm v/v   |
|                       |          |           |                           |                      |                     |              | n-Butane                       | 1.036 ppm v/v   |
|                       |          |           |                           |                      |                     |              | n-Butanol                      | 0.955 ppm v/v   |
|                       |          |           |                           |                      |                     |              | n-Butylbenzene                 | 1.039 ppm v/v   |
|                       |          |           |                           |                      |                     |              | n-Decane                       | 1.042 ppm v/v   |
|                       |          |           |                           |                      |                     |              | n-Heptane                      | 1.051 ppm v/v   |
|                       |          |           |                           |                      |                     |              | n-Hexane                       | 1.059 ppm v/v   |
|                       |          |           |                           |                      |                     |              | n-Nonane                       | 1.048 ppm v/v   |
|                       |          |           |                           |                      |                     |              | n-Octane                       | 1.033 ppm v/v   |
|                       |          |           |                           |                      |                     |              | n-Propylbenzene                | 1.04 ppm v/v    |
|                       |          |           |                           |                      |                     |              | Naphthalene                    | 0.972 ppm v/v   |
|                       |          |           |                           |                      |                     |              | o-Xylene                       | 1.036 ppm v/v   |
|                       |          |           |                           |                      |                     |              | Pentane                        | 1.013 ppm v/v   |
|                       |          |           |                           |                      |                     |              | Propene                        | 1.032 ppm v/v   |
|                       |          |           |                           |                      |                     |              | sec-Butylbenzene               | 1.046 ppm v/v   |
|                       |          |           |                           |                      |                     |              | Styrene                        | 1.032 ppm v/v   |
|                       |          |           |                           |                      |                     |              | tert-Butyl alcohol             | 1.078 ppm v/v   |
|                       |          |           |                           |                      |                     |              | tert-Butylbenzene              | 1.036 ppm v/v   |
|                       |          |           |                           |                      |                     |              | Tetrachloroethene              | 1.05 ppm v/v    |
|                       |          |           |                           |                      |                     |              | Tetrahydrofuran                | 0.999 ppm v/v   |
|                       |          |           |                           |                      |                     |              | Toluene                        | 1.016 ppm v/v   |
|                       |          |           |                           |                      |                     |              | trans-1,2-Dichloroethene       | 1.02 ppm v/v    |
|                       |          |           |                           |                      |                     |              | trans-1,3-Dichloropropene      | 0.988 ppm v/v   |
|                       |          |           |                           |                      |                     |              | Trichloroethene                | 1.053 ppm v/v   |
|                       |          |           |                           |                      |                     |              | Trichlorofluoromethane         | 1.056 ppm v/v   |
|                       |          |           |                           |                      |                     |              | Undecane                       | 1.046 ppm v/v   |
|                       |          |           |                           |                      |                     |              | Vinyl acetate                  | 1.039 ppm v/v   |
|                       |          |           |                           |                      |                     |              | Vinyl chloride                 | 1.039 ppm v/v   |
| .ATTO15EthCALw_00123  | 03/14/21 | 12/14/20  | Nitrogen, Lot 12          | 37.5 ppb             | ATTO15EthCALs_00009 | 18.75 uL     | Ethanol                        | 500 ppb v/v     |
| ..ATTO15EthCALs_00009 | 09/05/21 |           | Chem Service, Lot 5301900 |                      | (Purchased Reagent) |              | Ethanol                        | 1 mL/mL         |
| ATTO15CAL7w_00100     | 12/13/20 | 10/19/20  | Nitrogen, Lot 12          | 15.463 L             | ATTO15CALSTKi_00134 | 3092 mL      | 1,1,1-Trichloroethane          | 40.7521 ppb v/v |
|                       |          |           |                           |                      |                     |              | 1,1,2,2-Tetrachloroethane      | 41.352 ppb v/v  |
|                       |          |           |                           |                      |                     |              | 1,1,2-Trichloroethane          | 41.9119 ppb v/v |
|                       |          |           |                           |                      |                     |              | 1,1,2-Trichlorotrifluoroethane | 41.9519 ppb v/v |
|                       |          |           |                           |                      |                     |              | 1,1-Dichloroethane             | 39.9922 ppb v/v |
|                       |          |           |                           |                      |                     |              | 1,1-Dichloroethene             | 41.112 ppb v/v  |
|                       |          |           |                           |                      |                     |              | 1,2,3-Trichlorobenzene         | 36.4729 ppb v/v |
|                       |          |           |                           |                      |                     |              | 1,2,3-Trichloropropane         | 42.3518 ppb v/v |
|                       |          |           |                           |                      |                     |              | 1,2,4-Trichlorobenzene         | 43.4316 ppb v/v |

# REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-56451-1

SDG No.: 200-56451-1

| Reagent ID | Exp Date | Prep Date | Dilutant Used | Reagent Final Volume | Parent Reagent |              | Analyte                                       | Concentration   |
|------------|----------|-----------|---------------|----------------------|----------------|--------------|-----------------------------------------------|-----------------|
|            |          |           |               |                      | Reagent ID     | Volume Added |                                               |                 |
|            |          |           |               |                      |                |              | 1,2,4-Trimethylbenzene                        | 41.5919 ppb v/v |
|            |          |           |               |                      |                |              | 1,2-Dibromoethane                             | 42.4318 ppb v/v |
|            |          |           |               |                      |                |              | 1,2-Dichlorobenzene                           | 41.7519 ppb v/v |
|            |          |           |               |                      |                |              | 1,2-Dichloroethane                            | 41.432 ppb v/v  |
|            |          |           |               |                      |                |              | 1,2-Dichloropropane                           | 41.232 ppb v/v  |
|            |          |           |               |                      |                |              | 1,2-Dichlorotetrafluoroethane                 | 41.6319 ppb v/v |
|            |          |           |               |                      |                |              | 1,3,5-Trimethylbenzene                        | 41.5519 ppb v/v |
|            |          |           |               |                      |                |              | 1,3-Butadiene                                 | 40.4721 ppb v/v |
|            |          |           |               |                      |                |              | 1,3-Dichlorobenzene                           | 42.3118 ppb v/v |
|            |          |           |               |                      |                |              | 1,4-Dichlorobenzene                           | 41.8719 ppb v/v |
|            |          |           |               |                      |                |              | 1,4-Dioxane                                   | 42.3118 ppb v/v |
|            |          |           |               |                      |                |              | 2,2,4-Trimethylpentane                        | 41.8719 ppb v/v |
|            |          |           |               |                      |                |              | 2-Chlorotoluene                               | 41.7519 ppb v/v |
|            |          |           |               |                      |                |              | 2-Methylbutane                                | 41.7519 ppb v/v |
|            |          |           |               |                      |                |              | 3-Chloropropene                               | 42.5917 ppb v/v |
|            |          |           |               |                      |                |              | 4-Ethyltoluene                                | 41.312 ppb v/v  |
|            |          |           |               |                      |                |              | 4-Isopropyltoluene                            | 41.232 ppb v/v  |
|            |          |           |               |                      |                |              | 4-Methyl-2-pentanone (Methyl isobutyl ketone) | 40.9521 ppb v/v |
|            |          |           |               |                      |                |              | Acetone                                       | 40.9521 ppb v/v |
|            |          |           |               |                      |                |              | Acetonitrile                                  | 39.5923 ppb v/v |
|            |          |           |               |                      |                |              | Acrolein                                      | 38.8725 ppb v/v |
|            |          |           |               |                      |                |              | Acrylonitrile                                 | 40.4322 ppb v/v |
|            |          |           |               |                      |                |              | Alpha Methyl Styrene                          | 40.7921 ppb v/v |
|            |          |           |               |                      |                |              | Benzene                                       | 41.312 ppb v/v  |
|            |          |           |               |                      |                |              | Benzyl chloride                               | 42.3118 ppb v/v |

# REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-56451-1

SDG No.: 200-56451-1

| Reagent ID | Exp Date | Prep Date | Dilutant Used | Reagent Final Volume | Parent Reagent |              | Analyte                     | Concentration   |
|------------|----------|-----------|---------------|----------------------|----------------|--------------|-----------------------------|-----------------|
|            |          |           |               |                      | Reagent ID     | Volume Added |                             |                 |
|            |          |           |               |                      |                |              | Bromodichloromethane        | 42.2718 ppb v/v |
|            |          |           |               |                      |                |              | Bromoethene (Vinyl Bromide) | 41.6719 ppb v/v |
|            |          |           |               |                      |                |              | Bromoform                   | 41.152 ppb v/v  |
|            |          |           |               |                      |                |              | Bromomethane                | 41.232 ppb v/v  |
|            |          |           |               |                      |                |              | Carbon disulfide            | 40.6321 ppb v/v |
|            |          |           |               |                      |                |              | Carbon tetrachloride        | 40.6321 ppb v/v |
|            |          |           |               |                      |                |              | Chlorobenzene               | 41.9519 ppb v/v |
|            |          |           |               |                      |                |              | Chlorodifluoromethane       | 41.9119 ppb v/v |
|            |          |           |               |                      |                |              | Chloroethane                | 41.5519 ppb v/v |
|            |          |           |               |                      |                |              | Chloroform                  | 40.3922 ppb v/v |
|            |          |           |               |                      |                |              | Chloromethane               | 43.6715 ppb v/v |
|            |          |           |               |                      |                |              | cis-1,2-Dichloroethene      | 40.3922 ppb v/v |
|            |          |           |               |                      |                |              | cis-1,3-Dichloropropene     | 41.5519 ppb v/v |
|            |          |           |               |                      |                |              | Cumene                      | 41.7119 ppb v/v |
|            |          |           |               |                      |                |              | Cyclohexane                 | 40.5921 ppb v/v |
|            |          |           |               |                      |                |              | Dibromochloromethane        | 38.7125 ppb v/v |
|            |          |           |               |                      |                |              | Dibromomethane              | 41.192 ppb v/v  |
|            |          |           |               |                      |                |              | Dichlorodifluoromethane     | 41.7519 ppb v/v |
|            |          |           |               |                      |                |              | Dodecane                    | 37.4327 ppb v/v |
|            |          |           |               |                      |                |              | Ethyl acetate               | 40.5121 ppb v/v |
|            |          |           |               |                      |                |              | Ethyl ether                 | 40.3122 ppb v/v |
|            |          |           |               |                      |                |              | Ethylbenzene                | 40.8721 ppb v/v |
|            |          |           |               |                      |                |              | Hexachlorobutadiene         | 41.032 ppb v/v  |
|            |          |           |               |                      |                |              | Isopropyl alcohol           | 40.8721 ppb v/v |
|            |          |           |               |                      |                |              | m,p-Xylene                  | 82.224 ppb v/v  |

# REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-56451-1

SDG No.: 200-56451-1

| Reagent ID | Exp Date | Prep Date | Dilutant Used | Reagent Final Volume | Parent Reagent |              | Analyte                          | Concentration   |
|------------|----------|-----------|---------------|----------------------|----------------|--------------|----------------------------------|-----------------|
|            |          |           |               |                      | Reagent ID     | Volume Added |                                  |                 |
|            |          |           |               |                      |                |              | Methyl Butyl Ketone (2-Hexanone) | 39.9522 ppb v/v |
|            |          |           |               |                      |                |              | Methyl Ethyl Ketone (2-Butanone) | 41.352 ppb v/v  |
|            |          |           |               |                      |                |              | Methyl methacrylate              | 40.6321 ppb v/v |
|            |          |           |               |                      |                |              | Methyl tert-butyl ether          | 41.7919 ppb v/v |
|            |          |           |               |                      |                |              | Methylene Chloride               | 41.112 ppb v/v  |
|            |          |           |               |                      |                |              | n-Butane                         | 41.432 ppb v/v  |
|            |          |           |               |                      |                |              | n-Butanol                        | 38.1926 ppb v/v |
|            |          |           |               |                      |                |              | n-Butylbenzene                   | 41.5519 ppb v/v |
|            |          |           |               |                      |                |              | n-Decane                         | 41.6719 ppb v/v |
|            |          |           |               |                      |                |              | n-Heptane                        | 42.0318 ppb v/v |
|            |          |           |               |                      |                |              | n-Hexane                         | 42.3518 ppb v/v |
|            |          |           |               |                      |                |              | n-Nonane                         | 41.9119 ppb v/v |
|            |          |           |               |                      |                |              | n-Octane                         | 41.312 ppb v/v  |
|            |          |           |               |                      |                |              | n-Propylbenzene                  | 41.5919 ppb v/v |
|            |          |           |               |                      |                |              | Naphthalene                      | 38.8725 ppb v/v |
|            |          |           |               |                      |                |              | o-Xylene                         | 41.432 ppb v/v  |
|            |          |           |               |                      |                |              | Pentane                          | 40.5121 ppb v/v |
|            |          |           |               |                      |                |              | Propene                          | 41.272 ppb v/v  |
|            |          |           |               |                      |                |              | sec-Butylbenzene                 | 41.8319 ppb v/v |
|            |          |           |               |                      |                |              | Styrene                          | 41.272 ppb v/v  |
|            |          |           |               |                      |                |              | tert-Butyl alcohol               | 43.1116 ppb v/v |
|            |          |           |               |                      |                |              | tert-Butylbenzene                | 41.432 ppb v/v  |
|            |          |           |               |                      |                |              | Tetrachloroethene                | 41.9919 ppb v/v |
|            |          |           |               |                      |                |              | Tetrahydrofuran                  | 39.9522 ppb v/v |
|            |          |           |               |                      |                |              | Toluene                          | 40.6321 ppb v/v |

## REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-56451-1

SDG No.: 200-56451-1

| Reagent ID           | Exp Date | Prep Date | Dilutant Used    | Reagent Final Volume | Parent Reagent      |              | Analyte                                       | Concentration   |
|----------------------|----------|-----------|------------------|----------------------|---------------------|--------------|-----------------------------------------------|-----------------|
|                      |          |           |                  |                      | Reagent ID          | Volume Added |                                               |                 |
|                      |          |           |                  |                      |                     |              | trans-1,2-Dichloroethene                      | 40.7921 ppb v/v |
|                      |          |           |                  |                      |                     |              | trans-1,3-Dichloropropene                     | 39.5123 ppb v/v |
|                      |          |           |                  |                      |                     |              | Trichloroethene                               | 42.1118 ppb v/v |
|                      |          |           |                  |                      |                     |              | Trichlorofluoromethane                        | 42.2318 ppb v/v |
|                      |          |           |                  |                      |                     |              | Undecane                                      | 41.8319 ppb v/v |
|                      |          |           |                  |                      |                     |              | Vinyl acetate                                 | 41.5519 ppb v/v |
|                      |          |           |                  |                      |                     |              | Vinyl chloride                                | 41.5519 ppb v/v |
|                      |          |           |                  |                      | ATTO15EthCALw_00121 | 3092 mL      | Ethanol                                       | 99.9806 ppb v/v |
| .ATTO15CALSTKi_00134 | 12/13/20 | 10/16/20  | Nitrogen, Lot 13 | 15 L                 | ATTO15CALs_00039    | 3000 mL      | 1,1,1-Trichloroethane                         | 203.8 ppb v/v   |
|                      |          |           |                  |                      |                     |              | 1,1,2,2-Tetrachloroethane                     | 206.8 ppb v/v   |
|                      |          |           |                  |                      |                     |              | 1,1,2-Trichloroethane                         | 209.6 ppb v/v   |
|                      |          |           |                  |                      |                     |              | 1,1,2-Trichlorotrifluoroethane                | 209.8 ppb v/v   |
|                      |          |           |                  |                      |                     |              | 1,1-Dichloroethane                            | 200 ppb v/v     |
|                      |          |           |                  |                      |                     |              | 1,1-Dichloroethene                            | 205.6 ppb v/v   |
|                      |          |           |                  |                      |                     |              | 1,2,3-Trichlorobenzene                        | 182.4 ppb v/v   |
|                      |          |           |                  |                      |                     |              | 1,2,3-Trichloropropane                        | 211.8 ppb v/v   |
|                      |          |           |                  |                      |                     |              | 1,2,4-Trichlorobenzene                        | 217.2 ppb v/v   |
|                      |          |           |                  |                      |                     |              | 1,2,4-Trimethylbenzene                        | 208 ppb v/v     |
|                      |          |           |                  |                      |                     |              | 1,2-Dibromoethane                             | 212.2 ppb v/v   |
|                      |          |           |                  |                      |                     |              | 1,2-Dichlorobenzene                           | 208.8 ppb v/v   |
|                      |          |           |                  |                      |                     |              | 1,2-Dichloroethane                            | 207.2 ppb v/v   |
|                      |          |           |                  |                      |                     |              | 1,2-Dichloropropane                           | 206.2 ppb v/v   |
|                      |          |           |                  |                      |                     |              | 1,2-Dichlorotetrafluoroethane                 | 208.2 ppb v/v   |
|                      |          |           |                  |                      |                     |              | 1,3,5-Trimethylbenzene                        | 207.8 ppb v/v   |
|                      |          |           |                  |                      |                     |              | 1,3-Butadiene                                 | 202.4 ppb v/v   |
|                      |          |           |                  |                      |                     |              | 1,3-Dichlorobenzene                           | 211.6 ppb v/v   |
|                      |          |           |                  |                      |                     |              | 1,4-Dichlorobenzene                           | 209.4 ppb v/v   |
|                      |          |           |                  |                      |                     |              | 1,4-Dioxane                                   | 211.6 ppb v/v   |
|                      |          |           |                  |                      |                     |              | 2,2,4-Trimethylpentane                        | 209.4 ppb v/v   |
|                      |          |           |                  |                      |                     |              | 2-Chlorotoluene                               | 208.8 ppb v/v   |
|                      |          |           |                  |                      |                     |              | 2-Methylbutane                                | 208.8 ppb v/v   |
|                      |          |           |                  |                      |                     |              | 3-Chloropropene                               | 213 ppb v/v     |
|                      |          |           |                  |                      |                     |              | 4-Ethyltoluene                                | 206.6 ppb v/v   |
|                      |          |           |                  |                      |                     |              | 4-Isopropyltoluene                            | 206.2 ppb v/v   |
|                      |          |           |                  |                      |                     |              | 4-Methyl-2-pentanone (Methyl isobutyl ketone) | 204.8 ppb v/v   |
|                      |          |           |                  |                      |                     |              | Acetone                                       | 204.8 ppb v/v   |
|                      |          |           |                  |                      |                     |              | Acetonitrile                                  | 198 ppb v/v     |
|                      |          |           |                  |                      |                     |              | Acrolein                                      | 194.4 ppb v/v   |
|                      |          |           |                  |                      |                     |              | Acrylonitrile                                 | 202.2 ppb v/v   |
|                      |          |           |                  |                      |                     |              | Alpha Methyl Styrene                          | 204 ppb v/v     |

# REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-56451-1

SDG No.: 200-56451-1

| Reagent ID | Exp Date | Prep Date | Dilutant Used | Reagent Final Volume | Parent Reagent |              | Analyte                          | Concentration |
|------------|----------|-----------|---------------|----------------------|----------------|--------------|----------------------------------|---------------|
|            |          |           |               |                      | Reagent ID     | Volume Added |                                  |               |
|            |          |           |               |                      |                |              | Benzene                          | 206.6 ppb v/v |
|            |          |           |               |                      |                |              | Benzyl chloride                  | 211.6 ppb v/v |
|            |          |           |               |                      |                |              | Bromodichloromethane             | 211.4 ppb v/v |
|            |          |           |               |                      |                |              | Bromoethene (Vinyl Bromide)      | 208.4 ppb v/v |
|            |          |           |               |                      |                |              | Bromoform                        | 205.8 ppb v/v |
|            |          |           |               |                      |                |              | Bromomethane                     | 206.2 ppb v/v |
|            |          |           |               |                      |                |              | Carbon disulfide                 | 203.2 ppb v/v |
|            |          |           |               |                      |                |              | Carbon tetrachloride             | 203.2 ppb v/v |
|            |          |           |               |                      |                |              | Chlorobenzene                    | 209.8 ppb v/v |
|            |          |           |               |                      |                |              | Chlorodifluoromethane            | 209.6 ppb v/v |
|            |          |           |               |                      |                |              | Chloroethane                     | 207.8 ppb v/v |
|            |          |           |               |                      |                |              | Chloroform                       | 202 ppb v/v   |
|            |          |           |               |                      |                |              | Chloromethane                    | 218.4 ppb v/v |
|            |          |           |               |                      |                |              | cis-1,2-Dichloroethene           | 202 ppb v/v   |
|            |          |           |               |                      |                |              | cis-1,3-Dichloropropene          | 207.8 ppb v/v |
|            |          |           |               |                      |                |              | Cumene                           | 208.6 ppb v/v |
|            |          |           |               |                      |                |              | Cyclohexane                      | 203 ppb v/v   |
|            |          |           |               |                      |                |              | Dibromochloromethane             | 193.6 ppb v/v |
|            |          |           |               |                      |                |              | Dibromomethane                   | 206 ppb v/v   |
|            |          |           |               |                      |                |              | Dichlorodifluoromethane          | 208.8 ppb v/v |
|            |          |           |               |                      |                |              | Dodecane                         | 187.2 ppb v/v |
|            |          |           |               |                      |                |              | Ethyl acetate                    | 202.6 ppb v/v |
|            |          |           |               |                      |                |              | Ethyl ether                      | 201.6 ppb v/v |
|            |          |           |               |                      |                |              | Ethylbenzene                     | 204.4 ppb v/v |
|            |          |           |               |                      |                |              | Hexachlorobutadiene              | 205.2 ppb v/v |
|            |          |           |               |                      |                |              | Isopropyl alcohol                | 204.4 ppb v/v |
|            |          |           |               |                      |                |              | m,p-Xylene                       | 411.2 ppb v/v |
|            |          |           |               |                      |                |              | Methyl Butyl Ketone (2-Hexanone) | 199.8 ppb v/v |
|            |          |           |               |                      |                |              | Methyl Ethyl Ketone (2-Butanone) | 206.8 ppb v/v |
|            |          |           |               |                      |                |              | Methyl methacrylate              | 203.2 ppb v/v |
|            |          |           |               |                      |                |              | Methyl tert-butyl ether          | 209 ppb v/v   |
|            |          |           |               |                      |                |              | Methylene Chloride               | 205.6 ppb v/v |
|            |          |           |               |                      |                |              | n-Butane                         | 207.2 ppb v/v |
|            |          |           |               |                      |                |              | n-Butanol                        | 191 ppb v/v   |
|            |          |           |               |                      |                |              | n-Butylbenzene                   | 207.8 ppb v/v |
|            |          |           |               |                      |                |              | n-Decane                         | 208.4 ppb v/v |
|            |          |           |               |                      |                |              | n-Heptane                        | 210.2 ppb v/v |
|            |          |           |               |                      |                |              | n-Hexane                         | 211.8 ppb v/v |
|            |          |           |               |                      |                |              | n-Nonane                         | 209.6 ppb v/v |
|            |          |           |               |                      |                |              | n-Octane                         | 206.6 ppb v/v |
|            |          |           |               |                      |                |              | n-Propylbenzene                  | 208 ppb v/v   |
|            |          |           |               |                      |                |              | Naphthalene                      | 194.4 ppb v/v |
|            |          |           |               |                      |                |              | o-Xylene                         | 207.2 ppb v/v |
|            |          |           |               |                      |                |              | Pentane                          | 202.6 ppb v/v |
|            |          |           |               |                      |                |              | Propene                          | 206.4 ppb v/v |
|            |          |           |               |                      |                |              | sec-Butylbenzene                 | 209.2 ppb v/v |



REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-56451-1

SDG No.: 200-56451-1

| Reagent ID         | Exp Date | Prep Date | Dilutant Used        | Reagent Final Volume | Parent Reagent      |              | Analyte                                       | Concentration |
|--------------------|----------|-----------|----------------------|----------------------|---------------------|--------------|-----------------------------------------------|---------------|
|                    |          |           |                      |                      | Reagent ID          | Volume Added |                                               |               |
|                    |          |           |                      |                      |                     |              | Styrene                                       | 206.4 ppb v/v |
|                    |          |           |                      |                      |                     |              | tert-Butyl alcohol                            | 215.6 ppb v/v |
|                    |          |           |                      |                      |                     |              | tert-Butylbenzene                             | 207.2 ppb v/v |
|                    |          |           |                      |                      |                     |              | Tetrachloroethene                             | 210 ppb v/v   |
|                    |          |           |                      |                      |                     |              | Tetrahydrofuran                               | 199.8 ppb v/v |
|                    |          |           |                      |                      |                     |              | Toluene                                       | 203.2 ppb v/v |
|                    |          |           |                      |                      |                     |              | trans-1,2-Dichloroethene                      | 204 ppb v/v   |
|                    |          |           |                      |                      |                     |              | trans-1,3-Dichloropropene                     | 197.6 ppb v/v |
|                    |          |           |                      |                      |                     |              | Trichloroethene                               | 210.6 ppb v/v |
|                    |          |           |                      |                      |                     |              | Trichlorofluoromethane                        | 211.2 ppb v/v |
|                    |          |           |                      |                      |                     |              | Undecane                                      | 209.2 ppb v/v |
|                    |          |           |                      |                      |                     |              | Vinyl acetate                                 | 207.8 ppb v/v |
|                    |          |           |                      |                      |                     |              | Vinyl chloride                                | 207.8 ppb v/v |
| ..ATTO15CALs_00039 | 12/13/20 |           | Linde, Lot CC-237336 |                      | (Purchased Reagent) |              | 1,1,1-Trichloroethane                         | 1.019 ppm v/v |
|                    |          |           |                      |                      |                     |              | 1,1,2,2-Tetrachloroethane                     | 1.034 ppm v/v |
|                    |          |           |                      |                      |                     |              | 1,1,2-Trichloroethane                         | 1.048 ppm v/v |
|                    |          |           |                      |                      |                     |              | 1,1,2-Trichlorotrifluoroethane                | 1.049 ppm v/v |
|                    |          |           |                      |                      |                     |              | 1,1-Dichloroethane                            | 1 ppm v/v     |
|                    |          |           |                      |                      |                     |              | 1,1-Dichloroethene                            | 1.028 ppm v/v |
|                    |          |           |                      |                      |                     |              | 1,2,3-Trichlorobenzene                        | 0.912 ppm v/v |
|                    |          |           |                      |                      |                     |              | 1,2,3-Trichloropropane                        | 1.059 ppm v/v |
|                    |          |           |                      |                      |                     |              | 1,2,4-Trichlorobenzene                        | 1.086 ppm v/v |
|                    |          |           |                      |                      |                     |              | 1,2,4-Trimethylbenzene                        | 1.04 ppm v/v  |
|                    |          |           |                      |                      |                     |              | 1,2-Dibromoethane                             | 1.061 ppm v/v |
|                    |          |           |                      |                      |                     |              | 1,2-Dichlorobenzene                           | 1.044 ppm v/v |
|                    |          |           |                      |                      |                     |              | 1,2-Dichloroethane                            | 1.036 ppm v/v |
|                    |          |           |                      |                      |                     |              | 1,2-Dichloropropane                           | 1.031 ppm v/v |
|                    |          |           |                      |                      |                     |              | 1,2-Dichlorotetrafluoroethane                 | 1.041 ppm v/v |
|                    |          |           |                      |                      |                     |              | 1,3,5-Trimethylbenzene                        | 1.039 ppm v/v |
|                    |          |           |                      |                      |                     |              | 1,3-Butadiene                                 | 1.012 ppm v/v |
|                    |          |           |                      |                      |                     |              | 1,3-Dichlorobenzene                           | 1.058 ppm v/v |
|                    |          |           |                      |                      |                     |              | 1,4-Dichlorobenzene                           | 1.047 ppm v/v |
|                    |          |           |                      |                      |                     |              | 1,4-Dioxane                                   | 1.058 ppm v/v |
|                    |          |           |                      |                      |                     |              | 2,2,4-Trimethylpentane                        | 1.047 ppm v/v |
|                    |          |           |                      |                      |                     |              | 2-Chlorotoluene                               | 1.044 ppm v/v |
|                    |          |           |                      |                      |                     |              | 2-Methylbutane                                | 1.044 ppm v/v |
|                    |          |           |                      |                      |                     |              | 3-Chloropropene                               | 1.065 ppm v/v |
|                    |          |           |                      |                      |                     |              | 4-Ethyltoluene                                | 1.033 ppm v/v |
|                    |          |           |                      |                      |                     |              | 4-Isopropyltoluene                            | 1.031 ppm v/v |
|                    |          |           |                      |                      |                     |              | 4-Methyl-2-pentanone (Methyl isobutyl ketone) | 1.024 ppm v/v |
|                    |          |           |                      |                      |                     |              | Acetone                                       | 1.024 ppm v/v |
|                    |          |           |                      |                      |                     |              | Acetonitrile                                  | 0.99 ppm v/v  |
|                    |          |           |                      |                      |                     |              | Acrolein                                      | 0.972 ppm v/v |
|                    |          |           |                      |                      |                     |              | Acrylonitrile                                 | 1.011 ppm v/v |
|                    |          |           |                      |                      |                     |              | Alpha Methyl Styrene                          | 1.02 ppm v/v  |
|                    |          |           |                      |                      |                     |              | Benzene                                       | 1.033 ppm v/v |
|                    |          |           |                      |                      |                     |              | Benzyl chloride                               | 1.058 ppm v/v |

# REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-56451-1

SDG No.: 200-56451-1

| Reagent ID | Exp Date | Prep Date | Dilutant Used | Reagent Final Volume | Parent Reagent |              | Analyte                          | Concentration |
|------------|----------|-----------|---------------|----------------------|----------------|--------------|----------------------------------|---------------|
|            |          |           |               |                      | Reagent ID     | Volume Added |                                  |               |
|            |          |           |               |                      |                |              | Bromodichloromethane             | 1.057 ppm v/v |
|            |          |           |               |                      |                |              | Bromoethene (Vinyl Bromide)      | 1.042 ppm v/v |
|            |          |           |               |                      |                |              | Bromoform                        | 1.029 ppm v/v |
|            |          |           |               |                      |                |              | Bromomethane                     | 1.031 ppm v/v |
|            |          |           |               |                      |                |              | Carbon disulfide                 | 1.016 ppm v/v |
|            |          |           |               |                      |                |              | Carbon tetrachloride             | 1.016 ppm v/v |
|            |          |           |               |                      |                |              | Chlorobenzene                    | 1.049 ppm v/v |
|            |          |           |               |                      |                |              | Chlorodifluoromethane            | 1.048 ppm v/v |
|            |          |           |               |                      |                |              | Chloroethane                     | 1.039 ppm v/v |
|            |          |           |               |                      |                |              | Chloroform                       | 1.01 ppm v/v  |
|            |          |           |               |                      |                |              | Chloromethane                    | 1.092 ppm v/v |
|            |          |           |               |                      |                |              | cis-1,2-Dichloroethene           | 1.01 ppm v/v  |
|            |          |           |               |                      |                |              | cis-1,3-Dichloropropene          | 1.039 ppm v/v |
|            |          |           |               |                      |                |              | Cumene                           | 1.043 ppm v/v |
|            |          |           |               |                      |                |              | Cyclohexane                      | 1.015 ppm v/v |
|            |          |           |               |                      |                |              | Dibromochloromethane             | 0.968 ppm v/v |
|            |          |           |               |                      |                |              | Dibromomethane                   | 1.03 ppm v/v  |
|            |          |           |               |                      |                |              | Dichlorodifluoromethane          | 1.044 ppm v/v |
|            |          |           |               |                      |                |              | Dodecane                         | 0.936 ppm v/v |
|            |          |           |               |                      |                |              | Ethyl acetate                    | 1.013 ppm v/v |
|            |          |           |               |                      |                |              | Ethyl ether                      | 1.008 ppm v/v |
|            |          |           |               |                      |                |              | Ethylbenzene                     | 1.022 ppm v/v |
|            |          |           |               |                      |                |              | Hexachlorobutadiene              | 1.026 ppm v/v |
|            |          |           |               |                      |                |              | Isopropyl alcohol                | 1.022 ppm v/v |
|            |          |           |               |                      |                |              | m,p-Xylene                       | 2.056 ppm v/v |
|            |          |           |               |                      |                |              | Methyl Butyl Ketone (2-Hexanone) | 0.999 ppm v/v |
|            |          |           |               |                      |                |              | Methyl Ethyl Ketone (2-Butanone) | 1.034 ppm v/v |
|            |          |           |               |                      |                |              | Methyl methacrylate              | 1.016 ppm v/v |
|            |          |           |               |                      |                |              | Methyl tert-butyl ether          | 1.045 ppm v/v |
|            |          |           |               |                      |                |              | Methylene Chloride               | 1.028 ppm v/v |
|            |          |           |               |                      |                |              | n-Butane                         | 1.036 ppm v/v |
|            |          |           |               |                      |                |              | n-Butanol                        | 0.955 ppm v/v |
|            |          |           |               |                      |                |              | n-Butylbenzene                   | 1.039 ppm v/v |
|            |          |           |               |                      |                |              | n-Decane                         | 1.042 ppm v/v |
|            |          |           |               |                      |                |              | n-Heptane                        | 1.051 ppm v/v |
|            |          |           |               |                      |                |              | n-Hexane                         | 1.059 ppm v/v |
|            |          |           |               |                      |                |              | n-Nonane                         | 1.048 ppm v/v |
|            |          |           |               |                      |                |              | n-Octane                         | 1.033 ppm v/v |
|            |          |           |               |                      |                |              | n-Propylbenzene                  | 1.04 ppm v/v  |
|            |          |           |               |                      |                |              | Naphthalene                      | 0.972 ppm v/v |
|            |          |           |               |                      |                |              | o-Xylene                         | 1.036 ppm v/v |
|            |          |           |               |                      |                |              | Pentane                          | 1.013 ppm v/v |
|            |          |           |               |                      |                |              | Propene                          | 1.032 ppm v/v |
|            |          |           |               |                      |                |              | sec-Butylbenzene                 | 1.046 ppm v/v |
|            |          |           |               |                      |                |              | Styrene                          | 1.032 ppm v/v |
|            |          |           |               |                      |                |              | tert-Butyl alcohol               | 1.078 ppm v/v |

## REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-56451-1

SDG No.: 200-56451-1

| Reagent ID            | Exp Date | Prep Date | Dilutant Used             | Reagent Final Volume | Parent Reagent      |              | Analyte                        | Concentration   |
|-----------------------|----------|-----------|---------------------------|----------------------|---------------------|--------------|--------------------------------|-----------------|
|                       |          |           |                           |                      | Reagent ID          | Volume Added |                                |                 |
|                       |          |           |                           |                      |                     |              | tert-Butylbenzene              | 1.036 ppm v/v   |
|                       |          |           |                           |                      |                     |              | Tetrachloroethene              | 1.05 ppm v/v    |
|                       |          |           |                           |                      |                     |              | Tetrahydrofuran                | 0.999 ppm v/v   |
|                       |          |           |                           |                      |                     |              | Toluene                        | 1.016 ppm v/v   |
|                       |          |           |                           |                      |                     |              | trans-1,2-Dichloroethene       | 1.02 ppm v/v    |
|                       |          |           |                           |                      |                     |              | trans-1,3-Dichloropropene      | 0.988 ppm v/v   |
|                       |          |           |                           |                      |                     |              | Trichloroethene                | 1.053 ppm v/v   |
|                       |          |           |                           |                      |                     |              | Trichlorofluoromethane         | 1.056 ppm v/v   |
|                       |          |           |                           |                      |                     |              | Undecane                       | 1.046 ppm v/v   |
|                       |          |           |                           |                      |                     |              | Vinyl acetate                  | 1.039 ppm v/v   |
|                       |          |           |                           |                      |                     |              | Vinyl chloride                 | 1.039 ppm v/v   |
| .ATTO15EthCALw_00121  | 12/30/20 | 10/16/20  | Nitrogen, Lot 12          | 37.5 ppb             | ATTO15EthCALs_00009 | 18.75 uL     | Ethanol                        | 500 ppb v/v     |
| ..ATTO15EthCALs_00009 | 09/05/21 |           | Chem Service, Lot 5301900 |                      | (Purchased Reagent) |              | Ethanol                        | 1 mL/mL         |
| ATTO15CAL7w_00102     | 03/14/21 | 12/14/20  | Nitrogen, Lot 12          | 15.463 L             | ATTO15CALSTKi_00137 | 3092 mL      | 1,1,1-Trichloroethane          | 40.7521 ppb v/v |
|                       |          |           |                           |                      |                     |              | 1,1,2,2-Tetrachloroethane      | 41.352 ppb v/v  |
|                       |          |           |                           |                      |                     |              | 1,1,2-Trichloroethane          | 41.9119 ppb v/v |
|                       |          |           |                           |                      |                     |              | 1,1,2-Trichlorotrifluoroethane | 41.9519 ppb v/v |
|                       |          |           |                           |                      |                     |              | 1,1-Dichloroethane             | 39.9922 ppb v/v |
|                       |          |           |                           |                      |                     |              | 1,1-Dichloroethene             | 41.112 ppb v/v  |
|                       |          |           |                           |                      |                     |              | 1,2,3-Trichlorobenzene         | 36.4729 ppb v/v |
|                       |          |           |                           |                      |                     |              | 1,2,3-Trichloropropane         | 42.3518 ppb v/v |
|                       |          |           |                           |                      |                     |              | 1,2,4-Trichlorobenzene         | 43.4316 ppb v/v |
|                       |          |           |                           |                      |                     |              | 1,2,4-Trimethylbenzene         | 41.5919 ppb v/v |
|                       |          |           |                           |                      |                     |              | 1,2-Dibromoethane              | 42.4318 ppb v/v |
|                       |          |           |                           |                      |                     |              | 1,2-Dichlorobenzene            | 41.7519 ppb v/v |
|                       |          |           |                           |                      |                     |              | 1,2-Dichloroethane             | 41.432 ppb v/v  |
|                       |          |           |                           |                      |                     |              | 1,2-Dichloropropane            | 41.232 ppb v/v  |
|                       |          |           |                           |                      |                     |              | 1,2-Dichlorotetrafluoroethane  | 41.6319 ppb v/v |
|                       |          |           |                           |                      |                     |              | 1,3,5-Trimethylbenzene         | 41.5519 ppb v/v |
|                       |          |           |                           |                      |                     |              | 1,3-Butadiene                  | 40.4721 ppb v/v |
|                       |          |           |                           |                      |                     |              | 1,3-Dichlorobenzene            | 42.3118 ppb v/v |

# REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-56451-1

SDG No.: 200-56451-1

| Reagent ID | Exp Date | Prep Date | Dilutant Used | Reagent Final Volume | Parent Reagent |              | Analyte                                       | Concentration   |
|------------|----------|-----------|---------------|----------------------|----------------|--------------|-----------------------------------------------|-----------------|
|            |          |           |               |                      | Reagent ID     | Volume Added |                                               |                 |
|            |          |           |               |                      |                |              | 1,4-Dichlorobenzene                           | 41.8719 ppb v/v |
|            |          |           |               |                      |                |              | 1,4-Dioxane                                   | 42.3118 ppb v/v |
|            |          |           |               |                      |                |              | 2,2,4-Trimethylpentane                        | 41.8719 ppb v/v |
|            |          |           |               |                      |                |              | 2-Chlorotoluene                               | 41.7519 ppb v/v |
|            |          |           |               |                      |                |              | 2-Methylbutane                                | 41.7519 ppb v/v |
|            |          |           |               |                      |                |              | 3-Chloropropene                               | 42.5917 ppb v/v |
|            |          |           |               |                      |                |              | 4-Ethyltoluene                                | 41.312 ppb v/v  |
|            |          |           |               |                      |                |              | 4-Isopropyltoluene                            | 41.232 ppb v/v  |
|            |          |           |               |                      |                |              | 4-Methyl-2-pentanone (Methyl isobutyl ketone) | 40.9521 ppb v/v |
|            |          |           |               |                      |                |              | Acetone                                       | 40.9521 ppb v/v |
|            |          |           |               |                      |                |              | Acetonitrile                                  | 39.5923 ppb v/v |
|            |          |           |               |                      |                |              | Acrolein                                      | 38.8725 ppb v/v |
|            |          |           |               |                      |                |              | Acrylonitrile                                 | 40.4322 ppb v/v |
|            |          |           |               |                      |                |              | Alpha Methyl Styrene                          | 40.7921 ppb v/v |
|            |          |           |               |                      |                |              | Benzene                                       | 41.312 ppb v/v  |
|            |          |           |               |                      |                |              | Benzyl chloride                               | 42.3118 ppb v/v |
|            |          |           |               |                      |                |              | Bromodichloromethane                          | 42.2718 ppb v/v |
|            |          |           |               |                      |                |              | Bromoethene (Vinyl Bromide)                   | 41.6719 ppb v/v |
|            |          |           |               |                      |                |              | Bromoform                                     | 41.152 ppb v/v  |
|            |          |           |               |                      |                |              | Bromomethane                                  | 41.232 ppb v/v  |
|            |          |           |               |                      |                |              | Carbon disulfide                              | 40.6321 ppb v/v |
|            |          |           |               |                      |                |              | Carbon tetrachloride                          | 40.6321 ppb v/v |
|            |          |           |               |                      |                |              | Chlorobenzene                                 | 41.9519 ppb v/v |
|            |          |           |               |                      |                |              | Chlorodifluoromethane                         | 41.9119 ppb v/v |
|            |          |           |               |                      |                |              | Chloroethane                                  | 41.5519 ppb v/v |

## REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-56451-1

SDG No.: 200-56451-1

| Reagent ID | Exp Date | Prep Date | Dilutant Used | Reagent Final Volume | Parent Reagent |              | Analyte                          | Concentration   |
|------------|----------|-----------|---------------|----------------------|----------------|--------------|----------------------------------|-----------------|
|            |          |           |               |                      | Reagent ID     | Volume Added |                                  |                 |
|            |          |           |               |                      |                |              | Chloroform                       | 40.3922 ppb v/v |
|            |          |           |               |                      |                |              | Chloromethane                    | 43.6715 ppb v/v |
|            |          |           |               |                      |                |              | cis-1,2-Dichloroethene           | 40.3922 ppb v/v |
|            |          |           |               |                      |                |              | cis-1,3-Dichloropropene          | 41.5519 ppb v/v |
|            |          |           |               |                      |                |              | Cumene                           | 41.7119 ppb v/v |
|            |          |           |               |                      |                |              | Cyclohexane                      | 40.5921 ppb v/v |
|            |          |           |               |                      |                |              | Dibromochloromethane             | 38.7125 ppb v/v |
|            |          |           |               |                      |                |              | Dibromomethane                   | 41.192 ppb v/v  |
|            |          |           |               |                      |                |              | Dichlorodifluoromethane          | 41.7519 ppb v/v |
|            |          |           |               |                      |                |              | Dodecane                         | 37.4327 ppb v/v |
|            |          |           |               |                      |                |              | Ethyl acetate                    | 40.5121 ppb v/v |
|            |          |           |               |                      |                |              | Ethyl ether                      | 40.3122 ppb v/v |
|            |          |           |               |                      |                |              | Ethylbenzene                     | 40.8721 ppb v/v |
|            |          |           |               |                      |                |              | Hexachlorobutadiene              | 41.032 ppb v/v  |
|            |          |           |               |                      |                |              | Isopropyl alcohol                | 40.8721 ppb v/v |
|            |          |           |               |                      |                |              | m,p-Xylene                       | 82.224 ppb v/v  |
|            |          |           |               |                      |                |              | Methyl Butyl Ketone (2-Hexanone) | 39.9522 ppb v/v |
|            |          |           |               |                      |                |              | Methyl Ethyl Ketone (2-Butanone) | 41.352 ppb v/v  |
|            |          |           |               |                      |                |              | Methyl methacrylate              | 40.6321 ppb v/v |
|            |          |           |               |                      |                |              | Methyl tert-butyl ether          | 41.7919 ppb v/v |
|            |          |           |               |                      |                |              | Methylene Chloride               | 41.112 ppb v/v  |
|            |          |           |               |                      |                |              | n-Butane                         | 41.432 ppb v/v  |
|            |          |           |               |                      |                |              | n-Butanol                        | 38.1926 ppb v/v |
|            |          |           |               |                      |                |              | n-Butylbenzene                   | 41.5519 ppb v/v |
|            |          |           |               |                      |                |              | n-Decane                         | 41.6719 ppb v/v |

## REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-56451-1

SDG No.: 200-56451-1

| Reagent ID           | Exp Date | Prep Date | Dilutant Used    | Reagent Final Volume | Parent Reagent      |              | Analyte                   | Concentration   |
|----------------------|----------|-----------|------------------|----------------------|---------------------|--------------|---------------------------|-----------------|
|                      |          |           |                  |                      | Reagent ID          | Volume Added |                           |                 |
|                      |          |           |                  |                      |                     |              | n-Heptane                 | 42.0318 ppb v/v |
|                      |          |           |                  |                      |                     |              | n-Hexane                  | 42.3518 ppb v/v |
|                      |          |           |                  |                      |                     |              | n-Nonane                  | 41.9119 ppb v/v |
|                      |          |           |                  |                      |                     |              | n-Octane                  | 41.312 ppb v/v  |
|                      |          |           |                  |                      |                     |              | n-Propylbenzene           | 41.5919 ppb v/v |
|                      |          |           |                  |                      |                     |              | Naphthalene               | 38.8725 ppb v/v |
|                      |          |           |                  |                      |                     |              | o-Xylene                  | 41.432 ppb v/v  |
|                      |          |           |                  |                      |                     |              | Pentane                   | 40.5121 ppb v/v |
|                      |          |           |                  |                      |                     |              | Propene                   | 41.272 ppb v/v  |
|                      |          |           |                  |                      |                     |              | sec-Butylbenzene          | 41.8319 ppb v/v |
|                      |          |           |                  |                      |                     |              | Styrene                   | 41.272 ppb v/v  |
|                      |          |           |                  |                      |                     |              | tert-Butyl alcohol        | 43.1116 ppb v/v |
|                      |          |           |                  |                      |                     |              | tert-Butylbenzene         | 41.432 ppb v/v  |
|                      |          |           |                  |                      |                     |              | Tetrachloroethene         | 41.9919 ppb v/v |
|                      |          |           |                  |                      |                     |              | Tetrahydrofuran           | 39.9522 ppb v/v |
|                      |          |           |                  |                      |                     |              | Toluene                   | 40.6321 ppb v/v |
|                      |          |           |                  |                      |                     |              | trans-1,2-Dichloroethene  | 40.7921 ppb v/v |
|                      |          |           |                  |                      |                     |              | trans-1,3-Dichloropropene | 39.5123 ppb v/v |
|                      |          |           |                  |                      |                     |              | Trichloroethene           | 42.1118 ppb v/v |
|                      |          |           |                  |                      |                     |              | Trichlorofluoromethane    | 42.2318 ppb v/v |
|                      |          |           |                  |                      |                     |              | Undecane                  | 41.8319 ppb v/v |
|                      |          |           |                  |                      |                     |              | Vinyl acetate             | 41.5519 ppb v/v |
|                      |          |           |                  |                      |                     |              | Vinyl chloride            | 41.5519 ppb v/v |
|                      |          |           |                  |                      | ATTO15EthCALw_00123 | 3092 mL      | Ethanol                   | 99.9806 ppb v/v |
| .ATTO15CALSTKi_00137 | 03/14/21 | 12/14/20  | Nitrogen, Lot 13 | 15 L                 | ATTO15CALs_00042    | 3000 mL      | 1,1,1-Trichloroethane     | 203.8 ppb v/v   |
|                      |          |           |                  |                      |                     |              | 1,1,2,2-Tetrachloroethane | 206.8 ppb v/v   |
|                      |          |           |                  |                      |                     |              | 1,1,2-Trichloroethane     | 209.6 ppb v/v   |

## REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-56451-1

SDG No.: 200-56451-1

| Reagent ID | Exp Date | Prep Date | Dilutant Used | Reagent Final Volume | Parent Reagent |              | Analyte                                       | Concentration |
|------------|----------|-----------|---------------|----------------------|----------------|--------------|-----------------------------------------------|---------------|
|            |          |           |               |                      | Reagent ID     | Volume Added |                                               |               |
|            |          |           |               |                      |                |              | 1,1,2-Trichlorotrifluoroethane                | 209.8 ppb v/v |
|            |          |           |               |                      |                |              | 1,1-Dichloroethane                            | 200 ppb v/v   |
|            |          |           |               |                      |                |              | 1,1-Dichloroethene                            | 205.6 ppb v/v |
|            |          |           |               |                      |                |              | 1,2,3-Trichlorobenzene                        | 182.4 ppb v/v |
|            |          |           |               |                      |                |              | 1,2,3-Trichloropropane                        | 211.8 ppb v/v |
|            |          |           |               |                      |                |              | 1,2,4-Trichlorobenzene                        | 217.2 ppb v/v |
|            |          |           |               |                      |                |              | 1,2,4-Trimethylbenzene                        | 208 ppb v/v   |
|            |          |           |               |                      |                |              | 1,2-Dibromoethane                             | 212.2 ppb v/v |
|            |          |           |               |                      |                |              | 1,2-Dichlorobenzene                           | 208.8 ppb v/v |
|            |          |           |               |                      |                |              | 1,2-Dichloroethane                            | 207.2 ppb v/v |
|            |          |           |               |                      |                |              | 1,2-Dichloropropane                           | 206.2 ppb v/v |
|            |          |           |               |                      |                |              | 1,2-Dichlorotetrafluoroethane                 | 208.2 ppb v/v |
|            |          |           |               |                      |                |              | 1,3,5-Trimethylbenzene                        | 207.8 ppb v/v |
|            |          |           |               |                      |                |              | 1,3-Butadiene                                 | 202.4 ppb v/v |
|            |          |           |               |                      |                |              | 1,3-Dichlorobenzene                           | 211.6 ppb v/v |
|            |          |           |               |                      |                |              | 1,4-Dichlorobenzene                           | 209.4 ppb v/v |
|            |          |           |               |                      |                |              | 1,4-Dioxane                                   | 211.6 ppb v/v |
|            |          |           |               |                      |                |              | 2,2,4-Trimethylpentane                        | 209.4 ppb v/v |
|            |          |           |               |                      |                |              | 2-Chlorotoluene                               | 208.8 ppb v/v |
|            |          |           |               |                      |                |              | 2-Methylbutane                                | 208.8 ppb v/v |
|            |          |           |               |                      |                |              | 3-Chloropropene                               | 213 ppb v/v   |
|            |          |           |               |                      |                |              | 4-Ethyltoluene                                | 206.6 ppb v/v |
|            |          |           |               |                      |                |              | 4-Isopropyltoluene                            | 206.2 ppb v/v |
|            |          |           |               |                      |                |              | 4-Methyl-2-pentanone (Methyl isobutyl ketone) | 204.8 ppb v/v |
|            |          |           |               |                      |                |              | Acetone                                       | 204.8 ppb v/v |
|            |          |           |               |                      |                |              | Acetonitrile                                  | 198 ppb v/v   |
|            |          |           |               |                      |                |              | Acrolein                                      | 194.4 ppb v/v |
|            |          |           |               |                      |                |              | Acrylonitrile                                 | 202.2 ppb v/v |
|            |          |           |               |                      |                |              | Alpha Methyl Styrene                          | 204 ppb v/v   |
|            |          |           |               |                      |                |              | Benzene                                       | 206.6 ppb v/v |
|            |          |           |               |                      |                |              | Benzyl chloride                               | 211.6 ppb v/v |
|            |          |           |               |                      |                |              | Bromodichloromethane                          | 211.4 ppb v/v |
|            |          |           |               |                      |                |              | Bromoethene (Vinyl Bromide)                   | 208.4 ppb v/v |
|            |          |           |               |                      |                |              | Bromoform                                     | 205.8 ppb v/v |
|            |          |           |               |                      |                |              | Bromomethane                                  | 206.2 ppb v/v |
|            |          |           |               |                      |                |              | Carbon disulfide                              | 203.2 ppb v/v |
|            |          |           |               |                      |                |              | Carbon tetrachloride                          | 203.2 ppb v/v |
|            |          |           |               |                      |                |              | Chlorobenzene                                 | 209.8 ppb v/v |
|            |          |           |               |                      |                |              | Chlorodifluoromethane                         | 209.6 ppb v/v |
|            |          |           |               |                      |                |              | Chloroethane                                  | 207.8 ppb v/v |
|            |          |           |               |                      |                |              | Chloroform                                    | 202 ppb v/v   |
|            |          |           |               |                      |                |              | Chloromethane                                 | 218.4 ppb v/v |
|            |          |           |               |                      |                |              | cis-1,2-Dichloroethene                        | 202 ppb v/v   |
|            |          |           |               |                      |                |              | cis-1,3-Dichloropropene                       | 207.8 ppb v/v |
|            |          |           |               |                      |                |              | Cumene                                        | 208.6 ppb v/v |
|            |          |           |               |                      |                |              | Cyclohexane                                   | 203 ppb v/v   |
|            |          |           |               |                      |                |              | Dibromochloromethane                          | 193.6 ppb v/v |

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins TestAmerica, Burlington      Job No.: 200-56451-1

SDG No.: 200-56451-1

| Reagent ID         | Exp Date | Prep Date | Dilutant Used        | Reagent Final Volume | Parent Reagent      |              | Analyte                          | Concentration |
|--------------------|----------|-----------|----------------------|----------------------|---------------------|--------------|----------------------------------|---------------|
|                    |          |           |                      |                      | Reagent ID          | Volume Added |                                  |               |
|                    |          |           |                      |                      |                     |              | Dibromomethane                   | 206 ppb v/v   |
|                    |          |           |                      |                      |                     |              | Dichlorodifluoromethane          | 208.8 ppb v/v |
|                    |          |           |                      |                      |                     |              | Dodecane                         | 187.2 ppb v/v |
|                    |          |           |                      |                      |                     |              | Ethyl acetate                    | 202.6 ppb v/v |
|                    |          |           |                      |                      |                     |              | Ethyl ether                      | 201.6 ppb v/v |
|                    |          |           |                      |                      |                     |              | Ethylbenzene                     | 204.4 ppb v/v |
|                    |          |           |                      |                      |                     |              | Hexachlorobutadiene              | 205.2 ppb v/v |
|                    |          |           |                      |                      |                     |              | Isopropyl alcohol                | 204.4 ppb v/v |
|                    |          |           |                      |                      |                     |              | m,p-Xylene                       | 411.2 ppb v/v |
|                    |          |           |                      |                      |                     |              | Methyl Butyl Ketone (2-Hexanone) | 199.8 ppb v/v |
|                    |          |           |                      |                      |                     |              | Methyl Ethyl Ketone (2-Butanone) | 206.8 ppb v/v |
|                    |          |           |                      |                      |                     |              | Methyl methacrylate              | 203.2 ppb v/v |
|                    |          |           |                      |                      |                     |              | Methyl tert-butyl ether          | 209 ppb v/v   |
|                    |          |           |                      |                      |                     |              | Methylene Chloride               | 205.6 ppb v/v |
|                    |          |           |                      |                      |                     |              | n-Butane                         | 207.2 ppb v/v |
|                    |          |           |                      |                      |                     |              | n-Butanol                        | 191 ppb v/v   |
|                    |          |           |                      |                      |                     |              | n-Butylbenzene                   | 207.8 ppb v/v |
|                    |          |           |                      |                      |                     |              | n-Decane                         | 208.4 ppb v/v |
|                    |          |           |                      |                      |                     |              | n-Heptane                        | 210.2 ppb v/v |
|                    |          |           |                      |                      |                     |              | n-Hexane                         | 211.8 ppb v/v |
|                    |          |           |                      |                      |                     |              | n-Nonane                         | 209.6 ppb v/v |
|                    |          |           |                      |                      |                     |              | n-Octane                         | 206.6 ppb v/v |
|                    |          |           |                      |                      |                     |              | n-Propylbenzene                  | 208 ppb v/v   |
|                    |          |           |                      |                      |                     |              | Naphthalene                      | 194.4 ppb v/v |
|                    |          |           |                      |                      |                     |              | o-Xylene                         | 207.2 ppb v/v |
|                    |          |           |                      |                      |                     |              | Pentane                          | 202.6 ppb v/v |
|                    |          |           |                      |                      |                     |              | Propene                          | 206.4 ppb v/v |
|                    |          |           |                      |                      |                     |              | sec-Butylbenzene                 | 209.2 ppb v/v |
|                    |          |           |                      |                      |                     |              | Styrene                          | 206.4 ppb v/v |
|                    |          |           |                      |                      |                     |              | tert-Butyl alcohol               | 215.6 ppb v/v |
|                    |          |           |                      |                      |                     |              | tert-Butylbenzene                | 207.2 ppb v/v |
|                    |          |           |                      |                      |                     |              | Tetrachloroethene                | 210 ppb v/v   |
|                    |          |           |                      |                      |                     |              | Tetrahydrofuran                  | 199.8 ppb v/v |
|                    |          |           |                      |                      |                     |              | Toluene                          | 203.2 ppb v/v |
|                    |          |           |                      |                      |                     |              | trans-1,2-Dichloroethene         | 204 ppb v/v   |
|                    |          |           |                      |                      |                     |              | trans-1,3-Dichloropropene        | 197.6 ppb v/v |
|                    |          |           |                      |                      |                     |              | Trichloroethene                  | 210.6 ppb v/v |
|                    |          |           |                      |                      |                     |              | Trichlorofluoromethane           | 211.2 ppb v/v |
|                    |          |           |                      |                      |                     |              | Undecane                         | 209.2 ppb v/v |
|                    |          |           |                      |                      |                     |              | Vinyl acetate                    | 207.8 ppb v/v |
|                    |          |           |                      |                      |                     |              | Vinyl chloride                   | 207.8 ppb v/v |
| ..ATTO15CALs_00042 | 12/13/21 |           | Linde, Lot CC-237336 |                      | (Purchased Reagent) |              | 1,1,1-Trichloroethane            | 1.019 ppm v/v |
|                    |          |           |                      |                      |                     |              | 1,1,2,2-Tetrachloroethane        | 1.034 ppm v/v |
|                    |          |           |                      |                      |                     |              | 1,1,2-Trichloroethane            | 1.048 ppm v/v |
|                    |          |           |                      |                      |                     |              | 1,1,2-Trichlorotrifluoroethane   | 1.049 ppm v/v |
|                    |          |           |                      |                      |                     |              | 1,1-Dichloroethane               | 1 ppm v/v     |



# REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-56451-1

SDG No.: 200-56451-1

| Reagent ID | Exp Date | Prep Date | Dilutant Used | Reagent Final Volume | Parent Reagent |              | Analyte                                       | Concentration |
|------------|----------|-----------|---------------|----------------------|----------------|--------------|-----------------------------------------------|---------------|
|            |          |           |               |                      | Reagent ID     | Volume Added |                                               |               |
|            |          |           |               |                      |                |              | 1,1-Dichloroethene                            | 1.028 ppm v/v |
|            |          |           |               |                      |                |              | 1,2,3-Trichlorobenzene                        | 0.912 ppm v/v |
|            |          |           |               |                      |                |              | 1,2,3-Trichloropropane                        | 1.059 ppm v/v |
|            |          |           |               |                      |                |              | 1,2,4-Trichlorobenzene                        | 1.086 ppm v/v |
|            |          |           |               |                      |                |              | 1,2,4-Trimethylbenzene                        | 1.04 ppm v/v  |
|            |          |           |               |                      |                |              | 1,2-Dibromoethane                             | 1.061 ppm v/v |
|            |          |           |               |                      |                |              | 1,2-Dichlorobenzene                           | 1.044 ppm v/v |
|            |          |           |               |                      |                |              | 1,2-Dichloroethane                            | 1.036 ppm v/v |
|            |          |           |               |                      |                |              | 1,2-Dichloropropane                           | 1.031 ppm v/v |
|            |          |           |               |                      |                |              | 1,2-Dichlorotetrafluoroethane                 | 1.041 ppm v/v |
|            |          |           |               |                      |                |              | 1,3,5-Trimethylbenzene                        | 1.039 ppm v/v |
|            |          |           |               |                      |                |              | 1,3-Butadiene                                 | 1.012 ppm v/v |
|            |          |           |               |                      |                |              | 1,3-Dichlorobenzene                           | 1.058 ppm v/v |
|            |          |           |               |                      |                |              | 1,4-Dichlorobenzene                           | 1.047 ppm v/v |
|            |          |           |               |                      |                |              | 1,4-Dioxane                                   | 1.058 ppm v/v |
|            |          |           |               |                      |                |              | 2,2,4-Trimethylpentane                        | 1.047 ppm v/v |
|            |          |           |               |                      |                |              | 2-Chlorotoluene                               | 1.044 ppm v/v |
|            |          |           |               |                      |                |              | 2-Methylbutane                                | 1.044 ppm v/v |
|            |          |           |               |                      |                |              | 3-Chloropropene                               | 1.065 ppm v/v |
|            |          |           |               |                      |                |              | 4-Ethyltoluene                                | 1.033 ppm v/v |
|            |          |           |               |                      |                |              | 4-Isopropyltoluene                            | 1.031 ppm v/v |
|            |          |           |               |                      |                |              | 4-Methyl-2-pentanone (Methyl isobutyl ketone) | 1.024 ppm v/v |
|            |          |           |               |                      |                |              | Acetone                                       | 1.024 ppm v/v |
|            |          |           |               |                      |                |              | Acetonitrile                                  | 0.99 ppm v/v  |
|            |          |           |               |                      |                |              | Acrolein                                      | 0.972 ppm v/v |
|            |          |           |               |                      |                |              | Acrylonitrile                                 | 1.011 ppm v/v |
|            |          |           |               |                      |                |              | Alpha Methyl Styrene                          | 1.02 ppm v/v  |
|            |          |           |               |                      |                |              | Benzene                                       | 1.033 ppm v/v |
|            |          |           |               |                      |                |              | Benzyl chloride                               | 1.058 ppm v/v |
|            |          |           |               |                      |                |              | Bromodichloromethane                          | 1.057 ppm v/v |
|            |          |           |               |                      |                |              | Bromoethene (Vinyl Bromide)                   | 1.042 ppm v/v |
|            |          |           |               |                      |                |              | Bromoform                                     | 1.029 ppm v/v |
|            |          |           |               |                      |                |              | Bromomethane                                  | 1.031 ppm v/v |
|            |          |           |               |                      |                |              | Carbon disulfide                              | 1.016 ppm v/v |
|            |          |           |               |                      |                |              | Carbon tetrachloride                          | 1.016 ppm v/v |
|            |          |           |               |                      |                |              | Chlorobenzene                                 | 1.049 ppm v/v |
|            |          |           |               |                      |                |              | Chlorodifluoromethane                         | 1.048 ppm v/v |
|            |          |           |               |                      |                |              | Chloroethane                                  | 1.039 ppm v/v |
|            |          |           |               |                      |                |              | Chloroform                                    | 1.01 ppm v/v  |
|            |          |           |               |                      |                |              | Chloromethane                                 | 1.092 ppm v/v |
|            |          |           |               |                      |                |              | cis-1,2-Dichloroethene                        | 1.01 ppm v/v  |
|            |          |           |               |                      |                |              | cis-1,3-Dichloropropene                       | 1.039 ppm v/v |
|            |          |           |               |                      |                |              | Cumene                                        | 1.043 ppm v/v |
|            |          |           |               |                      |                |              | Cyclohexane                                   | 1.015 ppm v/v |
|            |          |           |               |                      |                |              | Dibromochloromethane                          | 0.968 ppm v/v |
|            |          |           |               |                      |                |              | Dibromomethane                                | 1.03 ppm v/v  |
|            |          |           |               |                      |                |              | Dichlorodifluoromethane                       | 1.044 ppm v/v |

# REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-56451-1

SDG No.: 200-56451-1

| Reagent ID            | Exp Date | Prep Date | Dilutant Used             | Reagent Final Volume | Parent Reagent      |              | Analyte                          | Concentration |
|-----------------------|----------|-----------|---------------------------|----------------------|---------------------|--------------|----------------------------------|---------------|
|                       |          |           |                           |                      | Reagent ID          | Volume Added |                                  |               |
|                       |          |           |                           |                      |                     |              | Dodecane                         | 0.936 ppm v/v |
|                       |          |           |                           |                      |                     |              | Ethyl acetate                    | 1.013 ppm v/v |
|                       |          |           |                           |                      |                     |              | Ethyl ether                      | 1.008 ppm v/v |
|                       |          |           |                           |                      |                     |              | Ethylbenzene                     | 1.022 ppm v/v |
|                       |          |           |                           |                      |                     |              | Hexachlorobutadiene              | 1.026 ppm v/v |
|                       |          |           |                           |                      |                     |              | Isopropyl alcohol                | 1.022 ppm v/v |
|                       |          |           |                           |                      |                     |              | m,p-Xylene                       | 2.056 ppm v/v |
|                       |          |           |                           |                      |                     |              | Methyl Butyl Ketone (2-Hexanone) | 0.999 ppm v/v |
|                       |          |           |                           |                      |                     |              | Methyl Ethyl Ketone (2-Butanone) | 1.034 ppm v/v |
|                       |          |           |                           |                      |                     |              | Methyl methacrylate              | 1.016 ppm v/v |
|                       |          |           |                           |                      |                     |              | Methyl tert-butyl ether          | 1.045 ppm v/v |
|                       |          |           |                           |                      |                     |              | Methylene Chloride               | 1.028 ppm v/v |
|                       |          |           |                           |                      |                     |              | n-Butane                         | 1.036 ppm v/v |
|                       |          |           |                           |                      |                     |              | n-Butanol                        | 0.955 ppm v/v |
|                       |          |           |                           |                      |                     |              | n-Butylbenzene                   | 1.039 ppm v/v |
|                       |          |           |                           |                      |                     |              | n-Decane                         | 1.042 ppm v/v |
|                       |          |           |                           |                      |                     |              | n-Heptane                        | 1.051 ppm v/v |
|                       |          |           |                           |                      |                     |              | n-Hexane                         | 1.059 ppm v/v |
|                       |          |           |                           |                      |                     |              | n-Nonane                         | 1.048 ppm v/v |
|                       |          |           |                           |                      |                     |              | n-Octane                         | 1.033 ppm v/v |
|                       |          |           |                           |                      |                     |              | n-Propylbenzene                  | 1.04 ppm v/v  |
|                       |          |           |                           |                      |                     |              | Naphthalene                      | 0.972 ppm v/v |
|                       |          |           |                           |                      |                     |              | o-Xylene                         | 1.036 ppm v/v |
|                       |          |           |                           |                      |                     |              | Pentane                          | 1.013 ppm v/v |
|                       |          |           |                           |                      |                     |              | Propene                          | 1.032 ppm v/v |
|                       |          |           |                           |                      |                     |              | sec-Butylbenzene                 | 1.046 ppm v/v |
|                       |          |           |                           |                      |                     |              | Styrene                          | 1.032 ppm v/v |
|                       |          |           |                           |                      |                     |              | tert-Butyl alcohol               | 1.078 ppm v/v |
|                       |          |           |                           |                      |                     |              | tert-Butylbenzene                | 1.036 ppm v/v |
|                       |          |           |                           |                      |                     |              | Tetrachloroethene                | 1.05 ppm v/v  |
|                       |          |           |                           |                      |                     |              | Tetrahydrofuran                  | 0.999 ppm v/v |
|                       |          |           |                           |                      |                     |              | Toluene                          | 1.016 ppm v/v |
|                       |          |           |                           |                      |                     |              | trans-1,2-Dichloroethene         | 1.02 ppm v/v  |
|                       |          |           |                           |                      |                     |              | trans-1,3-Dichloropropene        | 0.988 ppm v/v |
|                       |          |           |                           |                      |                     |              | Trichloroethene                  | 1.053 ppm v/v |
|                       |          |           |                           |                      |                     |              | Trichlorofluoromethane           | 1.056 ppm v/v |
|                       |          |           |                           |                      |                     |              | Undecane                         | 1.046 ppm v/v |
|                       |          |           |                           |                      |                     |              | Vinyl acetate                    | 1.039 ppm v/v |
|                       |          |           |                           |                      |                     |              | Vinyl chloride                   | 1.039 ppm v/v |
| .ATTO15EthCALw_00123  | 03/14/21 | 12/14/20  | Nitrogen, Lot 12          | 37.5 ppb             | ATTO15EthCALs_00009 | 18.75 uL     | Ethanol                          | 500 ppb v/v   |
| ..ATTO15EthCALs_00009 | 09/05/21 |           | Chem Service, Lot 5301900 |                      | (Purchased Reagent) |              | Ethanol                          | 1 mL/mL       |
| ATTO15CISs_00010      |          |           |                           |                      |                     |              | 1,2-Dichloroethene, Total        |               |
|                       |          |           |                           |                      |                     |              | 1,4-Difluorobenzene              | 100 ppb v/v   |
|                       |          |           |                           |                      |                     |              | BFB                              | 100 ppb v/v   |
|                       |          |           |                           |                      |                     |              | Chlorobenzene-d5                 | 100 ppb v/v   |
|                       |          |           |                           |                      |                     |              | Chlorobromomethane               | 100 ppb v/v   |

## REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-56451-1

SDG No.: 200-56451-1

| Reagent ID       | Exp Date | Prep Date | Dilutant Used    | Reagent Final Volume | Parent Reagent      |              | Analyte                         | Concentration   |
|------------------|----------|-----------|------------------|----------------------|---------------------|--------------|---------------------------------|-----------------|
|                  |          |           |                  |                      | Reagent ID          | Volume Added |                                 |                 |
|                  |          |           |                  |                      |                     |              | Tentatively Identified Compound |                 |
|                  |          |           |                  |                      |                     |              | Total Alkanes                   |                 |
|                  |          |           |                  |                      |                     |              | Xylenes, Total                  |                 |
| ATTO15GIS_00017  |          |           |                  |                      |                     |              | 1,2-Dichloroethene, Total       |                 |
|                  |          |           |                  |                      |                     |              | 1,4-Difluorobenzene             | 100 ppb v/v     |
|                  |          |           |                  |                      |                     |              | BFB                             | 100 ppb v/v     |
|                  |          |           |                  |                      |                     |              | Chlorobenzene-d5                | 100 ppb v/v     |
|                  |          |           |                  |                      |                     |              | Chlorobromomethane              | 100 ppb v/v     |
|                  |          |           |                  |                      |                     |              | Tentatively Identified Compound |                 |
|                  |          |           |                  |                      |                     |              | Total Alkanes                   |                 |
|                  |          |           |                  |                      |                     |              | Xylenes, Total                  |                 |
| ATTO15LCSW_00815 | 12/13/20 | 09/30/20  | Nitrogen, Lot 13 | 15.463 L             | ATTO15LCSSTKi_00113 | 773 mL       | 1,1,1-Trichloroethane           | 10.318 ppb v/v  |
|                  |          |           |                  |                      |                     |              | 1,1,2,2-Tetrachloroethane       | 10.348 ppb v/v  |
|                  |          |           |                  |                      |                     |              | 1,1,2-Trichloroethane           | 10.488 ppb v/v  |
|                  |          |           |                  |                      |                     |              | 1,1,2-Trichlorotrifluoroethane  | 10.6779 ppb v/v |
|                  |          |           |                  |                      |                     |              | 1,1-Dichloroethane              | 10.268 ppb v/v  |
|                  |          |           |                  |                      |                     |              | 1,1-Dichloroethene              | 10.188 ppb v/v  |
|                  |          |           |                  |                      |                     |              | 1,2,4-Trichlorobenzene          | 10.9779 ppb v/v |
|                  |          |           |                  |                      |                     |              | 1,2,4-Trimethylbenzene          | 10.438 ppb v/v  |
|                  |          |           |                  |                      |                     |              | 1,2-Dibromoethane               | 10.6579 ppb v/v |
|                  |          |           |                  |                      |                     |              | 1,2-Dichlorobenzene             | 10.7579 ppb v/v |
|                  |          |           |                  |                      |                     |              | 1,2-Dichloroethane              | 10.458 ppb v/v  |
|                  |          |           |                  |                      |                     |              | 1,2-Dichloropropane             | 10.348 ppb v/v  |
|                  |          |           |                  |                      |                     |              | 1,2-Dichlorotetrafluoroethane   | 10.5879 ppb v/v |
|                  |          |           |                  |                      |                     |              | 1,3,5-Trimethylbenzene          | 10.488 ppb v/v  |
|                  |          |           |                  |                      |                     |              | 1,3-Butadiene                   | 9.69812 ppb v/v |
|                  |          |           |                  |                      |                     |              | 1,3-Dichlorobenzene             | 10.168 ppb v/v  |
|                  |          |           |                  |                      |                     |              | 1,4-Dichlorobenzene             | 10.398 ppb v/v  |
|                  |          |           |                  |                      |                     |              | 1,4-Dioxane                     | 10.288 ppb v/v  |

# REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-56451-1

SDG No.: 200-56451-1

| Reagent ID | Exp Date | Prep Date | Dilutant Used | Reagent Final Volume | Parent Reagent |              | Analyte                                       | Concentration   |
|------------|----------|-----------|---------------|----------------------|----------------|--------------|-----------------------------------------------|-----------------|
|            |          |           |               |                      | Reagent ID     | Volume Added |                                               |                 |
|            |          |           |               |                      |                |              | 2,2,4-Trimethylpentane                        | 10.138 ppb v/v  |
|            |          |           |               |                      |                |              | 2-Chlorotoluene                               | 10.428 ppb v/v  |
|            |          |           |               |                      |                |              | 3-Chloropropene                               | 10.7279 ppb v/v |
|            |          |           |               |                      |                |              | 4-Ethyltoluene                                | 10.248 ppb v/v  |
|            |          |           |               |                      |                |              | 4-Isopropyltoluene                            | 10.498 ppb v/v  |
|            |          |           |               |                      |                |              | 4-Methyl-2-pentanone (Methyl isobutyl ketone) | 10.188 ppb v/v  |
|            |          |           |               |                      |                |              | Acetone                                       | 10.428 ppb v/v  |
|            |          |           |               |                      |                |              | Benzene                                       | 10.388 ppb v/v  |
|            |          |           |               |                      |                |              | Benzyl chloride                               | 10.158 ppb v/v  |
|            |          |           |               |                      |                |              | Bromodichloromethane                          | 10.288 ppb v/v  |
|            |          |           |               |                      |                |              | Bromoethene (Vinyl Bromide)                   | 10.0481 ppb v/v |
|            |          |           |               |                      |                |              | Bromoform                                     | 10.298 ppb v/v  |
|            |          |           |               |                      |                |              | Bromomethane                                  | 10.398 ppb v/v  |
|            |          |           |               |                      |                |              | Carbon disulfide                              | 10.358 ppb v/v  |
|            |          |           |               |                      |                |              | Carbon tetrachloride                          | 10.0481 ppb v/v |
|            |          |           |               |                      |                |              | Chlorobenzene                                 | 10.498 ppb v/v  |
|            |          |           |               |                      |                |              | Chlorodifluoromethane                         | 10.5779 ppb v/v |
|            |          |           |               |                      |                |              | Chloroethane                                  | 10.5679 ppb v/v |
|            |          |           |               |                      |                |              | Chloroform                                    | 10.318 ppb v/v  |
|            |          |           |               |                      |                |              | Chloromethane                                 | 9.93807 ppb v/v |
|            |          |           |               |                      |                |              | cis-1,2-Dichloroethene                        | 10.368 ppb v/v  |
|            |          |           |               |                      |                |              | cis-1,3-Dichloropropene                       | 9.93807 ppb v/v |
|            |          |           |               |                      |                |              | Cumene                                        | 10.458 ppb v/v  |
|            |          |           |               |                      |                |              | Cyclohexane                                   | 10.218 ppb v/v  |
|            |          |           |               |                      |                |              | Dibromochloromethane                          | 10.5979 ppb v/v |

## REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-56451-1

SDG No.: 200-56451-1

| Reagent ID | Exp Date | Prep Date | Dilutant Used | Reagent Final Volume | Parent Reagent |              | Analyte                          | Concentration   |
|------------|----------|-----------|---------------|----------------------|----------------|--------------|----------------------------------|-----------------|
|            |          |           |               |                      | Reagent ID     | Volume Added |                                  |                 |
|            |          |           |               |                      |                |              | Dichlorodifluoromethane          | 10.5779 ppb v/v |
|            |          |           |               |                      |                |              | Ethylbenzene                     | 10.228 ppb v/v  |
|            |          |           |               |                      |                |              | Hexachlorobutadiene              | 10.8479 ppb v/v |
|            |          |           |               |                      |                |              | Isopropyl alcohol                | 10.168 ppb v/v  |
|            |          |           |               |                      |                |              | m,p-Xylene                       | 19.9961 ppb v/v |
|            |          |           |               |                      |                |              | Methyl Butyl Ketone (2-Hexanone) | 10.108 ppb v/v  |
|            |          |           |               |                      |                |              | Methyl Ethyl Ketone (2-Butanone) | 10.358 ppb v/v  |
|            |          |           |               |                      |                |              | Methyl methacrylate              | 10.208 ppb v/v  |
|            |          |           |               |                      |                |              | Methyl tert-butyl ether          | 10.558 ppb v/v  |
|            |          |           |               |                      |                |              | Methylene Chloride               | 10.248 ppb v/v  |
|            |          |           |               |                      |                |              | n-Butane                         | 10.298 ppb v/v  |
|            |          |           |               |                      |                |              | n-Butylbenzene                   | 10.508 ppb v/v  |
|            |          |           |               |                      |                |              | n-Heptane                        | 10.308 ppb v/v  |
|            |          |           |               |                      |                |              | n-Hexane                         | 10.468 ppb v/v  |
|            |          |           |               |                      |                |              | n-Propylbenzene                  | 10.358 ppb v/v  |
|            |          |           |               |                      |                |              | Naphthalene                      | 10.498 ppb v/v  |
|            |          |           |               |                      |                |              | o-Xylene                         | 10.368 ppb v/v  |
|            |          |           |               |                      |                |              | sec-Butylbenzene                 | 10.458 ppb v/v  |
|            |          |           |               |                      |                |              | Styrene                          | 10.278 ppb v/v  |
|            |          |           |               |                      |                |              | tert-Butyl alcohol               | 10.7979 ppb v/v |
|            |          |           |               |                      |                |              | tert-Butylbenzene                | 10.398 ppb v/v  |
|            |          |           |               |                      |                |              | Tetrachloroethene                | 10.468 ppb v/v  |
|            |          |           |               |                      |                |              | Tetrahydrofuran                  | 9.8081 ppb v/v  |
|            |          |           |               |                      |                |              | Toluene                          | 10.198 ppb v/v  |
|            |          |           |               |                      |                |              | trans-1,2-Dichloroethene         | 10.328 ppb v/v  |

## REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-56451-1

SDG No.: 200-56451-1

| Reagent ID           | Exp Date | Prep Date | Dilutant Used    | Reagent Final Volume | Parent Reagent   |              | Analyte                                       | Concentration   |
|----------------------|----------|-----------|------------------|----------------------|------------------|--------------|-----------------------------------------------|-----------------|
|                      |          |           |                  |                      | Reagent ID       | Volume Added |                                               |                 |
|                      |          |           |                  |                      |                  |              | trans-1,3-Dichloropropene                     | 9.84809 ppb v/v |
|                      |          |           |                  |                      |                  |              | Trichloroethene                               | 10.288 ppb v/v  |
|                      |          |           |                  |                      |                  |              | Trichlorofluoromethane                        | 10.408 ppb v/v  |
|                      |          |           |                  |                      |                  |              | Vinyl chloride                                | 9.98806 ppb v/v |
| .ATTO15LCSSTKi_00113 | 12/13/20 | 09/15/20  | Nitrogen, Lot 12 | 37.5 L               | ATTO15CALs_00040 | 7500 mL      | 1,1,1-Trichloroethane                         | 206.4 ppb v/v   |
|                      |          |           |                  |                      |                  |              | 1,1,2,2-Tetrachloroethane                     | 207 ppb v/v     |
|                      |          |           |                  |                      |                  |              | 1,1,2-Trichloroethane                         | 209.8 ppb v/v   |
|                      |          |           |                  |                      |                  |              | 1,1,2-Trichlorotrifluoroethane                | 213.6 ppb v/v   |
|                      |          |           |                  |                      |                  |              | 1,1-Dichloroethane                            | 205.4 ppb v/v   |
|                      |          |           |                  |                      |                  |              | 1,1-Dichloroethene                            | 203.8 ppb v/v   |
|                      |          |           |                  |                      |                  |              | 1,2,4-Trichlorobenzene                        | 219.6 ppb v/v   |
|                      |          |           |                  |                      |                  |              | 1,2,4-Trimethylbenzene                        | 208.8 ppb v/v   |
|                      |          |           |                  |                      |                  |              | 1,2-Dibromoethane                             | 213.2 ppb v/v   |
|                      |          |           |                  |                      |                  |              | 1,2-Dichlorobenzene                           | 215.2 ppb v/v   |
|                      |          |           |                  |                      |                  |              | 1,2-Dichloroethane                            | 209.2 ppb v/v   |
|                      |          |           |                  |                      |                  |              | 1,2-Dichloropropane                           | 207 ppb v/v     |
|                      |          |           |                  |                      |                  |              | 1,2-Dichlorotetrafluoroethane                 | 211.8 ppb v/v   |
|                      |          |           |                  |                      |                  |              | 1,3,5-Trimethylbenzene                        | 209.8 ppb v/v   |
|                      |          |           |                  |                      |                  |              | 1,3-Butadiene                                 | 194 ppb v/v     |
|                      |          |           |                  |                      |                  |              | 1,3-Dichlorobenzene                           | 203.4 ppb v/v   |
|                      |          |           |                  |                      |                  |              | 1,4-Dichlorobenzene                           | 208 ppb v/v     |
|                      |          |           |                  |                      |                  |              | 1,4-Dioxane                                   | 205.8 ppb v/v   |
|                      |          |           |                  |                      |                  |              | 2,2,4-Trimethylpentane                        | 202.8 ppb v/v   |
|                      |          |           |                  |                      |                  |              | 2-Chlorotoluene                               | 208.6 ppb v/v   |
|                      |          |           |                  |                      |                  |              | 3-Chloropropene                               | 214.6 ppb v/v   |
|                      |          |           |                  |                      |                  |              | 4-Ethyltoluene                                | 205 ppb v/v     |
|                      |          |           |                  |                      |                  |              | 4-Isopropyltoluene                            | 210 ppb v/v     |
|                      |          |           |                  |                      |                  |              | 4-Methyl-2-pentanone (Methyl isobutyl ketone) | 203.8 ppb v/v   |
|                      |          |           |                  |                      |                  |              | Acetone                                       | 208.6 ppb v/v   |
|                      |          |           |                  |                      |                  |              | Benzene                                       | 207.8 ppb v/v   |
|                      |          |           |                  |                      |                  |              | Benzyl chloride                               | 203.2 ppb v/v   |
|                      |          |           |                  |                      |                  |              | Bromodichloromethane                          | 205.8 ppb v/v   |
|                      |          |           |                  |                      |                  |              | Bromoethene (Vinyl Bromide)                   | 201 ppb v/v     |
|                      |          |           |                  |                      |                  |              | Bromoform                                     | 206 ppb v/v     |
|                      |          |           |                  |                      |                  |              | Bromomethane                                  | 208 ppb v/v     |
|                      |          |           |                  |                      |                  |              | Carbon disulfide                              | 207.2 ppb v/v   |
|                      |          |           |                  |                      |                  |              | Carbon tetrachloride                          | 201 ppb v/v     |
|                      |          |           |                  |                      |                  |              | Chlorobenzene                                 | 210 ppb v/v     |
|                      |          |           |                  |                      |                  |              | Chlorodifluoromethane                         | 211.6 ppb v/v   |
|                      |          |           |                  |                      |                  |              | Chloroethane                                  | 211.4 ppb v/v   |
|                      |          |           |                  |                      |                  |              | Chloroform                                    | 206.4 ppb v/v   |
|                      |          |           |                  |                      |                  |              | Chloromethane                                 | 198.8 ppb v/v   |
|                      |          |           |                  |                      |                  |              | cis-1,2-Dichloroethene                        | 207.4 ppb v/v   |

## REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-56451-1

SDG No.: 200-56451-1

| Reagent ID         | Exp Date | Prep Date            | Dilutant Used | Reagent Final Volume | Parent Reagent      |                                | Analyte                          | Concentration |
|--------------------|----------|----------------------|---------------|----------------------|---------------------|--------------------------------|----------------------------------|---------------|
|                    |          |                      |               |                      | Reagent ID          | Volume Added                   |                                  |               |
|                    |          |                      |               |                      |                     |                                | cis-1,3-Dichloropropene          | 198.8 ppb v/v |
|                    |          |                      |               |                      |                     |                                | Cumene                           | 209.2 ppb v/v |
|                    |          |                      |               |                      |                     |                                | Cyclohexane                      | 204.4 ppb v/v |
|                    |          |                      |               |                      |                     |                                | Dibromochloromethane             | 212 ppb v/v   |
|                    |          |                      |               |                      |                     |                                | Dichlorodifluoromethane          | 211.6 ppb v/v |
|                    |          |                      |               |                      |                     |                                | Ethylbenzene                     | 204.6 ppb v/v |
|                    |          |                      |               |                      |                     |                                | Hexachlorobutadiene              | 217 ppb v/v   |
|                    |          |                      |               |                      |                     |                                | Isopropyl alcohol                | 203.4 ppb v/v |
|                    |          |                      |               |                      |                     |                                | m,p-Xylene                       | 400 ppb v/v   |
|                    |          |                      |               |                      |                     |                                | Methyl Butyl Ketone (2-Hexanone) | 202.2 ppb v/v |
|                    |          |                      |               |                      |                     |                                | Methyl Ethyl Ketone (2-Butanone) | 207.2 ppb v/v |
|                    |          |                      |               |                      |                     |                                | Methyl methacrylate              | 204.2 ppb v/v |
|                    |          |                      |               |                      |                     |                                | Methyl tert-butyl ether          | 211.2 ppb v/v |
|                    |          |                      |               |                      |                     |                                | Methylene Chloride               | 205 ppb v/v   |
|                    |          |                      |               |                      |                     |                                | n-Butane                         | 206 ppb v/v   |
|                    |          |                      |               |                      |                     |                                | n-Butylbenzene                   | 210.2 ppb v/v |
|                    |          |                      |               |                      |                     |                                | n-Heptane                        | 206.2 ppb v/v |
|                    |          |                      |               |                      |                     |                                | n-Hexane                         | 209.4 ppb v/v |
|                    |          |                      |               |                      |                     |                                | n-Propylbenzene                  | 207.2 ppb v/v |
|                    |          |                      |               |                      |                     |                                | Naphthalene                      | 210 ppb v/v   |
|                    |          |                      |               |                      |                     |                                | o-Xylene                         | 207.4 ppb v/v |
|                    |          |                      |               |                      |                     |                                | sec-Butylbenzene                 | 209.2 ppb v/v |
|                    |          |                      |               |                      |                     |                                | Styrene                          | 205.6 ppb v/v |
|                    |          |                      |               |                      |                     |                                | tert-Butyl alcohol               | 216 ppb v/v   |
|                    |          |                      |               |                      |                     |                                | tert-Butylbenzene                | 208 ppb v/v   |
|                    |          |                      |               |                      |                     |                                | Tetrachloroethene                | 209.4 ppb v/v |
|                    |          |                      |               |                      |                     |                                | Tetrahydrofuran                  | 196.2 ppb v/v |
|                    |          |                      |               |                      |                     |                                | Toluene                          | 204 ppb v/v   |
|                    |          |                      |               |                      |                     |                                | trans-1,2-Dichloroethene         | 206.6 ppb v/v |
|                    |          |                      |               |                      |                     |                                | trans-1,3-Dichloropropene        | 197 ppb v/v   |
|                    |          |                      |               |                      |                     |                                | Trichloroethene                  | 205.8 ppb v/v |
|                    |          |                      |               |                      |                     |                                | Trichlorofluoromethane           | 208.2 ppb v/v |
|                    |          |                      |               |                      |                     |                                | Vinyl chloride                   | 199.8 ppb v/v |
| ..ATTO15CALs_00040 | 12/13/20 | Linde, Lot CC-133603 |               |                      | (Purchased Reagent) | 1,1,1-Trichloroethane          | 1.032 ppm v/v                    |               |
|                    |          |                      |               |                      |                     | 1,1,2,2-Tetrachloroethane      | 1.035 ppm v/v                    |               |
|                    |          |                      |               |                      |                     | 1,1,2-Trichloroethane          | 1.049 ppm v/v                    |               |
|                    |          |                      |               |                      |                     | 1,1,2-Trichlorotrifluoroethane | 1.068 ppm v/v                    |               |
|                    |          |                      |               |                      |                     | 1,1-Dichloroethane             | 1.027 ppm v/v                    |               |
|                    |          |                      |               |                      |                     | 1,1-Dichloroethene             | 1.019 ppm v/v                    |               |
|                    |          |                      |               |                      |                     | 1,2,4-Trichlorobenzene         | 1.098 ppm v/v                    |               |
|                    |          |                      |               |                      |                     | 1,2,4-Trimethylbenzene         | 1.044 ppm v/v                    |               |
|                    |          |                      |               |                      |                     | 1,2-Dibromoethane              | 1.066 ppm v/v                    |               |
|                    |          |                      |               |                      |                     | 1,2-Dichlorobenzene            | 1.076 ppm v/v                    |               |
|                    |          |                      |               |                      |                     | 1,2-Dichloroethane             | 1.046 ppm v/v                    |               |
|                    |          |                      |               |                      |                     | 1,2-Dichloropropane            | 1.035 ppm v/v                    |               |
|                    |          |                      |               |                      |                     | 1,2-Dichlorotetrafluoroethane  | 1.059 ppm v/v                    |               |

# REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-56451-1

SDG No.: 200-56451-1

| Reagent ID | Exp Date | Prep Date | Dilutant Used | Reagent Final Volume | Parent Reagent |              | Analyte                                       | Concentration |
|------------|----------|-----------|---------------|----------------------|----------------|--------------|-----------------------------------------------|---------------|
|            |          |           |               |                      | Reagent ID     | Volume Added |                                               |               |
|            |          |           |               |                      |                |              | 1,3,5-Trimethylbenzene                        | 1.049 ppm v/v |
|            |          |           |               |                      |                |              | 1,3-Butadiene                                 | 0.97 ppm v/v  |
|            |          |           |               |                      |                |              | 1,3-Dichlorobenzene                           | 1.017 ppm v/v |
|            |          |           |               |                      |                |              | 1,4-Dichlorobenzene                           | 1.04 ppm v/v  |
|            |          |           |               |                      |                |              | 1,4-Dioxane                                   | 1.029 ppm v/v |
|            |          |           |               |                      |                |              | 2,2,4-Trimethylpentane                        | 1.014 ppm v/v |
|            |          |           |               |                      |                |              | 2-Chlorotoluene                               | 1.043 ppm v/v |
|            |          |           |               |                      |                |              | 3-Chloropropene                               | 1.073 ppm v/v |
|            |          |           |               |                      |                |              | 4-Ethyltoluene                                | 1.025 ppm v/v |
|            |          |           |               |                      |                |              | 4-Isopropyltoluene                            | 1.05 ppm v/v  |
|            |          |           |               |                      |                |              | 4-Methyl-2-pentanone (Methyl isobutyl ketone) | 1.019 ppm v/v |
|            |          |           |               |                      |                |              | Acetone                                       | 1.043 ppm v/v |
|            |          |           |               |                      |                |              | Benzene                                       | 1.039 ppm v/v |
|            |          |           |               |                      |                |              | Benzyl chloride                               | 1.016 ppm v/v |
|            |          |           |               |                      |                |              | Bromodichloromethane                          | 1.029 ppm v/v |
|            |          |           |               |                      |                |              | Bromoethene (Vinyl Bromide)                   | 1.005 ppm v/v |
|            |          |           |               |                      |                |              | Bromoform                                     | 1.03 ppm v/v  |
|            |          |           |               |                      |                |              | Bromomethane                                  | 1.04 ppm v/v  |
|            |          |           |               |                      |                |              | Carbon disulfide                              | 1.036 ppm v/v |
|            |          |           |               |                      |                |              | Carbon tetrachloride                          | 1.005 ppm v/v |
|            |          |           |               |                      |                |              | Chlorobenzene                                 | 1.05 ppm v/v  |
|            |          |           |               |                      |                |              | Chlorodifluoromethane                         | 1.058 ppm v/v |
|            |          |           |               |                      |                |              | Chloroethane                                  | 1.057 ppm v/v |
|            |          |           |               |                      |                |              | Chloroform                                    | 1.032 ppm v/v |
|            |          |           |               |                      |                |              | Chloromethane                                 | 0.994 ppm v/v |
|            |          |           |               |                      |                |              | cis-1,2-Dichloroethene                        | 1.037 ppm v/v |
|            |          |           |               |                      |                |              | cis-1,3-Dichloropropene                       | 0.994 ppm v/v |
|            |          |           |               |                      |                |              | Cumene                                        | 1.046 ppm v/v |
|            |          |           |               |                      |                |              | Cyclohexane                                   | 1.022 ppm v/v |
|            |          |           |               |                      |                |              | Dibromochloromethane                          | 1.06 ppm v/v  |
|            |          |           |               |                      |                |              | Dichlorodifluoromethane                       | 1.058 ppm v/v |
|            |          |           |               |                      |                |              | Ethylbenzene                                  | 1.023 ppm v/v |
|            |          |           |               |                      |                |              | Hexachlorobutadiene                           | 1.085 ppm v/v |
|            |          |           |               |                      |                |              | Isopropyl alcohol                             | 1.017 ppm v/v |
|            |          |           |               |                      |                |              | m,p-Xylene                                    | 2 ppm v/v     |
|            |          |           |               |                      |                |              | Methyl Butyl Ketone (2-Hexanone)              | 1.011 ppm v/v |
|            |          |           |               |                      |                |              | Methyl Ethyl Ketone (2-Butanone)              | 1.036 ppm v/v |
|            |          |           |               |                      |                |              | Methyl methacrylate                           | 1.021 ppm v/v |
|            |          |           |               |                      |                |              | Methyl tert-butyl ether                       | 1.056 ppm v/v |
|            |          |           |               |                      |                |              | Methylene Chloride                            | 1.025 ppm v/v |
|            |          |           |               |                      |                |              | n-Butane                                      | 1.03 ppm v/v  |
|            |          |           |               |                      |                |              | n-Butylbenzene                                | 1.051 ppm v/v |
|            |          |           |               |                      |                |              | n-Heptane                                     | 1.031 ppm v/v |
|            |          |           |               |                      |                |              | n-Hexane                                      | 1.047 ppm v/v |
|            |          |           |               |                      |                |              | n-Propylbenzene                               | 1.036 ppm v/v |



## REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-56451-1

SDG No.: 200-56451-1

| Reagent ID       | Exp Date | Prep Date | Dilutant Used    | Reagent Final Volume | Parent Reagent      |              | Analyte                        | Concentration   |
|------------------|----------|-----------|------------------|----------------------|---------------------|--------------|--------------------------------|-----------------|
|                  |          |           |                  |                      | Reagent ID          | Volume Added |                                |                 |
|                  |          |           |                  |                      |                     |              | Naphthalene                    | 1.05 ppm v/v    |
|                  |          |           |                  |                      |                     |              | o-Xylene                       | 1.037 ppm v/v   |
|                  |          |           |                  |                      |                     |              | sec-Butylbenzene               | 1.046 ppm v/v   |
|                  |          |           |                  |                      |                     |              | Styrene                        | 1.028 ppm v/v   |
|                  |          |           |                  |                      |                     |              | tert-Butyl alcohol             | 1.08 ppm v/v    |
|                  |          |           |                  |                      |                     |              | tert-Butylbenzene              | 1.04 ppm v/v    |
|                  |          |           |                  |                      |                     |              | Tetrachloroethene              | 1.047 ppm v/v   |
|                  |          |           |                  |                      |                     |              | Tetrahydrofuran                | 0.981 ppm v/v   |
|                  |          |           |                  |                      |                     |              | Toluene                        | 1.02 ppm v/v    |
|                  |          |           |                  |                      |                     |              | trans-1,2-Dichloroethene       | 1.033 ppm v/v   |
|                  |          |           |                  |                      |                     |              | trans-1,3-Dichloropropene      | 0.985 ppm v/v   |
|                  |          |           |                  |                      |                     |              | Trichloroethene                | 1.029 ppm v/v   |
|                  |          |           |                  |                      |                     |              | Trichlorofluoromethane         | 1.041 ppm v/v   |
| ATTO15LCSW_00817 | 03/14/21 | 12/14/20  | Nitrogen, Lot 13 | 15.463 L             | ATTO15LCSSTKi_00115 | 773 mL       | Vinyl chloride                 | 0.999 ppm v/v   |
|                  |          |           |                  |                      |                     |              | 1,1,1-Trichloroethane          | 10.318 ppb v/v  |
|                  |          |           |                  |                      |                     |              | 1,1,2,2-Tetrachloroethane      | 10.348 ppb v/v  |
|                  |          |           |                  |                      |                     |              | 1,1,2-Trichloroethane          | 10.488 ppb v/v  |
|                  |          |           |                  |                      |                     |              | 1,1,2-Trichlorotrifluoroethane | 10.6779 ppb v/v |
|                  |          |           |                  |                      |                     |              | 1,1-Dichloroethane             | 10.268 ppb v/v  |
|                  |          |           |                  |                      |                     |              | 1,1-Dichloroethene             | 10.188 ppb v/v  |
|                  |          |           |                  |                      |                     |              | 1,2,4-Trichlorobenzene         | 10.9779 ppb v/v |
|                  |          |           |                  |                      |                     |              | 1,2,4-Trimethylbenzene         | 10.438 ppb v/v  |
|                  |          |           |                  |                      |                     |              | 1,2-Dibromoethane              | 10.6579 ppb v/v |
|                  |          |           |                  |                      |                     |              | 1,2-Dichlorobenzene            | 10.7579 ppb v/v |
|                  |          |           |                  |                      |                     |              | 1,2-Dichloroethane             | 10.458 ppb v/v  |
|                  |          |           |                  |                      |                     |              | 1,2-Dichloropropane            | 10.348 ppb v/v  |
|                  |          |           |                  |                      |                     |              | 1,2-Dichlorotetrafluoroethane  | 10.5879 ppb v/v |
|                  |          |           |                  |                      |                     |              | 1,3,5-Trimethylbenzene         | 10.488 ppb v/v  |
|                  |          |           |                  |                      |                     |              | 1,3-Butadiene                  | 9.69812 ppb v/v |
|                  |          |           |                  |                      |                     |              | 1,3-Dichlorobenzene            | 10.168 ppb v/v  |
|                  |          |           |                  |                      |                     |              | 1,4-Dichlorobenzene            | 10.398 ppb v/v  |
|                  |          |           |                  |                      |                     |              | 1,4-Dioxane                    | 10.288 ppb v/v  |

# REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-56451-1

SDG No.: 200-56451-1

| Reagent ID | Exp Date | Prep Date | Dilutant Used | Reagent Final Volume | Parent Reagent |              | Analyte                                       | Concentration   |
|------------|----------|-----------|---------------|----------------------|----------------|--------------|-----------------------------------------------|-----------------|
|            |          |           |               |                      | Reagent ID     | Volume Added |                                               |                 |
|            |          |           |               |                      |                |              | 2,2,4-Trimethylpentane                        | 10.138 ppb v/v  |
|            |          |           |               |                      |                |              | 2-Chlorotoluene                               | 10.428 ppb v/v  |
|            |          |           |               |                      |                |              | 3-Chloropropene                               | 10.7279 ppb v/v |
|            |          |           |               |                      |                |              | 4-Ethyltoluene                                | 10.248 ppb v/v  |
|            |          |           |               |                      |                |              | 4-Isopropyltoluene                            | 10.498 ppb v/v  |
|            |          |           |               |                      |                |              | 4-Methyl-2-pentanone (Methyl isobutyl ketone) | 10.188 ppb v/v  |
|            |          |           |               |                      |                |              | Acetone                                       | 10.428 ppb v/v  |
|            |          |           |               |                      |                |              | Benzene                                       | 10.388 ppb v/v  |
|            |          |           |               |                      |                |              | Benzyl chloride                               | 10.158 ppb v/v  |
|            |          |           |               |                      |                |              | Bromodichloromethane                          | 10.288 ppb v/v  |
|            |          |           |               |                      |                |              | Bromoethene (Vinyl Bromide)                   | 10.0481 ppb v/v |
|            |          |           |               |                      |                |              | Bromoform                                     | 10.298 ppb v/v  |
|            |          |           |               |                      |                |              | Bromomethane                                  | 10.398 ppb v/v  |
|            |          |           |               |                      |                |              | Carbon disulfide                              | 10.358 ppb v/v  |
|            |          |           |               |                      |                |              | Carbon tetrachloride                          | 10.0481 ppb v/v |
|            |          |           |               |                      |                |              | Chlorobenzene                                 | 10.498 ppb v/v  |
|            |          |           |               |                      |                |              | Chlorodifluoromethane                         | 10.5779 ppb v/v |
|            |          |           |               |                      |                |              | Chloroethane                                  | 10.5679 ppb v/v |
|            |          |           |               |                      |                |              | Chloroform                                    | 10.318 ppb v/v  |
|            |          |           |               |                      |                |              | Chloromethane                                 | 9.93807 ppb v/v |
|            |          |           |               |                      |                |              | cis-1,2-Dichloroethene                        | 10.368 ppb v/v  |
|            |          |           |               |                      |                |              | cis-1,3-Dichloropropene                       | 9.93807 ppb v/v |
|            |          |           |               |                      |                |              | Cumene                                        | 10.458 ppb v/v  |
|            |          |           |               |                      |                |              | Cyclohexane                                   | 10.218 ppb v/v  |
|            |          |           |               |                      |                |              | Dibromochloromethane                          | 10.5979 ppb v/v |

## REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-56451-1

SDG No.: 200-56451-1

| Reagent ID | Exp Date | Prep Date | Dilutant Used | Reagent Final Volume | Parent Reagent |              | Analyte                          | Concentration   |
|------------|----------|-----------|---------------|----------------------|----------------|--------------|----------------------------------|-----------------|
|            |          |           |               |                      | Reagent ID     | Volume Added |                                  |                 |
|            |          |           |               |                      |                |              | Dichlorodifluoromethane          | 10.5779 ppb v/v |
|            |          |           |               |                      |                |              | Ethylbenzene                     | 10.228 ppb v/v  |
|            |          |           |               |                      |                |              | Hexachlorobutadiene              | 10.8479 ppb v/v |
|            |          |           |               |                      |                |              | Isopropyl alcohol                | 10.168 ppb v/v  |
|            |          |           |               |                      |                |              | m,p-Xylene                       | 19.9961 ppb v/v |
|            |          |           |               |                      |                |              | Methyl Butyl Ketone (2-Hexanone) | 10.108 ppb v/v  |
|            |          |           |               |                      |                |              | Methyl Ethyl Ketone (2-Butanone) | 10.358 ppb v/v  |
|            |          |           |               |                      |                |              | Methyl methacrylate              | 10.208 ppb v/v  |
|            |          |           |               |                      |                |              | Methyl tert-butyl ether          | 10.558 ppb v/v  |
|            |          |           |               |                      |                |              | Methylene Chloride               | 10.248 ppb v/v  |
|            |          |           |               |                      |                |              | n-Butane                         | 10.298 ppb v/v  |
|            |          |           |               |                      |                |              | n-Butylbenzene                   | 10.508 ppb v/v  |
|            |          |           |               |                      |                |              | n-Heptane                        | 10.308 ppb v/v  |
|            |          |           |               |                      |                |              | n-Hexane                         | 10.468 ppb v/v  |
|            |          |           |               |                      |                |              | n-Propylbenzene                  | 10.358 ppb v/v  |
|            |          |           |               |                      |                |              | Naphthalene                      | 10.498 ppb v/v  |
|            |          |           |               |                      |                |              | o-Xylene                         | 10.368 ppb v/v  |
|            |          |           |               |                      |                |              | sec-Butylbenzene                 | 10.458 ppb v/v  |
|            |          |           |               |                      |                |              | Styrene                          | 10.278 ppb v/v  |
|            |          |           |               |                      |                |              | tert-Butyl alcohol               | 10.7979 ppb v/v |
|            |          |           |               |                      |                |              | tert-Butylbenzene                | 10.398 ppb v/v  |
|            |          |           |               |                      |                |              | Tetrachloroethene                | 10.468 ppb v/v  |
|            |          |           |               |                      |                |              | Tetrahydrofuran                  | 9.8081 ppb v/v  |
|            |          |           |               |                      |                |              | Toluene                          | 10.198 ppb v/v  |
|            |          |           |               |                      |                |              | trans-1,2-Dichloroethene         | 10.328 ppb v/v  |

## REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-56451-1

SDG No.: 200-56451-1

| Reagent ID           | Exp Date | Prep Date | Dilutant Used    | Reagent Final Volume | Parent Reagent   |              | Analyte                                       | Concentration   |
|----------------------|----------|-----------|------------------|----------------------|------------------|--------------|-----------------------------------------------|-----------------|
|                      |          |           |                  |                      | Reagent ID       | Volume Added |                                               |                 |
|                      |          |           |                  |                      |                  |              | trans-1,3-Dichloropropene                     | 9.84809 ppb v/v |
|                      |          |           |                  |                      |                  |              | Trichloroethene                               | 10.288 ppb v/v  |
|                      |          |           |                  |                      |                  |              | Trichlorofluoromethane                        | 10.408 ppb v/v  |
|                      |          |           |                  |                      |                  |              | Vinyl chloride                                | 9.98806 ppb v/v |
| .ATTO15LCSSTKi_00115 | 03/14/21 | 12/14/20  | Nitrogen, Lot 12 | 37.5 L               | ATTO15CALs_00043 | 7500 mL      | 1,1,1-Trichloroethane                         | 206.4 ppb v/v   |
|                      |          |           |                  |                      |                  |              | 1,1,2,2-Tetrachloroethane                     | 207 ppb v/v     |
|                      |          |           |                  |                      |                  |              | 1,1,2-Trichloroethane                         | 209.8 ppb v/v   |
|                      |          |           |                  |                      |                  |              | 1,1,2-Trichlorotrifluoroethane                | 213.6 ppb v/v   |
|                      |          |           |                  |                      |                  |              | 1,1-Dichloroethane                            | 205.4 ppb v/v   |
|                      |          |           |                  |                      |                  |              | 1,1-Dichloroethene                            | 203.8 ppb v/v   |
|                      |          |           |                  |                      |                  |              | 1,2,4-Trichlorobenzene                        | 219.6 ppb v/v   |
|                      |          |           |                  |                      |                  |              | 1,2,4-Trimethylbenzene                        | 208.8 ppb v/v   |
|                      |          |           |                  |                      |                  |              | 1,2-Dibromoethane                             | 213.2 ppb v/v   |
|                      |          |           |                  |                      |                  |              | 1,2-Dichlorobenzene                           | 215.2 ppb v/v   |
|                      |          |           |                  |                      |                  |              | 1,2-Dichloroethane                            | 209.2 ppb v/v   |
|                      |          |           |                  |                      |                  |              | 1,2-Dichloropropane                           | 207 ppb v/v     |
|                      |          |           |                  |                      |                  |              | 1,2-Dichlorotetrafluoroethane                 | 211.8 ppb v/v   |
|                      |          |           |                  |                      |                  |              | 1,3,5-Trimethylbenzene                        | 209.8 ppb v/v   |
|                      |          |           |                  |                      |                  |              | 1,3-Butadiene                                 | 194 ppb v/v     |
|                      |          |           |                  |                      |                  |              | 1,3-Dichlorobenzene                           | 203.4 ppb v/v   |
|                      |          |           |                  |                      |                  |              | 1,4-Dichlorobenzene                           | 208 ppb v/v     |
|                      |          |           |                  |                      |                  |              | 1,4-Dioxane                                   | 205.8 ppb v/v   |
|                      |          |           |                  |                      |                  |              | 2,2,4-Trimethylpentane                        | 202.8 ppb v/v   |
|                      |          |           |                  |                      |                  |              | 2-Chlorotoluene                               | 208.6 ppb v/v   |
|                      |          |           |                  |                      |                  |              | 3-Chloropropene                               | 214.6 ppb v/v   |
|                      |          |           |                  |                      |                  |              | 4-Ethyltoluene                                | 205 ppb v/v     |
|                      |          |           |                  |                      |                  |              | 4-Isopropyltoluene                            | 210 ppb v/v     |
|                      |          |           |                  |                      |                  |              | 4-Methyl-2-pentanone (Methyl isobutyl ketone) | 203.8 ppb v/v   |
|                      |          |           |                  |                      |                  |              | Acetone                                       | 208.6 ppb v/v   |
|                      |          |           |                  |                      |                  |              | Benzene                                       | 207.8 ppb v/v   |
|                      |          |           |                  |                      |                  |              | Benzyl chloride                               | 203.2 ppb v/v   |
|                      |          |           |                  |                      |                  |              | Bromodichloromethane                          | 205.8 ppb v/v   |
|                      |          |           |                  |                      |                  |              | Bromoethene (Vinyl Bromide)                   | 201 ppb v/v     |
|                      |          |           |                  |                      |                  |              | Bromoform                                     | 206 ppb v/v     |
|                      |          |           |                  |                      |                  |              | Bromomethane                                  | 208 ppb v/v     |
|                      |          |           |                  |                      |                  |              | Carbon disulfide                              | 207.2 ppb v/v   |
|                      |          |           |                  |                      |                  |              | Carbon tetrachloride                          | 201 ppb v/v     |
|                      |          |           |                  |                      |                  |              | Chlorobenzene                                 | 210 ppb v/v     |
|                      |          |           |                  |                      |                  |              | Chlorodifluoromethane                         | 211.6 ppb v/v   |
|                      |          |           |                  |                      |                  |              | Chloroethane                                  | 211.4 ppb v/v   |
|                      |          |           |                  |                      |                  |              | Chloroform                                    | 206.4 ppb v/v   |
|                      |          |           |                  |                      |                  |              | Chloromethane                                 | 198.8 ppb v/v   |
|                      |          |           |                  |                      |                  |              | cis-1,2-Dichloroethene                        | 207.4 ppb v/v   |

## REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-56451-1

SDG No.: 200-56451-1

| Reagent ID         | Exp Date | Prep Date            | Dilutant Used | Reagent Final Volume | Parent Reagent      |              | Analyte                          | Concentration |
|--------------------|----------|----------------------|---------------|----------------------|---------------------|--------------|----------------------------------|---------------|
|                    |          |                      |               |                      | Reagent ID          | Volume Added |                                  |               |
|                    |          |                      |               |                      |                     |              | cis-1,3-Dichloropropene          | 198.8 ppb v/v |
|                    |          |                      |               |                      |                     |              | Cumene                           | 209.2 ppb v/v |
|                    |          |                      |               |                      |                     |              | Cyclohexane                      | 204.4 ppb v/v |
|                    |          |                      |               |                      |                     |              | Dibromochloromethane             | 212 ppb v/v   |
|                    |          |                      |               |                      |                     |              | Dichlorodifluoromethane          | 211.6 ppb v/v |
|                    |          |                      |               |                      |                     |              | Ethylbenzene                     | 204.6 ppb v/v |
|                    |          |                      |               |                      |                     |              | Hexachlorobutadiene              | 217 ppb v/v   |
|                    |          |                      |               |                      |                     |              | Isopropyl alcohol                | 203.4 ppb v/v |
|                    |          |                      |               |                      |                     |              | m,p-Xylene                       | 400 ppb v/v   |
|                    |          |                      |               |                      |                     |              | Methyl Butyl Ketone (2-Hexanone) | 202.2 ppb v/v |
|                    |          |                      |               |                      |                     |              | Methyl Ethyl Ketone (2-Butanone) | 207.2 ppb v/v |
|                    |          |                      |               |                      |                     |              | Methyl methacrylate              | 204.2 ppb v/v |
|                    |          |                      |               |                      |                     |              | Methyl tert-butyl ether          | 211.2 ppb v/v |
|                    |          |                      |               |                      |                     |              | Methylene Chloride               | 205 ppb v/v   |
|                    |          |                      |               |                      |                     |              | n-Butane                         | 206 ppb v/v   |
|                    |          |                      |               |                      |                     |              | n-Butylbenzene                   | 210.2 ppb v/v |
|                    |          |                      |               |                      |                     |              | n-Heptane                        | 206.2 ppb v/v |
|                    |          |                      |               |                      |                     |              | n-Hexane                         | 209.4 ppb v/v |
|                    |          |                      |               |                      |                     |              | n-Propylbenzene                  | 207.2 ppb v/v |
|                    |          |                      |               |                      |                     |              | Naphthalene                      | 210 ppb v/v   |
|                    |          |                      |               |                      |                     |              | o-Xylene                         | 207.4 ppb v/v |
|                    |          |                      |               |                      |                     |              | sec-Butylbenzene                 | 209.2 ppb v/v |
|                    |          |                      |               |                      |                     |              | Styrene                          | 205.6 ppb v/v |
|                    |          |                      |               |                      |                     |              | tert-Butyl alcohol               | 216 ppb v/v   |
|                    |          |                      |               |                      |                     |              | tert-Butylbenzene                | 208 ppb v/v   |
|                    |          |                      |               |                      |                     |              | Tetrachloroethene                | 209.4 ppb v/v |
|                    |          |                      |               |                      |                     |              | Tetrahydrofuran                  | 196.2 ppb v/v |
|                    |          |                      |               |                      |                     |              | Toluene                          | 204 ppb v/v   |
|                    |          |                      |               |                      |                     |              | trans-1,2-Dichloroethene         | 206.6 ppb v/v |
|                    |          |                      |               |                      |                     |              | trans-1,3-Dichloropropene        | 197 ppb v/v   |
|                    |          |                      |               |                      |                     |              | Trichloroethene                  | 205.8 ppb v/v |
|                    |          |                      |               |                      |                     |              | Trichlorofluoromethane           | 208.2 ppb v/v |
|                    |          |                      |               |                      |                     |              | Vinyl chloride                   | 199.8 ppb v/v |
| ..ATTO15CALs_00043 | 12/14/21 | Linde, Lot CC-133603 |               |                      | (Purchased Reagent) |              | 1,1,1-Trichloroethane            | 1.032 ppm v/v |
|                    |          |                      |               |                      |                     |              | 1,1,2,2-Tetrachloroethane        | 1.035 ppm v/v |
|                    |          |                      |               |                      |                     |              | 1,1,2-Trichloroethane            | 1.049 ppm v/v |
|                    |          |                      |               |                      |                     |              | 1,1,2-Trichlorotrifluoroethane   | 1.068 ppm v/v |
|                    |          |                      |               |                      |                     |              | 1,1-Dichloroethane               | 1.027 ppm v/v |
|                    |          |                      |               |                      |                     |              | 1,1-Dichloroethene               | 1.019 ppm v/v |
|                    |          |                      |               |                      |                     |              | 1,2,4-Trichlorobenzene           | 1.098 ppm v/v |
|                    |          |                      |               |                      |                     |              | 1,2,4-Trimethylbenzene           | 1.044 ppm v/v |
|                    |          |                      |               |                      |                     |              | 1,2-Dibromoethane                | 1.066 ppm v/v |
|                    |          |                      |               |                      |                     |              | 1,2-Dichlorobenzene              | 1.076 ppm v/v |
|                    |          |                      |               |                      |                     |              | 1,2-Dichloroethane               | 1.046 ppm v/v |
|                    |          |                      |               |                      |                     |              | 1,2-Dichloropropane              | 1.035 ppm v/v |
|                    |          |                      |               |                      |                     |              | 1,2-Dichlorotetrafluoroethane    | 1.059 ppm v/v |

## REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-56451-1

SDG No.: 200-56451-1

| Reagent ID | Exp Date | Prep Date | Dilutant Used | Reagent Final Volume | Parent Reagent |              | Analyte                                       | Concentration |
|------------|----------|-----------|---------------|----------------------|----------------|--------------|-----------------------------------------------|---------------|
|            |          |           |               |                      | Reagent ID     | Volume Added |                                               |               |
|            |          |           |               |                      |                |              | 1,3,5-Trimethylbenzene                        | 1.049 ppm v/v |
|            |          |           |               |                      |                |              | 1,3-Butadiene                                 | 0.97 ppm v/v  |
|            |          |           |               |                      |                |              | 1,3-Dichlorobenzene                           | 1.017 ppm v/v |
|            |          |           |               |                      |                |              | 1,4-Dichlorobenzene                           | 1.04 ppm v/v  |
|            |          |           |               |                      |                |              | 1,4-Dioxane                                   | 1.029 ppm v/v |
|            |          |           |               |                      |                |              | 2,2,4-Trimethylpentane                        | 1.014 ppm v/v |
|            |          |           |               |                      |                |              | 2-Chlorotoluene                               | 1.043 ppm v/v |
|            |          |           |               |                      |                |              | 3-Chloropropene                               | 1.073 ppm v/v |
|            |          |           |               |                      |                |              | 4-Ethyltoluene                                | 1.025 ppm v/v |
|            |          |           |               |                      |                |              | 4-Isopropyltoluene                            | 1.05 ppm v/v  |
|            |          |           |               |                      |                |              | 4-Methyl-2-pentanone (Methyl isobutyl ketone) | 1.019 ppm v/v |
|            |          |           |               |                      |                |              | Acetone                                       | 1.043 ppm v/v |
|            |          |           |               |                      |                |              | Benzene                                       | 1.039 ppm v/v |
|            |          |           |               |                      |                |              | Benzyl chloride                               | 1.016 ppm v/v |
|            |          |           |               |                      |                |              | Bromodichloromethane                          | 1.029 ppm v/v |
|            |          |           |               |                      |                |              | Bromoethene (Vinyl Bromide)                   | 1.005 ppm v/v |
|            |          |           |               |                      |                |              | Bromoform                                     | 1.03 ppm v/v  |
|            |          |           |               |                      |                |              | Bromomethane                                  | 1.04 ppm v/v  |
|            |          |           |               |                      |                |              | Carbon disulfide                              | 1.036 ppm v/v |
|            |          |           |               |                      |                |              | Carbon tetrachloride                          | 1.005 ppm v/v |
|            |          |           |               |                      |                |              | Chlorobenzene                                 | 1.05 ppm v/v  |
|            |          |           |               |                      |                |              | Chlorodifluoromethane                         | 1.058 ppm v/v |
|            |          |           |               |                      |                |              | Chloroethane                                  | 1.057 ppm v/v |
|            |          |           |               |                      |                |              | Chloroform                                    | 1.032 ppm v/v |
|            |          |           |               |                      |                |              | Chloromethane                                 | 0.994 ppm v/v |
|            |          |           |               |                      |                |              | cis-1,2-Dichloroethene                        | 1.037 ppm v/v |
|            |          |           |               |                      |                |              | cis-1,3-Dichloropropene                       | 0.994 ppm v/v |
|            |          |           |               |                      |                |              | Cumene                                        | 1.046 ppm v/v |
|            |          |           |               |                      |                |              | Cyclohexane                                   | 1.022 ppm v/v |
|            |          |           |               |                      |                |              | Dibromochloromethane                          | 1.06 ppm v/v  |
|            |          |           |               |                      |                |              | Dichlorodifluoromethane                       | 1.058 ppm v/v |
|            |          |           |               |                      |                |              | Ethylbenzene                                  | 1.023 ppm v/v |
|            |          |           |               |                      |                |              | Hexachlorobutadiene                           | 1.085 ppm v/v |
|            |          |           |               |                      |                |              | Isopropyl alcohol                             | 1.017 ppm v/v |
|            |          |           |               |                      |                |              | m,p-Xylene                                    | 2 ppm v/v     |
|            |          |           |               |                      |                |              | Methyl Butyl Ketone (2-Hexanone)              | 1.011 ppm v/v |
|            |          |           |               |                      |                |              | Methyl Ethyl Ketone (2-Butanone)              | 1.036 ppm v/v |
|            |          |           |               |                      |                |              | Methyl methacrylate                           | 1.021 ppm v/v |
|            |          |           |               |                      |                |              | Methyl tert-butyl ether                       | 1.056 ppm v/v |
|            |          |           |               |                      |                |              | Methylene Chloride                            | 1.025 ppm v/v |
|            |          |           |               |                      |                |              | n-Butane                                      | 1.03 ppm v/v  |
|            |          |           |               |                      |                |              | n-Butylbenzene                                | 1.051 ppm v/v |
|            |          |           |               |                      |                |              | n-Heptane                                     | 1.031 ppm v/v |
|            |          |           |               |                      |                |              | n-Hexane                                      | 1.047 ppm v/v |
|            |          |           |               |                      |                |              | n-Propylbenzene                               | 1.036 ppm v/v |

# REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-56451-1

SDG No.: 200-56451-1

| Reagent ID       | Exp Date | Prep Date | Dilutant Used | Reagent Final Volume | Parent Reagent |              | Analyte                         | Concentration |
|------------------|----------|-----------|---------------|----------------------|----------------|--------------|---------------------------------|---------------|
|                  |          |           |               |                      | Reagent ID     | Volume Added |                                 |               |
|                  |          |           |               |                      |                |              | Naphthalene                     | 1.05 ppm v/v  |
|                  |          |           |               |                      |                |              | o-Xylene                        | 1.037 ppm v/v |
|                  |          |           |               |                      |                |              | sec-Butylbenzene                | 1.046 ppm v/v |
|                  |          |           |               |                      |                |              | Styrene                         | 1.028 ppm v/v |
|                  |          |           |               |                      |                |              | tert-Butyl alcohol              | 1.08 ppm v/v  |
|                  |          |           |               |                      |                |              | tert-Butylbenzene               | 1.04 ppm v/v  |
|                  |          |           |               |                      |                |              | Tetrachloroethene               | 1.047 ppm v/v |
|                  |          |           |               |                      |                |              | Tetrahydrofuran                 | 0.981 ppm v/v |
|                  |          |           |               |                      |                |              | Toluene                         | 1.02 ppm v/v  |
|                  |          |           |               |                      |                |              | trans-1,2-Dichloroethene        | 1.033 ppm v/v |
|                  |          |           |               |                      |                |              | trans-1,3-Dichloropropene       | 0.985 ppm v/v |
|                  |          |           |               |                      |                |              | Trichloroethene                 | 1.029 ppm v/v |
|                  |          |           |               |                      |                |              | Trichlorofluoromethane          | 1.041 ppm v/v |
|                  |          |           |               |                      |                |              | Vinyl chloride                  | 0.999 ppm v/v |
| ATTO15WISs_00009 |          |           |               |                      |                |              | 1,2-Dichloroethene, Total       |               |
|                  |          |           |               |                      |                |              | 1,4-Difluorobenzene             | 100 ppb v/v   |
|                  |          |           |               |                      |                |              | BFB                             | 100 ppb v/v   |
|                  |          |           |               |                      |                |              | Chlorobenzene-d5                | 100 ppb v/v   |
|                  |          |           |               |                      |                |              | Chlorobromomethane              | 100 ppb v/v   |
|                  |          |           |               |                      |                |              | Tentatively Identified Compound |               |
|                  |          |           |               |                      |                |              | Total Alkanes                   |               |
|                  |          |           |               |                      |                |              | Xylenes, Total                  |               |

Reagent

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**ATTO15CALs\_00042**




**Reagent ID: 40XX200tankD\_00001**

Description: 200ppb v/v Tank D Bur Recert  
 No. of Bottles: 1  
 Storage Location: Ambient Air Canister Reagent Storage  
 Reagent Volume: 36.700 psi absolute  
 Creation Date: 12/07/2020  
 Open Date:  
 Container(s): 343746  
 Comment: Adjusted for nominal value of 200 ppb v/v can SN1652

Expiration Date: 02/07/2021  
 Laboratory: Eurofins TestAmerica, Knoxville  
 Prepared By: Barlozhetskaya, Anna F  
 Solvent: Nitrogen  
 Solvent Lot: Dewar

### Reagent Analyte Information

| Analyte                                | Source ID        | Source Exp. Date | Source Conc. | Source Conc. Units | Final Conc. | Final Conc. Units |
|----------------------------------------|------------------|------------------|--------------|--------------------|-------------|-------------------|
| 1,1,1-Trichloroethane                  | 40MXTANKDP_00008 | 11/25/2021       | 1.00000      | ppm v/v            | 200.00000   | ppb v/v           |
| 1,1,2,2-Tetrachloroethane              | 40MXTANKDP_00008 | 11/25/2021       | 1.00000      | ppm v/v            | 200.00000   | ppb v/v           |
| 1,1,2-Trichloro-1,2,2-trifluoroethane  | 40MXTANKDP_00008 | 11/25/2021       | 1.00000      | ppm v/v            | 200.00000   | ppb v/v           |
| 1,1,2-Trichloroethane                  | 40MXTANKDP_00008 | 11/25/2021       | 1.00000      | ppm v/v            | 200.00000   | ppb v/v           |
| 1,1-Dichloroethane                     | 40MXTANKDP_00008 | 11/25/2021       | 1.00000      | ppm v/v            | 200.00000   | ppb v/v           |
| 1,1-Dichloroethene                     | 40MXTANKDP_00008 | 11/25/2021       | 1.00000      | ppm v/v            | 200.00000   | ppb v/v           |
| 1,2,3-Trichlorobenzene                 | 40MXTANKDP_00008 | 11/25/2021       | 1.00000      | ppm v/v            | 200.00000   | ppb v/v           |
| 1,2,3-Trichloropropane                 | 40MXTANKDP_00008 | 11/25/2021       | 1.00000      | ppm v/v            | 200.00000   | ppb v/v           |
| 1,2,4-Trichlorobenzene                 | 40MXTANKDP_00008 | 11/25/2021       | 1.00000      | ppm v/v            | 200.00000   | ppb v/v           |
| 1,2,4-Trimethylbenzene                 | 40MXTANKDP_00008 | 11/25/2021       | 1.00000      | ppm v/v            | 200.00000   | ppb v/v           |
| 1,2-Dichloro-1,1,2,2-tetrafluoroethane | 40MXTANKDP_00008 | 11/25/2021       | 1.00000      | ppm v/v            | 200.00000   | ppb v/v           |
| 1,2-Dichlorobenzene                    | 40MXTANKDP_00008 | 11/25/2021       | 1.00000      | ppm v/v            | 200.00000   | ppb v/v           |
| 1,2-Dichloroethane                     | 40MXTANKDP_00008 | 11/25/2021       | 1.00000      | ppm v/v            | 200.00000   | ppb v/v           |
| 1,2-Dichloroethene, Total              | 40MXTANKDP_00008 | 11/25/2021       | 2.00000      | ppm v/v            | 400.00000   | ppb v/v           |
| 1,2-Dichloropropane                    | 40MXTANKDP_00008 | 11/25/2021       | 1.00000      | ppm v/v            | 200.00000   | ppb v/v           |
| 1,3,5-Trimethylbenzene                 | 40MXTANKDP_00008 | 11/25/2021       | 1.00000      | ppm v/v            | 200.00000   | ppb v/v           |
| 1,3-Dichlorobenzene                    | 40MXTANKDP_00008 | 11/25/2021       | 1.00000      | ppm v/v            | 200.00000   | ppb v/v           |
| 1,4-Dichlorobenzene                    | 40MXTANKDP_00008 | 11/25/2021       | 1.00000      | ppm v/v            | 200.00000   | ppb v/v           |


**Reagent ID: 40XX200tankD\_00001**

Description: 200ppb v/v Tank D Bur Recert  
 No. of Bottles: 1  
 Storage Location: Ambient Air Canister Reagent Storage  
 Reagent Volume: 36.700 psi absolute  
 Creation Date: 12/07/2020  
 Open Date:  
 Container(s): 343746  
 Comment: Adjusted for nominal value of 200 ppb v/v can SN1652

Expiration Date: 02/07/2021  
 Laboratory: Eurofins TestAmerica, Knoxville  
 Prepared By: Barlozhetskaya, Anna F  
 Solvent: Nitrogen  
 Solvent Lot: Dewar

### Reagent Analyte Information

| Analyte                     | Source ID        | Source Exp. Date | Source Conc. | Source Conc. Units | Final Conc. | Final Conc. Units |
|-----------------------------|------------------|------------------|--------------|--------------------|-------------|-------------------|
| 1,4-Dioxane                 | 40MXTANKDP_00008 | 11/25/2021       | 1.00000      | ppm v/v            | 200.00000   | ppb v/v           |
| 2-Butanone (MEK)            | 40MXTANKDP_00008 | 11/25/2021       | 1.00000      | ppm v/v            | 200.00000   | ppb v/v           |
| 2-Chlorotoluene             | 40MXTANKDP_00008 | 11/25/2021       | 1.00000      | ppm v/v            | 200.00000   | ppb v/v           |
| 2-Hexanone                  | 40MXTANKDP_00008 | 11/25/2021       | 1.00000      | ppm v/v            | 200.00000   | ppb v/v           |
| 2-Methyl-2-propanol         | 40MXTANKDP_00008 | 11/25/2021       | 1.00000      | ppm v/v            | 200.00000   | ppb v/v           |
| 2-Methylbutane              | 40MXTANKDP_00008 | 11/25/2021       | 1.00000      | ppm v/v            | 200.00000   | ppb v/v           |
| 3-Chloro-1-propene          | 40MXTANKDP_00008 | 11/25/2021       | 1.00000      | ppm v/v            | 200.00000   | ppb v/v           |
| 4-Ethyltoluene              | 40MXTANKDP_00008 | 11/25/2021       | 1.00000      | ppm v/v            | 200.00000   | ppb v/v           |
| 4-Isopropyltoluene          | 40MXTANKDP_00008 | 11/25/2021       | 1.00000      | ppm v/v            | 200.00000   | ppb v/v           |
| 4-Methyl-2-pentanone (MIBK) | 40MXTANKDP_00008 | 11/25/2021       | 1.00000      | ppm v/v            | 200.00000   | ppb v/v           |
| Acetone                     | 40MXTANKDP_00008 | 11/25/2021       | 1.00000      | ppm v/v            | 200.00000   | ppb v/v           |
| Acetonitrile                | 40MXTANKDP_00008 | 11/25/2021       | 1.00000      | ppm v/v            | 200.00000   | ppb v/v           |
| Acrolein                    | 40MXTANKDP_00008 | 11/25/2021       | 1.00000      | ppm v/v            | 200.00000   | ppb v/v           |
| Acrylonitrile               | 40MXTANKDP_00008 | 11/25/2021       | 1.00000      | ppm v/v            | 200.00000   | ppb v/v           |
| Alpha Methyl Styrene        | 40MXTANKDP_00008 | 11/25/2021       | 1.00000      | ppm v/v            | 200.00000   | ppb v/v           |
| Benzene                     | 40MXTANKDP_00008 | 11/25/2021       | 1.00000      | ppm v/v            | 200.00000   | ppb v/v           |
| Benzyl chloride             | 40MXTANKDP_00008 | 11/25/2021       | 1.00000      | ppm v/v            | 200.00000   | ppb v/v           |
| Bromoform                   | 40MXTANKDP_00008 | 11/25/2021       | 1.00000      | ppm v/v            | 200.00000   | ppb v/v           |


**Reagent ID: 40XX200tankD\_00001**

Description: 200ppb v/v Tank D Bur Recert  
 No. of Bottles: 1  
 Storage Location: Ambient Air Canister Reagent Storage  
 Reagent Volume: 36.700 psi absolute  
 Creation Date: 12/07/2020  
 Open Date:  
 Container(s): 343746  
 Comment: Adjusted for nominal value of 200 ppb v/v can SN1652

Expiration Date: 02/07/2021  
 Laboratory: Eurofins TestAmerica, Knoxville  
 Prepared By: Barlozhetskaya, Anna F  
 Solvent: Nitrogen  
 Solvent Lot: Dewar

### Reagent Analyte Information

| Analyte                 | Source ID        | Source Exp. Date | Source Conc. | Source Conc. Units | Final Conc. | Final Conc. Units |
|-------------------------|------------------|------------------|--------------|--------------------|-------------|-------------------|
| Bromomethane            | 40MXTANKDP_00008 | 11/25/2021       | 1.00000      | ppm v/v            | 200.00000   | ppb v/v           |
| Butadiene               | 40MXTANKDP_00008 | 11/25/2021       | 1.00000      | ppm v/v            | 200.00000   | ppb v/v           |
| Butane                  | 40MXTANKDP_00008 | 11/25/2021       | 1.00000      | ppm v/v            | 200.00000   | ppb v/v           |
| C6 Range                | 40MXTANKDP_00008 | 11/25/2021       | 1.00000      | ppm v/v            | 200.00000   | ppb v/v           |
| C8 Range                | 40MXTANKDP_00008 | 11/25/2021       | 1.00000      | ppm v/v            | 200.00000   | ppb v/v           |
| Carbon disulfide        | 40MXTANKDP_00008 | 11/25/2021       | 1.00000      | ppm v/v            | 200.00000   | ppb v/v           |
| Carbon tetrachloride    | 40MXTANKDP_00008 | 11/25/2021       | 1.00000      | ppm v/v            | 200.00000   | ppb v/v           |
| Chlorobenzene           | 40MXTANKDP_00008 | 11/25/2021       | 1.00000      | ppm v/v            | 200.00000   | ppb v/v           |
| Chlorodibromomethane    | 40MXTANKDP_00008 | 11/25/2021       | 1.00000      | ppm v/v            | 200.00000   | ppb v/v           |
| Chlorodifluoromethane   | 40MXTANKDP_00008 | 11/25/2021       | 1.00000      | ppm v/v            | 200.00000   | ppb v/v           |
| Chloroethane            | 40MXTANKDP_00008 | 11/25/2021       | 1.00000      | ppm v/v            | 200.00000   | ppb v/v           |
| Chloroform              | 40MXTANKDP_00008 | 11/25/2021       | 1.00000      | ppm v/v            | 200.00000   | ppb v/v           |
| Chloromethane           | 40MXTANKDP_00008 | 11/25/2021       | 1.00000      | ppm v/v            | 200.00000   | ppb v/v           |
| cis-1,2-Dichloroethene  | 40MXTANKDP_00008 | 11/25/2021       | 1.00000      | ppm v/v            | 200.00000   | ppb v/v           |
| cis-1,3-Dichloropropene | 40MXTANKDP_00008 | 11/25/2021       | 1.00000      | ppm v/v            | 200.00000   | ppb v/v           |
| Cyclohexane             | 40MXTANKDP_00008 | 11/25/2021       | 1.00000      | ppm v/v            | 200.00000   | ppb v/v           |
| Dibromomethane          | 40MXTANKDP_00008 | 11/25/2021       | 1.00000      | ppm v/v            | 200.00000   | ppb v/v           |
| Dichlorobromomethane    | 40MXTANKDP_00008 | 11/25/2021       | 1.00000      | ppm v/v            | 200.00000   | ppb v/v           |


**Reagent ID: 40XX200tankD\_00001**

Description: 200ppb v/v Tank D Bur Recert  
 No. of Bottles: 1  
 Storage Location: Ambient Air Canister Reagent Storage  
 Reagent Volume: 36.700 psi absolute  
 Creation Date: 12/07/2020  
 Open Date:  
 Container(s): 343746  
 Comment: Adjusted for nominal value of 200 ppb v/v can SN1652

Expiration Date: 02/07/2021  
 Laboratory: Eurofins TestAmerica, Knoxville  
 Prepared By: Barlozhetskaya, Anna F  
 Solvent: Nitrogen  
 Solvent Lot: Dewar

### Reagent Analyte Information

| Analyte                 | Source ID        | Source Exp. Date | Source Conc. | Source Conc. Units | Final Conc. | Final Conc. Units |
|-------------------------|------------------|------------------|--------------|--------------------|-------------|-------------------|
| Dichlorodifluoromethane | 40MXTANKDP_00008 | 11/25/2021       | 1.00000      | ppm v/v            | 200.00000   | ppb v/v           |
| Dodecane                | 40MXTANKDP_00008 | 11/25/2021       | 1.00000      | ppm v/v            | 200.00000   | ppb v/v           |
| Ethyl acetate           | 40MXTANKDP_00008 | 11/25/2021       | 1.00000      | ppm v/v            | 200.00000   | ppb v/v           |
| Ethyl ether             | 40MXTANKDP_00008 | 11/25/2021       | 1.00000      | ppm v/v            | 200.00000   | ppb v/v           |
| Ethylbenzene            | 40MXTANKDP_00008 | 11/25/2021       | 1.00000      | ppm v/v            | 200.00000   | ppb v/v           |
| Ethylene Dibromide      | 40MXTANKDP_00008 | 11/25/2021       | 1.00000      | ppm v/v            | 200.00000   | ppb v/v           |
| Hexachlorobutadiene     | 40MXTANKDP_00008 | 11/25/2021       | 1.00000      | ppm v/v            | 200.00000   | ppb v/v           |
| Hexane                  | 40MXTANKDP_00008 | 11/25/2021       | 1.00000      | ppm v/v            | 200.00000   | ppb v/v           |
| Isooctane               | 40MXTANKDP_00008 | 11/25/2021       | 1.00000      | ppm v/v            | 200.00000   | ppb v/v           |
| Isopropyl alcohol       | 40MXTANKDP_00008 | 11/25/2021       | 1.00000      | ppm v/v            | 200.00000   | ppb v/v           |
| Isopropylbenzene        | 40MXTANKDP_00008 | 11/25/2021       | 1.00000      | ppm v/v            | 200.00000   | ppb v/v           |
| Methyl methacrylate     | 40MXTANKDP_00008 | 11/25/2021       | 1.00000      | ppm v/v            | 200.00000   | ppb v/v           |
| Methyl tert-butyl ether | 40MXTANKDP_00008 | 11/25/2021       | 1.00000      | ppm v/v            | 200.00000   | ppb v/v           |
| Methylene Chloride      | 40MXTANKDP_00008 | 11/25/2021       | 1.00000      | ppm v/v            | 200.00000   | ppb v/v           |
| m-Xylene & p-Xylene     | 40MXTANKDP_00008 | 11/25/2021       | 2.00000      | ppm v/v            | 400.00000   | ppb v/v           |
| Naphthalene             | 40MXTANKDP_00008 | 11/25/2021       | 1.00000      | ppm v/v            | 200.00000   | ppb v/v           |
| n-Butanol               | 40MXTANKDP_00008 | 11/25/2021       | 1.00000      | ppm v/v            | 200.00000   | ppb v/v           |
| n-Butylbenzene          | 40MXTANKDP_00008 | 11/25/2021       | 1.00000      | ppm v/v            | 200.00000   | ppb v/v           |


**Reagent ID: 40XX200tankD\_00001**

Description: 200ppb v/v Tank D Bur Recert  
 No. of Bottles: 1  
 Storage Location: Ambient Air Canister Reagent Storage  
 Reagent Volume: 36.700 psi absolute  
 Creation Date: 12/07/2020  
 Open Date:  
 Container(s): 343746  
 Comment: Adjusted for nominal value of 200 ppb v/v can SN1652

Expiration Date: 02/07/2021  
 Laboratory: Eurofins TestAmerica, Knoxville  
 Prepared By: Barlozhetskaya, Anna F  
 Solvent: Nitrogen  
 Solvent Lot: Dewar

### Reagent Analyte Information

| Analyte                   | Source ID        | Source Exp. Date | Source Conc. | Source Conc. Units | Final Conc. | Final Conc. Units |
|---------------------------|------------------|------------------|--------------|--------------------|-------------|-------------------|
| n-Decane                  | 40MXTANKDP_00008 | 11/25/2021       | 1.00000      | ppm v/v            | 200.00000   | ppb v/v           |
| n-Heptane                 | 40MXTANKDP_00008 | 11/25/2021       | 1.00000      | ppm v/v            | 200.00000   | ppb v/v           |
| n-Nonane                  | 40MXTANKDP_00008 | 11/25/2021       | 1.00000      | ppm v/v            | 200.00000   | ppb v/v           |
| n-Octane                  | 40MXTANKDP_00008 | 11/25/2021       | 1.00000      | ppm v/v            | 200.00000   | ppb v/v           |
| N-Propylbenzene           | 40MXTANKDP_00008 | 11/25/2021       | 1.00000      | ppm v/v            | 200.00000   | ppb v/v           |
| o-Xylene                  | 40MXTANKDP_00008 | 11/25/2021       | 1.00000      | ppm v/v            | 200.00000   | ppb v/v           |
| Pentane                   | 40MXTANKDP_00008 | 11/25/2021       | 1.00000      | ppm v/v            | 200.00000   | ppb v/v           |
| Propene                   | 40MXTANKDP_00008 | 11/25/2021       | 1.00000      | ppm v/v            | 200.00000   | ppb v/v           |
| sec-Butylbenzene          | 40MXTANKDP_00008 | 11/25/2021       | 1.00000      | ppm v/v            | 200.00000   | ppb v/v           |
| Styrene                   | 40MXTANKDP_00008 | 11/25/2021       | 1.00000      | ppm v/v            | 200.00000   | ppb v/v           |
| tert-Butylbenzene         | 40MXTANKDP_00008 | 11/25/2021       | 1.00000      | ppm v/v            | 200.00000   | ppb v/v           |
| Tetrachloroethene         | 40MXTANKDP_00008 | 11/25/2021       | 1.00000      | ppm v/v            | 200.00000   | ppb v/v           |
| Tetrahydrofuran           | 40MXTANKDP_00008 | 11/25/2021       | 1.00000      | ppm v/v            | 200.00000   | ppb v/v           |
| Toluene                   | 40MXTANKDP_00008 | 11/25/2021       | 1.00000      | ppm v/v            | 200.00000   | ppb v/v           |
| Toluene Range             | 40MXTANKDP_00008 | 11/25/2021       | 1.00000      | ppm v/v            | 200.00000   | ppb v/v           |
| trans-1,2-Dichloroethene  | 40MXTANKDP_00008 | 11/25/2021       | 1.00000      | ppm v/v            | 200.00000   | ppb v/v           |
| trans-1,3-Dichloropropene | 40MXTANKDP_00008 | 11/25/2021       | 1.00000      | ppm v/v            | 200.00000   | ppb v/v           |
| Trichloroethene           | 40MXTANKDP_00008 | 11/25/2021       | 1.00000      | ppm v/v            | 200.00000   | ppb v/v           |


**Reagent ID: 40XX200tankD\_00001**

Description: 200ppb v/v Tank D Bur Recert  
 No. of Bottles: 1  
 Storage Location: Ambient Air Canister Reagent Storage  
 Reagent Volume: 36.700 psi absolute  
 Creation Date: 12/07/2020  
 Open Date:  
 Container(s): 343746  
 Comment: Adjusted for nominal value of 200 ppb v/v can SN1652

Expiration Date: 02/07/2021  
 Laboratory: Eurofins TestAmerica, Knoxville  
 Prepared By: Barlozhetskaya, Anna F  
 Solvent: Nitrogen  
 Solvent Lot: Dewar

### Reagent Analyte Information

| Analyte                | Source ID        | Source Exp. Date | Source Conc. | Source Conc. Units | Final Conc. | Final Conc. Units |
|------------------------|------------------|------------------|--------------|--------------------|-------------|-------------------|
| Trichlorofluoromethane | 40MXTANKDP_00008 | 11/25/2021       | 1.00000      | ppm v/v            | 200.00000   | ppb v/v           |
| Undecane               | 40MXTANKDP_00008 | 11/25/2021       | 1.00000      | ppm v/v            | 200.00000   | ppb v/v           |
| Vinyl acetate          | 40MXTANKDP_00008 | 11/25/2021       | 1.00000      | ppm v/v            | 200.00000   | ppb v/v           |
| Vinyl bromide          | 40MXTANKDP_00008 | 11/25/2021       | 1.00000      | ppm v/v            | 200.00000   | ppb v/v           |
| Vinyl chloride         | 40MXTANKDP_00008 | 11/25/2021       | 1.00000      | ppm v/v            | 200.00000   | ppb v/v           |
| Xylenes, Total         | 40MXTANKDP_00008 | 11/25/2021       | 3.00000      | ppm v/v            | 600.00000   | ppb v/v           |

### Source Reagents

| Reagent          | Description         | Type | Expiration | Vendor | Vendor Lot # | Vendor Cat Lot # | Volume Used | Volume Units |
|------------------|---------------------|------|------------|--------|--------------|------------------|-------------|--------------|
| 40MXTANKDP_00008 | Tank D Mega primary | ASTD | 11/25/21   | Linde  | CC-118524    | PO:US11382327    | 36.70000    | psi abs      |

4700 Precision Diluter Standards Preparation Report

Date:12/7/2020 10:39:34 AM

Dilution ID:399

Canister Size:15000cc

Canister ID:SN# 1652

Comment:200 ppb v/v Burlington Recert

Report ID:343746

Prepared By:AFB

Target Final Psia:36.7

343746

ID: 40XX200tankID\_00001  
Exp: 02/07/21 Prod: AFB Crt: 12/8/20  
200ppb v/v Tank D Bur Rec

Channel Methods

| Ch. Title    | Init. Conc. | Target Conc. | Dilution Factor | Init. Psia | Target Psid | Final Psid | Target Psia | Final Psia | Duration | Final Conc. |
|--------------|-------------|--------------|-----------------|------------|-------------|------------|-------------|------------|----------|-------------|
| 1 Diluent    | 100 percent | 100 percent  | 1               | 0.32       | 11.64       | 11.64      | 11.96       | 11.96      | 00:11:48 | N/A         |
| 3 D Mega Pri | 1000 ppb    | 200 ppb      | 5               | 11.96      | 7.28        | 7.28       | 19.24       | 19.24      | 00:19:34 | 200.1 ppb   |
| 1 Diluent    | 100 percent | 100 percent  | 1               | 19.24      | 17.46       | 17.46      | 36.70       | 36.70      | 00:18:04 | N/A         |

Total Duration: 00:49:33

Channel Configuration and Standards Inventory

| Ch. | Source     | Init. Conc. | Cylinder ID | Expiration Date | Notes |
|-----|------------|-------------|-------------|-----------------|-------|
| 1   | Diluent    | 100 percent |             | 12/31/2021      |       |
| 3   | D Mega Pri | 1000 ppb    |             | 11/25/2021      |       |

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343163

 ED: 40000000000000000000  
 Sup: 10000000000000000000  
 Tank ID: 10000000000000000000

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 Knoxville, TN 37921

PAGE: 1 of 4

*Tank D to 12/2/20*

## ANALYSIS REPORT

Sales#: 117401727  
 Production#: 1523772  
 Report Date: Nov-24-2020  
 P.O.# : US113823280  
 Blend Type: QUALIFIED  
 Material#: 24106776  
 Traceability: NIST by weight  
 Expiration Date: Nov-24-2021  
 Do NOT use under: 150 psig

Cylinder Size: 152 (8" X 47.5")  
 Cylinder # : CC-118524  
 Cylinder Pressure: 1700 psig  
 Cylinder Valve: CGA 350 / Steel  
 Cylinder Volume: 29.5 Liter  
 Cylinder Material: Aluminum  
 Gas Volume: 3400 Liters  
 Blend Tolerance: 10% Relative  
 Analytical Accuracy: 5% Relative

| COMPONENT                             | CAS<br>NUMBER | REQUESTED<br>CONC | QUALIFIED<br>CONC |
|---------------------------------------|---------------|-------------------|-------------------|
| Propylene                             | 115-07-1      | 1.00 ppm          | 1.04 ppm          |
| Chlorodifluoromethane                 | 75-45-6       | 1.00 ppm          | 1.06 ppm          |
| Freon-12                              | 75-71-8       | 1.00 ppm          | 1.03 ppm          |
| Chloromethane                         | 74-87-3       | 1.00 ppm          | 1.04 ppm          |
| Freon-114                             | 76-14-2       | 1.00 ppm          | 1.03 ppm          |
| Vinyl Chloride                        | 75-01-4       | 1.00 ppm          | 1.04 ppm          |
| 1,3-Butadiene                         | 106-99-0      | 1.00 ppm          | 1.04 ppm          |
| Methanol (No Stability Guarantee)     | 67-56-1       | 1.00 ppm          | 0.81 ppm          |
| n-Butane                              | 106-97-8      | 1.00 ppm          | 1.06 ppm          |
| Bromomethane                          | 74-83-9       | 1.00 ppm          | 1.04 ppm          |
| Chloroethane                          | 75-00-3       | 1.00 ppm          | 1.04 ppm          |
| Vinyl Bromide                         | 593-60-2      | 1.00 ppm          | 1.04 ppm          |
| Acetonitrile (No Stability Guarantee) | 75-05-8       | 1.00 ppm          | 1.00 ppm          |
| Acrolein                              | 107-02-8      | 1.00 ppm          | 0.99 ppm          |
| Isopentane                            | 78-78-4       | 1.00 ppm          | 1.03 ppm          |
| Acetone                               | 67-64-1       | 1.00 ppm          | 1.02 ppm          |
| Freon-11                              | 75-69-4       | 1.00 ppm          | 1.05 ppm          |
| Isopropyl Alcohol                     | 67-63-0       | 1.00 ppm          | 1.04 ppm          |
| Acrylonitrile                         | 107-13-1      | 1.00 ppm          | 1.03 ppm          |
| n-Pentane                             | 109-66-0      | 1.00 ppm          | 1.04 ppm          |
| Ethyl Ether                           | 60-29-7       | 1.00 ppm          | 1.03 ppm          |
| 1,1-Dichloroethene                    | 75-35-4       | 1.00 ppm          | 1.05 ppm          |
| Carbon Disulfide                      | 75-15-0       | 1.00 ppm          | 1.03 ppm          |
| Methylene Chloride                    | 75-09-2       | 1.00 ppm          | 1.03 ppm          |
| Tert-Butanol                          | 75-65-0       | 1.00 ppm          | 1.10 ppm          |
| 3-Chloropropene                       | 107-05-1      | 1.00 ppm          | 1.03 ppm          |
| Freon-113                             | 76-13-1       | 1.00 ppm          | 1.03 ppm          |
| Trans-1,2-Dichloroethene              | 156-60-5      | 1.00 ppm          | 1.04 ppm          |
| 1,1-Dichloroethane                    | 75-34-3       | 1.00 ppm          | 1.04 ppm          |
| Methyl Tert Butyl Ether               | 1634-04-4     | 1.00 ppm          | 1.03 ppm          |



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**PAGE:** 2 of 4

### ANALYSIS REPORT

|                          |                |                             |                  |
|--------------------------|----------------|-----------------------------|------------------|
| <b>Sales#:</b>           | 117401727      | <b>Cylinder Size:</b>       | 152 (8" X 47.5") |
| <b>Production#:</b>      | 1523772        | <b>Cylinder # :</b>         | CC-118524        |
| <b>Report Date:</b>      | Nov-24-2020    | <b>Cylinder Pressure:</b>   | 1700 psig        |
| <b>P.O.# :</b>           | US113823280    | <b>Cylinder Valve:</b>      | CGA 350 / Steel  |
| <b>Blend Type:</b>       | QUALIFIED      | <b>Cylinder Volume:</b>     | 29.5 Liter       |
| <b>Material#:</b>        | 24106776       | <b>Cylinder Material:</b>   | Aluminum         |
| <b>Traceability:</b>     | NIST by weight | <b>Gas Volume:</b>          | 3400 Liters      |
| <b>Expiration Date:</b>  | Nov-24-2021    | <b>Blend Tolerance:</b>     | 10% Relative     |
| <b>Do NOT use under:</b> | 150 psig       | <b>Analytical Accuracy:</b> | 5% Relative      |

| COMPONENT                 | CAS<br>NUMBER | REQUESTED<br>CONC | QUALIFIED<br>CONC |
|---------------------------|---------------|-------------------|-------------------|
| Vinyl Acetate             | 108-05-4      | 1.00 ppm          | 1.10 ppm          |
| Methyl Ethyl Ketone       | 78-93-3       | 1.00 ppm          | 1.02 ppm          |
| Cis-1,2-Dichloroethene    | 156-59-2      | 1.00 ppm          | 1.04 ppm          |
| Hexane                    | 110-54-3      | 1.00 ppm          | 1.03 ppm          |
| Chloroform                | 67-66-3       | 1.00 ppm          | 1.04 ppm          |
| Ethyl Acetate             | 141-78-6      | 1.00 ppm          | 1.04 ppm          |
| Tetrahydrofuran           | 109-99-9      | 1.00 ppm          | 1.02 ppm          |
| 1,2-Dichloroethane        | 107-06-2      | 1.00 ppm          | 1.03 ppm          |
| 1,1,1-Trichloroethane     | 71-55-6       | 1.00 ppm          | 1.03 ppm          |
| Benzene                   | 71-43-2       | 1.00 ppm          | 1.04 ppm          |
| 1-Butanol                 | 71-36-3       | 1.00 ppm          | 0.92 ppm          |
| Carbon Tetrachloride      | 56-23-5       | 1.00 ppm          | 1.02 ppm          |
| Cyclohexane               | 110-82-7      | 1.00 ppm          | 1.03 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          | 1.00 ppm          |
| Bromodichloromethane      | 75-27-4       | 1.00 ppm          | 1.00 ppm          |
| 1,4-Dioxane               | 123-91-1      | 1.00 ppm          | 1.00 ppm          |
| 2,2,4-Trimethylpentane    | 540-84-1      | 1.00 ppm          | 1.04 ppm          |
| Methyl Methacrylate       | 80-62-6       | 1.00 ppm          | 1.02 ppm          |
| Heptane                   | 142-82-5      | 1.00 ppm          | 1.03 ppm          |
| Cis-1,3-Dichloropropene   | 10061-01-5    | 1.00 ppm          | 1.01 ppm          |
| Methyl Isobutyl Ketone    | 108-10-1      | 1.00 ppm          | 1.03 ppm          |
| Trans-1,3-Dichloropropene | 10061-02-6    | 1.00 ppm          | 1.00 ppm          |
| 1,1,2-Trichloroethane     | 79-00-5       | 1.00 ppm          | 1.02 ppm          |
| Toluene                   | 108-88-3      | 1.00 ppm          | 1.02 ppm          |
| Methyl Butyl Ketone       | 591-78-6      | 1.00 ppm          | 1.00 ppm          |
| Dibromochloromethane      | 124-48-1      | 1.00 ppm          | 1.04 ppm          |
| 1,2-Dibromoethane         | 106-93-4      | 1.00 ppm          | 1.04 ppm          |
| n-Octane                  | 111-65-9      | 1.00 ppm          | 1.01 ppm          |

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**ANALYSIS REPORT**

Sales#: 117401727  
Production#: 1523772  
Report Date: Nov-24-2020  
P.O.# : US113823280  
Blend Type: QUALIFIED  
Material#: 24106776  
Traceability: NIST by weight  
Expiration Date: Nov-24-2021  
Do NOT use under: 150 psig

Cylinder Size: 152 (8" X 47.5")  
Cylinder # : CC-118524  
Cylinder Pressure: 1700 psig  
Cylinder Valve: CGA 350 / Steel  
Cylinder Volume: 29.5 Liter  
Cylinder Material: Aluminum  
Gas Volume: 3400 Liters  
Blend Tolerance: 10% Relative  
Analytical Accuracy: 5% Relative

| COMPONENT                                     | CAS<br>NUMBER | REQUESTED<br>CONC | QUALIFIED<br>CONC |
|-----------------------------------------------|---------------|-------------------|-------------------|
| Tetrachloroethylene                           | 127-18-4      | 1.00 ppm          | 1.05 ppm          |
| Chlorobenzene                                 | 108-90-7      | 1.00 ppm          | 1.01 ppm          |
| Ethylbenzene                                  | 100-41-4      | 1.00 ppm          | 1.01 ppm          |
| p-xylene                                      | 106-42-3      | 1.00 ppm          | 1.00 ppm          |
| m-xylene                                      | 108-38-3      | 1.00 ppm          | 1.01 ppm          |
| Bromoform                                     | 75-25-2       | 1.00 ppm          | 1.01 ppm          |
| Styrene                                       | 100-42-5      | 1.00 ppm          | 1.00 ppm          |
| o-xylene                                      | 95-47-6       | 1.00 ppm          | 1.01 ppm          |
| 1,1,2,2-Tetrachloroethane                     | 79-34-5       | 1.00 ppm          | 1.01 ppm          |
| 1,2,3-Trichloropropane                        | 96-18-4       | 1.00 ppm          | 1.01 ppm          |
| Nonane                                        | 111-84-2      | 1.00 ppm          | 1.02 ppm          |
| Cumene                                        | 98-82-8       | 1.00 ppm          | 1.01 ppm          |
| 2-Chlorotoluene                               | 95-49-8       | 1.00 ppm          | 1.01 ppm          |
| n-Propylbenzene                               | 103-65-1      | 1.00 ppm          | 1.01 ppm          |
| 4-Ethyltoluene                                | 622-96-8      | 1.00 ppm          | 1.01 ppm          |
| 1,3,5-Trimethylbenzene                        | 108-67-8      | 1.00 ppm          | 1.01 ppm          |
| alpha-Methyl Styrene (No Stability Guarantee) | 98-83-9       | 1.00 ppm          | 0.99 ppm          |
| Tert-Butyl Benzene                            | 98-06-6       | 1.00 ppm          | 1.00 ppm          |
| 1,2,4-Trimethylbenzene                        | 95-63-6       | 1.00 ppm          | 1.01 ppm          |
| 1,3-Dichlorobenzene                           | 541-73-1      | 1.00 ppm          | 1.01 ppm          |
| Benzyl Chloride                               | 100-44-7      | 1.00 ppm          | 1.01 ppm          |
| n-Decane                                      | 124-18-5      | 1.00 ppm          | 0.99 ppm          |
| 1,4-Dichlorobenzene                           | 106-46-7      | 1.00 ppm          | 1.00 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          | 1.01 ppm          |
| n-Butyl Benzene                               | 104-51-8      | 1.00 ppm          | 1.01 ppm          |
| n-Undecane (No Stability Guarantee)           | 1120-21-4     | 1.00 ppm          | 1.00 ppm          |

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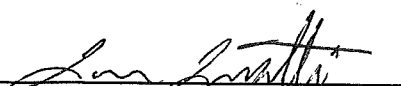
## ANALYSIS REPORT

Sales#: 117401727  
Production#: 1523772  
Report Date: Nov-24-2020  
P.O.# : US113823280  
Blend Type: QUALIFIED  
Material#: 24106776  
Traceability: NIST by weight  
Expiration Date: Nov-24-2021  
Do NOT use under: 150 psig

Cylinder Size: 152 (8" X 47.5")  
Cylinder # : CC-118524  
Cylinder Pressure: 1700 psig  
Cylinder Valve: CGA 350 / Steel  
Cylinder Volume: 29.5 Liter  
Cylinder Material: Aluminum  
Gas Volume: 3400 Liters  
Blend Tolerance: 10% Relative  
Analytical Accuracy: 5% Relative

| COMPONENT                                         | CAS<br>NUMBER | REQUESTED<br>CONC | QUALIFIED<br>CONC |
|---------------------------------------------------|---------------|-------------------|-------------------|
| 1,2,4-Trichlorobenzene (No Stability Guarantee)   | 120-82-1      | 1.00 ppm          | 0.96 ppm          |
| Naphthalene (No Stability Guarantee)              | 91-20-3       | 1.00 ppm          | 0.91 ppm          |
| n-Dodecane (No Stability Guarantee)               | 112-40-3      | 1.00 ppm          | 0.90 ppm          |
| 1,2,3-Trichlorobenzene (No Stability Guarantee)   | 87-61-6       | 1.00 ppm          | 0.91 ppm          |
| Hexachloro-1,3-Butadiene (No Stability Guarantee) | 87-68-3       | 1.00 ppm          | 0.94 ppm          |
| Nitrogen                                          | 7727-37-9     | Balance           | Balance           |

ANALYST:

  
Lou Lorenzetti

DATE: Nov-24-2020

## Preliminary Report

Eurofins TestAmerica, Burlington  
Target Compound Quantitation Report

Data File: \\chromfs\Burlington\ChromData\CHW.i\20201210-43999.b\43974-011.d  
 Lims ID: icv  
 Client ID:  
 Sample Type: ICV  
 Inject. Date: 09-Dec-2020 16:44:30 ALS Bottle#: 10 Worklist Smp#: 11  
 Purge Vol: 200.000 mL Dil. Factor: 1.0000  
 Sample Info: 200-0043974-011  
 Misc. Info.: standard 2  
 Operator ID: ggg Instrument ID: CHW.i  
 Sublist:

Method: \\chromfs\Burlington\ChromData\CHW.i\20201210-43999.b\TO15\_TO3\_MasterMethod\_W.m  
 Limit Group: AI\_TO15\_ICAL  
 Last Update: 10-Dec-2020 11:23:00 Calib Date: 09-Dec-2020 14:57:30  
 Integrator: RTE ID Type: Deconvolution ID  
 Quant Method: Internal Standard Quant By: Initial Calibration  
 Last ICal File: \\chromfs\Burlington\ChromData\CHW.i\20201210-43999.b\43974-009.d  
 Column 1 : RTX-624 (0.32 mm) Det: MS SCAN  
 Process Host: CTX1653

| Compound                           | Sig | RT<br>(min.) | Adj RT<br>(min.) | Dlt RT<br>(min.) | Q   | Response | Cal Amt<br>ppb v/v | OnCol Amt<br>ppb v/v | Flags |
|------------------------------------|-----|--------------|------------------|------------------|-----|----------|--------------------|----------------------|-------|
| 1 Propene                          | 41  | 3.944        | 3.960            | -0.016           | 98  | 1602506  | 41.3               | 35.6                 |       |
| 2 Dichlorodifluoromethane          | 85  | 4.062        | 4.067            | -0.005           | 100 | 4670083  | 41.8               | 34.9                 |       |
| 3 Chlorodifluoromethane            | 51  | 4.099        | 4.110            | -0.011           | 97  | 2897855  | 41.9               | 35.2                 |       |
| 4 1,2-Dichloro-1,1,2,2-tetrafluoro | 85  | 4.468        | 4.468            | 0.000            | 97  | 4866433  | 41.6               | 36.6                 |       |
| 5 Chloromethane                    | 50  | 4.559        | 4.559            | 0.000            | 99  | 1724699  | 43.7               | 35.6                 |       |
| 6 Vinyl chloride                   | 62  | 4.896        | 4.896            | 0.000            | 98  | 1935747  | 41.6               | 35.5                 |       |
| 7 Butane                           | 43  | 4.913        | 4.912            | 0.000            | 99  | 2858712  | 41.4               | 35.1                 |       |
| 8 Butadiene                        | 54  | 5.030        | 5.030            | 0.000            | 97  | 1352486  | 40.5               | 34.3                 |       |
| 9 Bromomethane                     | 94  | 5.763        | 5.763            | 0.000            | 99  | 1496511  | 41.2               | 37.2                 |       |
| 11 Chloroethane                    | 64  | 6.057        | 6.052            | 0.005            | 100 | 855494   | 41.6               | 37.6                 |       |
| 10 BFB                             |     |              |                  |                  |     |          |                    |                      |       |
| 12 2-Methylbutane                  | 43  | 6.282        | 6.277            | 0.005            | 93  | 1819562  | 41.8               | 36.8                 |       |
| 13 Vinyl bromide                   | 106 | 6.496        | 6.491            | 0.005            | 99  | 1484915  | 41.7               | 38.0                 |       |
| 14 Trichlorofluoromethane          | 101 | 6.667        | 6.667            | 0.000            | 99  | 3708339  | 42.2               | 35.6                 |       |
| 15 Pentane                         | 43  | 6.887        | 6.887            | 0.001            | 98  | 2510485  | 40.5               | 35.3                 |       |
| 18 Ethyl ether                     | 59  | 7.320        | 7.314            | 0.006            | 95  | 967923   | 40.3               | 37.0                 |       |
| 19 Acrolein                        | 56  | 7.571        | 7.566            | 0.005            | 96  | 604975   | 38.9               | 41.7                 |       |
| 20 1,1-Dichloroethene              | 96  | 7.764        | 7.764            | 0.000            | 97  | 1402025  | 41.1               | 35.4                 |       |
| 21 112TCTFE                        | 101 | 7.812        | 7.807            | 0.005            | 96  | 2950001  | 42.0               | 35.0                 |       |
| 22 Acetone                         | 43  | 7.860        | 7.860            | 0.000            | 98  | 2120992  | 41.0               | 37.4                 |       |
| 24 Carbon disulfide                | 76  | 8.176        | 8.176            | 0.000            | 100 | 3841804  | 40.6               | 35.0                 |       |
| 23 Isopropyl alcohol               | 45  | 8.176        | 8.176            | 0.000            | 100 | 2377190  | 40.9               | 37.7                 | p     |
| 25 Acetonitrile                    | 41  | 8.379        | 8.374            | 0.005            | 99  | 935675   | 39.6               | 35.7                 | p     |
| 26 3-Chloro-1-propene              | 41  | 8.486        | 8.481            | 0.005            | 99  | 1724511  | 42.6               | 37.6                 |       |
| 27 Methylene Chloride              | 49  | 8.722        | 8.716            | 0.006            | 93  | 1449937  | 41.1               | 33.8                 |       |
| 28 2-Methyl-2-propanol             | 59  | 8.946        | 8.946            | 0.000            | 94  | 2897418  | 43.1               | 36.7                 |       |
| 29 Acrylonitrile                   | 53  | 9.139        | 9.139            | 0.000            | 95  | 949938   | 40.4               | 40.6                 |       |
| 30 trans-1,2-Dichloroethene        | 61  | 9.230        | 9.230            | 0.000            | 97  | 1912586  | 40.8               | 35.4                 |       |
| 31 Methyl tert-butyl ether         | 73  | 9.235        | 9.235            | 0.000            | 97  | 4192087  | 41.8               | 39.0                 |       |
| 32 Hexane                          | 57  | 9.743        | 9.743            | 0.000            | 93  | 2022766  | 42.4               | 37.0                 |       |

## Preliminary Report

Data File: \\chromfs\Burlington\ChromData\CHW.i\20201210-43999.b\43974-011.d

| 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  | 10.005    | 10.005         | 0.000         | 100 | 2486625    | 40.0            | 36.7              |       |
| 34 Vinyl acetate               | 43  | 10.027    | 10.021         | 0.006         | 100 | 3674368    | 41.6            | 39.5              |       |
| S 35 1,2-Dichloroethene, Total | 61  |           |                |               | 0   |            | 81.2            | 75.5              |       |
| 36 2-Butanone (MEK)            | 72  | 10.990    | 10.990         | 0.000         | 100 | 718680     | 41.4            | 40.4              |       |
| 37 cis-1,2-Dichloroethene      | 96  | 11.017    | 11.011         | 0.006         | 94  | 1564823    | 40.4            | 40.1              |       |
| 38 Ethyl acetate               | 88  | 11.081    | 11.075         | 0.006         | 100 | 137404     | 40.5            | 40.6              |       |
| * 39 Chlorobromomethane        | 128 | 11.434    | 11.434         | 0.000         | 86  | 262307     | 10.0            | 10.0              |       |
| 40 Tetrahydrofuran             | 42  | 11.471    | 11.471         | 0.000         | 90  | 1531308    | 40.0            | 39.9              |       |
| 41 Chloroform                  | 83  | 11.610    | 11.610         | 0.000         | 96  | 3254480    | 40.4            | 40.2              |       |
| 42 1,1,1-Trichloroethane       | 97  | 11.915    | 11.915         | 0.000         | 95  | 3449946    | 40.8            | 41.4              |       |
| 43 Cyclohexane                 | 84  | 12.054    | 12.049         | 0.005         | 97  | 1966966    | 40.6            | 40.4              |       |
| 44 Carbon tetrachloride        | 117 | 12.199    | 12.199         | 0.000         | 98  | 3701195    | 40.6            | 41.0              |       |
| 45 Benzene                     | 78  | 12.552    | 12.547         | 0.006         | 96  | 4653955    | 41.3            | 43.6              |       |
| 46 1,2-Dichloroethane          | 62  | 12.627    | 12.627         | 0.000         | 98  | 2105445    | 41.4            | 40.5              |       |
| 47 Isooctane                   | 57  | 12.766    | 12.766         | 0.000         | 99  | 7141904    | 41.9            | 42.8              |       |
| 48 n-Heptane                   | 43  | 13.076    | 13.076         | 0.000         | 91  | 2590826    | 42.0            | 41.4              |       |
| * 50 1,4-Difluorobenzene       | 114 | 13.296    | 13.295         | 0.001         | 94  | 1253511    | 10.0            | 10.0              |       |
| 53 n-Butanol                   | 56  | 13.509    | 13.509         | 0.000         | 88  | 917639     | 38.2            | 33.5              |       |
| 51 Trichloroethene             | 95  | 13.723    | 13.729         | -0.006        | 99  | 2150786    | 42.1            | 42.0              |       |
| A 52 GRO                       | 1   | 14.050    | (6.267-21.833) |               | 0   | 638999195  | 2600.0          | 0                 |       |
| 54 1,2-Dichloropropane         | 63  | 14.189    | 14.189         | 0.000         | 89  | 1699256    | 41.2            | 39.7              |       |
| 55 Methyl methacrylate         | 69  | 14.275    | 14.274         | 0.000         | 97  | 1585503    | 40.6            | 37.2              |       |
| 56 1,4-Dioxane                 | 88  | 14.312    | 14.312         | 0.000         | 92  | 861103     | 42.3            | 36.4              |       |
| 57 Dibromomethane              | 174 | 14.344    | 14.344         | 0.000         | 92  | 2317875    | 41.2            | 40.1              |       |
| 58 Dichlorobromomethane        | 83  | 14.660    | 14.660         | 0.000         | 99  | 3511708    | 42.3            | 37.8              |       |
| A 59 TVOC as Toluene           | 1   | 15.344    | (3.950-26.739) |               | 0   | 1021914338 | 3600.0          | 0                 |       |
| 60 cis-1,3-Dichloropropene     | 75  | 15.462    | 15.462         | 0.000         | 93  | 2925236    | 41.6            | 40.1              |       |
| 61 4-Methyl-2-pentanone (MIBK) | 43  | 15.719    | 15.719         | 0.000         | 96  | 3291299    | 41.0            | 36.8              |       |
| 62 Toluene                     | 92  | 16.104    | 16.109         | -0.005        | 94  | 3289697    | 40.6            | 42.3              |       |
| 63 n-Octane                    | 43  | 16.356    | 16.355         | 0.001         | 90  | 3486784    | 41.3            | 37.1              |       |
| 64 trans-1,3-Dichloropropene   | 75  | 16.521    | 16.527         | -0.006        | 97  | 2572004    | 39.5            | 37.1              |       |
| 65 1,1,2-Trichloroethane       | 83  | 16.901    | 16.901         | 0.000         | 97  | 1607272    | 41.9            | 41.6              |       |
| 66 Tetrachloroethene           | 166 | 17.099    | 17.099         | 0.000         | 97  | 3254315    | 42.0            | 41.9              |       |
| 67 2-Hexanone                  | 43  | 17.302    | 17.308         | -0.006        | 95  | 3114917    | 40.0            | 40.4              |       |
| 68 Chlorodibromomethane        | 129 | 17.645    | 17.645         | 0.000         | 98  | 3758859    | 38.7            | 40.2              |       |
| 69 Ethylene Dibromide          | 107 | 17.886    | 17.886         | 0.000         | 99  | 2993385    | 42.4            | 41.0              |       |
| * 70 Chlorobenzene-d5          | 117 | 18.795    | 18.795         | 0.000         | 84  | 1025263    | 10.0            | 10.0              |       |
| 71 Chlorobenzene               | 112 | 18.854    | 18.854         | 0.000         | 95  | 4523179    | 42.0            | 42.0              |       |
| 73 Ethylbenzene                | 91  | 19.046    | 19.046         | 0.000         | 98  | 7135751    | 40.9            | 40.9              |       |
| 74 m-Xylene & p-Xylene         | 106 | 19.314    | 19.314         | 0.000         | 0   | 5607426    | 82.2            | 82.3              |       |
| 75 n-Nonane                    | 57  | 19.373    | 19.373         | 0.000         | 88  | 3222126    | 41.9            | 40.9              |       |
| 76 o-Xylene                    | 106 | 20.090    | 20.084         | 0.006         | 99  | 2709613    | 41.4            | 40.5              |       |
| S 77 Xylenes, Total            | 106 |           |                |               | 0   |            | 123.7           | 122.8             |       |
| 78 Styrene                     | 104 | 20.122    | 20.122         | 0.000         | 99  | 4423762    | 41.3            | 41.1              |       |
| 79 Bromoform                   | 173 | 20.469    | 20.469         | 0.000         | 98  | 3917549    | 41.2            | 39.4              |       |
| 80 Isopropylbenzene            | 105 | 20.780    | 20.785         | -0.005        | 96  | 8079027    | 41.7            | 41.1              |       |
| 81 1,1,2,2-Tetrachloroethane   | 83  | 21.299    | 21.299         | 0.000         | 99  | 4077594    | 41.4            | 40.1              |       |
| 82 1,2,3-Trichloropropane      | 75  | 21.400    | 21.400         | 0.000         | 98  | 3152056    | 42.4            | 40.0              |       |
| 83 N-Propylbenzene             | 91  | 21.502    | 21.502         | 0.000         | 99  | 9409128    | 41.6            | 40.7              |       |
| 84 2-Chlorotoluene             | 91  | 21.646    | 21.646         | 0.000         | 97  | 5829712    | 41.8            | 41.0              |       |
| 85 4-Ethyltoluene              | 105 | 21.695    | 21.700         | -0.005        | 98  | 7856445    | 41.3            | 40.2              |       |

## Preliminary Report

Data File: \\chromfs\Burlington\ChromData\CHW.i\20201210-43999.b\43974-011.d

| Compound                   | Sig | RT<br>(min.) | Adj RT<br>(min.) | Dlt RT<br>(min.) | Q  | Response | Cal Amt<br>ppb v/v | OnCol Amt<br>ppb v/v | Flags |
|----------------------------|-----|--------------|------------------|------------------|----|----------|--------------------|----------------------|-------|
| 86 1,3,5-Trimethylbenzene  | 105 | 21.791       | 21.791           | 0.000            | 94 | 6622785  | 41.6               | 40.8                 |       |
| 87 n-Decane                | 57  | 21.823       | 21.823           | 0.000            | 92 | 4062203  | 41.7               | 41.1                 |       |
| 88 Alpha Methyl Styrene    | 118 | 22.117       | 22.117           | 0.000            | 89 | 3563869  | 40.8               | 41.3                 |       |
| 89 tert-Butylbenzene       | 119 | 22.272       | 22.272           | 0.000            | 94 | 6608875  | 41.4               | 40.5                 |       |
| 90 1,2,4-Trimethylbenzene  | 105 | 22.358       | 22.358           | 0.000            | 98 | 6591809  | 41.6               | 40.6                 |       |
| 91 sec-Butylbenzene        | 105 | 22.599       | 22.599           | 0.000            | 98 | 9695043  | 41.8               | 40.7                 |       |
| 92 1,3-Dichlorobenzene     | 146 | 22.770       | 22.770           | 0.000            | 97 | 4644862  | 42.3               | 40.3                 |       |
| 93 4-Isopropyltoluene      | 119 | 22.813       | 22.813           | 0.000            | 97 | 8450340  | 41.2               | 40.3                 |       |
| 94 1,4-Dichlorobenzene     | 146 | 22.909       | 22.909           | 0.000            | 96 | 4528523  | 41.9               | 40.6                 |       |
| 95 Benzyl chloride         | 91  | 23.059       | 23.059           | 0.000            | 99 | 5878179  | 42.3               | 41.6                 |       |
| 96 n-Butylbenzene          | 91  | 23.364       | 23.369           | -0.005           | 99 | 7709922  | 41.6               | 40.6                 |       |
| 97 1,2-Dichlorobenzene     | 146 | 23.401       | 23.401           | 0.000            | 97 | 4602486  | 41.8               | 40.3                 |       |
| 98 Undecane                | 57  | 23.513       | 23.513           | 0.000            | 94 | 4474491  | 41.8               | 40.8                 |       |
| 99 Dodecane                | 57  | 25.097       | 25.097           | 0.000            | 97 | 4076542  | 37.4               | 41.0                 |       |
| 100 1,2,4-Trichlorobenzene | 180 | 25.835       | 25.835           | 0.000            | 94 | 3649482  | 43.4               | 44.1                 |       |
| 101 Hexachlorobutadiene    | 225 | 26.081       | 26.087           | -0.006           | 97 | 4456843  | 41.0               | 44.3                 |       |
| 102 Naphthalene            | 128 | 26.317       | 26.317           | 0.000            | 99 | 7205986  | 38.9               | 40.2                 |       |
| 103 1,2,3-Trichlorobenzene | 180 | 26.729       | 26.729           | 0.000            | 95 | 3128800  | 36.5               | 38.2                 |       |
| 112 Methylcyclohexane      | 83  |              | 0.000            |                  |    |          | ND                 | ND                   |       |

## QC Flag Legend

## Processing Flags

ND - Not Detected or Marked ND

3 - Failed RT Window Test

p - Peak ID'ed as Multiple Compounds

## Reagents:

ATTO15CALSTKi\_00135

Amount Added: 40.00

Units: mL

ATTO15WISs\_00008

Amount Added: 20.00

Units: mL

Run Reagent

## Preliminary Report

Eurofins TestAmerica, Burlington  
Target Compound Quantitation Report

Data File: \\chromfs\Burlington\ChromData\CHW.i\20201210-43999.b\43974-009.d  
 Lims ID: icis  
 Client ID:  
 Sample Type: ICIS Calib Level: 5  
 Inject. Date: 09-Dec-2020 14:57:30 ALS Bottle#: 8 Worklist Smp#: 9  
 Purge Vol: 200.000 mL Dil. Factor: 1.0000  
 Sample Info: 200-0043974-009  
 Misc. Info.: standard 1  
 Operator ID: ggg Instrument ID: CHW.i  
 Sublist: chrom-TO15\_TO3\_MasterMethod\_W\*sub8

Method: \\chromfs\Burlington\ChromData\CHW.i\20201210-43999.b\TO15\_TO3\_MasterMethod\_W.m

Limit Group: AI\_TO15\_ICAL  
 Last Update: 10-Dec-2020 11:23:00 Calib Date: 09-Dec-2020 14:57:30  
 Integrator: RTE ID Type: Deconvolution ID  
 Quant Method: Internal Standard Quant By: Initial Calibration  
 Last ICal File: \\chromfs\Burlington\ChromData\CHW.i\20201210-43999.b\43974-009.d

Column 1: RTX-624 (0.32 mm) Det: MS SCAN  
 Process Host: CTX1653

| 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  | 3.960     | 3.960         | 0.000         | 98  | 1392314  | 40.0            | 40.0              |       |
| 2 Dichlorodifluoromethane          | 85  | 4.067     | 4.067         | 0.000         | 99  | 4135368  | 40.0            | 40.0              |       |
| 3 Chlorodifluoromethane            | 51  | 4.110     | 4.110         | 0.000         | 97  | 2545784  | 40.0            | 40.0              |       |
| 4 1,2-Dichloro-1,1,2,2-tetrafluoro | 85  | 4.468     | 4.468         | 0.000         | 95  | 4107302  | 40.0            | 40.0              |       |
| 5 Chloromethane                    | 50  | 4.559     | 4.559         | 0.000         | 99  | 1495394  | 40.0            | 40.0              |       |
| 6 Vinyl chloride                   | 62  | 4.896     | 4.896         | 0.000         | 98  | 1683387  | 40.0            | 40.0              |       |
| 7 Butane                           | 43  | 4.912     | 4.912         | 0.000         | 98  | 2518162  | 40.0            | 40.0              |       |
| 8 Butadiene                        | 54  | 5.030     | 5.030         | 0.000         | 97  | 1219843  | 40.0            | 40.0              |       |
| 9 Bromomethane                     | 94  | 5.763     | 5.763         | 0.000         | 99  | 1241650  | 40.0            | 40.0              |       |
| 11 Chloroethane                    | 64  | 6.052     | 6.052         | 0.000         | 100 | 703380   | 40.0            | 40.0              |       |
| 12 2-Methylbutane                  | 43  | 6.277     | 6.277         | 0.000         | 93  | 1528589  | 40.0            | 40.0              |       |
| 13 Vinyl bromide                   | 106 | 6.491     | 6.491         | 0.000         | 99  | 1206910  | 40.0            | 40.0              |       |
| 14 Trichlorofluoromethane          | 101 | 6.667     | 6.667         | 0.000         | 99  | 3221400  | 40.0            | 40.0              |       |
| 15 Pentane                         | 43  | 6.887     | 6.887         | 0.000         | 98  | 2194423  | 40.0            | 40.0              |       |
| 18 Ethyl ether                     | 59  | 7.314     | 7.314         | 0.000         | 94  | 809296   | 40.0            | 40.0              |       |
| 19 Acrolein                        | 56  | 7.566     | 7.566         | 0.000         | 96  | 448480   | 40.0            | 40.0              |       |
| 20 1,1-Dichloroethene              | 96  | 7.764     | 7.764         | 0.000         | 96  | 1224101  | 40.0            | 40.0              |       |
| 21 112TCTFE                        | 101 | 7.807     | 7.807         | 0.000         | 96  | 2604388  | 40.0            | 40.0              |       |
| 22 Acetone                         | 43  | 7.860     | 7.860         | 0.000         | 98  | 1751496  | 40.0            | 40.0              |       |
| 24 Carbon disulfide                | 76  | 8.176     | 8.176         | 0.000         | 100 | 3394826  | 40.0            | 40.0              |       |
| 23 Isopropyl alcohol               | 45  | 8.176     | 8.176         | 0.000         | 64  | 1945935  | 40.0            | 40.0              | p     |
| 25 Acetonitrile                    | 41  | 8.374     | 8.374         | 0.000         | 98  | 809586   | 40.0            | 40.0              | p     |
| 26 3-Chloro-1-propene              | 41  | 8.481     | 8.481         | 0.000         | 99  | 1418614  | 40.0            | 40.0              |       |
| 27 Methylene Chloride              | 49  | 8.716     | 8.716         | 0.000         | 94  | 1323978  | 40.0            | 40.0              |       |
| 28 2-Methyl-2-propanol             | 59  | 8.946     | 8.946         | 0.000         | 95  | 2440021  | 40.0            | 40.0              |       |
| 29 Acrylonitrile                   | 53  | 9.139     | 9.139         | 0.000         | 94  | 722218   | 40.0            | 40.0              |       |
| 30 trans-1,2-Dichloroethene        | 61  | 9.230     | 9.230         | 0.000         | 97  | 1669360  | 40.0            | 40.0              |       |
| 31 Methyl tert-butyl ether         | 73  | 9.235     | 9.235         | 0.000         | 96  | 3321264  | 40.0            | 40.0              |       |
| 32 Hexane                          | 57  | 9.743     | 9.743         | 0.000         | 92  | 1687855  | 40.0            | 40.0              |       |
| 33 1,1-Dichloroethane              | 63  | 10.005    | 10.005        | 0.000         | 100 | 2091125  | 40.0            | 40.0              |       |

## Preliminary Report

Data File: \\chromfs\Burlington\ChromData\CHW.i\20201210-43999.b\43974-009.d

| Compound                       | Sig | RT<br>(min.) | Adj RT<br>(min.) | Dlt RT<br>(min.) | Q   | Response | Cal Amt<br>ppb v/v | OnCol Amt<br>ppb v/v | Flags |
|--------------------------------|-----|--------------|------------------|------------------|-----|----------|--------------------|----------------------|-------|
| 34 Vinyl acetate               | 43  | 10.021       | 10.021           | 0.000            | 100 | 2874530  | 40.0               | 40.0                 |       |
| S 35 1,2-Dichloroethene, Total | 61  |              |                  |                  | 0   |          | 40.0               | 80.0                 |       |
| 36 2-Butanone (MEK)            | 72  | 10.990       | 10.990           | 0.000            | 100 | 549429   | 40.0               | 40.0                 |       |
| 37 cis-1,2-Dichloroethene      | 96  | 11.011       | 11.011           | 0.000            | 92  | 1204455  | 40.0               | 40.0                 |       |
| 38 Ethyl acetate               | 88  | 11.075       | 11.075           | 0.000            | 99  | 104648   | 40.0               | 40.0                 |       |
| * 39 Chlorobromomethane        | 128 | 11.434       | 11.434           | 0.000            | 87  | 202614   | 10.0               | 10.0                 |       |
| 40 Tetrahydrofuran             | 42  | 11.471       | 11.471           | 0.000            | 90  | 1220918  | 40.0               | 40.0                 |       |
| 41 Chloroform                  | 83  | 11.610       | 11.610           | 0.000            | 97  | 2500170  | 40.0               | 40.0                 |       |
| 42 1,1,1-Trichloroethane       | 97  | 11.915       | 11.915           | 0.000            | 96  | 2651798  | 40.0               | 40.0                 |       |
| 43 Cyclohexane                 | 84  | 12.049       | 12.049           | 0.000            | 97  | 1546564  | 40.0               | 40.0                 |       |
| 44 Carbon tetrachloride        | 117 | 12.199       | 12.199           | 0.000            | 98  | 2870038  | 40.0               | 40.0                 |       |
| 45 Benzene                     | 78  | 12.547       | 12.547           | 0.000            | 96  | 3395735  | 40.0               | 40.0                 |       |
| 46 1,2-Dichloroethane          | 62  | 12.627       | 12.627           | 0.000            | 98  | 1651708  | 40.0               | 40.0                 |       |
| 47 Isooctane                   | 57  | 12.766       | 12.766           | 0.000            | 98  | 5304532  | 40.0               | 40.0                 |       |
| 48 n-Heptane                   | 43  | 13.076       | 13.076           | 0.000            | 91  | 1989514  | 40.0               | 40.0                 |       |
| * 50 1,4-Difluorobenzene       | 114 | 13.295       | 13.295           | 0.000            | 94  | 996120   | 10.0               | 10.0                 |       |
| 53 n-Butanol                   | 56  | 13.509       | 13.509           | 0.000            | 89  | 870490   | 40.0               | 40.0                 |       |
| 51 Trichloroethene             | 95  | 13.729       | 13.729           | 0.000            | 99  | 1628371  | 40.0               | 40.0                 |       |
| 54 1,2-Dichloropropane         | 63  | 14.189       | 14.189           | 0.000            | 88  | 1359297  | 40.0               | 40.0                 |       |
| 55 Methyl methacrylate         | 69  | 14.274       | 14.274           | 0.000            | 95  | 1353110  | 40.0               | 40.0                 |       |
| 56 1,4-Dioxane                 | 88  | 14.312       | 14.312           | 0.000            | 93  | 752014   | 40.0               | 40.0                 |       |
| 57 Dibromomethane              | 174 | 14.344       | 14.344           | 0.000            | 92  | 1838913  | 40.0               | 40.0                 |       |
| 58 Dichlorobromomethane        | 83  | 14.660       | 14.660           | 0.000            | 99  | 2953749  | 40.0               | 40.0                 |       |
| 60 cis-1,3-Dichloropropene     | 75  | 15.462       | 15.462           | 0.000            | 94  | 2317088  | 40.0               | 40.0                 |       |
| 61 4-Methyl-2-pentanone (MIBK) | 43  | 15.719       | 15.719           | 0.000            | 97  | 2839803  | 40.0               | 40.0                 |       |
| 62 Toluene                     | 92  | 16.109       | 16.109           | 0.000            | 94  | 2821576  | 40.0               | 40.0                 |       |
| 63 n-Octane                    | 43  | 16.355       | 16.355           | 0.000            | 91  | 2987967  | 40.0               | 40.0                 |       |
| 64 trans-1,3-Dichloropropene   | 75  | 16.527       | 16.527           | 0.000            | 98  | 2200895  | 40.0               | 40.0                 |       |
| 65 1,1,2-Trichloroethane       | 83  | 16.901       | 16.901           | 0.000            | 98  | 1402034  | 40.0               | 40.0                 |       |
| 66 Tetrachloroethene           | 166 | 17.099       | 17.099           | 0.000            | 97  | 2819776  | 40.0               | 40.0                 |       |
| 67 2-Hexanone                  | 43  | 17.308       | 17.308           | 0.000            | 95  | 2799429  | 40.0               | 40.0                 |       |
| 68 Chlorodibromomethane        | 129 | 17.645       | 17.645           | 0.000            | 98  | 3392735  | 40.0               | 40.0                 |       |
| 69 Ethylene Dibromide          | 107 | 17.886       | 17.886           | 0.000            | 98  | 2647916  | 40.0               | 40.0                 |       |
| * 70 Chlorobenzene-d5          | 117 | 18.795       | 18.795           | 0.000            | 86  | 929503   | 10.0               | 10.0                 |       |
| 71 Chlorobenzene               | 112 | 18.854       | 18.854           | 0.000            | 95  | 3908462  | 40.0               | 40.0                 |       |
| 73 Ethylbenzene                | 91  | 19.046       | 19.046           | 0.000            | 98  | 6329452  | 40.0               | 40.0                 |       |
| 74 m-Xylene & p-Xylene         | 106 | 19.314       | 19.314           | 0.000            | 0   | 4943165  | 80.0               | 80.0                 |       |
| 75 n-Nonane                    | 57  | 19.373       | 19.373           | 0.000            | 89  | 2858093  | 40.0               | 40.0                 |       |
| 76 o-Xylene                    | 106 | 20.084       | 20.084           | 0.000            | 100 | 2423926  | 40.0               | 40.0                 |       |
| S 77 Xylenes, Total            | 106 |              |                  |                  | 0   |          | 120.0              | 120.0                |       |
| 78 Styrene                     | 104 | 20.122       | 20.122           | 0.000            | 99  | 3905248  | 40.0               | 40.0                 |       |
| 79 Bromoform                   | 173 | 20.469       | 20.469           | 0.000            | 98  | 3608229  | 40.0               | 40.0                 |       |
| 80 Isopropylbenzene            | 105 | 20.785       | 20.785           | 0.000            | 96  | 7120628  | 40.0               | 40.0                 |       |
| 81 1,1,2,2-Tetrachloroethane   | 83  | 21.299       | 21.299           | 0.000            | 99  | 3689738  | 40.0               | 40.0                 |       |
| 82 1,2,3-Trichloropropane      | 75  | 21.400       | 21.400           | 0.000            | 97  | 2856106  | 40.0               | 40.0                 |       |
| 83 N-Propylbenzene             | 91  | 21.502       | 21.502           | 0.000            | 99  | 8385864  | 40.0               | 40.0                 |       |
| 84 2-Chlorotoluene             | 91  | 21.646       | 21.646           | 0.000            | 97  | 5162330  | 40.0               | 40.0                 |       |
| 85 4-Ethyltoluene              | 105 | 21.700       | 21.700           | 0.000            | 98  | 7079475  | 40.0               | 40.0                 |       |
| 86 1,3,5-Trimethylbenzene      | 105 | 21.791       | 21.791           | 0.000            | 94  | 5881063  | 40.0               | 40.0                 |       |
| 87 n-Decane                    | 57  | 21.823       | 21.823           | 0.000            | 92  | 3587804  | 40.0               | 40.0                 |       |
| 88 Alpha Methyl Styrene        | 118 | 22.117       | 22.117           | 0.000            | 89  | 3132280  | 40.0               | 40.0                 |       |



## Preliminary Report

Data File: \\chromfs\Burlington\ChromData\CHW.i\20201210-43999.b\43974-009.d

| Compound                   | Sig | RT<br>(min.) | Adj RT<br>(min.) | Dlt RT<br>(min.) | Q  | Response | Cal Amt<br>ppb v/v | OnCol Amt<br>ppb v/v | Flags |
|----------------------------|-----|--------------|------------------|------------------|----|----------|--------------------|----------------------|-------|
| 89 tert-Butylbenzene       | 119 | 22.272       | 22.272           | 0.000            | 94 | 5913150  | 40.0               | 40.0                 |       |
| 90 1,2,4-Trimethylbenzene  | 105 | 22.358       | 22.358           | 0.000            | 98 | 5889652  | 40.0               | 40.0                 |       |
| 91 sec-Butylbenzene        | 105 | 22.599       | 22.599           | 0.000            | 98 | 8641148  | 40.0               | 40.0                 |       |
| 92 1,3-Dichlorobenzene     | 146 | 22.770       | 22.770           | 0.000            | 97 | 4175508  | 40.0               | 40.0                 |       |
| 93 4-Isopropyltoluene      | 119 | 22.813       | 22.813           | 0.000            | 97 | 7611898  | 40.0               | 40.0                 |       |
| 94 1,4-Dichlorobenzene     | 146 | 22.909       | 22.909           | 0.000            | 96 | 4044430  | 40.0               | 40.0                 |       |
| 95 Benzyl chloride         | 91  | 23.059       | 23.059           | 0.000            | 99 | 5120880  | 40.0               | 40.0                 |       |
| 96 n-Butylbenzene          | 91  | 23.369       | 23.369           | 0.000            | 98 | 6881449  | 40.0               | 40.0                 |       |
| 97 1,2-Dichlorobenzene     | 146 | 23.401       | 23.401           | 0.000            | 97 | 4137925  | 40.0               | 40.0                 |       |
| 98 Undecane                | 57  | 23.513       | 23.513           | 0.000            | 94 | 3977790  | 40.0               | 40.0                 |       |
| 99 Dodecane                | 57  | 25.097       | 25.097           | 0.000            | 97 | 3607204  | 40.0               | 40.0                 |       |
| 100 1,2,4-Trichlorobenzene | 180 | 25.835       | 25.835           | 0.000            | 94 | 3001167  | 40.0               | 40.0                 |       |
| 101 Hexachlorobutadiene    | 225 | 26.087       | 26.087           | 0.000            | 97 | 3646341  | 40.0               | 40.0                 |       |
| 102 Naphthalene            | 128 | 26.317       | 26.317           | 0.000            | 99 | 6508304  | 40.0               | 40.0                 |       |
| 103 1,2,3-Trichlorobenzene | 180 | 26.729       | 26.729           | 0.000            | 95 | 2966358  | 40.0               | 40.0                 |       |
| 112 Methylcyclohexane      | 83  |              | 0.000            |                  |    |          | ND                 | ND                   |       |

## QC Flag Legend

Processing Flags

ND - Not Detected or Marked ND

p - Peak ID'ed as Multiple Compounds

## Reagents:

ATTO15CALSTKI\_00136

Amount Added: 40.00

Units: mL

ATTO15WISs\_00008

Amount Added: 20.00

Units: mL

Run Reagent

Reagent

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**ATTO15CALs\_00043**


**Reagent ID: 40XX200tankD\_00001**

Description: 200ppb v/v Tank D Bur Recert  
 No. of Bottles: 1  
 Storage Location: Ambient Air Canister Reagent Storage  
 Reagent Volume: 36.700 psi absolute  
 Creation Date: 12/07/2020  
 Open Date:  
 Container(s): 343746  
 Comment: Adjusted for nominal value of 200 ppb v/v can SN1652

Expiration Date: 02/07/2021  
 Laboratory: Eurofins TestAmerica, Knoxville  
 Prepared By: Barlozhetskaya, Anna F  
 Solvent: Nitrogen  
 Solvent Lot: Dewar

### Reagent Analyte Information

| Analyte                                | Source ID        | Source Exp. Date | Source Conc. | Source Conc. Units | Final Conc. | Final Conc. Units |
|----------------------------------------|------------------|------------------|--------------|--------------------|-------------|-------------------|
| 1,1,1-Trichloroethane                  | 40MXTANKDP_00008 | 11/25/2021       | 1.00000      | ppm v/v            | 200.00000   | ppb v/v           |
| 1,1,2,2-Tetrachloroethane              | 40MXTANKDP_00008 | 11/25/2021       | 1.00000      | ppm v/v            | 200.00000   | ppb v/v           |
| 1,1,2-Trichloro-1,2,2-trifluoroethane  | 40MXTANKDP_00008 | 11/25/2021       | 1.00000      | ppm v/v            | 200.00000   | ppb v/v           |
| 1,1,2-Trichloroethane                  | 40MXTANKDP_00008 | 11/25/2021       | 1.00000      | ppm v/v            | 200.00000   | ppb v/v           |
| 1,1-Dichloroethane                     | 40MXTANKDP_00008 | 11/25/2021       | 1.00000      | ppm v/v            | 200.00000   | ppb v/v           |
| 1,1-Dichloroethene                     | 40MXTANKDP_00008 | 11/25/2021       | 1.00000      | ppm v/v            | 200.00000   | ppb v/v           |
| 1,2,3-Trichlorobenzene                 | 40MXTANKDP_00008 | 11/25/2021       | 1.00000      | ppm v/v            | 200.00000   | ppb v/v           |
| 1,2,3-Trichloropropane                 | 40MXTANKDP_00008 | 11/25/2021       | 1.00000      | ppm v/v            | 200.00000   | ppb v/v           |
| 1,2,4-Trichlorobenzene                 | 40MXTANKDP_00008 | 11/25/2021       | 1.00000      | ppm v/v            | 200.00000   | ppb v/v           |
| 1,2,4-Trimethylbenzene                 | 40MXTANKDP_00008 | 11/25/2021       | 1.00000      | ppm v/v            | 200.00000   | ppb v/v           |
| 1,2-Dichloro-1,1,2,2-tetrafluoroethane | 40MXTANKDP_00008 | 11/25/2021       | 1.00000      | ppm v/v            | 200.00000   | ppb v/v           |
| 1,2-Dichlorobenzene                    | 40MXTANKDP_00008 | 11/25/2021       | 1.00000      | ppm v/v            | 200.00000   | ppb v/v           |
| 1,2-Dichloroethane                     | 40MXTANKDP_00008 | 11/25/2021       | 1.00000      | ppm v/v            | 200.00000   | ppb v/v           |
| 1,2-Dichloroethene, Total              | 40MXTANKDP_00008 | 11/25/2021       | 2.00000      | ppm v/v            | 400.00000   | ppb v/v           |
| 1,2-Dichloropropane                    | 40MXTANKDP_00008 | 11/25/2021       | 1.00000      | ppm v/v            | 200.00000   | ppb v/v           |
| 1,3,5-Trimethylbenzene                 | 40MXTANKDP_00008 | 11/25/2021       | 1.00000      | ppm v/v            | 200.00000   | ppb v/v           |
| 1,3-Dichlorobenzene                    | 40MXTANKDP_00008 | 11/25/2021       | 1.00000      | ppm v/v            | 200.00000   | ppb v/v           |
| 1,4-Dichlorobenzene                    | 40MXTANKDP_00008 | 11/25/2021       | 1.00000      | ppm v/v            | 200.00000   | ppb v/v           |


**Reagent ID: 40XX200tankD\_00001**

|                   |                                                      |                  |                                 |
|-------------------|------------------------------------------------------|------------------|---------------------------------|
| Description:      | 200ppb v/v Tank D Bur Recert                         | Expiration Date: | 02/07/2021                      |
| No. of Bottles:   | 1                                                    | Laboratory:      | Eurofins TestAmerica, Knoxville |
| Storage Location: | Ambient Air Canister Reagent Storage                 | Prepared By:     | Barlozhetskaya, Anna F          |
| Reagent Volume:   | 36.700 psi absolute                                  | Solvent:         | Nitrogen                        |
| Creation Date:    | 12/07/2020                                           | Solvent Lot:     | Dewar                           |
| Open Date:        |                                                      |                  |                                 |
| Container(s):     | 343746                                               |                  |                                 |
| Comment:          | Adjusted for nominal value of 200 ppb v/v can SN1652 |                  |                                 |

### Reagent Analyte Information

| Analyte                     | Source ID        | Source Exp. Date | Source Conc. | Source Conc. Units | Final Conc. | Final Conc. Units |
|-----------------------------|------------------|------------------|--------------|--------------------|-------------|-------------------|
| 1,4-Dioxane                 | 40MXTANKDP_00008 | 11/25/2021       | 1.00000      | ppm v/v            | 200.00000   | ppb v/v           |
| 2-Butanone (MEK)            | 40MXTANKDP_00008 | 11/25/2021       | 1.00000      | ppm v/v            | 200.00000   | ppb v/v           |
| 2-Chlorotoluene             | 40MXTANKDP_00008 | 11/25/2021       | 1.00000      | ppm v/v            | 200.00000   | ppb v/v           |
| 2-Hexanone                  | 40MXTANKDP_00008 | 11/25/2021       | 1.00000      | ppm v/v            | 200.00000   | ppb v/v           |
| 2-Methyl-2-propanol         | 40MXTANKDP_00008 | 11/25/2021       | 1.00000      | ppm v/v            | 200.00000   | ppb v/v           |
| 2-Methylbutane              | 40MXTANKDP_00008 | 11/25/2021       | 1.00000      | ppm v/v            | 200.00000   | ppb v/v           |
| 3-Chloro-1-propene          | 40MXTANKDP_00008 | 11/25/2021       | 1.00000      | ppm v/v            | 200.00000   | ppb v/v           |
| 4-Ethyltoluene              | 40MXTANKDP_00008 | 11/25/2021       | 1.00000      | ppm v/v            | 200.00000   | ppb v/v           |
| 4-Isopropyltoluene          | 40MXTANKDP_00008 | 11/25/2021       | 1.00000      | ppm v/v            | 200.00000   | ppb v/v           |
| 4-Methyl-2-pentanone (MIBK) | 40MXTANKDP_00008 | 11/25/2021       | 1.00000      | ppm v/v            | 200.00000   | ppb v/v           |
| Acetone                     | 40MXTANKDP_00008 | 11/25/2021       | 1.00000      | ppm v/v            | 200.00000   | ppb v/v           |
| Acetonitrile                | 40MXTANKDP_00008 | 11/25/2021       | 1.00000      | ppm v/v            | 200.00000   | ppb v/v           |
| Acrolein                    | 40MXTANKDP_00008 | 11/25/2021       | 1.00000      | ppm v/v            | 200.00000   | ppb v/v           |
| Acrylonitrile               | 40MXTANKDP_00008 | 11/25/2021       | 1.00000      | ppm v/v            | 200.00000   | ppb v/v           |
| Alpha Methyl Styrene        | 40MXTANKDP_00008 | 11/25/2021       | 1.00000      | ppm v/v            | 200.00000   | ppb v/v           |
| Benzene                     | 40MXTANKDP_00008 | 11/25/2021       | 1.00000      | ppm v/v            | 200.00000   | ppb v/v           |
| Benzyl chloride             | 40MXTANKDP_00008 | 11/25/2021       | 1.00000      | ppm v/v            | 200.00000   | ppb v/v           |
| Bromoform                   | 40MXTANKDP_00008 | 11/25/2021       | 1.00000      | ppm v/v            | 200.00000   | ppb v/v           |


**Reagent ID: 40XX200tankD\_00001**

Description: 200ppb v/v Tank D Bur Recert  
 No. of Bottles: 1  
 Storage Location: Ambient Air Canister Reagent Storage  
 Reagent Volume: 36.700 psi absolute  
 Creation Date: 12/07/2020  
 Open Date:  
 Container(s): 343746  
 Comment: Adjusted for nominal value of 200 ppb v/v can SN1652

Expiration Date: 02/07/2021  
 Laboratory: Eurofins TestAmerica, Knoxville  
 Prepared By: Barlozhetskaya, Anna F  
 Solvent: Nitrogen  
 Solvent Lot: Dewar

### Reagent Analyte Information

| Analyte                 | Source ID        | Source Exp. Date | Source Conc. | Source Conc. Units | Final Conc. | Final Conc. Units |
|-------------------------|------------------|------------------|--------------|--------------------|-------------|-------------------|
| Bromomethane            | 40MXTANKDP_00008 | 11/25/2021       | 1.00000      | ppm v/v            | 200.00000   | ppb v/v           |
| Butadiene               | 40MXTANKDP_00008 | 11/25/2021       | 1.00000      | ppm v/v            | 200.00000   | ppb v/v           |
| Butane                  | 40MXTANKDP_00008 | 11/25/2021       | 1.00000      | ppm v/v            | 200.00000   | ppb v/v           |
| C6 Range                | 40MXTANKDP_00008 | 11/25/2021       | 1.00000      | ppm v/v            | 200.00000   | ppb v/v           |
| C8 Range                | 40MXTANKDP_00008 | 11/25/2021       | 1.00000      | ppm v/v            | 200.00000   | ppb v/v           |
| Carbon disulfide        | 40MXTANKDP_00008 | 11/25/2021       | 1.00000      | ppm v/v            | 200.00000   | ppb v/v           |
| Carbon tetrachloride    | 40MXTANKDP_00008 | 11/25/2021       | 1.00000      | ppm v/v            | 200.00000   | ppb v/v           |
| Chlorobenzene           | 40MXTANKDP_00008 | 11/25/2021       | 1.00000      | ppm v/v            | 200.00000   | ppb v/v           |
| Chlorodibromomethane    | 40MXTANKDP_00008 | 11/25/2021       | 1.00000      | ppm v/v            | 200.00000   | ppb v/v           |
| Chlorodifluoromethane   | 40MXTANKDP_00008 | 11/25/2021       | 1.00000      | ppm v/v            | 200.00000   | ppb v/v           |
| Chloroethane            | 40MXTANKDP_00008 | 11/25/2021       | 1.00000      | ppm v/v            | 200.00000   | ppb v/v           |
| Chloroform              | 40MXTANKDP_00008 | 11/25/2021       | 1.00000      | ppm v/v            | 200.00000   | ppb v/v           |
| Chloromethane           | 40MXTANKDP_00008 | 11/25/2021       | 1.00000      | ppm v/v            | 200.00000   | ppb v/v           |
| cis-1,2-Dichloroethene  | 40MXTANKDP_00008 | 11/25/2021       | 1.00000      | ppm v/v            | 200.00000   | ppb v/v           |
| cis-1,3-Dichloropropene | 40MXTANKDP_00008 | 11/25/2021       | 1.00000      | ppm v/v            | 200.00000   | ppb v/v           |
| Cyclohexane             | 40MXTANKDP_00008 | 11/25/2021       | 1.00000      | ppm v/v            | 200.00000   | ppb v/v           |
| Dibromomethane          | 40MXTANKDP_00008 | 11/25/2021       | 1.00000      | ppm v/v            | 200.00000   | ppb v/v           |
| Dichlorobromomethane    | 40MXTANKDP_00008 | 11/25/2021       | 1.00000      | ppm v/v            | 200.00000   | ppb v/v           |


**Reagent ID: 40XX200tankD\_00001**

Description: 200ppb v/v Tank D Bur Recert  
 No. of Bottles: 1  
 Storage Location: Ambient Air Canister Reagent Storage  
 Reagent Volume: 36.700 psi absolute  
 Creation Date: 12/07/2020  
 Open Date:  
 Container(s): 343746  
 Comment: Adjusted for nominal value of 200 ppb v/v can SN1652

Expiration Date: 02/07/2021  
 Laboratory: Eurofins TestAmerica, Knoxville  
 Prepared By: Barlozhetskaya, Anna F  
 Solvent: Nitrogen  
 Solvent Lot: Dewar

### Reagent Analyte Information

| Analyte                 | Source ID        | Source Exp. Date | Source Conc. | Source Conc. Units | Final Conc. | Final Conc. Units |
|-------------------------|------------------|------------------|--------------|--------------------|-------------|-------------------|
| Dichlorodifluoromethane | 40MXTANKDP_00008 | 11/25/2021       | 1.00000      | ppm v/v            | 200.00000   | ppb v/v           |
| Dodecane                | 40MXTANKDP_00008 | 11/25/2021       | 1.00000      | ppm v/v            | 200.00000   | ppb v/v           |
| Ethyl acetate           | 40MXTANKDP_00008 | 11/25/2021       | 1.00000      | ppm v/v            | 200.00000   | ppb v/v           |
| Ethyl ether             | 40MXTANKDP_00008 | 11/25/2021       | 1.00000      | ppm v/v            | 200.00000   | ppb v/v           |
| Ethylbenzene            | 40MXTANKDP_00008 | 11/25/2021       | 1.00000      | ppm v/v            | 200.00000   | ppb v/v           |
| Ethylene Dibromide      | 40MXTANKDP_00008 | 11/25/2021       | 1.00000      | ppm v/v            | 200.00000   | ppb v/v           |
| Hexachlorobutadiene     | 40MXTANKDP_00008 | 11/25/2021       | 1.00000      | ppm v/v            | 200.00000   | ppb v/v           |
| Hexane                  | 40MXTANKDP_00008 | 11/25/2021       | 1.00000      | ppm v/v            | 200.00000   | ppb v/v           |
| Isooctane               | 40MXTANKDP_00008 | 11/25/2021       | 1.00000      | ppm v/v            | 200.00000   | ppb v/v           |
| Isopropyl alcohol       | 40MXTANKDP_00008 | 11/25/2021       | 1.00000      | ppm v/v            | 200.00000   | ppb v/v           |
| Isopropylbenzene        | 40MXTANKDP_00008 | 11/25/2021       | 1.00000      | ppm v/v            | 200.00000   | ppb v/v           |
| Methyl methacrylate     | 40MXTANKDP_00008 | 11/25/2021       | 1.00000      | ppm v/v            | 200.00000   | ppb v/v           |
| Methyl tert-butyl ether | 40MXTANKDP_00008 | 11/25/2021       | 1.00000      | ppm v/v            | 200.00000   | ppb v/v           |
| Methylene Chloride      | 40MXTANKDP_00008 | 11/25/2021       | 1.00000      | ppm v/v            | 200.00000   | ppb v/v           |
| m-Xylene & p-Xylene     | 40MXTANKDP_00008 | 11/25/2021       | 2.00000      | ppm v/v            | 400.00000   | ppb v/v           |
| Naphthalene             | 40MXTANKDP_00008 | 11/25/2021       | 1.00000      | ppm v/v            | 200.00000   | ppb v/v           |
| n-Butanol               | 40MXTANKDP_00008 | 11/25/2021       | 1.00000      | ppm v/v            | 200.00000   | ppb v/v           |
| n-Butylbenzene          | 40MXTANKDP_00008 | 11/25/2021       | 1.00000      | ppm v/v            | 200.00000   | ppb v/v           |


**Reagent ID: 40XX200tankD\_00001**

Description: 200ppb v/v Tank D Bur Recert  
 No. of Bottles: 1  
 Storage Location: Ambient Air Canister Reagent Storage  
 Reagent Volume: 36.700 psi absolute  
 Creation Date: 12/07/2020  
 Open Date:  
 Container(s): 343746  
 Comment: Adjusted for nominal value of 200 ppb v/v can SN1652

Expiration Date: 02/07/2021  
 Laboratory: Eurofins TestAmerica, Knoxville  
 Prepared By: Barlozhetskaya, Anna F  
 Solvent: Nitrogen  
 Solvent Lot: Dewar

### Reagent Analyte Information

| Analyte                   | Source ID        | Source Exp. Date | Source Conc. | Source Conc. Units | Final Conc. | Final Conc. Units |
|---------------------------|------------------|------------------|--------------|--------------------|-------------|-------------------|
| n-Decane                  | 40MXTANKDP_00008 | 11/25/2021       | 1.00000      | ppm v/v            | 200.00000   | ppb v/v           |
| n-Heptane                 | 40MXTANKDP_00008 | 11/25/2021       | 1.00000      | ppm v/v            | 200.00000   | ppb v/v           |
| n-Nonane                  | 40MXTANKDP_00008 | 11/25/2021       | 1.00000      | ppm v/v            | 200.00000   | ppb v/v           |
| n-Octane                  | 40MXTANKDP_00008 | 11/25/2021       | 1.00000      | ppm v/v            | 200.00000   | ppb v/v           |
| N-Propylbenzene           | 40MXTANKDP_00008 | 11/25/2021       | 1.00000      | ppm v/v            | 200.00000   | ppb v/v           |
| o-Xylene                  | 40MXTANKDP_00008 | 11/25/2021       | 1.00000      | ppm v/v            | 200.00000   | ppb v/v           |
| Pentane                   | 40MXTANKDP_00008 | 11/25/2021       | 1.00000      | ppm v/v            | 200.00000   | ppb v/v           |
| Propene                   | 40MXTANKDP_00008 | 11/25/2021       | 1.00000      | ppm v/v            | 200.00000   | ppb v/v           |
| sec-Butylbenzene          | 40MXTANKDP_00008 | 11/25/2021       | 1.00000      | ppm v/v            | 200.00000   | ppb v/v           |
| Styrene                   | 40MXTANKDP_00008 | 11/25/2021       | 1.00000      | ppm v/v            | 200.00000   | ppb v/v           |
| tert-Butylbenzene         | 40MXTANKDP_00008 | 11/25/2021       | 1.00000      | ppm v/v            | 200.00000   | ppb v/v           |
| Tetrachloroethene         | 40MXTANKDP_00008 | 11/25/2021       | 1.00000      | ppm v/v            | 200.00000   | ppb v/v           |
| Tetrahydrofuran           | 40MXTANKDP_00008 | 11/25/2021       | 1.00000      | ppm v/v            | 200.00000   | ppb v/v           |
| Toluene                   | 40MXTANKDP_00008 | 11/25/2021       | 1.00000      | ppm v/v            | 200.00000   | ppb v/v           |
| Toluene Range             | 40MXTANKDP_00008 | 11/25/2021       | 1.00000      | ppm v/v            | 200.00000   | ppb v/v           |
| trans-1,2-Dichloroethene  | 40MXTANKDP_00008 | 11/25/2021       | 1.00000      | ppm v/v            | 200.00000   | ppb v/v           |
| trans-1,3-Dichloropropene | 40MXTANKDP_00008 | 11/25/2021       | 1.00000      | ppm v/v            | 200.00000   | ppb v/v           |
| Trichloroethene           | 40MXTANKDP_00008 | 11/25/2021       | 1.00000      | ppm v/v            | 200.00000   | ppb v/v           |


**Reagent ID: 40XX200tankD\_00001**

Description: 200ppb v/v Tank D Bur Recert  
 No. of Bottles: 1  
 Storage Location: Ambient Air Canister Reagent Storage  
 Reagent Volume: 36.700 psi absolute  
 Creation Date: 12/07/2020  
 Open Date:  
 Container(s): 343746  
 Comment: Adjusted for nominal value of 200 ppb v/v can SN1652

Expiration Date: 02/07/2021  
 Laboratory: Eurofins TestAmerica, Knoxville  
 Prepared By: Barlozhetskaya, Anna F  
 Solvent: Nitrogen  
 Solvent Lot: Dewar

### Reagent Analyte Information

| Analyte                | Source ID        | Source Exp. Date | Source Conc. | Source Conc. Units | Final Conc. | Final Conc. Units |
|------------------------|------------------|------------------|--------------|--------------------|-------------|-------------------|
| Trichlorofluoromethane | 40MXTANKDP_00008 | 11/25/2021       | 1.00000      | ppm v/v            | 200.00000   | ppb v/v           |
| Undecane               | 40MXTANKDP_00008 | 11/25/2021       | 1.00000      | ppm v/v            | 200.00000   | ppb v/v           |
| Vinyl acetate          | 40MXTANKDP_00008 | 11/25/2021       | 1.00000      | ppm v/v            | 200.00000   | ppb v/v           |
| Vinyl bromide          | 40MXTANKDP_00008 | 11/25/2021       | 1.00000      | ppm v/v            | 200.00000   | ppb v/v           |
| Vinyl chloride         | 40MXTANKDP_00008 | 11/25/2021       | 1.00000      | ppm v/v            | 200.00000   | ppb v/v           |
| Xylenes, Total         | 40MXTANKDP_00008 | 11/25/2021       | 3.00000      | ppm v/v            | 600.00000   | ppb v/v           |

### Source Reagents

| Reagent          | Description         | Type | Expiration | Vendor | Vendor Lot # | Vendor Cat Lot # | Volume Used | Volume Units |
|------------------|---------------------|------|------------|--------|--------------|------------------|-------------|--------------|
| 40MXTANKDP_00008 | Tank D Mega primary | ASTD | 11/25/21   | Linde  | CC-118524    | PO:US11382327    | 34000       | psi abs      |



4700 Precision Diluter Standards Preparation Report

Date: 12/7/2020 10:39:34 AM

Dilution ID: 399

Canister Size: 15000cc

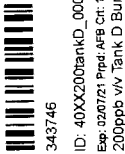
Canister ID: SN# 1652

Target Final Psia: 36.7

Report ID: 343746

Prepared By: AFB

Comment: 200 ppb v/v Burlington Recert



Channel Methods

| Ch. | Title      | Init. Conc. | Target Conc. | Dilution Factor | Init. Psia | Target Psid | Final Psid | Target Psia | Final Psia | Duration | Final Conc. |
|-----|------------|-------------|--------------|-----------------|------------|-------------|------------|-------------|------------|----------|-------------|
| 1   | Diluent    | 100 percent | 100 percent  | 1               | 0.32       | 11.64       | 11.64      | 11.96       | 11.96      | 00:11:48 | N/A         |
| 3   | D Mega Pri | 1000 ppb    | 200 ppb      | 5               | 11.96      | 7.28        | 7.28       | 19.24       | 19.24      | 00:19:34 | 200.1 ppb   |
| 1   | Diluent    | 100 percent | 100 percent  | 1               | 19.24      | 17.46       | 17.46      | 36.70       | 36.70      | 00:18:04 | N/A         |

Total Duration: 00:49:33

Channel Configuration and Standards Inventory

| Ch. | Source     | Init. Conc. | Cylinder ID | Expiration Date | Notes |
|-----|------------|-------------|-------------|-----------------|-------|
| 1   | Diluent    | 100 percent |             | 12/31/2021      |       |
| 3   | D Mega Pri | 1000 ppb    |             | 11/25/2021      |       |

THE LINDE GROUP



343163

 ID: A0000000000000000000  
 Description: 1 Purity: 99.999%  
 Tank ID: 10000000000000000000

Linde

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 5815 Middlebrook Pike  
 Knoxville, TN 37921

PAGE: 1 of 4

*Tank D to 12/2/20*

## ANALYSIS REPORT

Sales#: 117401727  
 Production#: 1523772  
 Report Date: Nov-24-2020  
 P.O.# : US113823280  
 Blend Type: QUALIFIED  
 Material#: 24106776  
 Traceability: NIST by weight  
 Expiration Date: Nov-24-2021  
 Do NOT use under: 150 psig

Cylinder Size: 152 (8" X 47.5")  
 Cylinder # : CC-118524  
 Cylinder Pressure: 1700 psig  
 Cylinder Valve: CGA 350 / Steel  
 Cylinder Volume: 29.5 Liter  
 Cylinder Material: Aluminum  
 Gas Volume: 3400 Liters  
 Blend Tolerance: 10% Relative  
 Analytical Accuracy: 5% Relative

| COMPONENT                             | CAS<br>NUMBER | REQUESTED<br>CONC | QUALIFIED<br>CONC |
|---------------------------------------|---------------|-------------------|-------------------|
| Propylene                             | 115-07-1      | 1.00 ppm          | 1.04 ppm          |
| Chlorodifluoromethane                 | 75-45-6       | 1.00 ppm          | 1.06 ppm          |
| Freon-12                              | 75-71-8       | 1.00 ppm          | 1.03 ppm          |
| Chloromethane                         | 74-87-3       | 1.00 ppm          | 1.04 ppm          |
| Freon-114                             | 76-14-2       | 1.00 ppm          | 1.03 ppm          |
| Vinyl Chloride                        | 75-01-4       | 1.00 ppm          | 1.04 ppm          |
| 1,3-Butadiene                         | 106-99-0      | 1.00 ppm          | 1.04 ppm          |
| Methanol (No Stability Guarantee)     | 67-56-1       | 1.00 ppm          | 0.81 ppm          |
| n-Butane                              | 106-97-8      | 1.00 ppm          | 1.06 ppm          |
| Bromomethane                          | 74-83-9       | 1.00 ppm          | 1.04 ppm          |
| Chloroethane                          | 75-00-3       | 1.00 ppm          | 1.04 ppm          |
| Vinyl Bromide                         | 593-60-2      | 1.00 ppm          | 1.04 ppm          |
| Acetonitrile (No Stability Guarantee) | 75-05-8       | 1.00 ppm          | 1.00 ppm          |
| Acrolein                              | 107-02-8      | 1.00 ppm          | 0.99 ppm          |
| Isopentane                            | 78-78-4       | 1.00 ppm          | 1.03 ppm          |
| Acetone                               | 67-64-1       | 1.00 ppm          | 1.02 ppm          |
| Freon-11                              | 75-69-4       | 1.00 ppm          | 1.05 ppm          |
| Isopropyl Alcohol                     | 67-63-0       | 1.00 ppm          | 1.04 ppm          |
| Acrylonitrile                         | 107-13-1      | 1.00 ppm          | 1.03 ppm          |
| n-Pentane                             | 109-66-0      | 1.00 ppm          | 1.04 ppm          |
| Ethyl Ether                           | 60-29-7       | 1.00 ppm          | 1.03 ppm          |
| 1,1-Dichloroethene                    | 75-35-4       | 1.00 ppm          | 1.05 ppm          |
| Carbon Disulfide                      | 75-15-0       | 1.00 ppm          | 1.03 ppm          |
| Methylene Chloride                    | 75-09-2       | 1.00 ppm          | 1.03 ppm          |
| Tert-Butanol                          | 75-65-0       | 1.00 ppm          | 1.10 ppm          |
| 3-Chloropropene                       | 107-05-1      | 1.00 ppm          | 1.03 ppm          |
| Freon-113                             | 76-13-1       | 1.00 ppm          | 1.03 ppm          |
| Trans-1,2-Dichloroethene              | 156-60-5      | 1.00 ppm          | 1.04 ppm          |
| 1,1-Dichloroethane                    | 75-34-3       | 1.00 ppm          | 1.04 ppm          |
| Methyl Tert Butyl Ether               | 1634-04-4     | 1.00 ppm          | 1.03 ppm          |

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Knoxville, TN 37921

**PAGE:** 2 of 4

### ANALYSIS REPORT

|                          |                |                             |                  |
|--------------------------|----------------|-----------------------------|------------------|
| <b>Sales#:</b>           | 117401727      | <b>Cylinder Size:</b>       | 152 (8" X 47.5") |
| <b>Production#:</b>      | 1523772        | <b>Cylinder # :</b>         | CC-118524        |
| <b>Report Date:</b>      | Nov-24-2020    | <b>Cylinder Pressure:</b>   | 1700 psig        |
| <b>P.O.# :</b>           | US113823280    | <b>Cylinder Valve:</b>      | CGA 350 / Steel  |
| <b>Blend Type:</b>       | QUALIFIED      | <b>Cylinder Volume:</b>     | 29.5 Liter       |
| <b>Material#:</b>        | 24106776       | <b>Cylinder Material:</b>   | Aluminum         |
| <b>Traceability:</b>     | NIST by weight | <b>Gas Volume:</b>          | 3400 Liters      |
| <b>Expiration Date:</b>  | Nov-24-2021    | <b>Blend Tolerance:</b>     | 10% Relative     |
| <b>Do NOT use under:</b> | 150 psig       | <b>Analytical Accuracy:</b> | 5% Relative      |

| COMPONENT                 | CAS<br>NUMBER | REQUESTED<br>CONC | QUALIFIED<br>CONC |
|---------------------------|---------------|-------------------|-------------------|
| Vinyl Acetate             | 108-05-4      | 1.00 ppm          | 1.10 ppm          |
| Methyl Ethyl Ketone       | 78-93-3       | 1.00 ppm          | 1.02 ppm          |
| Cis-1,2-Dichloroethene    | 156-59-2      | 1.00 ppm          | 1.04 ppm          |
| Hexane                    | 110-54-3      | 1.00 ppm          | 1.03 ppm          |
| Chloroform                | 67-66-3       | 1.00 ppm          | 1.04 ppm          |
| Ethyl Acetate             | 141-78-6      | 1.00 ppm          | 1.04 ppm          |
| Tetrahydrofuran           | 109-99-9      | 1.00 ppm          | 1.02 ppm          |
| 1,2-Dichloroethane        | 107-06-2      | 1.00 ppm          | 1.03 ppm          |
| 1,1,1-Trichloroethane     | 71-55-6       | 1.00 ppm          | 1.03 ppm          |
| Benzene                   | 71-43-2       | 1.00 ppm          | 1.04 ppm          |
| 1-Butanol                 | 71-36-3       | 1.00 ppm          | 0.92 ppm          |
| Carbon Tetrachloride      | 56-23-5       | 1.00 ppm          | 1.02 ppm          |
| Cyclohexane               | 110-82-7      | 1.00 ppm          | 1.03 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          | 1.00 ppm          |
| Bromodichloromethane      | 75-27-4       | 1.00 ppm          | 1.00 ppm          |
| 1,4-Dioxane               | 123-91-1      | 1.00 ppm          | 1.00 ppm          |
| 2,2,4-Trimethylpentane    | 540-84-1      | 1.00 ppm          | 1.04 ppm          |
| Methyl Methacrylate       | 80-62-6       | 1.00 ppm          | 1.02 ppm          |
| Heptane                   | 142-82-5      | 1.00 ppm          | 1.03 ppm          |
| Cis-1,3-Dichloropropene   | 10061-01-5    | 1.00 ppm          | 1.01 ppm          |
| Methyl Isobutyl Ketone    | 108-10-1      | 1.00 ppm          | 1.03 ppm          |
| Trans-1,3-Dichloropropene | 10061-02-6    | 1.00 ppm          | 1.00 ppm          |
| 1,1,2-Trichloroethane     | 79-00-5       | 1.00 ppm          | 1.02 ppm          |
| Toluene                   | 108-88-3      | 1.00 ppm          | 1.02 ppm          |
| Methyl Butyl Ketone       | 591-78-6      | 1.00 ppm          | 1.00 ppm          |
| Dibromochloromethane      | 124-48-1      | 1.00 ppm          | 1.04 ppm          |
| 1,2-Dibromoethane         | 106-93-4      | 1.00 ppm          | 1.04 ppm          |
| n-Octane                  | 111-65-9      | 1.00 ppm          | 1.01 ppm          |

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Knoxville, TN 37921

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**ANALYSIS REPORT**

Sales#: 117401727  
Production#: 1523772  
Report Date: Nov-24-2020  
P.O.# : US113823280  
Blend Type: QUALIFIED  
Material#: 24106776  
Traceability: NIST by weight  
Expiration Date: Nov-24-2021  
Do NOT use under: 150 psig

Cylinder Size: 152 (8" X 47.5")  
Cylinder # : CC-118524  
Cylinder Pressure: 1700 psig  
Cylinder Valve: CGA 350 / Steel  
Cylinder Volume: 29.5 Liter  
Cylinder Material: Aluminum  
Gas Volume: 3400 Liters  
Blend Tolerance: 10% Relative  
Analytical Accuracy: 5% Relative

| COMPONENT                                     | CAS<br>NUMBER | REQUESTED<br>CONC | QUALIFIED<br>CONC |
|-----------------------------------------------|---------------|-------------------|-------------------|
| Tetrachloroethylene                           | 127-18-4      | 1.00 ppm          | 1.05 ppm          |
| Chlorobenzene                                 | 108-90-7      | 1.00 ppm          | 1.01 ppm          |
| Ethylbenzene                                  | 100-41-4      | 1.00 ppm          | 1.01 ppm          |
| p-xylene                                      | 106-42-3      | 1.00 ppm          | 1.00 ppm          |
| m-xylene                                      | 108-38-3      | 1.00 ppm          | 1.01 ppm          |
| Bromoform                                     | 75-25-2       | 1.00 ppm          | 1.01 ppm          |
| Styrene                                       | 100-42-5      | 1.00 ppm          | 1.00 ppm          |
| o-xylene                                      | 95-47-6       | 1.00 ppm          | 1.01 ppm          |
| 1,1,2,2-Tetrachloroethane                     | 79-34-5       | 1.00 ppm          | 1.01 ppm          |
| 1,2,3-Trichloropropane                        | 96-18-4       | 1.00 ppm          | 1.01 ppm          |
| Nonane                                        | 111-84-2      | 1.00 ppm          | 1.02 ppm          |
| Cumene                                        | 98-82-8       | 1.00 ppm          | 1.01 ppm          |
| 2-Chlorotoluene                               | 95-49-8       | 1.00 ppm          | 1.01 ppm          |
| n-Propylbenzene                               | 103-65-1      | 1.00 ppm          | 1.01 ppm          |
| 4-Ethyltoluene                                | 622-96-8      | 1.00 ppm          | 1.01 ppm          |
| 1,3,5-Trimethylbenzene                        | 108-67-8      | 1.00 ppm          | 1.01 ppm          |
| alpha-Methyl Styrene (No Stability Guarantee) | 98-83-9       | 1.00 ppm          | 0.99 ppm          |
| Tert-Butyl Benzene                            | 98-06-6       | 1.00 ppm          | 1.00 ppm          |
| 1,2,4-Trimethylbenzene                        | 95-63-6       | 1.00 ppm          | 1.01 ppm          |
| 1,3-Dichlorobenzene                           | 541-73-1      | 1.00 ppm          | 1.01 ppm          |
| Benzyl Chloride                               | 100-44-7      | 1.00 ppm          | 1.01 ppm          |
| n-Decane                                      | 124-18-5      | 1.00 ppm          | 0.99 ppm          |
| 1,4-Dichlorobenzene                           | 106-46-7      | 1.00 ppm          | 1.00 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          | 1.01 ppm          |
| n-Butyl Benzene                               | 104-51-8      | 1.00 ppm          | 1.01 ppm          |
| n-Undecane (No Stability Guarantee)           | 1120-21-4     | 1.00 ppm          | 1.00 ppm          |

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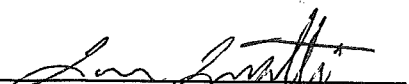
## ANALYSIS REPORT

Sales#: 117401727  
Production#: 1523772  
Report Date: Nov-24-2020  
P.O.# : US113823280  
Blend Type: QUALIFIED  
Material#: 24106776  
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Cylinder Size: 152 (8" X 47.5")  
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Cylinder Valve: CGA 350 / Steel  
Cylinder Volume: 29.5 Liter  
Cylinder Material: Aluminum  
Gas Volume: 3400 Liters  
Blend Tolerance: 10% Relative  
Analytical Accuracy: 5% Relative

| COMPONENT                                         | CAS<br>NUMBER | REQUESTED<br>CONC | QUALIFIED<br>CONC |
|---------------------------------------------------|---------------|-------------------|-------------------|
| 1,2,4-Trichlorobenzene (No Stability Guarantee)   | 120-82-1      | 1.00 ppm          | 0.96 ppm          |
| Naphthalene (No Stability Guarantee)              | 91-20-3       | 1.00 ppm          | 0.91 ppm          |
| n-Dodecane (No Stability Guarantee)               | 112-40-3      | 1.00 ppm          | 0.90 ppm          |
| 1,2,3-Trichlorobenzene (No Stability Guarantee)   | 87-61-6       | 1.00 ppm          | 0.91 ppm          |
| Hexachloro-1,3-Butadiene (No Stability Guarantee) | 87-68-3       | 1.00 ppm          | 0.94 ppm          |
| Nitrogen                                          | 7727-37-9     | Balance           | Balance           |

ANALYST:

  
Lou Lorenzetti

DATE: Nov-24-2020

## Preliminary Report

Eurofins TestAmerica, Burlington  
Target Compound Quantitation Report

Data File: \\chromfs\Burlington\ChromData\CHW.i\20201210-43999.b\43974-011.d  
 Lims ID: icv  
 Client ID:  
 Sample Type: ICV  
 Inject. Date: 09-Dec-2020 16:44:30 ALS Bottle#: 10 Worklist Smp#: 11  
 Purge Vol: 200.000 mL Dil. Factor: 1.0000  
 Sample Info: 200-0043974-011  
 Misc. Info.: standard 2  
 Operator ID: ggg Instrument ID: CHW.i  
 Sublist:

Method: \\chromfs\Burlington\ChromData\CHW.i\20201210-43999.b\TO15\_TO3\_MasterMethod\_W.m  
 Limit Group: AI\_TO15\_ICAL  
 Last Update: 10-Dec-2020 11:23:00 Calib Date: 09-Dec-2020 14:57:30  
 Integrator: RTE ID Type: Deconvolution ID  
 Quant Method: Internal Standard Quant By: Initial Calibration  
 Last ICal File: \\chromfs\Burlington\ChromData\CHW.i\20201210-43999.b\43974-009.d  
 Column 1 : RTX-624 (0.32 mm) Det: MS SCAN  
 Process Host: CTX1653

| Compound                           | Sig | RT<br>(min.) | Adj RT<br>(min.) | Dlt RT<br>(min.) | Q   | Response | Cal Amt<br>ppb v/v | OnCol Amt<br>ppb v/v | Flags |
|------------------------------------|-----|--------------|------------------|------------------|-----|----------|--------------------|----------------------|-------|
| 1 Propene                          | 41  | 3.944        | 3.960            | -0.016           | 98  | 1602506  | 41.3               | 35.6                 |       |
| 2 Dichlorodifluoromethane          | 85  | 4.062        | 4.067            | -0.005           | 100 | 4670083  | 41.8               | 34.9                 |       |
| 3 Chlorodifluoromethane            | 51  | 4.099        | 4.110            | -0.011           | 97  | 2897855  | 41.9               | 35.2                 |       |
| 4 1,2-Dichloro-1,1,2,2-tetrafluoro | 85  | 4.468        | 4.468            | 0.000            | 97  | 4866433  | 41.6               | 36.6                 |       |
| 5 Chloromethane                    | 50  | 4.559        | 4.559            | 0.000            | 99  | 1724699  | 43.7               | 35.6                 |       |
| 6 Vinyl chloride                   | 62  | 4.896        | 4.896            | 0.000            | 98  | 1935747  | 41.6               | 35.5                 |       |
| 7 Butane                           | 43  | 4.913        | 4.912            | 0.000            | 99  | 2858712  | 41.4               | 35.1                 |       |
| 8 Butadiene                        | 54  | 5.030        | 5.030            | 0.000            | 97  | 1352486  | 40.5               | 34.3                 |       |
| 9 Bromomethane                     | 94  | 5.763        | 5.763            | 0.000            | 99  | 1496511  | 41.2               | 37.2                 |       |
| 11 Chloroethane                    | 64  | 6.057        | 6.052            | 0.005            | 100 | 855494   | 41.6               | 37.6                 |       |
| 10 BFB                             |     |              |                  |                  |     |          |                    |                      |       |
| 12 2-Methylbutane                  | 43  | 6.282        | 6.277            | 0.005            | 93  | 1819562  | 41.8               | 36.8                 |       |
| 13 Vinyl bromide                   | 106 | 6.496        | 6.491            | 0.005            | 99  | 1484915  | 41.7               | 38.0                 |       |
| 14 Trichlorofluoromethane          | 101 | 6.667        | 6.667            | 0.000            | 99  | 3708339  | 42.2               | 35.6                 |       |
| 15 Pentane                         | 43  | 6.887        | 6.887            | 0.001            | 98  | 2510485  | 40.5               | 35.3                 |       |
| 18 Ethyl ether                     | 59  | 7.320        | 7.314            | 0.006            | 95  | 967923   | 40.3               | 37.0                 |       |
| 19 Acrolein                        | 56  | 7.571        | 7.566            | 0.005            | 96  | 604975   | 38.9               | 41.7                 |       |
| 20 1,1-Dichloroethene              | 96  | 7.764        | 7.764            | 0.000            | 97  | 1402025  | 41.1               | 35.4                 |       |
| 21 112TCTFE                        | 101 | 7.812        | 7.807            | 0.005            | 96  | 2950001  | 42.0               | 35.0                 |       |
| 22 Acetone                         | 43  | 7.860        | 7.860            | 0.000            | 98  | 2120992  | 41.0               | 37.4                 |       |
| 24 Carbon disulfide                | 76  | 8.176        | 8.176            | 0.000            | 100 | 3841804  | 40.6               | 35.0                 |       |
| 23 Isopropyl alcohol               | 45  | 8.176        | 8.176            | 0.000            | 100 | 2377190  | 40.9               | 37.7                 | p     |
| 25 Acetonitrile                    | 41  | 8.379        | 8.374            | 0.005            | 99  | 935675   | 39.6               | 35.7                 | p     |
| 26 3-Chloro-1-propene              | 41  | 8.486        | 8.481            | 0.005            | 99  | 1724511  | 42.6               | 37.6                 |       |
| 27 Methylene Chloride              | 49  | 8.722        | 8.716            | 0.006            | 93  | 1449937  | 41.1               | 33.8                 |       |
| 28 2-Methyl-2-propanol             | 59  | 8.946        | 8.946            | 0.000            | 94  | 2897418  | 43.1               | 36.7                 |       |
| 29 Acrylonitrile                   | 53  | 9.139        | 9.139            | 0.000            | 95  | 949938   | 40.4               | 40.6                 |       |
| 30 trans-1,2-Dichloroethene        | 61  | 9.230        | 9.230            | 0.000            | 97  | 1912586  | 40.8               | 35.4                 |       |
| 31 Methyl tert-butyl ether         | 73  | 9.235        | 9.235            | 0.000            | 97  | 4192087  | 41.8               | 39.0                 |       |
| 32 Hexane                          | 57  | 9.743        | 9.743            | 0.000            | 93  | 2022766  | 42.4               | 37.0                 |       |

## Preliminary Report

Data File: \\chromfs\Burlington\ChromData\CHW.i\20201210-43999.b\43974-011.d

| 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  | 10.005    | 10.005         | 0.000         | 100 | 2486625    | 40.0            | 36.7              |       |
| 34 Vinyl acetate               | 43  | 10.027    | 10.021         | 0.006         | 100 | 3674368    | 41.6            | 39.5              |       |
| S 35 1,2-Dichloroethene, Total | 61  |           |                |               | 0   |            | 81.2            | 75.5              |       |
| 36 2-Butanone (MEK)            | 72  | 10.990    | 10.990         | 0.000         | 100 | 718680     | 41.4            | 40.4              |       |
| 37 cis-1,2-Dichloroethene      | 96  | 11.017    | 11.011         | 0.006         | 94  | 1564823    | 40.4            | 40.1              |       |
| 38 Ethyl acetate               | 88  | 11.081    | 11.075         | 0.006         | 100 | 137404     | 40.5            | 40.6              |       |
| * 39 Chlorobromomethane        | 128 | 11.434    | 11.434         | 0.000         | 86  | 262307     | 10.0            | 10.0              |       |
| 40 Tetrahydrofuran             | 42  | 11.471    | 11.471         | 0.000         | 90  | 1531308    | 40.0            | 39.9              |       |
| 41 Chloroform                  | 83  | 11.610    | 11.610         | 0.000         | 96  | 3254480    | 40.4            | 40.2              |       |
| 42 1,1,1-Trichloroethane       | 97  | 11.915    | 11.915         | 0.000         | 95  | 3449946    | 40.8            | 41.4              |       |
| 43 Cyclohexane                 | 84  | 12.054    | 12.049         | 0.005         | 97  | 1966966    | 40.6            | 40.4              |       |
| 44 Carbon tetrachloride        | 117 | 12.199    | 12.199         | 0.000         | 98  | 3701195    | 40.6            | 41.0              |       |
| 45 Benzene                     | 78  | 12.552    | 12.547         | 0.006         | 96  | 4653955    | 41.3            | 43.6              |       |
| 46 1,2-Dichloroethane          | 62  | 12.627    | 12.627         | 0.000         | 98  | 2105445    | 41.4            | 40.5              |       |
| 47 Isooctane                   | 57  | 12.766    | 12.766         | 0.000         | 99  | 7141904    | 41.9            | 42.8              |       |
| 48 n-Heptane                   | 43  | 13.076    | 13.076         | 0.000         | 91  | 2590826    | 42.0            | 41.4              |       |
| * 50 1,4-Difluorobenzene       | 114 | 13.296    | 13.295         | 0.001         | 94  | 1253511    | 10.0            | 10.0              |       |
| 53 n-Butanol                   | 56  | 13.509    | 13.509         | 0.000         | 88  | 917639     | 38.2            | 33.5              |       |
| 51 Trichloroethene             | 95  | 13.723    | 13.729         | -0.006        | 99  | 2150786    | 42.1            | 42.0              |       |
| A 52 GRO                       | 1   | 14.050    | (6.267-21.833) |               | 0   | 638999195  | 2600.0          | 0                 |       |
| 54 1,2-Dichloropropane         | 63  | 14.189    | 14.189         | 0.000         | 89  | 1699256    | 41.2            | 39.7              |       |
| 55 Methyl methacrylate         | 69  | 14.275    | 14.274         | 0.000         | 97  | 1585503    | 40.6            | 37.2              |       |
| 56 1,4-Dioxane                 | 88  | 14.312    | 14.312         | 0.000         | 92  | 861103     | 42.3            | 36.4              |       |
| 57 Dibromomethane              | 174 | 14.344    | 14.344         | 0.000         | 92  | 2317875    | 41.2            | 40.1              |       |
| 58 Dichlorobromomethane        | 83  | 14.660    | 14.660         | 0.000         | 99  | 3511708    | 42.3            | 37.8              |       |
| A 59 TVOC as Toluene           | 1   | 15.344    | (3.950-26.739) |               | 0   | 1021914338 | 3600.0          | 0                 |       |
| 60 cis-1,3-Dichloropropene     | 75  | 15.462    | 15.462         | 0.000         | 93  | 2925236    | 41.6            | 40.1              |       |
| 61 4-Methyl-2-pentanone (MIBK) | 43  | 15.719    | 15.719         | 0.000         | 96  | 3291299    | 41.0            | 36.8              |       |
| 62 Toluene                     | 92  | 16.104    | 16.109         | -0.005        | 94  | 3289697    | 40.6            | 42.3              |       |
| 63 n-Octane                    | 43  | 16.356    | 16.355         | 0.001         | 90  | 3486784    | 41.3            | 37.1              |       |
| 64 trans-1,3-Dichloropropene   | 75  | 16.521    | 16.527         | -0.006        | 97  | 2572004    | 39.5            | 37.1              |       |
| 65 1,1,2-Trichloroethane       | 83  | 16.901    | 16.901         | 0.000         | 97  | 1607272    | 41.9            | 41.6              |       |
| 66 Tetrachloroethene           | 166 | 17.099    | 17.099         | 0.000         | 97  | 3254315    | 42.0            | 41.9              |       |
| 67 2-Hexanone                  | 43  | 17.302    | 17.308         | -0.006        | 95  | 3114917    | 40.0            | 40.4              |       |
| 68 Chlorodibromomethane        | 129 | 17.645    | 17.645         | 0.000         | 98  | 3758859    | 38.7            | 40.2              |       |
| 69 Ethylene Dibromide          | 107 | 17.886    | 17.886         | 0.000         | 99  | 2993385    | 42.4            | 41.0              |       |
| * 70 Chlorobenzene-d5          | 117 | 18.795    | 18.795         | 0.000         | 84  | 1025263    | 10.0            | 10.0              |       |
| 71 Chlorobenzene               | 112 | 18.854    | 18.854         | 0.000         | 95  | 4523179    | 42.0            | 42.0              |       |
| 73 Ethylbenzene                | 91  | 19.046    | 19.046         | 0.000         | 98  | 7135751    | 40.9            | 40.9              |       |
| 74 m-Xylene & p-Xylene         | 106 | 19.314    | 19.314         | 0.000         | 0   | 5607426    | 82.2            | 82.3              |       |
| 75 n-Nonane                    | 57  | 19.373    | 19.373         | 0.000         | 88  | 3222126    | 41.9            | 40.9              |       |
| 76 o-Xylene                    | 106 | 20.090    | 20.084         | 0.006         | 99  | 2709613    | 41.4            | 40.5              |       |
| S 77 Xylenes, Total            | 106 |           |                |               | 0   |            | 123.7           | 122.8             |       |
| 78 Styrene                     | 104 | 20.122    | 20.122         | 0.000         | 99  | 4423762    | 41.3            | 41.1              |       |
| 79 Bromoform                   | 173 | 20.469    | 20.469         | 0.000         | 98  | 3917549    | 41.2            | 39.4              |       |
| 80 Isopropylbenzene            | 105 | 20.780    | 20.785         | -0.005        | 96  | 8079027    | 41.7            | 41.1              |       |
| 81 1,1,2,2-Tetrachloroethane   | 83  | 21.299    | 21.299         | 0.000         | 99  | 4077594    | 41.4            | 40.1              |       |
| 82 1,2,3-Trichloropropane      | 75  | 21.400    | 21.400         | 0.000         | 98  | 3152056    | 42.4            | 40.0              |       |
| 83 N-Propylbenzene             | 91  | 21.502    | 21.502         | 0.000         | 99  | 9409128    | 41.6            | 40.7              |       |
| 84 2-Chlorotoluene             | 91  | 21.646    | 21.646         | 0.000         | 97  | 5829712    | 41.8            | 41.0              |       |
| 85 4-Ethyltoluene              | 105 | 21.695    | 21.700         | -0.005        | 98  | 7856445    | 41.3            | 40.2              |       |

## Preliminary Report

Data File: \\chromfs\Burlington\ChromData\CHW.i\20201210-43999.b\43974-011.d

| Compound                   | Sig | RT<br>(min.) | Adj RT<br>(min.) | Dlt RT<br>(min.) | Q  | Response | Cal Amt<br>ppb v/v | OnCol Amt<br>ppb v/v | Flags |
|----------------------------|-----|--------------|------------------|------------------|----|----------|--------------------|----------------------|-------|
| 86 1,3,5-Trimethylbenzene  | 105 | 21.791       | 21.791           | 0.000            | 94 | 6622785  | 41.6               | 40.8                 |       |
| 87 n-Decane                | 57  | 21.823       | 21.823           | 0.000            | 92 | 4062203  | 41.7               | 41.1                 |       |
| 88 Alpha Methyl Styrene    | 118 | 22.117       | 22.117           | 0.000            | 89 | 3563869  | 40.8               | 41.3                 |       |
| 89 tert-Butylbenzene       | 119 | 22.272       | 22.272           | 0.000            | 94 | 6608875  | 41.4               | 40.5                 |       |
| 90 1,2,4-Trimethylbenzene  | 105 | 22.358       | 22.358           | 0.000            | 98 | 6591809  | 41.6               | 40.6                 |       |
| 91 sec-Butylbenzene        | 105 | 22.599       | 22.599           | 0.000            | 98 | 9695043  | 41.8               | 40.7                 |       |
| 92 1,3-Dichlorobenzene     | 146 | 22.770       | 22.770           | 0.000            | 97 | 4644862  | 42.3               | 40.3                 |       |
| 93 4-Isopropyltoluene      | 119 | 22.813       | 22.813           | 0.000            | 97 | 8450340  | 41.2               | 40.3                 |       |
| 94 1,4-Dichlorobenzene     | 146 | 22.909       | 22.909           | 0.000            | 96 | 4528523  | 41.9               | 40.6                 |       |
| 95 Benzyl chloride         | 91  | 23.059       | 23.059           | 0.000            | 99 | 5878179  | 42.3               | 41.6                 |       |
| 96 n-Butylbenzene          | 91  | 23.364       | 23.369           | -0.005           | 99 | 7709922  | 41.6               | 40.6                 |       |
| 97 1,2-Dichlorobenzene     | 146 | 23.401       | 23.401           | 0.000            | 97 | 4602486  | 41.8               | 40.3                 |       |
| 98 Undecane                | 57  | 23.513       | 23.513           | 0.000            | 94 | 4474491  | 41.8               | 40.8                 |       |
| 99 Dodecane                | 57  | 25.097       | 25.097           | 0.000            | 97 | 4076542  | 37.4               | 41.0                 |       |
| 100 1,2,4-Trichlorobenzene | 180 | 25.835       | 25.835           | 0.000            | 94 | 3649482  | 43.4               | 44.1                 |       |
| 101 Hexachlorobutadiene    | 225 | 26.081       | 26.087           | -0.006           | 97 | 4456843  | 41.0               | 44.3                 |       |
| 102 Naphthalene            | 128 | 26.317       | 26.317           | 0.000            | 99 | 7205986  | 38.9               | 40.2                 |       |
| 103 1,2,3-Trichlorobenzene | 180 | 26.729       | 26.729           | 0.000            | 95 | 3128800  | 36.5               | 38.2                 |       |
| 112 Methylcyclohexane      | 83  |              | 0.000            |                  |    |          | ND                 | ND                   |       |

## QC Flag Legend

## Processing Flags

ND - Not Detected or Marked ND

3 - Failed RT Window Test

p - Peak ID'ed as Multiple Compounds

## Reagents:

ATTO15CALSTKi\_00135

Amount Added: 40.00

Units: mL

ATTO15WISs\_00008

Amount Added: 20.00

Units: mL

Run Reagent



## Preliminary Report

Eurofins TestAmerica, Burlington  
Target Compound Quantitation Report

Data File: \\chromfs\Burlington\ChromData\CHW.i\20201210-43999.b\43974-009.d  
 Lims ID: icis  
 Client ID:  
 Sample Type: ICIS Calib Level: 5  
 Inject. Date: 09-Dec-2020 14:57:30 ALS Bottle#: 8 Worklist Smp#: 9  
 Purge Vol: 200.000 mL Dil. Factor: 1.0000  
 Sample Info: 200-0043974-009  
 Misc. Info.: standard 1  
 Operator ID: ggg Instrument ID: CHW.i  
 Sublist: chrom-TO15\_TO3\_MasterMethod\_W\*sub8

Method: \\chromfs\Burlington\ChromData\CHW.i\20201210-43999.b\TO15\_TO3\_MasterMethod\_W.m

Limit Group: AI\_TO15\_ICAL  
 Last Update: 10-Dec-2020 11:23:00 Calib Date: 09-Dec-2020 14:57:30  
 Integrator: RTE ID Type: Deconvolution ID  
 Quant Method: Internal Standard Quant By: Initial Calibration  
 Last ICal File: \\chromfs\Burlington\ChromData\CHW.i\20201210-43999.b\43974-009.d

Column 1: RTX-624 (0.32 mm) Det: MS SCAN  
 Process Host: CTX1653

| 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  | 3.960     | 3.960         | 0.000         | 98  | 1392314  | 40.0            | 40.0              |       |
| 2 Dichlorodifluoromethane          | 85  | 4.067     | 4.067         | 0.000         | 99  | 4135368  | 40.0            | 40.0              |       |
| 3 Chlorodifluoromethane            | 51  | 4.110     | 4.110         | 0.000         | 97  | 2545784  | 40.0            | 40.0              |       |
| 4 1,2-Dichloro-1,1,2,2-tetrafluoro | 85  | 4.468     | 4.468         | 0.000         | 95  | 4107302  | 40.0            | 40.0              |       |
| 5 Chloromethane                    | 50  | 4.559     | 4.559         | 0.000         | 99  | 1495394  | 40.0            | 40.0              |       |
| 6 Vinyl chloride                   | 62  | 4.896     | 4.896         | 0.000         | 98  | 1683387  | 40.0            | 40.0              |       |
| 7 Butane                           | 43  | 4.912     | 4.912         | 0.000         | 98  | 2518162  | 40.0            | 40.0              |       |
| 8 Butadiene                        | 54  | 5.030     | 5.030         | 0.000         | 97  | 1219843  | 40.0            | 40.0              |       |
| 9 Bromomethane                     | 94  | 5.763     | 5.763         | 0.000         | 99  | 1241650  | 40.0            | 40.0              |       |
| 11 Chloroethane                    | 64  | 6.052     | 6.052         | 0.000         | 100 | 703380   | 40.0            | 40.0              |       |
| 12 2-Methylbutane                  | 43  | 6.277     | 6.277         | 0.000         | 93  | 1528589  | 40.0            | 40.0              |       |
| 13 Vinyl bromide                   | 106 | 6.491     | 6.491         | 0.000         | 99  | 1206910  | 40.0            | 40.0              |       |
| 14 Trichlorofluoromethane          | 101 | 6.667     | 6.667         | 0.000         | 99  | 3221400  | 40.0            | 40.0              |       |
| 15 Pentane                         | 43  | 6.887     | 6.887         | 0.000         | 98  | 2194423  | 40.0            | 40.0              |       |
| 18 Ethyl ether                     | 59  | 7.314     | 7.314         | 0.000         | 94  | 809296   | 40.0            | 40.0              |       |
| 19 Acrolein                        | 56  | 7.566     | 7.566         | 0.000         | 96  | 448480   | 40.0            | 40.0              |       |
| 20 1,1-Dichloroethene              | 96  | 7.764     | 7.764         | 0.000         | 96  | 1224101  | 40.0            | 40.0              |       |
| 21 112TCTFE                        | 101 | 7.807     | 7.807         | 0.000         | 96  | 2604388  | 40.0            | 40.0              |       |
| 22 Acetone                         | 43  | 7.860     | 7.860         | 0.000         | 98  | 1751496  | 40.0            | 40.0              |       |
| 24 Carbon disulfide                | 76  | 8.176     | 8.176         | 0.000         | 100 | 3394826  | 40.0            | 40.0              |       |
| 23 Isopropyl alcohol               | 45  | 8.176     | 8.176         | 0.000         | 64  | 1945935  | 40.0            | 40.0              | p     |
| 25 Acetonitrile                    | 41  | 8.374     | 8.374         | 0.000         | 98  | 809586   | 40.0            | 40.0              | p     |
| 26 3-Chloro-1-propene              | 41  | 8.481     | 8.481         | 0.000         | 99  | 1418614  | 40.0            | 40.0              |       |
| 27 Methylene Chloride              | 49  | 8.716     | 8.716         | 0.000         | 94  | 1323978  | 40.0            | 40.0              |       |
| 28 2-Methyl-2-propanol             | 59  | 8.946     | 8.946         | 0.000         | 95  | 2440021  | 40.0            | 40.0              |       |
| 29 Acrylonitrile                   | 53  | 9.139     | 9.139         | 0.000         | 94  | 722218   | 40.0            | 40.0              |       |
| 30 trans-1,2-Dichloroethene        | 61  | 9.230     | 9.230         | 0.000         | 97  | 1669360  | 40.0            | 40.0              |       |
| 31 Methyl tert-butyl ether         | 73  | 9.235     | 9.235         | 0.000         | 96  | 3321264  | 40.0            | 40.0              |       |
| 32 Hexane                          | 57  | 9.743     | 9.743         | 0.000         | 92  | 1687855  | 40.0            | 40.0              |       |
| 33 1,1-Dichloroethane              | 63  | 10.005    | 10.005        | 0.000         | 100 | 2091125  | 40.0            | 40.0              |       |

## Preliminary Report

Data File: \\chromfs\Burlington\ChromData\CHW.i\20201210-43999.b\43974-009.d

| Compound                       | Sig | RT<br>(min.) | Adj RT<br>(min.) | Dlt RT<br>(min.) | Q   | Response | Cal Amt<br>ppb v/v | OnCol Amt<br>ppb v/v | Flags |
|--------------------------------|-----|--------------|------------------|------------------|-----|----------|--------------------|----------------------|-------|
| 34 Vinyl acetate               | 43  | 10.021       | 10.021           | 0.000            | 100 | 2874530  | 40.0               | 40.0                 |       |
| S 35 1,2-Dichloroethene, Total | 61  |              |                  |                  | 0   |          | 40.0               | 80.0                 |       |
| 36 2-Butanone (MEK)            | 72  | 10.990       | 10.990           | 0.000            | 100 | 549429   | 40.0               | 40.0                 |       |
| 37 cis-1,2-Dichloroethene      | 96  | 11.011       | 11.011           | 0.000            | 92  | 1204455  | 40.0               | 40.0                 |       |
| 38 Ethyl acetate               | 88  | 11.075       | 11.075           | 0.000            | 99  | 104648   | 40.0               | 40.0                 |       |
| * 39 Chlorobromomethane        | 128 | 11.434       | 11.434           | 0.000            | 87  | 202614   | 10.0               | 10.0                 |       |
| 40 Tetrahydrofuran             | 42  | 11.471       | 11.471           | 0.000            | 90  | 1220918  | 40.0               | 40.0                 |       |
| 41 Chloroform                  | 83  | 11.610       | 11.610           | 0.000            | 97  | 2500170  | 40.0               | 40.0                 |       |
| 42 1,1,1-Trichloroethane       | 97  | 11.915       | 11.915           | 0.000            | 96  | 2651798  | 40.0               | 40.0                 |       |
| 43 Cyclohexane                 | 84  | 12.049       | 12.049           | 0.000            | 97  | 1546564  | 40.0               | 40.0                 |       |
| 44 Carbon tetrachloride        | 117 | 12.199       | 12.199           | 0.000            | 98  | 2870038  | 40.0               | 40.0                 |       |
| 45 Benzene                     | 78  | 12.547       | 12.547           | 0.000            | 96  | 3395735  | 40.0               | 40.0                 |       |
| 46 1,2-Dichloroethane          | 62  | 12.627       | 12.627           | 0.000            | 98  | 1651708  | 40.0               | 40.0                 |       |
| 47 Isooctane                   | 57  | 12.766       | 12.766           | 0.000            | 98  | 5304532  | 40.0               | 40.0                 |       |
| 48 n-Heptane                   | 43  | 13.076       | 13.076           | 0.000            | 91  | 1989514  | 40.0               | 40.0                 |       |
| * 50 1,4-Difluorobenzene       | 114 | 13.295       | 13.295           | 0.000            | 94  | 996120   | 10.0               | 10.0                 |       |
| 53 n-Butanol                   | 56  | 13.509       | 13.509           | 0.000            | 89  | 870490   | 40.0               | 40.0                 |       |
| 51 Trichloroethene             | 95  | 13.729       | 13.729           | 0.000            | 99  | 1628371  | 40.0               | 40.0                 |       |
| 54 1,2-Dichloropropane         | 63  | 14.189       | 14.189           | 0.000            | 88  | 1359297  | 40.0               | 40.0                 |       |
| 55 Methyl methacrylate         | 69  | 14.274       | 14.274           | 0.000            | 95  | 1353110  | 40.0               | 40.0                 |       |
| 56 1,4-Dioxane                 | 88  | 14.312       | 14.312           | 0.000            | 93  | 752014   | 40.0               | 40.0                 |       |
| 57 Dibromomethane              | 174 | 14.344       | 14.344           | 0.000            | 92  | 1838913  | 40.0               | 40.0                 |       |
| 58 Dichlorobromomethane        | 83  | 14.660       | 14.660           | 0.000            | 99  | 2953749  | 40.0               | 40.0                 |       |
| 60 cis-1,3-Dichloropropene     | 75  | 15.462       | 15.462           | 0.000            | 94  | 2317088  | 40.0               | 40.0                 |       |
| 61 4-Methyl-2-pentanone (MIBK) | 43  | 15.719       | 15.719           | 0.000            | 97  | 2839803  | 40.0               | 40.0                 |       |
| 62 Toluene                     | 92  | 16.109       | 16.109           | 0.000            | 94  | 2821576  | 40.0               | 40.0                 |       |
| 63 n-Octane                    | 43  | 16.355       | 16.355           | 0.000            | 91  | 2987967  | 40.0               | 40.0                 |       |
| 64 trans-1,3-Dichloropropene   | 75  | 16.527       | 16.527           | 0.000            | 98  | 2200895  | 40.0               | 40.0                 |       |
| 65 1,1,2-Trichloroethane       | 83  | 16.901       | 16.901           | 0.000            | 98  | 1402034  | 40.0               | 40.0                 |       |
| 66 Tetrachloroethene           | 166 | 17.099       | 17.099           | 0.000            | 97  | 2819776  | 40.0               | 40.0                 |       |
| 67 2-Hexanone                  | 43  | 17.308       | 17.308           | 0.000            | 95  | 2799429  | 40.0               | 40.0                 |       |
| 68 Chlorodibromomethane        | 129 | 17.645       | 17.645           | 0.000            | 98  | 3392735  | 40.0               | 40.0                 |       |
| 69 Ethylene Dibromide          | 107 | 17.886       | 17.886           | 0.000            | 98  | 2647916  | 40.0               | 40.0                 |       |
| * 70 Chlorobenzene-d5          | 117 | 18.795       | 18.795           | 0.000            | 86  | 929503   | 10.0               | 10.0                 |       |
| 71 Chlorobenzene               | 112 | 18.854       | 18.854           | 0.000            | 95  | 3908462  | 40.0               | 40.0                 |       |
| 73 Ethylbenzene                | 91  | 19.046       | 19.046           | 0.000            | 98  | 6329452  | 40.0               | 40.0                 |       |
| 74 m-Xylene & p-Xylene         | 106 | 19.314       | 19.314           | 0.000            | 0   | 4943165  | 80.0               | 80.0                 |       |
| 75 n-Nonane                    | 57  | 19.373       | 19.373           | 0.000            | 89  | 2858093  | 40.0               | 40.0                 |       |
| 76 o-Xylene                    | 106 | 20.084       | 20.084           | 0.000            | 100 | 2423926  | 40.0               | 40.0                 |       |
| S 77 Xylenes, Total            | 106 |              |                  |                  | 0   |          | 120.0              | 120.0                |       |
| 78 Styrene                     | 104 | 20.122       | 20.122           | 0.000            | 99  | 3905248  | 40.0               | 40.0                 |       |
| 79 Bromoform                   | 173 | 20.469       | 20.469           | 0.000            | 98  | 3608229  | 40.0               | 40.0                 |       |
| 80 Isopropylbenzene            | 105 | 20.785       | 20.785           | 0.000            | 96  | 7120628  | 40.0               | 40.0                 |       |
| 81 1,1,2,2-Tetrachloroethane   | 83  | 21.299       | 21.299           | 0.000            | 99  | 3689738  | 40.0               | 40.0                 |       |
| 82 1,2,3-Trichloropropane      | 75  | 21.400       | 21.400           | 0.000            | 97  | 2856106  | 40.0               | 40.0                 |       |
| 83 N-Propylbenzene             | 91  | 21.502       | 21.502           | 0.000            | 99  | 8385864  | 40.0               | 40.0                 |       |
| 84 2-Chlorotoluene             | 91  | 21.646       | 21.646           | 0.000            | 97  | 5162330  | 40.0               | 40.0                 |       |
| 85 4-Ethyltoluene              | 105 | 21.700       | 21.700           | 0.000            | 98  | 7079475  | 40.0               | 40.0                 |       |
| 86 1,3,5-Trimethylbenzene      | 105 | 21.791       | 21.791           | 0.000            | 94  | 5881063  | 40.0               | 40.0                 |       |
| 87 n-Decane                    | 57  | 21.823       | 21.823           | 0.000            | 92  | 3587804  | 40.0               | 40.0                 |       |
| 88 Alpha Methyl Styrene        | 118 | 22.117       | 22.117           | 0.000            | 89  | 3132280  | 40.0               | 40.0                 |       |

## Preliminary Report

Data File: \\chromfs\Burlington\ChromData\CHW.i\20201210-43999.b\43974-009.d

| Compound                   | Sig | RT<br>(min.) | Adj RT<br>(min.) | Dlt RT<br>(min.) | Q  | Response | Cal Amt<br>ppb v/v | OnCol Amt<br>ppb v/v | Flags |
|----------------------------|-----|--------------|------------------|------------------|----|----------|--------------------|----------------------|-------|
| 89 tert-Butylbenzene       | 119 | 22.272       | 22.272           | 0.000            | 94 | 5913150  | 40.0               | 40.0                 |       |
| 90 1,2,4-Trimethylbenzene  | 105 | 22.358       | 22.358           | 0.000            | 98 | 5889652  | 40.0               | 40.0                 |       |
| 91 sec-Butylbenzene        | 105 | 22.599       | 22.599           | 0.000            | 98 | 8641148  | 40.0               | 40.0                 |       |
| 92 1,3-Dichlorobenzene     | 146 | 22.770       | 22.770           | 0.000            | 97 | 4175508  | 40.0               | 40.0                 |       |
| 93 4-Isopropyltoluene      | 119 | 22.813       | 22.813           | 0.000            | 97 | 7611898  | 40.0               | 40.0                 |       |
| 94 1,4-Dichlorobenzene     | 146 | 22.909       | 22.909           | 0.000            | 96 | 4044430  | 40.0               | 40.0                 |       |
| 95 Benzyl chloride         | 91  | 23.059       | 23.059           | 0.000            | 99 | 5120880  | 40.0               | 40.0                 |       |
| 96 n-Butylbenzene          | 91  | 23.369       | 23.369           | 0.000            | 98 | 6881449  | 40.0               | 40.0                 |       |
| 97 1,2-Dichlorobenzene     | 146 | 23.401       | 23.401           | 0.000            | 97 | 4137925  | 40.0               | 40.0                 |       |
| 98 Undecane                | 57  | 23.513       | 23.513           | 0.000            | 94 | 3977790  | 40.0               | 40.0                 |       |
| 99 Dodecane                | 57  | 25.097       | 25.097           | 0.000            | 97 | 3607204  | 40.0               | 40.0                 |       |
| 100 1,2,4-Trichlorobenzene | 180 | 25.835       | 25.835           | 0.000            | 94 | 3001167  | 40.0               | 40.0                 |       |
| 101 Hexachlorobutadiene    | 225 | 26.087       | 26.087           | 0.000            | 97 | 3646341  | 40.0               | 40.0                 |       |
| 102 Naphthalene            | 128 | 26.317       | 26.317           | 0.000            | 99 | 6508304  | 40.0               | 40.0                 |       |
| 103 1,2,3-Trichlorobenzene | 180 | 26.729       | 26.729           | 0.000            | 95 | 2966358  | 40.0               | 40.0                 |       |
| 112 Methylcyclohexane      | 83  |              | 0.000            |                  |    |          | ND                 | ND                   |       |

## QC Flag Legend

Processing Flags

ND - Not Detected or Marked ND

p - Peak ID'ed as Multiple Compounds

## Reagents:

ATTO15CALSTKI\_00136

Amount Added: 40.00

Units: mL

ATTO15WISs\_00008

Amount Added: 20.00

Units: mL

Run Reagent

Reagent

---

**ATTO15CISs\_00010**

THE LINDE GROUP

*Linde*

SHIPPED TO: Test America Inc.  
30 Community Drive Suite 11  
South Burlington, VT 05403

PAGE: 1 of 1

## CERTIFICATE OF ANALYSIS

|                     |                |                      |                  |
|---------------------|----------------|----------------------|------------------|
| Sales#:             | 113830245      | Cylinder Size:       | 152 (8" X 47.5") |
| Production#:        | 1371258        | Cylinder #:          | CC-133684        |
| Certification Date: | Mar-24-2016    | Cylinder Pressure:   | 2000 psig        |
| P.O.#:              | 2640230        | Cylinder Valve:      | CGA 350 / Steel  |
| Blend Type:         | CERTIFIED      | Cylinder Volume:     | 29.5 Liter       |
| Material#:          | 24088974       | Cylinder Material:   | Aluminum         |
| Traceability:       | NIST by weight | Gas Volume:          | 4000 Liters      |
| Expiration Date:    | Mar-24-2017    | Blend Tolerance:     | 10% Relative     |
| Do NOT use under:   | 150 psig       | Analytical Accuracy: | 10% Relative     |

| COMPONENT            | CAS<br>NUMBER | REQUESTED<br>CONC | CERTIFIED<br>CONC |
|----------------------|---------------|-------------------|-------------------|
| Bromochloromethane   | 74-97-5       | 100 ppb           | 106 ppb           |
| 1,4-Difluorobenzene  | 540-36-3      | 100 ppb           | 110 ppb           |
| Chlorobenzene-d5     | 3114-55-4     | 100 ppb           | 110 ppb           |
| 4-Bromofluorobenzene | 460-00-4      | 100 ppb           | 110 ppb           |
| Nitrogen             | 7727-37-9     | Balance           | Balance           |



941848

ID: ATTO15CISs\_00010

Exp:05/14/21 Ppd:PAD Opi:06/14/16  
Internal Standard for Ins

ANALYST:

  
Lou Lorenzetti

DATE: Mar-24-2016

Linde Gas North America LLC

(908) 329-9700 Main (908) 329-9740 Fax  
www.Lindeus.com

Reagent

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**ATTO15EthCALs\_00009**



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  
[info@chemservice.com](mailto:info@chemservice.com) • [www.chemservice.com](http://www.chemservice.com)

## CERTIFICATE OF ANALYSIS

### Ethyl alcohol

CATALOG NUMBER N-11885-1G  
LOT NUMBER 5301900  
DATE CERTIFIED 07/21/15  
EXPIRATION DATE 07/31/21  
CAS NUMBER 64-17-5  
MOLECULAR FORMULA C<sub>2</sub>H<sub>6</sub>O  
MOLECULAR WEIGHT 46.07  
STORAGE Store in a cool dry place.  
HANDLING See Safety Data Sheet  
INTENDED USE For laboratory use only.  
ISO GUIDE 34 CERTIFIED [ ]

| Analytical Test   | Value |
|-------------------|-------|
| % PURITY (GC/FID) | 99.5  |

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

Chem Service, Inc. is accredited to ISO Guide 34:2009, ISO/IEC 17025:2005 and certified to ISO 9001:2008



ISO/IEC 17025  
Accreditation Number 83320



Reference Material Producer  
ISO GUIDE 34  
Accreditation Number 83320

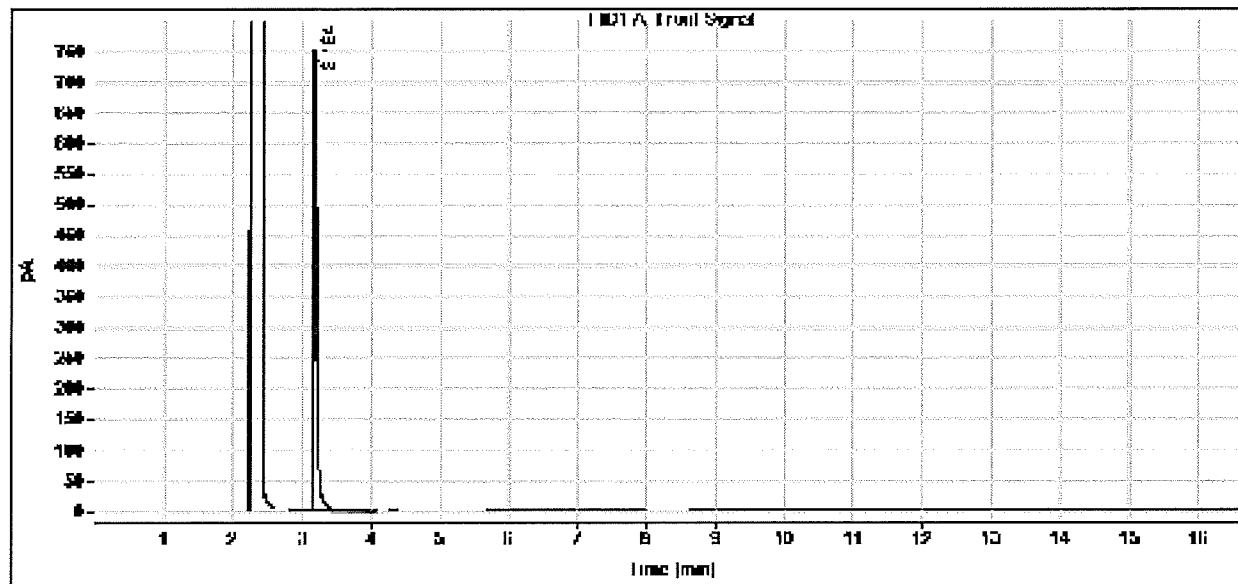
COA Form  
Revision 3 (3/2015)

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  
[info@chemservice.com](mailto:info@chemservice.com) • [www.chemservice.com](http://www.chemservice.com)

## CERTIFICATE OF ANALYSIS

### Gas Chromatography / Flame Ionization Detector (GC/FID)

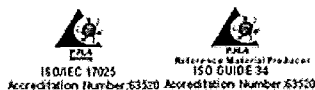
Data file: C:\CHEM32\1\DATA\0715\SIG1008841.D  
Sample name: N-11885  
Instrument: GC 1  
Injection date: 7/21/2015 10:30:34 AM  
Acq. method: MIX1.M  
Column name: DB-824 (30m x 0.53mm x 3.0um)  
Sample type: Sample  
Location: Vial 5  
Injection volume: 1.0uL



Signal: FID1 A, Front Signal

| RT [min] | Type | Width [min] | Area      | Height   | Area%    |
|----------|------|-------------|-----------|----------|----------|
| 3.184    | BB   | 0.0537      | 2394.4050 | 741.5197 | 100.0000 |
| Sum      |      |             | 2394.4050 |          |          |

Chem Service, Inc. is accredited to ISO Guide 34:2009, ISO/IEC 17025:2005 and certified to ISO 9001:2008





# Method T015

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Volatile Organic Compounds (GC/MS)  
by Method T015

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

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-56451-1  
SDG No.: 200-56451-1  
Matrix: Air Level: Low Lab File ID: 44134-003.d  
Lab ID: LCS 200-162240/3 Client ID: \_\_\_\_\_

| COMPOUND                            | SPIKE<br>ADDED<br>(ug/m3) | LCS<br>CONCENTRATION<br>(ug/m3) | LCS<br>%<br>REC | QC<br>LIMITS<br>REC | # |
|-------------------------------------|---------------------------|---------------------------------|-----------------|---------------------|---|
| Dichlorodifluoromethane             | 52.3                      | 50.8                            | 97              | 61-142              |   |
| Chlorodifluoromethane               | 37.4                      | 36.8                            | 98              | 60-147              |   |
| 1,2-Dichlorotetrafluoroethane       | 74.0                      | 73.4                            | 99              | 71-141              |   |
| Chloromethane                       | 20.5                      | 22.8                            | 111             | 56-141              |   |
| n-Butane                            | 24.5                      | 24.6                            | 100             | 53-151              |   |
| Vinyl chloride                      | 25.5                      | 25.4                            | 99              | 61-135              |   |
| 1,3-Butadiene                       | 21.5                      | 19.9                            | 93              | 58-139              |   |
| Bromomethane                        | 40.4                      | 41.6                            | 103             | 72-124              |   |
| Chloroethane                        | 27.9                      | 28.3                            | 101             | 68-130              |   |
| Bromoethene (Vinyl Bromide)         | 44.0                      | 47.2                            | 107             | 75-125              |   |
| Trichlorofluoromethane              | 58.5                      | 56.4                            | 96              | 70-129              |   |
| 1,1,2-Trichlorotrifluoroethane      | 81.8                      | 78.1                            | 95              | 70-121              |   |
| 1,1-Dichloroethene                  | 40.4                      | 38.7                            | 96              | 68-120              |   |
| Acetone                             | 24.8                      | 23.9                            | 96              | 54-154              |   |
| Isopropyl alcohol                   | 25.0                      | 27.0                            | 108             | 53-142              |   |
| Carbon disulfide                    | 32.3                      | 31.4                            | 97              | 71-138              |   |
| 3-Chloropropene                     | 33.6                      | 24.3                            | 72              | 50-150              |   |
| Methylene Chloride                  | 35.6                      | 33.7                            | 95              | 59-137              |   |
| tert-Butyl alcohol                  | 32.7                      | 34.7                            | 106             | 66-132              |   |
| Methyl tert-butyl ether             | 38.1                      | 37.9                            | 100             | 70-127              |   |
| trans-1,2-Dichloroethene            | 40.9                      | 39.6                            | 97              | 69-137              |   |
| n-Hexane                            | 36.9                      | 38.3                            | 104             | 63-138              |   |
| 1,1-Dichloroethane                  | 41.6                      | 37.4                            | 90              | 66-130              |   |
| Methyl Ethyl Ketone<br>(2-Butanone) | 30.5                      | 30.4                            | 99              | 72-124              |   |
| cis-1,2-Dichloroethene              | 41.1                      | 37.6                            | 91              | 72-121              |   |
| Chloroform                          | 50.4                      | 45.9                            | 91              | 73-124              |   |
| Tetrahydrofuran                     | 28.9                      | 28.2                            | 98              | 60-149              |   |
| 1,1,1-Trichloroethane               | 56.3                      | 50.3                            | 89              | 72-127              |   |
| Cyclohexane                         | 35.2                      | 34.9                            | 99              | 76-124              |   |
| Carbon tetrachloride                | 63.2                      | 57.0                            | 90              | 71-133              |   |
| 2,2,4-Trimethylpentane              | 47.4                      | 49.5                            | 104             | 68-131              |   |
| Benzene                             | 33.2                      | 31.3                            | 94              | 73-119              |   |
| 1,2-Dichloroethane                  | 42.3                      | 37.1                            | 88              | 68-135              |   |
| n-Heptane                           | 42.2                      | 42.1                            | 100             | 60-142              |   |
| Trichloroethene                     | 55.3                      | 50.0                            | 90              | 73-122              |   |
| Methyl methacrylate                 | 41.8                      | 43.8                            | 105             | 73-129              |   |
| 1,2-Dichloropropane                 | 47.8                      | 45.9                            | 96              | 69-128              |   |
| 1,4-Dioxane                         | 37.1                      | 40.2                            | 108             | 66-129              |   |
| Bromodichloromethane                | 68.9                      | 67.2                            | 98              | 75-127              |   |
| cis-1,3-Dichloropropene             | 45.1                      | 48.5                            | 108             | 74-125              |   |

# Column to be used to flag recovery and RPD values

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

Lab Name: Eurofins TestAmerica, Burlington      Job No.: 200-56451-1  
SDG No.: 200-56451-1  
Matrix: Air      Level: Low      Lab File ID: 44134-003.d  
Lab ID: LCS 200-162240/3      Client ID: \_\_\_\_\_

| COMPOUND                                      | SPIKE<br>ADDED<br>(ug/m3) | LCS<br>CONCENTRATION<br>(ug/m3) | LCS<br>%<br>REC | QC<br>LIMITS<br>REC | # |
|-----------------------------------------------|---------------------------|---------------------------------|-----------------|---------------------|---|
| 4-Methyl-2-pentanone (Methyl isobutyl ketone) | 41.7                      | 42.1                            | 101             | 58-144              |   |
| Toluene                                       | 38.4                      | 38.6                            | 100             | 75-122              |   |
| trans-1,3-Dichloropropene                     | 44.7                      | 44.8                            | 100             | 74-128              |   |
| 1,1,2-Trichloroethane                         | 57.2                      | 54.4                            | 95              | 75-126              |   |
| Tetrachloroethene                             | 71.0                      | 64.5                            | 91              | 70-125              |   |
| Methyl Butyl Ketone (2-Hexanone)              | 41.4                      | 40.8                            | 99              | 57-143              |   |
| Dibromochloromethane                          | 90.3                      | 81.5                            | 90              | 73-125              |   |
| 1,2-Dibromoethane                             | 81.9                      | 78.2                            | 96              | 78-122              |   |
| Chlorobenzene                                 | 48.3                      | 45.4                            | 94              | 76-119              |   |
| Ethylbenzene                                  | 44.4                      | 43.6                            | 98              | 74-122              |   |
| m,p-Xylene                                    | 86.8                      | 88.2                            | 102             | 76-121              |   |
| o-Xylene                                      | 45.0                      | 44.6                            | 99              | 73-123              |   |
| Styrene                                       | 43.8                      | 46.2                            | 106             | 74-125              |   |
| Bromoform                                     | 106                       | 115                             | 108             | 53-149              |   |
| Cumene                                        | 51.4                      | 51.2                            | 100             | 73-123              |   |
| 1,1,2,2-Tetrachloroethane                     | 71.0                      | 69.2                            | 97              | 74-126              |   |
| n-Propylbenzene                               | 50.9                      | 51.1                            | 100             | 73-127              |   |
| 4-Ethyltoluene                                | 50.4                      | 51.0                            | 101             | 75-129              |   |
| 1,3,5-Trimethylbenzene                        | 51.6                      | 50.0                            | 97              | 72-126              |   |
| 2-Chlorotoluene                               | 54.0                      | 53.1                            | 98              | 74-126              |   |
| tert-Butylbenzene                             | 57.1                      | 55.0                            | 96              | 71-125              |   |
| 1,2,4-Trimethylbenzene                        | 51.3                      | 50.6                            | 99              | 71-129              |   |
| sec-Butylbenzene                              | 57.4                      | 56.5                            | 98              | 70-128              |   |
| 4-Isopropyltoluene                            | 57.6                      | 55.8                            | 97              | 68-130              |   |
| 1,3-Dichlorobenzene                           | 61.1                      | 64.2                            | 105             | 69-131              |   |
| 1,4-Dichlorobenzene                           | 62.5                      | 66.1                            | 106             | 67-132              |   |
| Benzyl chloride                               | 52.6                      | 57.8                            | 110             | 60-136              |   |
| n-Butylbenzene                                | 57.7                      | 58.3                            | 101             | 65-137              |   |
| 1,2-Dichlorobenzene                           | 64.7                      | 61.9                            | 96              | 68-129              |   |
| 1,2,4-Trichlorobenzene                        | 81.5                      | 84.4                            | 104             | 50-150              |   |
| Hexachlorobutadiene                           | 116                       | 102                             | 89              | 58-130              |   |
| Naphthalene                                   | 55.0                      | 61.3                            | 111             | 50-150              |   |

# Column to be used to flag recovery and RPD values

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

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-56451-1  
SDG No.: 200-56451-1  
Matrix: Air Level: Low Lab File ID: 44136-05.D  
Lab ID: LCS 200-162248/5 Client ID: \_\_\_\_\_

| COMPOUND                            | SPIKE<br>ADDED<br>(ug/m3) | LCS<br>CONCENTRATION<br>(ug/m3) | LCS<br>%<br>REC | QC<br>LIMITS<br>REC | # |
|-------------------------------------|---------------------------|---------------------------------|-----------------|---------------------|---|
| Dichlorodifluoromethane             | 52.3                      | 36.6                            | 70              | 61-142              |   |
| Chlorodifluoromethane               | 37.4                      | 33.0                            | 88              | 60-147              |   |
| 1,2-Dichlorotetrafluoroethane       | 74.0                      | 64.5                            | 87              | 71-141              |   |
| Chloromethane                       | 20.5                      | 19.4                            | 95              | 56-141              |   |
| n-Butane                            | 24.5                      | 21.6                            | 88              | 53-151              |   |
| Vinyl chloride                      | 25.5                      | 20.8                            | 81              | 61-135              |   |
| 1,3-Butadiene                       | 21.5                      | 17.2                            | 80              | 58-139              |   |
| Bromomethane                        | 40.4                      | 32.3                            | 80              | 72-124              |   |
| Chloroethane                        | 27.9                      | 19.9                            | 71              | 68-130              |   |
| Bromoethene (Vinyl Bromide)         | 44.0                      | 41.5                            | 94              | 75-125              |   |
| Trichlorofluoromethane              | 58.5                      | 52.4                            | 90              | 70-129              |   |
| 1,1,2-Trichlorotrifluoroethane      | 81.8                      | 71.8                            | 88              | 70-121              |   |
| 1,1-Dichloroethene                  | 40.4                      | 38.1                            | 94              | 68-120              |   |
| Acetone                             | 24.8                      | 21.8                            | 88              | 54-154              |   |
| Isopropyl alcohol                   | 25.0                      | 23.4                            | 94              | 53-142              |   |
| Carbon disulfide                    | 32.3                      | 29.3                            | 91              | 71-138              |   |
| 3-Chloropropene                     | 33.6                      | 28.2                            | 84              | 50-150              |   |
| Methylene Chloride                  | 35.6                      | 31.9                            | 90              | 59-137              |   |
| tert-Butyl alcohol                  | 32.7                      | 30.2                            | 92              | 66-132              |   |
| Methyl tert-butyl ether             | 38.1                      | 33.3                            | 87              | 70-127              |   |
| trans-1,2-Dichloroethene            | 40.9                      | 35.8                            | 87              | 69-137              |   |
| n-Hexane                            | 36.9                      | 32.2                            | 87              | 63-138              |   |
| 1,1-Dichloroethane                  | 41.6                      | 35.1                            | 84              | 66-130              |   |
| Methyl Ethyl Ketone<br>(2-Butanone) | 30.5                      | 28.2                            | 92              | 72-124              |   |
| cis-1,2-Dichloroethene              | 41.1                      | 36.2                            | 88              | 72-121              |   |
| Chloroform                          | 50.4                      | 44.2                            | 88              | 73-124              |   |
| Tetrahydrofuran                     | 28.9                      | 26.7                            | 92              | 60-149              |   |
| 1,1,1-Trichloroethane               | 56.3                      | 49.1                            | 87              | 72-127              |   |
| Cyclohexane                         | 35.2                      | 32.0                            | 91              | 76-124              |   |
| Carbon tetrachloride                | 63.2                      | 56.1                            | 89              | 71-133              |   |
| 2,2,4-Trimethylpentane              | 47.4                      | 44.4                            | 94              | 68-131              |   |
| Benzene                             | 33.2                      | 30.8                            | 93              | 73-119              |   |
| 1,2-Dichloroethane                  | 42.3                      | 36.4                            | 86              | 68-135              |   |
| n-Heptane                           | 42.2                      | 37.6                            | 89              | 60-142              |   |
| Trichloroethene                     | 55.3                      | 56.4                            | 102             | 73-122              |   |
| Methyl methacrylate                 | 41.8                      | 39.9                            | 96              | 73-129              |   |
| 1,2-Dichloropropane                 | 47.8                      | 44.0                            | 92              | 69-128              |   |
| 1,4-Dioxane                         | 37.1                      | 37.6                            | 101             | 66-129              |   |
| Bromodichloromethane                | 68.9                      | 64.7                            | 94              | 75-127              |   |
| cis-1,3-Dichloropropene             | 45.1                      | 44.5                            | 99              | 74-125              |   |

# Column to be used to flag recovery and RPD values

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

Lab Name: Eurofins TestAmerica, Burlington      Job No.: 200-56451-1  
SDG No.: 200-56451-1  
Matrix: Air      Level: Low      Lab File ID: 44136-05.D  
Lab ID: LCS 200-162248/5      Client ID: \_\_\_\_\_

| COMPOUND                                      | SPIKE<br>ADDED<br>(ug/m3) | LCS<br>CONCENTRATION<br>(ug/m3) | LCS<br>%<br>REC | QC<br>LIMITS<br>REC | # |
|-----------------------------------------------|---------------------------|---------------------------------|-----------------|---------------------|---|
| 4-Methyl-2-pentanone (Methyl isobutyl ketone) | 41.7                      | 37.6                            | 90              | 58-144              |   |
| Toluene                                       | 38.4                      | 36.1                            | 94              | 75-122              |   |
| trans-1,3-Dichloropropene                     | 44.7                      | 42.0                            | 94              | 74-128              |   |
| 1,1,2-Trichloroethane                         | 57.2                      | 52.5                            | 92              | 75-126              |   |
| Tetrachloroethene                             | 71.0                      | 62.2                            | 88              | 70-125              |   |
| Methyl Butyl Ketone (2-Hexanone)              | 41.4                      | 34.4                            | 83              | 57-143              |   |
| Dibromochloromethane                          | 90.3                      | 79.1                            | 88              | 73-125              |   |
| 1,2-Dibromoethane                             | 81.9                      | 77.2                            | 94              | 78-122              |   |
| Chlorobenzene                                 | 48.3                      | 45.1                            | 93              | 76-119              |   |
| Ethylbenzene                                  | 44.4                      | 41.9                            | 94              | 74-122              |   |
| m,p-Xylene                                    | 86.8                      | 85.4                            | 98              | 76-121              |   |
| o-Xylene                                      | 45.0                      | 42.3                            | 94              | 73-123              |   |
| Styrene                                       | 43.8                      | 44.0                            | 101             | 74-125              |   |
| Bromoform                                     | 106                       | 99.6                            | 94              | 53-149              |   |
| Cumene                                        | 51.4                      | 48.3                            | 94              | 73-123              |   |
| 1,1,2,2-Tetrachloroethane                     | 71.0                      | 63.3                            | 89              | 74-126              |   |
| n-Propylbenzene                               | 50.9                      | 47.8                            | 94              | 73-127              |   |
| 4-Ethyltoluene                                | 50.4                      | 48.6                            | 97              | 75-129              |   |
| 1,3,5-Trimethylbenzene                        | 51.6                      | 46.9                            | 91              | 72-126              |   |
| 2-Chlorotoluene                               | 54.0                      | 50.4                            | 93              | 74-126              |   |
| tert-Butylbenzene                             | 57.1                      | 52.7                            | 92              | 71-125              |   |
| 1,2,4-Trimethylbenzene                        | 51.3                      | 48.5                            | 95              | 71-129              |   |
| sec-Butylbenzene                              | 57.4                      | 55.2                            | 96              | 70-128              |   |
| 4-Isopropyltoluene                            | 57.6                      | 53.1                            | 92              | 68-130              |   |
| 1,3-Dichlorobenzene                           | 61.1                      | 59.3                            | 97              | 69-131              |   |
| 1,4-Dichlorobenzene                           | 62.5                      | 59.1                            | 95              | 67-132              |   |
| Benzyl chloride                               | 52.6                      | 52.3                            | 99              | 60-136              |   |
| n-Butylbenzene                                | 57.7                      | 55.0                            | 95              | 65-137              |   |
| 1,2-Dichlorobenzene                           | 64.7                      | 59.0                            | 91              | 68-129              |   |
| 1,2,4-Trichlorobenzene                        | 81.5                      | 72.3                            | 89              | 50-150              |   |
| Hexachlorobutadiene                           | 116                       | 96.4                            | 83              | 58-130              |   |
| Naphthalene                                   | 55.0                      | 45.0                            | 82              | 50-150              |   |

# Column to be used to flag recovery and RPD values

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

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-56451-1  
SDG No.: 200-56451-1  
Matrix: Air Level: Low Lab File ID: 200-44158-004.D  
Lab ID: LCS 200-162293/4 Client ID: \_\_\_\_\_

| COMPOUND                            | SPIKE<br>ADDED<br>(ug/m3) | LCS<br>CONCENTRATION<br>(ug/m3) | LCS<br>%<br>REC | QC<br>LIMITS<br>REC | # |
|-------------------------------------|---------------------------|---------------------------------|-----------------|---------------------|---|
| Dichlorodifluoromethane             | 52.3                      | 54.2                            | 104             | 61-142              |   |
| Chlorodifluoromethane               | 37.4                      | 40.2                            | 107             | 60-147              |   |
| 1,2-Dichlorotetrafluoroethane       | 74.0                      | 72.6                            | 98              | 71-141              |   |
| Chloromethane                       | 20.5                      | 22.7                            | 111             | 56-141              |   |
| n-Butane                            | 24.5                      | 27.7                            | 113             | 53-151              |   |
| Vinyl chloride                      | 25.5                      | 28.5                            | 112             | 61-135              |   |
| 1,3-Butadiene                       | 21.5                      | 24.0                            | 112             | 58-139              |   |
| Bromomethane                        | 40.4                      | 35.0                            | 87              | 72-124              |   |
| Chloroethane                        | 27.9                      | 26.8                            | 96              | 68-130              |   |
| Bromoethene (Vinyl Bromide)         | 44.0                      | 41.2                            | 94              | 75-125              |   |
| Trichlorofluoromethane              | 58.5                      | 63.5                            | 109             | 70-129              |   |
| 1,1,2-Trichlorotrifluoroethane      | 81.8                      | 73.7                            | 90              | 70-121              |   |
| 1,1-Dichloroethene                  | 40.4                      | 34.3                            | 85              | 68-120              |   |
| Acetone                             | 24.8                      | 30.9                            | 125             | 54-154              |   |
| Isopropyl alcohol                   | 25.0                      | 26.0                            | 104             | 53-142              |   |
| Carbon disulfide                    | 32.3                      | 28.8                            | 89              | 71-138              |   |
| 3-Chloropropene                     | 33.6                      | 32.0                            | 95              | 50-150              |   |
| Methylene Chloride                  | 35.6                      | 37.5                            | 105             | 59-137              |   |
| tert-Butyl alcohol                  | 32.7                      | 31.2                            | 95              | 66-132              |   |
| Methyl tert-butyl ether             | 38.1                      | 34.7                            | 91              | 70-127              |   |
| trans-1,2-Dichloroethene            | 40.9                      | 36.8                            | 90              | 69-137              |   |
| n-Hexane                            | 36.9                      | 32.9                            | 89              | 63-138              |   |
| 1,1-Dichloroethane                  | 41.6                      | 34.5                            | 83              | 66-130              |   |
| Methyl Ethyl Ketone<br>(2-Butanone) | 30.5                      | 26.6                            | 87              | 72-124              |   |
| cis-1,2-Dichloroethene              | 41.1                      | 33.8                            | 82              | 72-121              |   |
| Chloroform                          | 50.4                      | 46.7                            | 93              | 73-124              |   |
| Tetrahydrofuran                     | 28.9                      | 31.4                            | 108             | 60-149              |   |
| 1,1,1-Trichloroethane               | 56.3                      | 55.7                            | 99              | 72-127              |   |
| Cyclohexane                         | 35.2                      | 28.8                            | 82              | 76-124              |   |
| Carbon tetrachloride                | 63.2                      | 67.8                            | 107             | 71-133              |   |
| 2,2,4-Trimethylpentane              | 47.4                      | 39.9                            | 84              | 68-131              |   |
| Benzene                             | 33.2                      | 28.7                            | 86              | 73-119              |   |
| 1,2-Dichloroethane                  | 42.3                      | 43.5                            | 103             | 68-135              |   |
| n-Heptane                           | 42.2                      | 35.6                            | 84              | 60-142              |   |
| Trichloroethene                     | 55.3                      | 50.2                            | 91              | 73-122              |   |
| Methyl methacrylate                 | 41.8                      | 32.4                            | 77              | 73-129              |   |
| 1,2-Dichloropropane                 | 47.8                      | 37.9                            | 79              | 69-128              |   |
| 1,4-Dioxane                         | 37.1                      | 33.1                            | 89              | 66-129              |   |
| Bromodichloromethane                | 68.9                      | 65.6                            | 95              | 75-127              |   |
| cis-1,3-Dichloropropene             | 45.1                      | 42.1                            | 93              | 74-125              |   |

# Column to be used to flag recovery and RPD values

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

Lab Name: Eurofins TestAmerica, Burlington      Job No.: 200-56451-1  
SDG No.: 200-56451-1  
Matrix: Air      Level: Low      Lab File ID: 200-44158-004.D  
Lab ID: LCS 200-162293/4      Client ID: \_\_\_\_\_

| COMPOUND                                      | SPIKE<br>ADDED<br>(ug/m3) | LCS<br>CONCENTRATION<br>(ug/m3) | LCS<br>%<br>REC | QC<br>LIMITS<br>REC | # |
|-----------------------------------------------|---------------------------|---------------------------------|-----------------|---------------------|---|
| 4-Methyl-2-pentanone (Methyl isobutyl ketone) | 41.7                      | 34.0                            | 82              | 58-144              |   |
| Toluene                                       | 38.4                      | 32.5                            | 85              | 75-122              |   |
| trans-1,3-Dichloropropene                     | 44.7                      | 40.1                            | 90              | 74-128              |   |
| 1,1,2-Trichloroethane                         | 57.2                      | 48.1                            | 84              | 75-126              |   |
| Tetrachloroethene                             | 71.0                      | 67.6                            | 95              | 70-125              |   |
| Methyl Butyl Ketone (2-Hexanone)              | 41.4                      | 35.4                            | 85              | 57-143              |   |
| Dibromochloromethane                          | 90.3                      | 85.4                            | 95              | 73-125              |   |
| 1,2-Dibromoethane                             | 81.9                      | 78.0                            | 95              | 78-122              |   |
| Chlorobenzene                                 | 48.3                      | 43.7                            | 90              | 76-119              |   |
| Ethylbenzene                                  | 44.4                      | 36.0                            | 81              | 74-122              |   |
| m,p-Xylene                                    | 86.8                      | 76.6                            | 88              | 76-121              |   |
| o-Xylene                                      | 45.0                      | 36.6                            | 81              | 73-123              |   |
| Styrene                                       | 43.8                      | 39.2                            | 90              | 74-125              |   |
| Bromoform                                     | 106                       | 114                             | 107             | 53-149              |   |
| Cumene                                        | 51.4                      | 45.7                            | 89              | 73-123              |   |
| 1,1,2,2-Tetrachloroethane                     | 71.0                      | 56.1                            | 79              | 74-126              |   |
| n-Propylbenzene                               | 50.9                      | 44.7                            | 88              | 73-127              |   |
| 4-Ethyltoluene                                | 50.4                      | 45.2                            | 90              | 75-129              |   |
| 1,3,5-Trimethylbenzene                        | 51.6                      | 44.2                            | 86              | 72-126              |   |
| 2-Chlorotoluene                               | 54.0                      | 48.3                            | 90              | 74-126              |   |
| tert-Butylbenzene                             | 57.1                      | 51.0                            | 89              | 71-125              |   |
| 1,2,4-Trimethylbenzene                        | 51.3                      | 44.8                            | 87              | 71-129              |   |
| sec-Butylbenzene                              | 57.4                      | 49.0                            | 85              | 70-128              |   |
| 4-Isopropyltoluene                            | 57.6                      | 48.6                            | 84              | 68-130              |   |
| 1,3-Dichlorobenzene                           | 61.1                      | 59.6                            | 98              | 69-131              |   |
| 1,4-Dichlorobenzene                           | 62.5                      | 60.2                            | 96              | 67-132              |   |
| Benzyl chloride                               | 52.6                      | 46.3                            | 88              | 60-136              |   |
| n-Butylbenzene                                | 57.7                      | 49.3                            | 85              | 65-137              |   |
| 1,2-Dichlorobenzene                           | 64.7                      | 57.7                            | 89              | 68-129              |   |
| 1,2,4-Trichlorobenzene                        | 81.5                      | 80.8                            | 99              | 50-150              |   |
| Hexachlorobutadiene                           | 116                       | 106                             | 92              | 58-130              |   |
| Naphthalene                                   | 55.0                      | 49.1                            | 89              | 50-150              |   |

# Column to be used to flag recovery and RPD values

FORM IV  
AIR - GC/MS VOA METHOD BLANK SUMMARY

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-56451-1  
SDG No.: 200-56451-1  
Lab File ID: 44134-004.d Lab Sample ID: MB 200-162240/4  
Matrix: Air Heated Purge: (Y/N) N  
Instrument ID: CHW.i Date Analyzed: 12/18/2020 11:08  
GC Column: RTX-624 ID: 0.32 (mm)

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

| CLIENT SAMPLE ID | LAB SAMPLE ID    | LAB<br>FILE ID | DATE ANALYZED    |
|------------------|------------------|----------------|------------------|
|                  | LCS 200-162240/3 | 44134-003.d    | 12/18/2020 10:13 |
| SG-201           | 200-56451-1      | 44134-017.d    | 12/18/2020 23:04 |
| SG-201 DL        | 200-56451-1 DL   | 44134-018.d    | 12/18/2020 23:57 |
| SG-202           | 200-56451-2      | 44134-019.d    | 12/19/2020 00:52 |
| SG-203           | 200-56451-3      | 44134-020.d    | 12/19/2020 01:48 |
| SG-204           | 200-56451-4      | 44134-021.d    | 12/19/2020 02:44 |
| SG-205           | 200-56451-5      | 44134-022.d    | 12/19/2020 03:40 |
| SG-205 DL        | 200-56451-5 DL   | 44134-023.d    | 12/19/2020 04:33 |



FORM IV  
AIR - GC/MS VOA METHOD BLANK SUMMARY

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-56451-1  
SDG No.: 200-56451-1  
Lab File ID: 44136-04.D Lab Sample ID: MB 200-162248/4  
Matrix: Air Heated Purge: (Y/N) N  
Instrument ID: CHC.i Date Analyzed: 12/18/2020 13:45  
GC Column: RTX-624 ID: 0.32 (mm)

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

| CLIENT SAMPLE ID | LAB SAMPLE ID    | LAB<br>FILE ID | DATE ANALYZED    |
|------------------|------------------|----------------|------------------|
|                  | LCS 200-162248/5 | 44136-05.D     | 12/18/2020 14:40 |
| SG-206           | 200-56451-6      | 44136-07.D     | 12/18/2020 16:29 |
| SG-207           | 200-56451-7      | 44136-09.D     | 12/18/2020 18:17 |
| TRIP BLANK       | 200-56451-8      | 44136-10.D     | 12/18/2020 19:12 |

FORM IV  
AIR - GC/MS VOA METHOD BLANK SUMMARY

Lab Name: Eurofins TestAmerica, Burlington      Job No.: 200-56451-1  
SDG No.: 200-56451-1  
Lab File ID: 200-44158-005.D      Lab Sample ID: MB 200-162293/5  
Matrix: Air      Heated Purge: (Y/N) N  
Instrument ID: CHG.i      Date Analyzed: 12/21/2020 10:52  
GC Column: RTX-624      ID: 0.32 (mm)

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

| CLIENT SAMPLE ID | LAB SAMPLE ID    | LAB<br>FILE ID      | DATE ANALYZED    |
|------------------|------------------|---------------------|------------------|
|                  | LCS 200-162293/4 | 200-44158-0<br>04.D | 12/21/2020 10:00 |
| SG-202 DL        | 200-56451-2 DL   | 200-44158-0<br>10.D | 12/21/2020 15:18 |

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

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-56451-1  
SDG No.: 200-56451-1  
Lab File ID: 44129-01.D BFB Injection Date: 12/17/2020  
Instrument ID: CHC.i BFB Injection Time: 16:26  
Analysis Batch No.: 162223

| M/E | ION ABUNDANCE CRITERIA             | % RELATIVE ABUNDANCE |
|-----|------------------------------------|----------------------|
| 50  | 8.0 - 40.0% of mass 95             | 18.2                 |
| 75  | 30.0 - 66.0% of mass 95            | 51.8                 |
| 95  | Base peak, 100% relative abundance | 100.0                |
| 96  | 5.0 - 9.0% of mass 95              | 6.3                  |
| 173 | Less than 2.0% of mass 174         | 0.0 (0.0) 1          |
| 174 | 50.0 - 120.0% of mass 95           | 97.9                 |
| 175 | 4.0 - 9.0 % of mass 174            | 7.6 (7.7) 1          |
| 176 | 93.0 - 101.0% of mass 174          | 95.2 (97.2) 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 200-162223/2    | 44129-02.D  | 12/17/2020    | 17:10         |
|                  | IC 200-162223/3    | 44129-03.D  | 12/17/2020    | 18:04         |
|                  | IC 200-162223/4    | 44129-04.D  | 12/17/2020    | 18:58         |
|                  | IC 200-162223/5    | 44129-05.D  | 12/17/2020    | 19:52         |
|                  | IC 200-162223/7    | 44129-07.D  | 12/17/2020    | 21:41         |
|                  | IC 200-162223/8    | 44129-08.D  | 12/17/2020    | 22:36         |
|                  | IC 200-162223/9    | 44129-09.D  | 12/17/2020    | 23:30         |
|                  | ICIS 200-162223/14 | 44129-14.D  | 12/18/2020    | 4:03          |
|                  | ICV 200-162223/19  | 44129-19.D  | 12/18/2020    | 10:01         |

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

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-56451-1  
SDG No.: 200-56451-1  
Lab File ID: 44136-01.D BFB Injection Date: 12/18/2020  
Instrument ID: CHC.i BFB Injection Time: 11:10  
Analysis Batch No.: 162248

| M/E | ION ABUNDANCE CRITERIA             | % RELATIVE ABUNDANCE |
|-----|------------------------------------|----------------------|
| 50  | 8.0 - 40.0% of mass 95             | 17.4                 |
| 75  | 30.0 - 66.0% of mass 95            | 50.3                 |
| 95  | Base peak, 100% relative abundance | 100.0                |
| 96  | 5.0 - 9.0% of mass 95              | 6.4                  |
| 173 | Less than 2.0% of mass 174         | 0.0 (0.0) 1          |
| 174 | 50.0 - 120.0% of mass 95           | 94.3                 |
| 175 | 4.0 - 9.0 % of mass 174            | 7.2 (7.7) 1          |
| 176 | 93.0 - 101.0% of mass 174          | 92.0 (97.6) 1        |
| 177 | 5.0 - 9.0% of mass 176             | 5.9 (6.5) 2          |

1-Value is % mass 174

2-Value is % mass 176

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

| CLIENT SAMPLE ID | LAB SAMPLE ID      | LAB FILE ID | DATE ANALYZED | TIME ANALYZED |
|------------------|--------------------|-------------|---------------|---------------|
|                  | CCVIS 200-162248/2 | 44136-02.D  | 12/18/2020    | 11:56         |
|                  | MB 200-162248/4    | 44136-04.D  | 12/18/2020    | 13:45         |
|                  | LCS 200-162248/5   | 44136-05.D  | 12/18/2020    | 14:40         |
| SG-206           | 200-56451-6        | 44136-07.D  | 12/18/2020    | 16:29         |
| SG-207           | 200-56451-7        | 44136-09.D  | 12/18/2020    | 18:17         |
| TRIP BLANK       | 200-56451-8        | 44136-10.D  | 12/18/2020    | 19:12         |

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

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-56451-1  
SDG No.: 200-56451-1  
Lab File ID: 200-43976-001.D BFB Injection Date: 12/09/2020  
Instrument ID: CHG.i BFB Injection Time: 10:43  
Analysis Batch No.: 161875

| M/E | ION ABUNDANCE CRITERIA             | % RELATIVE ABUNDANCE |
|-----|------------------------------------|----------------------|
| 50  | 8.0 - 40.0% of mass 95             | 16.4                 |
| 75  | 30.0 - 66.0% of mass 95            | 46.5                 |
| 95  | Base peak, 100% relative abundance | 100.0                |
| 96  | 5.0 - 9.0% of mass 95              | 6.9                  |
| 173 | Less than 2.0% of mass 174         | 0.3 (0.3) 1          |
| 174 | 50.0 - 120.0% of mass 95           | 85.4                 |
| 175 | 4.0 - 9.0 % of mass 174            | 6.2 (7.2) 1          |
| 176 | 93.0 - 101.0% of mass 174          | 82.8 (96.9) 1        |
| 177 | 5.0 - 9.0% of mass 176             | 5.2 (6.3) 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 200-161875/2   | 200-43976-002 | 12/09/2020    | 11:26         |
|                  | IC 200-161875/3   | 200-43976-003 | 12/09/2020    | 12:18         |
|                  | IC 200-161875/4   | 200-43976-004 | 12/09/2020    | 13:10         |
|                  | IC 200-161875/5   | 200-43976-005 | 12/09/2020    | 14:03         |
|                  | ICIS 200-161875/6 | 200-43976-006 | 12/09/2020    | 14:55         |
|                  | IC 200-161875/7   | 200-43976-007 | 12/09/2020    | 15:47         |
|                  | IC 200-161875/8   | 200-43976-008 | 12/09/2020    | 16:39         |
|                  | IC 200-161875/9   | 200-43976-009 | 12/09/2020    | 17:31         |
|                  | ICV 200-161875/10 | 200-43976-010 | 12/09/2020    | 18:23         |

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

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-56451-1  
SDG No.: 200-56451-1  
Lab File ID: 200-44158-001.D BFB Injection Date: 12/21/2020  
Instrument ID: CHG.i BFB Injection Time: 07:32  
Analysis Batch No.: 162293

| M/E | ION ABUNDANCE CRITERIA             | % RELATIVE ABUNDANCE |
|-----|------------------------------------|----------------------|
| 50  | 8.0 - 40.0% of mass 95             | 13.5                 |
| 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              | 6.0                  |
| 173 | Less than 2.0% of mass 174         | 0.5 (0.5) 1          |
| 174 | 50.0 - 120.0% of mass 95           | 102.8                |
| 175 | 4.0 - 9.0 % of mass 174            | 7.1 (6.9) 1          |
| 176 | 93.0 - 101.0% of mass 174          | 101.3 (98.5) 1       |
| 177 | 5.0 - 9.0% of mass 176             | 7.0 (6.9) 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 200-162293/3 | 200-44158-003 | 12/21/2020    | 9:08          |
|                  | LCS 200-162293/4   | 200-44158-004 | 12/21/2020    | 10:00         |
|                  | MB 200-162293/5    | 200-44158-005 | 12/21/2020    | 10:52         |
| SG-202 DL        | 200-56451-2 DL     | 200-44158-010 | 12/21/2020    | 15:18         |

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

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-56451-1  
SDG No.: 200-56451-1  
Lab File ID: 44014-001.d BFB Injection Date: 12/10/2020  
Instrument ID: CHW.i BFB Injection Time: 15:43  
Analysis Batch No.: 161965

| M/E | ION ABUNDANCE CRITERIA             | % RELATIVE ABUNDANCE |
|-----|------------------------------------|----------------------|
| 50  | 8.0 - 40.0% of mass 95             | 18.2                 |
| 75  | 30.0 - 66.0% of mass 95            | 46.9                 |
| 95  | Base peak, 100% relative abundance | 100.0                |
| 96  | 5.0 - 9.0% of mass 95              | 6.3                  |
| 173 | Less than 2.0% of mass 174         | 0.9 (1.0) 1          |
| 174 | 50.0 - 120.0% of mass 95           | 87.0                 |
| 175 | 4.0 - 9.0 % of mass 174            | 6.6 (7.5) 1          |
| 176 | 93.0 - 101.0% of mass 174          | 83.6 (96.0) 1        |
| 177 | 5.0 - 9.0% of mass 176             | 5.5 (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 |
|------------------|--------------------|-------------|---------------|---------------|
|                  | IC 200-161965/4    | 44014-004.d | 12/10/2020    | 18:26         |
|                  | IC 200-161965/5    | 44014-005.d | 12/10/2020    | 19:20         |
|                  | IC 200-161965/6    | 44014-006.d | 12/10/2020    | 20:14         |
|                  | IC 200-161965/7    | 44014-007.d | 12/10/2020    | 21:09         |
|                  | IC 200-161965/9    | 44014-009.d | 12/10/2020    | 22:59         |
|                  | IC 200-161965/12   | 44014-012.d | 12/11/2020    | 1:44          |
|                  | IC 200-161965/13   | 44014-013.d | 12/11/2020    | 2:39          |
|                  | ICIS 200-161965/16 | 44014-016.d | 12/11/2020    | 5:25          |
|                  | ICV 200-161965/18  | 44014-018.d | 12/11/2020    | 7:16          |

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

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-56451-1  
SDG No.: 200-56451-1  
Lab File ID: 44134-001.d BFB Injection Date: 12/18/2020  
Instrument ID: CHW.i BFB Injection Time: 08:23  
Analysis Batch No.: 162240

| M/E | ION ABUNDANCE CRITERIA             | % RELATIVE ABUNDANCE |
|-----|------------------------------------|----------------------|
| 50  | 8.0 - 40.0% of mass 95             | 19.8                 |
| 75  | 30.0 - 66.0% of mass 95            | 48.4                 |
| 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         | 1.0 (1.2) 1          |
| 174 | 50.0 - 120.0% of mass 95           | 86.9                 |
| 175 | 4.0 - 9.0 % of mass 174            | 6.4 (7.4) 1          |
| 176 | 93.0 - 101.0% of mass 174          | 83.6 (96.2) 1        |
| 177 | 5.0 - 9.0% of mass 176             | 5.4 (6.5) 2          |

1-Value is % mass 174

2-Value is % mass 176

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

| CLIENT SAMPLE ID | LAB SAMPLE ID      | LAB FILE ID | DATE ANALYZED | TIME ANALYZED |
|------------------|--------------------|-------------|---------------|---------------|
|                  | CCVIS 200-162240/2 | 44134-002.d | 12/18/2020    | 9:18          |
|                  | LCS 200-162240/3   | 44134-003.d | 12/18/2020    | 10:13         |
|                  | MB 200-162240/4    | 44134-004.d | 12/18/2020    | 11:08         |
| SG-201           | 200-56451-1        | 44134-017.d | 12/18/2020    | 23:04         |
| SG-201 DL        | 200-56451-1 DL     | 44134-018.d | 12/18/2020    | 23:57         |
| SG-202           | 200-56451-2        | 44134-019.d | 12/19/2020    | 0:52          |
| SG-203           | 200-56451-3        | 44134-020.d | 12/19/2020    | 1:48          |
| SG-204           | 200-56451-4        | 44134-021.d | 12/19/2020    | 2:44          |
| SG-205           | 200-56451-5        | 44134-022.d | 12/19/2020    | 3:40          |
| SG-205 DL        | 200-56451-5 DL     | 44134-023.d | 12/19/2020    | 4:33          |



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

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-56451-1  
 SDG No.: 200-56451-1  
 Sample No.: ICIS 200-162223/14 Date Analyzed: 12/18/2020 04:03  
 Instrument ID: CHC.i GC Column: RTX-624 ID: 0.32 (mm)  
 Lab File ID (Standard): 44129-14.D Heated Purge: (Y/N) N  
 Calibration ID: 44831

|                               | BCM              |        | DFBZ    |         | CBNZd5  |         |       |
|-------------------------------|------------------|--------|---------|---------|---------|---------|-------|
|                               | AREA #           | RT #   | AREA #  | RT #    | AREA #  | RT #    |       |
| INITIAL CALIBRATION MID-POINT | 518806           | 9.79   | 2994776 | 11.76   | 3456738 | 17.81   |       |
| UPPER LIMIT                   | 726328           | 10.12  | 4192686 | 12.09   | 4839433 | 18.14   |       |
| LOWER LIMIT                   | 311284           | 9.46   | 1796866 | 11.43   | 2074043 | 17.48   |       |
| LAB SAMPLE ID                 | CLIENT SAMPLE ID |        |         |         |         |         |       |
| ICV 200-162223/19             |                  | 474140 | 9.79    | 2786288 | 11.77   | 3262620 | 17.81 |

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

Area Limit = 60%-140% of internal standard area  
 RT Limit =  $\pm$  0.33 minutes of internal standard RT

# Column used to flag values outside QC limits

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

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-56451-1  
 SDG No.: 200-56451-1  
 Sample No.: CCVIS 200-162248/2 Date Analyzed: 12/18/2020 11:56  
 Instrument ID: CHC.i GC Column: RTX-624 ID: 0.32 (mm)  
 Lab File ID (Standard): 44136-02.D Heated Purge: (Y/N) N  
 Calibration ID: 44831

|                  |  | BCM              |        | DFBZ    |         | CBNZd5  |         |
|------------------|--|------------------|--------|---------|---------|---------|---------|
|                  |  | AREA #           | RT #   | AREA #  | RT #    | AREA #  | RT #    |
| 12/24 HOUR STD   |  | 484010           | 9.79   | 2873164 | 11.76   | 3357883 | 17.80   |
| UPPER LIMIT      |  | 677614           | 10.12  | 4022430 | 12.09   | 4701036 | 18.13   |
| LOWER LIMIT      |  | 290406           | 9.46   | 1723898 | 11.43   | 2014730 | 17.47   |
| LAB SAMPLE ID    |  | CLIENT SAMPLE ID |        |         |         |         |         |
| MB 200-162248/4  |  | 515892           | 9.78   | 3088633 | 11.76   | 3418765 | 17.80   |
| LCS 200-162248/5 |  | 506978           | 9.79   | 2962121 | 11.76   | 3458065 | 17.80   |
| 200-56451-6      |  | SG-206           | 540595 | 9.79    | 3150113 | 11.76   | 3704076 |
| 200-56451-7      |  | SG-207           | 531029 | 9.79    | 3108362 | 11.76   | 3554924 |
| 200-56451-8      |  | TRIP BLANK       | 498958 | 9.79    | 2923322 | 11.76   | 3314176 |

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

Area Limit = 60%-140% of internal standard area  
 RT Limit =  $\pm$  0.33 minutes of internal standard RT

# Column used to flag values outside QC limits

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

Lab Name: Eurofins TestAmerica, Burlington      Job No.: 200-56451-1  
 SDG No.: 200-56451-1  
 Sample No.: ICIS 200-161875/6      Date Analyzed: 12/09/2020 14:55  
 Instrument ID: CHG.i      GC Column: RTX-624      ID: 0.32 (mm)  
 Lab File ID (Standard): 200-43976-006.D      Heated Purge: (Y/N) N  
 Calibration ID: 44728

|                               | BCM              |        | DFBZ    |        | CBNZd5  |              |
|-------------------------------|------------------|--------|---------|--------|---------|--------------|
|                               | AREA #           | RT #   | AREA #  | RT #   | AREA #  | RT #         |
| INITIAL CALIBRATION MID-POINT | 131206           | 9.05   | 807502  | 11.02  | 776158  | 16.98        |
| UPPER LIMIT                   | 183688           | 9.38   | 1130503 | 11.35  | 1086621 | 17.31        |
| LOWER LIMIT                   | 78724            | 8.72   | 484501  | 10.69  | 465695  | 16.65        |
| LAB SAMPLE ID                 | CLIENT SAMPLE ID |        |         |        |         |              |
| ICV 200-161875/10             |                  | 128389 | 9.05    | 755099 | 11.03   | 687500 16.98 |

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

Area Limit = 60%-140% of internal standard area  
 RT Limit =  $\pm$  0.33 minutes of internal standard RT

# Column used to flag values outside QC limits

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

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-56451-1  
 SDG No.: 200-56451-1  
 Sample No.: CCVIS 200-162293/3 Date Analyzed: 12/21/2020 09:08  
 Instrument ID: CHG.i GC Column: RTX-624 ID: 0.32 (mm)  
 Lab File ID (Standard): 200-44158-003.D Heated Purge: (Y/N) N  
 Calibration ID: 44728

|                  |  | BCM              |       | DFBZ   |        | CBNZd5 |        |       |
|------------------|--|------------------|-------|--------|--------|--------|--------|-------|
|                  |  | AREA #           | RT #  | AREA # | RT #   | AREA # | RT #   |       |
| 12/24 HOUR STD   |  | 76925            | 9.03  | 449002 | 11.00  | 424445 | 16.97  |       |
| UPPER LIMIT      |  | 107695           | 9.36  | 628603 | 11.33  | 594223 | 17.30  |       |
| LOWER LIMIT      |  | 46155            | 8.70  | 269401 | 10.67  | 254667 | 16.64  |       |
| LAB SAMPLE ID    |  | CLIENT SAMPLE ID |       |        |        |        |        |       |
| LCS 200-162293/4 |  | 78427            | 9.03  | 444539 | 11.01  | 422383 | 16.97  |       |
| MB 200-162293/5  |  | 74363            | 9.03  | 423557 | 11.01  | 372218 | 16.97  |       |
| 200-56451-2 DL   |  | SG-202 DL        | 73147 | 9.03   | 407810 | 11.00  | 366001 | 16.97 |

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

Area Limit = 60%-140% of internal standard area  
 RT Limit =  $\pm$  0.33 minutes of internal standard RT

# Column used to flag values outside QC limits

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

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-56451-1  
 SDG No.: 200-56451-1  
 Sample No.: CCVIS 200-162240/2 Date Analyzed: 12/18/2020 09:18  
 Instrument ID: CHW.i GC Column: RTX-624 ID: 0.32 (mm)  
 Lab File ID (Standard): 44134-002.d Heated Purge: (Y/N) N  
 Calibration ID: 44739

|                  |           | BCM              |       | DFBZ    |       | CBNZd5  |       |
|------------------|-----------|------------------|-------|---------|-------|---------|-------|
|                  |           | AREA #           | RT #  | AREA #  | RT #  | AREA #  | RT #  |
| 12/24 HOUR STD   |           | 1022836          | 11.42 | 5273542 | 13.29 | 4191512 | 18.79 |
| UPPER LIMIT      |           | 1431970          | 11.75 | 7382959 | 13.62 | 5868117 | 19.12 |
| LOWER LIMIT      |           | 613702           | 11.09 | 3164125 | 12.96 | 2514907 | 18.46 |
| LAB SAMPLE ID    |           | CLIENT SAMPLE ID |       |         |       |         |       |
| LCS 200-162240/3 |           | 977560           | 11.42 | 4767975 | 13.29 | 4286264 | 18.79 |
| MB 200-162240/4  |           | 1078515          | 11.41 | 5163566 | 13.28 | 4005677 | 18.78 |
| 200-56451-1      | SG-201    | 712505           | 11.41 | 3436914 | 13.28 | 3231384 | 18.79 |
| 200-56451-1 DL   | SG-201 DL | 914101           | 11.41 | 4414810 | 13.27 | 3646652 | 18.79 |
| 200-56451-2      | SG-202    | 804247           | 11.42 | 3922289 | 13.28 | 3238742 | 18.78 |
| 200-56451-3      | SG-203    | 796841           | 11.41 | 3739683 | 13.27 | 3080555 | 18.78 |
| 200-56451-4      | SG-204    | 775459           | 11.41 | 3689194 | 13.28 | 3133127 | 18.78 |
| 200-56451-5      | SG-205    | 808148           | 11.42 | 3825346 | 13.28 | 3372900 | 18.79 |
| 200-56451-5 DL   | SG-205 DL | 891034           | 11.41 | 4341110 | 13.28 | 3515782 | 18.79 |

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

Area Limit = 60%-140% of internal standard area  
 RT Limit =  $\pm$  0.33 minutes of internal standard RT

# Column used to flag values outside QC limits

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

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-56451-1  
 SDG No.: 200-56451-1  
 Client Sample ID: SG-201 Lab Sample ID: 200-56451-1  
 Matrix: Air Lab File ID: 44134-017.d  
 Analysis Method: TO-15 Date Collected: 12/09/2020 14:58  
 Sample wt/vol: 200 (mL) Date Analyzed: 12/18/2020 23:04  
 Soil Aliquot Vol: \_\_\_\_\_ Dilution Factor: 1  
 Soil Extract Vol.: \_\_\_\_\_ GC Column: RTX-624 ID: 0.32 (mm)  
 % Moisture: \_\_\_\_\_ Level: (low/med) Low  
 Analysis Batch No.: 162240 Units: ug/m3

| CAS NO.   | COMPOUND NAME                    | MOLECULAR WEIGHT | RESULT | Q | RL   | MDL  |
|-----------|----------------------------------|------------------|--------|---|------|------|
| 75-71-8   | Dichlorodifluoromethane          | 120.91           | 1.9    | J | 2.5  | 0.54 |
| 75-45-6   | Chlorodifluoromethane            | 86.47            | 1.8    | U | 1.8  | 0.42 |
| 76-14-2   | 1,2-Dichlorotetrafluoroethane    | 170.92           | 1.4    | U | 1.4  | 0.24 |
| 74-87-3   | Chloromethane                    | 50.49            | 0.88   | J | 1.0  | 0.23 |
| 106-97-8  | <i>n</i> -Butane                 | 58.12            | 110    | E | 1.2  | 0.26 |
| 75-01-4   | Vinyl chloride                   | 62.50            | 0.20   | U | 0.20 | 0.11 |
| 106-99-0  | 1,3-Butadiene                    | 54.09            | 15     |   | 0.44 | 0.13 |
| 74-83-9   | Bromomethane                     | 94.94            | 0.78   | U | 0.78 | 0.20 |
| 75-00-3   | Chloroethane                     | 64.52            | 4.9    |   | 1.3  | 0.14 |
| 593-60-2  | Bromoethene (Vinyl Bromide)      | 106.96           | 0.87   | U | 0.87 | 0.23 |
| 75-69-4   | Trichlorofluoromethane           | 137.37           | 1.4    |   | 1.1  | 0.34 |
| 76-13-1   | 1,1,2-Trichlorotrifluoroethane   | 187.38           | 12     |   | 1.5  | 0.29 |
| 75-35-4   | 1,1-Dichloroethene               | 96.94            | 1.6    |   | 0.20 | 0.15 |
| 67-64-1   | Acetone                          | 58.08            | 24     |   | 12   | 2.9  |
| 67-63-0   | Isopropyl alcohol                | 60.10            | 2.2    | J | 12   | 1.2  |
| 75-15-0   | Carbon disulfide                 | 76.14            | 23     |   | 1.6  | 0.23 |
| 107-05-1  | 3-Chloropropene                  | 76.53            | 1.6    | U | 1.6  | 0.20 |
| 75-09-2   | Methylene Chloride               | 84.93            | 1.7    | U | 1.7  | 0.94 |
| 75-65-0   | tert-Butyl alcohol               | 74.12            | 0.51   | J | 15   | 0.12 |
| 1634-04-4 | Methyl tert-butyl ether          | 88.15            | 0.72   | U | 0.72 | 0.12 |
| 156-60-5  | trans-1,2-Dichloroethene         | 96.94            | 0.79   | U | 0.79 | 0.17 |
| 110-54-3  | <i>n</i> -Hexane                 | 86.17            | 28     |   | 0.70 | 0.70 |
| 75-34-3   | 1,1-Dichloroethane               | 98.96            | 32     |   | 0.81 | 0.17 |
| 78-93-3   | Methyl Ethyl Ketone (2-Butanone) | 72.11            | 6.8    |   | 1.5  | 0.21 |
| 156-59-2  | cis-1,2-Dichloroethene           | 96.94            | 10     |   | 0.20 | 0.18 |
| 67-66-3   | Chloroform                       | 119.38           | 0.94   | J | 0.98 | 0.16 |
| 109-99-9  | Tetrahydrofuran                  | 72.11            | 15     | U | 15   | 0.19 |
| 71-55-6   | 1,1,1-Trichloroethane            | 133.41           | 53     |   | 1.1  | 0.20 |
| 110-82-7  | Cyclohexane                      | 84.16            | 4.2    |   | 0.69 | 0.16 |
| 56-23-5   | Carbon tetrachloride             | 153.81           | 0.41   |   | 0.22 | 0.15 |
| 540-84-1  | 2,2,4-Trimethylpentane           | 114.23           | 18     |   | 0.93 | 0.19 |
| 71-43-2   | Benzene                          | 78.11            | 8.0    |   | 0.64 | 0.21 |
| 107-06-2  | 1,2-Dichloroethane               | 98.96            | 0.81   | U | 0.81 | 0.13 |

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

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-56451-1  
 SDG No.: 200-56451-1  
 Client Sample ID: SG-201 Lab Sample ID: 200-56451-1  
 Matrix: Air Lab File ID: 44134-017.d  
 Analysis Method: TO-15 Date Collected: 12/09/2020 14:58  
 Sample wt/vol: 200 (mL) Date Analyzed: 12/18/2020 23:04  
 Soil Aliquot Vol: \_\_\_\_\_ Dilution Factor: 1  
 Soil Extract Vol.: \_\_\_\_\_ GC Column: RTX-624 ID: 0.32 (mm)  
 % Moisture: \_\_\_\_\_ Level: (low/med) Low  
 Analysis Batch No.: 162240 Units: ug/m3

| CAS NO.     | COMPOUND NAME                                    | MOLECULAR WEIGHT | RESULT | Q | RL   | MDL  |
|-------------|--------------------------------------------------|------------------|--------|---|------|------|
| 142-82-5    | n-Heptane                                        | 100.21           | 26     |   | 0.82 | 0.23 |
| 79-01-6     | Trichloroethene                                  | 131.39           | 24     |   | 0.20 | 0.19 |
| 80-62-6     | Methyl methacrylate                              | 100.12           | 2.0    | U | 2.0  | 0.14 |
| 78-87-5     | 1,2-Dichloropropane                              | 112.99           | 0.92   | U | 0.92 | 0.15 |
| 123-91-1    | 1,4-Dioxane                                      | 88.11            | 18     | U | 18   | 0.30 |
| 75-27-4     | Bromodichloromethane                             | 163.83           | 1.3    | U | 1.3  | 0.23 |
| 10061-01-5  | cis-1,3-Dichloropropene                          | 110.97           | 0.91   | U | 0.91 | 0.15 |
| 108-10-1    | 4-Methyl-2-pentanone<br>(Methyl isobutyl ketone) | 100.16           | 2.7    |   | 2.0  | 0.15 |
| 108-88-3    | Toluene                                          | 92.14            | 23     |   | 0.75 | 0.41 |
| 10061-02-6  | trans-1,3-Dichloropropene                        | 110.97           | 0.91   | U | 0.91 | 0.18 |
| 79-00-5     | 1,1,2-Trichloroethane                            | 133.41           | 1.1    | U | 1.1  | 0.20 |
| 127-18-4    | Tetrachloroethene                                | 165.83           | 580    | E | 1.4  | 0.22 |
| 591-78-6    | Methyl Butyl Ketone<br>(2-Hexanone)              | 100.20           | 2.0    | U | 2.0  | 0.20 |
| 124-48-1    | Dibromochloromethane                             | 208.28           | 1.7    | U | 1.7  | 0.31 |
| 106-93-4    | 1,2-Dibromoethane                                | 187.87           | 1.5    | U | 1.5  | 0.38 |
| 108-90-7    | Chlorobenzene                                    | 112.56           | 0.92   | U | 0.92 | 0.26 |
| 100-41-4    | Ethylbenzene                                     | 106.17           | 30     |   | 0.87 | 0.27 |
| 179601-23-1 | m,p-Xylene                                       | 106.17           | 140    |   | 2.2  | 0.43 |
| 95-47-6     | o-Xylene                                         | 106.17           | 69     |   | 0.87 | 0.21 |
| 100-42-5    | Styrene                                          | 104.15           | 0.85   | U | 0.85 | 0.17 |
| 75-25-2     | Bromoform                                        | 252.75           | 2.1    | U | 2.1  | 0.50 |
| 98-82-8     | Cumene                                           | 120.19           | 0.98   | U | 0.98 | 0.17 |
| 79-34-5     | 1,1,2,2-Tetrachloroethane                        | 167.85           | 1.4    | U | 1.4  | 0.29 |
| 103-65-1    | n-Propylbenzene                                  | 120.19           | 3.0    |   | 0.98 | 0.19 |
| 622-96-8    | 4-Ethyltoluene                                   | 120.20           | 4.2    |   | 0.98 | 0.20 |
| 108-67-8    | 1,3,5-Trimethylbenzene                           | 120.20           | 4.6    |   | 0.98 | 0.19 |
| 95-49-8     | 2-Chlorotoluene                                  | 126.59           | 1.0    | U | 1.0  | 0.22 |
| 98-06-6     | tert-Butylbenzene                                | 134.22           | 1.1    | U | 1.1  | 0.19 |
| 95-63-6     | 1,2,4-Trimethylbenzene                           | 120.20           | 16     |   | 0.98 | 0.22 |
| 135-98-8    | sec-Butylbenzene                                 | 134.22           | 0.50   | J | 1.1  | 0.19 |
| 99-87-6     | 4-Isopropyltoluene                               | 134.22           | 2.1    |   | 1.1  | 0.21 |
| 541-73-1    | 1,3-Dichlorobenzene                              | 147.00           | 1.2    | U | 1.2  | 0.66 |
| 106-46-7    | 1,4-Dichlorobenzene                              | 147.00           | 1.2    | U | 1.2  | 0.72 |

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

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-56451-1  
SDG No.: 200-56451-1  
Client Sample ID: SG-201 Lab Sample ID: 200-56451-1  
Matrix: Air Lab File ID: 44134-017.d  
Analysis Method: TO-15 Date Collected: 12/09/2020 14:58  
Sample wt/vol: 200 (mL) Date Analyzed: 12/18/2020 23:04  
Soil Aliquot Vol: \_\_\_\_\_ Dilution Factor: 1  
Soil Extract Vol.: \_\_\_\_\_ GC Column: RTX-624 ID: 0.32 (mm)  
% Moisture: \_\_\_\_\_ Level: (low/med) Low  
Analysis Batch No.: 162240 Units: ug/m3

| CAS NO.  | COMPOUND NAME          | MOLECULAR WEIGHT | RESULT | Q | RL  | MDL  |
|----------|------------------------|------------------|--------|---|-----|------|
| 100-44-7 | Benzyl chloride        | 126.58           | 1.0    | U | 1.0 | 0.44 |
| 104-51-8 | n-Butylbenzene         | 134.22           | 1.0    | J | 1.1 | 0.21 |
| 95-50-1  | 1,2-Dichlorobenzene    | 147.00           | 1.2    | U | 1.2 | 0.58 |
| 120-82-1 | 1,2,4-Trichlorobenzene | 181.45           | 3.7    | U | 3.7 | 1.6  |
| 87-68-3  | Hexachlorobutadiene    | 260.76           | 2.1    | U | 2.1 | 0.81 |
| 91-20-3  | Naphthalene            | 128.17           | 2.5    | J | 2.6 | 0.89 |



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

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-56451-1  
 SDG No.: 200-56451-1  
 Client Sample ID: SG-201 Lab Sample ID: 200-56451-1  
 Matrix: Air Lab File ID: 44134-017.d  
 Analysis Method: TO-15 Date Collected: 12/09/2020 14:58  
 Sample wt/vol: 200 (mL) Date Analyzed: 12/18/2020 23:04  
 Soil Aliquot Vol: \_\_\_\_\_ Dilution Factor: 1  
 Soil Extract Vol.: \_\_\_\_\_ GC Column: RTX-624 ID: 0.32 (mm)  
 % Moisture: \_\_\_\_\_ Level: (low/med) Low  
 Analysis Batch No.: 162240 Units: ppb v/v

| CAS NO.   | COMPOUND NAME                    | MOLECULAR WEIGHT | RESULT | Q | RL    | MDL   |
|-----------|----------------------------------|------------------|--------|---|-------|-------|
| 75-71-8   | Dichlorodifluoromethane          | 120.91           | 0.39   | J | 0.50  | 0.11  |
| 75-45-6   | Chlorodifluoromethane            | 86.47            | 0.50   | U | 0.50  | 0.12  |
| 76-14-2   | 1,2-Dichlorotetrafluoroethane    | 170.92           | 0.20   | U | 0.20  | 0.035 |
| 74-87-3   | Chloromethane                    | 50.49            | 0.43   | J | 0.50  | 0.11  |
| 106-97-8  | <i>n</i> -Butane                 | 58.12            | 46     | E | 0.50  | 0.11  |
| 75-01-4   | Vinyl chloride                   | 62.50            | 0.078  | U | 0.078 | 0.044 |
| 106-99-0  | 1,3-Butadiene                    | 54.09            | 7.0    |   | 0.20  | 0.057 |
| 74-83-9   | Bromomethane                     | 94.94            | 0.20   | U | 0.20  | 0.051 |
| 75-00-3   | Chloroethane                     | 64.52            | 1.9    |   | 0.50  | 0.054 |
| 593-60-2  | Bromoethene (Vinyl Bromide)      | 106.96           | 0.20   | U | 0.20  | 0.052 |
| 75-69-4   | Trichlorofluoromethane           | 137.37           | 0.24   |   | 0.20  | 0.060 |
| 76-13-1   | 1,1,2-Trichlorotrifluoroethane   | 187.38           | 1.6    |   | 0.20  | 0.038 |
| 75-35-4   | 1,1-Dichloroethene               | 96.94            | 0.39   |   | 0.050 | 0.039 |
| 67-64-1   | Acetone                          | 58.08            | 10     |   | 5.0   | 1.2   |
| 67-63-0   | Isopropyl alcohol                | 60.10            | 0.88   | J | 5.0   | 0.48  |
| 75-15-0   | Carbon disulfide                 | 76.14            | 7.4    |   | 0.50  | 0.074 |
| 107-05-1  | 3-Chloropropene                  | 76.53            | 0.50   | U | 0.50  | 0.064 |
| 75-09-2   | Methylene Chloride               | 84.93            | 0.50   | U | 0.50  | 0.27  |
| 75-65-0   | tert-Butyl alcohol               | 74.12            | 0.17   | J | 5.0   | 0.038 |
| 1634-04-4 | Methyl tert-butyl ether          | 88.15            | 0.20   | U | 0.20  | 0.033 |
| 156-60-5  | trans-1,2-Dichloroethene         | 96.94            | 0.20   | U | 0.20  | 0.042 |
| 110-54-3  | <i>n</i> -Hexane                 | 86.17            | 7.9    |   | 0.20  | 0.20  |
| 75-34-3   | 1,1-Dichloroethane               | 98.96            | 7.9    |   | 0.20  | 0.041 |
| 78-93-3   | Methyl Ethyl Ketone (2-Butanone) | 72.11            | 2.3    |   | 0.50  | 0.072 |
| 156-59-2  | cis-1,2-Dichloroethene           | 96.94            | 2.6    |   | 0.050 | 0.045 |
| 67-66-3   | Chloroform                       | 119.38           | 0.19   | J | 0.20  | 0.032 |
| 109-99-9  | Tetrahydrofuran                  | 72.11            | 5.0    | U | 5.0   | 0.066 |
| 71-55-6   | 1,1,1-Trichloroethane            | 133.41           | 9.8    |   | 0.20  | 0.036 |
| 110-82-7  | Cyclohexane                      | 84.16            | 1.2    |   | 0.20  | 0.046 |
| 56-23-5   | Carbon tetrachloride             | 153.81           | 0.064  |   | 0.035 | 0.024 |
| 540-84-1  | 2,2,4-Trimethylpentane           | 114.23           | 3.7    |   | 0.20  | 0.041 |
| 71-43-2   | Benzene                          | 78.11            | 2.5    |   | 0.20  | 0.067 |
| 107-06-2  | 1,2-Dichloroethane               | 98.96            | 0.20   | U | 0.20  | 0.032 |

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

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-56451-1  
 SDG No.: 200-56451-1  
 Client Sample ID: SG-201 Lab Sample ID: 200-56451-1  
 Matrix: Air Lab File ID: 44134-017.d  
 Analysis Method: TO-15 Date Collected: 12/09/2020 14:58  
 Sample wt/vol: 200 (mL) Date Analyzed: 12/18/2020 23:04  
 Soil Aliquot Vol: \_\_\_\_\_ Dilution Factor: 1  
 Soil Extract Vol.: \_\_\_\_\_ GC Column: RTX-624 ID: 0.32 (mm)  
 % Moisture: \_\_\_\_\_ Level: (low/med) Low  
 Analysis Batch No.: 162240 Units: ppb v/v

| CAS NO.     | COMPOUND NAME                                    | MOLECULAR WEIGHT | RESULT | Q | RL    | MDL   |
|-------------|--------------------------------------------------|------------------|--------|---|-------|-------|
| 142-82-5    | n-Heptane                                        | 100.21           | 6.2    |   | 0.20  | 0.056 |
| 79-01-6     | Trichloroethene                                  | 131.39           | 4.4    |   | 0.037 | 0.035 |
| 80-62-6     | Methyl methacrylate                              | 100.12           | 0.50   | U | 0.50  | 0.033 |
| 78-87-5     | 1,2-Dichloropropane                              | 112.99           | 0.20   | U | 0.20  | 0.033 |
| 123-91-1    | 1,4-Dioxane                                      | 88.11            | 5.0    | U | 5.0   | 0.084 |
| 75-27-4     | Bromodichloromethane                             | 163.83           | 0.20   | U | 0.20  | 0.035 |
| 10061-01-5  | cis-1,3-Dichloropropene                          | 110.97           | 0.20   | U | 0.20  | 0.032 |
| 108-10-1    | 4-Methyl-2-pentanone<br>(Methyl isobutyl ketone) | 100.16           | 0.65   |   | 0.50  | 0.036 |
| 108-88-3    | Toluene                                          | 92.14            | 6.2    |   | 0.20  | 0.11  |
| 10061-02-6  | trans-1,3-Dichloropropene                        | 110.97           | 0.20   | U | 0.20  | 0.039 |
| 79-00-5     | 1,1,2-Trichloroethane                            | 133.41           | 0.20   | U | 0.20  | 0.036 |
| 127-18-4    | Tetrachloroethene                                | 165.83           | 85     | E | 0.20  | 0.033 |
| 591-78-6    | Methyl Butyl Ketone<br>(2-Hexanone)              | 100.20           | 0.50   | U | 0.50  | 0.048 |
| 124-48-1    | Dibromochloromethane                             | 208.28           | 0.20   | U | 0.20  | 0.036 |
| 106-93-4    | 1,2-Dibromoethane                                | 187.87           | 0.20   | U | 0.20  | 0.049 |
| 108-90-7    | Chlorobenzene                                    | 112.56           | 0.20   | U | 0.20  | 0.056 |
| 100-41-4    | Ethylbenzene                                     | 106.17           | 6.8    |   | 0.20  | 0.063 |
| 179601-23-1 | m,p-Xylene                                       | 106.17           | 33     |   | 0.50  | 0.10  |
| 95-47-6     | o-Xylene                                         | 106.17           | 16     |   | 0.20  | 0.048 |
| 100-42-5    | Styrene                                          | 104.15           | 0.20   | U | 0.20  | 0.040 |
| 75-25-2     | Bromoform                                        | 252.75           | 0.20   | U | 0.20  | 0.048 |
| 98-82-8     | Cumene                                           | 120.19           | 0.20   | U | 0.20  | 0.035 |
| 79-34-5     | 1,1,2,2-Tetrachloroethane                        | 167.85           | 0.20   | U | 0.20  | 0.042 |
| 103-65-1    | n-Propylbenzene                                  | 120.19           | 0.61   |   | 0.20  | 0.039 |
| 622-96-8    | 4-Ethyltoluene                                   | 120.20           | 0.85   |   | 0.20  | 0.041 |
| 108-67-8    | 1,3,5-Trimethylbenzene                           | 120.20           | 0.94   |   | 0.20  | 0.039 |
| 95-49-8     | 2-Chlorotoluene                                  | 126.59           | 0.20   | U | 0.20  | 0.042 |
| 98-06-6     | tert-Butylbenzene                                | 134.22           | 0.20   | U | 0.20  | 0.035 |
| 95-63-6     | 1,2,4-Trimethylbenzene                           | 120.20           | 3.4    |   | 0.20  | 0.044 |
| 135-98-8    | sec-Butylbenzene                                 | 134.22           | 0.092  | J | 0.20  | 0.035 |
| 99-87-6     | 4-Isopropyltoluene                               | 134.22           | 0.39   |   | 0.20  | 0.039 |
| 541-73-1    | 1,3-Dichlorobenzene                              | 147.00           | 0.20   | U | 0.20  | 0.11  |
| 106-46-7    | 1,4-Dichlorobenzene                              | 147.00           | 0.20   | U | 0.20  | 0.12  |

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

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-56451-1  
SDG No.: 200-56451-1  
Client Sample ID: SG-201 Lab Sample ID: 200-56451-1  
Matrix: Air Lab File ID: 44134-017.d  
Analysis Method: TO-15 Date Collected: 12/09/2020 14:58  
Sample wt/vol: 200 (mL) Date Analyzed: 12/18/2020 23:04  
Soil Aliquot Vol: \_\_\_\_\_ Dilution Factor: 1  
Soil Extract Vol.: \_\_\_\_\_ GC Column: RTX-624 ID: 0.32 (mm)  
% Moisture: \_\_\_\_\_ Level: (low/med) Low  
Analysis Batch No.: 162240 Units: ppb v/v

| CAS NO.  | COMPOUND NAME          | MOLECULAR WEIGHT | RESULT | Q | RL   | MDL   |
|----------|------------------------|------------------|--------|---|------|-------|
| 100-44-7 | Benzyl chloride        | 126.58           | 0.20   | U | 0.20 | 0.085 |
| 104-51-8 | n-Butylbenzene         | 134.22           | 0.19   | J | 0.20 | 0.039 |
| 95-50-1  | 1,2-Dichlorobenzene    | 147.00           | 0.20   | U | 0.20 | 0.097 |
| 120-82-1 | 1,2,4-Trichlorobenzene | 181.45           | 0.50   | U | 0.50 | 0.22  |
| 87-68-3  | Hexachlorobutadiene    | 260.76           | 0.20   | U | 0.20 | 0.076 |
| 91-20-3  | Naphthalene            | 128.17           | 0.48   | J | 0.50 | 0.17  |

Eurofins TestAmerica, Burlington  
Target Compound Quantitation Report

Data File: \\chromfs\Burlington\ChromData\CHW.i\20201218-44134.b\44134-017.d  
 Lims ID: 200-56451-A-1  
 Client ID: SG-201  
 Sample Type: Client  
 Inject. Date: 18-Dec-2020 23:04:30 ALS Bottle#: 16 Worklist Smp#: 17  
 Purge Vol: 200.000 mL Dil. Factor: 1.0000  
 Sample Info: 200-0044134-017  
 Operator ID: ggg Instrument ID: CHW.i  
 Method: \\chromfs\Burlington\ChromData\CHW.i\20201218-44134.b\TO15\_TO3\_MasterMethod\_W.m  
 Limit Group: AI\_TO15\_ICAL  
 Last Update: 21-Dec-2020 12:35:03 Calib Date: 11-Dec-2020 05:25:30  
 Integrator: RTE ID Type: Deconvolution ID  
 Quant Method: Internal Standard Quant By: Initial Calibration  
 Last ICal File: \\chromfs\Burlington\ChromData\CHW.i\20201210-44014.b\44014-016.d  
 Column 1 : RTX-624 ( 0.32 mm) Det: MS SCAN  
 Process Host: CTX1612

First Level Reviewer: bunmaa

Date: 21-Dec-2020 12:35:03

| Compound                           | Sig | RT (min.) | Adj RT (min.) | Dlt RT (min.) | Q   | Response | OnCol Amt ppb v/v | Flags |
|------------------------------------|-----|-----------|---------------|---------------|-----|----------|-------------------|-------|
| 2 Dichlorodifluoromethane          | 85  | 4.083     | 4.110         | 0.010         | 96  | 130488   | 0.3898            |       |
| 3 Chlorodifluoromethane            | 51  |           | 4.116         |               |     |          | ND                |       |
| 4 1,2-Dichloro-1,1,2,2-tetrafluoro | 85  |           | 4.469         |               |     |          | ND                | MU    |
| 5 Chloromethane                    | 50  | 4.570     | 4.570         | 0.010         | 98  | 50661    | 0.4255            | Ma    |
| 6 Vinyl chloride                   | 62  |           | 4.897         |               |     |          | ND                | U     |
| 7 Butane                           | 43  | 4.913     | 4.913         | 0.000         | 98  | 9934784  | 46.5              | E     |
| 8 Butadiene                        | 54  | 5.025     | 5.041         | 0.000         | 98  | 819176   | 6.99              |       |
| 9 Bromomethane                     | 94  | 5.758     | 5.758         | 0.000         | 22  | 3029     | 0.0288            |       |
| 11 Chloroethane                    | 64  | 6.036     | 6.047         | -0.011        | 99  | 114679   | 1.86              |       |
| 13 Vinyl bromide                   | 106 |           | 6.485         |               |     |          | ND                | U     |
| 14 Trichlorofluoromethane          | 101 | 6.651     | 6.662         | -0.006        | 98  | 66871    | 0.2433            |       |
| 20 1,1-Dichloroethene              | 96  | 7.743     | 7.753         | -0.010        | 62  | 41922    | 0.3941            |       |
| 21 112TCTFE                        | 101 | 7.791     | 7.791         | -0.010        | 96  | 328178   | 1.56              |       |
| 22 Acetone                         | 43  | 7.844     | 7.855         | -0.011        | 99  | 1498596  | 10.2              |       |
| 24 Carbon disulfide                | 76  | 8.160     | 8.165         | -0.005        | 100 | 2141194  | 7.36              |       |
| 23 Isopropyl alcohol               | 45  | 8.187     | 8.229         | 0.016         | 99  | 142666   | 0.8847            |       |
| 26 3-Chloro-1-propene              | 41  |           | 8.470         |               |     |          | ND                | U     |
| 27 Methylene Chloride              | 49  | 8.695     | 8.689         | -0.011        | 86  | 24525    | 0.2129            |       |
| 28 2-Methyl-2-propanol             | 59  | 8.957     | 8.928         | 0.016         | 87  | 30825    | 0.1670            |       |
| 30 trans-1,2-Dichloroethene        | 61  |           | 9.219         |               |     |          | ND                | MU    |
| 31 Methyl tert-butyl ether         | 73  |           | 9.230         |               |     |          | ND                | U     |
| 32 Hexane                          | 57  | 9.727     | 9.717         | -0.006        | 92  | 1072285  | 7.85              |       |
| 33 1,1-Dichloroethane              | 63  | 9.989     | 9.995         | -0.006        | 100 | 1502368  | 7.95              |       |
| 36 2-Butanone (MEK)                | 72  | 10.990    | 10.995        | 0.005         | 100 | 102643   | 2.32              |       |
| 37 cis-1,2-Dichloroethene          | 96  | 10.995    | 11.001        | -0.006        | 95  | 274221   | 2.55              |       |
| * 39 Chlorobromomethane            | 128 | 11.412    | 11.423        | -0.011        | 89  | 712505   | 10.0              |       |
| 40 Tetrahydrofuran                 | 42  |           | 11.466        |               |     |          | ND                |       |
| 41 Chloroform                      | 83  | 11.589    | 11.589        | -0.011        | 96  | 42032    | 0.1916            | M     |
| 42 1,1,1-Trichloroethane           | 97  | 11.899    | 11.910        | -0.011        | 96  | 2291053  | 9.76              |       |
| 43 Cyclohexane                     | 84  | 12.044    | 12.033        | 0.000         | 92  | 159735   | 1.23              |       |
| 44 Carbon tetrachloride            | 117 | 12.183    | 12.177        | -0.005        | 83  | 16381    | 0.0644            |       |
| 45 Benzene                         | 78  | 12.531    | 12.525        | -0.010        | 97  | 753482   | 2.50              |       |

| Compound                       | Sig | RT (min.) | Adj RT (min.) | Dlt RT (min.) | Q  | Response | OnCol Amt ppb v/v | Flags |
|--------------------------------|-----|-----------|---------------|---------------|----|----------|-------------------|-------|
| 46 1,2-Dichloroethane          | 62  |           | 12.616        |               |    |          | ND                | U     |
| 47 Isooctane                   | 57  | 12.755    | 12.750        | 0.000         | 98 | 1631754  | 3.75              |       |
| 48 n-Heptane                   | 43  | 13.066    | 13.055        | -0.005        | 95 | 1010598  | 6.23              |       |
| * 50 1,4-Difluorobenzene       | 114 | 13.279    | 13.285        | -0.006        | 95 | 3436914  | 10.0              |       |
| 51 Trichloroethene             | 95  | 13.713    | 13.712        | -0.005        | 99 | 629447   | 4.41              |       |
| 54 1,2-Dichloropropane         | 63  |           | 14.178        |               |    |          | ND                | U     |
| 55 Methyl methacrylate         | 69  |           | 14.269        |               |    |          | ND                | U     |
| 56 1,4-Dioxane                 | 88  |           | 14.307        |               |    |          | ND                | 7     |
| 58 Dichlorobromomethane        | 83  |           | 14.649        |               |    |          | ND                |       |
| 60 cis-1,3-Dichloropropene     | 75  |           | 15.457        |               |    |          | ND                | 7     |
| 61 4-Methyl-2-pentanone (MIBK) | 43  | 15.714    | 15.714        | 0.000         | 97 | 145283   | 0.6512            | M     |
| 62 Toluene                     | 92  | 16.093    | 16.104        | -0.006        | 94 | 1448123  | 6.20              |       |
| 64 trans-1,3-Dichloropropene   | 75  |           | 16.516        |               |    |          | ND                | 7     |
| 65 1,1,2-Trichloroethane       | 83  |           | 16.896        |               |    |          | ND                | U     |
| 66 Tetrachloroethene           | 166 | 17.094    | 17.083        | 0.005         | 97 | 20215388 | 84.8              | E     |
| 67 2-Hexanone                  | 43  |           | 17.297        |               |    |          | ND                | U     |
| 68 Chlorodibromomethane        | 129 |           | 17.634        |               |    |          | ND                |       |
| 69 Ethylene Dibromide          | 107 |           | 17.875        |               |    |          | ND                |       |
| * 70 Chlorobenzene-d5          | 117 | 18.790    | 18.790        | 0.000         | 87 | 3231384  | 10.0              |       |
| 71 Chlorobenzene               | 112 |           | 18.849        |               |    |          | ND                | 7     |
| 73 Ethylbenzene                | 91  | 19.041    | 19.041        | 0.000         | 99 | 3553446  | 6.81              |       |
| 74 m-Xylene & p-Xylene         | 106 | 19.293    | 19.308        | -0.010        | 0  | 6649791  | 32.9              |       |
| 76 o-Xylene                    | 106 | 20.079    | 20.073        | 0.000         | 99 | 3024184  | 15.8              |       |
| 78 Styrene                     | 104 |           | 20.116        |               |    |          | ND                | MU    |
| 79 Bromoform                   | 173 |           | 20.464        |               |    |          | ND                |       |
| 80 Isopropylbenzene            | 105 |           | 20.774        |               |    |          | ND                | U     |
| 81 1,1,2,2-Tetrachloroethane   | 83  |           | 21.293        |               |    |          | ND                |       |
| 83 N-Propylbenzene             | 91  | 21.497    | 21.507        | 0.006         | 99 | 404649   | 0.6106            |       |
| 84 2-Chlorotoluene             | 91  |           | 21.641        |               |    |          | ND                |       |
| 85 4-Ethyltoluene              | 105 | 21.689    | 21.700        | 0.000         | 96 | 467055   | 0.8514            |       |
| 86 1,3,5-Trimethylbenzene      | 105 | 21.786    | 21.785        | 0.000         | 93 | 437949   | 0.9356            |       |
| 89 tert-Butylbenzene           | 119 |           | 22.267        |               |    |          | ND                | U     |
| 90 1,2,4-Trimethylbenzene      | 105 | 22.353    | 22.353        | 0.000         | 98 | 1567147  | 3.36              |       |
| 91 sec-Butylbenzene            | 105 | 22.593    | 22.593        | 0.000         | 95 | 63730    | 0.0917            | Ma    |
| 92 1,3-Dichlorobenzene         | 146 |           | 22.765        |               |    |          | ND                | 7     |
| 93 4-Isopropyltoluene          | 119 | 22.807    | 22.807        | 0.000         | 97 | 230925   | 0.3881            |       |
| 94 1,4-Dichlorobenzene         | 146 | 22.904    | 22.920        | -0.005        | 41 | 6532     | 0.0241            |       |
| 95 Benzyl chloride             | 91  |           | 23.053        |               |    |          | ND                |       |
| 96 n-Butylbenzene              | 91  | 23.358    | 23.369        | -0.006        | 96 | 95458    | 0.1854            |       |
| 97 1,2-Dichlorobenzene         | 146 |           | 23.396        |               |    |          | ND                | 7     |
| 100 1,2,4-Trichlorobenzene     | 180 |           | 25.835        |               |    |          | ND                | 7     |
| 101 Hexachlorobutadiene        | 225 |           | 26.076        |               |    |          | ND                | 7     |
| 102 Naphthalene                | 128 | 26.311    | 26.317        | 0.000         | 99 | 176295   | 0.4752            |       |

### QC Flag Legend

#### Processing Flags

E - Exceeded Maximum Amount

7 - Failed Limit of Detection

## Review Flags

M - Manually Integrated

U - Marked Undetected

a - User Assigned ID

**Reagents:**

ATTO15WISs\_00009

Amount Added: 20.00

Units: mL

Run Reagent

Eurofins TestAmerica, Burlington

Data File: \\chromfs\Burlington\ChromData\CHW.i\20201218-44134.b\44134-017.d

Injection Date: 18-Dec-2020 23:04:30

Instrument ID: CHW.i

Operator ID: ggg

Lims ID: 200-56451-A-1

Lab Sample ID: 200-56451-1

Worklist Smp#: 17

Client ID: SG-201

Purge Vol: 200.000 mL

Dil. Factor: 1.0000

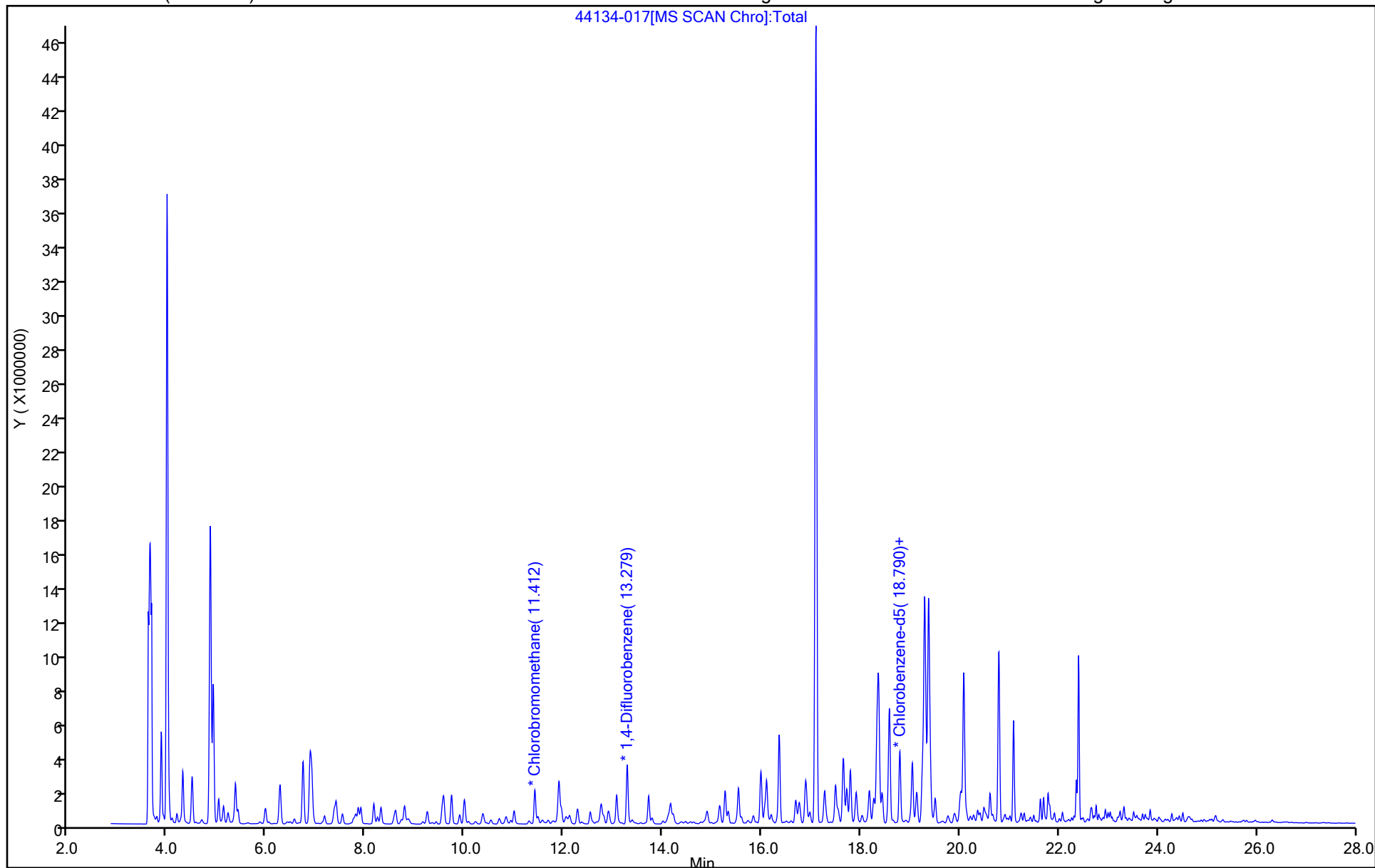
ALS Bottle#: 16

Method: TO15\_TO3\_MasterMethod\_W

Limit Group: AI\_TO15\_ICAL

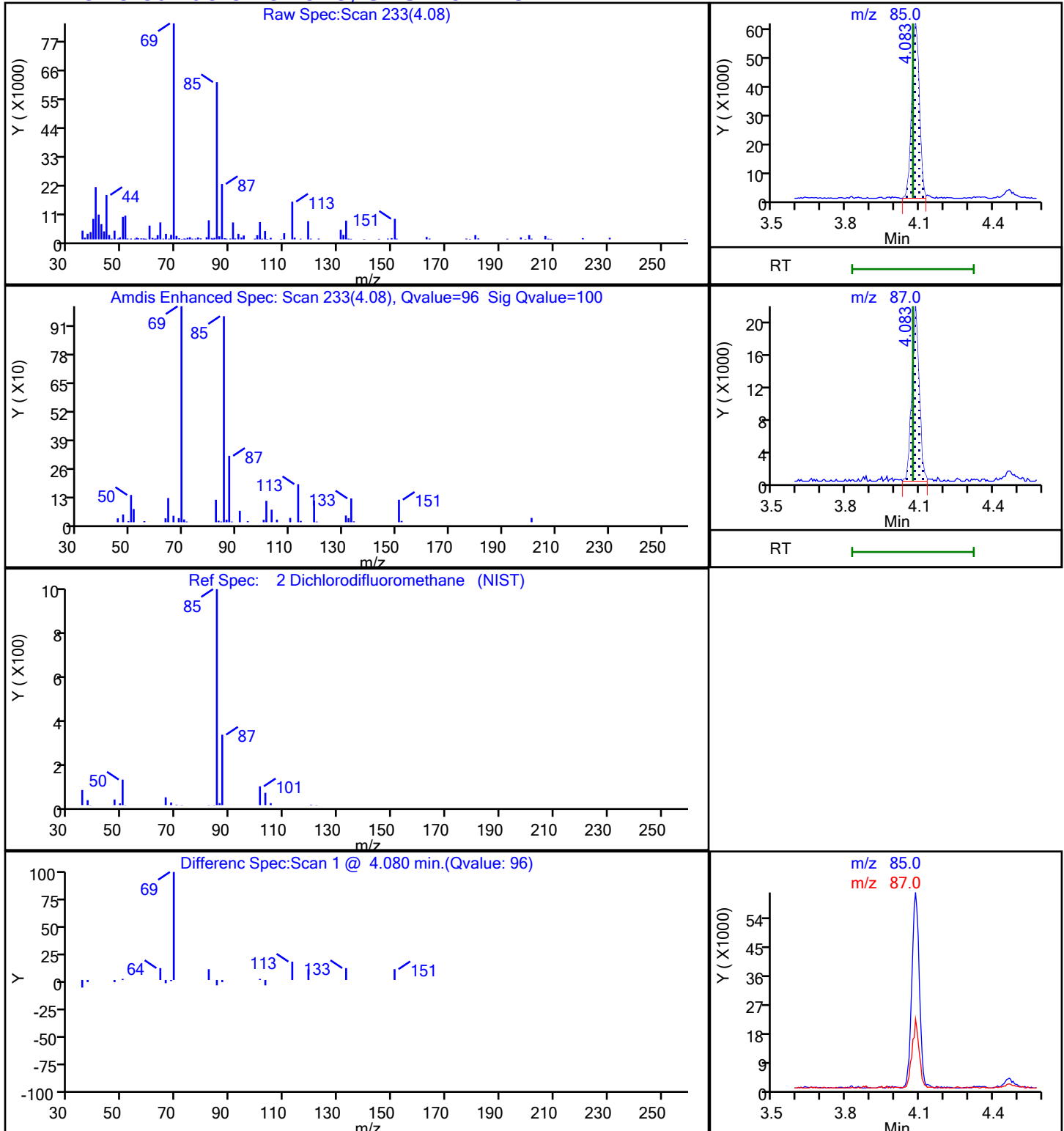
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Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



## Eurofins TestAmerica, Burlington

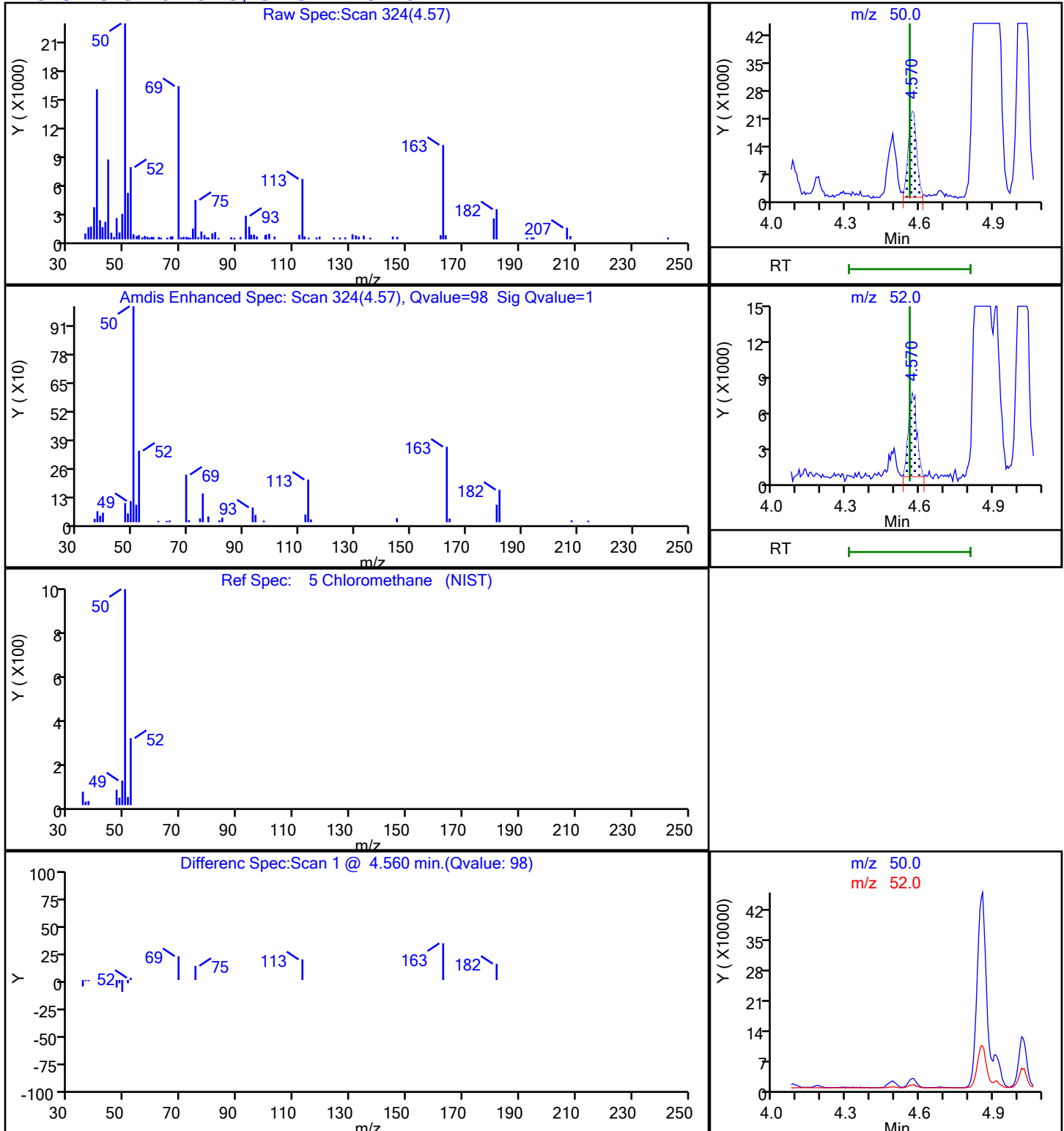
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Injection Date: 18-Dec-2020 23:04:30 Instrument ID: CHW.i  
Lims ID: 200-56451-A-1 Lab Sample ID: 200-56451-1  
Client ID: SG-201  
Operator ID: ggg ALS Bottle#: 16 Worklist Smp#: 17  
Purge Vol: 200.000 mL Dil. Factor: 1.0000  
Method: TO15\_TO3\_MasterMethod\_W Limit Group: AI\_TO15\_ICAL  
Column: RTX-624 ( 0.32 mm) Detector MS SCAN

**2 Dichlorodifluoromethane, CAS: 75-71-8**



## Eurofins TestAmerica, Burlington

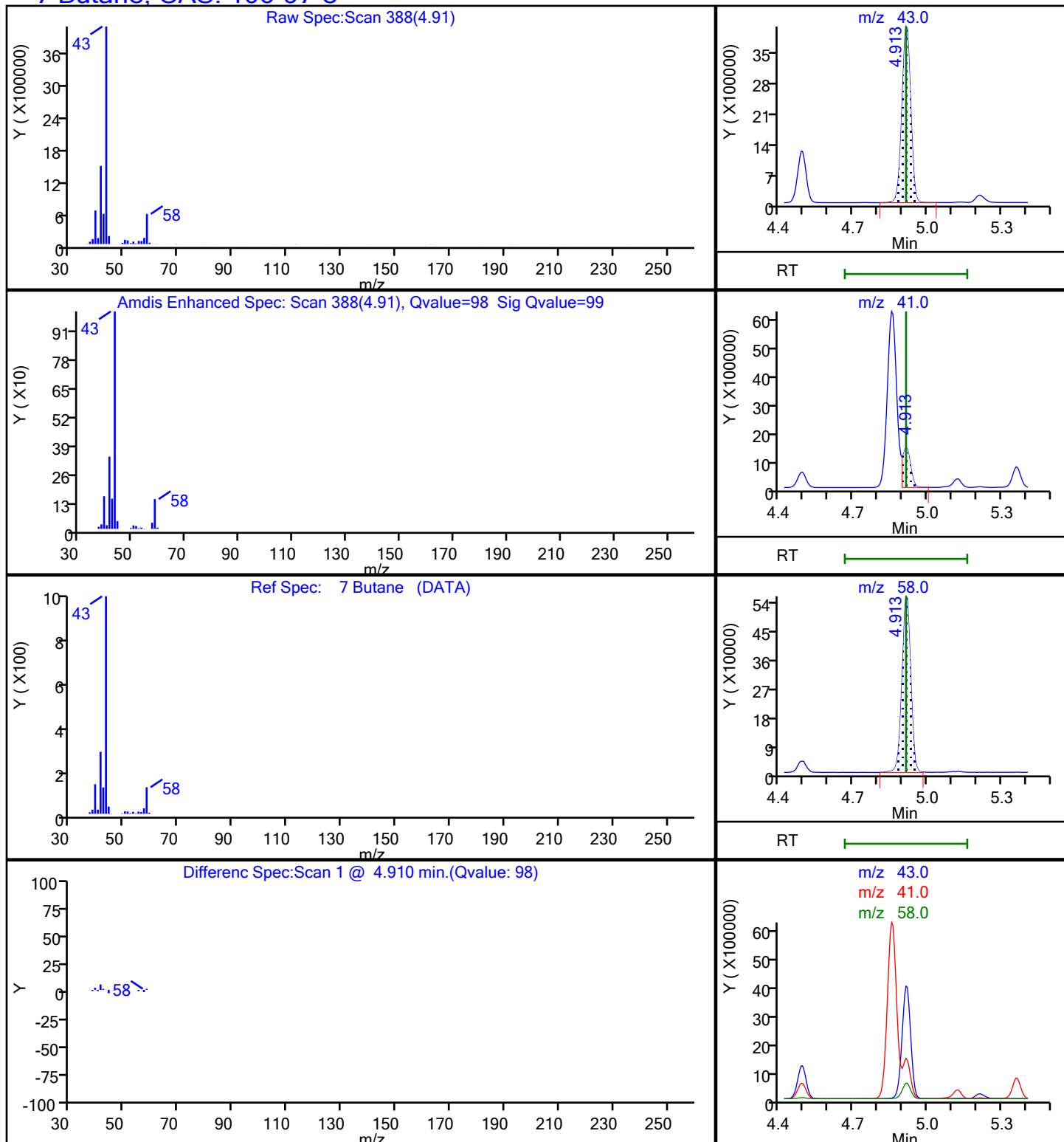
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Injection Date: 18-Dec-2020 23:04:30 Instrument ID: CHW.i  
Lims ID: 200-56451-A-1 Lab Sample ID: 200-56451-1  
Client ID: SG-201  
Operator ID: ggg ALS Bottle#: 16 Worklist Smp#: 17  
Purge Vol: 200.000 mL Dil. Factor: 1.0000  
Method: TO15\_TO3\_MasterMethod\_W Limit Group: AI\_TO15\_ICAL  
Column: RTX-624 ( 0.32 mm) Detector: MS SCAN

**5 Chloromethane, CAS: 74-87-3**

## Eurofins TestAmerica, Burlington

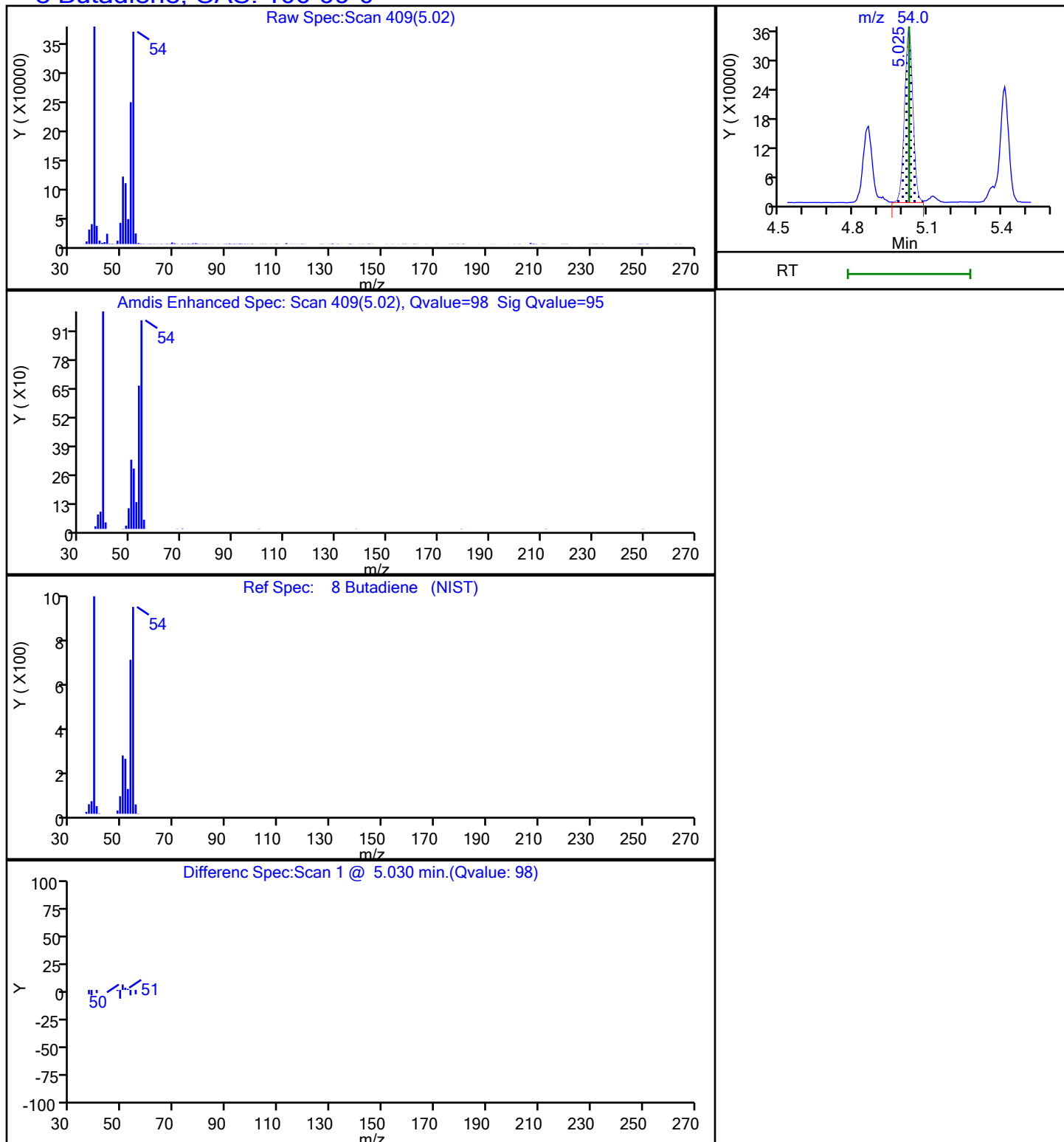
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Injection Date: 18-Dec-2020 23:04:30 Instrument ID: CHW.i  
Lims ID: 200-56451-A-1 Lab Sample ID: 200-56451-1  
Client ID: SG-201  
Operator ID: ggg ALS Bottle#: 16 Worklist Smp#: 17  
Purge Vol: 200.000 mL Dil. Factor: 1.0000  
Method: TO15\_TO3\_MasterMethod\_W Limit Group: AI\_TO15\_ICAL  
Column: RTX-624 ( 0.32 mm) Detector MS SCAN

## 7 Butane, CAS: 106-97-8



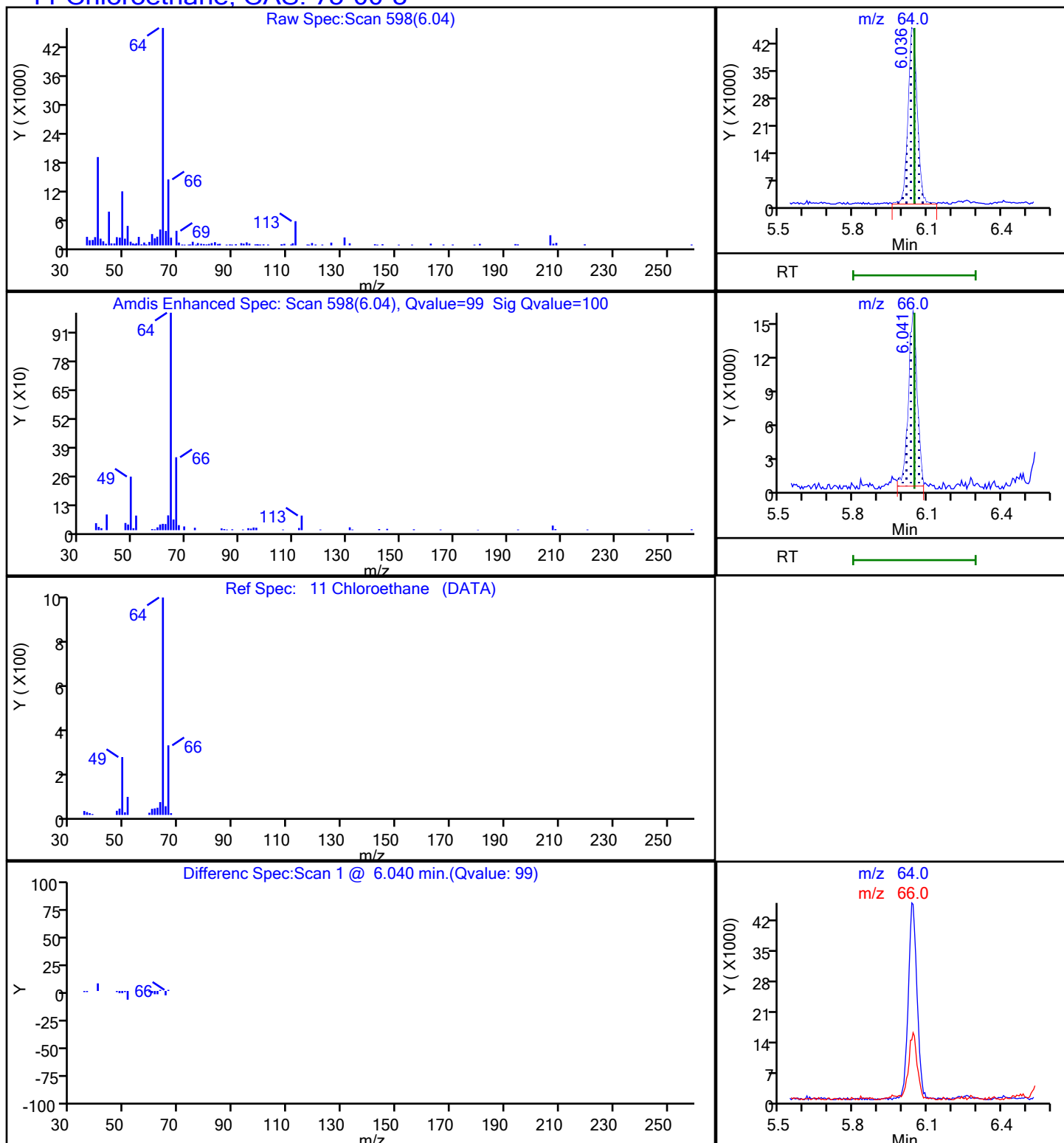
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Injection Date: 18-Dec-2020 23:04:30 Instrument ID: CHW.i  
Lims ID: 200-56451-A-1 Lab Sample ID: 200-56451-1  
Client ID: SG-201  
Operator ID: ggg ALS Bottle#: 16 Worklist Smp#: 17  
Purge Vol: 200.000 mL Dil. Factor: 1.0000  
Method: TO15\_TO3\_MasterMethod\_W Limit Group: AI\_TO15\_ICAL  
Column: RTX-624 ( 0.32 mm) Detector MS SCAN

**8 Butadiene, CAS: 106-99-0**

## Eurofins TestAmerica, Burlington

Data File: \\chromfs\Burlington\ChromData\CHW.i\20201218-44134.b\44134-017.d  
Injection Date: 18-Dec-2020 23:04:30 Instrument ID: CHW.i  
Lims ID: 200-56451-A-1 Lab Sample ID: 200-56451-1  
Client ID: SG-201  
Operator ID: ggg ALS Bottle#: 16 Worklist Smp#: 17  
Purge Vol: 200.000 mL Dil. Factor: 1.0000  
Method: TO15\_TO3\_MasterMethod\_W Limit Group: AI\_TO15\_ICAL  
Column: RTX-624 ( 0.32 mm) Detector MS SCAN

**11 Chloroethane, CAS: 75-00-3**

Eurofins TestAmerica, Burlington

Data File: \\chromfs\Burlington\ChromData\CHW.i\20201218-44134.b\44134-017.d

Injection Date: 18-Dec-2020 23:04:30

Instrument ID: CHW.i

Lims ID: 200-56451-A-1

Lab Sample ID: 200-56451-1

Client ID: SG-201

Operator ID: ggg

ALS Bottle#: 16

Worklist Smp#: 17

Purge Vol: 200.000 mL

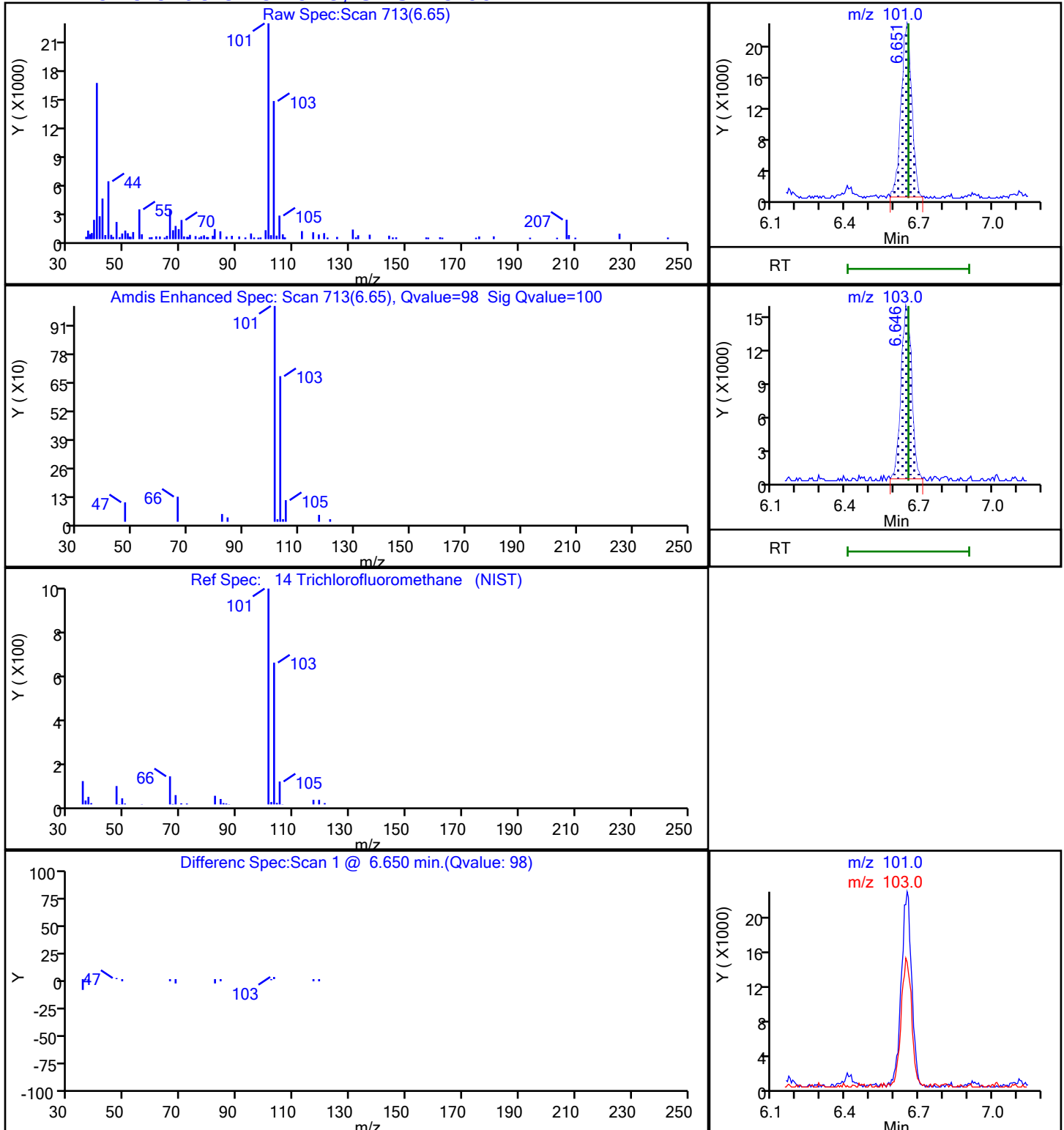
Dil. Factor: 1.0000

Method: TO15\_TO3\_MasterMethod\_W

Limit Group: AI\_TO15\_ICAL

Column: RTX-624 ( 0.32 mm)

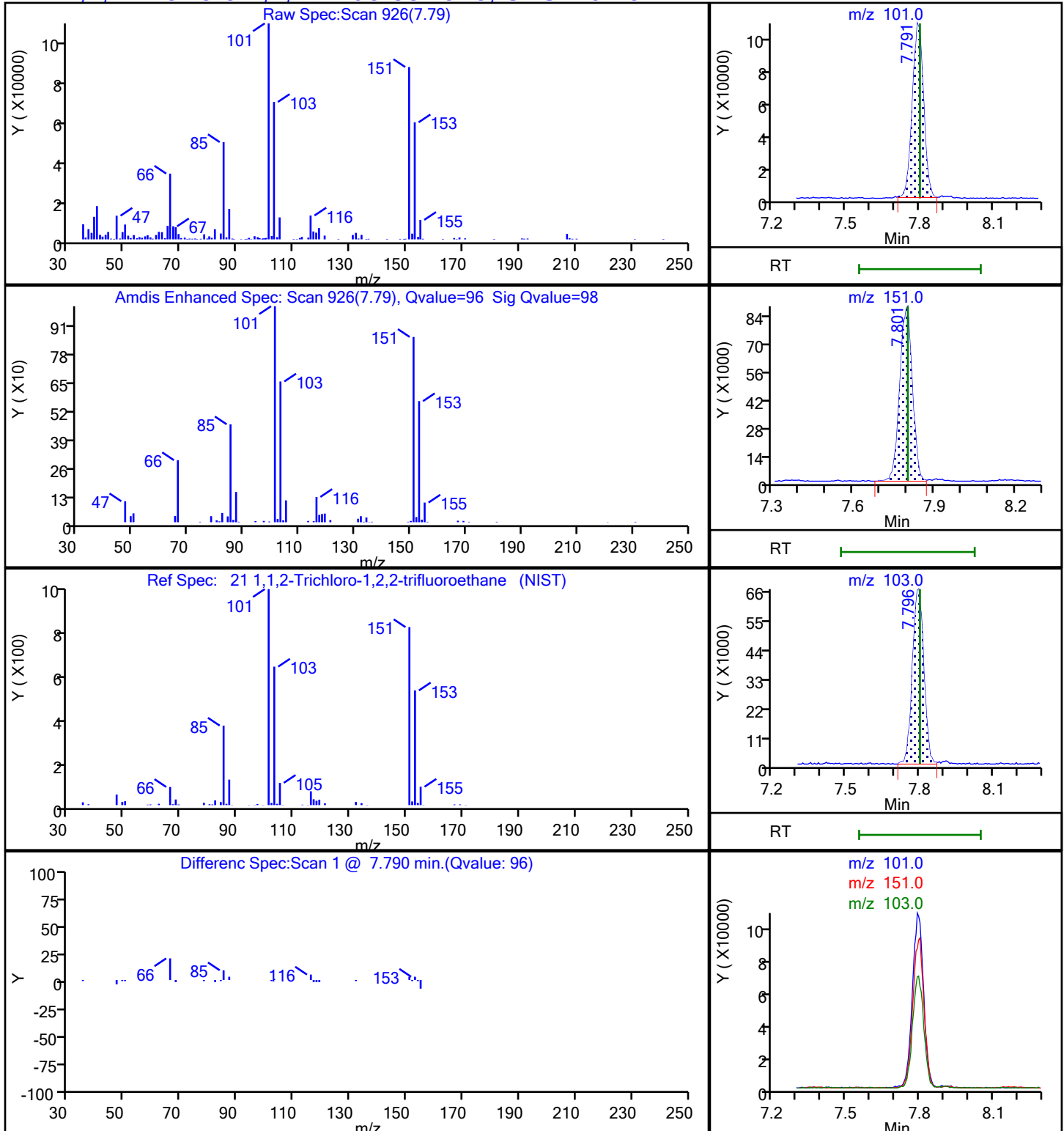
Detector: MS SCAN

**14 Trichlorofluoromethane, CAS: 75-69-4**

## Eurofins TestAmerica, Burlington

Data File: \\chromfs\Burlington\ChromData\CHW.i\20201218-44134.b\44134-017.d  
Injection Date: 18-Dec-2020 23:04:30 Instrument ID: CHW.i  
Lims ID: 200-56451-A-1 Lab Sample ID: 200-56451-1  
Client ID: SG-201  
Operator ID: ggg ALS Bottle#: 16 Worklist Smp#: 17  
Purge Vol: 200.000 mL Dil. Factor: 1.0000  
Method: TO15\_TO3\_MasterMethod\_W Limit Group: AI\_TO15\_ICAL  
Column: RTX-624 ( 0.32 mm) Detector MS SCAN

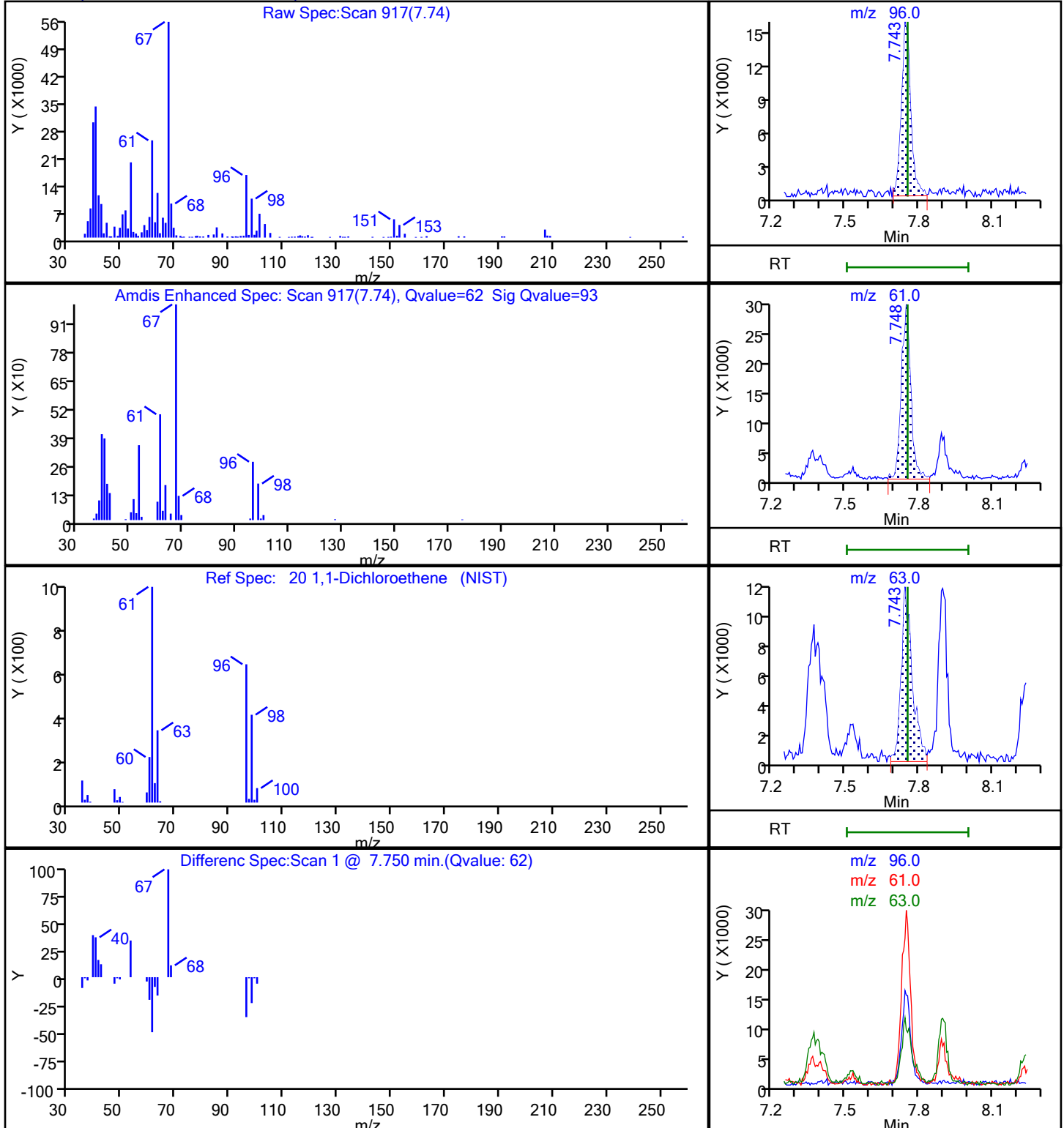
## 21 1,1,2-Trichloro-1,2,2-trifluoroethane, CAS: 76-13-1



## Eurofins TestAmerica, Burlington

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Injection Date: 18-Dec-2020 23:04:30 Instrument ID: CHW.i  
Lims ID: 200-56451-A-1 Lab Sample ID: 200-56451-1  
Client ID: SG-201  
Operator ID: ggg ALS Bottle#: 16 Worklist Smp#: 17  
Purge Vol: 200.000 mL Dil. Factor: 1.0000  
Method: TO15\_TO3\_MasterMethod\_W Limit Group: AI\_TO15\_ICAL  
Column: RTX-624 ( 0.32 mm) Detector MS SCAN

## 20 1,1-Dichloroethene, CAS: 75-35-4



## Eurofins TestAmerica, Burlington

Data File: \\chromfs\Burlington\ChromData\CHW.i\20201218-44134.b\44134-017.d

Injection Date: 18-Dec-2020 23:04:30

Instrument ID: CHW.i

Lims ID: 200-56451-A-1

Lab Sample ID: 200-56451-1

Client ID: SG-201

Operator ID: ggg

ALS Bottle#: 16

Worklist Smp#: 17

Purge Vol: 200.000 mL

Dil. Factor: 1.0000

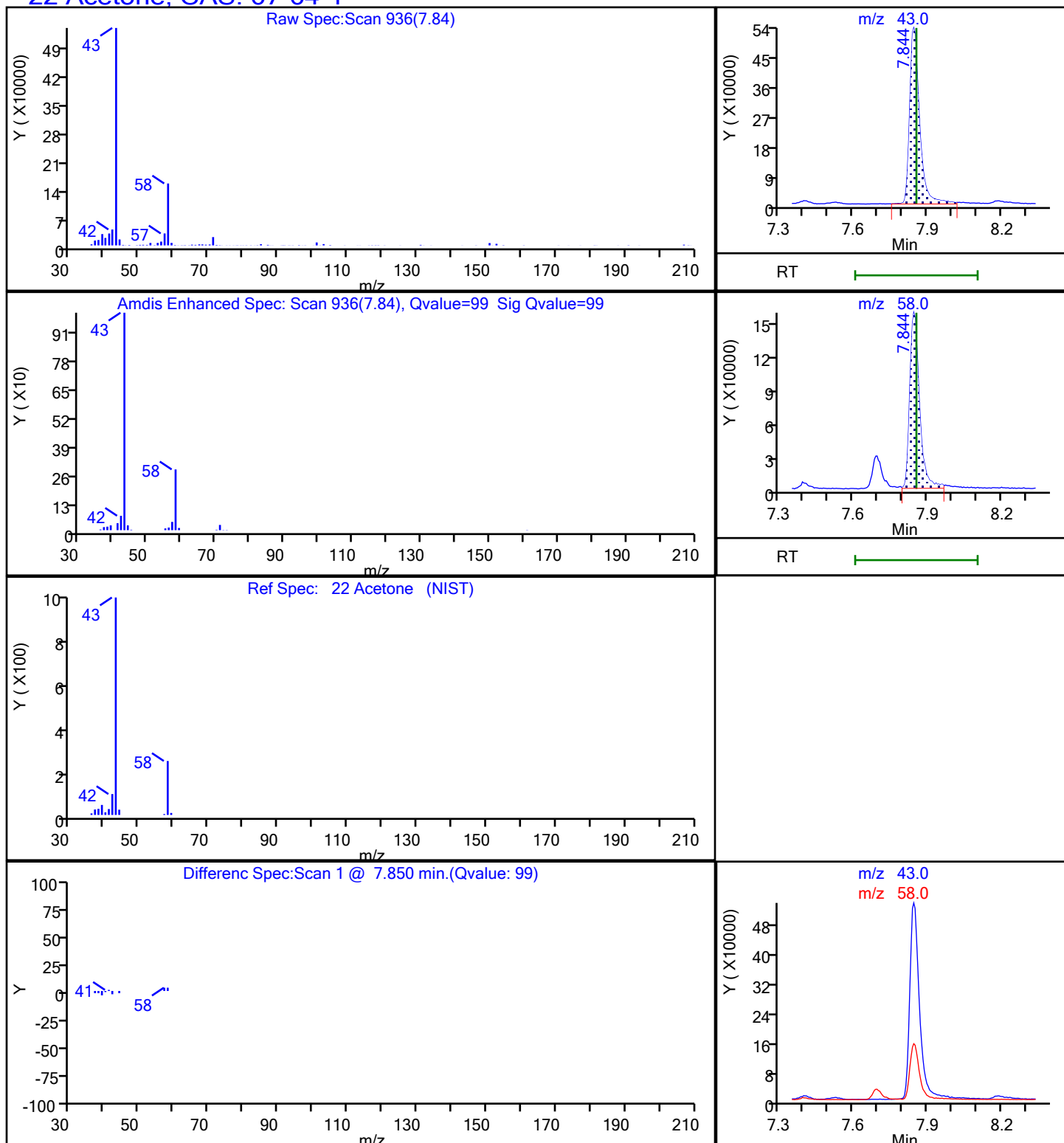
Method: TO15\_TO3\_MasterMethod\_W

Limit Group: AI\_TO15\_ICAL

Column: RTX-624 ( 0.32 mm)

Detector: MS SCAN

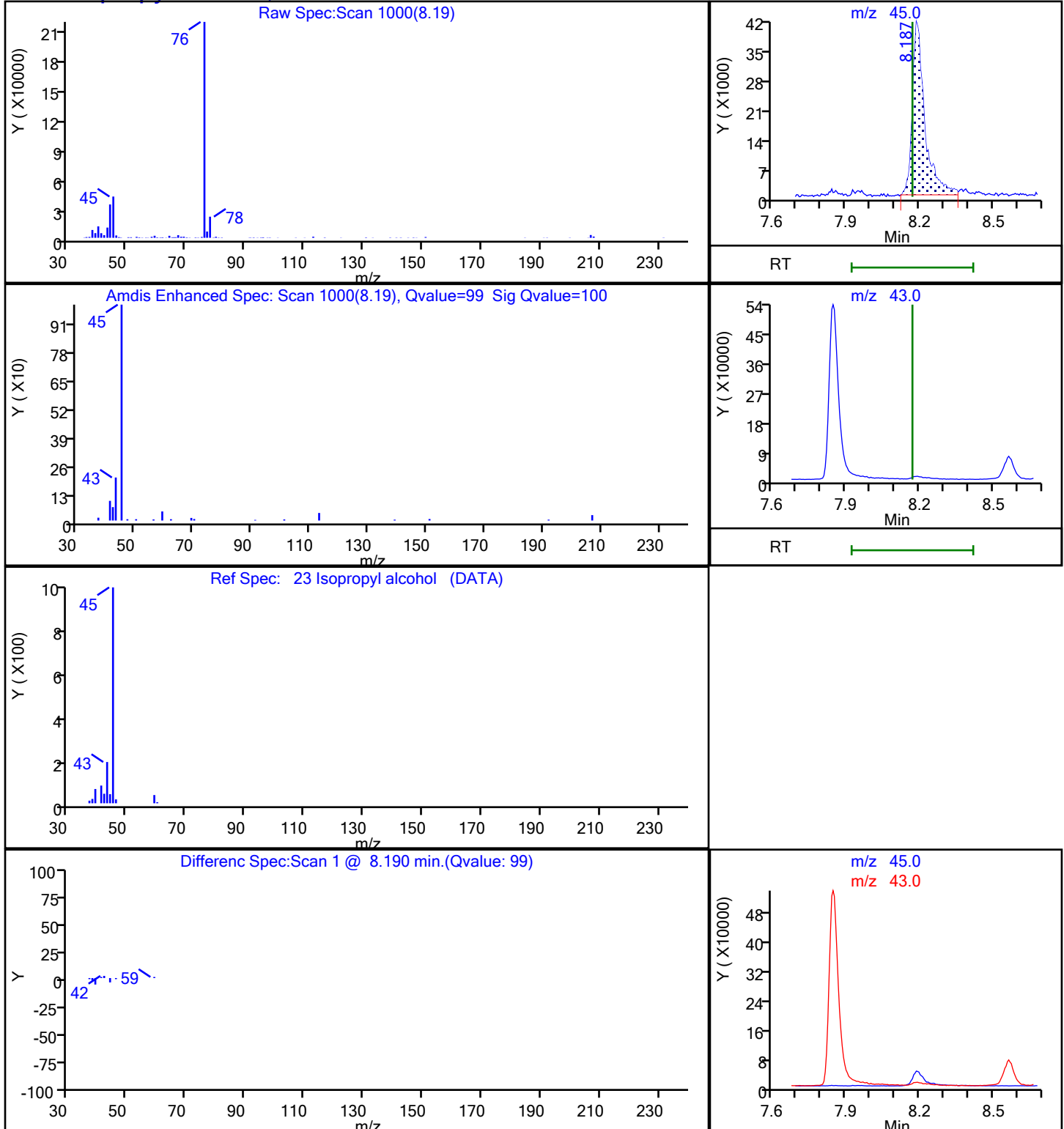
## 22 Acetone, CAS: 67-64-1





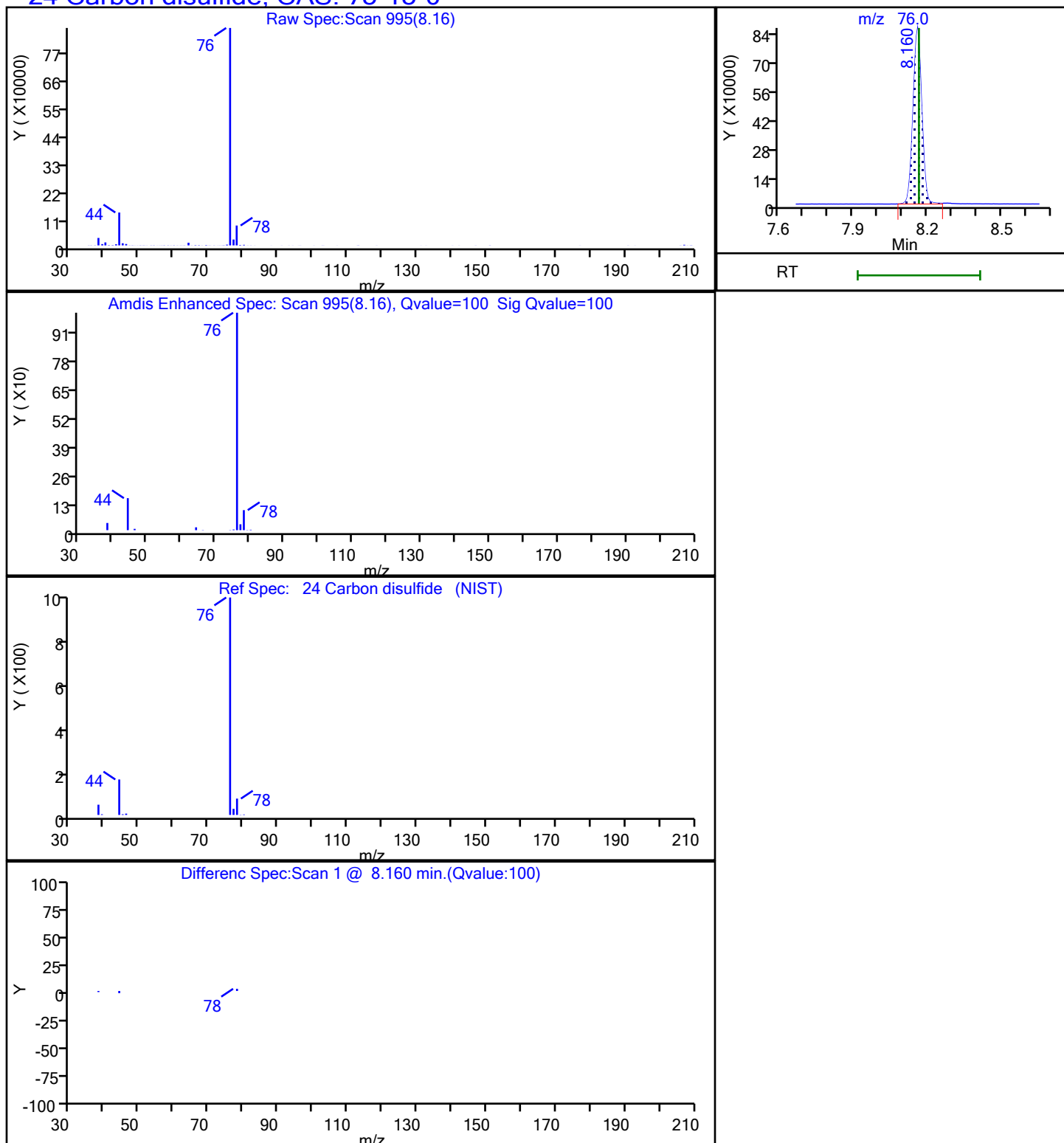
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Data File: \\chromfs\Burlington\ChromData\CHW.i\20201218-44134.b\44134-017.d  
Injection Date: 18-Dec-2020 23:04:30 Instrument ID: CHW.i  
Lims ID: 200-56451-A-1 Lab Sample ID: 200-56451-1  
Client ID: SG-201  
Operator ID: ggg ALS Bottle#: 16 Worklist Smp#: 17  
Purge Vol: 200.000 mL Dil. Factor: 1.0000  
Method: TO15\_TO3\_MasterMethod\_W Limit Group: AI\_TO15\_ICAL  
Column: RTX-624 ( 0.32 mm) Detector MS SCAN

**23 Isopropyl alcohol, CAS: 67-63-0**

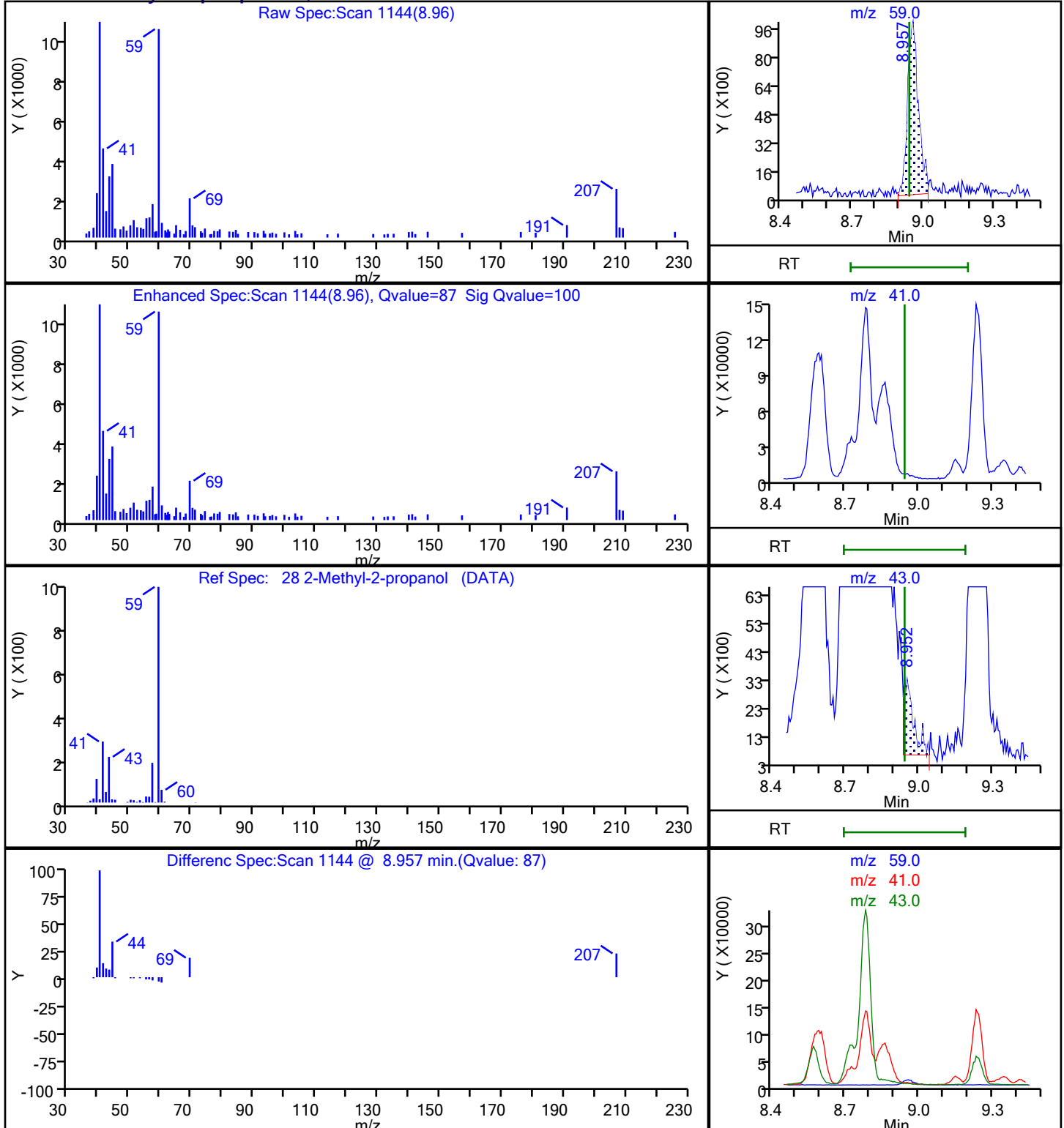
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Injection Date: 18-Dec-2020 23:04:30 Instrument ID: CHW.i  
Lims ID: 200-56451-A-1 Lab Sample ID: 200-56451-1  
Client ID: SG-201  
Operator ID: ggg ALS Bottle#: 16 Worklist Smp#: 17  
Purge Vol: 200.000 mL Dil. Factor: 1.0000  
Method: TO15\_TO3\_MasterMethod\_W Limit Group: AI\_TO15\_ICAL  
Column: RTX-624 ( 0.32 mm) Detector: MS SCAN

**24 Carbon disulfide, CAS: 75-15-0**

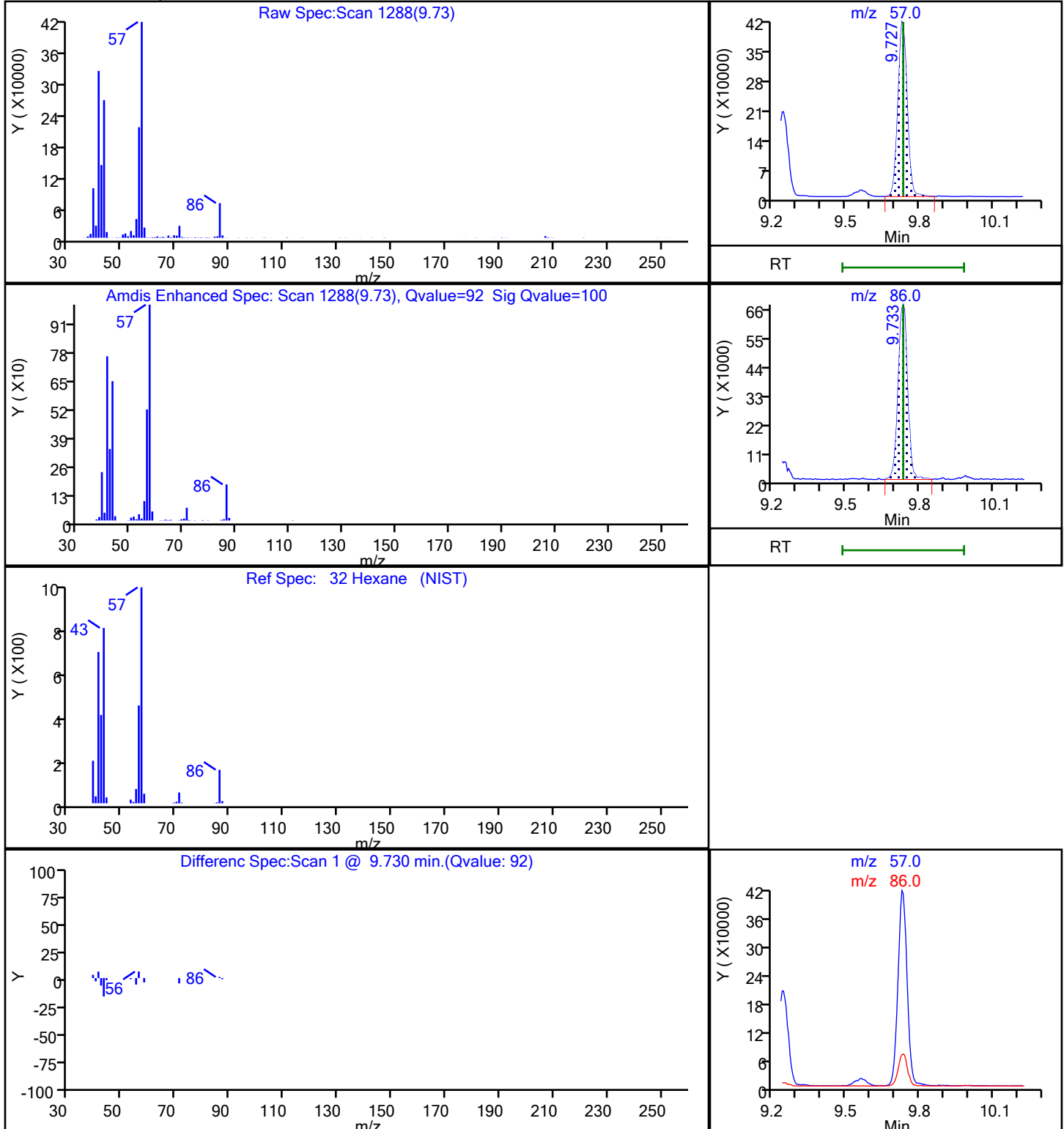
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Injection Date: 18-Dec-2020 23:04:30 Instrument ID: CHW.i  
Lims ID: 200-56451-A-1 Lab Sample ID: 200-56451-1  
Client ID: SG-201  
Operator ID: ggg ALS Bottle#: 16 Worklist Smp#: 17  
Purge Vol: 200.000 mL Dil. Factor: 1.0000  
Method: TO15\_TO3\_MasterMethod\_W Limit Group: AI\_TO15\_ICAL  
Column: RTX-624 ( 0.32 mm) Detector MS SCAN

**28 2-Methyl-2-propanol, CAS: 75-65-0**

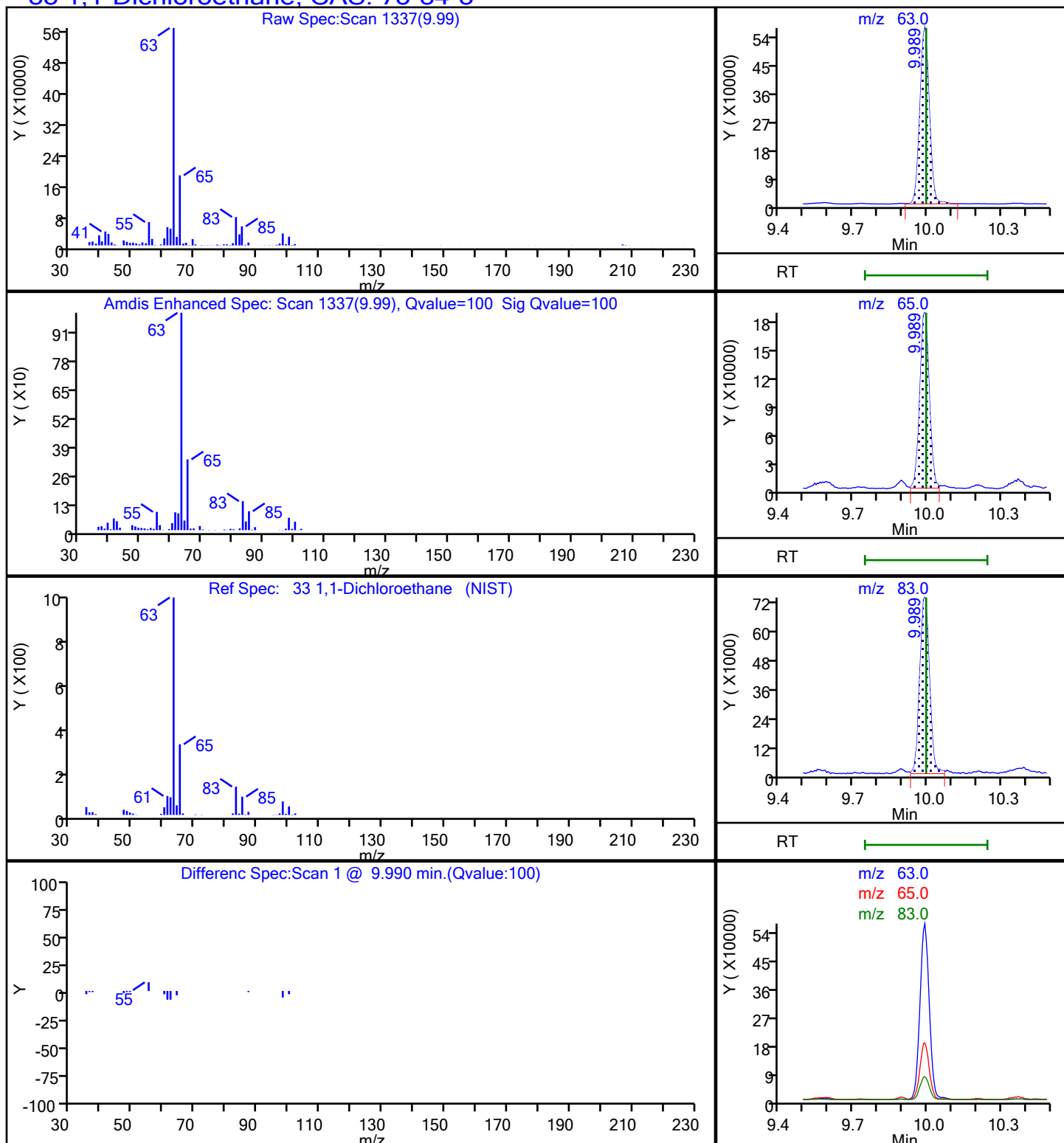
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Lims ID: 200-56451-A-1 Lab Sample ID: 200-56451-1  
Client ID: SG-201  
Operator ID: ggg ALS Bottle#: 16 Worklist Smp#: 17  
Purge Vol: 200.000 mL Dil. Factor: 1.0000  
Method: TO15\_TO3\_MasterMethod\_W Limit Group: AI\_TO15\_ICAL  
Column: RTX-624 ( 0.32 mm) Detector: MS SCAN

**32 Hexane, CAS: 110-54-3**

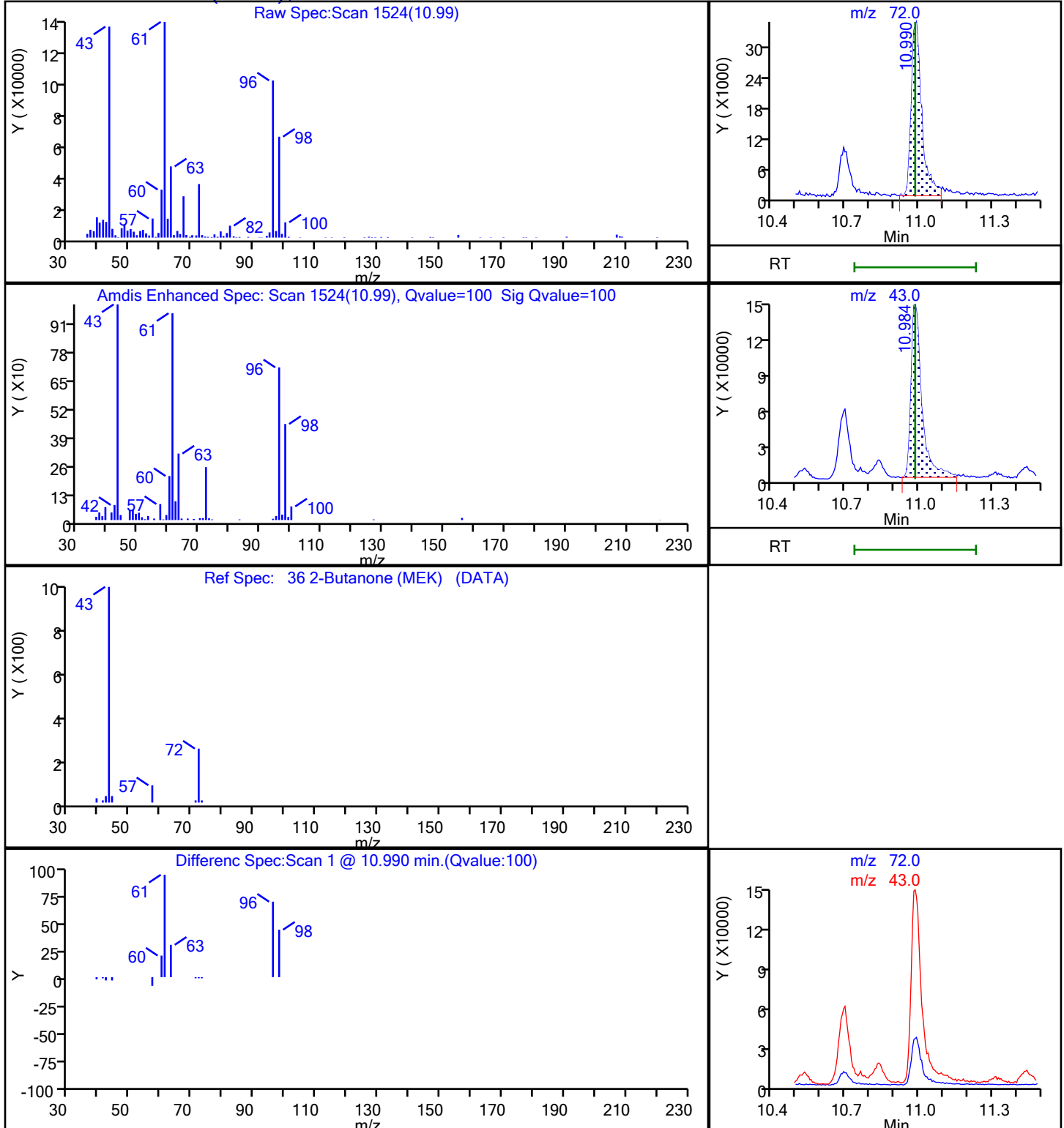
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Injection Date: 18-Dec-2020 23:04:30 Instrument ID: CHW.i  
Lims ID: 200-56451-A-1 Lab Sample ID: 200-56451-1  
Client ID: SG-201  
Operator ID: ggg ALS Bottle#: 16 Worklist Smp#: 17  
Purge Vol: 200.000 mL Dil. Factor: 1.0000  
Method: TO15\_TO3\_MasterMethod\_W Limit Group: AI\_TO15\_ICAL  
Column: RTX-624 ( 0.32 mm) Detector MS SCAN

**33 1,1-Dichloroethane, CAS: 75-34-3**

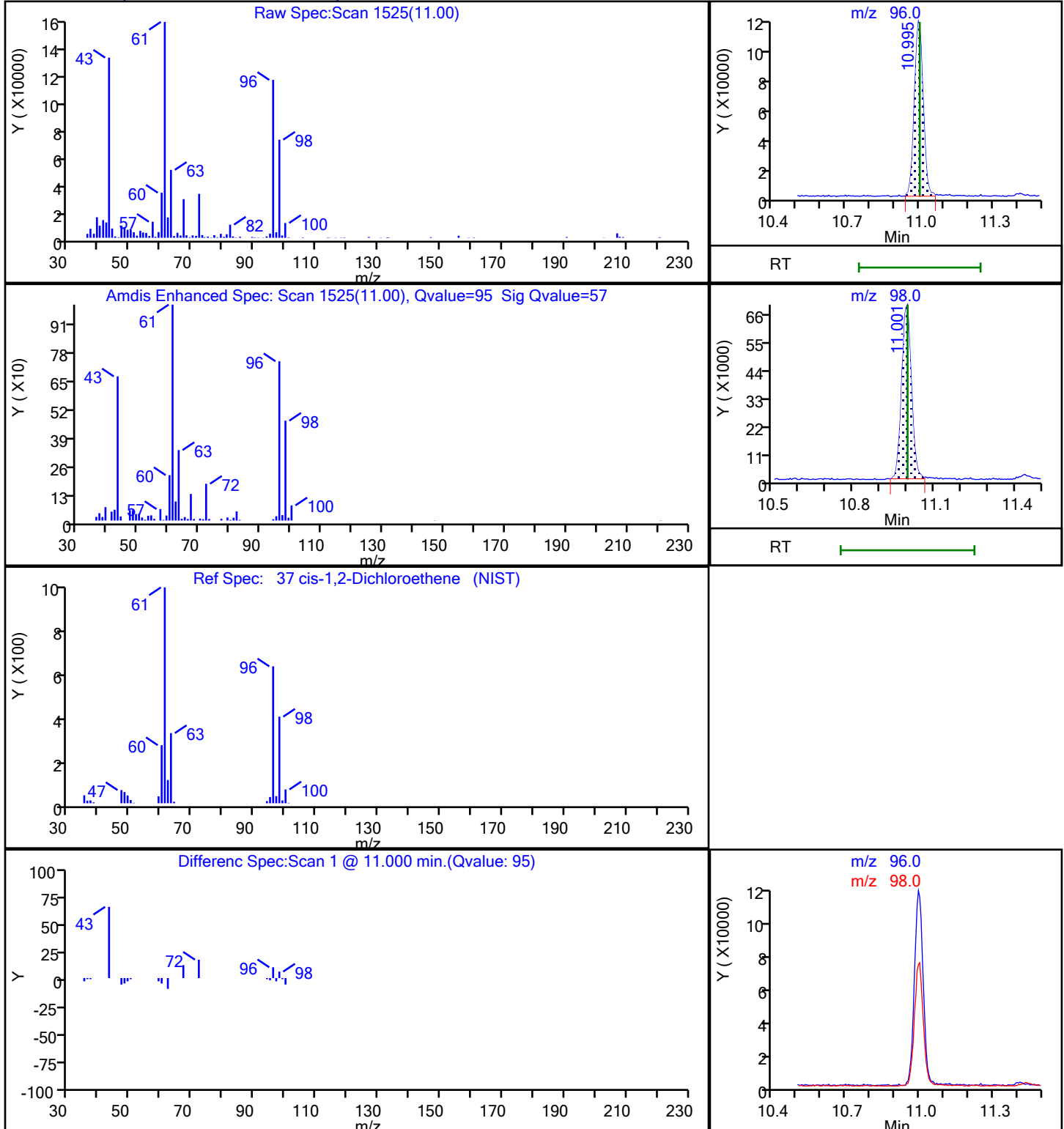
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Injection Date: 18-Dec-2020 23:04:30 Instrument ID: CHW.i  
Lims ID: 200-56451-A-1 Lab Sample ID: 200-56451-1  
Client ID: SG-201  
Operator ID: ggg ALS Bottle#: 16 Worklist Smp#: 17  
Purge Vol: 200.000 mL Dil. Factor: 1.0000  
Method: TO15\_TO3\_MasterMethod\_W Limit Group: AI\_TO15\_ICAL  
Column: RTX-624 ( 0.32 mm) Detector MS SCAN

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

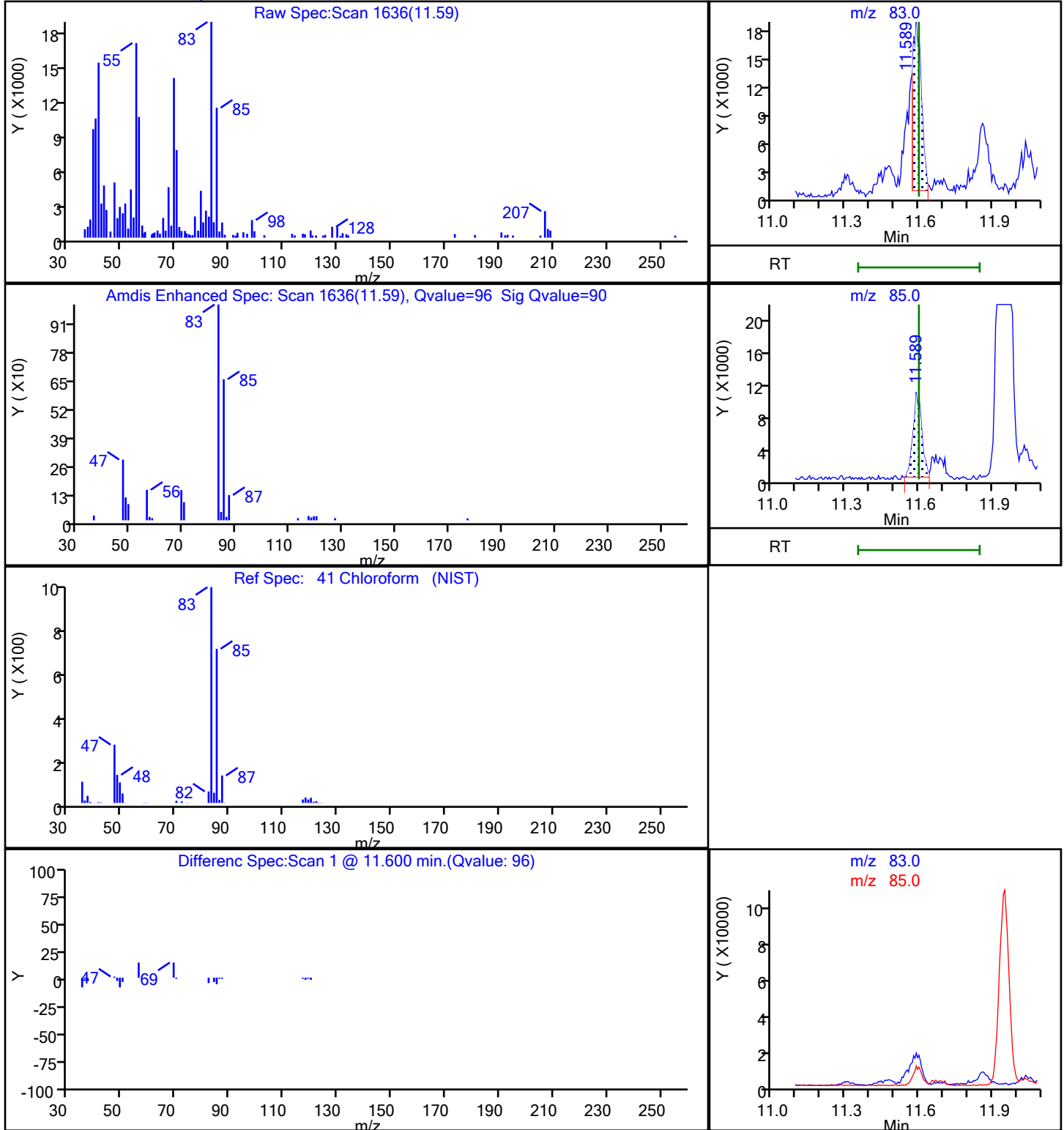
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Injection Date: 18-Dec-2020 23:04:30 Instrument ID: CHW.i  
Lims ID: 200-56451-A-1 Lab Sample ID: 200-56451-1  
Client ID: SG-201  
Operator ID: ggg ALS Bottle#: 16 Worklist Smp#: 17  
Purge Vol: 200.000 mL Dil. Factor: 1.0000  
Method: TO15\_TO3\_MasterMethod\_W Limit Group: AI\_TO15\_ICAL  
Column: RTX-624 ( 0.32 mm) Detector MS SCAN

**37 cis-1,2-Dichloroethene, CAS: 156-59-2**

## Eurofins TestAmerica, Burlington

Data File: \\chromfs\Burlington\ChromData\CHW.i\20201218-44134.b\44134-017.d  
Injection Date: 18-Dec-2020 23:04:30 Instrument ID: CHW.i  
Lims ID: 200-56451-A-1 Lab Sample ID: 200-56451-1  
Client ID: SG-201  
Operator ID: ggg ALS Bottle#: 16 Worklist Smp#: 17  
Purge Vol: 200.000 mL Dil. Factor: 1.0000  
Method: TO15\_TO3\_MasterMethod\_W Limit Group: AI\_TO15\_ICAL  
Column: RTX-624 ( 0.32 mm) Detector MS SCAN

**41 Chloroform, CAS: 67-66-3**



Eurofins TestAmerica, Burlington

Data File: \\chromfs\Burlington\ChromData\CHW.i\20201218-44134.b\44134-017.d

Injection Date: 18-Dec-2020 23:04:30

Instrument ID: CHW.i

Lims ID: 200-56451-A-1

Lab Sample ID: 200-56451-1

Client ID: SG-201

Operator ID: ggg

ALS Bottle#: 16

Worklist Smp#: 17

Purge Vol: 200.000 mL

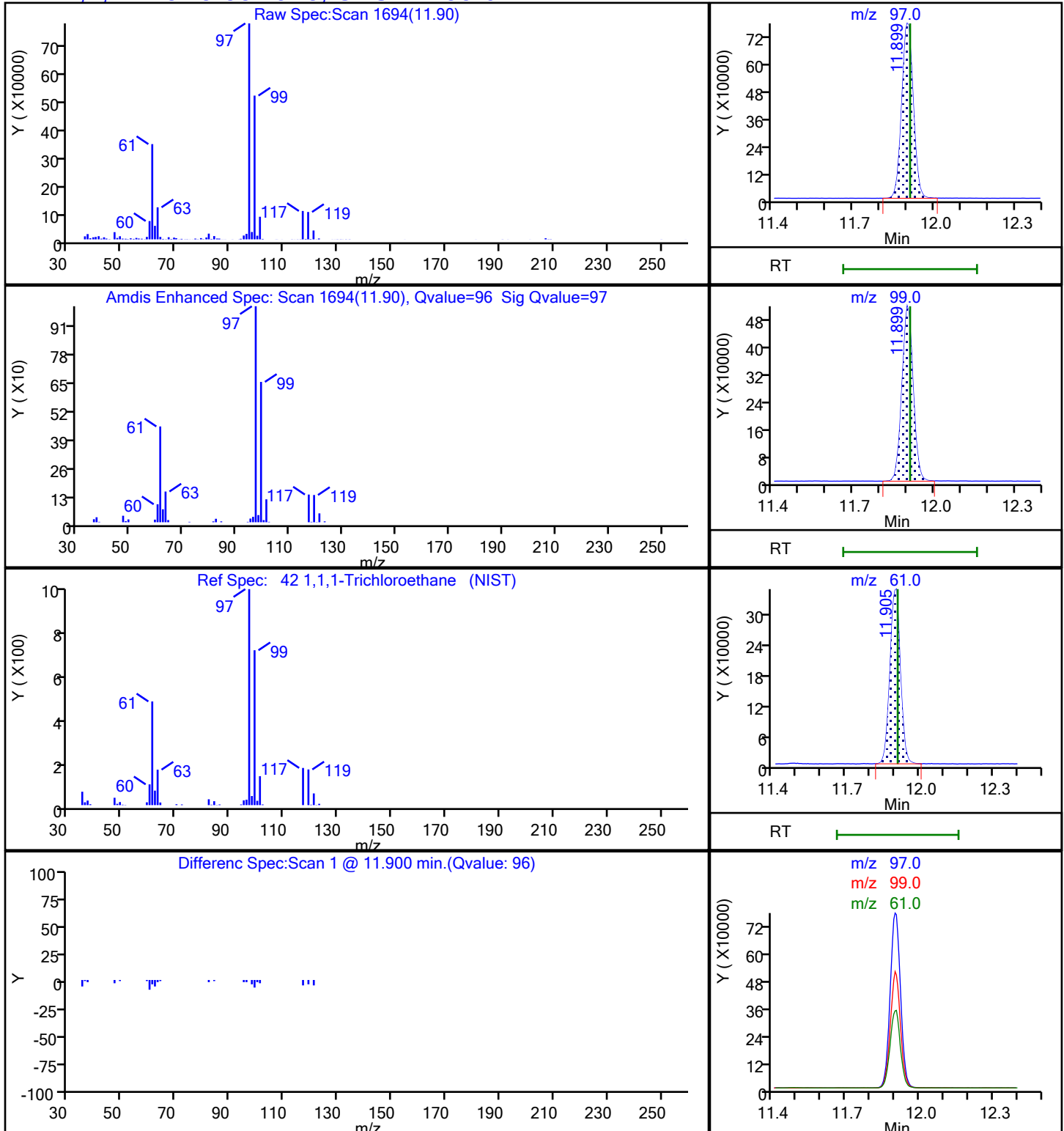
Dil. Factor: 1.0000

Method: TO15\_TO3\_MasterMethod\_W

Limit Group: AI\_TO15\_ICAL

Column: RTX-624 ( 0.32 mm)

Detector: MS SCAN

**42 1,1,1-Trichloroethane, CAS: 71-55-6**

## Eurofins TestAmerica, Burlington

Data File: \\chromfs\Burlington\ChromData\CHW.i\20201218-44134.b\44134-017.d

Injection Date: 18-Dec-2020 23:04:30

Instrument ID: CHW.i

Lims ID: 200-56451-A-1

Lab Sample ID: 200-56451-1

Client ID: SG-201

Operator ID: ggg

ALS Bottle#: 16

Worklist Smp#: 17

Purge Vol: 200.000 mL

Dil. Factor: 1.0000

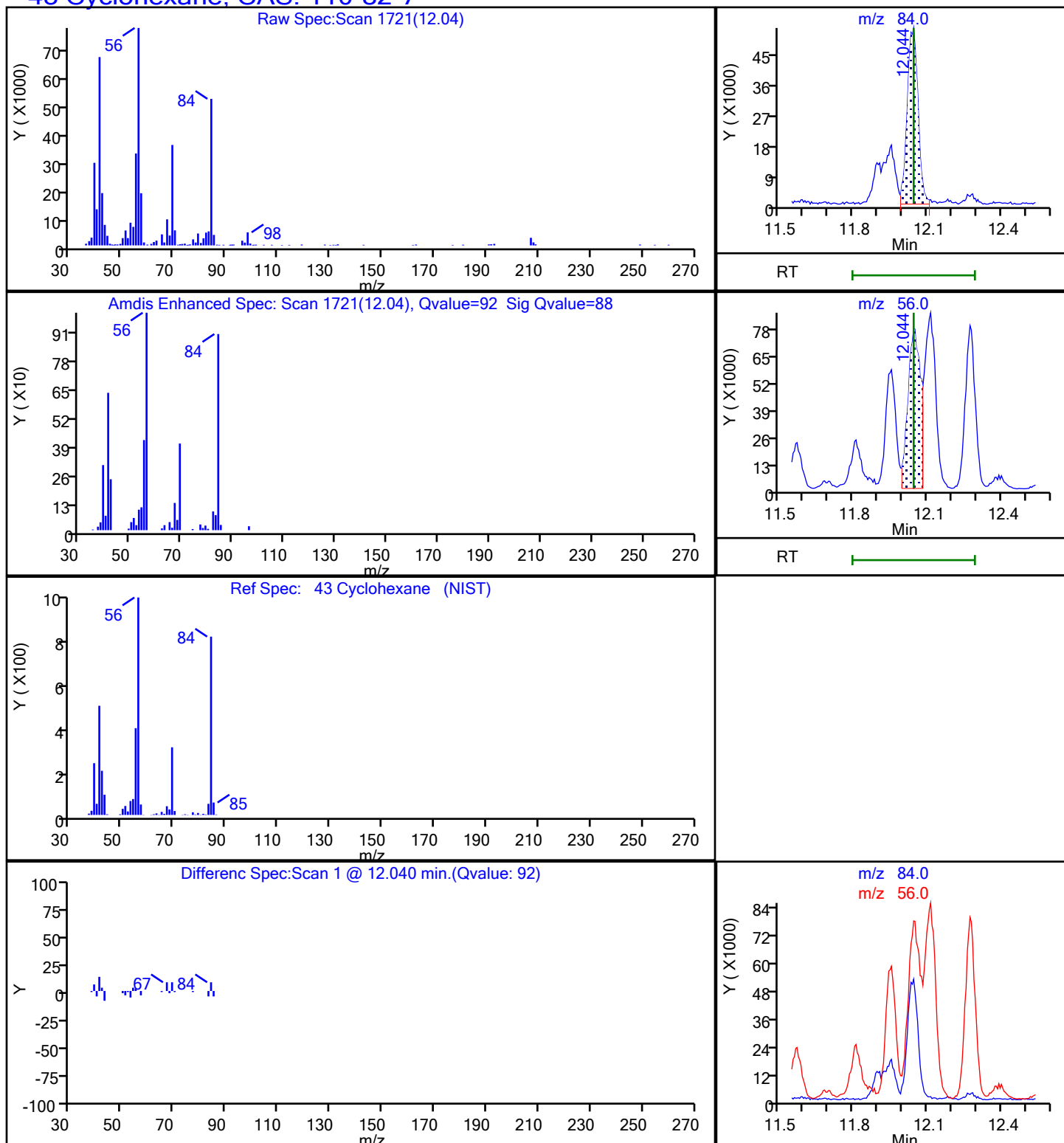
Method: TO15\_TO3\_MasterMethod\_W

Limit Group: AI\_TO15\_ICAL

Column: RTX-624 ( 0.32 mm)

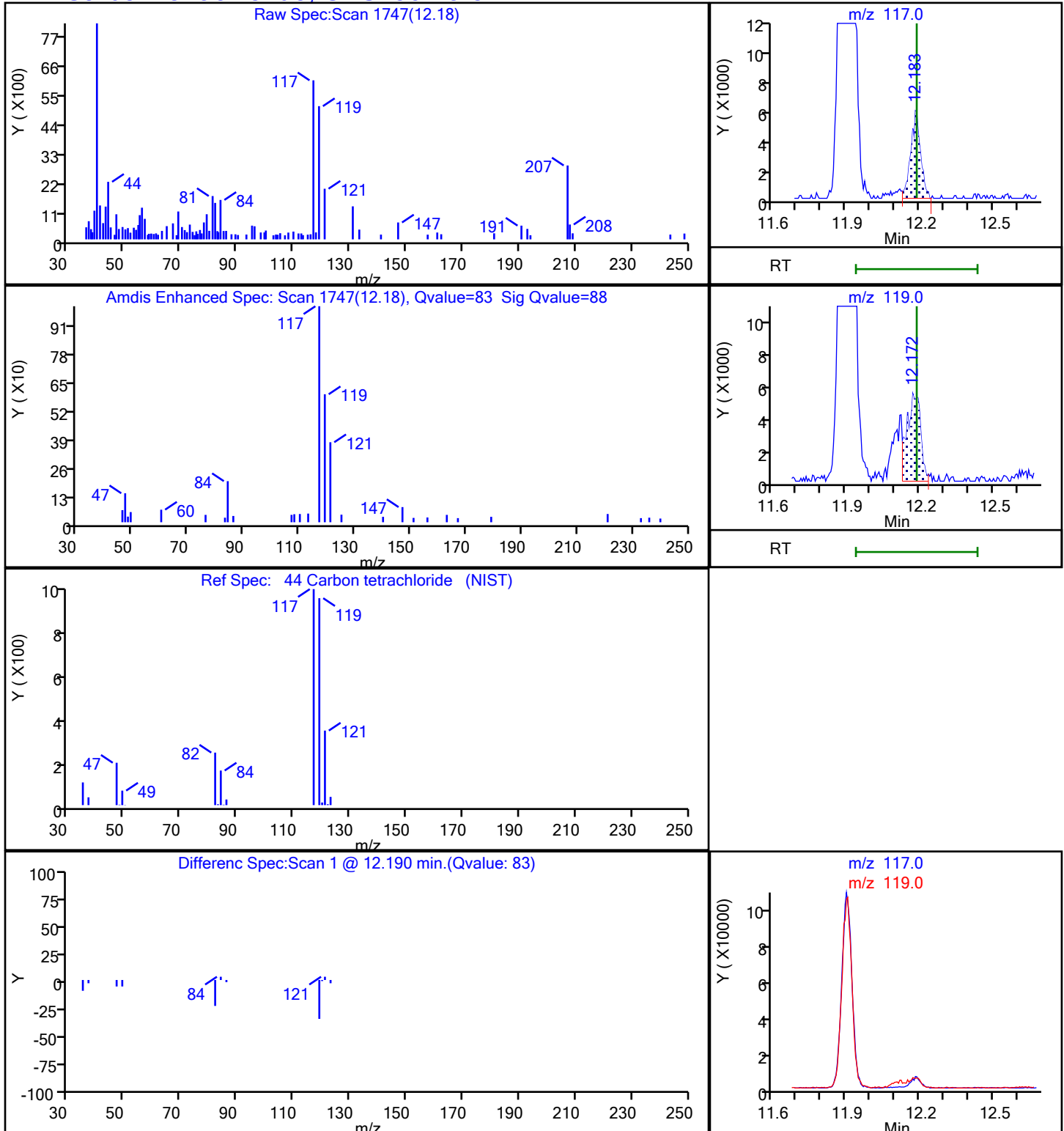
Detector: MS SCAN

## 43 Cyclohexane, CAS: 110-82-7



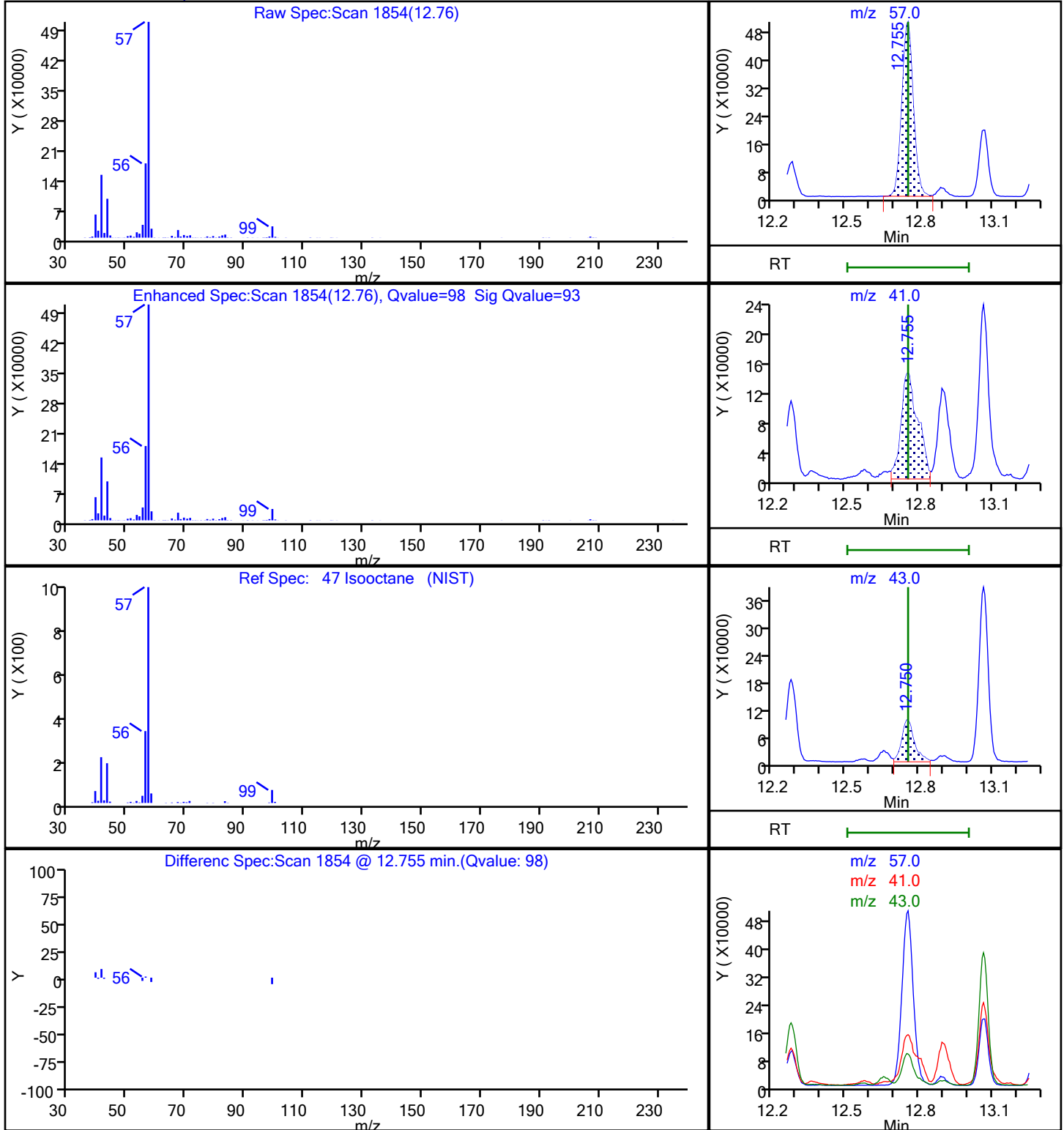
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Client ID: SG-201  
Operator ID: ggg ALS Bottle#: 16 Worklist Smp#: 17  
Purge Vol: 200.000 mL Dil. Factor: 1.0000  
Method: TO15\_TO3\_MasterMethod\_W Limit Group: AI\_TO15\_ICAL  
Column: RTX-624 ( 0.32 mm) Detector MS SCAN

**44 Carbon tetrachloride, CAS: 56-23-5**

## Eurofins TestAmerica, Burlington

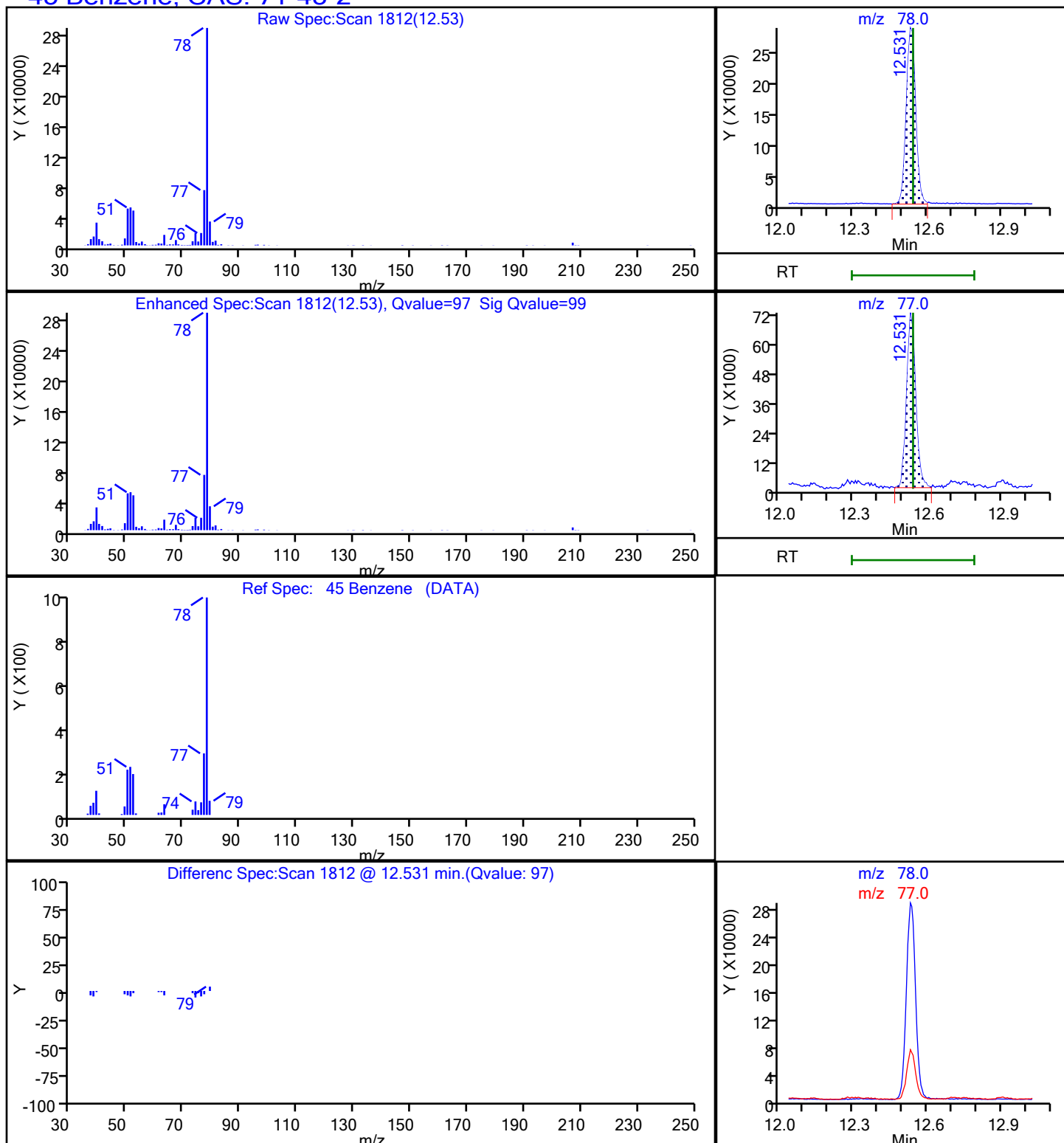
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Injection Date: 18-Dec-2020 23:04:30 Instrument ID: CHW.i  
Lims ID: 200-56451-A-1 Lab Sample ID: 200-56451-1  
Client ID: SG-201  
Operator ID: ggg ALS Bottle#: 16 Worklist Smp#: 17  
Purge Vol: 200.000 mL Dil. Factor: 1.0000  
Method: TO15\_TO3\_MasterMethod\_W Limit Group: AI\_TO15\_ICAL  
Column: RTX-624 ( 0.32 mm) Detector MS SCAN

**47 Isooctane, CAS: 540-84-1**

## Eurofins TestAmerica, Burlington

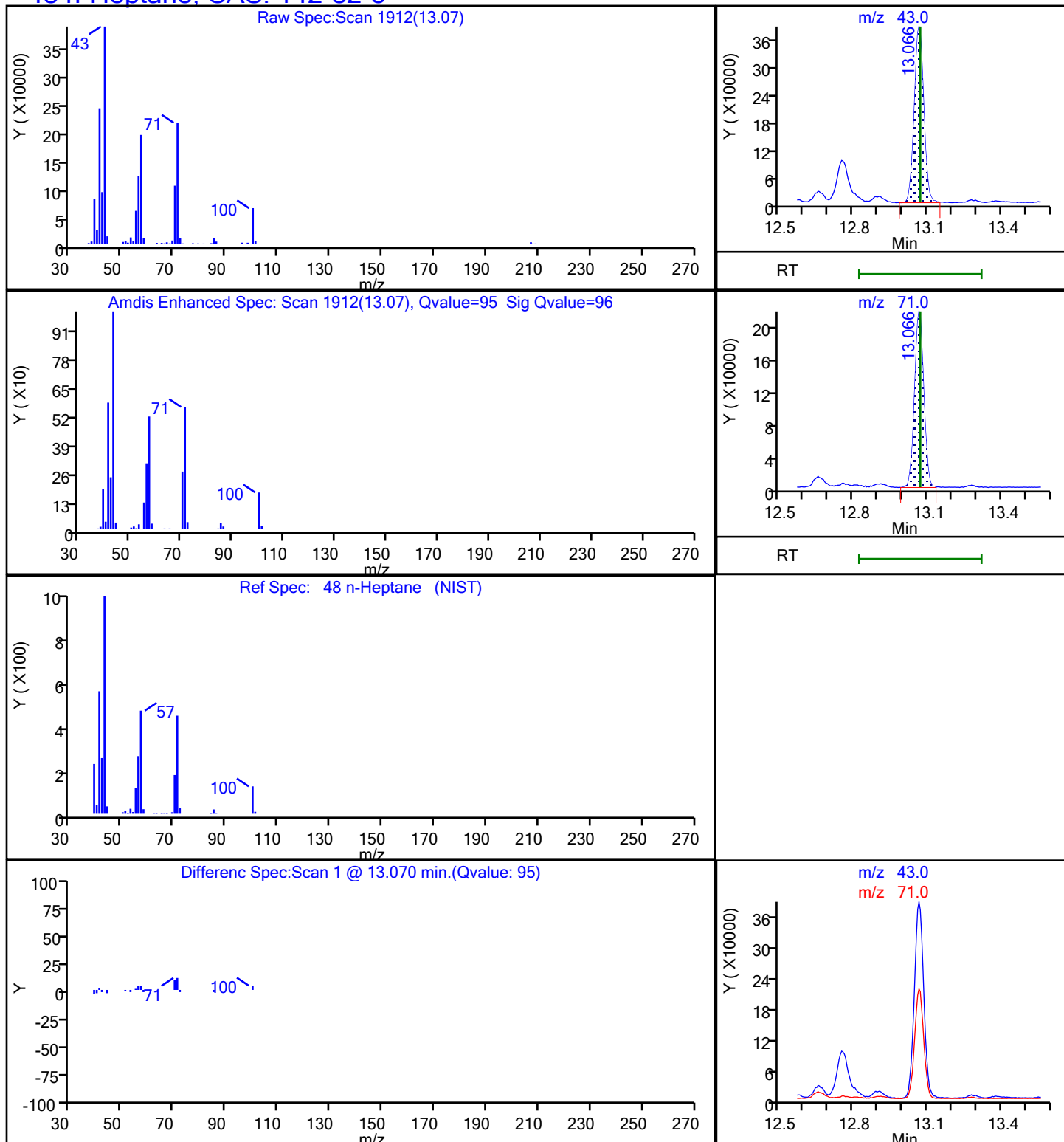
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Injection Date: 18-Dec-2020 23:04:30 Instrument ID: CHW.i  
Lims ID: 200-56451-A-1 Lab Sample ID: 200-56451-1  
Client ID: SG-201  
Operator ID: ggg ALS Bottle#: 16 Worklist Smp#: 17  
Purge Vol: 200.000 mL Dil. Factor: 1.0000  
Method: TO15\_TO3\_MasterMethod\_W Limit Group: AI\_TO15\_ICAL  
Column: RTX-624 ( 0.32 mm) Detector: MS SCAN

## 45 Benzene, CAS: 71-43-2



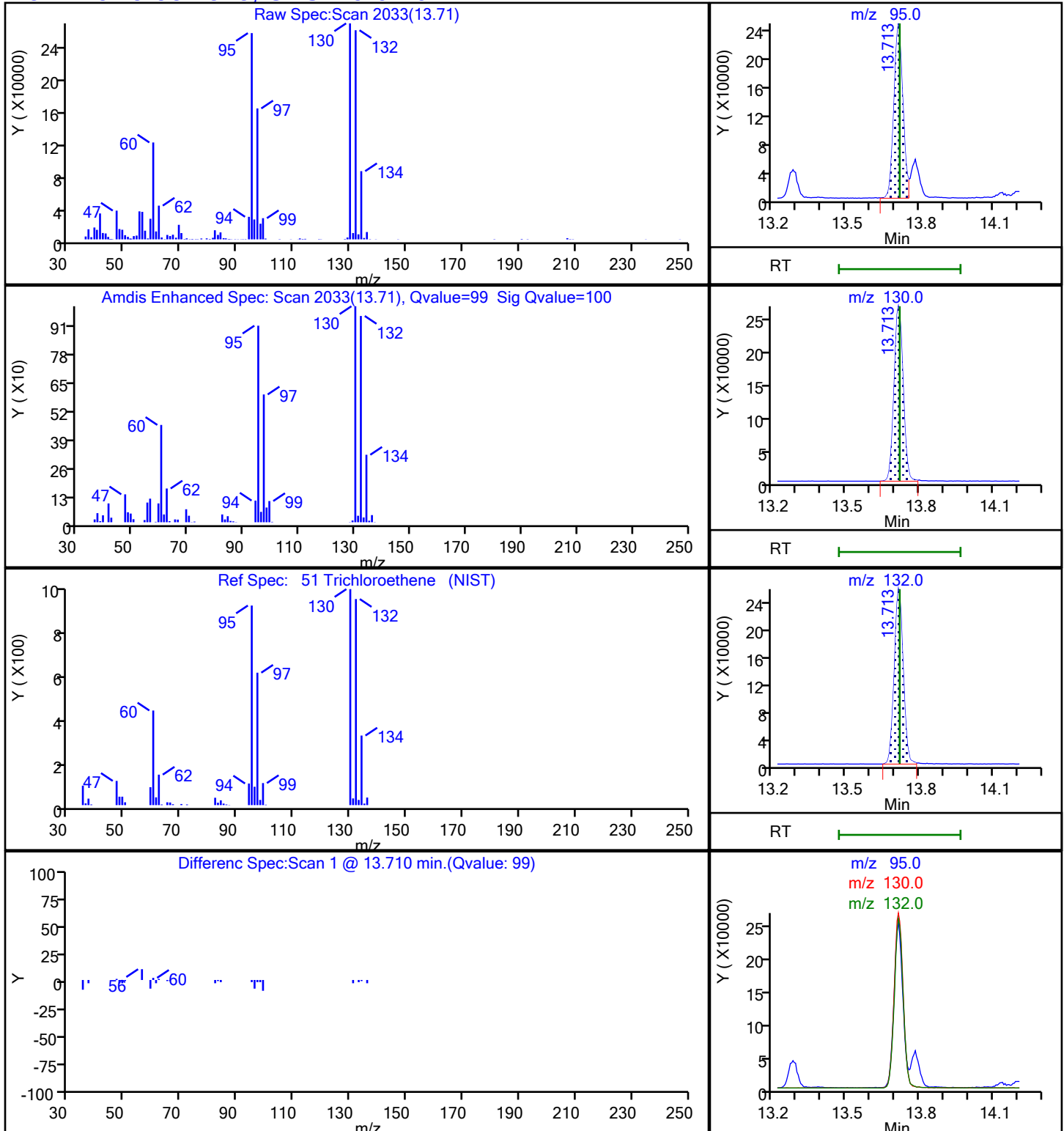
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Lims ID: 200-56451-A-1 Lab Sample ID: 200-56451-1  
Client ID: SG-201  
Operator ID: ggg ALS Bottle#: 16 Worklist Smp#: 17  
Purge Vol: 200.000 mL Dil. Factor: 1.0000  
Method: TO15\_TO3\_MasterMethod\_W Limit Group: AI\_TO15\_ICAL  
Column: RTX-624 ( 0.32 mm) Detector MS SCAN

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

## Eurofins TestAmerica, Burlington

Data File: \\chromfs\Burlington\ChromData\CHW.i\20201218-44134.b\44134-017.d  
Injection Date: 18-Dec-2020 23:04:30 Instrument ID: CHW.i  
Lims ID: 200-56451-A-1 Lab Sample ID: 200-56451-1  
Client ID: SG-201  
Operator ID: ggg ALS Bottle#: 16 Worklist Smp#: 17  
Purge Vol: 200.000 mL Dil. Factor: 1.0000  
Method: TO15\_TO3\_MasterMethod\_W Limit Group: AI\_TO15\_ICAL  
Column: RTX-624 ( 0.32 mm) Detector MS SCAN

**51 Trichloroethene, CAS: 79-01-6**

Eurofins TestAmerica, Burlington

Data File: \\chromfs\Burlington\ChromData\CHW.i\20201218-44134.b\44134-017.d

Injection Date: 18-Dec-2020 23:04:30

Instrument ID: CHW.i

Lims ID: 200-56451-A-1

Lab Sample ID: 200-56451-1

Client ID: SG-201

Operator ID: ggg

ALS Bottle#: 16

Worklist Smp#: 17

Purge Vol: 200.000 mL

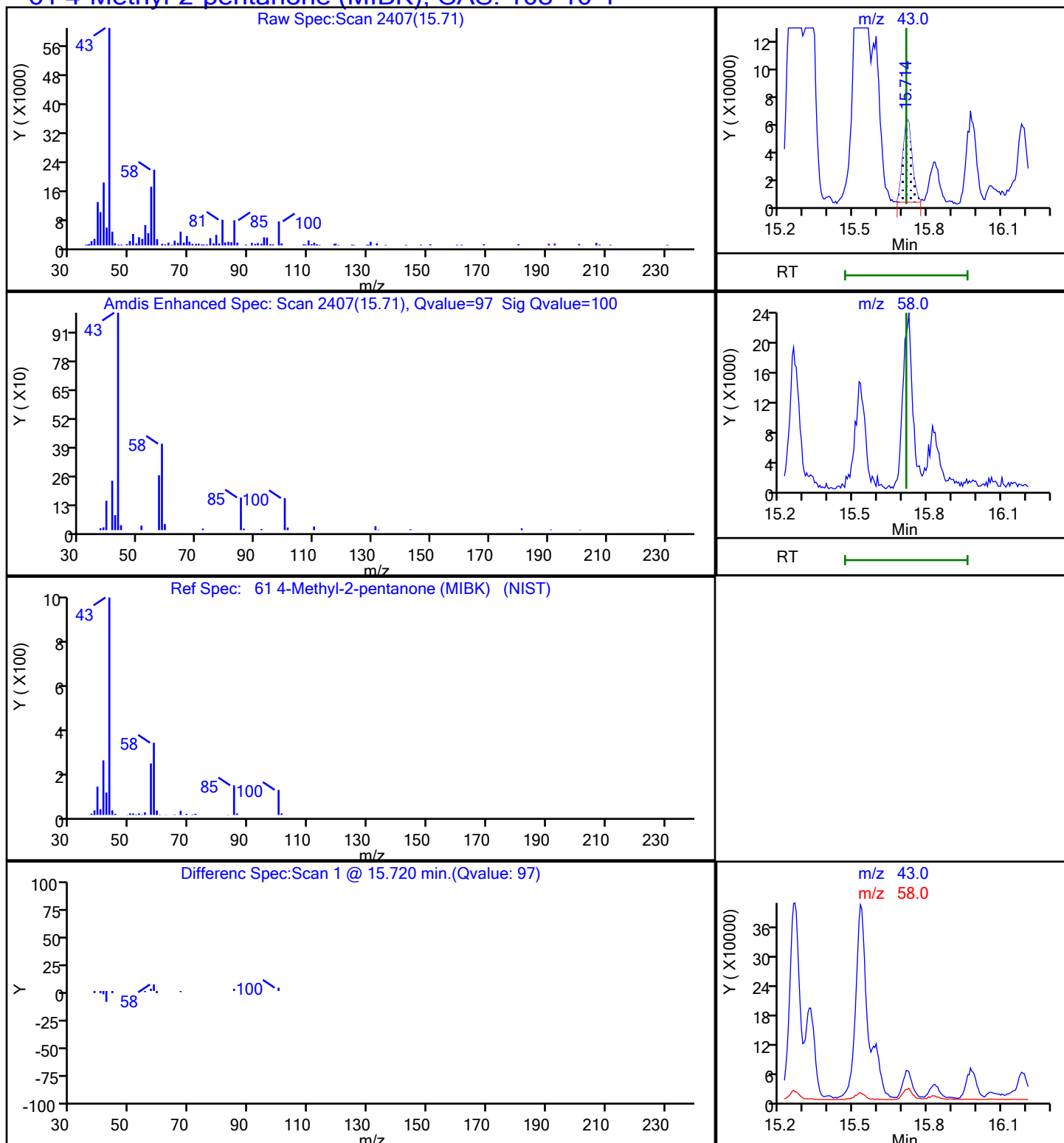
Dil. Factor: 1.0000

Method: TO15\_TO3\_MasterMethod\_W

Limit Group: AI\_TO15\_ICAL

Column: RTX-624 ( 0.32 mm)

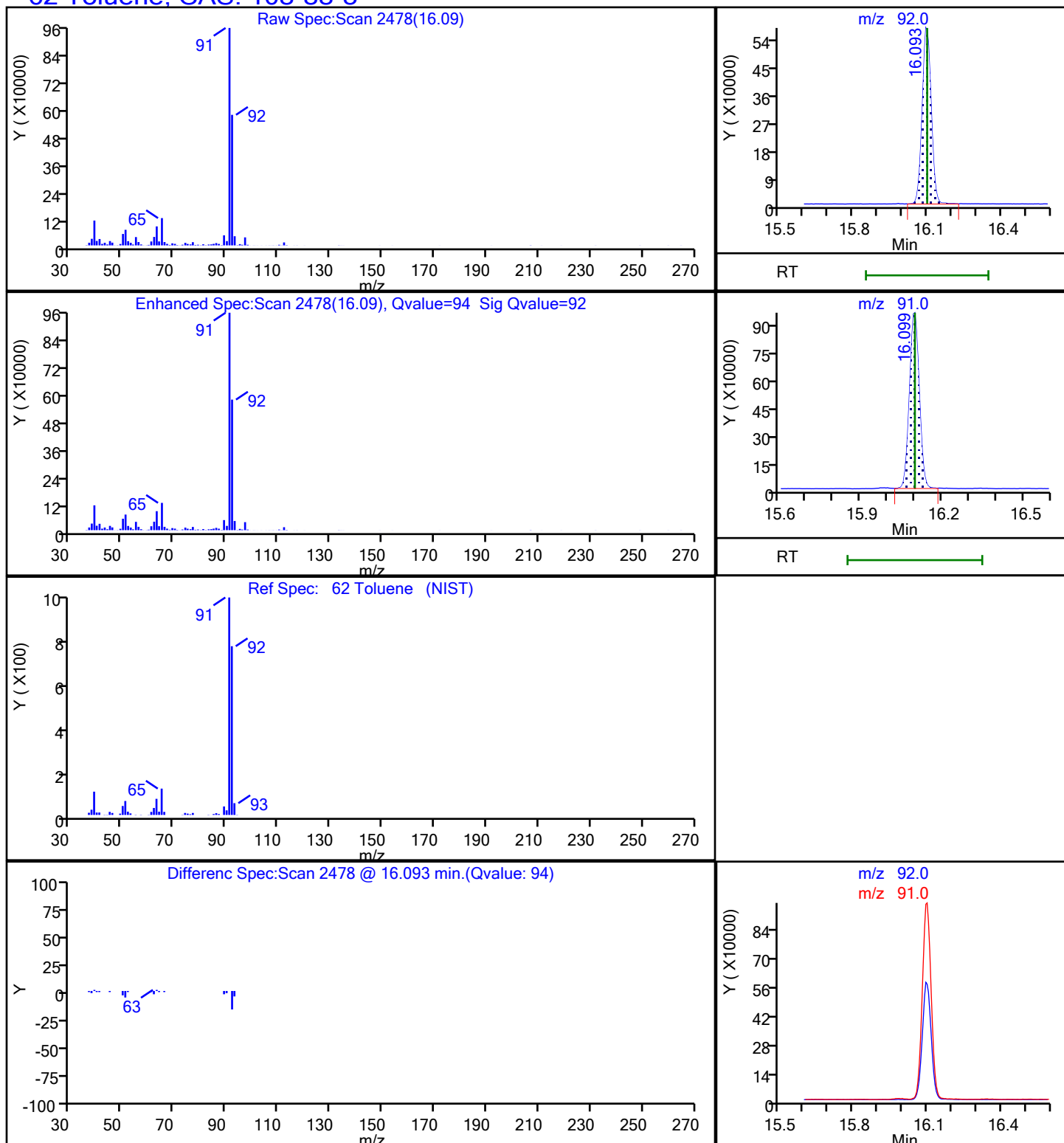
Detector: MS SCAN

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



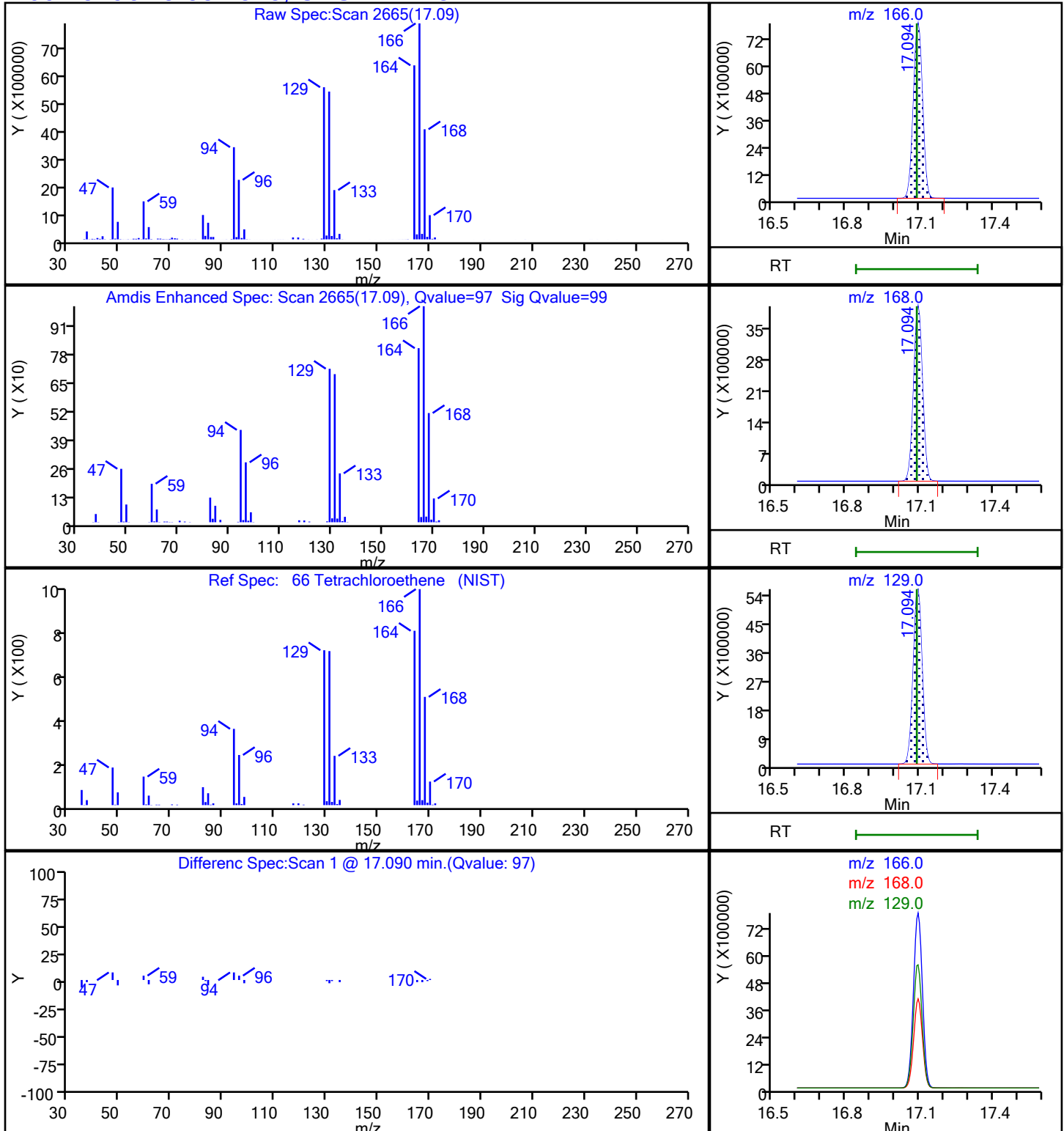
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Lims ID: 200-56451-A-1 Lab Sample ID: 200-56451-1  
Client ID: SG-201  
Operator ID: ggg ALS Bottle#: 16 Worklist Smp#: 17  
Purge Vol: 200.000 mL Dil. Factor: 1.0000  
Method: TO15\_TO3\_MasterMethod\_W Limit Group: AI\_TO15\_ICAL  
Column: RTX-624 ( 0.32 mm) Detector MS SCAN

**62 Toluene, CAS: 108-88-3**

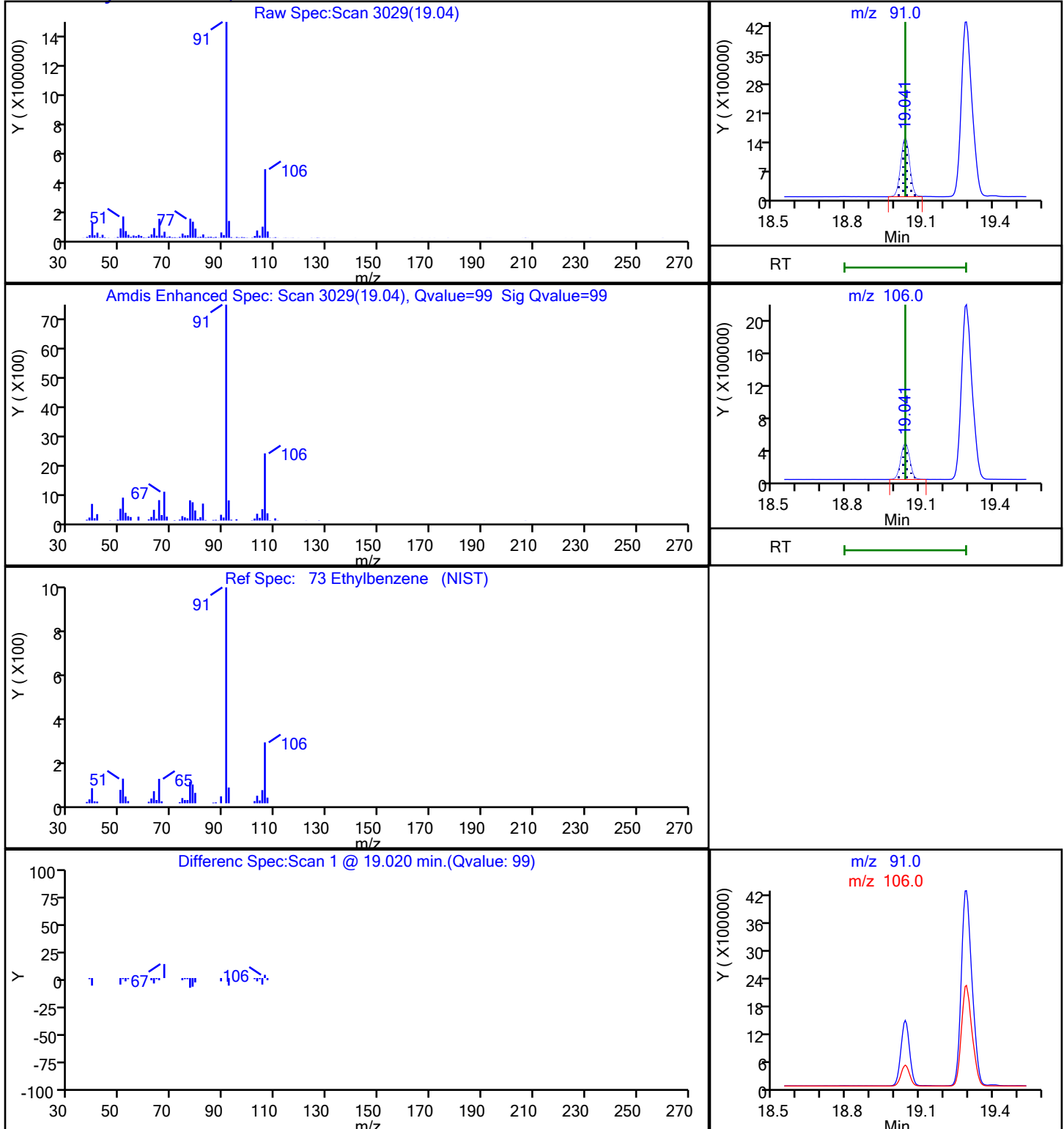
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Lims ID: 200-56451-A-1 Lab Sample ID: 200-56451-1  
Client ID: SG-201  
Operator ID: ggg ALS Bottle#: 16 Worklist Smp#: 17  
Purge Vol: 200.000 mL Dil. Factor: 1.0000  
Method: TO15\_TO3\_MasterMethod\_W Limit Group: AI\_TO15\_ICAL  
Column: RTX-624 ( 0.32 mm) Detector: MS SCAN

**66 Tetrachloroethene, CAS: 127-18-4**

## Eurofins TestAmerica, Burlington

Data File: \\chromfs\Burlington\ChromData\CHW.i\20201218-44134.b\44134-017.d  
Injection Date: 18-Dec-2020 23:04:30 Instrument ID: CHW.i  
Lims ID: 200-56451-A-1 Lab Sample ID: 200-56451-1  
Client ID: SG-201  
Operator ID: ggg ALS Bottle#: 16 Worklist Smp#: 17  
Purge Vol: 200.000 mL Dil. Factor: 1.0000  
Method: TO15\_TO3\_MasterMethod\_W Limit Group: AI\_TO15\_ICAL  
Column: RTX-624 ( 0.32 mm) Detector: MS SCAN

**73 Ethylbenzene, CAS: 100-41-4**

Eurofins TestAmerica, Burlington

Data File: \\chromfs\Burlington\ChromData\CHW.i\20201218-44134.b\44134-017.d

Injection Date: 18-Dec-2020 23:04:30

Instrument ID: CHW.i

Lims ID: 200-56451-A-1

Lab Sample ID: 200-56451-1

Client ID: SG-201

Operator ID: ggg

ALS Bottle#: 16

Worklist Smp#: 17

Purge Vol: 200.000 mL

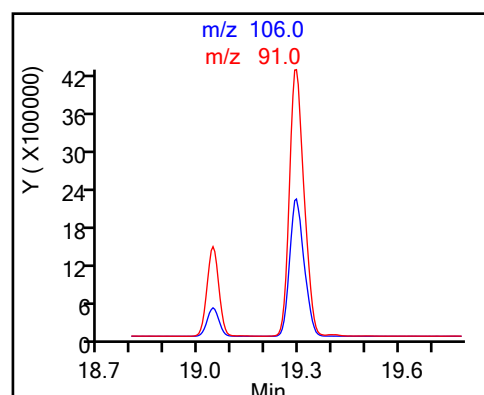
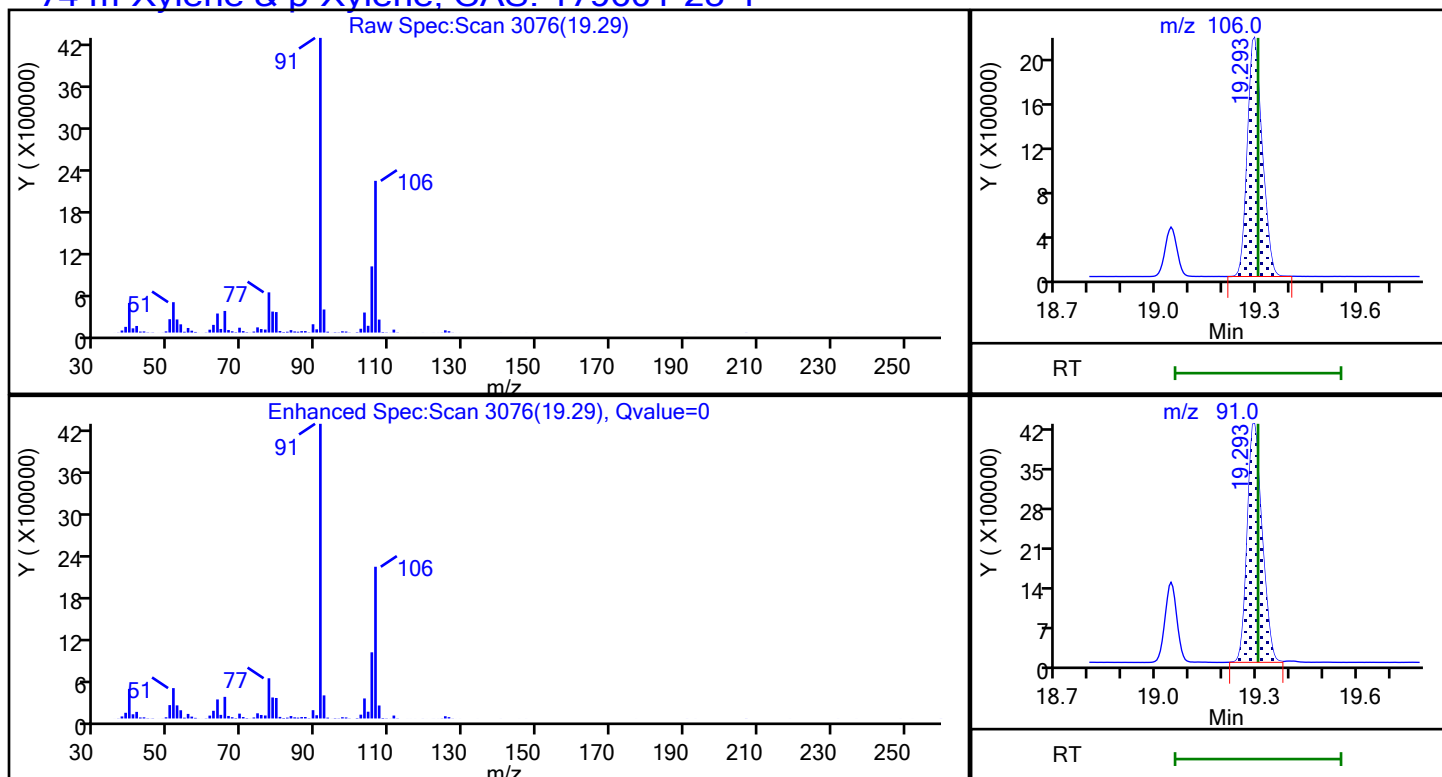
Dil. Factor: 1.0000

Method: TO15\_TO3\_MasterMethod\_W

Limit Group: AI\_TO15\_ICAL

Column: RTX-624 ( 0.32 mm)

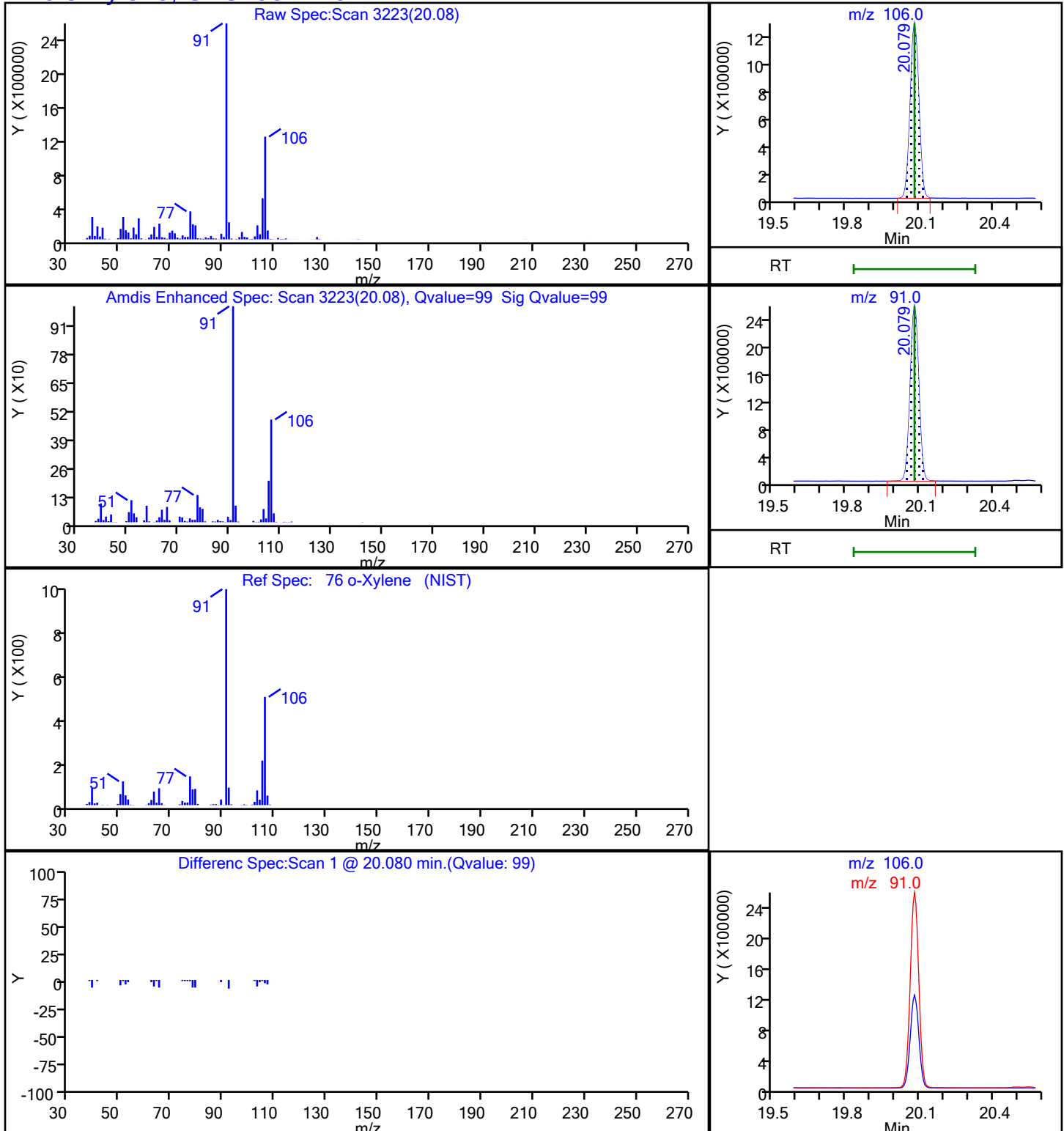
Detector: MS SCAN

**74 m-Xylene & p-Xylene, CAS: 179601-23-1**

## Eurofins TestAmerica, Burlington

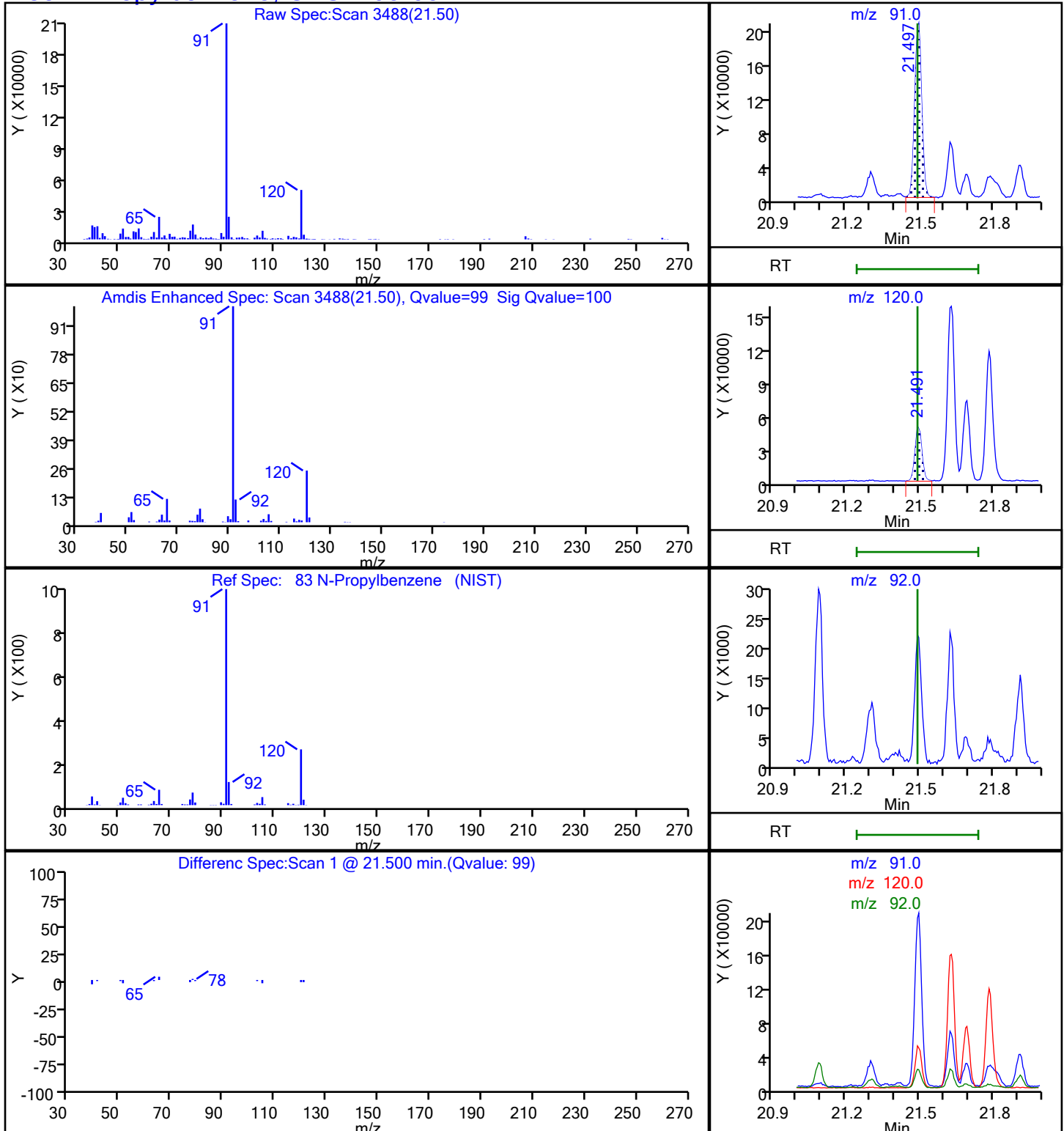
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Injection Date: 18-Dec-2020 23:04:30 Instrument ID: CHW.i  
Lims ID: 200-56451-A-1 Lab Sample ID: 200-56451-1  
Client ID: SG-201  
Operator ID: ggg ALS Bottle#: 16 Worklist Smp#: 17  
Purge Vol: 200.000 mL Dil. Factor: 1.0000  
Method: TO15\_TO3\_MasterMethod\_W Limit Group: AI\_TO15\_ICAL  
Column: RTX-624 ( 0.32 mm) Detector MS SCAN

## 76 o-Xylene, CAS: 95-47-6



## Eurofins TestAmerica, Burlington

Data File: \\chromfs\Burlington\ChromData\CHW.i\20201218-44134.b\44134-017.d  
Injection Date: 18-Dec-2020 23:04:30 Instrument ID: CHW.i  
Lims ID: 200-56451-A-1 Lab Sample ID: 200-56451-1  
Client ID: SG-201  
Operator ID: ggg ALS Bottle#: 16 Worklist Smp#: 17  
Purge Vol: 200.000 mL Dil. Factor: 1.0000  
Method: TO15\_TO3\_MasterMethod\_W Limit Group: AI\_TO15\_ICAL  
Column: RTX-624 ( 0.32 mm) Detector: MS SCAN

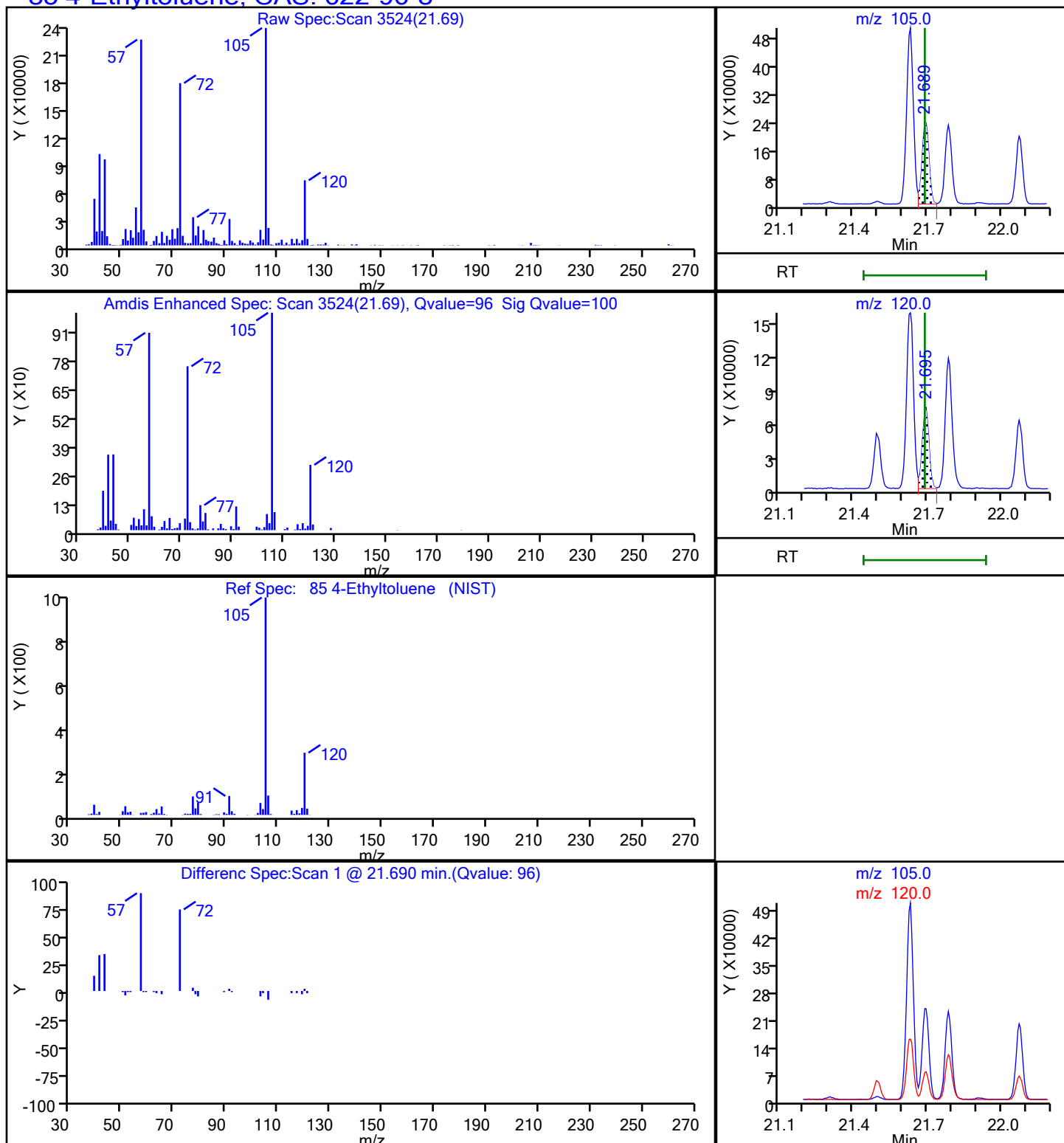
**83 N-Propylbenzene, CAS: 103-65-1**

Eurofins TestAmerica, Burlington

|                 |                                                                   |                |              |
|-----------------|-------------------------------------------------------------------|----------------|--------------|
| Data File:      | \\chromfs\Burlington\ChromData\CHW.i\20201218-44134.b\44134-017.d |                |              |
| Injection Date: | 18-Dec-2020 23:04:30                                              | Instrument ID: | CHW.i        |
| Lims ID:        | 200-56451-A-1                                                     | Lab Sample ID: | 200-56451-1  |
| Client ID:      | SG-201                                                            |                |              |
| Operator ID:    | ggg                                                               | ALS Bottle#:   | 16           |
| Purge Vol:      | 200.000 mL                                                        | Dil. Factor:   | 1.0000       |
| Method:         | TO15_TO3_MasterMethod_W                                           | Limit Group:   | AI_TO15_ICAL |
| Column:         | RTX-624 ( 0.32 mm)                                                | Detector       | MS SCAN      |

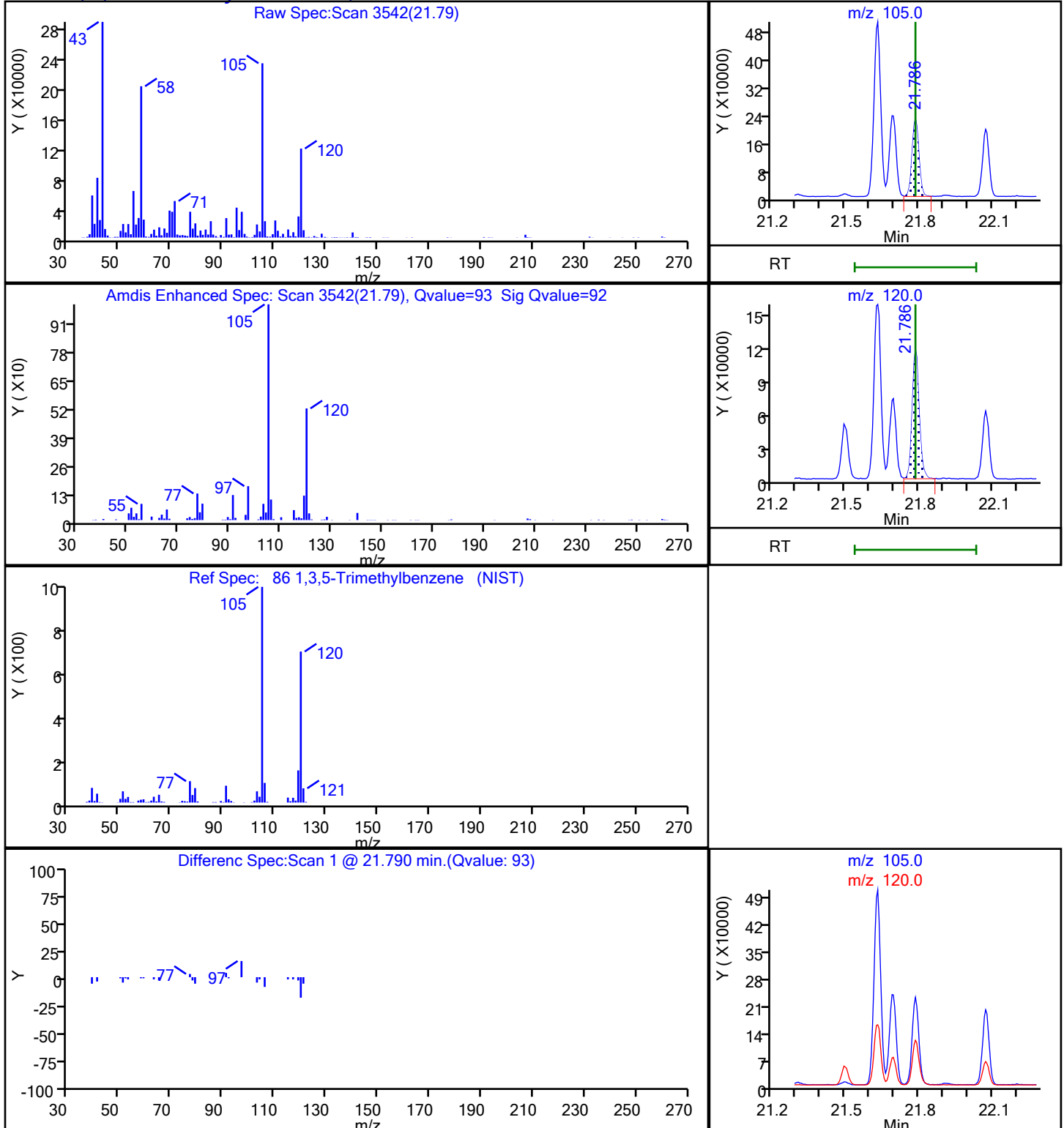
ALS Bottle#: 16 Worklist Smp#: 17  
Dil. Factor: 1.0000  
Limit Group: AI\_TO15\_ICAL  
Detector: MS SCAN

85 4-Ethyltoluene, CAS: 622-96-8



Eurofins TestAmerica, Burlington

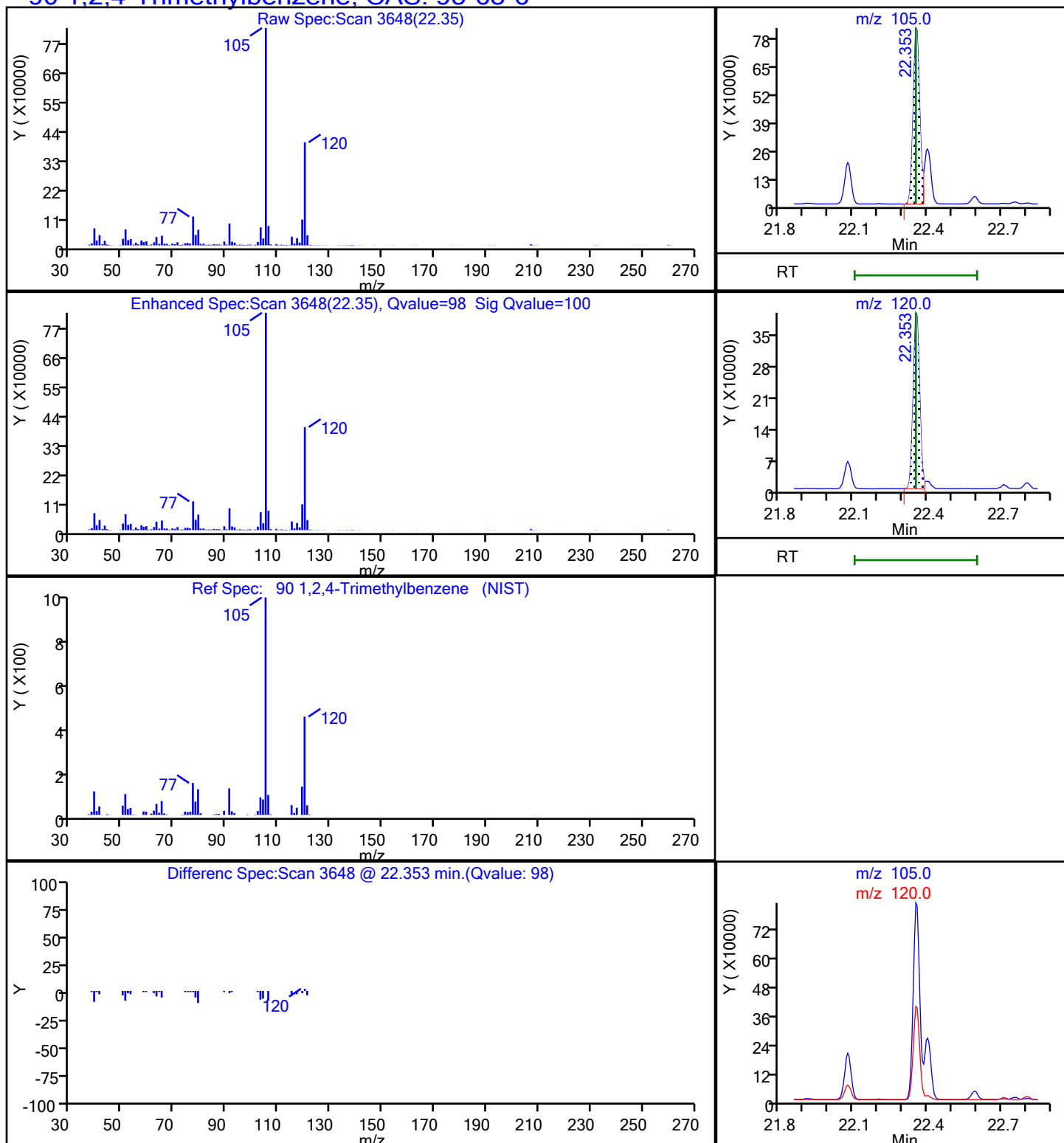
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Injection Date: 18-Dec-2020 23:04:30 Instrument ID: CHW.i  
Lims ID: 200-56451-A-1 Lab Sample ID: 200-56451-1  
Client ID: SG-201  
Operator ID: ggg ALS Bottle#: 16 Worklist Smp#: 17  
Purge Vol: 200.000 mL Dil. Factor: 1.0000  
Method: TO15\_TO3\_MasterMethod\_W Limit Group: AI\_TO15\_ICAL  
Column: RTX-624 ( 0.32 mm) Detector: MS SCAN

**86 1,3,5-Trimethylbenzene, CAS: 108-67-8**



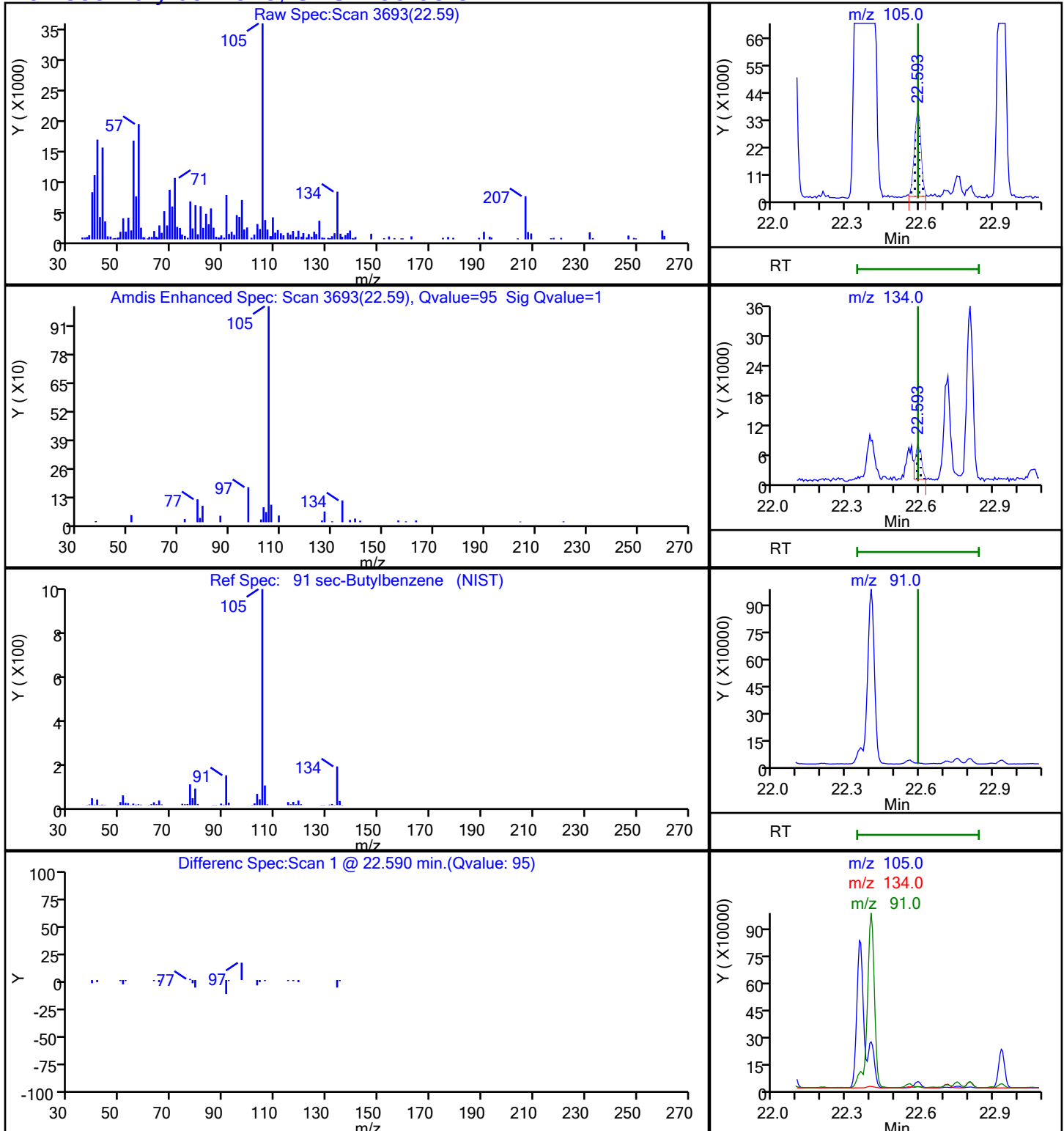
## Eurofins TestAmerica, Burlington

Data File: \\chromfs\Burlington\ChromData\CHW.i\20201218-44134.b\44134-017.d  
Injection Date: 18-Dec-2020 23:04:30 Instrument ID: CHW.i  
Lims ID: 200-56451-A-1 Lab Sample ID: 200-56451-1  
Client ID: SG-201  
Operator ID: ggg ALS Bottle#: 16 Worklist Smp#: 17  
Purge Vol: 200.000 mL Dil. Factor: 1.0000  
Method: TO15\_TO3\_MasterMethod\_W Limit Group: AI\_TO15\_ICAL  
Column: RTX-624 ( 0.32 mm) Detector: MS SCAN

**90 1,2,4-Trimethylbenzene, CAS: 95-63-6**

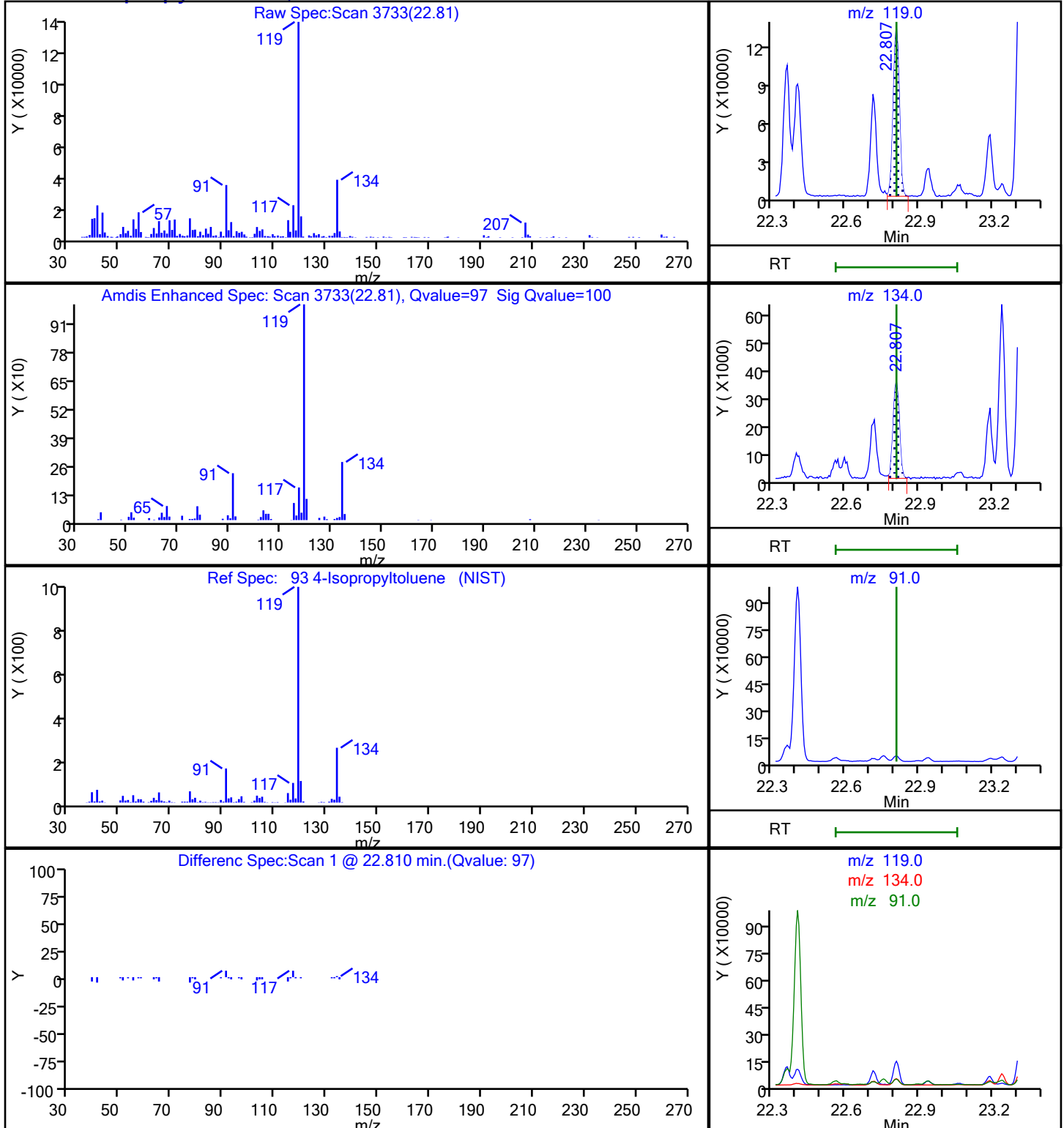
## Eurofins TestAmerica, Burlington

Data File: \\chromfs\Burlington\ChromData\CHW.i\20201218-44134.b\44134-017.d  
Injection Date: 18-Dec-2020 23:04:30 Instrument ID: CHW.i  
Lims ID: 200-56451-A-1 Lab Sample ID: 200-56451-1  
Client ID: SG-201  
Operator ID: ggg ALS Bottle#: 16 Worklist Smp#: 17  
Purge Vol: 200.000 mL Dil. Factor: 1.0000  
Method: TO15\_TO3\_MasterMethod\_W Limit Group: AI\_TO15\_ICAL  
Column: RTX-624 ( 0.32 mm) Detector: MS SCAN

**91 sec-Butylbenzene, CAS: 135-98-8**

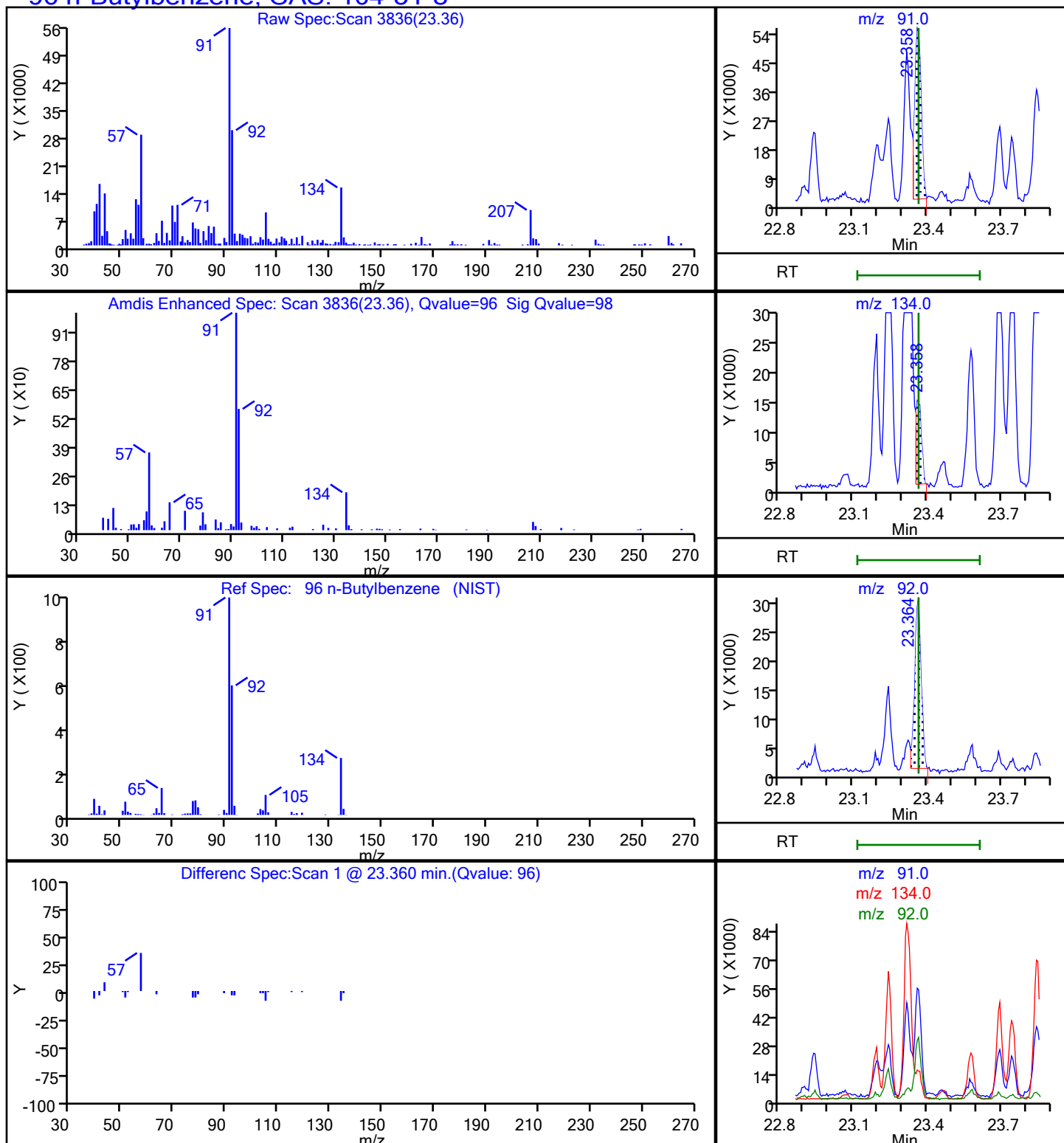
Eurofins TestAmerica, Burlington

Data File: \\chromfs\Burlington\ChromData\CHW.i\20201218-44134.b\44134-017.d  
Injection Date: 18-Dec-2020 23:04:30 Instrument ID: CHW.i  
Lims ID: 200-56451-A-1 Lab Sample ID: 200-56451-1  
Client ID: SG-201  
Operator ID: ggg ALS Bottle#: 16 Worklist Smp#: 17  
Purge Vol: 200.000 mL Dil. Factor: 1.0000  
Method: TO15\_TO3\_MasterMethod\_W Limit Group: AI\_TO15\_ICAL  
Column: RTX-624 ( 0.32 mm) Detector MS SCAN

**93 4-Isopropyltoluene, CAS: 99-87-6**

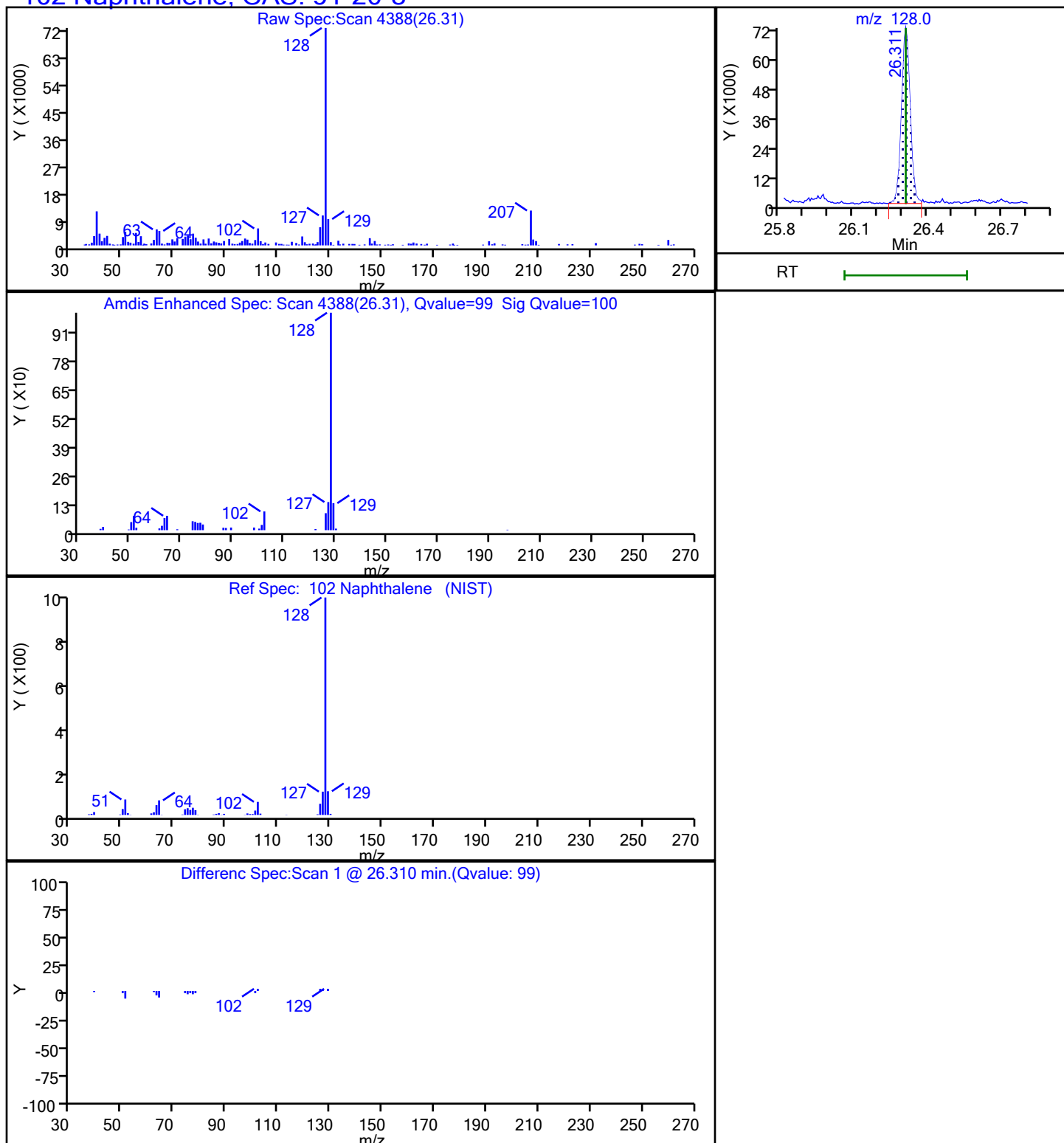
## Eurofins TestAmerica, Burlington

Data File: \\chromfs\Burlington\ChromData\CHW.i\20201218-44134.b\44134-017.d  
Injection Date: 18-Dec-2020 23:04:30 Instrument ID: CHW.i  
Lims ID: 200-56451-A-1 Lab Sample ID: 200-56451-1  
Client ID: SG-201  
Operator ID: ggg ALS Bottle#: 16 Worklist Smp#: 17  
Purge Vol: 200.000 mL Dil. Factor: 1.0000  
Method: TO15\_TO3\_MasterMethod\_W Limit Group: AI\_TO15\_ICAL  
Column: RTX-624 ( 0.32 mm) Detector: MS SCAN

**96 n-Butylbenzene, CAS: 104-51-8**

## Eurofins TestAmerica, Burlington

Data File: \\chromfs\Burlington\ChromData\CHW.i\20201218-44134.b\44134-017.d  
Injection Date: 18-Dec-2020 23:04:30 Instrument ID: CHW.i  
Lims ID: 200-56451-A-1 Lab Sample ID: 200-56451-1  
Client ID: SG-201  
Operator ID: ggg ALS Bottle#: 16 Worklist Smp#: 17  
Purge Vol: 200.000 mL Dil. Factor: 1.0000  
Method: TO15\_TO3\_MasterMethod\_W Limit Group: AI\_TO15\_ICAL  
Column: RTX-624 ( 0.32 mm) Detector MS SCAN

**102 Naphthalene, CAS: 91-20-3**

## Eurofins TestAmerica, Burlington

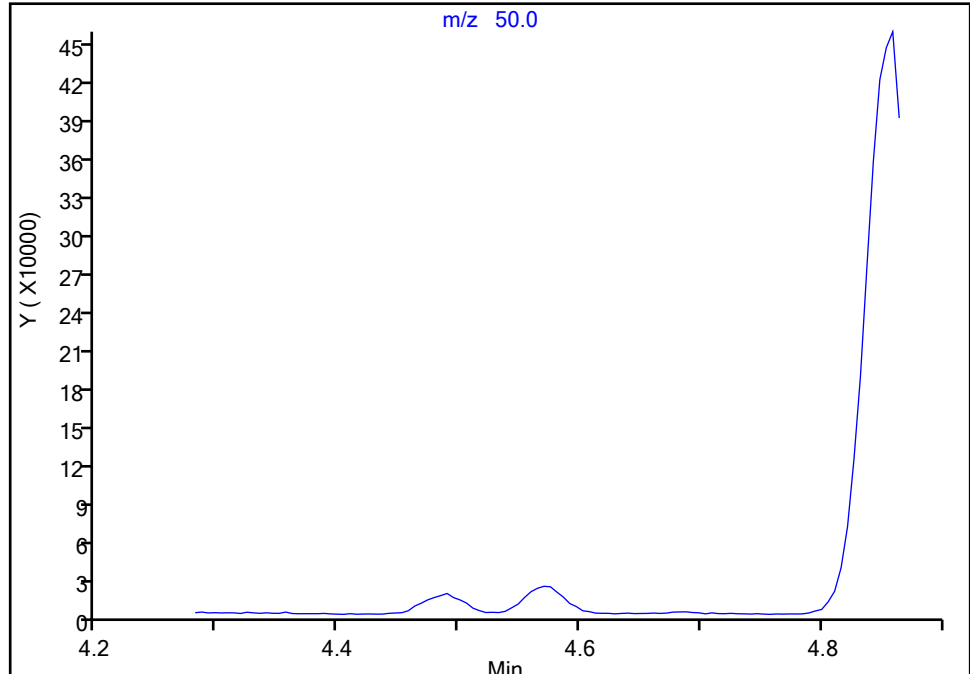
Data File: \\chromfs\Burlington\ChromData\CHW.i\20201218-44134.b\44134-017.d  
Injection Date: 18-Dec-2020 23:04:30 Instrument ID: CHW.i  
Lims ID: 200-56451-A-1 Lab Sample ID: 200-56451-1  
Client ID: SG-201  
Operator ID: ggg ALS Bottle#: 16 Worklist Smp#: 17  
Purge Vol: 200.000 mL Dil. Factor: 1.0000  
Method: TO15\_TO3\_MasterMethod\_W Limit Group: AI\_TO15\_ICAL  
Column: RTX-624 ( 0.32 mm) Detector: MS SCAN

**5 Chloromethane, CAS: 74-87-3**

Signal: 1

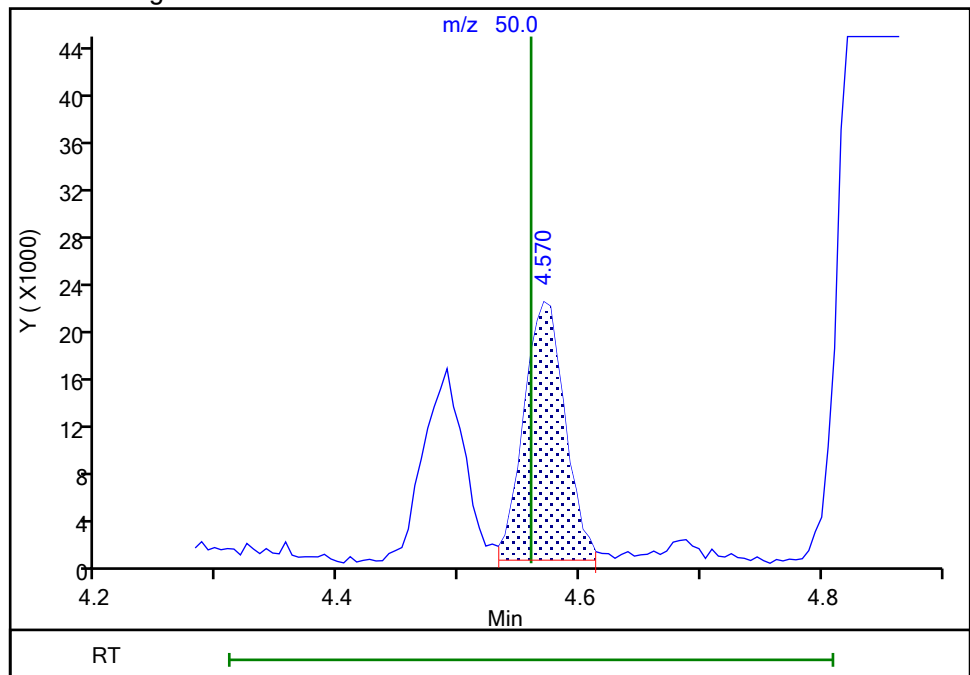
Not Detected  
Expected RT: 4.56

## Processing Integration Results



RT: 4.57  
Area: 50661  
Amount: 0.425482  
Amount Units: ppb v/v

## Manual Integration Results



Reviewer: bunmaa, 21-Dec-2020 12:28:08  
Audit Action: Manually Integrated

Audit Reason: Assign Peak

## Eurofins TestAmerica, Burlington

Data File: \\chromfs\Burlington\ChromData\CHW.i\20201218-44134.b\44134-017.d

Injection Date: 18-Dec-2020 23:04:30

Instrument ID: CHW.i

Lims ID: 200-56451-A-1

Lab Sample ID: 200-56451-1

Client ID: SG-201

Operator ID: ggg

ALS Bottle#: 16

Worklist Smp#: 17

Purge Vol: 200.000 mL

Dil. Factor: 1.0000

Method: TO15\_TO3\_MasterMethod\_W

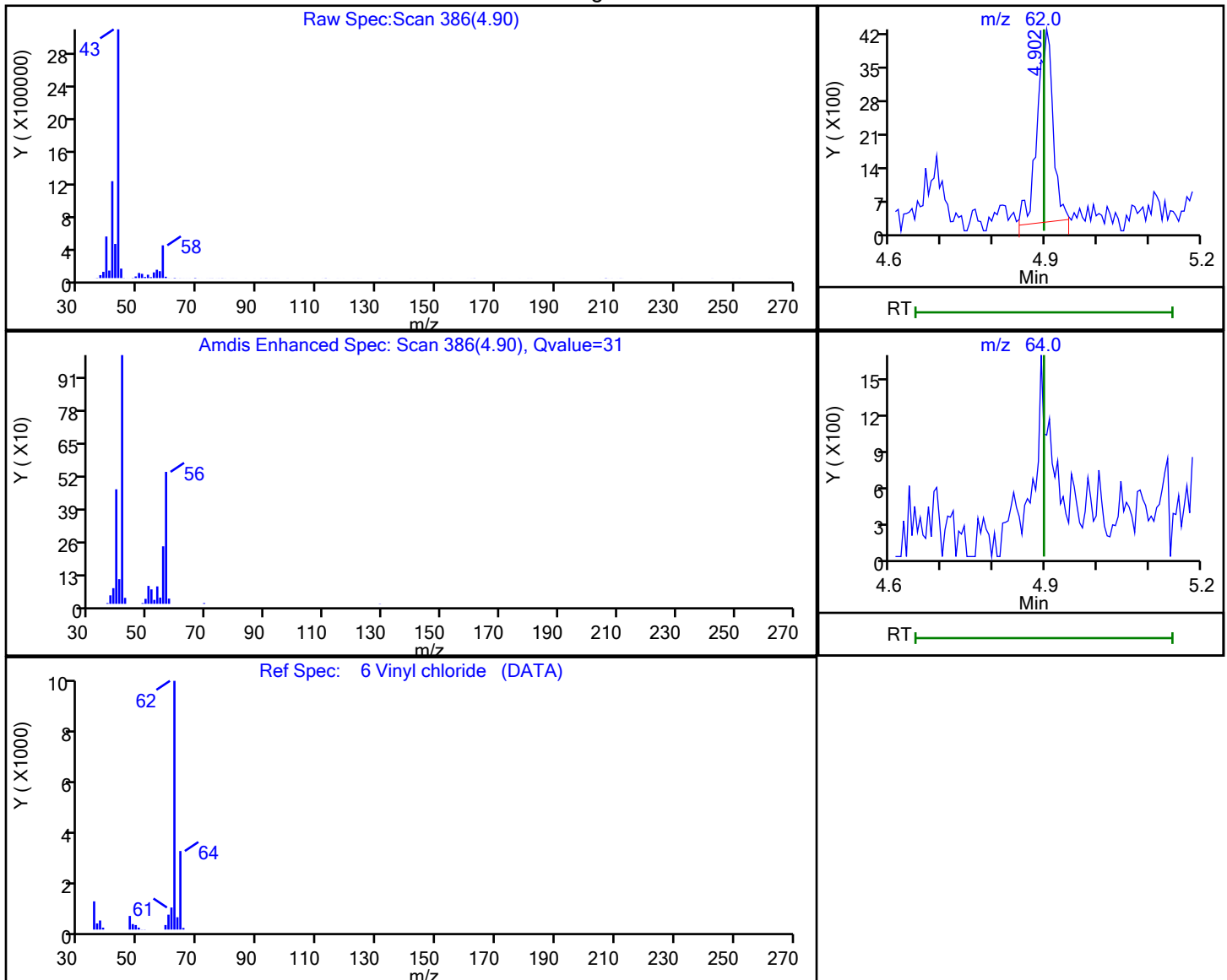
Limit Group: AI\_TO15\_ICAL

Column: RTX-624 ( 0.32 mm)

Detector: MS SCAN

## 6 Vinyl chloride, CAS: 75-01-4

## Processing Results



| RT   | Mass  | Response | Amount   |
|------|-------|----------|----------|
| 4.90 | 62.00 | 8713     | 0.059550 |
| 4.90 | 64.00 | 0        |          |

Reviewer: bunmaa, 21-Dec-2020 12:28:22

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

## Eurofins TestAmerica, Burlington

Data File: \\chromfs\Burlington\ChromData\CHW.i\20201218-44134.b\44134-017.d

Injection Date: 18-Dec-2020 23:04:30

Instrument ID: CHW.i

Lims ID: 200-56451-A-1

Lab Sample ID: 200-56451-1

Client ID: SG-201

Operator ID: ggg

ALS Bottle#: 16

Worklist Smp#: 17

Purge Vol: 200.000 mL

Dil. Factor: 1.0000

Method: TO15\_TO3\_MasterMethod\_W

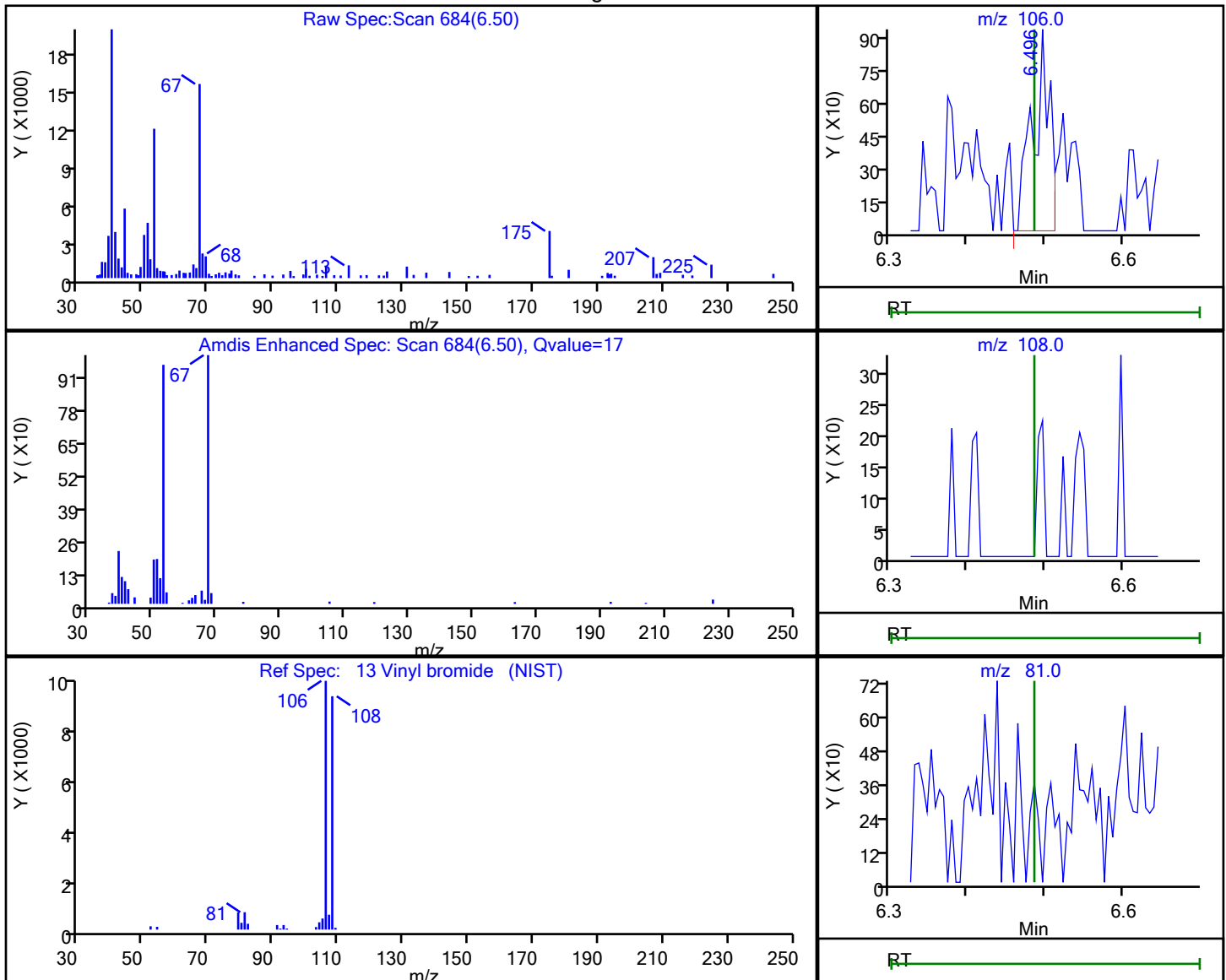
Limit Group: AI\_TO15\_ICAL

Column: RTX-624 ( 0.32 mm)

Detector: MS SCAN

## 13 Vinyl bromide, CAS: 593-60-2

## Processing Results



| RT   | Mass   | Response | Amount   |
|------|--------|----------|----------|
| 6.50 | 106.00 | 1420     | 0.014001 |
| 6.49 | 108.00 | 0        |          |
| 6.49 | 81.00  | 0        |          |

Reviewer: bunmaa, 21-Dec-2020 12:28:49

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

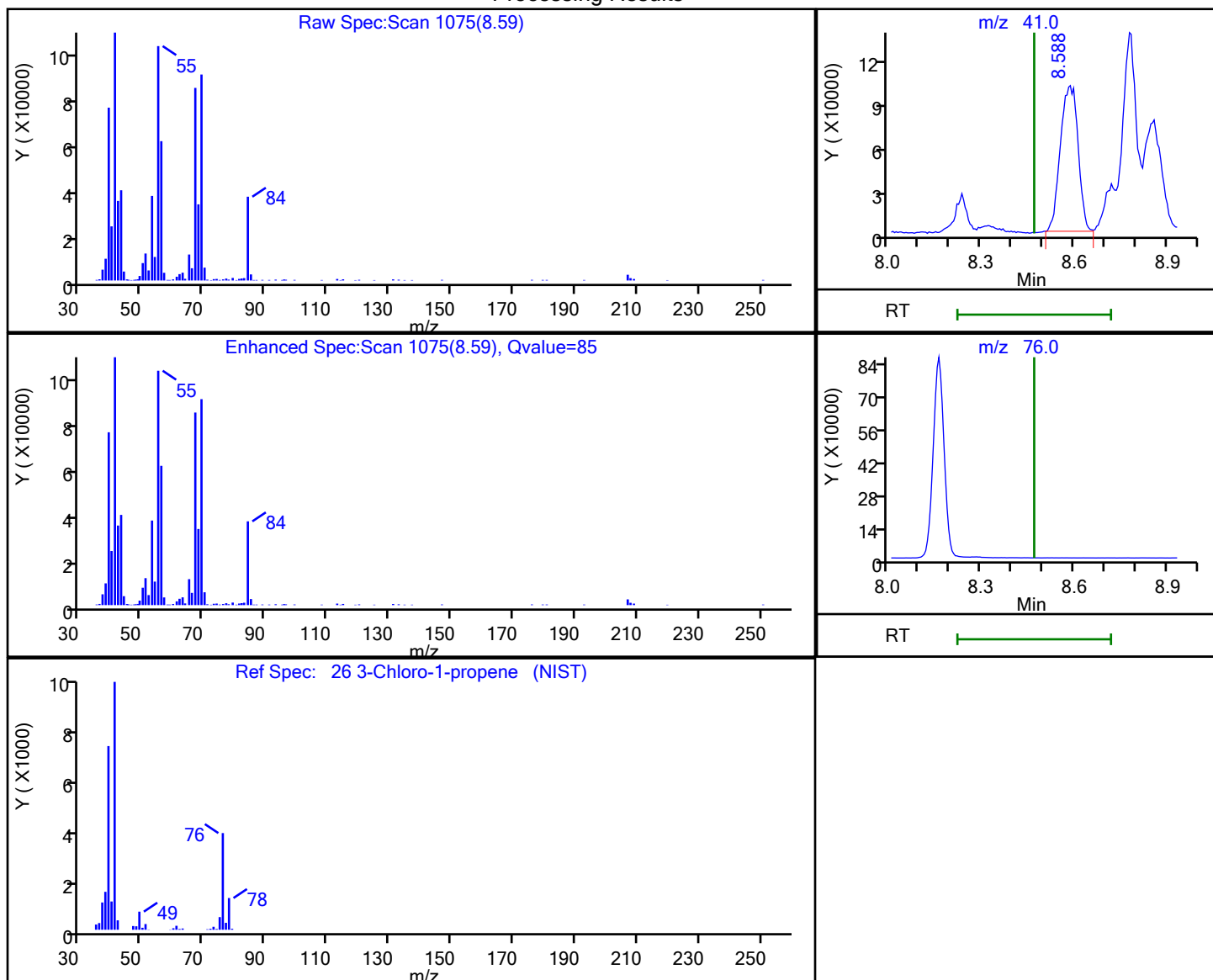


## Eurofins TestAmerica, Burlington

Data File: \\chromfs\Burlington\ChromData\CHW.i\20201218-44134.b\44134-017.d  
Injection Date: 18-Dec-2020 23:04:30 Instrument ID: CHW.i  
Lims ID: 200-56451-A-1 Lab Sample ID: 200-56451-1  
Client ID: SG-201  
Operator ID: ggg ALS Bottle#: 16 Worklist Smp#: 17  
Purge Vol: 200.000 mL Dil. Factor: 1.0000  
Method: TO15\_TO3\_MasterMethod\_W Limit Group: AI\_TO15\_ICAL  
Column: RTX-624 ( 0.32 mm) Detector: MS SCAN

## 26 3-Chloro-1-propene, CAS: 107-05-1

## Processing Results



| RT   | Mass  | Response | Amount   |
|------|-------|----------|----------|
| 8.59 | 41.00 | 399026   | 3.192738 |
| 8.47 | 76.00 | 0        |          |

Reviewer: bunmaa, 21-Dec-2020 12:29:10

Audit Action: Marked Compound Undetected

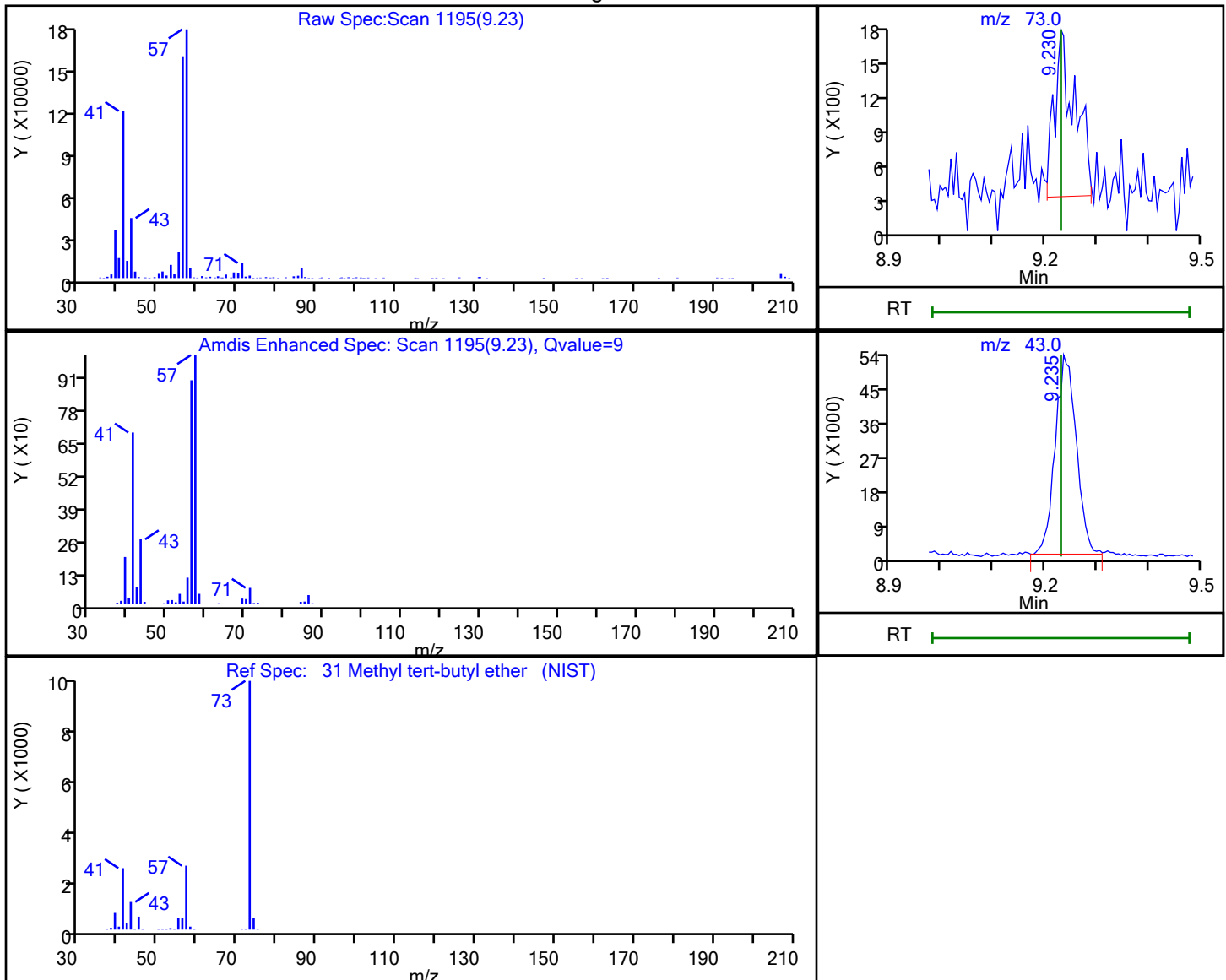
Audit Reason: Invalid Compound ID

## Eurofins TestAmerica, Burlington

Data File: \\chromfs\Burlington\ChromData\CHW.i\20201218-44134.b\44134-017.d  
Injection Date: 18-Dec-2020 23:04:30 Instrument ID: CHW.i  
Lims ID: 200-56451-A-1 Lab Sample ID: 200-56451-1  
Client ID: SG-201  
Operator ID: ggg ALS Bottle#: 16 Worklist Smp#: 17  
Purge Vol: 200.000 mL Dil. Factor: 1.0000  
Method: TO15\_TO3\_MasterMethod\_W Limit Group: AI\_TO15\_ICAL  
Column: RTX-624 ( 0.32 mm) Detector: MS SCAN

## 31 Methyl tert-butyl ether, CAS: 1634-04-4

## Processing Results



| RT   | Mass  | Response | Amount   |
|------|-------|----------|----------|
| 9.23 | 73.00 | 4064     | 0.015349 |
| 9.24 | 43.00 | 149598   |          |

Reviewer: bunmaa, 21-Dec-2020 12:29:44

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

## Eurofins TestAmerica, Burlington

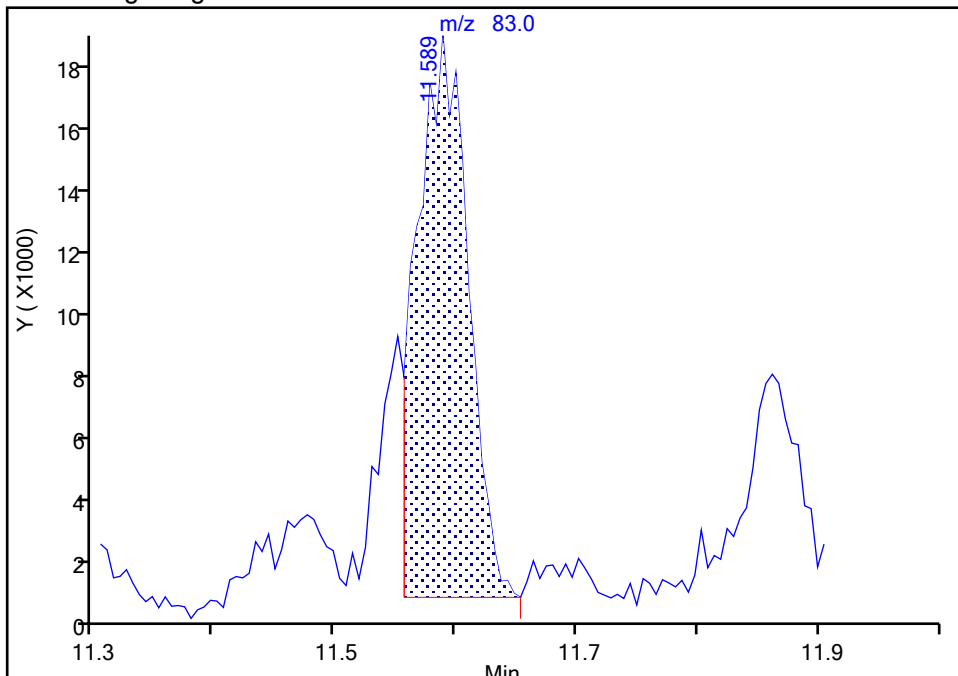
Data File: \\chromfs\Burlington\ChromData\CHW.i\20201218-44134.b\44134-017.d  
Injection Date: 18-Dec-2020 23:04:30 Instrument ID: CHW.i  
Lims ID: 200-56451-A-1 Lab Sample ID: 200-56451-1  
Client ID: SG-201  
Operator ID: ggg ALS Bottle#: 16 Worklist Smp#: 17  
Purge Vol: 200.000 mL Dil. Factor: 1.0000  
Method: TO15\_TO3\_MasterMethod\_W Limit Group: AI\_TO15\_ICAL  
Column: RTX-624 ( 0.32 mm) Detector: MS SCAN

**41 Chloroform, CAS: 67-66-3**

Signal: 1

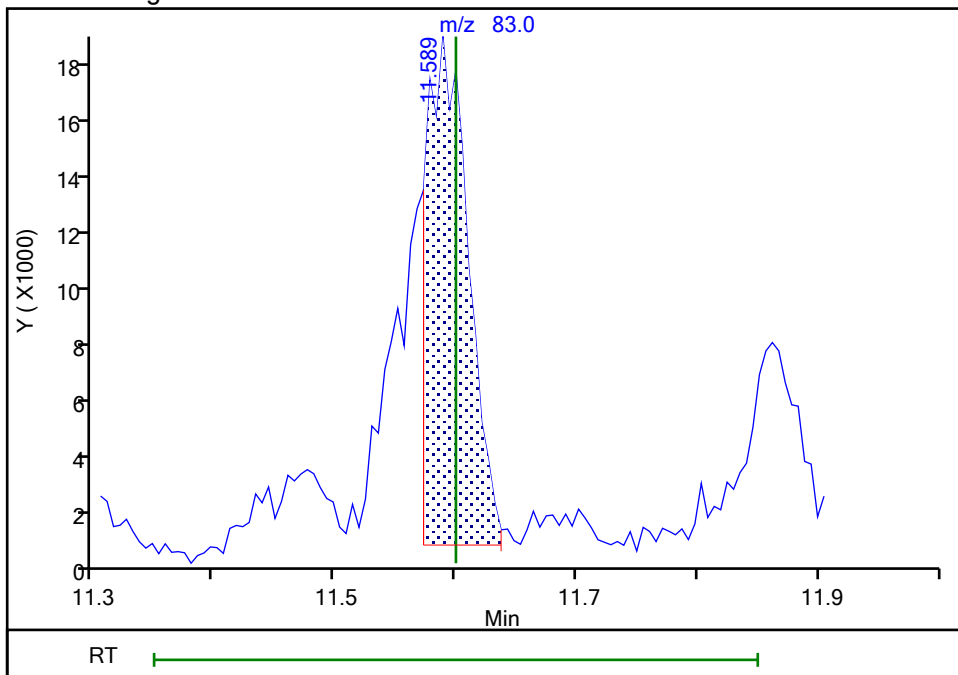
RT: 11.59  
Area: 51311  
Amount: 0.233859  
Amount Units: ppb v/v

## Processing Integration Results



RT: 11.59  
Area: 42032  
Amount: 0.191569  
Amount Units: ppb v/v

## Manual Integration Results



Reviewer: bunmaa, 21-Dec-2020 12:30:38

Audit Action: Manually Integrated

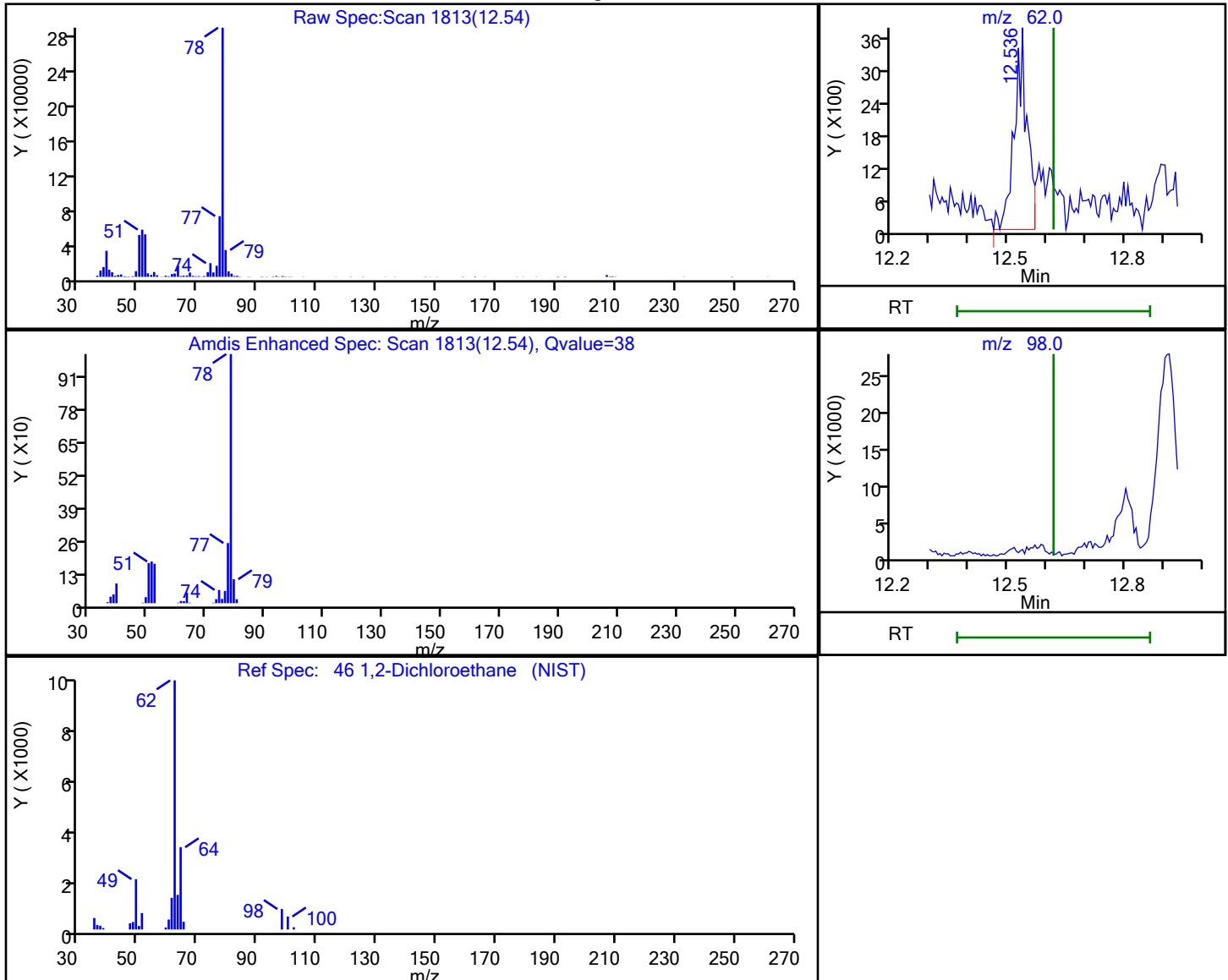
Audit Reason: Assign Peak

## Eurofins TestAmerica, Burlington

Data File: \\chromfs\Burlington\ChromData\CHW.i\20201218-44134.b\44134-017.d  
Injection Date: 18-Dec-2020 23:04:30 Instrument ID: CHW.i  
Lims ID: 200-56451-A-1 Lab Sample ID: 200-56451-1  
Client ID: SG-201  
Operator ID: ggg ALS Bottle#: 16 Worklist Smp#: 17  
Purge Vol: 200.000 mL Dil. Factor: 1.0000  
Method: TO15\_TO3\_MasterMethod\_W Limit Group: AI\_TO15\_ICAL  
Column: RTX-624 ( 0.32 mm) Detector: MS SCAN

## 46 1,2-Dichloroethane, CAS: 107-06-2

## Processing Results



| RT    | Mass  | Response | Amount   |
|-------|-------|----------|----------|
| 12.54 | 62.00 | 8697     | 0.060048 |
| 12.62 | 98.00 | 0        |          |

Reviewer: bunmaa, 21-Dec-2020 12:31:06

Audit Action: Marked Compound Undetected

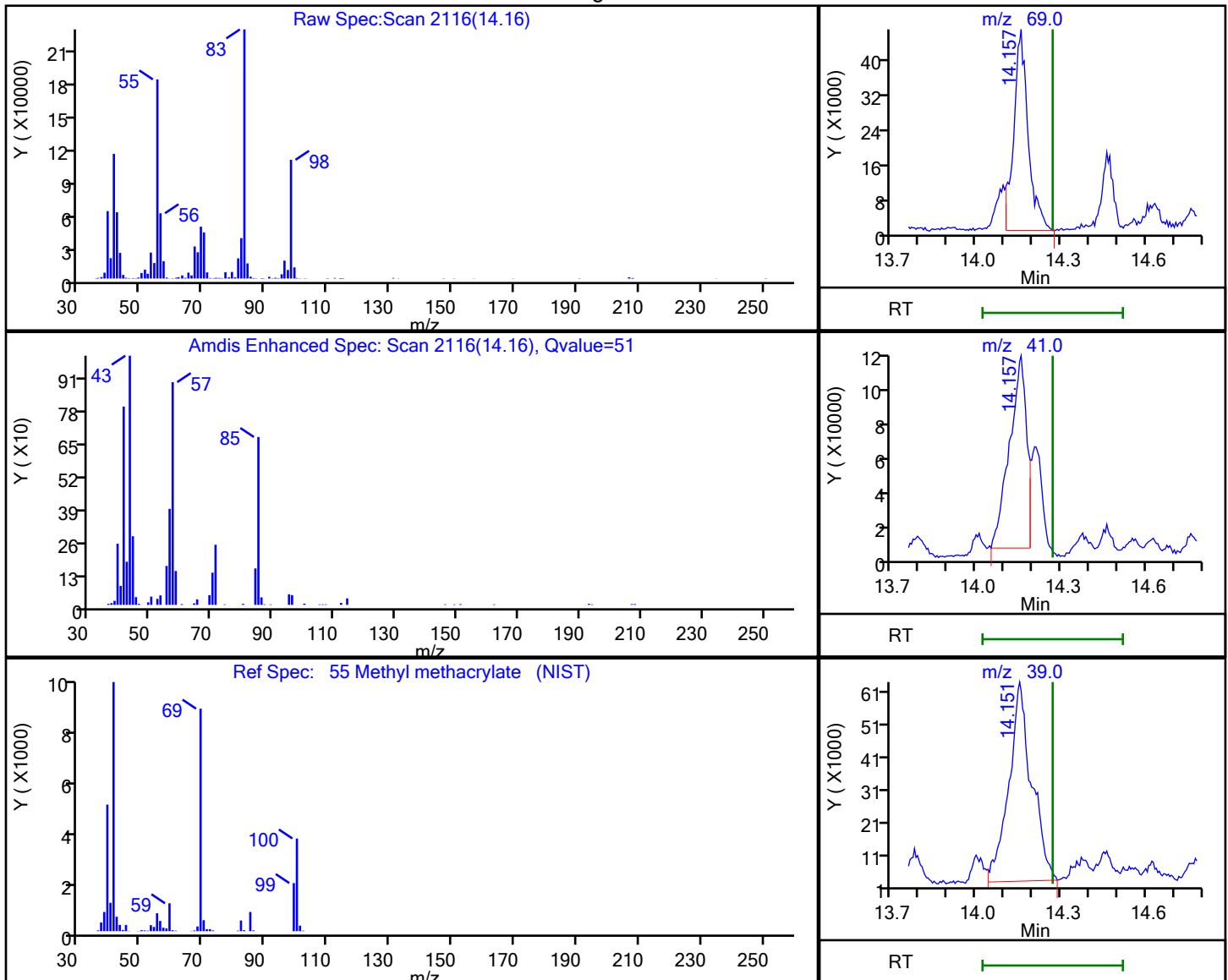
Audit Reason: Invalid Compound ID

## Eurofins TestAmerica, Burlington

Data File: \\chromfs\Burlington\ChromData\CHW.i\20201218-44134.b\44134-017.d  
Injection Date: 18-Dec-2020 23:04:30 Instrument ID: CHW.i  
Lims ID: 200-56451-A-1 Lab Sample ID: 200-56451-1  
Client ID: SG-201  
Operator ID: ggg ALS Bottle#: 16 Worklist Smp#: 17  
Purge Vol: 200.000 mL Dil. Factor: 1.0000  
Method: TO15\_TO3\_MasterMethod\_W 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   |
|-------|-------|----------|----------|
| 14.16 | 69.00 | 164580   | 1.625407 |
| 14.16 | 41.00 | 449815   |          |
| 14.15 | 39.00 | 348735   |          |

Reviewer: bunmaa, 21-Dec-2020 12:31:33

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

## Eurofins TestAmerica, Burlington

Data File: \\chromfs\Burlington\ChromData\CHW.i\20201218-44134.b\44134-017.d

Injection Date: 18-Dec-2020 23:04:30

Instrument ID: CHW.i

Lims ID: 200-56451-A-1

Lab Sample ID: 200-56451-1

Client ID: SG-201

Operator ID: ggg

ALS Bottle#: 16

Worklist Smp#: 17

Purge Vol: 200.000 mL

Dil. Factor: 1.0000

Method: TO15\_TO3\_MasterMethod\_W

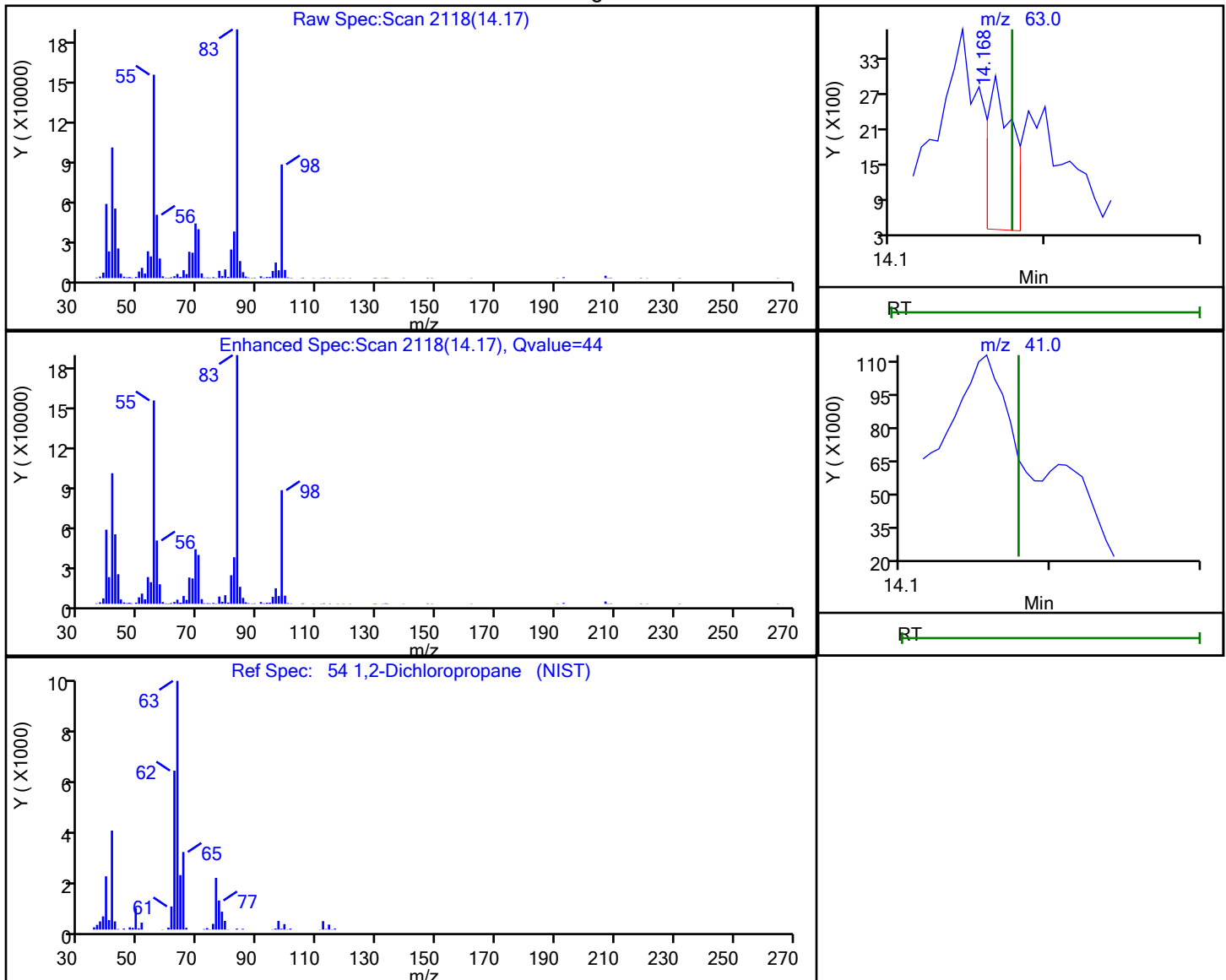
Limit Group: AI\_TO15\_ICAL

Column: RTX-624 ( 0.32 mm)

Detector: MS SCAN

## 54 1,2-Dichloropropane, CAS: 78-87-5

## Processing Results



| RT    | Mass  | Response | Amount   |
|-------|-------|----------|----------|
| 14.17 | 63.00 | 3063     | 0.026837 |
| 14.18 | 41.00 | 0        |          |

Reviewer: bunmaa, 21-Dec-2020 12:31:30

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

## Eurofins TestAmerica, Burlington

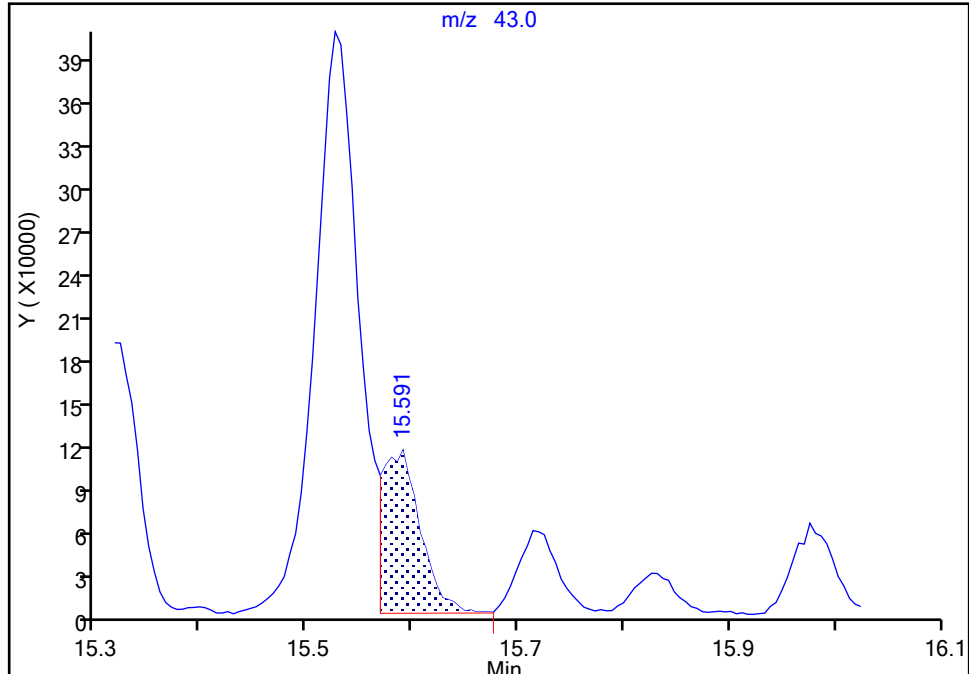
Data File: \\chromfs\Burlington\ChromData\CHW.i\20201218-44134.b\44134-017.d  
Injection Date: 18-Dec-2020 23:04:30 Instrument ID: CHW.i  
Lims ID: 200-56451-A-1 Lab Sample ID: 200-56451-1  
Client ID: SG-201  
Operator ID: ggg ALS Bottle#: 16 Worklist Smp#: 17  
Purge Vol: 200.000 mL Dil. Factor: 1.0000  
Method: TO15\_TO3\_MasterMethod\_W Limit Group: AI\_TO15\_ICAL  
Column: RTX-624 ( 0.32 mm) Detector: MS SCAN

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

Signal: 1

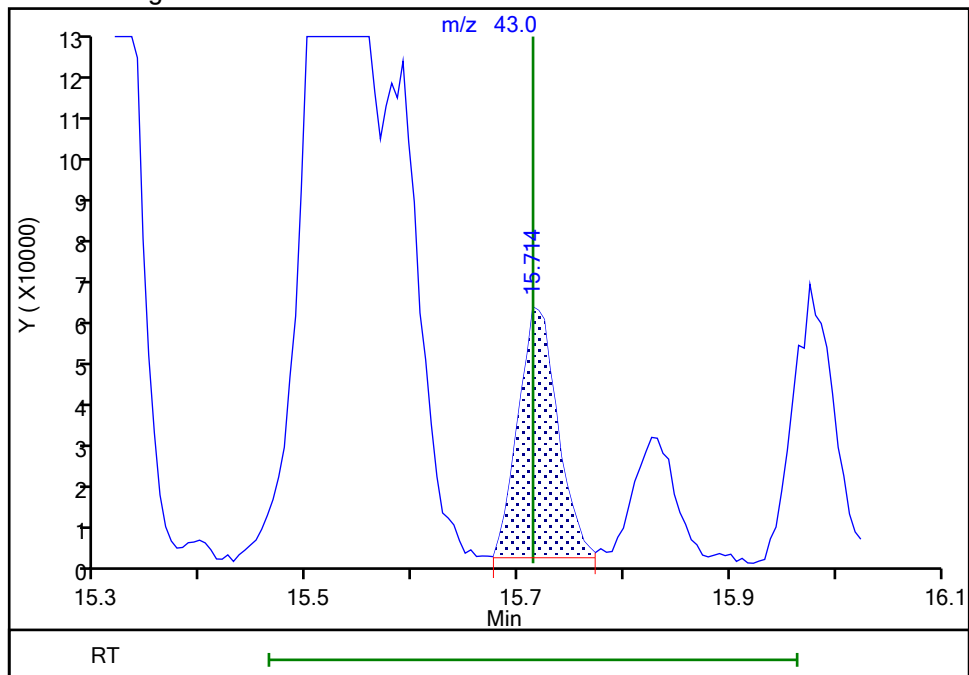
RT: 15.59  
Area: 282479  
Amount: 1.266087  
Amount Units: ppb v/v

## Processing Integration Results



RT: 15.71  
Area: 145283  
Amount: 0.651167  
Amount Units: ppb v/v

## Manual Integration Results



Reviewer: bunmaa, 21-Dec-2020 12:32:04

Audit Action: Manually Integrated

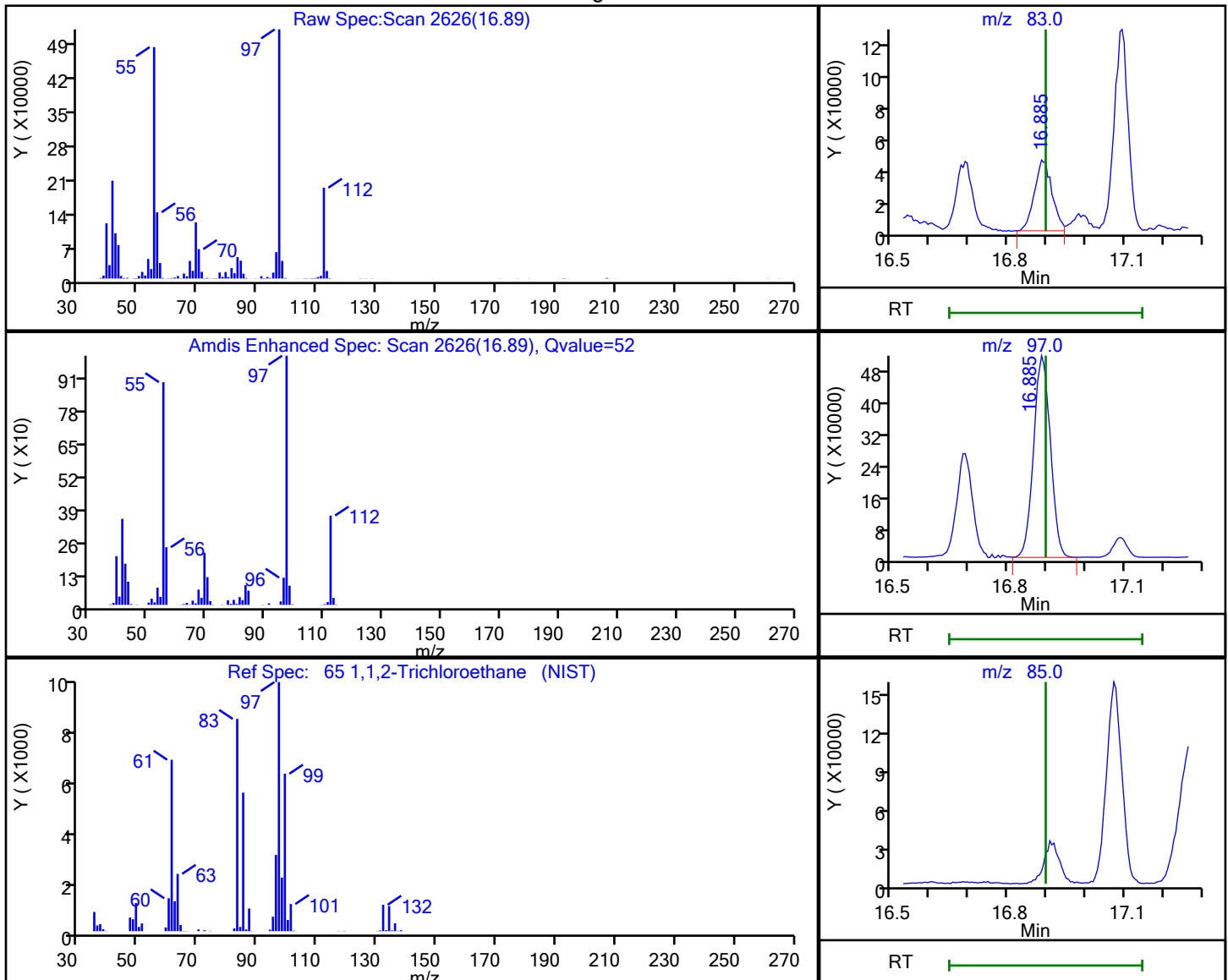
Audit Reason: Assign Peak

## Eurofins TestAmerica, Burlington

Data File: \\chromfs\Burlington\ChromData\CHW.i\20201218-44134.b\44134-017.d  
Injection Date: 18-Dec-2020 23:04:30 Instrument ID: CHW.i  
Lims ID: 200-56451-A-1 Lab Sample ID: 200-56451-1  
Client ID: SG-201  
Operator ID: ggg ALS Bottle#: 16 Worklist Smp#: 17  
Purge Vol: 200.000 mL Dil. Factor: 1.0000  
Method: TO15\_TO3\_MasterMethod\_W Limit Group: AI\_TO15\_ICAL  
Column: RTX-624 ( 0.32 mm) Detector: MS SCAN

## 65 1,1,2-Trichloroethane, CAS: 79-00-5

## Processing Results



| RT    | Mass  | Response | Amount   |
|-------|-------|----------|----------|
| 16.89 | 83.00 | 139281   | 1.178438 |
| 16.89 | 97.00 | 1567246  |          |
| 16.90 | 85.00 | 0        |          |

Reviewer: bunmaa, 21-Dec-2020 12:32:20

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

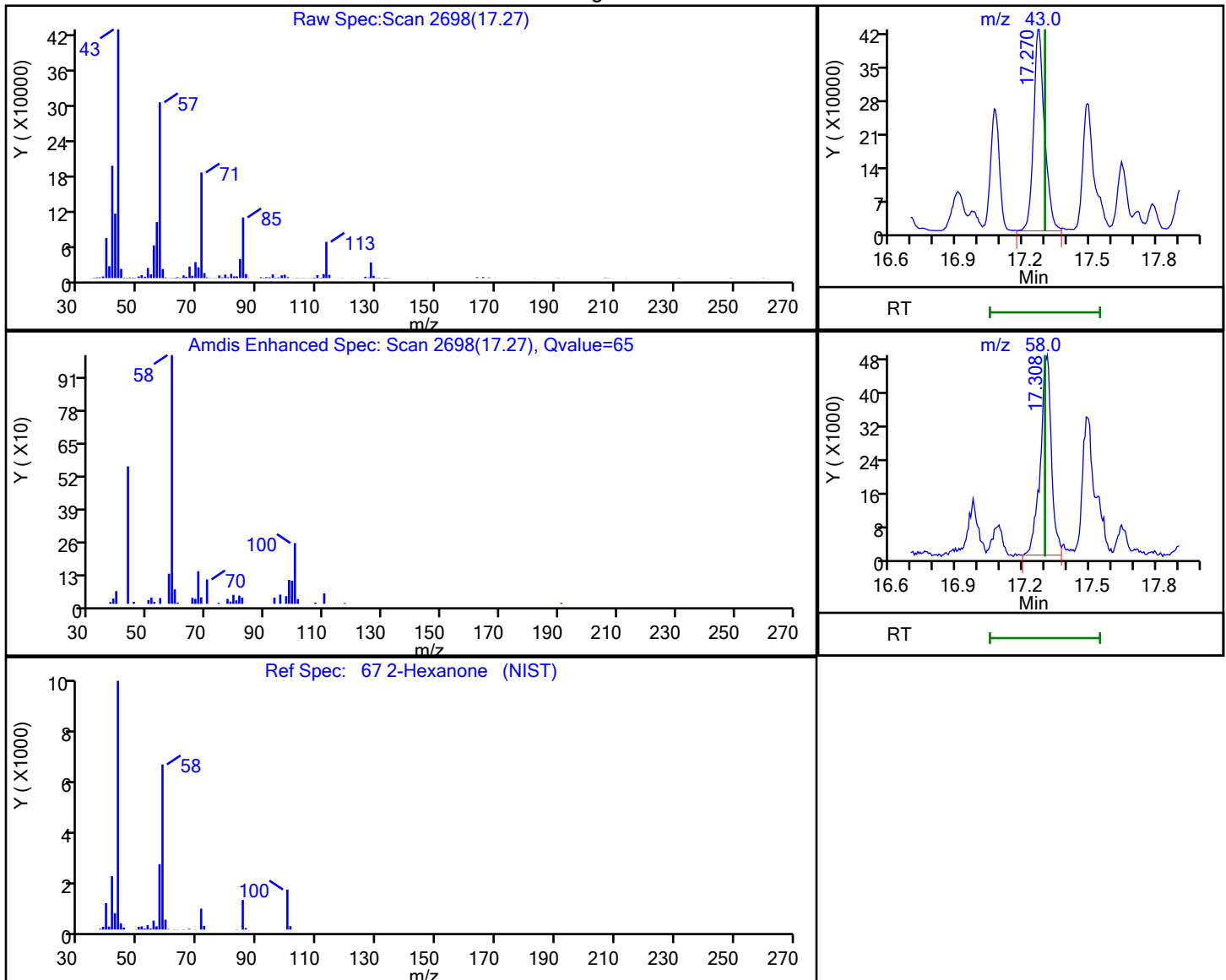


## Eurofins TestAmerica, Burlington

Data File: \\chromfs\Burlington\ChromData\CHW.i\20201218-44134.b\44134-017.d  
Injection Date: 18-Dec-2020 23:04:30 Instrument ID: CHW.i  
Lims ID: 200-56451-A-1 Lab Sample ID: 200-56451-1  
Client ID: SG-201  
Operator ID: ggg ALS Bottle#: 16 Worklist Smp#: 17  
Purge Vol: 200.000 mL Dil. Factor: 1.0000  
Method: TO15\_TO3\_MasterMethod\_W Limit Group: AI\_TO15\_ICAL  
Column: RTX-624 ( 0.32 mm) Detector: MS SCAN

## 67 2-Hexanone, CAS: 591-78-6

## Processing Results



| RT    | Mass  | Response | Amount   |
|-------|-------|----------|----------|
| 17.27 | 43.00 | 1467946  | 6.805596 |
| 17.31 | 58.00 | 166848   |          |

Reviewer: bunmaa, 21-Dec-2020 12:32:49

Audit Action: Marked Compound Undetected

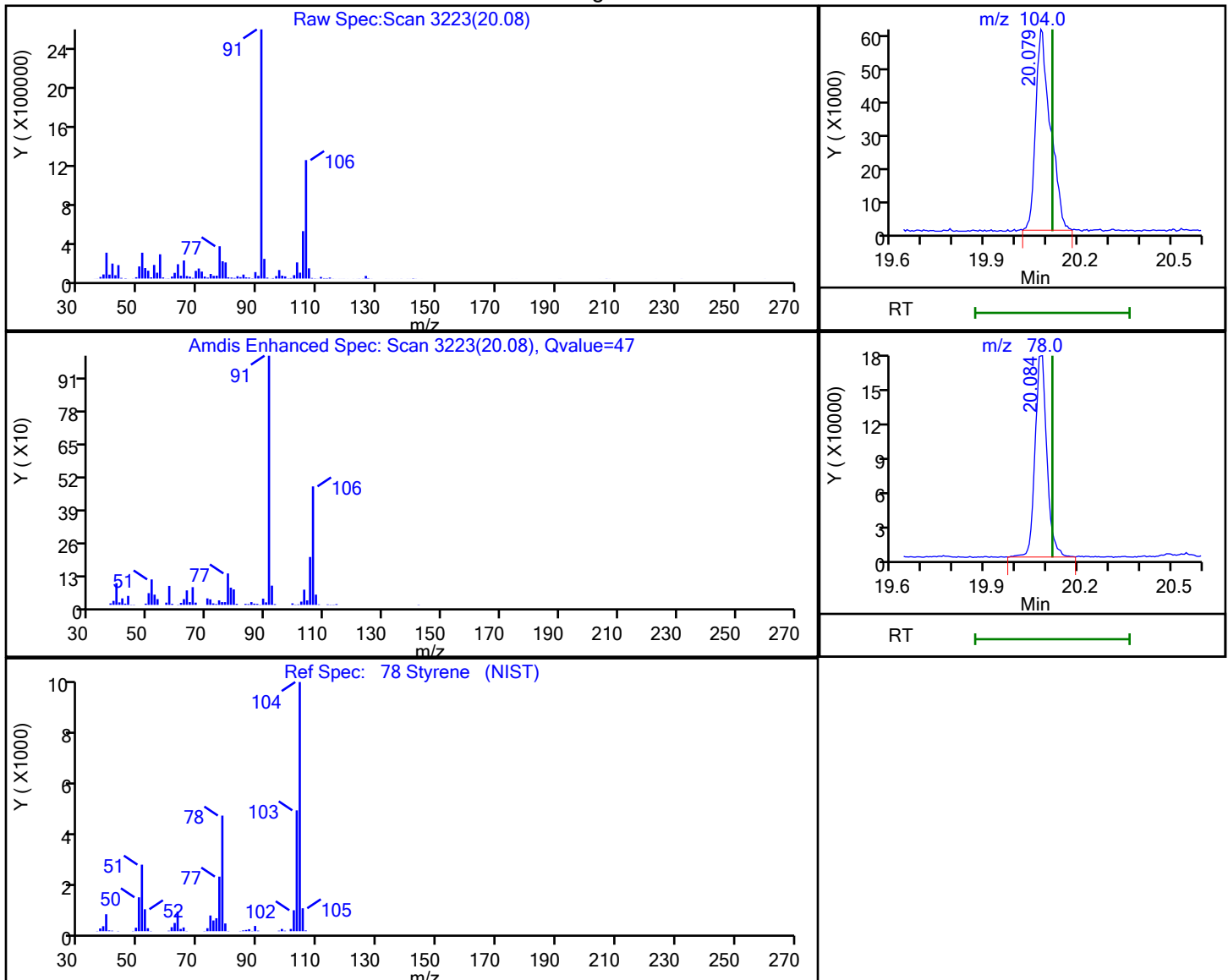
Audit Reason: Invalid Compound ID

## Eurofins TestAmerica, Burlington

Data File: \\chromfs\Burlington\ChromData\CHW.i\20201218-44134.b\44134-017.d  
Injection Date: 18-Dec-2020 23:04:30 Instrument ID: CHW.i  
Lims ID: 200-56451-A-1 Lab Sample ID: 200-56451-1  
Client ID: SG-201  
Operator ID: ggg ALS Bottle#: 16 Worklist Smp#: 17  
Purge Vol: 200.000 mL Dil. Factor: 1.0000  
Method: TO15\_TO3\_MasterMethod\_W Limit Group: AI\_TO15\_ICAL  
Column: RTX-624 ( 0.32 mm) Detector: MS SCAN

## 78 Styrene, CAS: 100-42-5

## Processing Results



| RT    | Mass   | Response | Amount   |
|-------|--------|----------|----------|
| 20.08 | 104.00 | 201645   | 0.693489 |
| 20.08 | 78.00  | 478532   |          |

Reviewer: bunmaa, 21-Dec-2020 12:33:31

Audit Action: Marked Compound Undetected

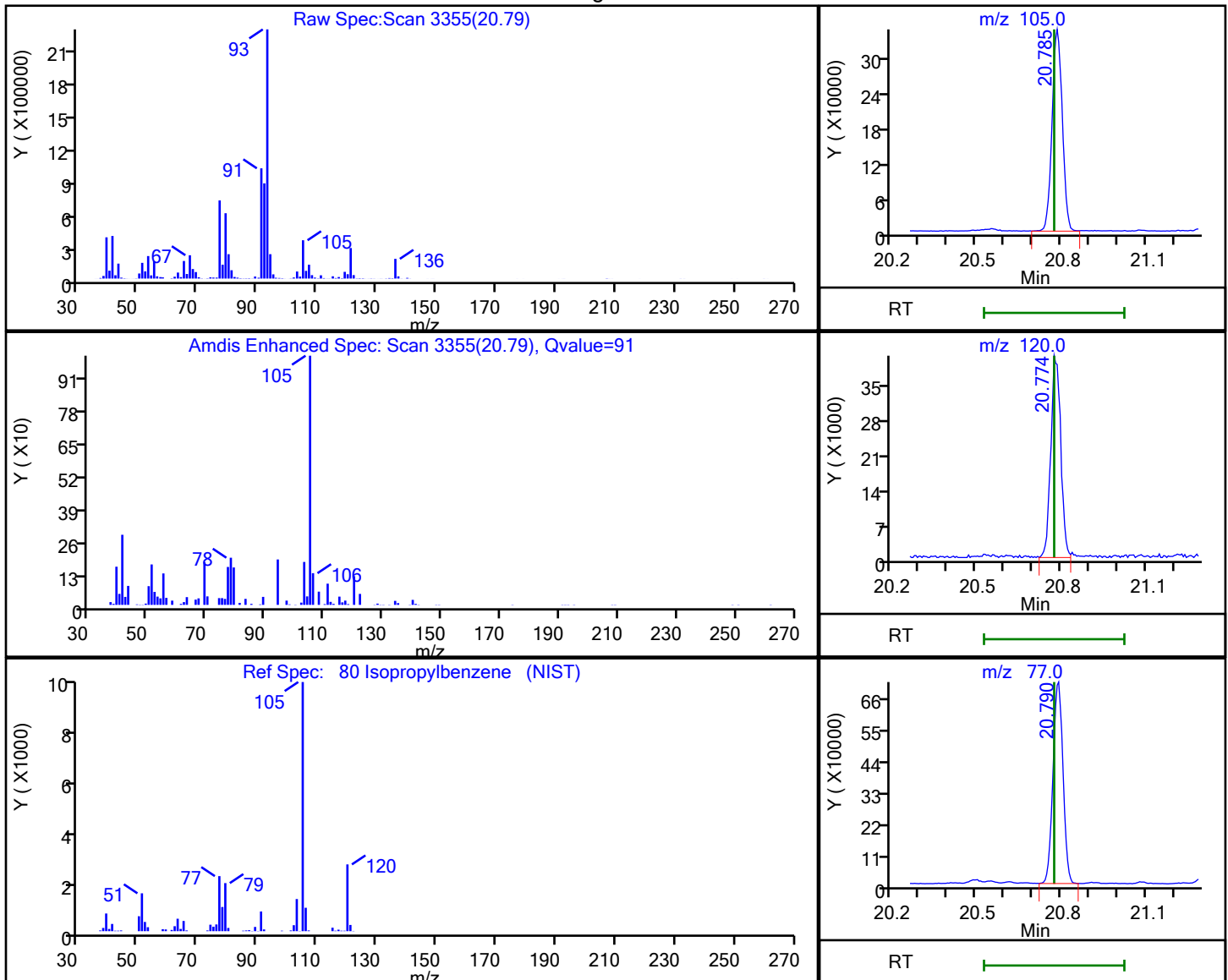
Audit Reason: Invalid Compound ID

## Eurofins TestAmerica, Burlington

Data File: \\chromfs\Burlington\ChromData\CHW.i\20201218-44134.b\44134-017.d  
Injection Date: 18-Dec-2020 23:04:30 Instrument ID: CHW.i  
Lims ID: 200-56451-A-1 Lab Sample ID: 200-56451-1  
Client ID: SG-201  
Operator ID: ggg ALS Bottle#: 16 Worklist Smp#: 17  
Purge Vol: 200.000 mL Dil. Factor: 1.0000  
Method: TO15\_TO3\_MasterMethod\_W Limit Group: AI\_TO15\_ICAL  
Column: RTX-624 ( 0.32 mm) Detector: MS SCAN

## 80 Isopropylbenzene, CAS: 98-82-8

## Processing Results



| RT    | Mass   | Response | Amount   |
|-------|--------|----------|----------|
| 20.79 | 105.00 | 875558   | 1.558232 |
| 20.77 | 120.00 | 100693   |          |
| 20.79 | 77.00  | 1769314  |          |

Reviewer: bunmaa, 21-Dec-2020 12:33:57

Audit Action: Marked Compound Undetected

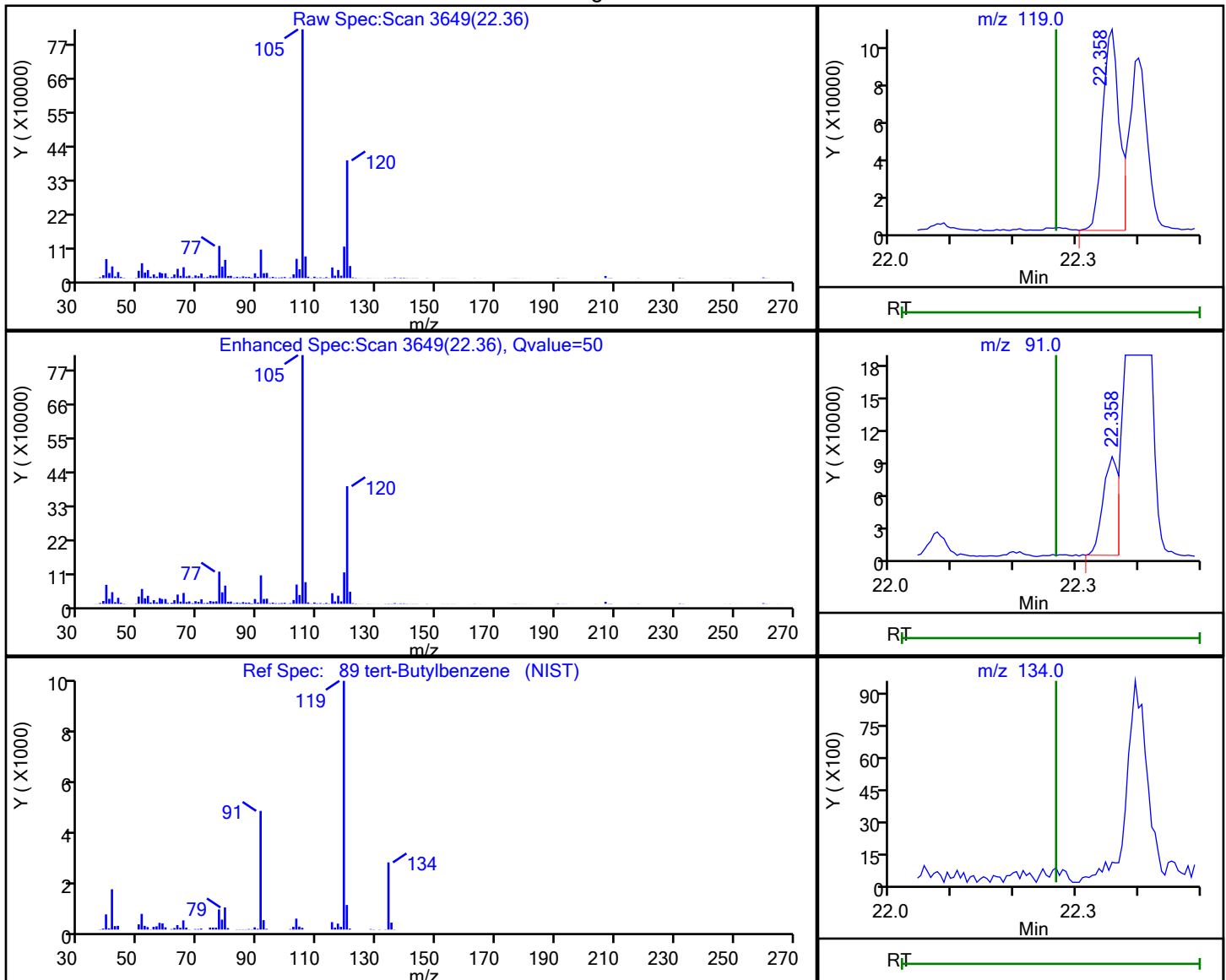
Audit Reason: Invalid Compound ID

## Eurofins TestAmerica, Burlington

Data File: \\chromfs\Burlington\ChromData\CHW.i\20201218-44134.b\44134-017.d  
Injection Date: 18-Dec-2020 23:04:30 Instrument ID: CHW.i  
Lims ID: 200-56451-A-1 Lab Sample ID: 200-56451-1  
Client ID: SG-201  
Operator ID: ggg ALS Bottle#: 16 Worklist Smp#: 17  
Purge Vol: 200.000 mL Dil. Factor: 1.0000  
Method: TO15\_TO3\_MasterMethod\_W Limit Group: AI\_TO15\_ICAL  
Column: RTX-624 ( 0.32 mm) Detector: MS SCAN

## 89 tert-Butylbenzene, CAS: 98-06-6

## Processing Results



| RT    | Mass   | Response | Amount   |
|-------|--------|----------|----------|
| 22.36 | 119.00 | 194714   | 0.405793 |
| 22.36 | 91.00  | 156129   |          |
| 22.27 | 134.00 | 0        |          |

Reviewer: bunmaa, 21-Dec-2020 12:34:14

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

## Eurofins TestAmerica, Burlington

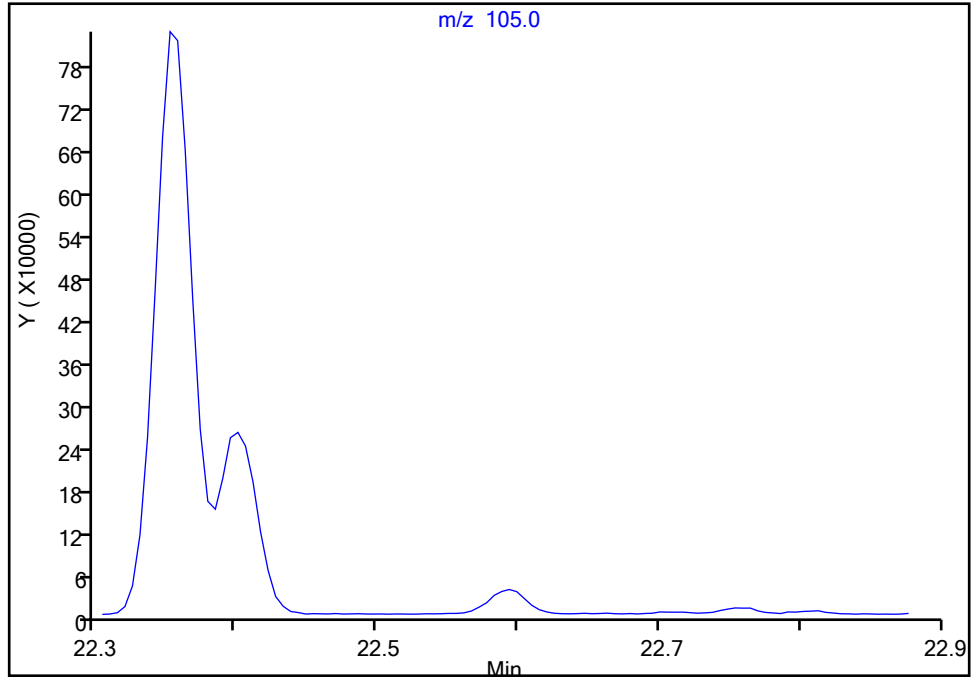
Data File: \\chromfs\Burlington\ChromData\CHW.i\20201218-44134.b\44134-017.d  
Injection Date: 18-Dec-2020 23:04:30 Instrument ID: CHW.i  
Lims ID: 200-56451-A-1 Lab Sample ID: 200-56451-1  
Client ID: SG-201  
Operator ID: ggg ALS Bottle#: 16 Worklist Smp#: 17  
Purge Vol: 200.000 mL Dil. Factor: 1.0000  
Method: TO15\_TO3\_MasterMethod\_W Limit Group: AI\_TO15\_ICAL  
Column: RTX-624 ( 0.32 mm) Detector: MS SCAN

**91 sec-Butylbenzene, CAS: 135-98-8**

Signal: 1

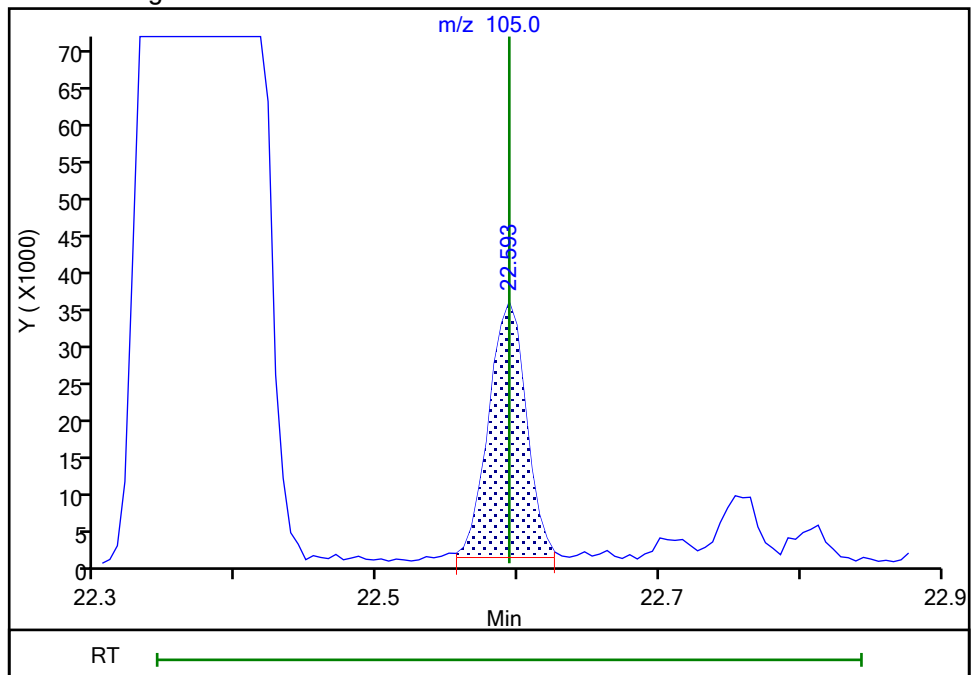
Not Detected  
Expected RT: 22.59

## Processing Integration Results



RT: 22.59  
Area: 63730  
Amount: 0.091708  
Amount Units: ppb v/v

## Manual Integration Results



Reviewer: bunmaa, 21-Dec-2020 12:34:29

Audit Action: Manually Integrated

Audit Reason: Assign Peak

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

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-56451-1  
 SDG No.: 200-56451-1  
 Client Sample ID: SG-201 DL Lab Sample ID: 200-56451-1 DL  
 Matrix: Air Lab File ID: 44134-018.d  
 Analysis Method: TO-15 Date Collected: 12/09/2020 14:58  
 Sample wt/vol: 50 (mL) Date Analyzed: 12/18/2020 23:57  
 Soil Aliquot Vol: \_\_\_\_\_ Dilution Factor: 4  
 Soil Extract Vol.: \_\_\_\_\_ GC Column: RTX-624 ID: 0.32 (mm)  
 % Moisture: \_\_\_\_\_ Level: (low/med) Low  
 Analysis Batch No.: 162240 Units: ug/m3

| CAS NO.   | COMPOUND NAME                    | MOLECULAR WEIGHT | RESULT | Q   | RL   | MDL  |
|-----------|----------------------------------|------------------|--------|-----|------|------|
| 75-71-8   | Dichlorodifluoromethane          | 120.91           | 2.4    | J D | 9.9  | 2.2  |
| 75-45-6   | Chlorodifluoromethane            | 86.47            | 7.1    | U   | 7.1  | 1.7  |
| 76-14-2   | 1,2-Dichlorotetrafluoroethane    | 170.92           | 5.6    | U   | 5.6  | 0.98 |
| 74-87-3   | Chloromethane                    | 50.49            | 4.1    | U   | 4.1  | 0.91 |
| 106-97-8  | n-Butane                         | 58.12            | 100    | D   | 4.8  | 1.0  |
| 75-01-4   | Vinyl chloride                   | 62.50            | 0.80   | U   | 0.80 | 0.45 |
| 106-99-0  | 1,3-Butadiene                    | 54.09            | 13     | D   | 1.8  | 0.50 |
| 74-83-9   | Bromomethane                     | 94.94            | 3.1    | U   | 3.1  | 0.79 |
| 75-00-3   | Chloroethane                     | 64.52            | 4.8    | J D | 5.3  | 0.57 |
| 593-60-2  | Bromoethene (Vinyl Bromide)      | 106.96           | 3.5    | U   | 3.5  | 0.91 |
| 75-69-4   | Trichlorofluoromethane           | 137.37           | 1.4    | J D | 4.5  | 1.3  |
| 76-13-1   | 1,1,2-Trichlorotrifluoroethane   | 187.38           | 11     | D   | 6.1  | 1.2  |
| 75-35-4   | 1,1-Dichloroethene               | 96.94            | 1.4    | D   | 0.80 | 0.62 |
| 67-64-1   | Acetone                          | 58.08            | 21     | J D | 48   | 11   |
| 67-63-0   | Isopropyl alcohol                | 60.10            | 49     | U   | 49   | 4.7  |
| 75-15-0   | Carbon disulfide                 | 76.14            | 21     | D   | 6.2  | 0.92 |
| 107-05-1  | 3-Chloropropene                  | 76.53            | 6.3    | U   | 6.3  | 0.80 |
| 75-09-2   | Methylene Chloride               | 84.93            | 6.9    | U   | 6.9  | 3.8  |
| 75-65-0   | tert-Butyl alcohol               | 74.12            | 61     | U   | 61   | 0.46 |
| 1634-04-4 | Methyl tert-butyl ether          | 88.15            | 2.9    | U   | 2.9  | 0.48 |
| 156-60-5  | trans-1,2-Dichloroethene         | 96.94            | 3.2    | U   | 3.2  | 0.67 |
| 110-54-3  | n-Hexane                         | 86.17            | 24     | D   | 2.8  | 2.8  |
| 75-34-3   | 1,1-Dichloroethane               | 98.96            | 29     | D   | 3.2  | 0.66 |
| 78-93-3   | Methyl Ethyl Ketone (2-Butanone) | 72.11            | 5.0    | J D | 5.9  | 0.85 |
| 156-59-2  | cis-1,2-Dichloroethene           | 96.94            | 8.8    | D   | 0.80 | 0.71 |
| 67-66-3   | Chloroform                       | 119.38           | 0.94   | J D | 3.9  | 0.62 |
| 109-99-9  | Tetrahydrofuran                  | 72.11            | 59     | U   | 59   | 0.78 |
| 71-55-6   | 1,1,1-Trichloroethane            | 133.41           | 46     | D   | 4.4  | 0.79 |
| 110-82-7  | Cyclohexane                      | 84.16            | 3.9    | D   | 2.8  | 0.63 |
| 56-23-5   | Carbon tetrachloride             | 153.81           | 0.88   | U   | 0.88 | 0.60 |
| 540-84-1  | 2,2,4-Trimethylpentane           | 114.23           | 15     | D   | 3.7  | 0.77 |
| 71-43-2   | Benzene                          | 78.11            | 7.4    | D   | 2.6  | 0.86 |
| 107-06-2  | 1,2-Dichloroethane               | 98.96            | 3.2    | U   | 3.2  | 0.52 |

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

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-56451-1  
 SDG No.: 200-56451-1  
 Client Sample ID: SG-201 DL Lab Sample ID: 200-56451-1 DL  
 Matrix: Air Lab File ID: 44134-018.d  
 Analysis Method: TO-15 Date Collected: 12/09/2020 14:58  
 Sample wt/vol: 50 (mL) Date Analyzed: 12/18/2020 23:57  
 Soil Aliquot Vol: \_\_\_\_\_ Dilution Factor: 4  
 Soil Extract Vol.: \_\_\_\_\_ GC Column: RTX-624 ID: 0.32 (mm)  
 % Moisture: \_\_\_\_\_ Level: (low/med) Low  
 Analysis Batch No.: 162240 Units: ug/m3

| CAS NO.     | COMPOUND NAME                                    | MOLECULAR WEIGHT | RESULT | Q   | RL   | MDL  |
|-------------|--------------------------------------------------|------------------|--------|-----|------|------|
| 142-82-5    | <i>n</i> -Heptane                                | 100.21           | 21     | D   | 3.3  | 0.92 |
| 79-01-6     | Trichloroethene                                  | 131.39           | 21     | D   | 0.80 | 0.75 |
| 80-62-6     | Methyl methacrylate                              | 100.12           | 8.2    | U   | 8.2  | 0.54 |
| 78-87-5     | 1,2-Dichloropropane                              | 112.99           | 3.7    | U   | 3.7  | 0.61 |
| 123-91-1    | 1,4-Dioxane                                      | 88.11            | 72     | U   | 72   | 1.2  |
| 75-27-4     | Bromodichloromethane                             | 163.83           | 5.4    | U   | 5.4  | 0.94 |
| 10061-01-5  | <i>cis</i> -1,3-Dichloropropene                  | 110.97           | 3.6    | U   | 3.6  | 0.58 |
| 108-10-1    | 4-Methyl-2-pentanone<br>(Methyl isobutyl ketone) | 100.16           | 1.7    | J D | 8.2  | 0.59 |
| 108-88-3    | Toluene                                          | 92.14            | 22     | D   | 3.0  | 1.7  |
| 10061-02-6  | <i>trans</i> -1,3-Dichloropropene                | 110.97           | 3.6    | U   | 3.6  | 0.71 |
| 79-00-5     | 1,1,2-Trichloroethane                            | 133.41           | 4.4    | U   | 4.4  | 0.79 |
| 127-18-4    | Tetrachloroethene                                | 165.83           | 540    | D   | 5.4  | 0.90 |
| 591-78-6    | Methyl Butyl Ketone<br>(2-Hexanone)              | 100.20           | 8.2    | U   | 8.2  | 0.79 |
| 124-48-1    | Dibromochloromethane                             | 208.28           | 6.8    | U   | 6.8  | 1.2  |
| 106-93-4    | 1,2-Dibromoethane                                | 187.87           | 6.1    | U   | 6.1  | 1.5  |
| 108-90-7    | Chlorobenzene                                    | 112.56           | 3.7    | U   | 3.7  | 1.0  |
| 100-41-4    | Ethylbenzene                                     | 106.17           | 26     | D   | 3.5  | 1.1  |
| 179601-23-1 | <i>m,p</i> -Xylene                               | 106.17           | 130    | D   | 8.7  | 1.7  |
| 95-47-6     | <i>o</i> -Xylene                                 | 106.17           | 63     | D   | 3.5  | 0.83 |
| 100-42-5    | Styrene                                          | 104.15           | 3.4    | U   | 3.4  | 0.68 |
| 75-25-2     | Bromoform                                        | 252.75           | 8.3    | U   | 8.3  | 2.0  |
| 98-82-8     | Cumene                                           | 120.19           | 3.9    | U   | 3.9  | 0.69 |
| 79-34-5     | 1,1,2,2-Tetrachloroethane                        | 167.85           | 5.5    | U   | 5.5  | 1.2  |
| 103-65-1    | <i>n</i> -Propylbenzene                          | 120.19           | 2.4    | J D | 3.9  | 0.77 |
| 622-96-8    | 4-Ethyltoluene                                   | 120.20           | 3.4    | J D | 3.9  | 0.81 |
| 108-67-8    | 1,3,5-Trimethylbenzene                           | 120.20           | 3.8    | J D | 3.9  | 0.77 |
| 95-49-8     | 2-Chlorotoluene                                  | 126.59           | 4.1    | U   | 4.1  | 0.87 |
| 98-06-6     | <i>tert</i> -Butylbenzene                        | 134.22           | 4.4    | U   | 4.4  | 0.77 |
| 95-63-6     | 1,2,4-Trimethylbenzene                           | 120.20           | 13     | D   | 3.9  | 0.87 |
| 135-98-8    | <i>sec</i> -Butylbenzene                         | 134.22           | 4.4    | U   | 4.4  | 0.77 |
| 99-87-6     | 4-Isopropyltoluene                               | 134.22           | 1.8    | J D | 4.4  | 0.86 |
| 541-73-1    | 1,3-Dichlorobenzene                              | 147.00           | 4.8    | U   | 4.8  | 2.6  |
| 106-46-7    | 1,4-Dichlorobenzene                              | 147.00           | 4.8    | U   | 4.8  | 2.9  |

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

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-56451-1  
 SDG No.: 200-56451-1  
 Client Sample ID: SG-201 DL Lab Sample ID: 200-56451-1 DL  
 Matrix: Air Lab File ID: 44134-018.d  
 Analysis Method: TO-15 Date Collected: 12/09/2020 14:58  
 Sample wt/vol: 50 (mL) Date Analyzed: 12/18/2020 23:57  
 Soil Aliquot Vol:                      Dilution Factor: 4  
 Soil Extract Vol.:                      GC Column: RTX-624 ID: 0.32 (mm)  
 % Moisture:                      Level: (low/med) Low  
 Analysis Batch No.: 162240 Units: ug/m3

| CAS NO.  | COMPOUND NAME          | MOLECULAR WEIGHT | RESULT | Q | RL  | MDL  |
|----------|------------------------|------------------|--------|---|-----|------|
| 100-44-7 | Benzyl chloride        | 126.58           | 4.1    | U | 4.1 | 1.8  |
| 104-51-8 | n-Butylbenzene         | 134.22           | 4.4    | U | 4.4 | 0.86 |
| 95-50-1  | 1,2-Dichlorobenzene    | 147.00           | 4.8    | U | 4.8 | 2.3  |
| 120-82-1 | 1,2,4-Trichlorobenzene | 181.45           | 15     | U | 15  | 6.5  |
| 87-68-3  | Hexachlorobutadiene    | 260.76           | 8.5    | U | 8.5 | 3.2  |
| 91-20-3  | Naphthalene            | 128.17           | 10     | U | 10  | 3.6  |



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

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-56451-1  
 SDG No.: 200-56451-1  
 Client Sample ID: SG-201 DL Lab Sample ID: 200-56451-1 DL  
 Matrix: Air Lab File ID: 44134-018.d  
 Analysis Method: TO-15 Date Collected: 12/09/2020 14:58  
 Sample wt/vol: 50 (mL) Date Analyzed: 12/18/2020 23:57  
 Soil Aliquot Vol: \_\_\_\_\_ Dilution Factor: 4  
 Soil Extract Vol.: \_\_\_\_\_ GC Column: RTX-624 ID: 0.32 (mm)  
 % Moisture: \_\_\_\_\_ Level: (low/med) Low  
 Analysis Batch No.: 162240 Units: ppb v/v

| CAS NO.   | COMPOUND NAME                    | MOLECULAR WEIGHT | RESULT | Q   | RL   | MDL   |
|-----------|----------------------------------|------------------|--------|-----|------|-------|
| 75-71-8   | Dichlorodifluoromethane          | 120.91           | 0.48   | J D | 2.0  | 0.44  |
| 75-45-6   | Chlorodifluoromethane            | 86.47            | 2.0    | U   | 2.0  | 0.48  |
| 76-14-2   | 1,2-Dichlorotetrafluoroethane    | 170.92           | 0.80   | U   | 0.80 | 0.14  |
| 74-87-3   | Chloromethane                    | 50.49            | 2.0    | U   | 2.0  | 0.44  |
| 106-97-8  | n-Butane                         | 58.12            | 42     | D   | 2.0  | 0.44  |
| 75-01-4   | Vinyl chloride                   | 62.50            | 0.31   | U   | 0.31 | 0.18  |
| 106-99-0  | 1,3-Butadiene                    | 54.09            | 6.1    | D   | 0.80 | 0.23  |
| 74-83-9   | Bromomethane                     | 94.94            | 0.80   | U   | 0.80 | 0.20  |
| 75-00-3   | Chloroethane                     | 64.52            | 1.8    | J D | 2.0  | 0.22  |
| 593-60-2  | Bromoethene (Vinyl Bromide)      | 106.96           | 0.80   | U   | 0.80 | 0.21  |
| 75-69-4   | Trichlorofluoromethane           | 137.37           | 0.25   | J D | 0.80 | 0.24  |
| 76-13-1   | 1,1,2-Trichlorotrifluoroethane   | 187.38           | 1.5    | D   | 0.80 | 0.15  |
| 75-35-4   | 1,1-Dichloroethene               | 96.94            | 0.35   | D   | 0.20 | 0.16  |
| 67-64-1   | Acetone                          | 58.08            | 8.6    | J D | 20   | 4.8   |
| 67-63-0   | Isopropyl alcohol                | 60.10            | 20     | U   | 20   | 1.9   |
| 75-15-0   | Carbon disulfide                 | 76.14            | 6.9    | D   | 2.0  | 0.30  |
| 107-05-1  | 3-Chloropropene                  | 76.53            | 2.0    | U   | 2.0  | 0.26  |
| 75-09-2   | Methylene Chloride               | 84.93            | 2.0    | U   | 2.0  | 1.1   |
| 75-65-0   | tert-Butyl alcohol               | 74.12            | 20     | U   | 20   | 0.15  |
| 1634-04-4 | Methyl tert-butyl ether          | 88.15            | 0.80   | U   | 0.80 | 0.13  |
| 156-60-5  | trans-1,2-Dichloroethene         | 96.94            | 0.80   | U   | 0.80 | 0.17  |
| 110-54-3  | n-Hexane                         | 86.17            | 6.8    | D   | 0.80 | 0.80  |
| 75-34-3   | 1,1-Dichloroethane               | 98.96            | 7.1    | D   | 0.80 | 0.16  |
| 78-93-3   | Methyl Ethyl Ketone (2-Butanone) | 72.11            | 1.7    | J D | 2.0  | 0.29  |
| 156-59-2  | cis-1,2-Dichloroethene           | 96.94            | 2.2    | D   | 0.20 | 0.18  |
| 67-66-3   | Chloroform                       | 119.38           | 0.19   | J D | 0.80 | 0.13  |
| 109-99-9  | Tetrahydrofuran                  | 72.11            | 20     | U   | 20   | 0.26  |
| 71-55-6   | 1,1,1-Trichloroethane            | 133.41           | 8.5    | D   | 0.80 | 0.14  |
| 110-82-7  | Cyclohexane                      | 84.16            | 1.1    | D   | 0.80 | 0.18  |
| 56-23-5   | Carbon tetrachloride             | 153.81           | 0.14   | U   | 0.14 | 0.096 |
| 540-84-1  | 2,2,4-Trimethylpentane           | 114.23           | 3.2    | D   | 0.80 | 0.16  |
| 71-43-2   | Benzene                          | 78.11            | 2.3    | D   | 0.80 | 0.27  |
| 107-06-2  | 1,2-Dichloroethane               | 98.96            | 0.80   | U   | 0.80 | 0.13  |

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

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-56451-1  
 SDG No.: 200-56451-1  
 Client Sample ID: SG-201 DL Lab Sample ID: 200-56451-1 DL  
 Matrix: Air Lab File ID: 44134-018.d  
 Analysis Method: TO-15 Date Collected: 12/09/2020 14:58  
 Sample wt/vol: 50 (mL) Date Analyzed: 12/18/2020 23:57  
 Soil Aliquot Vol: \_\_\_\_\_ Dilution Factor: 4  
 Soil Extract Vol.: \_\_\_\_\_ GC Column: RTX-624 ID: 0.32 (mm)  
 % Moisture: \_\_\_\_\_ Level: (low/med) Low  
 Analysis Batch No.: 162240 Units: ppb v/v

| CAS NO.     | COMPOUND NAME                                    | MOLECULAR WEIGHT | RESULT | Q   | RL   | MDL  |
|-------------|--------------------------------------------------|------------------|--------|-----|------|------|
| 142-82-5    | n-Heptane                                        | 100.21           | 5.2    | D   | 0.80 | 0.22 |
| 79-01-6     | Trichloroethene                                  | 131.39           | 4.0    | D   | 0.15 | 0.14 |
| 80-62-6     | Methyl methacrylate                              | 100.12           | 2.0    | U   | 2.0  | 0.13 |
| 78-87-5     | 1,2-Dichloropropane                              | 112.99           | 0.80   | U   | 0.80 | 0.13 |
| 123-91-1    | 1,4-Dioxane                                      | 88.11            | 20     | U   | 20   | 0.34 |
| 75-27-4     | Bromodichloromethane                             | 163.83           | 0.80   | U   | 0.80 | 0.14 |
| 10061-01-5  | cis-1,3-Dichloropropene                          | 110.97           | 0.80   | U   | 0.80 | 0.13 |
| 108-10-1    | 4-Methyl-2-pentanone<br>(Methyl isobutyl ketone) | 100.16           | 0.41   | J D | 2.0  | 0.14 |
| 108-88-3    | Toluene                                          | 92.14            | 5.9    | D   | 0.80 | 0.44 |
| 10061-02-6  | trans-1,3-Dichloropropene                        | 110.97           | 0.80   | U   | 0.80 | 0.16 |
| 79-00-5     | 1,1,2-Trichloroethane                            | 133.41           | 0.80   | U   | 0.80 | 0.14 |
| 127-18-4    | Tetrachloroethene                                | 165.83           | 79     | D   | 0.80 | 0.13 |
| 591-78-6    | Methyl Butyl Ketone<br>(2-Hexanone)              | 100.20           | 2.0    | U   | 2.0  | 0.19 |
| 124-48-1    | Dibromochloromethane                             | 208.28           | 0.80   | U   | 0.80 | 0.14 |
| 106-93-4    | 1,2-Dibromoethane                                | 187.87           | 0.80   | U   | 0.80 | 0.20 |
| 108-90-7    | Chlorobenzene                                    | 112.56           | 0.80   | U   | 0.80 | 0.22 |
| 100-41-4    | Ethylbenzene                                     | 106.17           | 5.9    | D   | 0.80 | 0.25 |
| 179601-23-1 | m,p-Xylene                                       | 106.17           | 30     | D   | 2.0  | 0.40 |
| 95-47-6     | o-Xylene                                         | 106.17           | 15     | D   | 0.80 | 0.19 |
| 100-42-5    | Styrene                                          | 104.15           | 0.80   | U   | 0.80 | 0.16 |
| 75-25-2     | Bromoform                                        | 252.75           | 0.80   | U   | 0.80 | 0.19 |
| 98-82-8     | Cumene                                           | 120.19           | 0.80   | U   | 0.80 | 0.14 |
| 79-34-5     | 1,1,2,2-Tetrachloroethane                        | 167.85           | 0.80   | U   | 0.80 | 0.17 |
| 103-65-1    | n-Propylbenzene                                  | 120.19           | 0.50   | J D | 0.80 | 0.16 |
| 622-96-8    | 4-Ethyltoluene                                   | 120.20           | 0.68   | J D | 0.80 | 0.16 |
| 108-67-8    | 1,3,5-Trimethylbenzene                           | 120.20           | 0.78   | J D | 0.80 | 0.16 |
| 95-49-8     | 2-Chlorotoluene                                  | 126.59           | 0.80   | U   | 0.80 | 0.17 |
| 98-06-6     | tert-Butylbenzene                                | 134.22           | 0.80   | U   | 0.80 | 0.14 |
| 95-63-6     | 1,2,4-Trimethylbenzene                           | 120.20           | 2.6    | D   | 0.80 | 0.18 |
| 135-98-8    | sec-Butylbenzene                                 | 134.22           | 0.80   | U   | 0.80 | 0.14 |
| 99-87-6     | 4-Isopropyltoluene                               | 134.22           | 0.33   | J D | 0.80 | 0.16 |
| 541-73-1    | 1,3-Dichlorobenzene                              | 147.00           | 0.80   | U   | 0.80 | 0.44 |
| 106-46-7    | 1,4-Dichlorobenzene                              | 147.00           | 0.80   | U   | 0.80 | 0.48 |

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

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-56451-1  
 SDG No.: 200-56451-1  
 Client Sample ID: SG-201 DL Lab Sample ID: 200-56451-1 DL  
 Matrix: Air Lab File ID: 44134-018.d  
 Analysis Method: TO-15 Date Collected: 12/09/2020 14:58  
 Sample wt/vol: 50 (mL) Date Analyzed: 12/18/2020 23:57  
 Soil Aliquot Vol:                      Dilution Factor: 4  
 Soil Extract Vol.:                      GC Column: RTX-624 ID: 0.32 (mm)  
 % Moisture:                      Level: (low/med) Low  
 Analysis Batch No.: 162240 Units: ppb v/v

| CAS NO.  | COMPOUND NAME          | MOLECULAR WEIGHT | RESULT | Q | RL   | MDL  |
|----------|------------------------|------------------|--------|---|------|------|
| 100-44-7 | Benzyl chloride        | 126.58           | 0.80   | U | 0.80 | 0.34 |
| 104-51-8 | n-Butylbenzene         | 134.22           | 0.80   | U | 0.80 | 0.16 |
| 95-50-1  | 1,2-Dichlorobenzene    | 147.00           | 0.80   | U | 0.80 | 0.39 |
| 120-82-1 | 1,2,4-Trichlorobenzene | 181.45           | 2.0    | U | 2.0  | 0.88 |
| 87-68-3  | Hexachlorobutadiene    | 260.76           | 0.80   | U | 0.80 | 0.30 |
| 91-20-3  | Naphthalene            | 128.17           | 2.0    | U | 2.0  | 0.68 |

Eurofins TestAmerica, Burlington  
Target Compound Quantitation Report

Data File: \\chromfs\Burlington\ChromData\CHW.i\20201218-44134.b\44134-018.d  
 Lims ID: 200-56451-A-1  
 Client ID: SG-201  
 Sample Type: Client  
 Inject. Date: 18-Dec-2020 23:57:30 ALS Bottle#: 17 Worklist Smp#: 18  
 Purge Vol: 200.000 mL Dil. Factor: 4.0000  
 Sample Info: 200-0044134-018  
 Operator ID: ggg Instrument ID: CHW.i  
 Method: \\chromfs\Burlington\ChromData\CHW.i\20201218-44134.b\TO15\_TO3\_MasterMethod\_W.m  
 Limit Group: AI\_TO15\_ICAL  
 Last Update: 21-Dec-2020 12:43:04 Calib Date: 11-Dec-2020 05:25:30  
 Integrator: RTE ID Type: Deconvolution ID  
 Quant Method: Internal Standard Quant By: Initial Calibration  
 Last ICal File: \\chromfs\Burlington\ChromData\CHW.i\20201210-44014.b\44014-016.d  
 Column 1 : RTX-624 ( 0.32 mm) Det: MS SCAN  
 Process Host: CTX1612

First Level Reviewer: bunmaa

Date: 21-Dec-2020 12:43:04

| Compound                           | Sig | RT (min.) | Adj RT (min.) | Dlt RT (min.) | Q   | Response | OnCol Amt ppb v/v | Flags |
|------------------------------------|-----|-----------|---------------|---------------|-----|----------|-------------------|-------|
| 2 Dichlorodifluoromethane          | 85  | 4.062     | 4.110         | -0.011        | 99  | 51295    | 0.1194            |       |
| 3 Chlorodifluoromethane            | 51  |           | 4.116         |               |     |          | ND                |       |
| 4 1,2-Dichloro-1,1,2,2-tetrafluoro | 85  |           | 4.469         |               |     |          | ND                |       |
| 5 Chloromethane                    | 50  | 4.549     | 4.549         | -0.011        | 56  | 15200    | 0.0995            | M     |
| 6 Vinyl chloride                   | 62  |           | 4.897         |               |     |          | ND                | U     |
| 7 Butane                           | 43  | 4.886     | 4.913         | -0.027        | 98  | 2883400  | 10.5              |       |
| 8 Butadiene                        | 54  | 5.003     | 5.041         | -0.022        | 98  | 228163   | 1.52              |       |
| 9 Bromomethane                     | 94  |           | 5.758         |               |     |          | ND                | 7     |
| 11 Chloroethane                    | 64  | 6.025     | 6.047         | -0.022        | 99  | 36266    | 0.4576            |       |
| 13 Vinyl bromide                   | 106 |           | 6.485         |               |     |          | ND                | 7     |
| 14 Trichlorofluoromethane          | 101 | 6.635     | 6.635         | -0.022        | 92  | 21920    | 0.0622            | M     |
| 20 1,1-Dichloroethene              | 96  | 7.737     | 7.737         | -0.016        | 77  | 11951    | 0.0876            | M     |
| 21 112TCTFE                        | 101 | 7.775     | 7.791         | -0.027        | 95  | 98937    | 0.3655            |       |
| 22 Acetone                         | 43  | 7.860     | 7.855         | 0.005         | 98  | 405360   | 2.16              |       |
| 24 Carbon disulfide                | 76  | 8.144     | 8.165         | -0.021        | 100 | 640581   | 1.72              |       |
| 23 Isopropyl alcohol               | 45  | 8.208     | 8.229         | 0.037         | 54  | 36054    | 0.1743            |       |
| 26 3-Chloro-1-propene              | 41  |           | 8.470         |               |     |          | ND                | U     |
| 27 Methylene Chloride              | 49  | 8.695     | 8.689         | -0.011        | 88  | 16798    | 0.1137            |       |
| 28 2-Methyl-2-propanol             | 59  |           | 8.941         |               |     |          | ND                | 7     |
| 30 trans-1,2-Dichloroethene        | 61  |           | 9.219         |               |     |          | ND                |       |
| 31 Methyl tert-butyl ether         | 73  |           | 9.230         |               |     |          | ND                | 7     |
| 32 Hexane                          | 57  | 9.722     | 9.717         | -0.011        | 93  | 298799   | 1.71              |       |
| 33 1,1-Dichloroethane              | 63  | 9.979     | 9.995         | -0.016        | 100 | 429184   | 1.77              |       |
| 36 2-Butanone (MEK)                | 72  | 11.006    | 10.995        | 0.021         | 97  | 23929    | 0.4212            |       |
| 37 cis-1,2-Dichloroethene          | 96  | 10.990    | 11.001        | -0.011        | 94  | 76454    | 0.5545            |       |
| * 39 Chlorobromomethane            | 128 | 11.407    | 11.423        | -0.016        | 89  | 914101   | 10.0              |       |
| 40 Tetrahydrofuran                 | 42  |           | 11.466        |               |     |          | ND                |       |
| 41 Chloroform                      | 83  | 11.583    | 11.589        | -0.017        | 72  | 13589    | 0.0483            |       |
| 42 1,1,1-Trichloroethane           | 97  | 11.894    | 11.910        | -0.016        | 96  | 640078   | 2.12              |       |
| 43 Cyclohexane                     | 84  | 12.038    | 12.033        | -0.006        | 88  | 47212    | 0.2833            |       |
| 44 Carbon tetrachloride            | 117 | 12.177    | 12.177        | -0.011        | 26  | 5321     | 0.0163            |       |
| 45 Benzene                         | 78  | 12.530    | 12.525        | -0.011        | 96  | 223103   | 0.5766            |       |

| Compound                       | Sig | RT (min.) | Adj RT (min.) | Dlt RT (min.) | Q   | Response | OnCol Amt ppb v/v | Flags |
|--------------------------------|-----|-----------|---------------|---------------|-----|----------|-------------------|-------|
| 46 1,2-Dichloroethane          | 62  |           | 12.616        |               |     |          | ND                |       |
| 47 Isooctane                   | 57  | 12.750    | 12.750        | -0.005        | 98  | 443767   | 0.7936            |       |
| 48 n-Heptane                   | 43  | 13.060    | 13.055        | -0.011        | 95  | 268630   | 1.29              |       |
| * 50 1,4-Difluorobenzene       | 114 | 13.274    | 13.285        | -0.011        | 94  | 4414810  | 10.0              |       |
| 51 Trichloroethene             | 95  | 13.707    | 13.712        | -0.011        | 99  | 182340   | 0.99              |       |
| 54 1,2-Dichloropropane         | 63  |           | 14.178        |               |     |          | ND                |       |
| 55 Methyl methacrylate         | 69  |           | 14.269        |               |     |          | ND                | U     |
| 56 1,4-Dioxane                 | 88  |           | 14.307        |               |     |          | ND                | 7     |
| 58 Dichlorobromomethane        | 83  |           | 14.649        |               |     |          | ND                |       |
| 60 cis-1,3-Dichloropropene     | 75  |           | 15.457        |               |     |          | ND                | 7     |
| 61 4-Methyl-2-pentanone (MIBK) | 43  | 15.724    | 15.724        | 0.010         | 96  | 29610    | 0.1033            | M     |
| 62 Toluene                     | 92  | 16.099    | 16.104        | 0.000         | 93  | 386153   | 1.47              |       |
| 64 trans-1,3-Dichloropropene   | 75  |           | 16.516        |               |     |          | ND                | 7     |
| 65 1,1,2-Trichloroethane       | 83  |           | 16.896        |               |     |          | ND                | U     |
| 66 Tetrachloroethene           | 166 | 17.088    | 17.083        | -0.001        | 97  | 5304927  | 19.7              |       |
| 67 2-Hexanone                  | 43  |           | 17.297        |               |     |          | ND                | MU    |
| 68 Chlorodibromomethane        | 129 |           | 17.634        |               |     |          | ND                |       |
| 69 Ethylene Dibromide          | 107 |           | 17.875        |               |     |          | ND                |       |
| * 70 Chlorobenzene-d5          | 117 | 18.790    | 18.790        | 0.000         | 87  | 3646652  | 10.0              |       |
| 71 Chlorobenzene               | 112 |           | 18.849        |               |     |          | ND                | 7     |
| 73 Ethylbenzene                | 91  | 19.041    | 19.041        | 0.000         | 99  | 871868   | 1.48              |       |
| 74 m-Xylene & p-Xylene         | 106 | 19.287    | 19.308        | -0.016        | 0   | 1734399  | 7.61              |       |
| 76 o-Xylene                    | 106 | 20.079    | 20.073        | 0.000         | 100 | 787679   | 3.65              |       |
| 78 Styrene                     | 104 |           | 20.116        |               |     |          | ND                | U     |
| 79 Bromoform                   | 173 |           | 20.464        |               |     |          | ND                |       |
| 80 Isopropylbenzene            | 105 |           | 20.774        |               |     |          | ND                | U     |
| 81 1,1,2,2-Tetrachloroethane   | 83  |           | 21.293        |               |     |          | ND                |       |
| 83 N-Propylbenzene             | 91  | 21.491    | 21.507        | 0.000         | 99  | 93022    | 0.1244            |       |
| 84 2-Chlorotoluene             | 91  |           | 21.641        |               |     |          | ND                | U     |
| 85 4-Ethyltoluene              | 105 | 21.689    | 21.700        | 0.000         | 96  | 105638   | 0.1706            |       |
| 86 1,3,5-Trimethylbenzene      | 105 | 21.785    | 21.785        | -0.001        | 93  | 102891   | 0.1948            |       |
| 89 tert-Butylbenzene           | 119 |           | 22.267        |               |     |          | ND                | U     |
| 90 1,2,4-Trimethylbenzene      | 105 | 22.352    | 22.353        | -0.001        | 97  | 336392   | 0.6383            |       |
| 91 sec-Butylbenzene            | 105 | 22.593    | 22.593        | 0.000         | 95  | 14584    | 0.0186            | M     |
| 92 1,3-Dichlorobenzene         | 146 |           | 22.765        |               |     |          | ND                | 7     |
| 93 4-Isopropyltoluene          | 119 | 22.807    | 22.807        | 0.000         | 97  | 54740    | 0.0815            |       |
| 94 1,4-Dichlorobenzene         | 146 |           | 22.909        |               |     |          | ND                | 7     |
| 95 Benzyl chloride             | 91  |           | 23.053        |               |     |          | ND                |       |
| 96 n-Butylbenzene              | 91  | 23.358    | 23.358        | -0.006        | 91  | 20624    | 0.0355            | M     |
| 97 1,2-Dichlorobenzene         | 146 |           | 23.396        |               |     |          | ND                | 7     |
| 100 1,2,4-Trichlorobenzene     | 180 |           | 25.835        |               |     |          | ND                | 7     |
| 101 Hexachlorobutadiene        | 225 |           | 26.076        |               |     |          | ND                |       |
| 102 Naphthalene                | 128 | 26.311    | 26.317        | 0.000         | 99  | 37449    | 0.0894            |       |

### QC Flag Legend

Processing Flags

7 - Failed Limit of Detection

Review Flags

M - Manually Integrated

U - Marked Undetected

**Reagents:**

ATTO15WISs\_00009

Amount Added: 20.00

Units: mL

Run Reagent

Report Date: 21-Dec-2020 12:43:04

Chrom Revision: 2.3 09-Dec-2020 16:22:14

Eurofins TestAmerica, Burlington

Data File: \\chromfs\Burlington\ChromData\CHW.i\20201218-44134.b\44134-018.d

Injection Date: 18-Dec-2020 23:57:30

Instrument ID: CHW.i

Operator ID: ggg

Lims ID: 200-56451-A-1

Lab Sample ID: 200-56451-1

Worklist Smp#: 18

Client ID: SG-201

Purge Vol: 200.000 mL

Dil. Factor: 4.0000

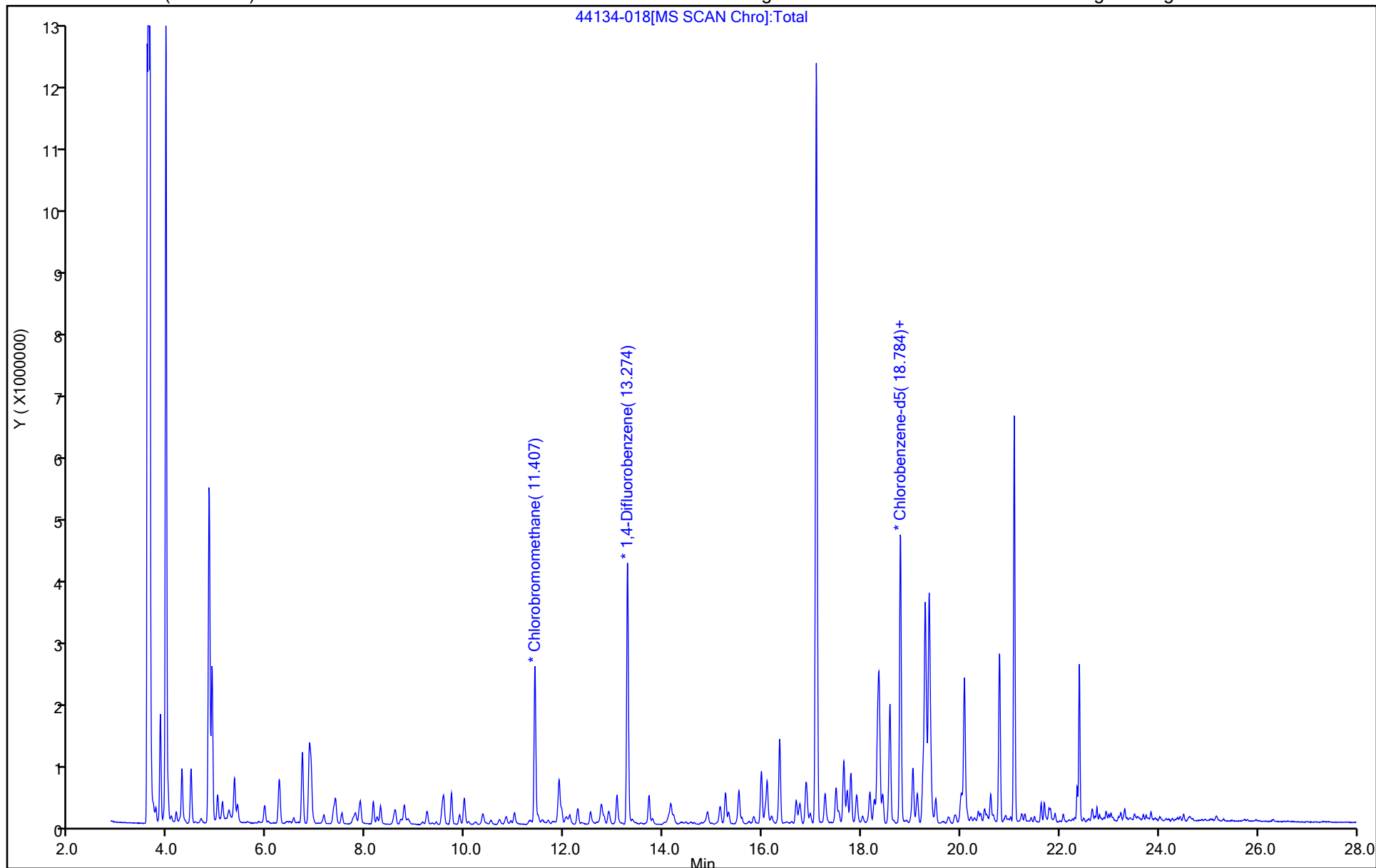
ALS Bottle#: 17

Method: TO15\_TO3\_MasterMethod\_W

Limit Group: AI\_TO15\_ICAL

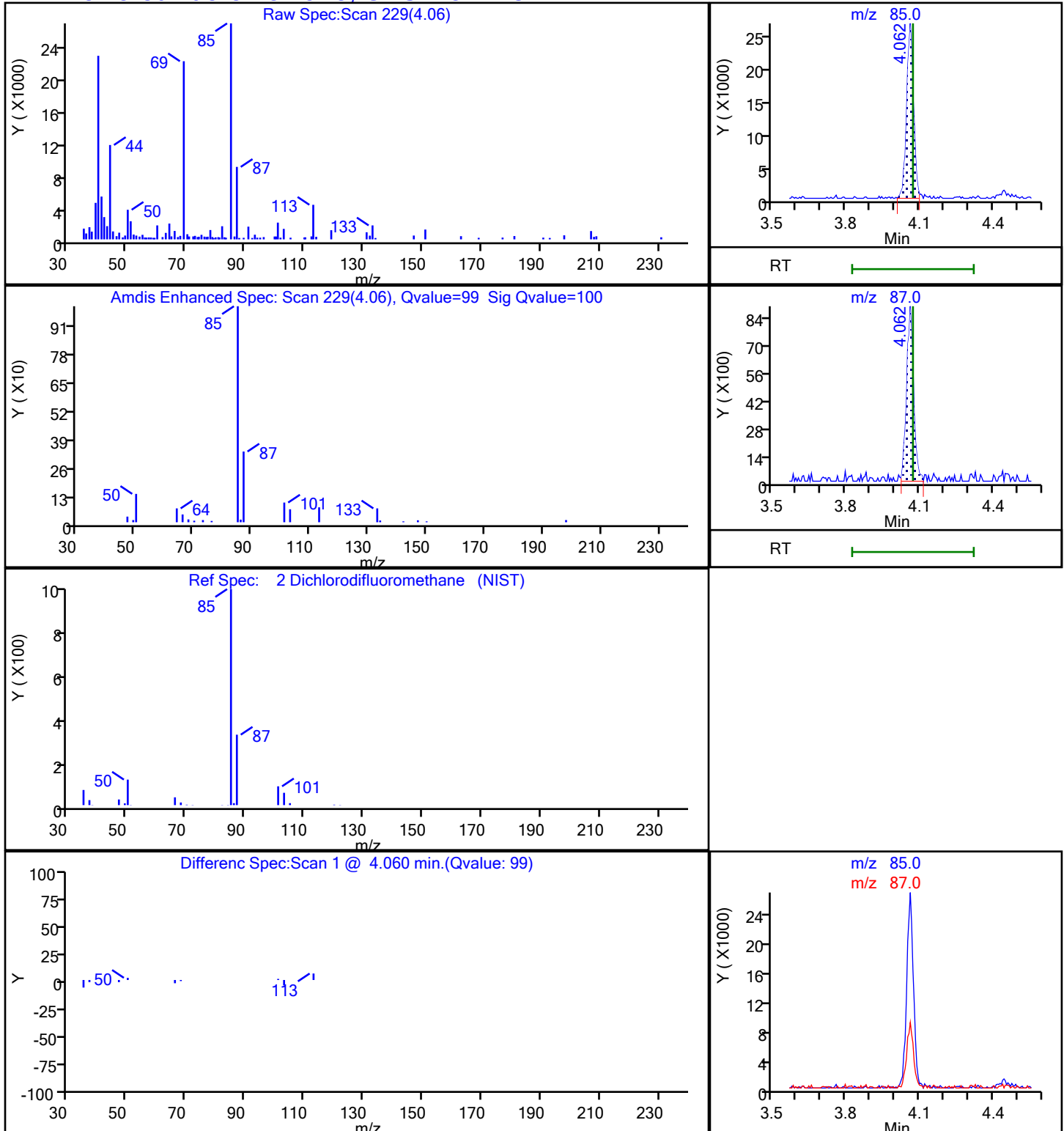
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Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



## Eurofins TestAmerica, Burlington

Data File: \\chromfs\Burlington\ChromData\CHW.i\20201218-44134.b\44134-018.d  
Injection Date: 18-Dec-2020 23:57:30 Instrument ID: CHW.i  
Lims ID: 200-56451-A-1 Lab Sample ID: 200-56451-1  
Client ID: SG-201  
Operator ID: ggg ALS Bottle#: 17 Worklist Smp#: 18  
Purge Vol: 200.000 mL Dil. Factor: 4.0000  
Method: TO15\_TO3\_MasterMethod\_W Limit Group: AI\_TO15\_ICAL  
Column: RTX-624 ( 0.32 mm) Detector MS SCAN

**2 Dichlorodifluoromethane, CAS: 75-71-8**



Eurofins TestAmerica, Burlington

Data File: \\chromfs\Burlington\ChromData\CHW.i\20201218-44134.b\44134-018.d

Injection Date: 18-Dec-2020 23:57:30

Instrument ID: CHW.i

Lims ID: 200-56451-A-1

Lab Sample ID: 200-56451-1

Client ID: SG-201

Operator ID: ggg

ALS Bottle#: 17

Worklist Smp#: 18

Purge Vol: 200.000 mL

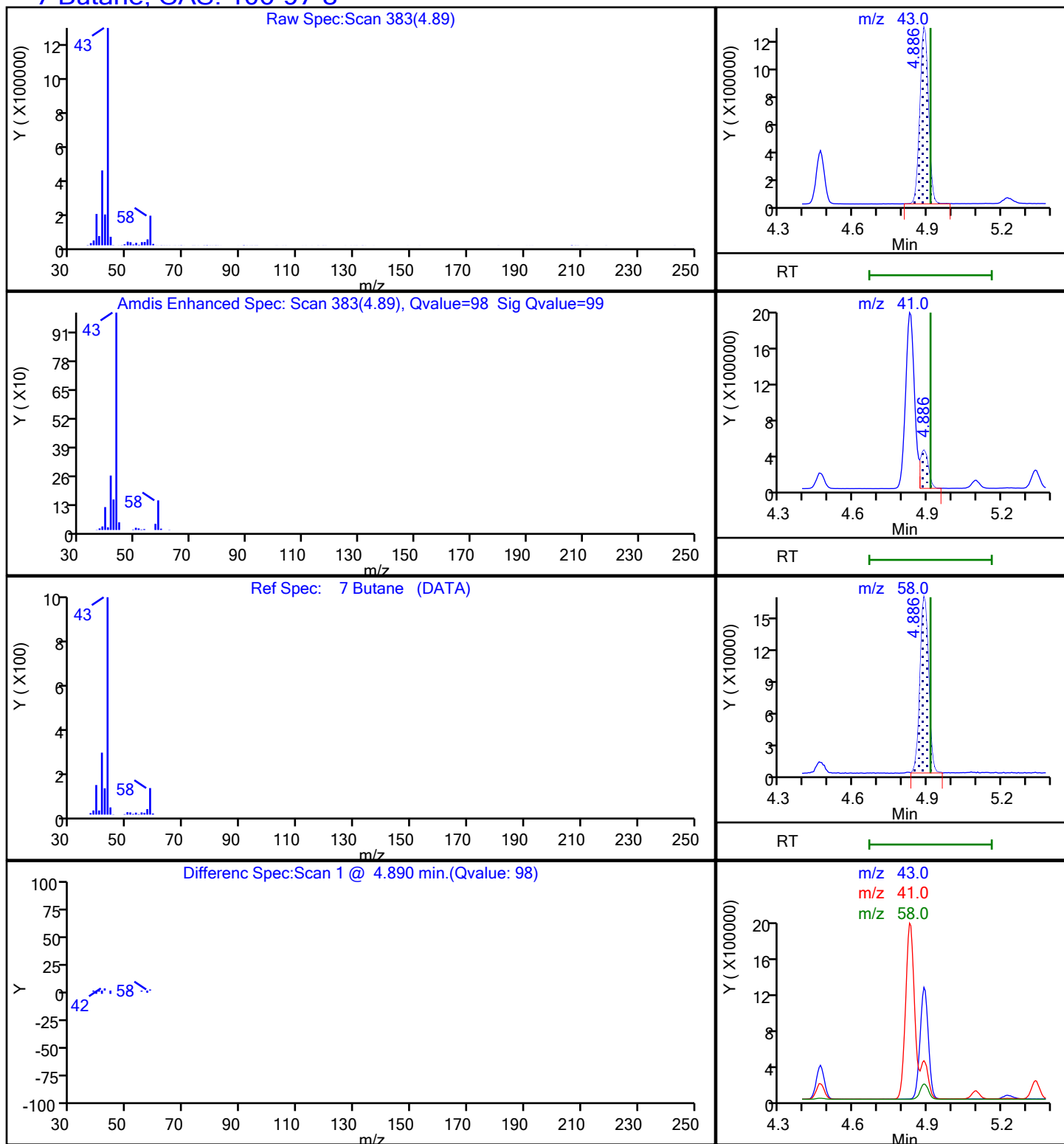
Dil. Factor: 4.0000

Method: TO15\_TO3\_MasterMethod\_W

Limit Group: AI\_TO15\_ICAL

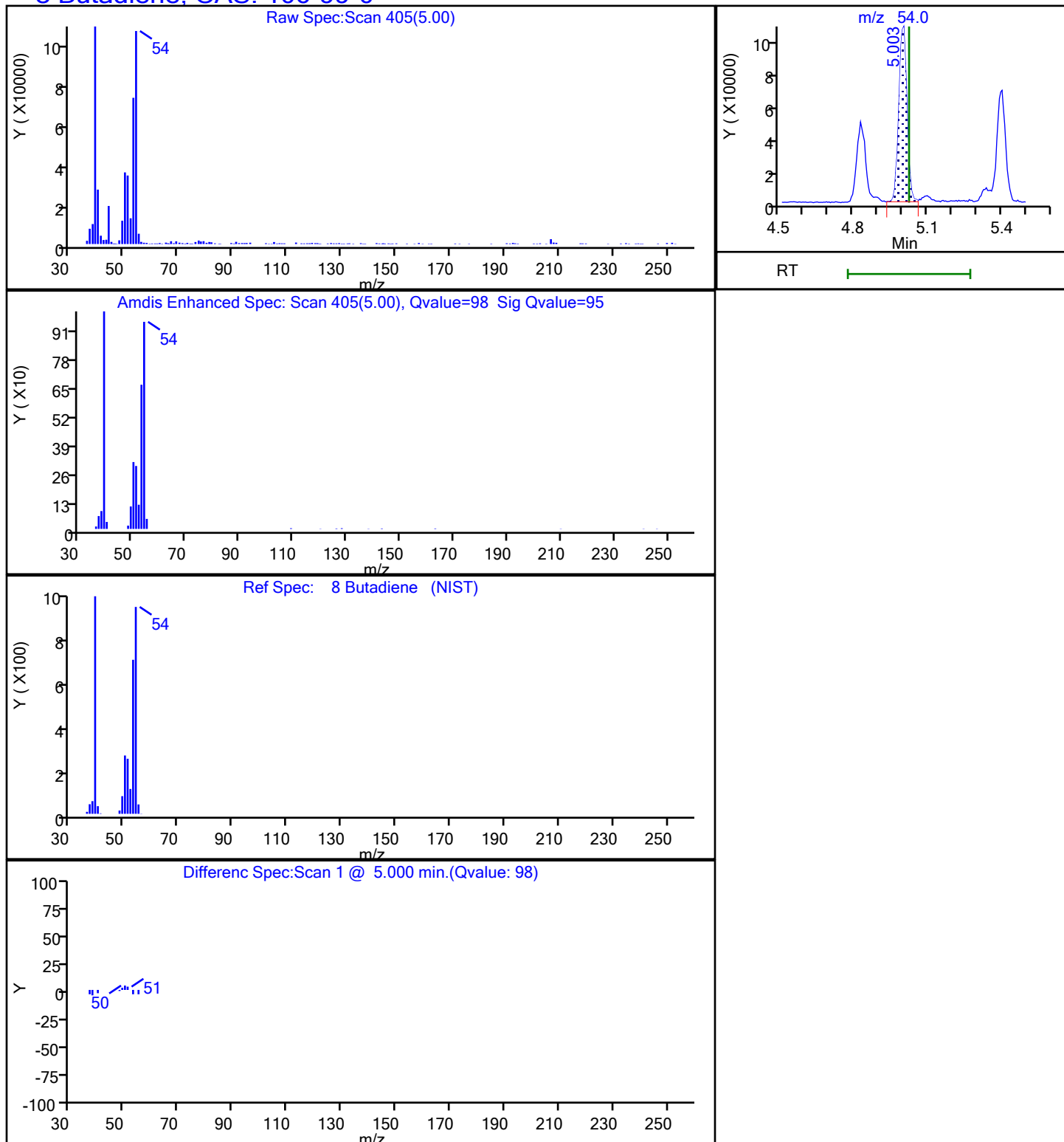
Column: RTX-624 ( 0.32 mm)

Detector: MS SCAN

**7 Butane, CAS: 106-97-8**

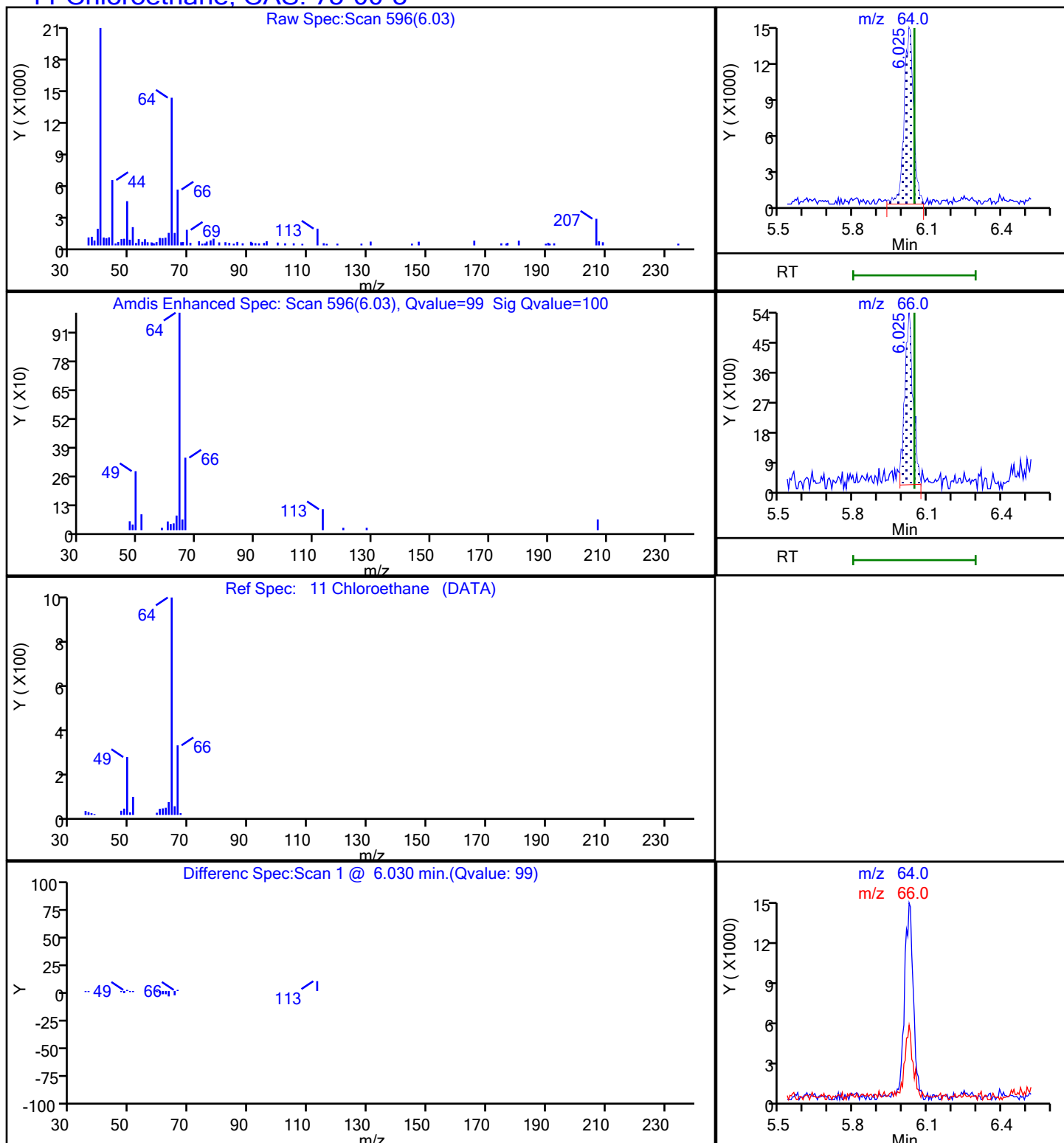
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Lims ID: 200-56451-A-1 Lab Sample ID: 200-56451-1  
Client ID: SG-201  
Operator ID: ggg ALS Bottle#: 17 Worklist Smp#: 18  
Purge Vol: 200.000 mL Dil. Factor: 4.0000  
Method: TO15\_TO3\_MasterMethod\_W Limit Group: AI\_TO15\_ICAL  
Column: RTX-624 ( 0.32 mm) Detector MS SCAN

**8 Butadiene, CAS: 106-99-0**

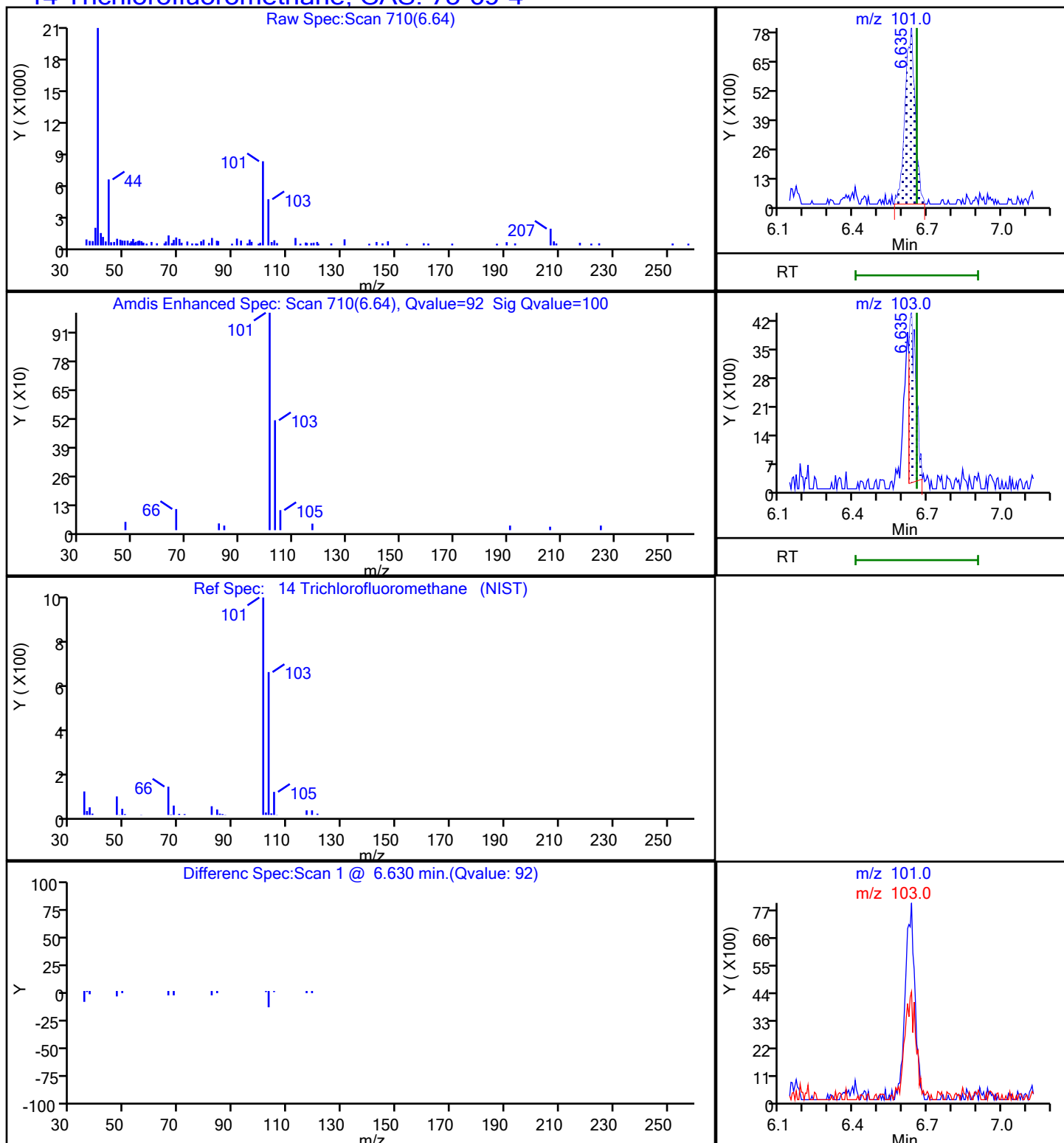
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Client ID: SG-201  
Operator ID: ggg ALS Bottle#: 17 Worklist Smp#: 18  
Purge Vol: 200.000 mL Dil. Factor: 4.0000  
Method: TO15\_TO3\_MasterMethod\_W Limit Group: AI\_TO15\_ICAL  
Column: RTX-624 ( 0.32 mm) Detector: MS SCAN

**11 Chloroethane, CAS: 75-00-3**

## Eurofins TestAmerica, Burlington

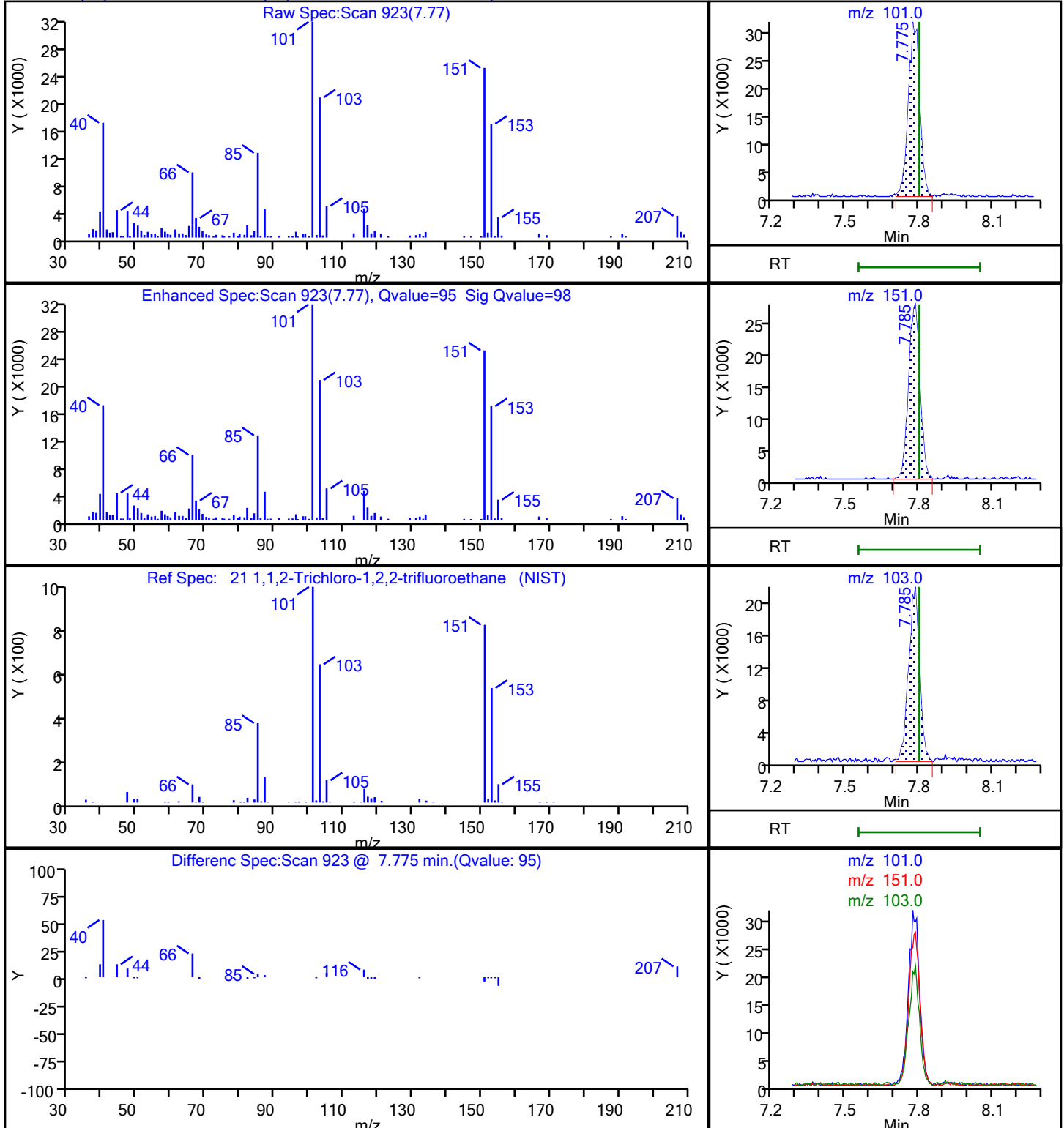
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Lims ID: 200-56451-A-1 Lab Sample ID: 200-56451-1  
Client ID: SG-201  
Operator ID: ggg ALS Bottle#: 17 Worklist Smp#: 18  
Purge Vol: 200.000 mL Dil. Factor: 4.0000  
Method: TO15\_TO3\_MasterMethod\_W Limit Group: AI\_TO15\_ICAL  
Column: RTX-624 ( 0.32 mm) Detector MS SCAN

**14 Trichlorofluoromethane, CAS: 75-69-4**

## Eurofins TestAmerica, Burlington

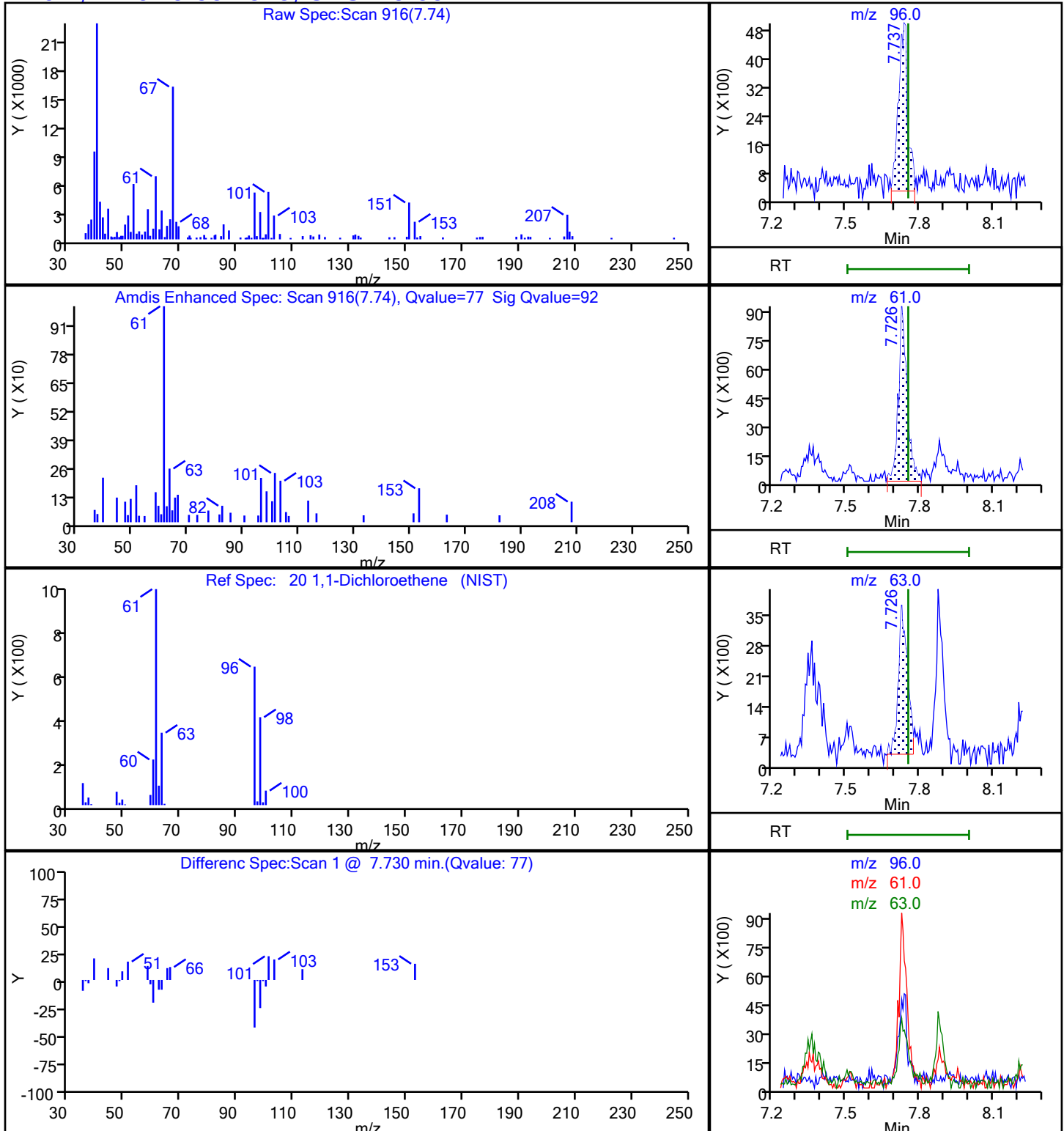
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Injection Date: 18-Dec-2020 23:57:30 Instrument ID: CHW.i  
Lims ID: 200-56451-A-1 Lab Sample ID: 200-56451-1  
Client ID: SG-201  
Operator ID: ggg ALS Bottle#: 17 Worklist Smp#: 18  
Purge Vol: 200.000 mL Dil. Factor: 4.0000  
Method: TO15\_TO3\_MasterMethod\_W Limit Group: AI\_TO15\_ICAL  
Column: RTX-624 ( 0.32 mm) Detector MS SCAN

## 21 1,1,2-Trichloro-1,2,2-trifluoroethane, CAS: 76-13-1



## Eurofins TestAmerica, Burlington

Data File: \\chromfs\Burlington\ChromData\CHW.i\20201218-44134.b\44134-018.d  
Injection Date: 18-Dec-2020 23:57:30 Instrument ID: CHW.i  
Lims ID: 200-56451-A-1 Lab Sample ID: 200-56451-1  
Client ID: SG-201  
Operator ID: ggg ALS Bottle#: 17 Worklist Smp#: 18  
Purge Vol: 200.000 mL Dil. Factor: 4.0000  
Method: TO15\_TO3\_MasterMethod\_W Limit Group: AI\_TO15\_ICAL  
Column: RTX-624 ( 0.32 mm) Detector MS SCAN

**20 1,1-Dichloroethene, CAS: 75-35-4**

## Eurofins TestAmerica, Burlington

Data File: \\chromfs\Burlington\ChromData\CHW.i\20201218-44134.b\44134-018.d

Injection Date: 18-Dec-2020 23:57:30

Instrument ID: CHW.i

Lims ID: 200-56451-A-1

Lab Sample ID: 200-56451-1

Client ID: SG-201

Operator ID: ggg

ALS Bottle#: 17

Worklist Smp#: 18

Purge Vol: 200.000 mL

Dil. Factor: 4.0000

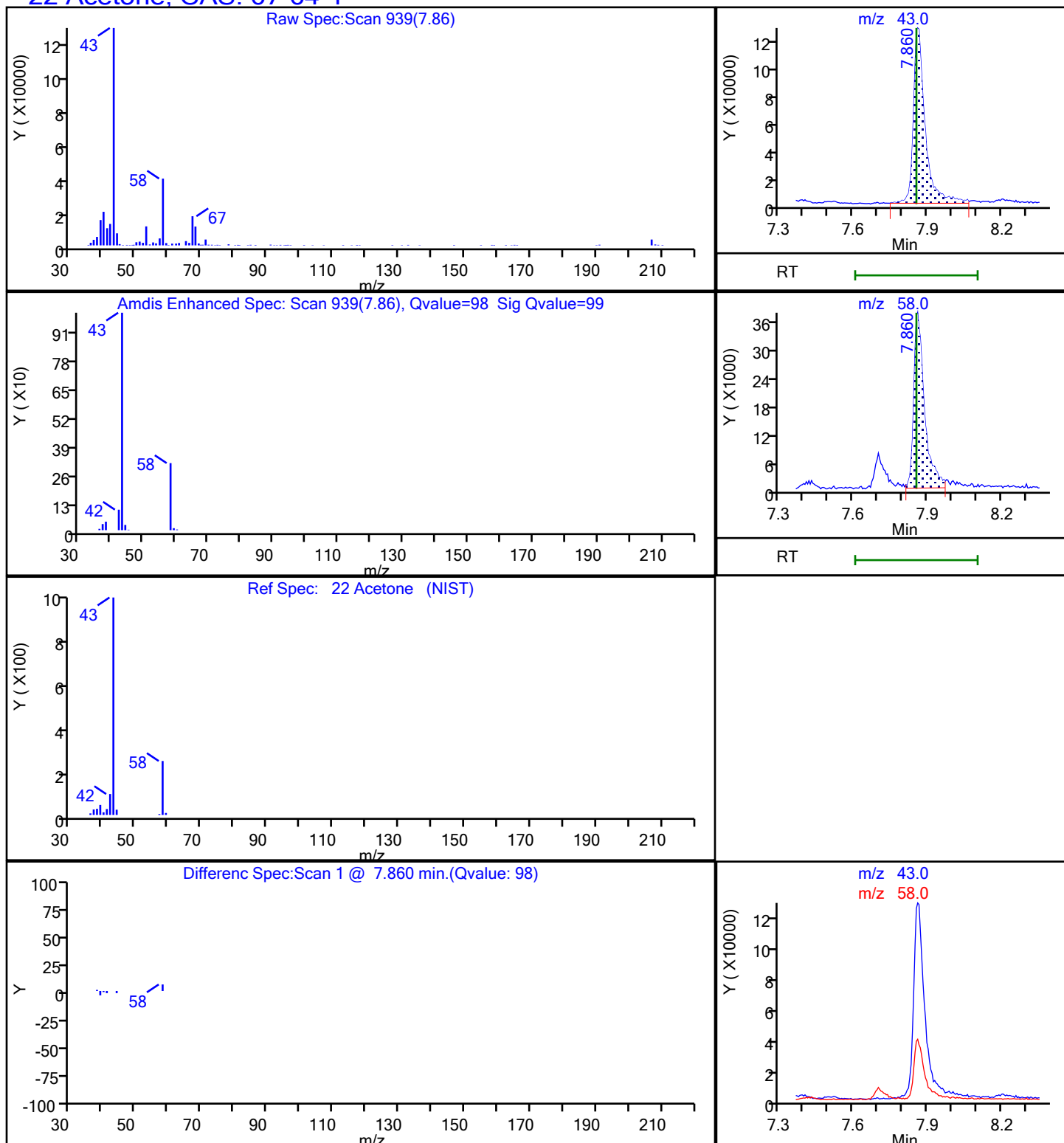
Method: TO15\_TO3\_MasterMethod\_W

Limit Group: AI\_TO15\_ICAL

Column: RTX-624 ( 0.32 mm)

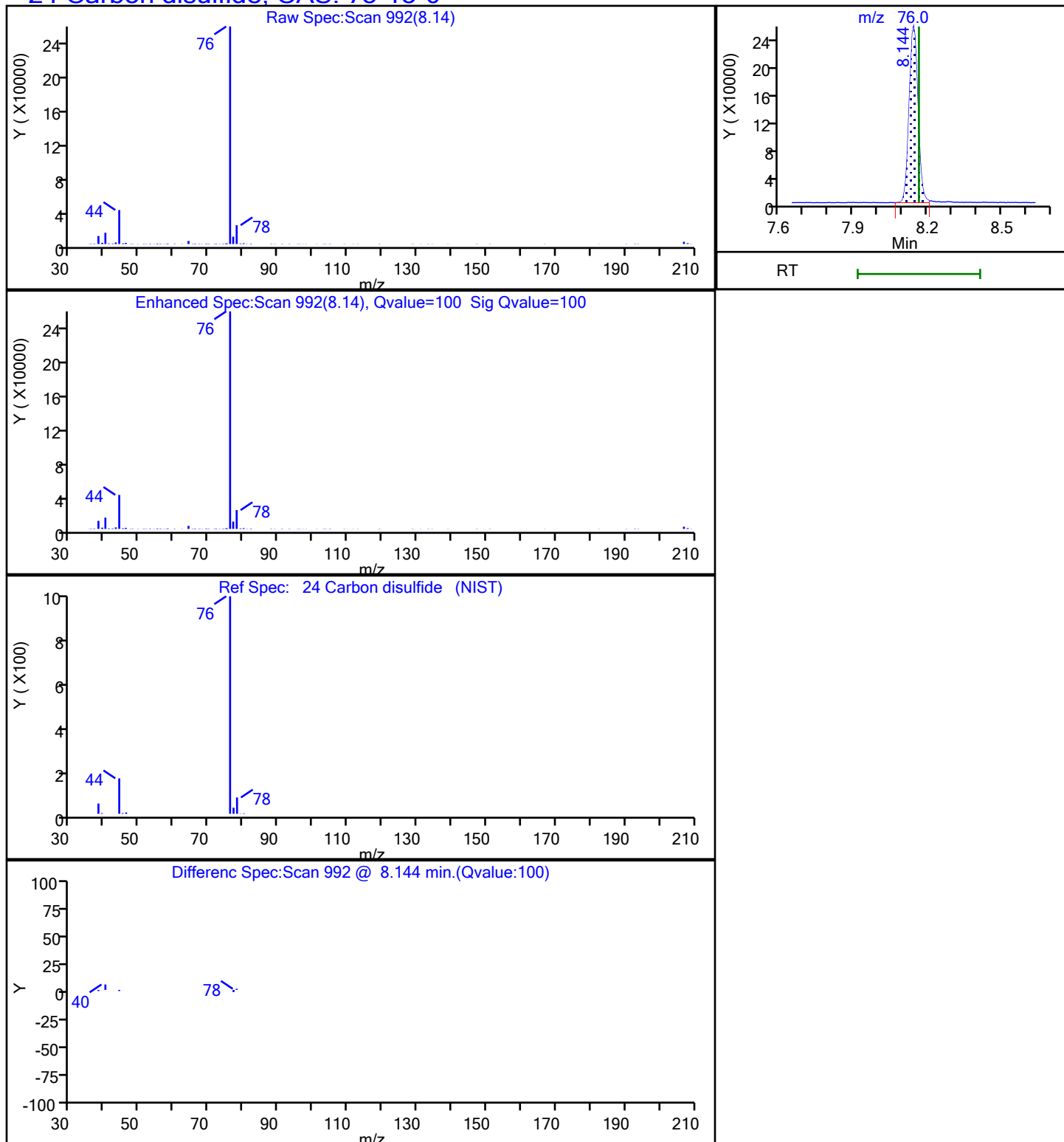
Detector: MS SCAN

## 22 Acetone, CAS: 67-64-1



## Eurofins TestAmerica, Burlington

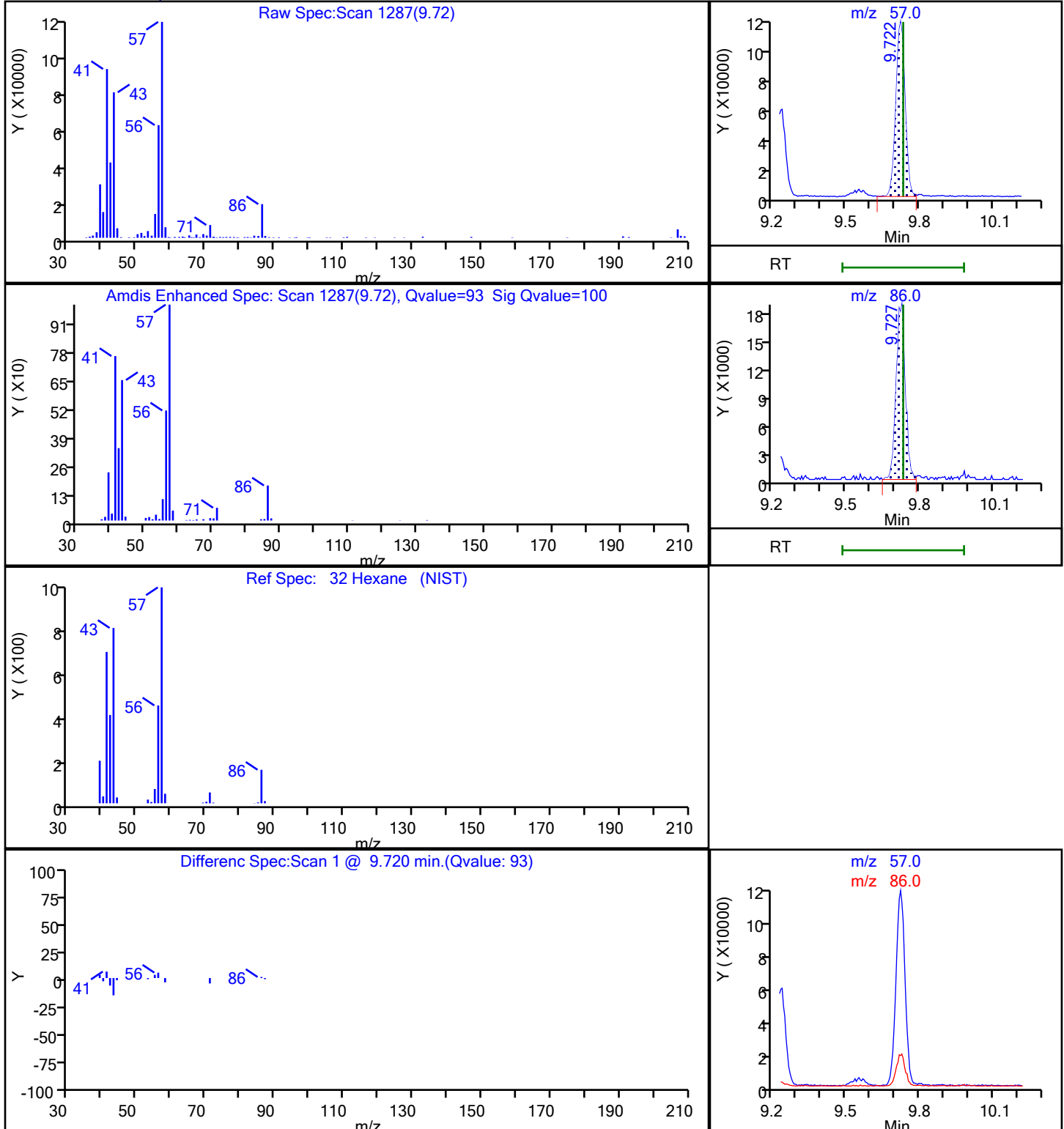
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Lims ID: 200-56451-A-1 Lab Sample ID: 200-56451-1  
Client ID: SG-201  
Operator ID: ggg ALS Bottle#: 17 Worklist Smp#: 18  
Purge Vol: 200.000 mL Dil. Factor: 4.0000  
Method: TO15\_TO3\_MasterMethod\_W Limit Group: AI\_TO15\_ICAL  
Column: RTX-624 ( 0.32 mm) Detector MS SCAN

**24 Carbon disulfide, CAS: 75-15-0**



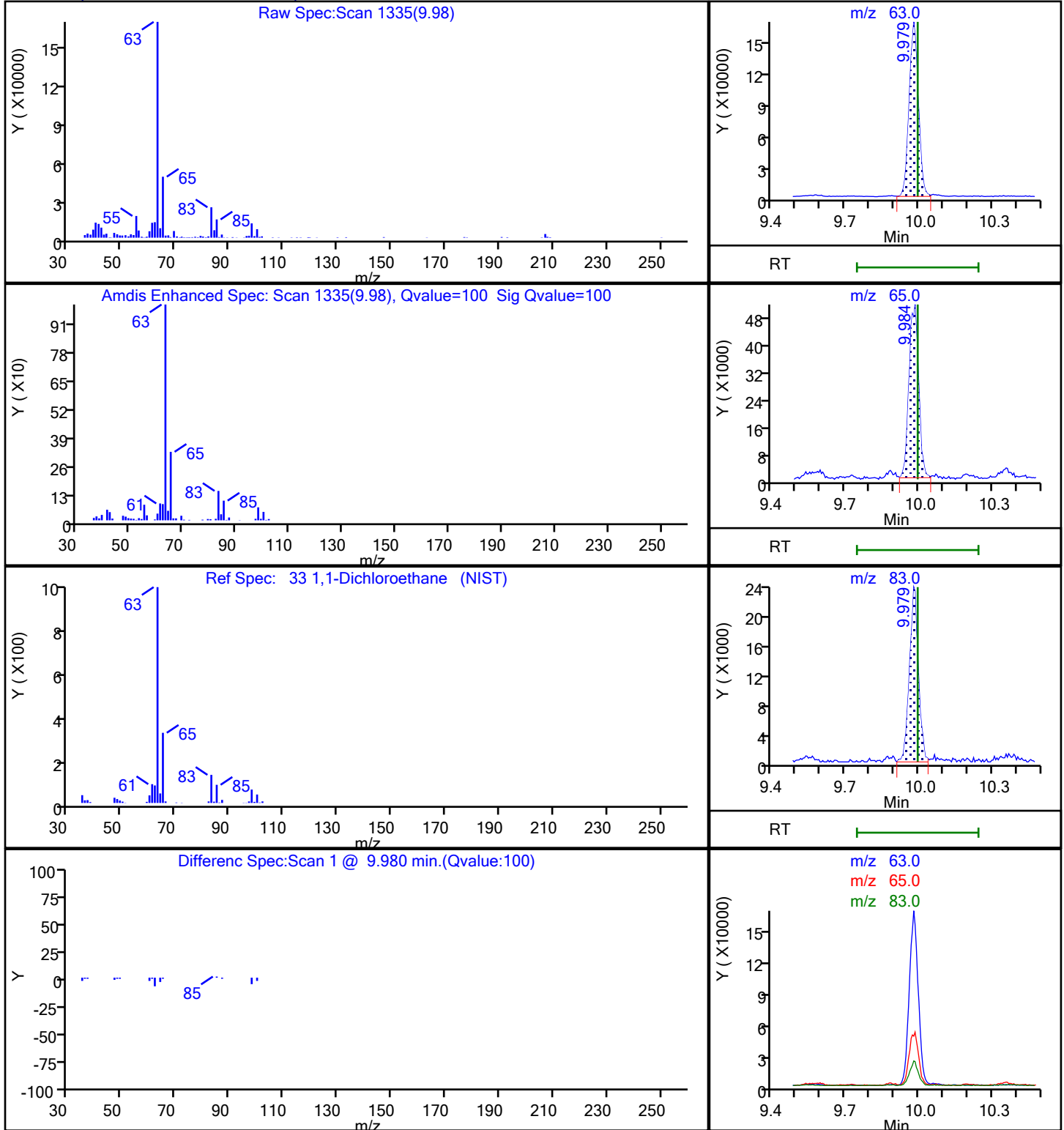
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Lims ID: 200-56451-A-1 Lab Sample ID: 200-56451-1  
Client ID: SG-201  
Operator ID: ggg ALS Bottle#: 17 Worklist Smp#: 18  
Purge Vol: 200.000 mL Dil. Factor: 4.0000  
Method: TO15\_TO3\_MasterMethod\_W Limit Group: AI\_TO15\_ICAL  
Column: RTX-624 ( 0.32 mm) Detector: MS SCAN

**32 Hexane, CAS: 110-54-3**

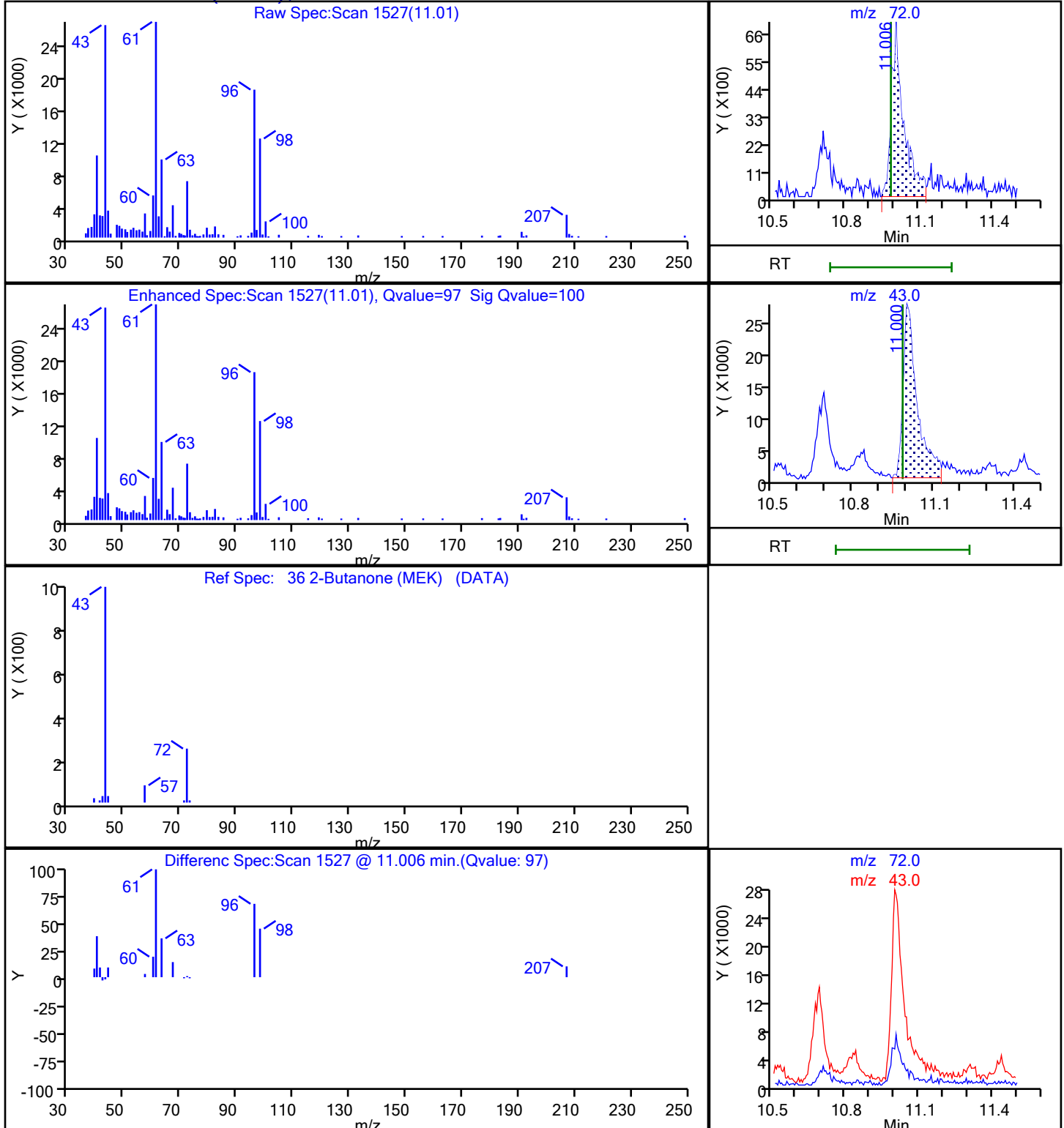
Eurofins TestAmerica, Burlington

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Lims ID: 200-56451-A-1 Lab Sample ID: 200-56451-1  
Client ID: SG-201  
Operator ID: ggg ALS Bottle#: 17 Worklist Smp#: 18  
Purge Vol: 200.000 mL Dil. Factor: 4.0000  
Method: TO15\_TO3\_MasterMethod\_W Limit Group: AI\_TO15\_ICAL  
Column: RTX-624 ( 0.32 mm) Detector MS SCAN

**33 1,1-Dichloroethane, CAS: 75-34-3**

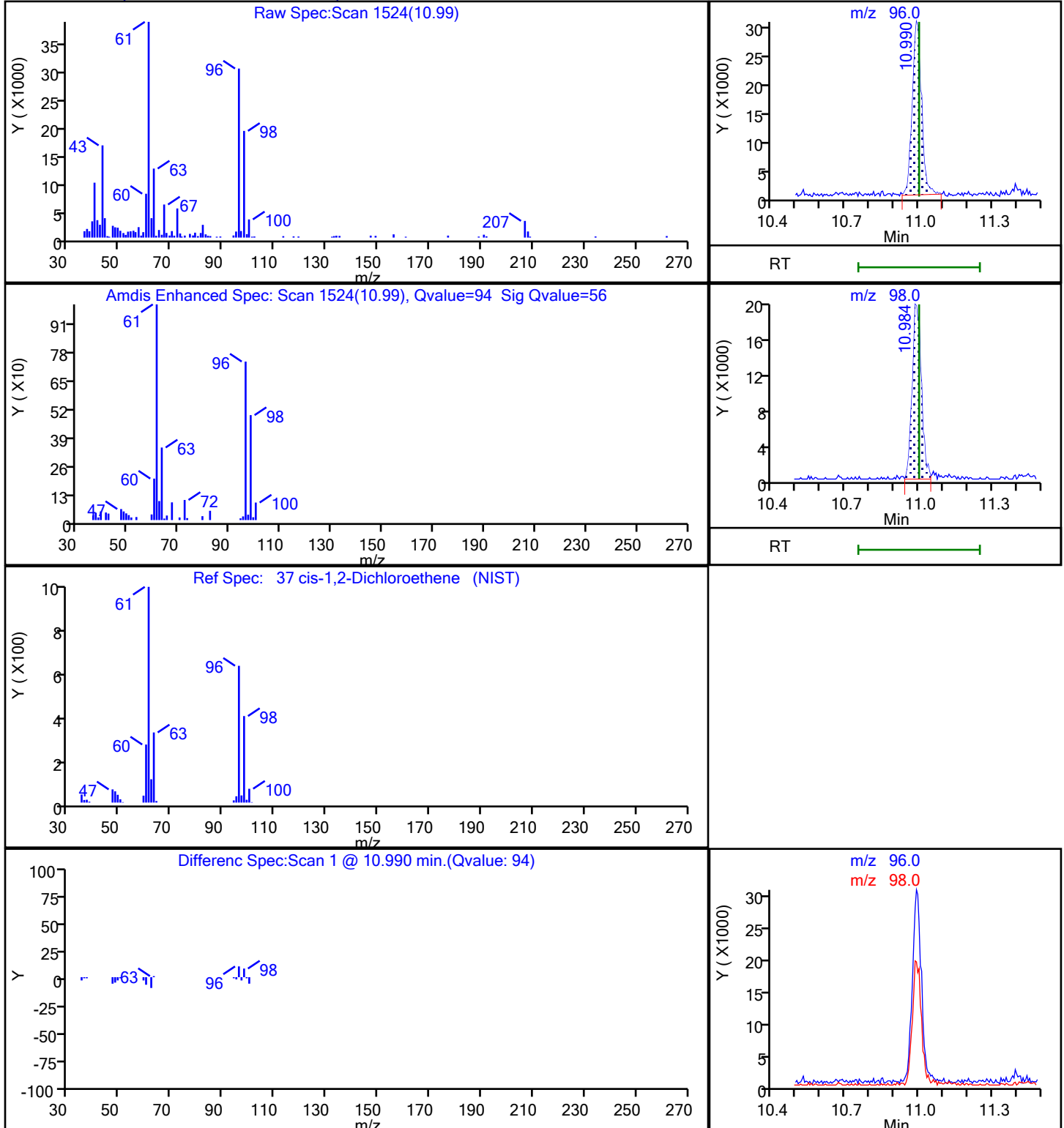
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Client ID: SG-201  
Operator ID: ggg ALS Bottle#: 17 Worklist Smp#: 18  
Purge Vol: 200.000 mL Dil. Factor: 4.0000  
Method: TO15\_TO3\_MasterMethod\_W Limit Group: AI\_TO15\_ICAL  
Column: RTX-624 ( 0.32 mm) Detector MS SCAN

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

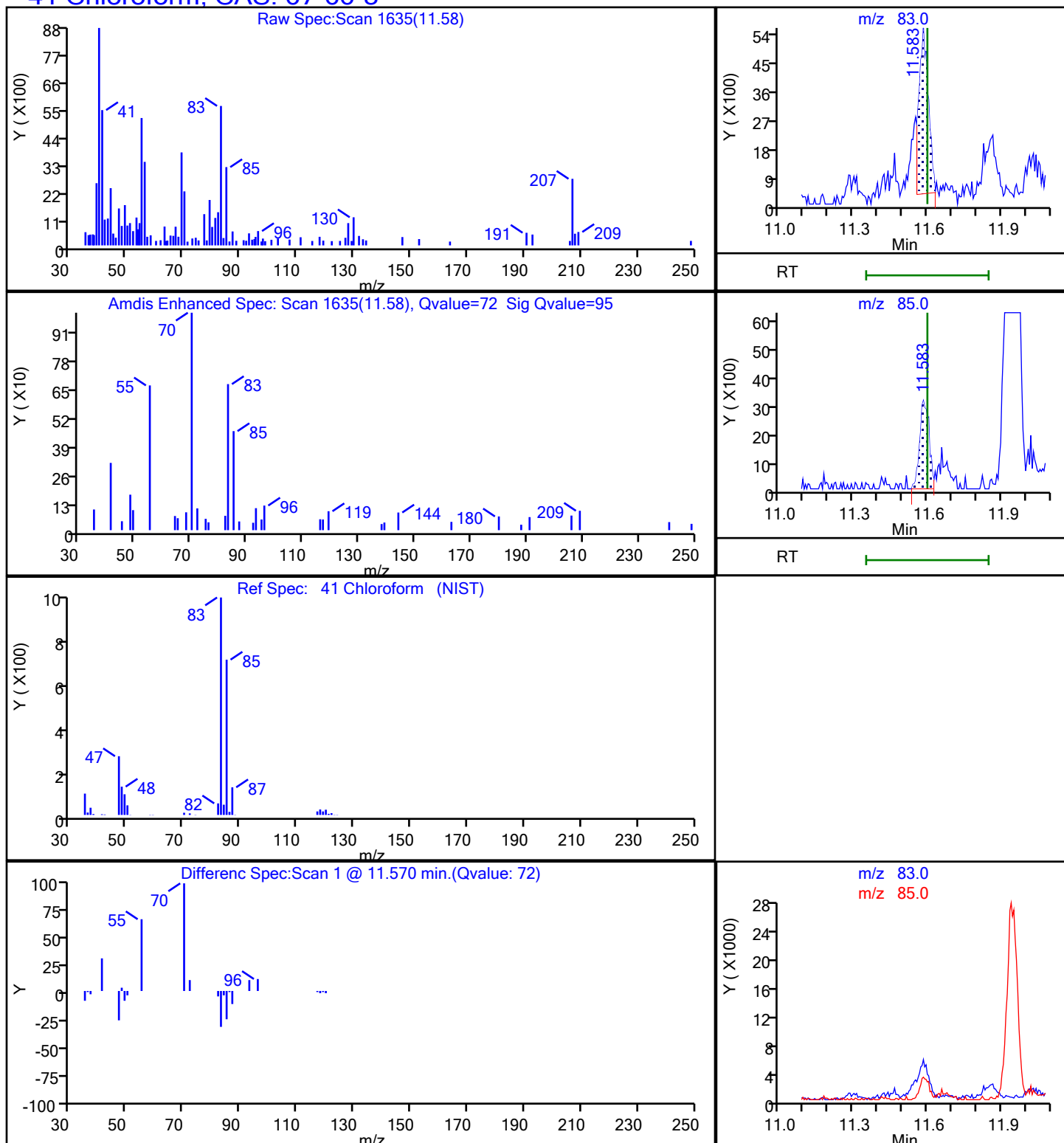
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Client ID: SG-201  
Operator ID: ggg ALS Bottle#: 17 Worklist Smp#: 18  
Purge Vol: 200.000 mL Dil. Factor: 4.0000  
Method: TO15\_TO3\_MasterMethod\_W Limit Group: AI\_TO15\_ICAL  
Column: RTX-624 ( 0.32 mm) Detector MS SCAN

**37 cis-1,2-Dichloroethene, CAS: 156-59-2**

## Eurofins TestAmerica, Burlington

Data File: \\chromfs\Burlington\ChromData\CHW.i\20201218-44134.b\44134-018.d  
Injection Date: 18-Dec-2020 23:57:30 Instrument ID: CHW.i  
Lims ID: 200-56451-A-1 Lab Sample ID: 200-56451-1  
Client ID: SG-201  
Operator ID: ggg ALS Bottle#: 17 Worklist Smp#: 18  
Purge Vol: 200.000 mL Dil. Factor: 4.0000  
Method: TO15\_TO3\_MasterMethod\_W Limit Group: AI\_TO15\_ICAL  
Column: RTX-624 ( 0.32 mm) Detector MS SCAN

**41 Chloroform, CAS: 67-66-3**

Eurofins TestAmerica, Burlington

Data File: \\chromfs\Burlington\ChromData\CHW.i\20201218-44134.b\44134-018.d

Injection Date: 18-Dec-2020 23:57:30

Instrument ID: CHW.i

Lims ID: 200-56451-A-1

Lab Sample ID: 200-56451-1

Client ID: SG-201

Operator ID: ggg

ALS Bottle#: 17

Worklist Smp#: 18

Purge Vol: 200.000 mL

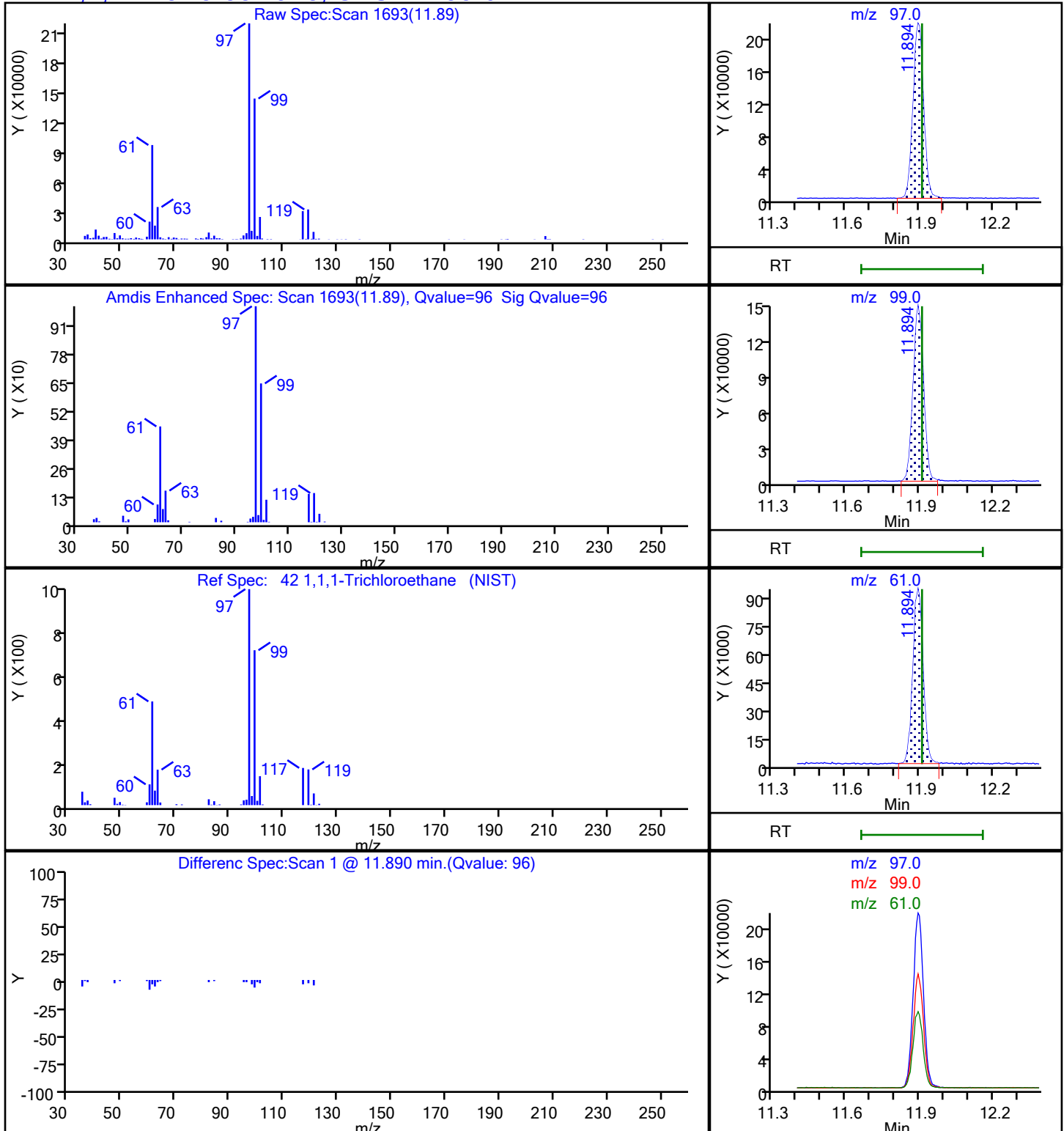
Dil. Factor: 4.0000

Method: TO15\_TO3\_MasterMethod\_W

Limit Group: AI\_TO15\_ICAL

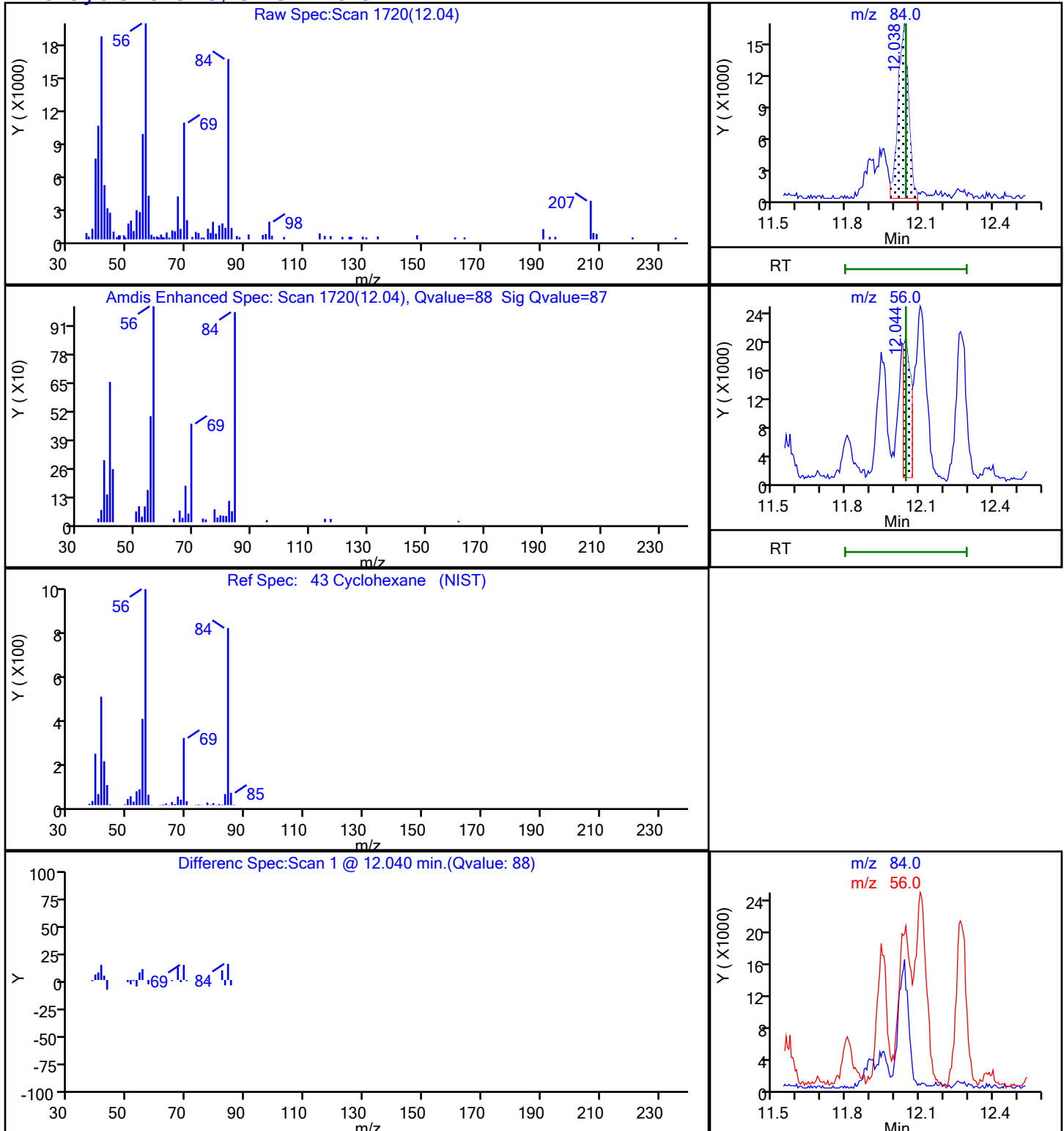
Column: RTX-624 ( 0.32 mm)

Detector: MS SCAN

**42 1,1,1-Trichloroethane, CAS: 71-55-6**

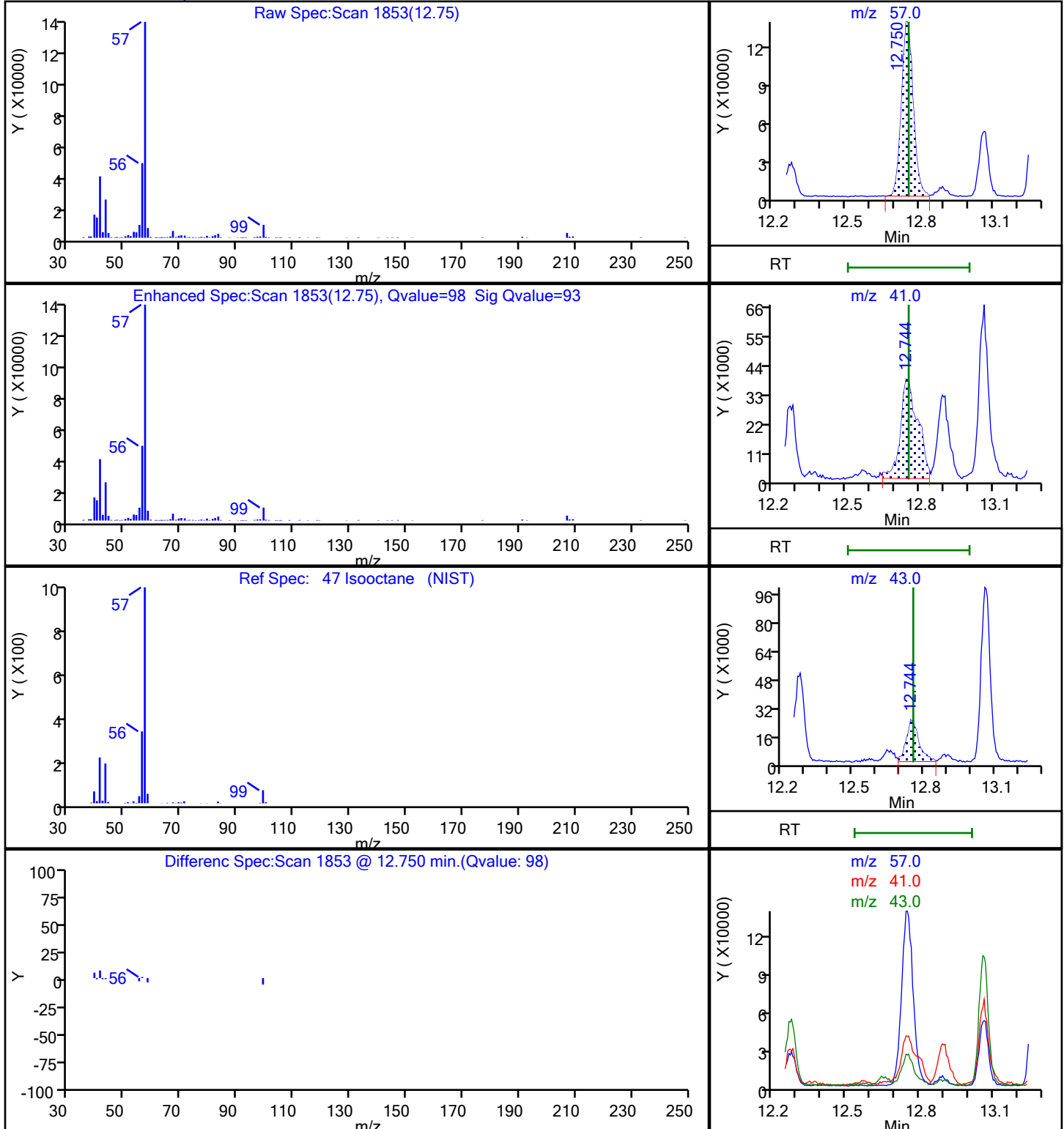
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Lims ID: 200-56451-A-1 Lab Sample ID: 200-56451-1  
Client ID: SG-201  
Operator ID: ggg ALS Bottle#: 17 Worklist Smp#: 18  
Purge Vol: 200.000 mL Dil. Factor: 4.0000  
Method: TO15\_TO3\_MasterMethod\_W Limit Group: AI\_TO15\_ICAL  
Column: RTX-624 ( 0.32 mm) Detector: MS SCAN

**43 Cyclohexane, CAS: 110-82-7**

Eurofins TestAmerica, Burlington

Data File: \\chromfs\Burlington\ChromData\CHW.i\20201218-44134.b\44134-018.d  
Injection Date: 18-Dec-2020 23:57:30 Instrument ID: CHW.i  
Lims ID: 200-56451-A-1 Lab Sample ID: 200-56451-1  
Client ID: SG-201  
Operator ID: ggg ALS Bottle#: 17 Worklist Smp#: 18  
Purge Vol: 200.000 mL Dil. Factor: 4.0000  
Method: TO15\_TO3\_MasterMethod\_W Limit Group: AI\_TO15\_ICAL  
Column: RTX-624 ( 0.32 mm) Detector MS SCAN

**47 Isooctane, CAS: 540-84-1**



## Eurofins TestAmerica, Burlington

Data File: \\chromfs\Burlington\ChromData\CHW.i\20201218-44134.b\44134-018.d

Injection Date: 18-Dec-2020 23:57:30

Instrument ID: CHW.i

Lims ID: 200-56451-A-1

Lab Sample ID: 200-56451-1

Client ID: SG-201

Operator ID: ggg

ALS Bottle#: 17

Worklist Smp#: 18

Purge Vol: 200.000 mL

Dil. Factor: 4.0000

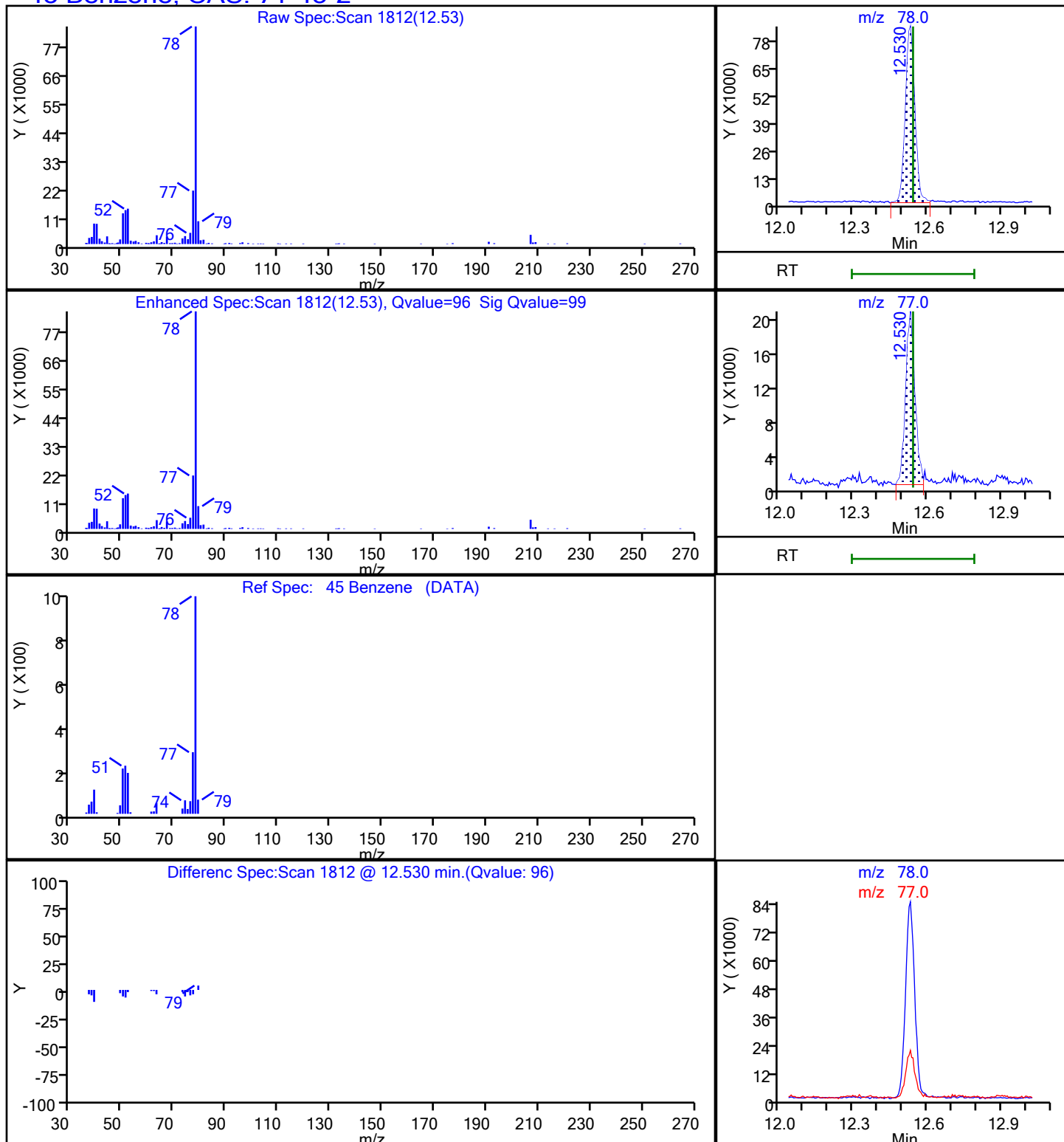
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Limit Group: AI\_TO15\_ICAL

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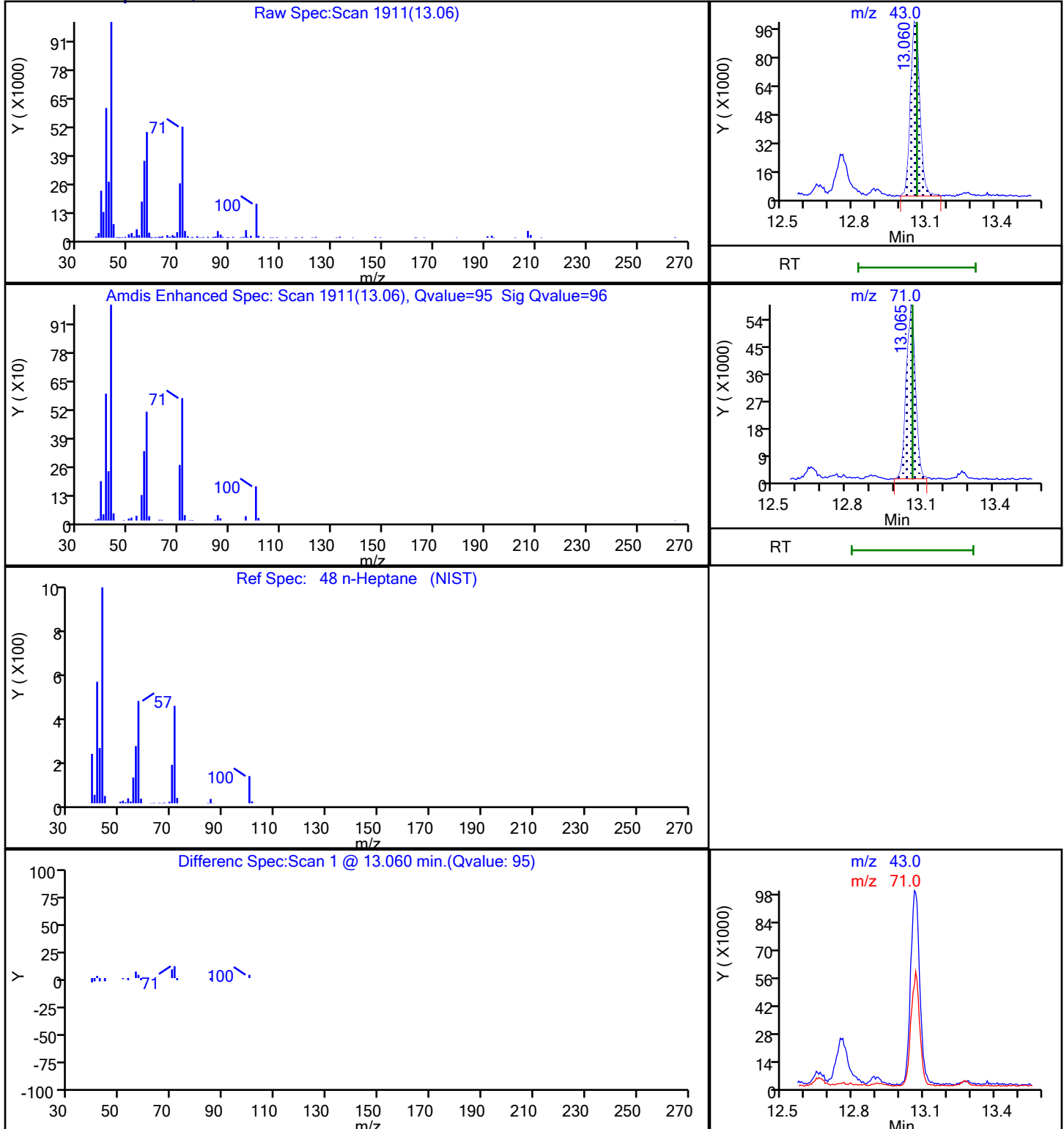
Detector: MS SCAN

## 45 Benzene, CAS: 71-43-2



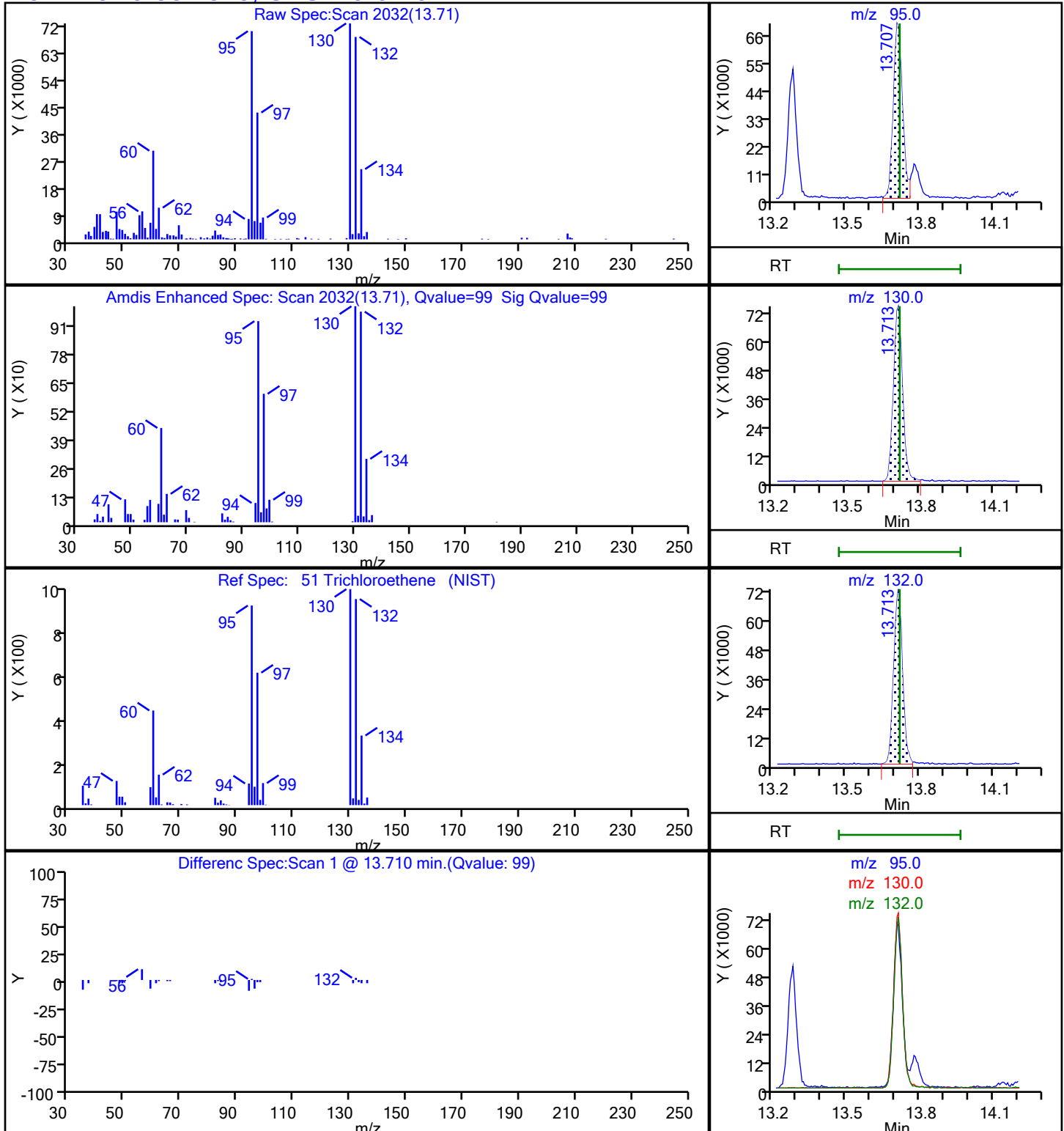
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Injection Date: 18-Dec-2020 23:57:30 Instrument ID: CHW.i  
Lims ID: 200-56451-A-1 Lab Sample ID: 200-56451-1  
Client ID: SG-201  
Operator ID: ggg ALS Bottle#: 17 Worklist Smp#: 18  
Purge Vol: 200.000 mL Dil. Factor: 4.0000  
Method: TO15\_TO3\_MasterMethod\_W Limit Group: AI\_TO15\_ICAL  
Column: RTX-624 ( 0.32 mm) Detector MS SCAN

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

## Eurofins TestAmerica, Burlington

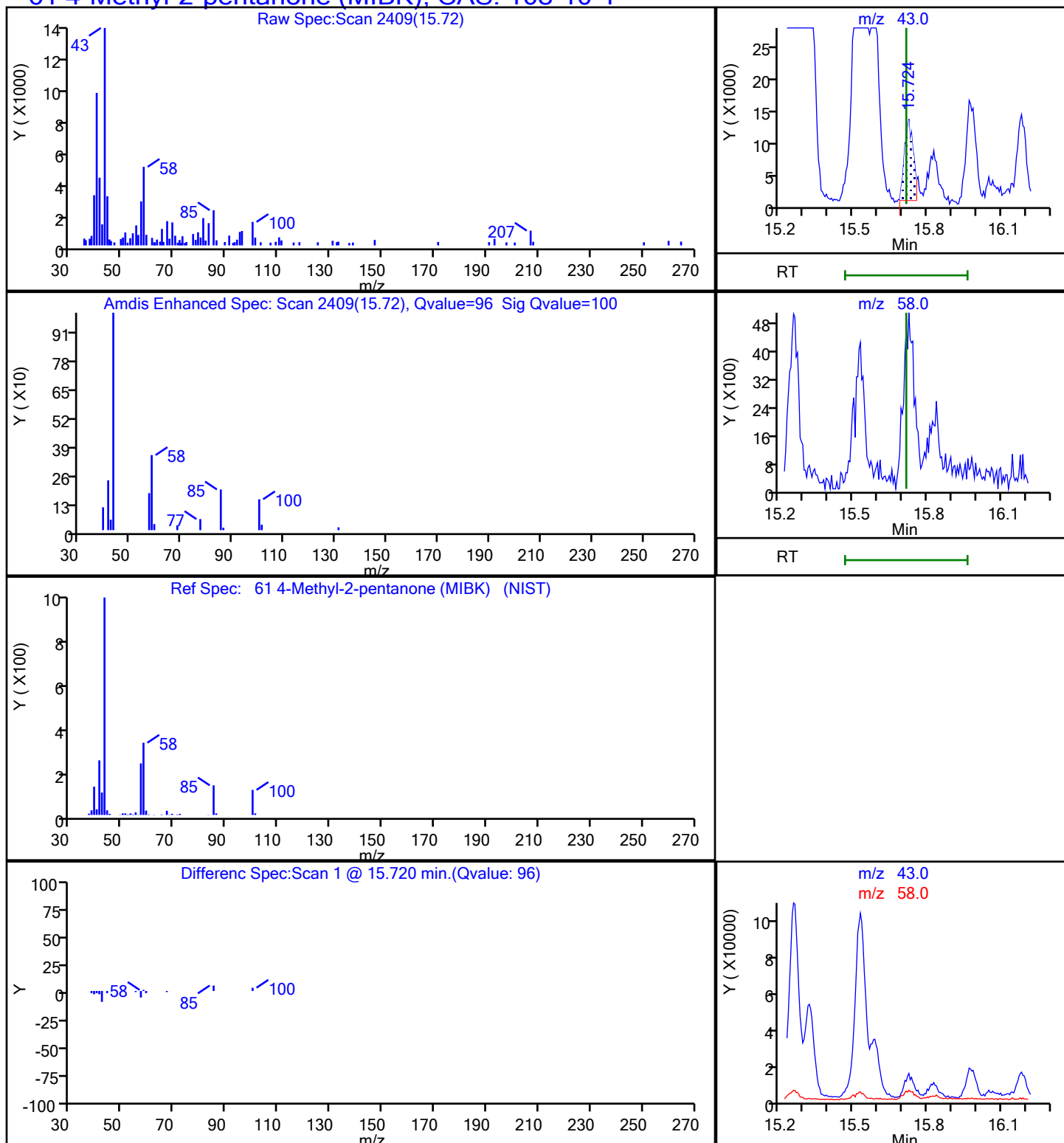
Data File: \\chromfs\Burlington\ChromData\CHW.i\20201218-44134.b\44134-018.d  
Injection Date: 18-Dec-2020 23:57:30 Instrument ID: CHW.i  
Lims ID: 200-56451-A-1 Lab Sample ID: 200-56451-1  
Client ID: SG-201  
Operator ID: ggg ALS Bottle#: 17 Worklist Smp#: 18  
Purge Vol: 200.000 mL Dil. Factor: 4.0000  
Method: TO15\_TO3\_MasterMethod\_W Limit Group: AI\_TO15\_ICAL  
Column: RTX-624 ( 0.32 mm) Detector MS SCAN

**51 Trichloroethene, CAS: 79-01-6**

## Eurofins TestAmerica, Burlington

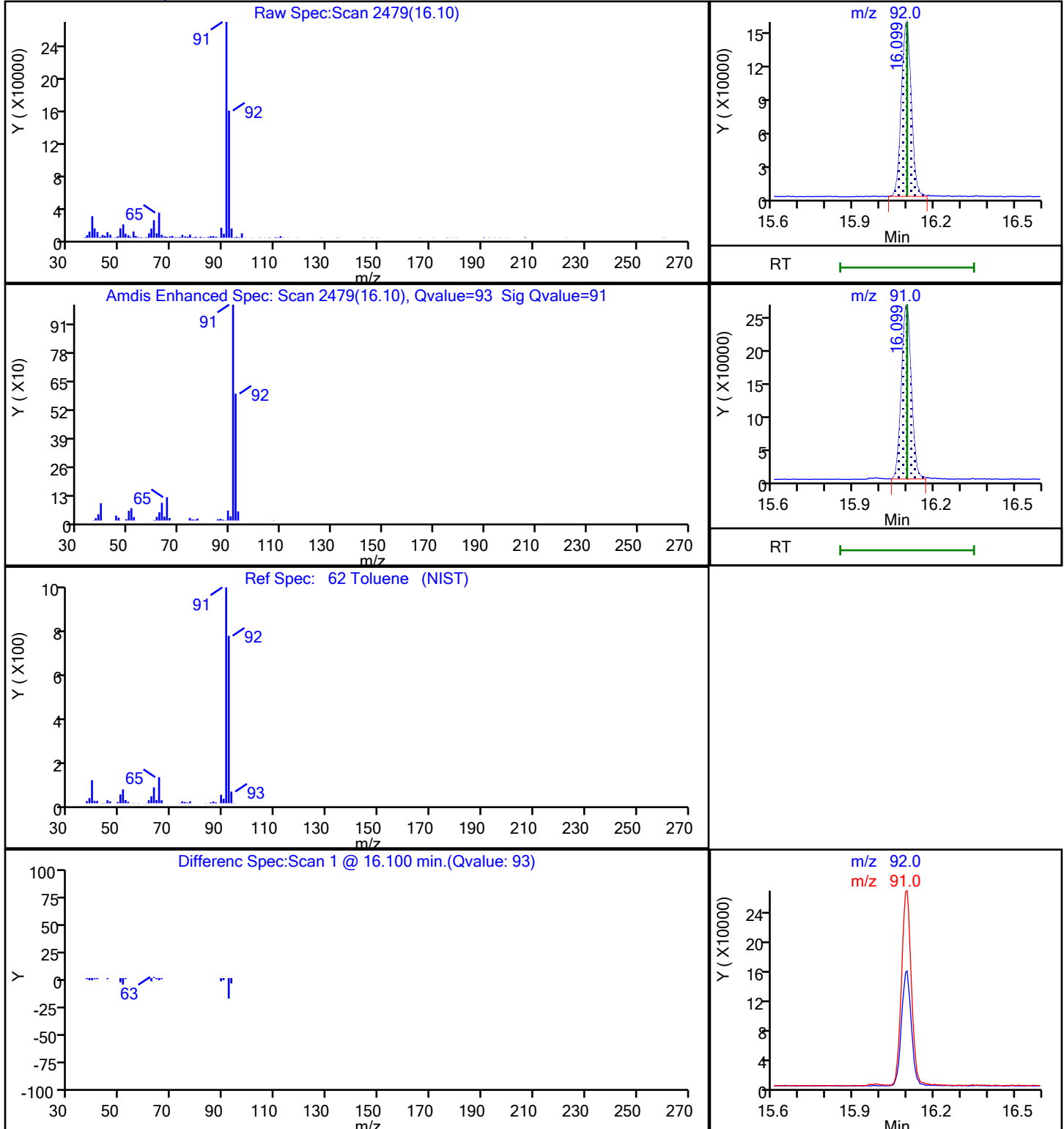
Data File: \\chromfs\Burlington\ChromData\CHW.i\20201218-44134.b\44134-018.d  
Injection Date: 18-Dec-2020 23:57:30 Instrument ID: CHW.i  
Lims ID: 200-56451-A-1 Lab Sample ID: 200-56451-1  
Client ID: SG-201  
Operator ID: ggg ALS Bottle#: 17 Worklist Smp#: 18  
Purge Vol: 200.000 mL Dil. Factor: 4.0000  
Method: TO15\_TO3\_MasterMethod\_W Limit Group: AI\_TO15\_ICAL  
Column: RTX-624 ( 0.32 mm) Detector MS SCAN

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



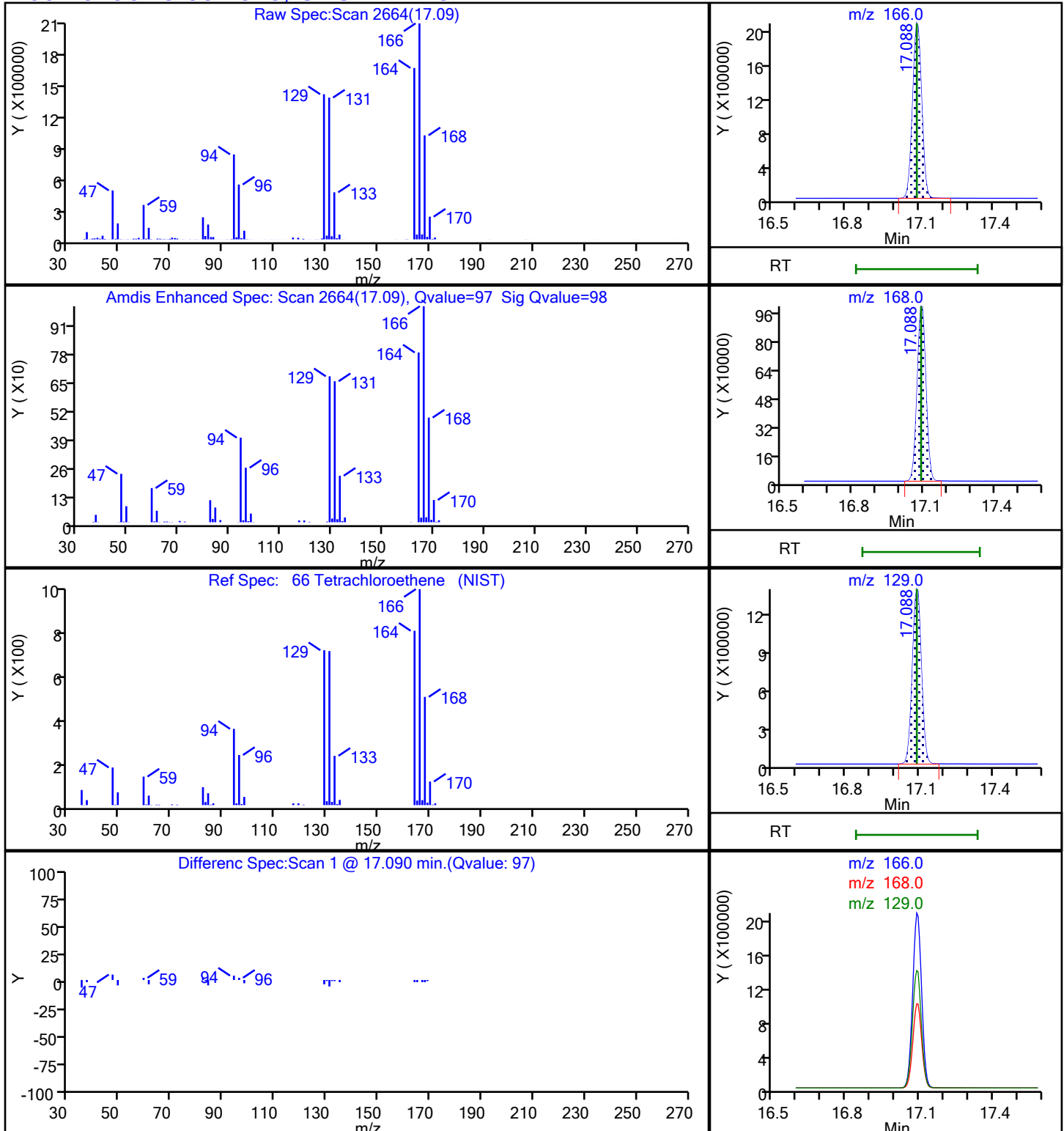
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Data File: \\chromfs\Burlington\ChromData\CHW.i\20201218-44134.b\44134-018.d  
Injection Date: 18-Dec-2020 23:57:30 Instrument ID: CHW.i  
Lims ID: 200-56451-A-1 Lab Sample ID: 200-56451-1  
Client ID: SG-201  
Operator ID: ggg ALS Bottle#: 17 Worklist Smp#: 18  
Purge Vol: 200.000 mL Dil. Factor: 4.0000  
Method: TO15\_TO3\_MasterMethod\_W Limit Group: AI\_TO15\_ICAL  
Column: RTX-624 ( 0.32 mm) Detector MS SCAN

**62 Toluene, CAS: 108-88-3**

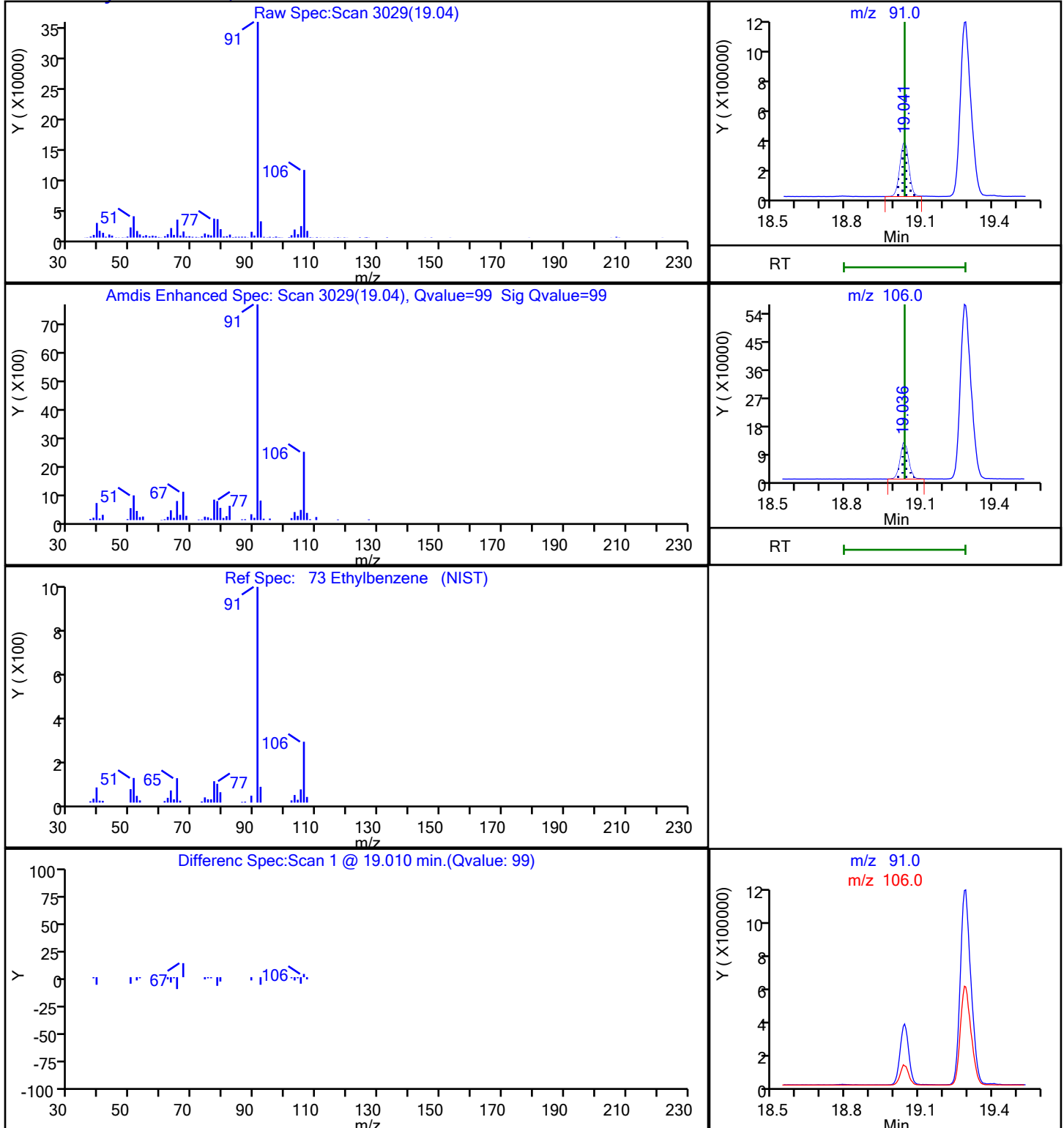
## Eurofins TestAmerica, Burlington

Data File: \\chromfs\Burlington\ChromData\CHW.i\20201218-44134.b\44134-018.d  
Injection Date: 18-Dec-2020 23:57:30 Instrument ID: CHW.i  
Lims ID: 200-56451-A-1 Lab Sample ID: 200-56451-1  
Client ID: SG-201  
Operator ID: ggg ALS Bottle#: 17 Worklist Smp#: 18  
Purge Vol: 200.000 mL Dil. Factor: 4.0000  
Method: TO15\_TO3\_MasterMethod\_W Limit Group: AI\_TO15\_ICAL  
Column: RTX-624 ( 0.32 mm) Detector: MS SCAN

**66 Tetrachloroethene, CAS: 127-18-4**

## Eurofins TestAmerica, Burlington

Data File: \\chromfs\Burlington\ChromData\CHW.i\20201218-44134.b\44134-018.d  
Injection Date: 18-Dec-2020 23:57:30 Instrument ID: CHW.i  
Lims ID: 200-56451-A-1 Lab Sample ID: 200-56451-1  
Client ID: SG-201  
Operator ID: ggg ALS Bottle#: 17 Worklist Smp#: 18  
Purge Vol: 200.000 mL Dil. Factor: 4.0000  
Method: TO15\_TO3\_MasterMethod\_W Limit Group: AI\_TO15\_ICAL  
Column: RTX-624 ( 0.32 mm) Detector MS SCAN

**73 Ethylbenzene, CAS: 100-41-4**

Eurofins TestAmerica, Burlington

Data File: \\chromfs\Burlington\ChromData\CHW.i\20201218-44134.b\44134-018.d

Injection Date: 18-Dec-2020 23:57:30

Instrument ID: CHW.i

Lims ID: 200-56451-A-1

Lab Sample ID: 200-56451-1

Client ID: SG-201

Operator ID: ggg

ALS Bottle#: 17

Worklist Smp#: 18

Purge Vol: 200.000 mL

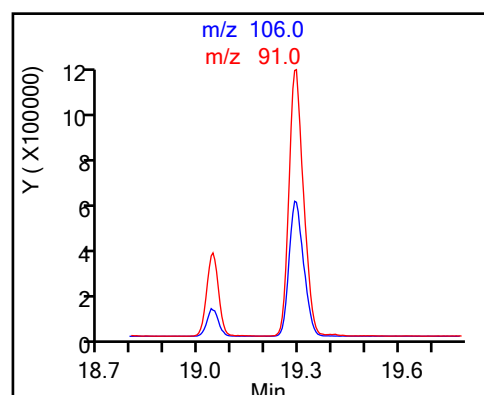
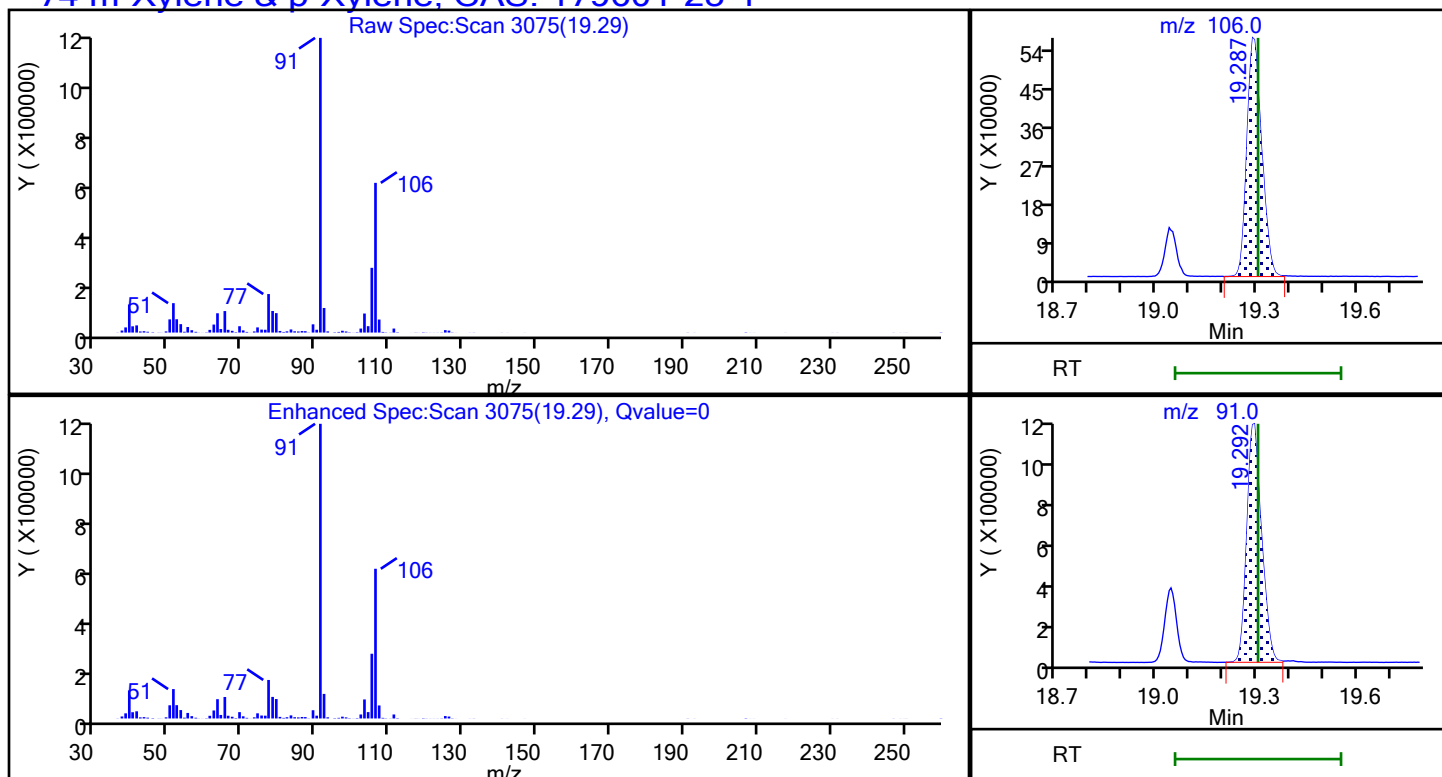
Dil. Factor: 4.0000

Method: TO15\_TO3\_MasterMethod\_W

Limit Group: AI\_TO15\_ICAL

Column: RTX-624 ( 0.32 mm)

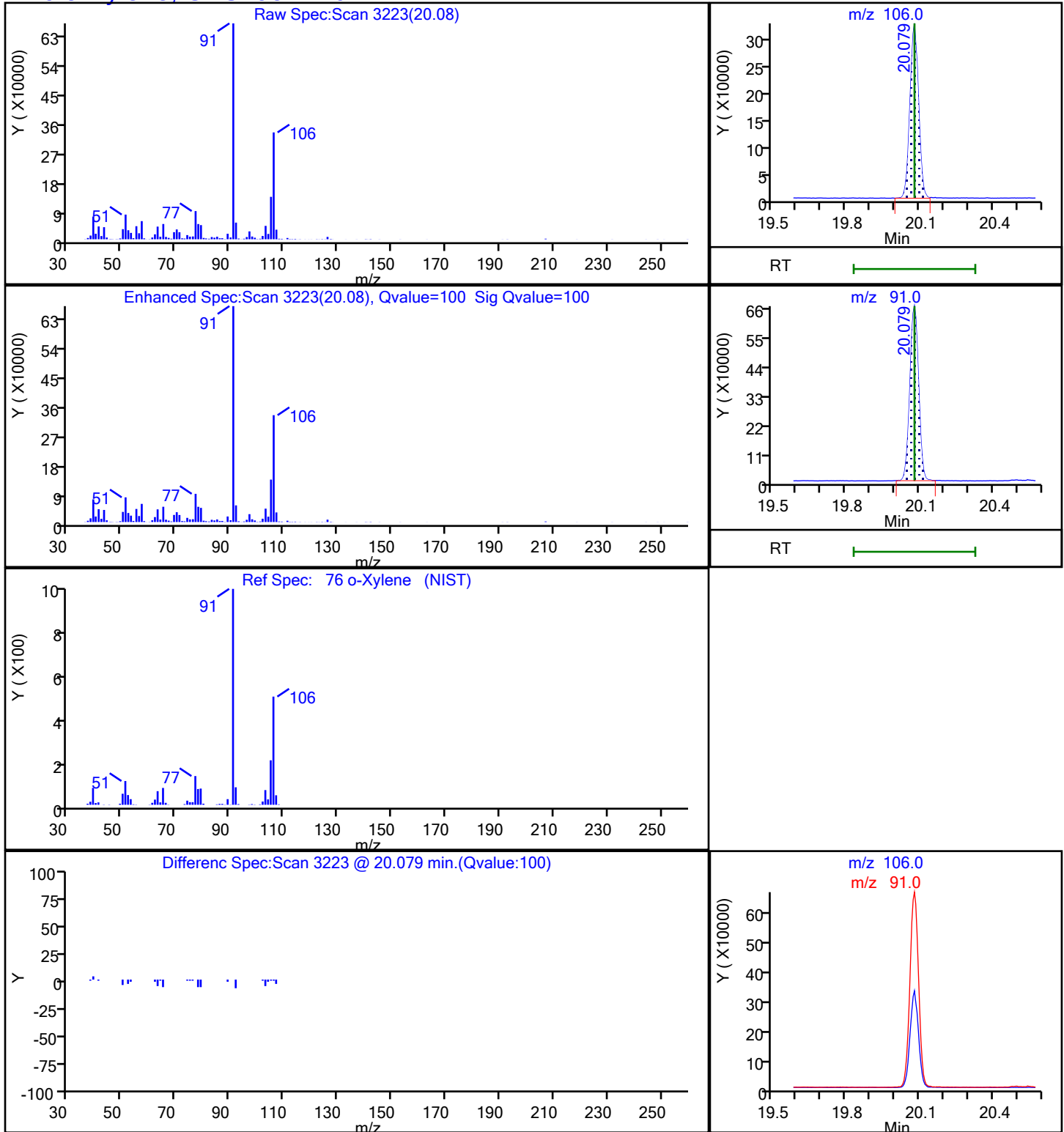
Detector: MS SCAN

**74 m-Xylene & p-Xylene, CAS: 179601-23-1**



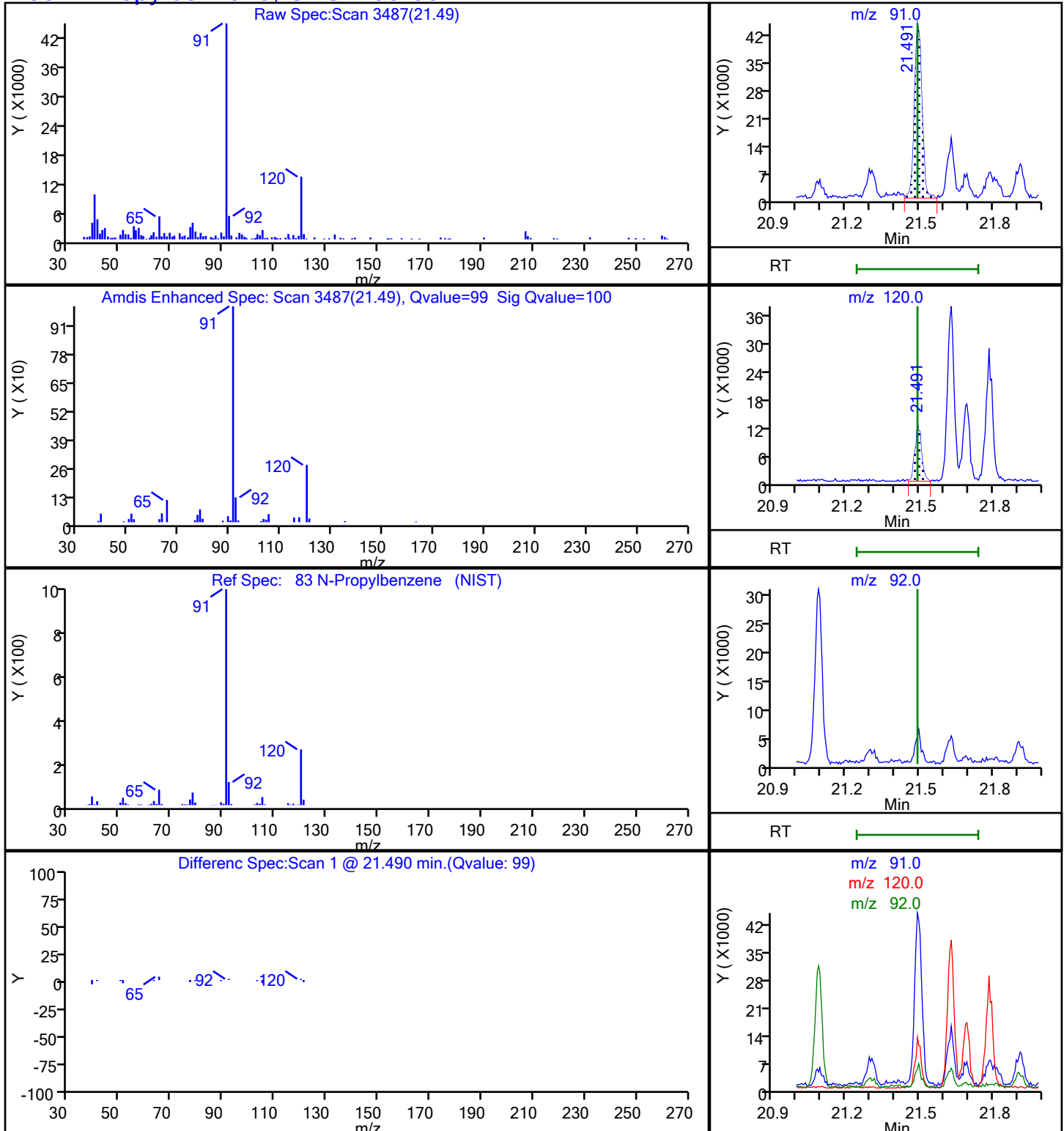
## Eurofins TestAmerica, Burlington

Data File: \\chromfs\Burlington\ChromData\CHW.i\20201218-44134.b\44134-018.d  
Injection Date: 18-Dec-2020 23:57:30 Instrument ID: CHW.i  
Lims ID: 200-56451-A-1 Lab Sample ID: 200-56451-1  
Client ID: SG-201  
Operator ID: ggg ALS Bottle#: 17 Worklist Smp#: 18  
Purge Vol: 200.000 mL Dil. Factor: 4.0000  
Method: TO15\_TO3\_MasterMethod\_W Limit Group: AI\_TO15\_ICAL  
Column: RTX-624 ( 0.32 mm) Detector: MS SCAN

**76 o-Xylene, CAS: 95-47-6**

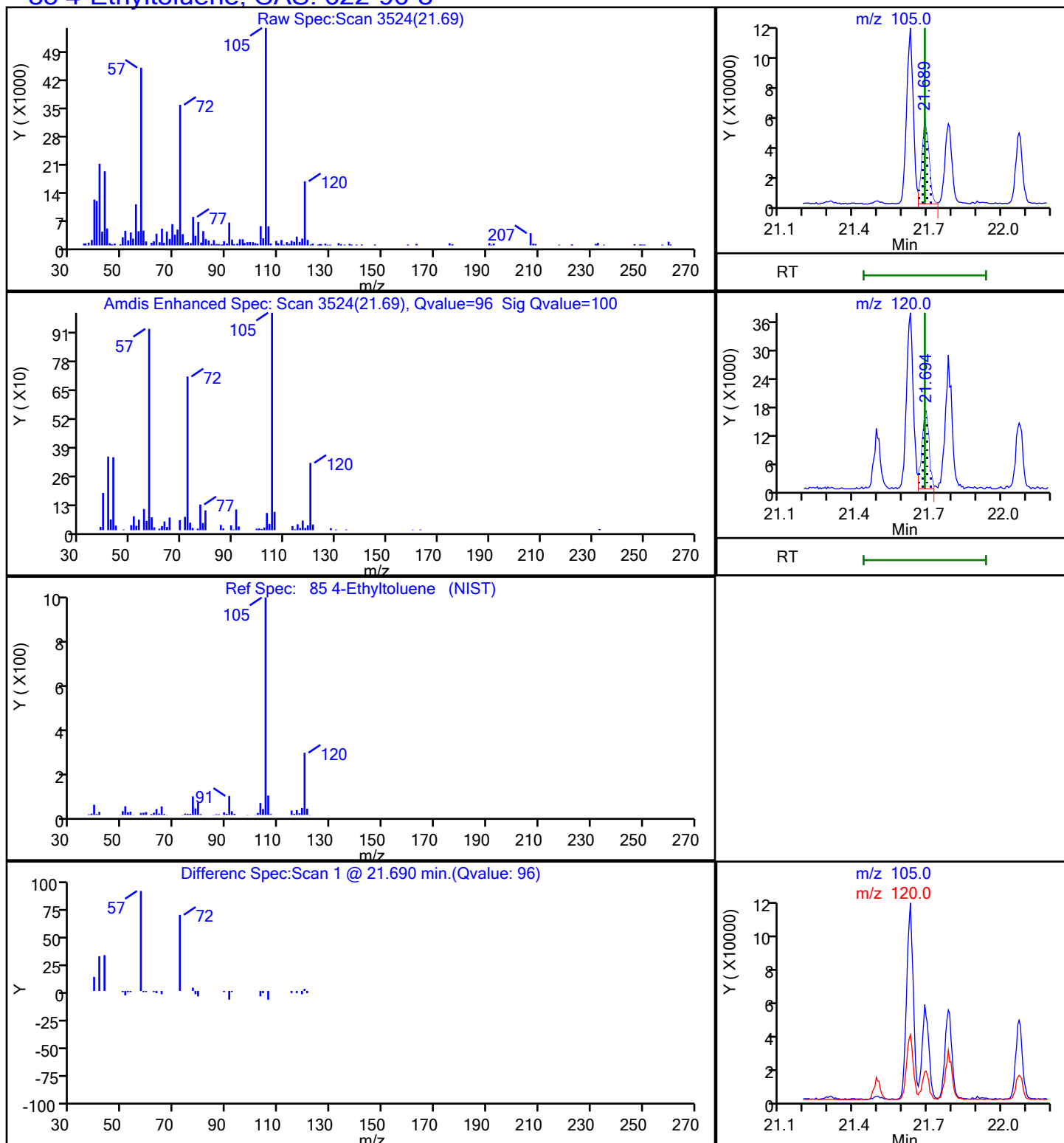
## Eurofins TestAmerica, Burlington

Data File: \\chromfs\Burlington\ChromData\CHW.i\20201218-44134.b\44134-018.d  
Injection Date: 18-Dec-2020 23:57:30 Instrument ID: CHW.i  
Lims ID: 200-56451-A-1 Lab Sample ID: 200-56451-1  
Client ID: SG-201  
Operator ID: ggg ALS Bottle#: 17 Worklist Smp#: 18  
Purge Vol: 200.000 mL Dil. Factor: 4.0000  
Method: TO15\_TO3\_MasterMethod\_W Limit Group: AI\_TO15\_ICAL  
Column: RTX-624 ( 0.32 mm) Detector MS SCAN

**83 N-Propylbenzene, CAS: 103-65-1**

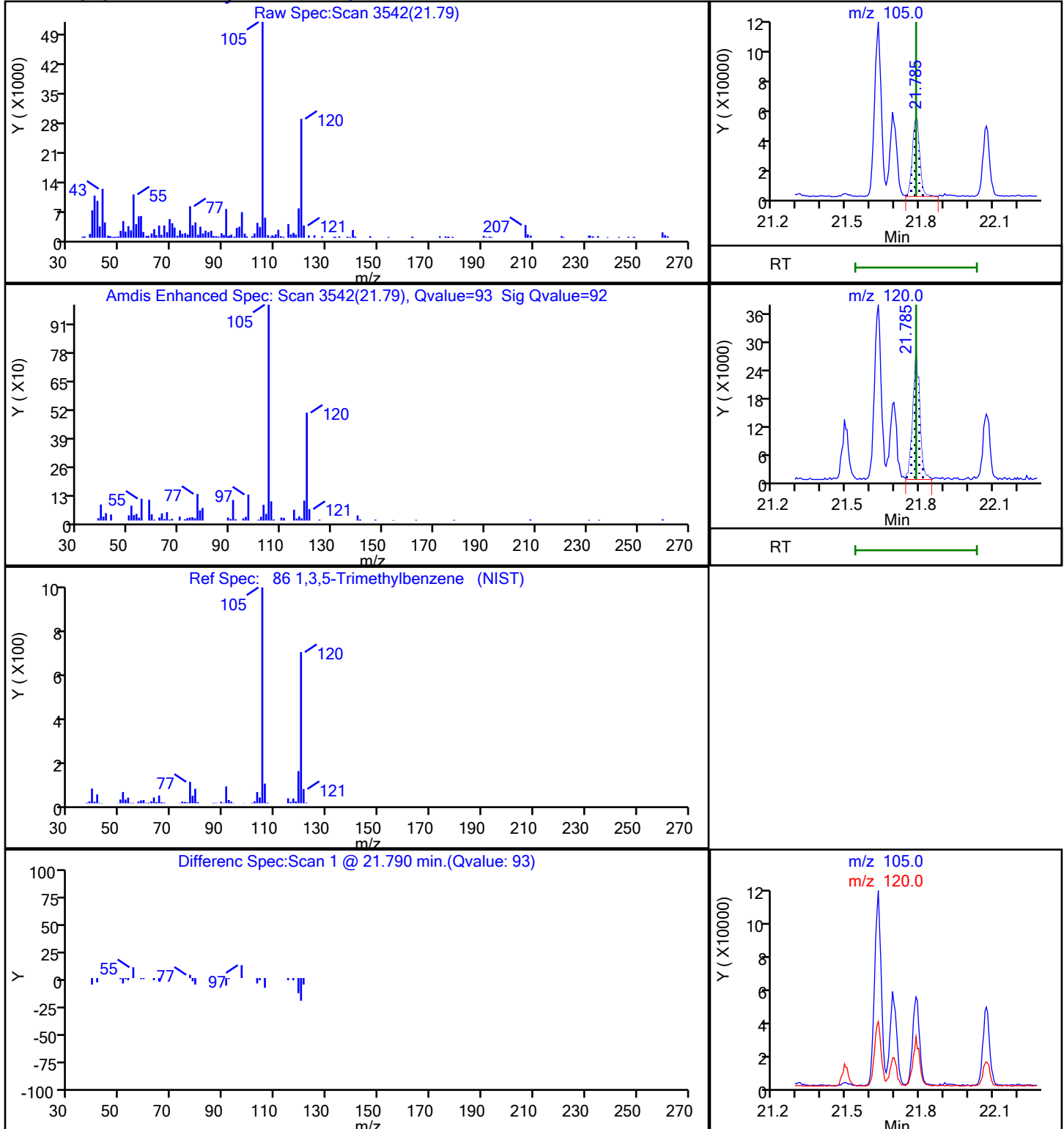
## Eurofins TestAmerica, Burlington

Data File: \\chromfs\Burlington\ChromData\CHW.i\20201218-44134.b\44134-018.d  
Injection Date: 18-Dec-2020 23:57:30 Instrument ID: CHW.i  
Lims ID: 200-56451-A-1 Lab Sample ID: 200-56451-1  
Client ID: SG-201  
Operator ID: ggg ALS Bottle#: 17 Worklist Smp#: 18  
Purge Vol: 200.000 mL Dil. Factor: 4.0000  
Method: TO15\_TO3\_MasterMethod\_W Limit Group: AI\_TO15\_ICAL  
Column: RTX-624 ( 0.32 mm) Detector: MS SCAN

**85 4-Ethyltoluene, CAS: 622-96-8**

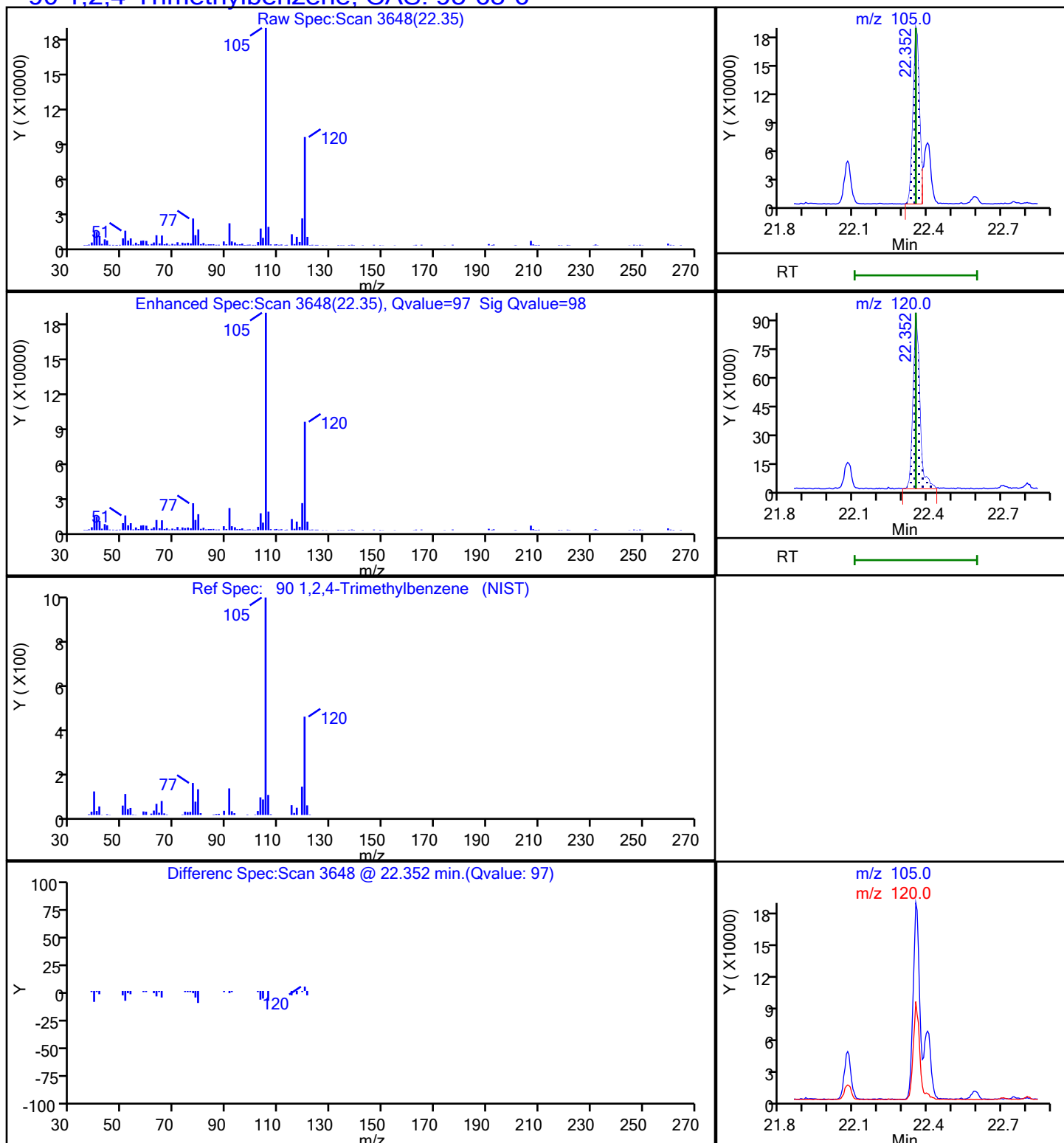
Eurofins TestAmerica, Burlington

Data File: \\chromfs\Burlington\ChromData\CHW.i\20201218-44134.b\44134-018.d  
Injection Date: 18-Dec-2020 23:57:30 Instrument ID: CHW.i  
Lims ID: 200-56451-A-1 Lab Sample ID: 200-56451-1  
Client ID: SG-201  
Operator ID: ggg ALS Bottle#: 17 Worklist Smp#: 18  
Purge Vol: 200.000 mL Dil. Factor: 4.0000  
Method: TO15\_TO3\_MasterMethod\_W Limit Group: AI\_TO15\_ICAL  
Column: RTX-624 ( 0.32 mm) Detector MS SCAN

**86 1,3,5-Trimethylbenzene, CAS: 108-67-8**

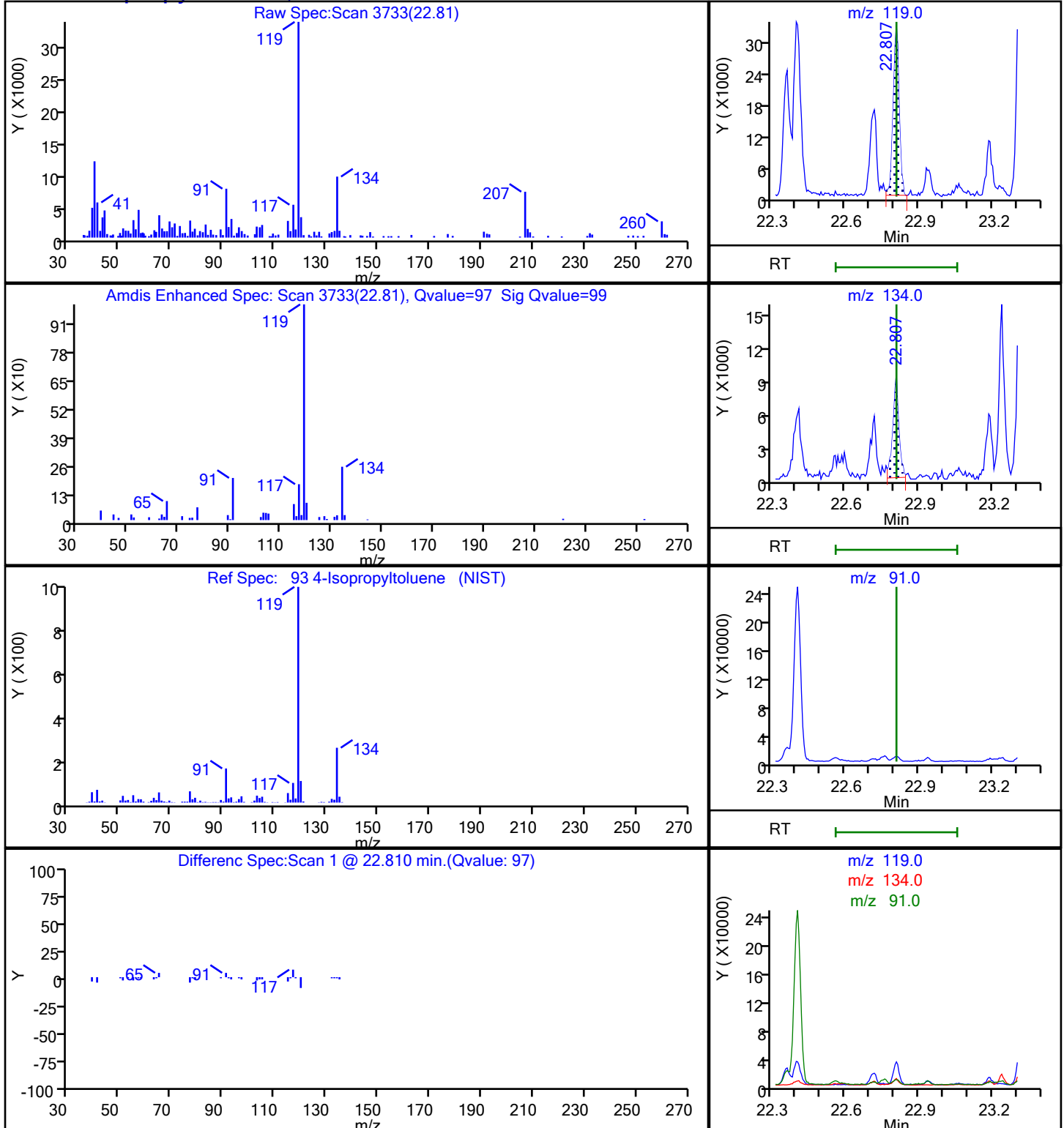
## Eurofins TestAmerica, Burlington

Data File: \\chromfs\Burlington\ChromData\CHW.i\20201218-44134.b\44134-018.d  
Injection Date: 18-Dec-2020 23:57:30 Instrument ID: CHW.i  
Lims ID: 200-56451-A-1 Lab Sample ID: 200-56451-1  
Client ID: SG-201  
Operator ID: ggg ALS Bottle#: 17 Worklist Smp#: 18  
Purge Vol: 200.000 mL Dil. Factor: 4.0000  
Method: TO15\_TO3\_MasterMethod\_W Limit Group: AI\_TO15\_ICAL  
Column: RTX-624 ( 0.32 mm) Detector: MS SCAN

**90 1,2,4-Trimethylbenzene, CAS: 95-63-6**

## Eurofins TestAmerica, Burlington

Data File: \\chromfs\Burlington\ChromData\CHW.i\20201218-44134.b\44134-018.d  
Injection Date: 18-Dec-2020 23:57:30 Instrument ID: CHW.i  
Lims ID: 200-56451-A-1 Lab Sample ID: 200-56451-1  
Client ID: SG-201  
Operator ID: ggg ALS Bottle#: 17 Worklist Smp#: 18  
Purge Vol: 200.000 mL Dil. Factor: 4.0000  
Method: TO15\_TO3\_MasterMethod\_W Limit Group: AI\_TO15\_ICAL  
Column: RTX-624 ( 0.32 mm) Detector MS SCAN

**93 4-Isopropyltoluene, CAS: 99-87-6**

## Eurofins TestAmerica, Burlington

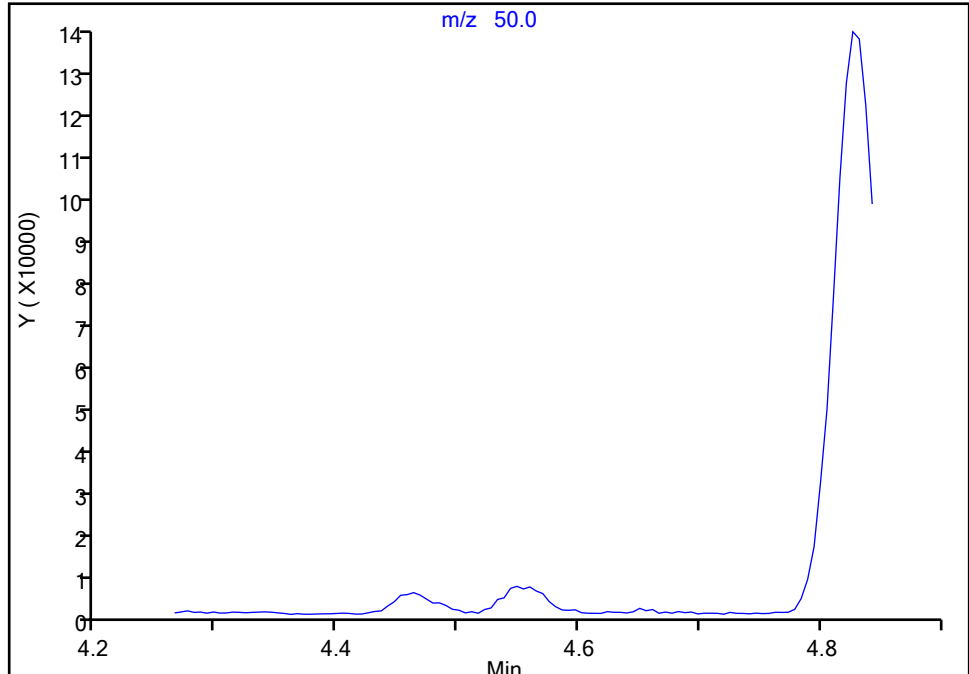
|                 |                                                                   |                |              |
|-----------------|-------------------------------------------------------------------|----------------|--------------|
| Data File:      | \\chromfs\Burlington\ChromData\CHW.i\20201218-44134.b\44134-018.d |                |              |
| Injection Date: | 18-Dec-2020 23:57:30                                              | Instrument ID: | CHW.i        |
| Lims ID:        | 200-56451-A-1                                                     | Lab Sample ID: | 200-56451-1  |
| Client ID:      | SG-201                                                            |                |              |
| Operator ID:    | ggg                                                               | ALS Bottle#:   | 17           |
| Purge Vol:      | 200.000 mL                                                        | Dil. Factor:   | 4.0000       |
| Method:         | TO15_TO3_MasterMethod_W                                           | Limit Group:   | AI_TO15_ICAL |
| Column:         | RTX-624 ( 0.32 mm)                                                | Detector:      | MS SCAN      |
|                 |                                                                   | Worklist Smp#: | 18           |

**5 Chloromethane, CAS: 74-87-3**

Signal: 1

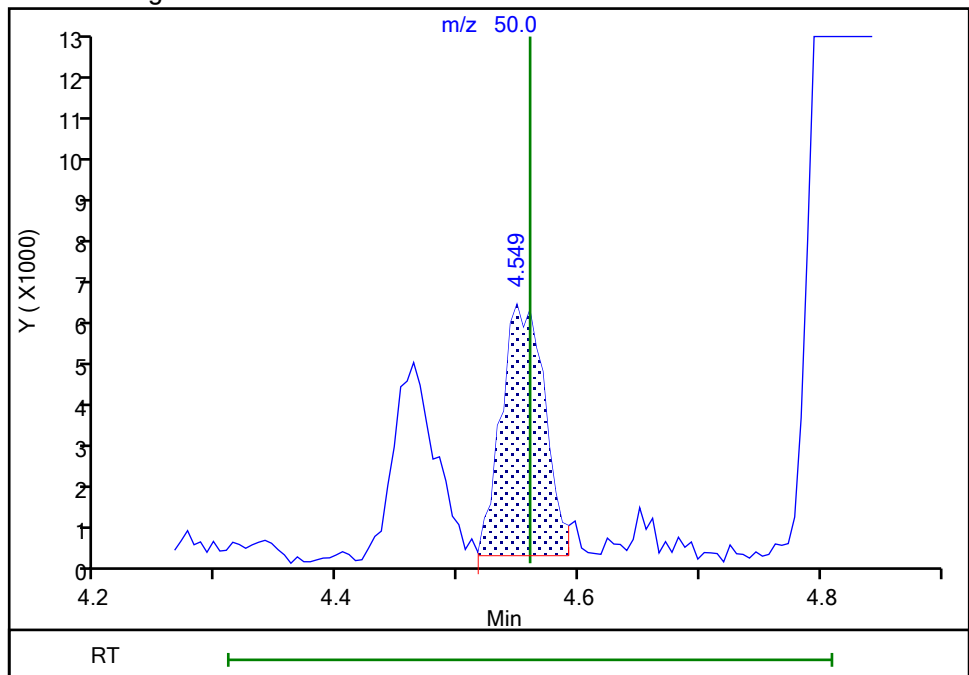
Not Detected  
Expected RT: 4.56

## Processing Integration Results



RT: 4.55  
Area: 15200  
Amount: 0.099505  
Amount Units: ppb v/v

## Manual Integration Results



Reviewer: bunmaa, 21-Dec-2020 12:35:50

Audit Action: Manually Integrated

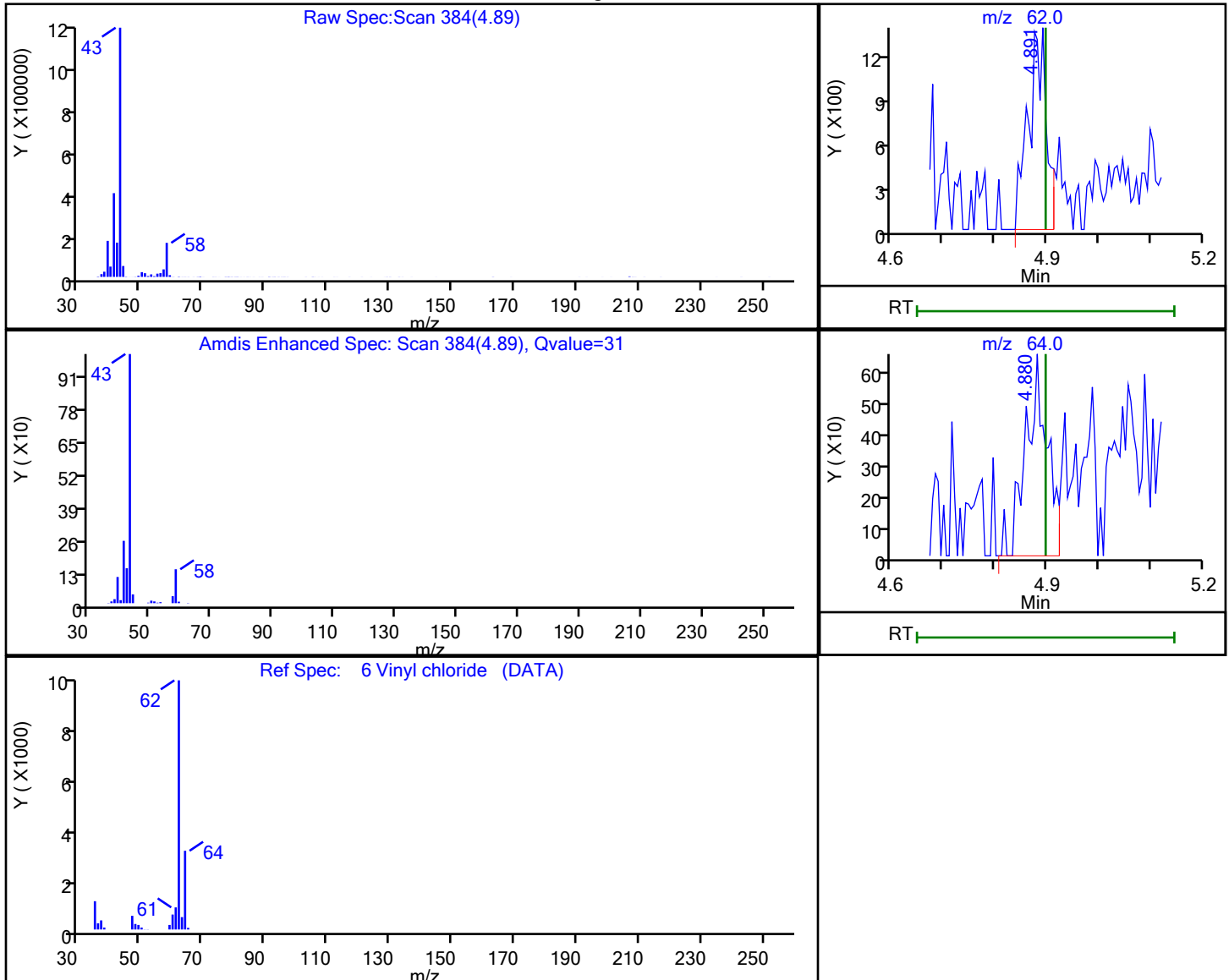
Audit Reason: Assign Peak

## Eurofins TestAmerica, Burlington

Data File: \\chromfs\Burlington\ChromData\CHW.i\20201218-44134.b\44134-018.d  
Injection Date: 18-Dec-2020 23:57:30 Instrument ID: CHW.i  
Lims ID: 200-56451-A-1 Lab Sample ID: 200-56451-1  
Client ID: SG-201  
Operator ID: ggg ALS Bottle#: 17 Worklist Smp#: 18  
Purge Vol: 200.000 mL Dil. Factor: 4.0000  
Method: TO15\_TO3\_MasterMethod\_W Limit Group: AI\_TO15\_ICAL  
Column: RTX-624 ( 0.32 mm) Detector: MS SCAN

## 6 Vinyl chloride, CAS: 75-01-4

## Processing Results



| RT   | Mass  | Response | Amount   |
|------|-------|----------|----------|
| 4.89 | 62.00 | 3178     | 0.016930 |
| 4.88 | 64.00 | 1901     |          |

Reviewer: bunmaa, 21-Dec-2020 12:36:02

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID



## Eurofins TestAmerica, Burlington

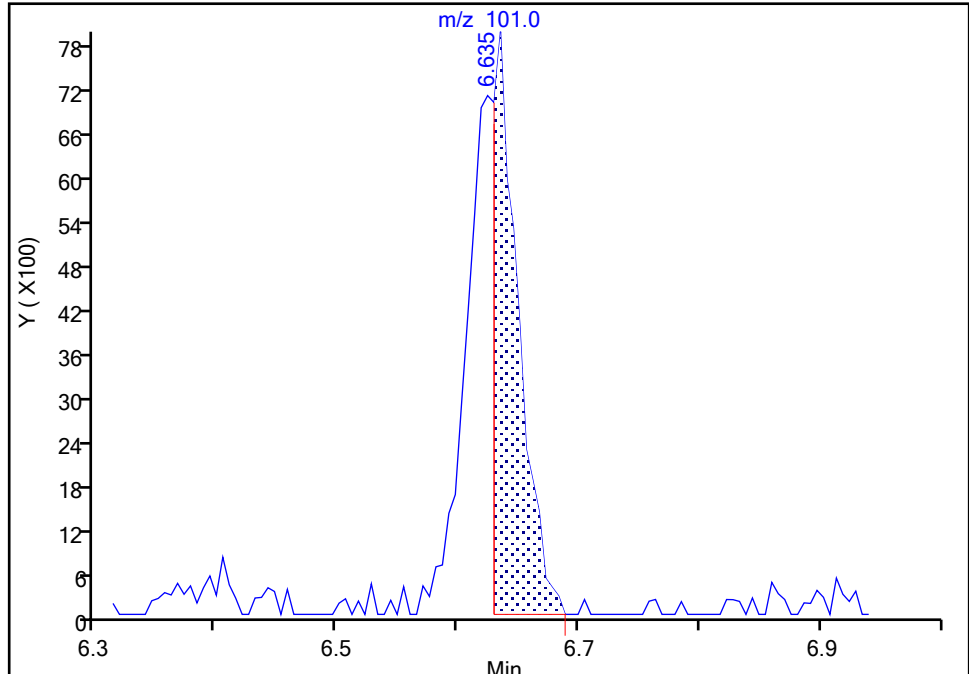
|                 |                                                                   |                |              |
|-----------------|-------------------------------------------------------------------|----------------|--------------|
| Data File:      | \\chromfs\Burlington\ChromData\CHW.i\20201218-44134.b\44134-018.d |                |              |
| Injection Date: | 18-Dec-2020 23:57:30                                              | Instrument ID: | CHW.i        |
| Lims ID:        | 200-56451-A-1                                                     | Lab Sample ID: | 200-56451-1  |
| Client ID:      | SG-201                                                            |                |              |
| Operator ID:    | ggg                                                               | ALS Bottle#:   | 17           |
| Purge Vol:      | 200.000 mL                                                        | Dil. Factor:   | 4.0000       |
| Method:         | TO15_TO3_MasterMethod_W                                           | Limit Group:   | AI_TO15_ICAL |
| Column:         | RTX-624 ( 0.32 mm)                                                | Detector:      | MS SCAN      |
|                 |                                                                   | Worklist Smp#: | 18           |

**14 Trichlorofluoromethane, CAS: 75-69-4**

Signal: 1

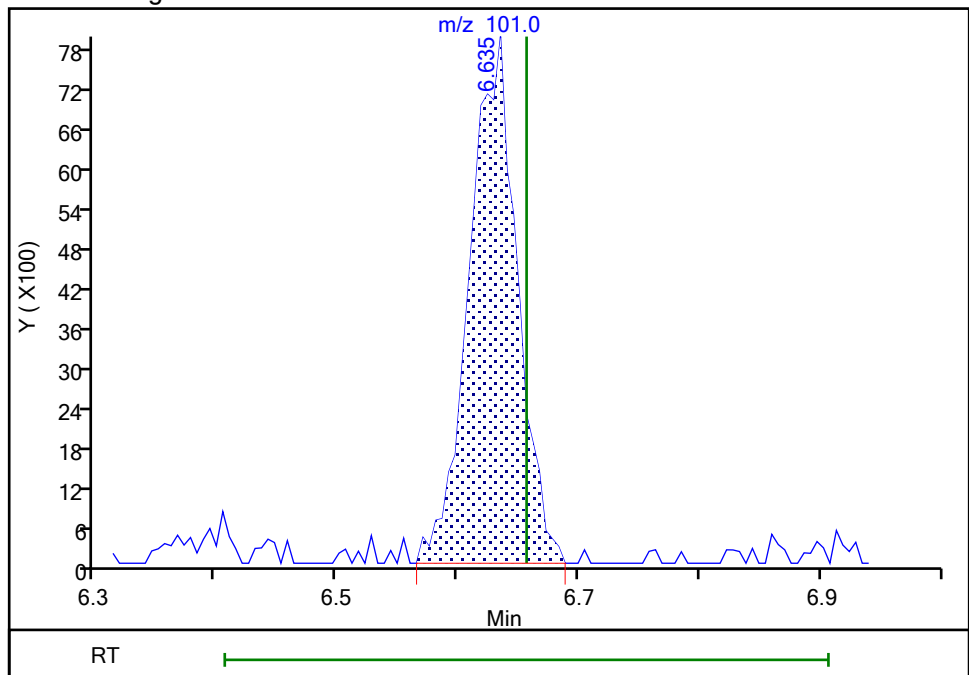
RT: 6.64  
Area: 11788  
Amount: 0.033431  
Amount Units: ppb v/v

## Processing Integration Results



RT: 6.64  
Area: 21920  
Amount: 0.062165  
Amount Units: ppb v/v

## Manual Integration Results



Reviewer: bunmaa, 21-Dec-2020 12:36:50

Audit Action: Manually Integrated

Audit Reason: Assign Peak

## Eurofins TestAmerica, Burlington

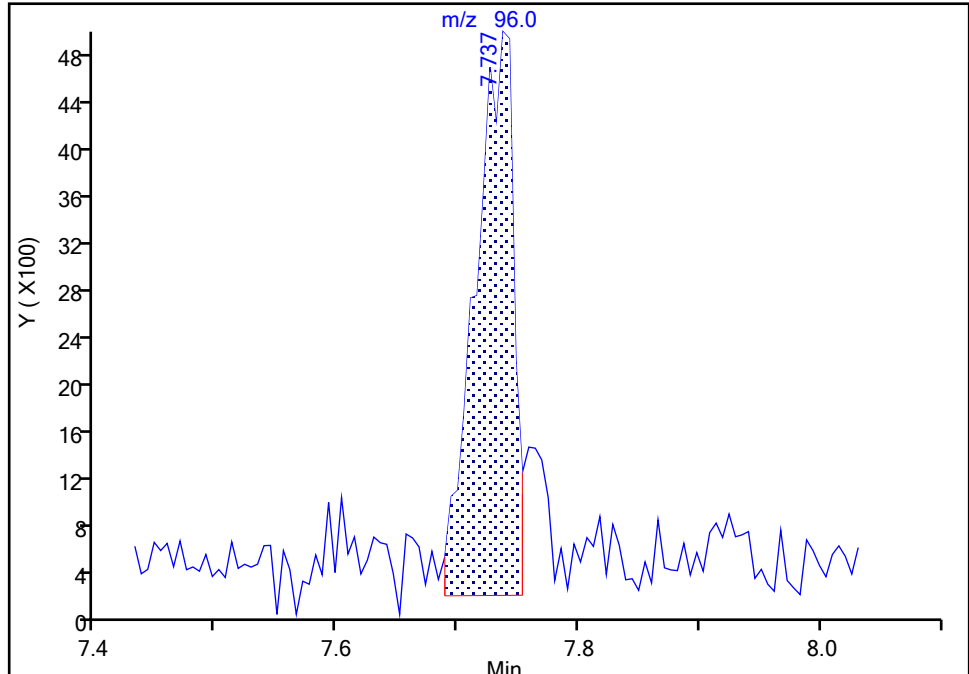
Data File: \\chromfs\Burlington\ChromData\CHW.i\20201218-44134.b\44134-018.d  
Injection Date: 18-Dec-2020 23:57:30 Instrument ID: CHW.i  
Lims ID: 200-56451-A-1 Lab Sample ID: 200-56451-1  
Client ID: SG-201  
Operator ID: ggg ALS Bottle#: 17 Worklist Smp#: 18  
Purge Vol: 200.000 mL Dil. Factor: 4.0000  
Method: TO15\_TO3\_MasterMethod\_W Limit Group: AI\_TO15\_ICAL  
Column: RTX-624 ( 0.32 mm) Detector: MS SCAN

**20 1,1-Dichloroethene, CAS: 75-35-4**

Signal: 1

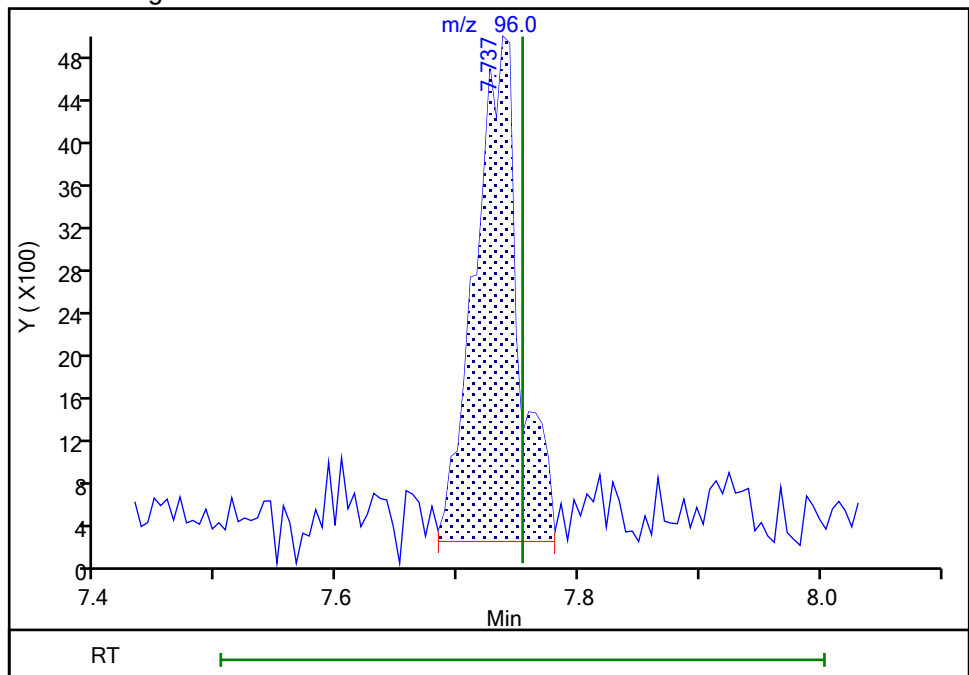
RT: 7.74  
Area: 10694  
Amount: 0.078356  
Amount Units: ppb v/v

## Processing Integration Results



RT: 7.74  
Area: 11951  
Amount: 0.087566  
Amount Units: ppb v/v

## Manual Integration Results



Reviewer: bunmaa, 21-Dec-2020 12:37:14

Audit Action: Manually Integrated

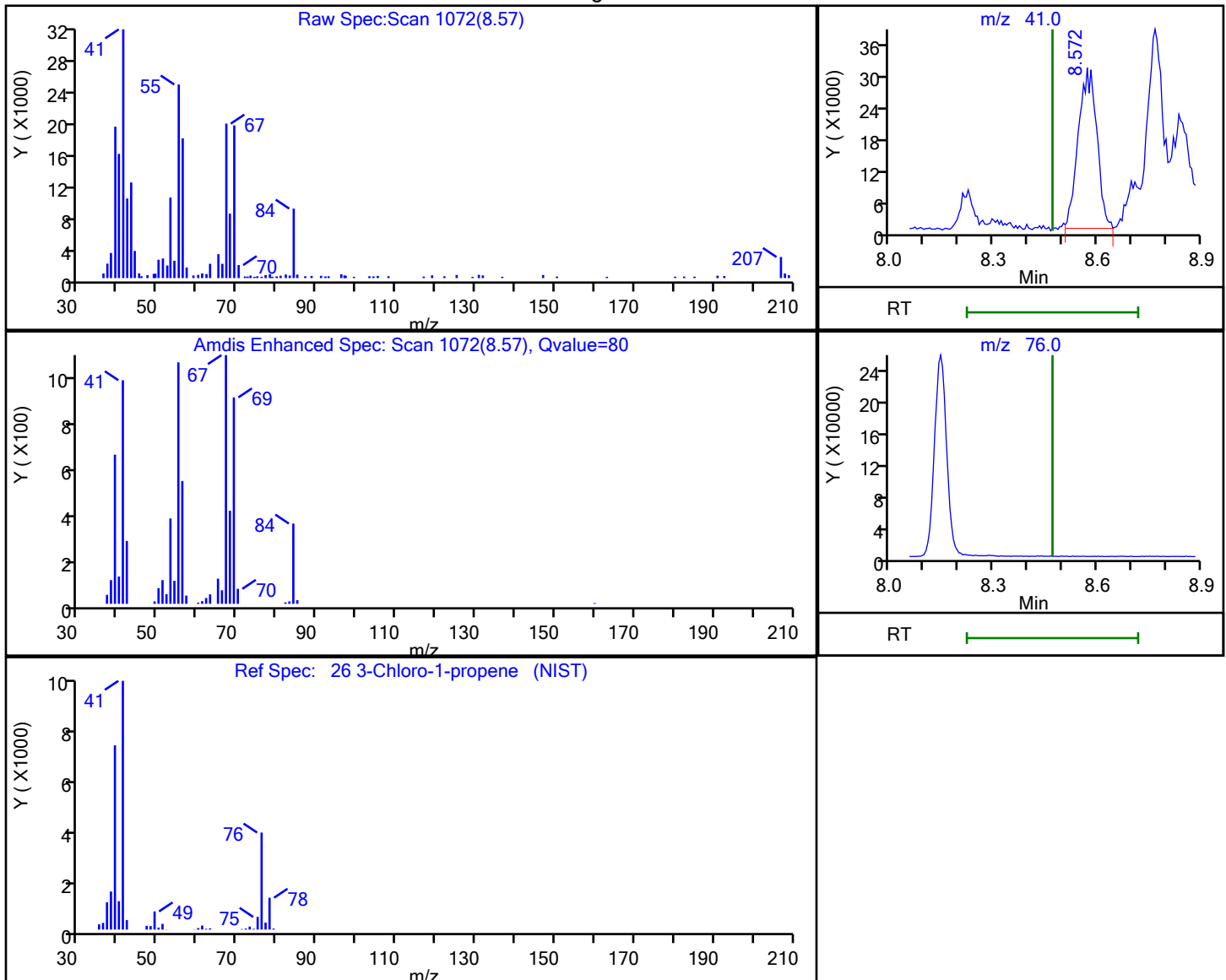
Audit Reason: Assign Peak

## Eurofins TestAmerica, Burlington

Data File: \\chromfs\Burlington\ChromData\CHW.i\20201218-44134.b\44134-018.d  
Injection Date: 18-Dec-2020 23:57:30 Instrument ID: CHW.i  
Lims ID: 200-56451-A-1 Lab Sample ID: 200-56451-1  
Client ID: SG-201  
Operator ID: ggg ALS Bottle#: 17 Worklist Smp#: 18  
Purge Vol: 200.000 mL Dil. Factor: 4.0000  
Method: TO15\_TO3\_MasterMethod\_W Limit Group: AI\_TO15\_ICAL  
Column: RTX-624 ( 0.32 mm) Detector: MS SCAN

## 26 3-Chloro-1-propene, CAS: 107-05-1

## Processing Results



| RT   | Mass  | Response | Amount   |
|------|-------|----------|----------|
| 8.57 | 41.00 | 113997   | 0.710967 |
| 8.47 | 76.00 | 0        |          |

Reviewer: bunmaa, 21-Dec-2020 12:38:00

Audit Action: Marked Compound Undetected

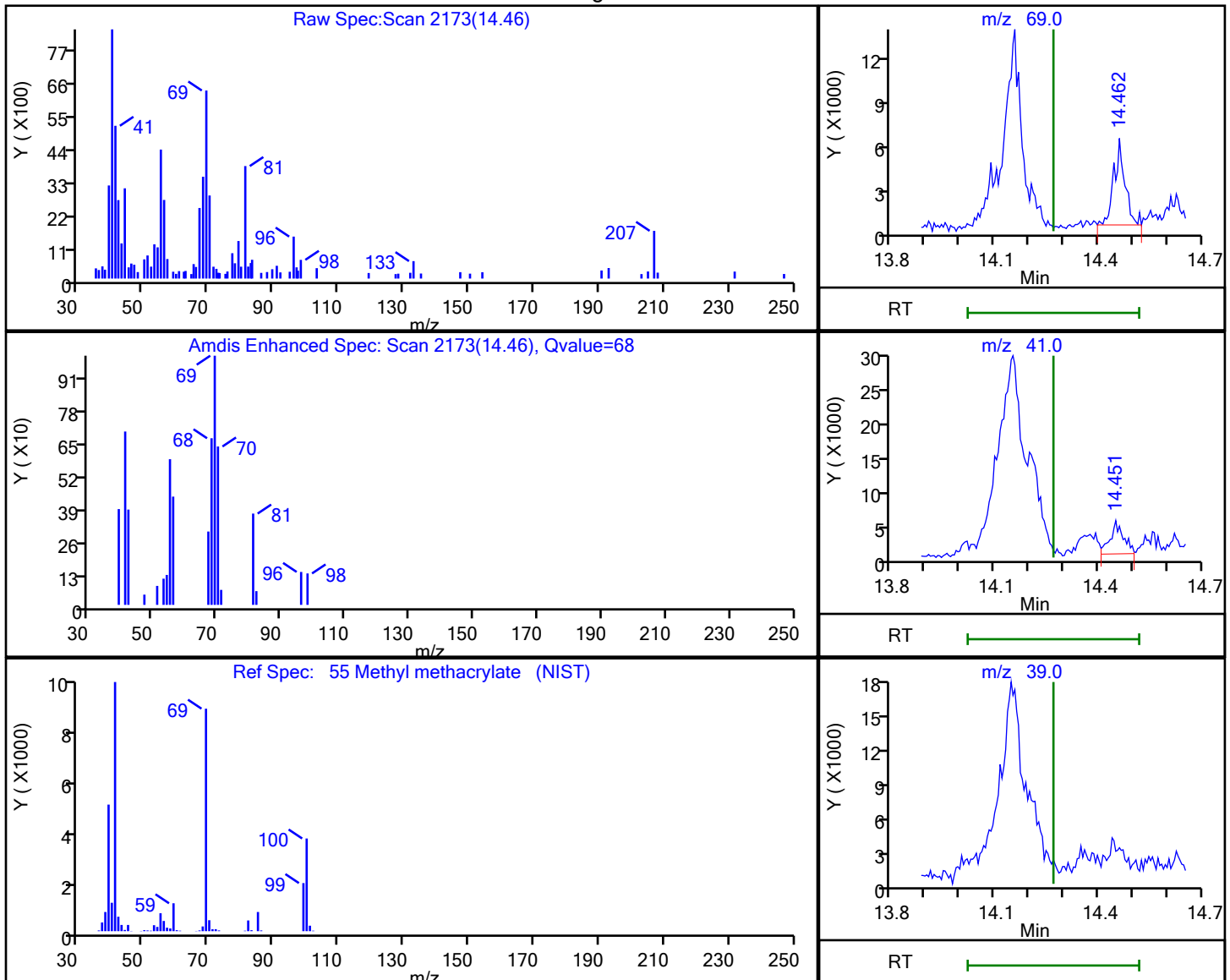
Audit Reason: Invalid Compound ID

## Eurofins TestAmerica, Burlington

Data File: \\chromfs\Burlington\ChromData\CHW.i\20201218-44134.b\44134-018.d  
Injection Date: 18-Dec-2020 23:57:30 Instrument ID: CHW.i  
Lims ID: 200-56451-A-1 Lab Sample ID: 200-56451-1  
Client ID: SG-201  
Operator ID: ggg ALS Bottle#: 17 Worklist Smp#: 18  
Purge Vol: 200.000 mL Dil. Factor: 4.0000  
Method: TO15\_TO3\_MasterMethod\_W 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   |
|-------|-------|----------|----------|
| 14.46 | 69.00 | 13099    | 0.100712 |
| 14.45 | 41.00 | 12510    |          |
| 14.27 | 39.00 | 0        |          |

Reviewer: bunmaa, 21-Dec-2020 12:39:34

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

## Eurofins TestAmerica, Burlington

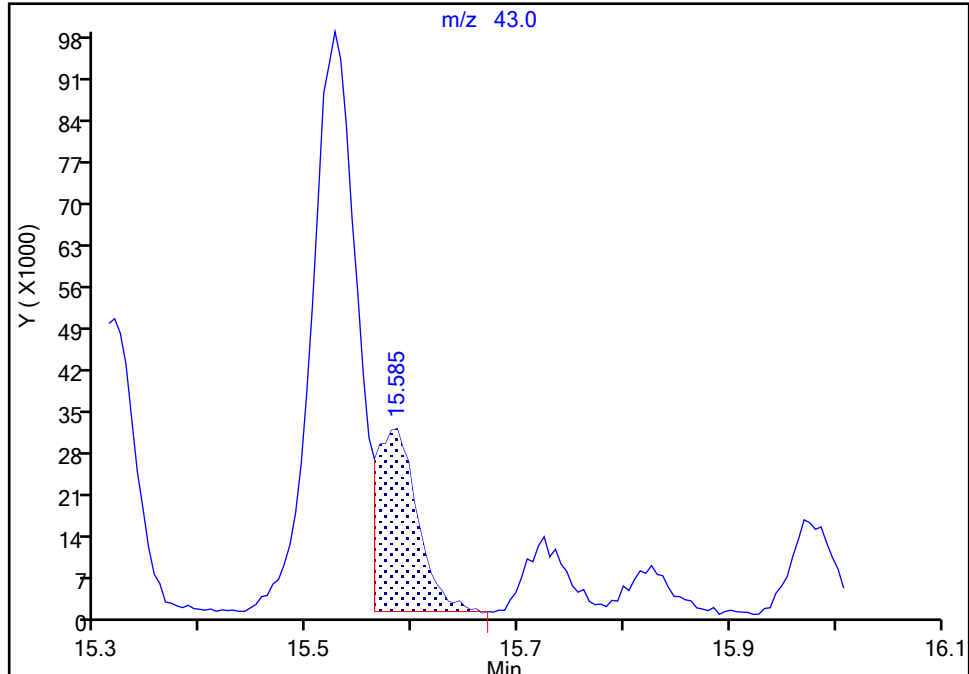
Data File: \\chromfs\Burlington\ChromData\CHW.i\20201218-44134.b\44134-018.d  
Injection Date: 18-Dec-2020 23:57:30 Instrument ID: CHW.i  
Lims ID: 200-56451-A-1 Lab Sample ID: 200-56451-1  
Client ID: SG-201  
Operator ID: ggg ALS Bottle#: 17 Worklist Smp#: 18  
Purge Vol: 200.000 mL Dil. Factor: 4.0000  
Method: TO15\_TO3\_MasterMethod\_W Limit Group: AI\_TO15\_ICAL  
Column: RTX-624 ( 0.32 mm) Detector: MS SCAN

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

Signal: 1

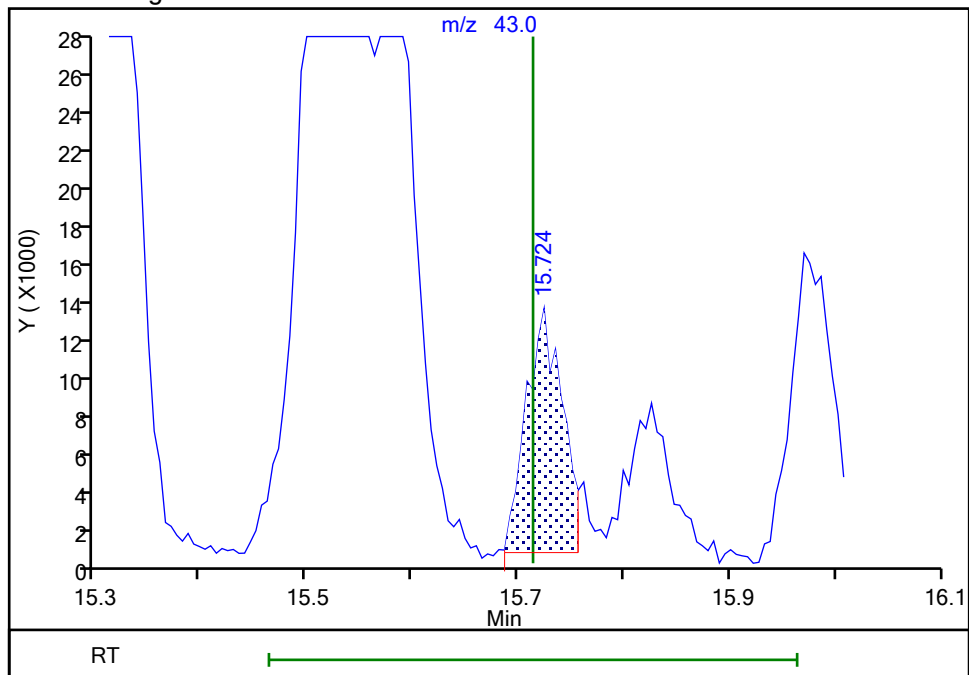
RT: 15.59  
Area: 82372  
Amount: 0.287418  
Amount Units: ppb v/v

## Processing Integration Results



RT: 15.72  
Area: 29610  
Amount: 0.103317  
Amount Units: ppb v/v

## Manual Integration Results



Reviewer: bunmaa, 21-Dec-2020 12:39:56

Audit Action: Manually Integrated

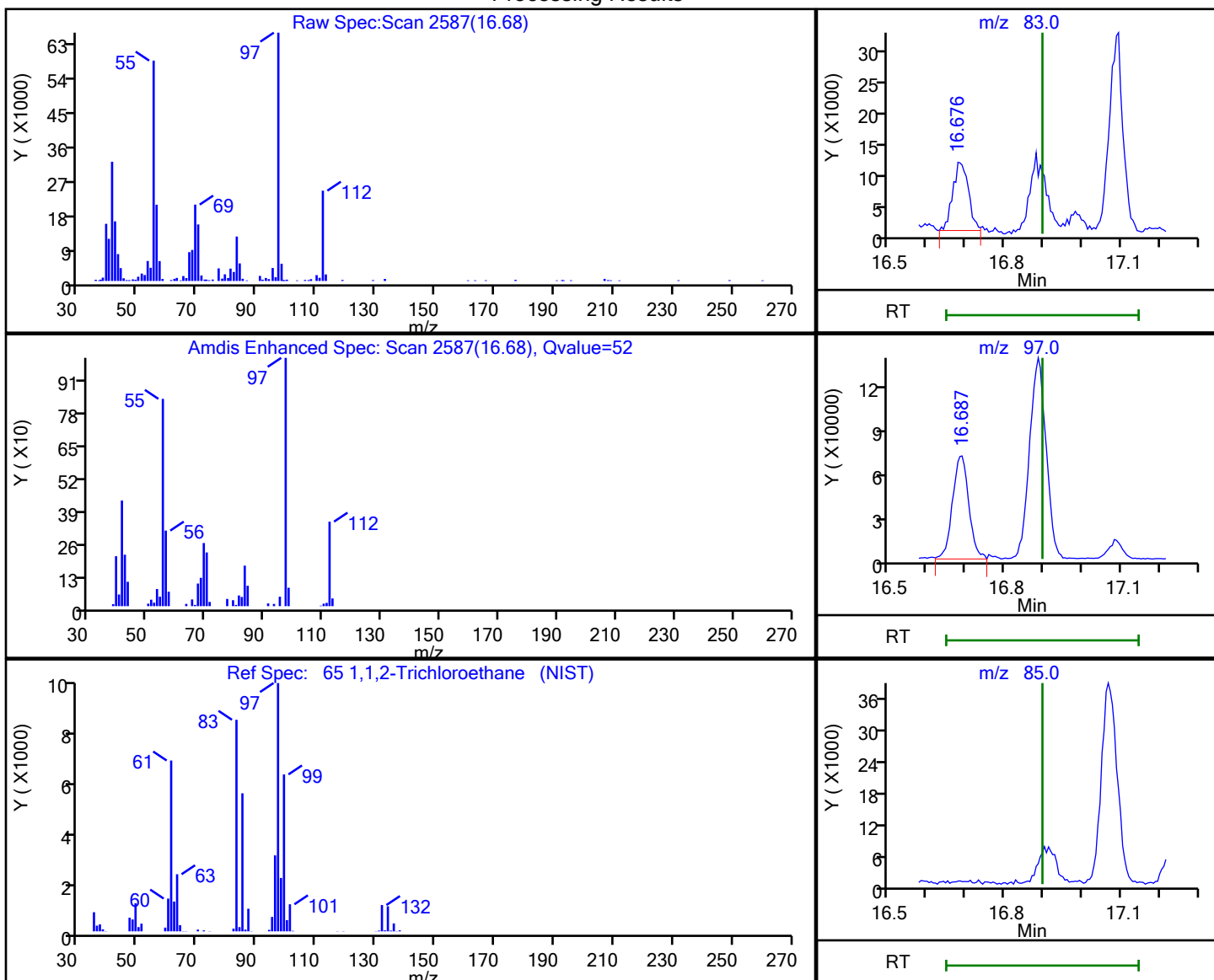
Audit Reason: Assign Peak

## Eurofins TestAmerica, Burlington

Data File: \\chromfs\Burlington\ChromData\CHW.i\20201218-44134.b\44134-018.d  
Injection Date: 18-Dec-2020 23:57:30 Instrument ID: CHW.i  
Lims ID: 200-56451-A-1 Lab Sample ID: 200-56451-1  
Client ID: SG-201  
Operator ID: ggg ALS Bottle#: 17 Worklist Smp#: 18  
Purge Vol: 200.000 mL Dil. Factor: 4.0000  
Method: TO15\_TO3\_MasterMethod\_W Limit Group: AI\_TO15\_ICAL  
Column: RTX-624 ( 0.32 mm) Detector: MS SCAN

## 65 1,1,2-Trichloroethane, CAS: 79-00-5

## Processing Results



| RT    | Mass  | Response | Amount   |
|-------|-------|----------|----------|
| 16.68 | 83.00 | 31532    | 0.236407 |
| 16.69 | 97.00 | 203010   |          |
| 16.90 | 85.00 | 0        |          |

Reviewer: bunmaa, 21-Dec-2020 12:40:19

Audit Action: Marked Compound Undetected

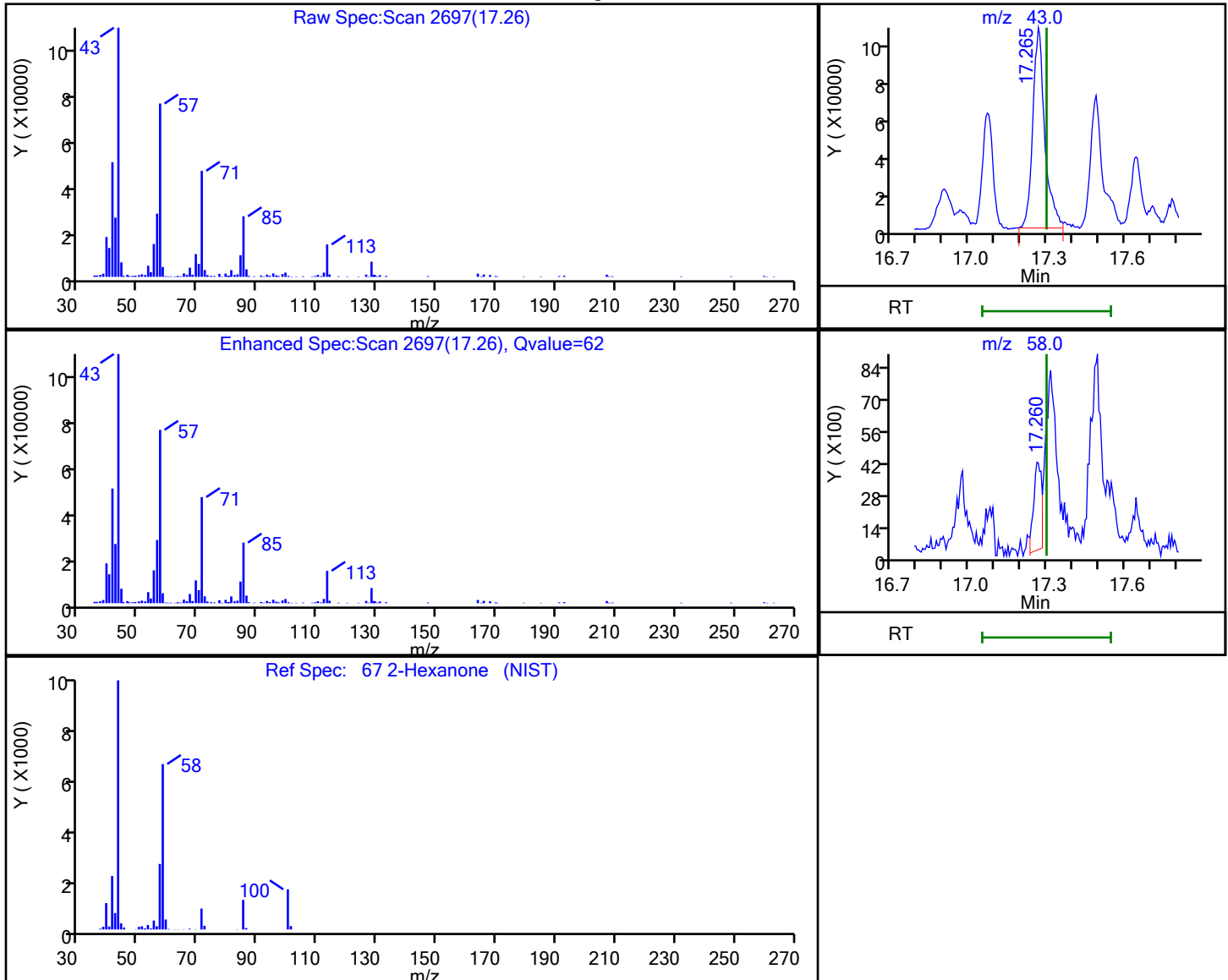
Audit Reason: Invalid Compound ID

## Eurofins TestAmerica, Burlington

Data File: \\chromfs\Burlington\ChromData\CHW.i\20201218-44134.b\44134-018.d  
Injection Date: 18-Dec-2020 23:57:30 Instrument ID: CHW.i  
Lims ID: 200-56451-A-1 Lab Sample ID: 200-56451-1  
Client ID: SG-201  
Operator ID: ggg ALS Bottle#: 17 Worklist Smp#: 18  
Purge Vol: 200.000 mL Dil. Factor: 4.0000  
Method: TO15\_TO3\_MasterMethod\_W Limit Group: AI\_TO15\_ICAL  
Column: RTX-624 ( 0.32 mm) Detector: MS SCAN

## 67 2-Hexanone, CAS: 591-78-6

## Processing Results



| RT    | Mass  | Response | Amount   |
|-------|-------|----------|----------|
| 17.26 | 43.00 | 330971   | 1.359691 |
| 17.26 | 58.00 | 8426     |          |

Reviewer: bunmaa, 21-Dec-2020 12:40:56

Audit Action: Marked Compound Undetected

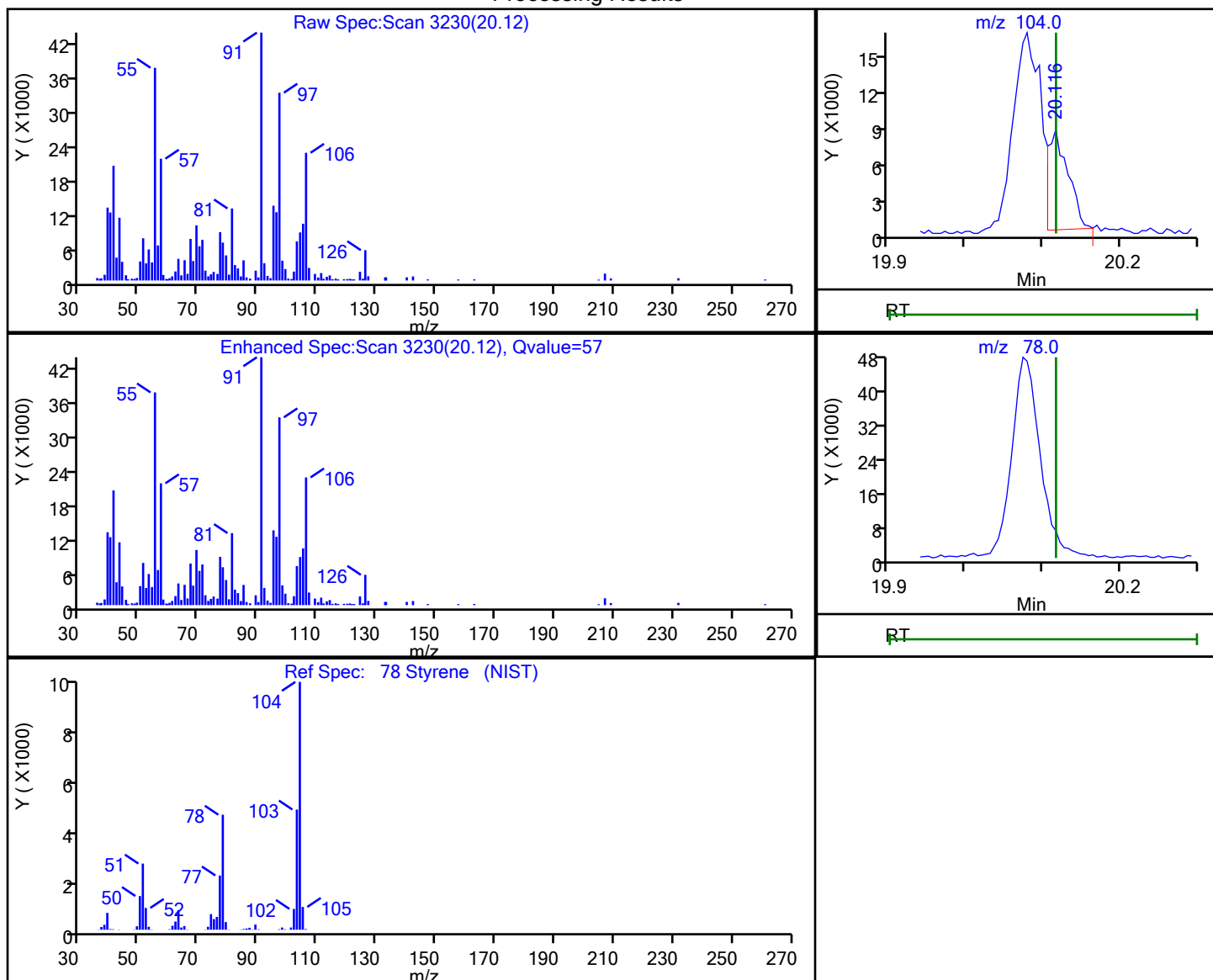
Audit Reason: Invalid Compound ID

## Eurofins TestAmerica, Burlington

Data File: \\chromfs\Burlington\ChromData\CHW.i\20201218-44134.b\44134-018.d  
Injection Date: 18-Dec-2020 23:57:30 Instrument ID: CHW.i  
Lims ID: 200-56451-A-1 Lab Sample ID: 200-56451-1  
Client ID: SG-201  
Operator ID: ggg ALS Bottle#: 17 Worklist Smp#: 18  
Purge Vol: 200.000 mL Dil. Factor: 4.0000  
Method: TO15\_TO3\_MasterMethod\_W Limit Group: AI\_TO15\_ICAL  
Column: RTX-624 ( 0.32 mm) Detector: MS SCAN

## 78 Styrene, CAS: 100-42-5

## Processing Results



| RT    | Mass   | Response | Amount   |
|-------|--------|----------|----------|
| 20.12 | 104.00 | 14857    | 0.045277 |
| 20.12 | 78.00  | 0        |          |

Reviewer: bunmaa, 21-Dec-2020 12:41:27

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

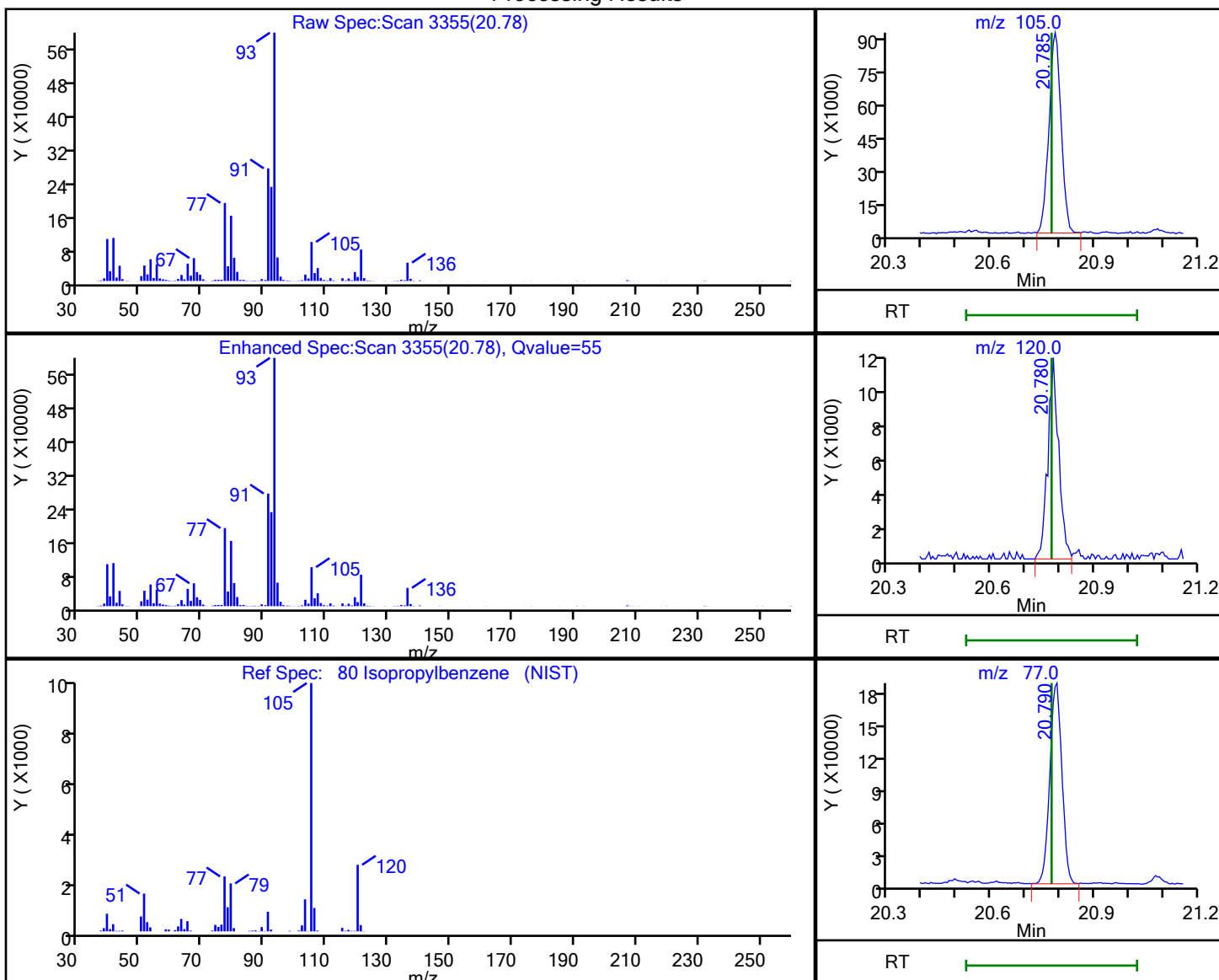


## Eurofins TestAmerica, Burlington

Data File: \\chromfs\Burlington\ChromData\CHW.i\20201218-44134.b\44134-018.d  
Injection Date: 18-Dec-2020 23:57:30 Instrument ID: CHW.i  
Lims ID: 200-56451-A-1 Lab Sample ID: 200-56451-1  
Client ID: SG-201  
Operator ID: ggg ALS Bottle#: 17 Worklist Smp#: 18  
Purge Vol: 200.000 mL Dil. Factor: 4.0000  
Method: TO15\_TO3\_MasterMethod\_W Limit Group: AI\_TO15\_ICAL  
Column: RTX-624 ( 0.32 mm) Detector: MS SCAN

## 80 Isopropylbenzene, CAS: 98-82-8

## Processing Results



| RT    | Mass   | Response | Amount   |
|-------|--------|----------|----------|
| 20.78 | 105.00 | 227776   | 0.359211 |
| 20.78 | 120.00 | 26434    |          |
| 20.79 | 77.00  | 462869   |          |

Reviewer: bunmaa, 21-Dec-2020 12:41:34

Audit Action: Marked Compound Undetected

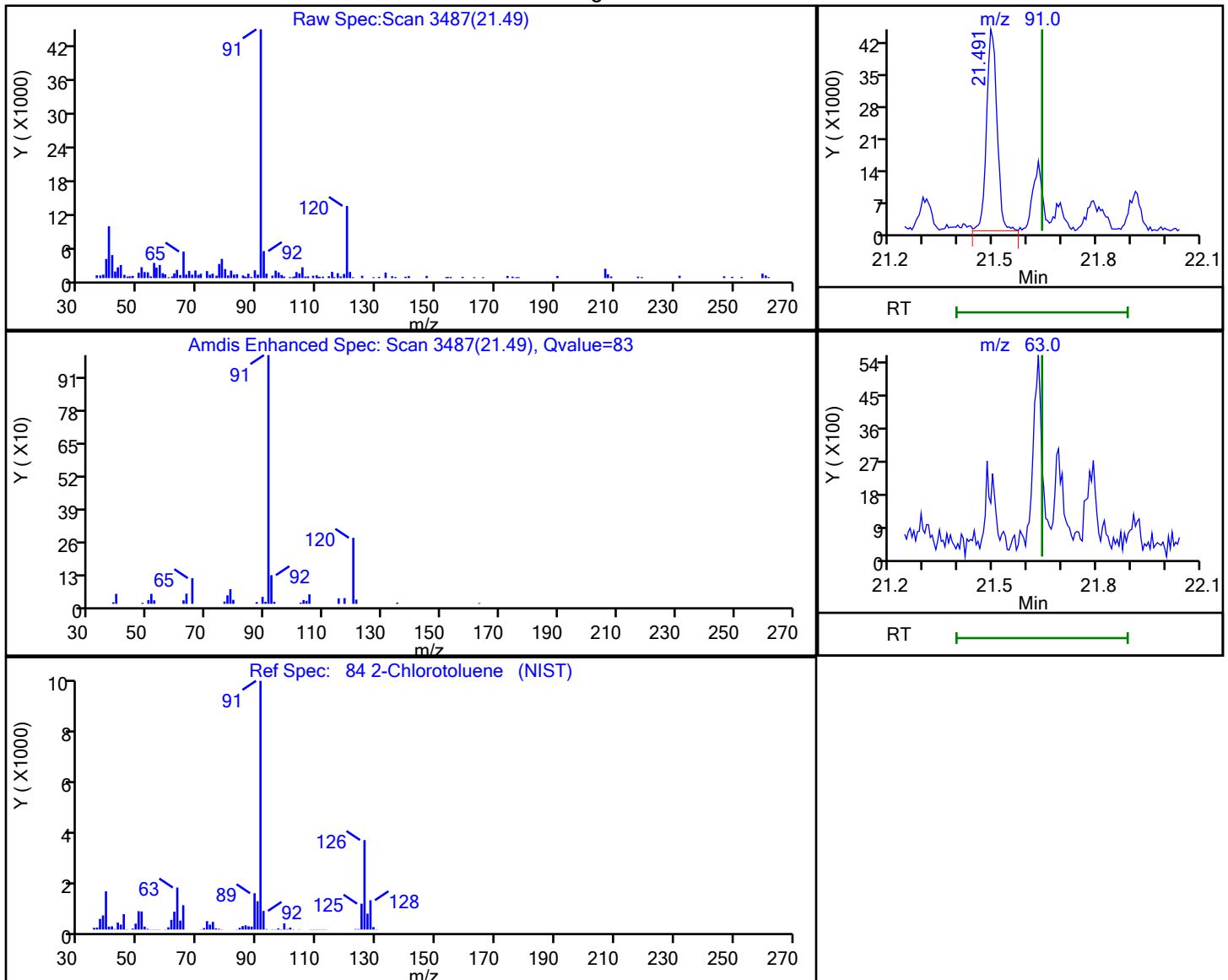
Audit Reason: Invalid Compound ID

## Eurofins TestAmerica, Burlington

Data File: \\chromfs\Burlington\ChromData\CHW.i\20201218-44134.b\44134-018.d  
Injection Date: 18-Dec-2020 23:57:30 Instrument ID: CHW.i  
Lims ID: 200-56451-A-1 Lab Sample ID: 200-56451-1  
Client ID: SG-201  
Operator ID: ggg ALS Bottle#: 17 Worklist Smp#: 18  
Purge Vol: 200.000 mL Dil. Factor: 4.0000  
Method: TO15\_TO3\_MasterMethod\_W Limit Group: AI\_TO15\_ICAL  
Column: RTX-624 ( 0.32 mm) Detector: MS SCAN

## 84 2-Chlorotoluene, CAS: 95-49-8

## Processing Results



| RT    | Mass  | Response | Amount   |
|-------|-------|----------|----------|
| 21.49 | 91.00 | 93022    | 0.195861 |
| 21.64 | 63.00 | 0        |          |

Reviewer: bunmaa, 21-Dec-2020 12:41:50

Audit Action: Marked Compound Undetected

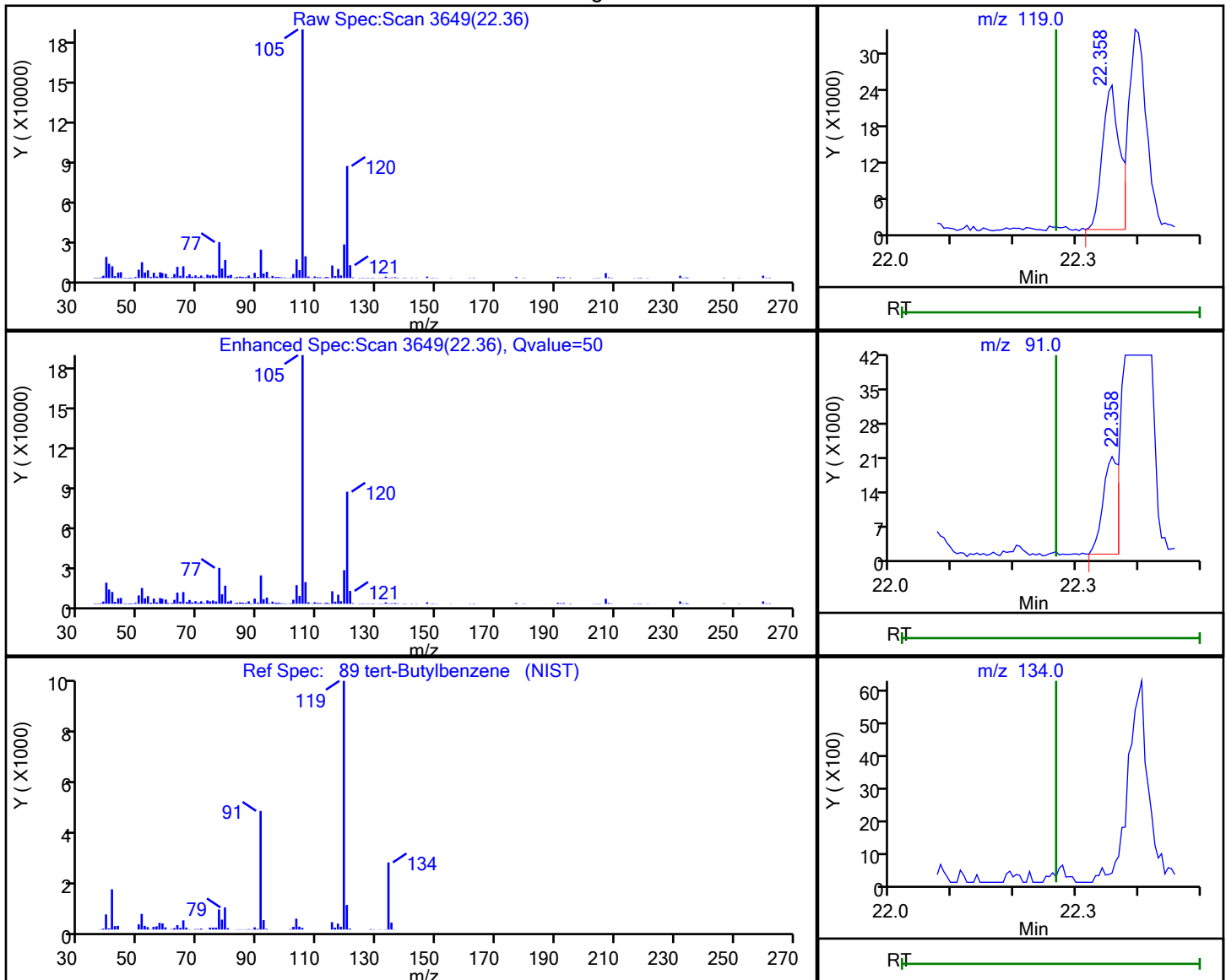
Audit Reason: Invalid Compound ID

## Eurofins TestAmerica, Burlington

Data File: \\chromfs\Burlington\ChromData\CHW.i\20201218-44134.b\44134-018.d  
Injection Date: 18-Dec-2020 23:57:30 Instrument ID: CHW.i  
Lims ID: 200-56451-A-1 Lab Sample ID: 200-56451-1  
Client ID: SG-201  
Operator ID: ggg ALS Bottle#: 17 Worklist Smp#: 18  
Purge Vol: 200.000 mL Dil. Factor: 4.0000  
Method: TO15\_TO3\_MasterMethod\_W Limit Group: AI\_TO15\_ICAL  
Column: RTX-624 ( 0.32 mm) Detector: MS SCAN

## 89 tert-Butylbenzene, CAS: 98-06-6

## Processing Results



| RT    | Mass   | Response | Amount   |
|-------|--------|----------|----------|
| 22.36 | 119.00 | 46866    | 0.086548 |
| 22.36 | 91.00  | 34671    |          |
| 22.27 | 134.00 | 0        |          |

Reviewer: bunmaa, 21-Dec-2020 12:42:01

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

## Eurofins TestAmerica, Burlington

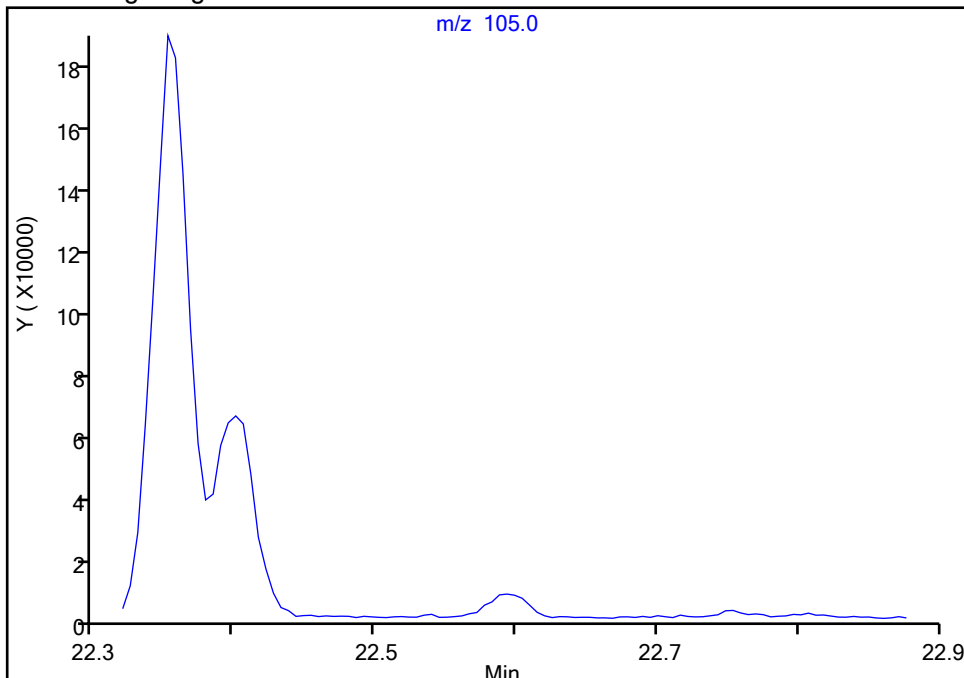
|                 |                                                                   |                |              |
|-----------------|-------------------------------------------------------------------|----------------|--------------|
| Data File:      | \\chromfs\Burlington\ChromData\CHW.i\20201218-44134.b\44134-018.d |                |              |
| Injection Date: | 18-Dec-2020 23:57:30                                              | Instrument ID: | CHW.i        |
| Lims ID:        | 200-56451-A-1                                                     | Lab Sample ID: | 200-56451-1  |
| Client ID:      | SG-201                                                            |                |              |
| Operator ID:    | ggg                                                               | ALS Bottle#:   | 17           |
| Purge Vol:      | 200.000 mL                                                        | Dil. Factor:   | 4.0000       |
| Method:         | TO15_TO3_MasterMethod_W                                           | Limit Group:   | AI_TO15_ICAL |
| Column:         | RTX-624 ( 0.32 mm)                                                | Detector:      | MS SCAN      |
|                 |                                                                   | Worklist Smp#: | 18           |

**91 sec-Butylbenzene, CAS: 135-98-8**

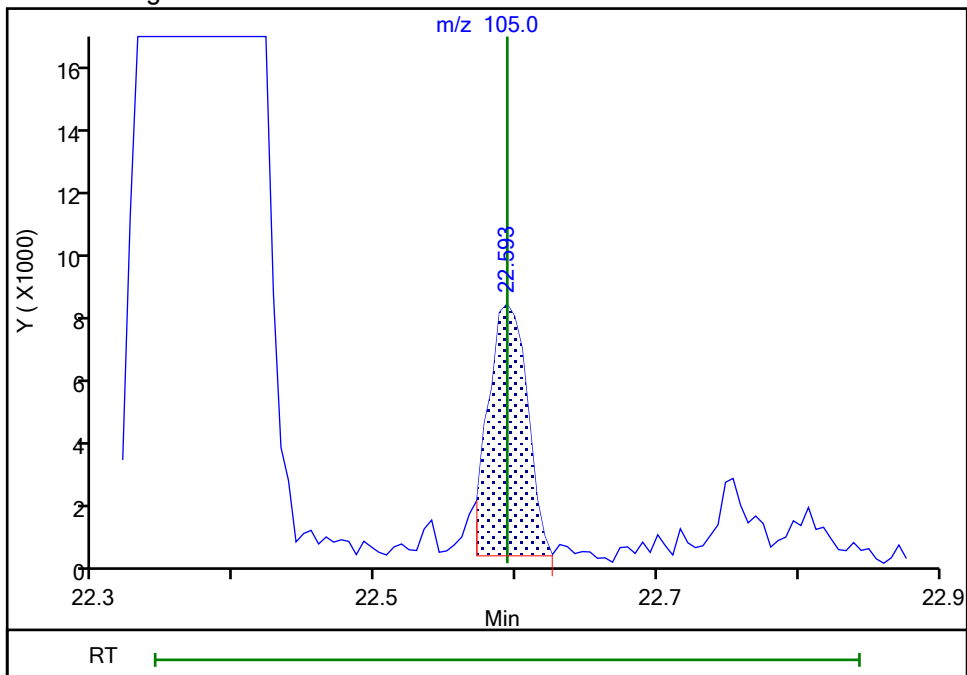
Signal: 1

Not Detected  
Expected RT: 22.59

## Processing Integration Results



## Manual Integration Results



Reviewer: bunmaa, 21-Dec-2020 12:42:23

Audit Action: Manually Integrated

Audit Reason: Assign Peak

## Eurofins TestAmerica, Burlington

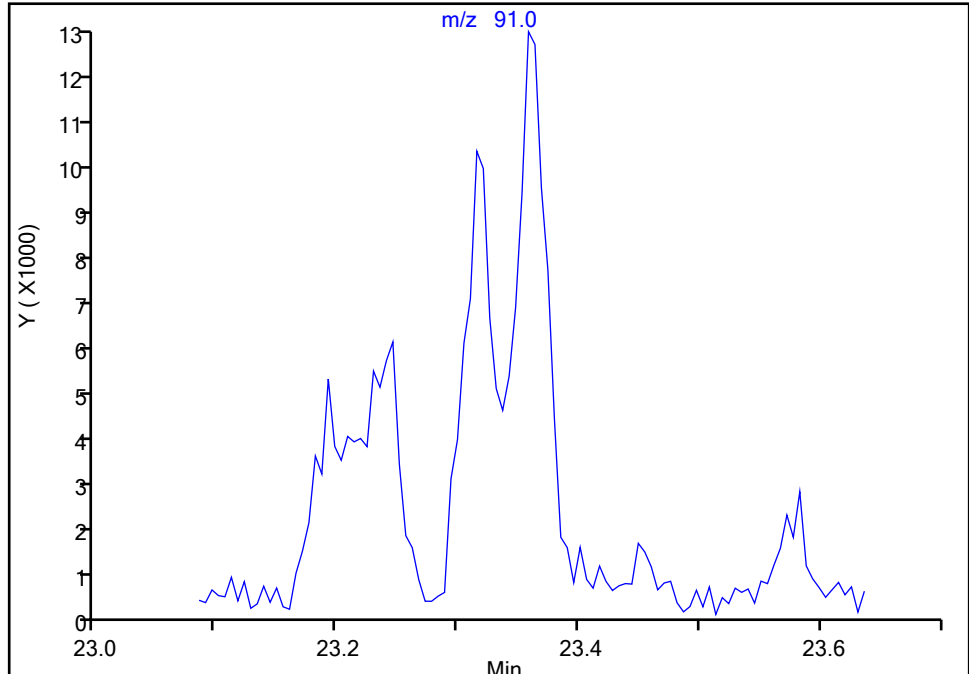
|                 |                                                                   |                |              |
|-----------------|-------------------------------------------------------------------|----------------|--------------|
| Data File:      | \\chromfs\Burlington\ChromData\CHW.i\20201218-44134.b\44134-018.d |                |              |
| Injection Date: | 18-Dec-2020 23:57:30                                              | Instrument ID: | CHW.i        |
| Lims ID:        | 200-56451-A-1                                                     | Lab Sample ID: | 200-56451-1  |
| Client ID:      | SG-201                                                            |                |              |
| Operator ID:    | ggg                                                               | ALS Bottle#:   | 17           |
| Purge Vol:      | 200.000 mL                                                        | Dil. Factor:   | 4.0000       |
| Method:         | TO15_TO3_MasterMethod_W                                           | Limit Group:   | AI_TO15_ICAL |
| Column:         | RTX-624 ( 0.32 mm)                                                | Detector:      | MS SCAN      |
|                 |                                                                   | Worklist Smp#: | 18           |

**96 n-Butylbenzene, CAS: 104-51-8**

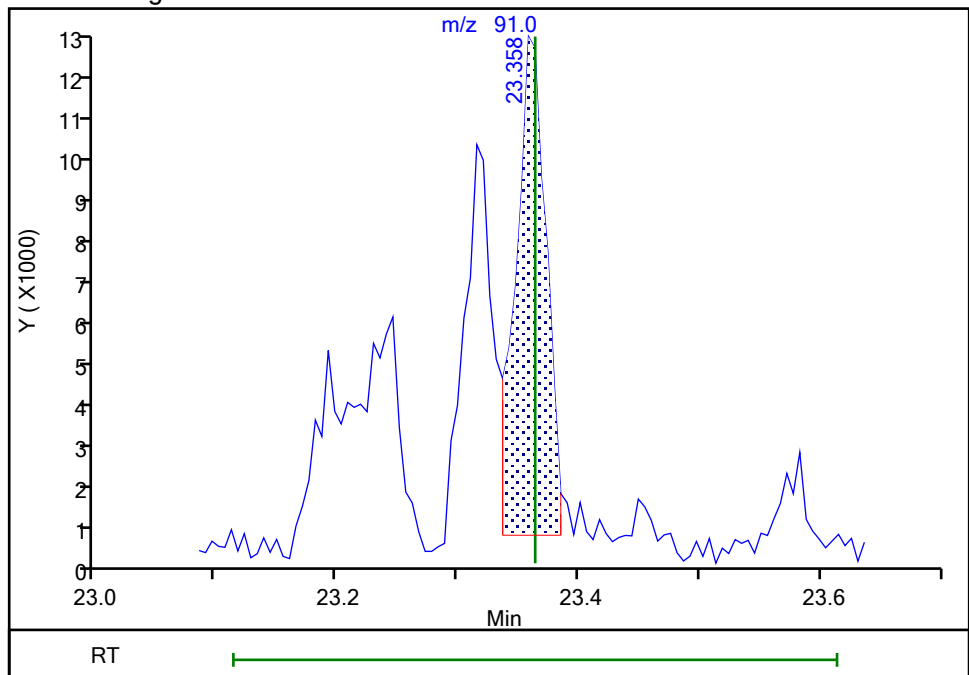
Signal: 1

Not Detected  
Expected RT: 23.36

## Processing Integration Results



## Manual Integration Results



Reviewer: bunmaa, 21-Dec-2020 12:42:42

Audit Action: Manually Integrated

Audit Reason: Assign Peak

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

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-56451-1  
 SDG No.: 200-56451-1  
 Client Sample ID: SG-202 Lab Sample ID: 200-56451-2  
 Matrix: Air Lab File ID: 44134-019.d  
 Analysis Method: TO-15 Date Collected: 12/09/2020 14:59  
 Sample wt/vol: 200 (mL) Date Analyzed: 12/19/2020 00:52  
 Soil Aliquot Vol: \_\_\_\_\_ Dilution Factor: 1  
 Soil Extract Vol.: \_\_\_\_\_ GC Column: RTX-624 ID: 0.32 (mm)  
 % Moisture: \_\_\_\_\_ Level: (low/med) Low  
 Analysis Batch No.: 162240 Units: ug/m3

| CAS NO.   | COMPOUND NAME                    | MOLECULAR WEIGHT | RESULT | Q | RL   | MDL  |
|-----------|----------------------------------|------------------|--------|---|------|------|
| 75-71-8   | Dichlorodifluoromethane          | 120.91           | 2.1    | J | 2.5  | 0.54 |
| 75-45-6   | Chlorodifluoromethane            | 86.47            | 1.8    | U | 1.8  | 0.42 |
| 76-14-2   | 1,2-Dichlorotetrafluoroethane    | 170.92           | 1.4    | U | 1.4  | 0.24 |
| 74-87-3   | Chloromethane                    | 50.49            | 1.2    |   | 1.0  | 0.23 |
| 106-97-8  | <i>n</i> -Butane                 | 58.12            | 100    | E | 1.2  | 0.26 |
| 75-01-4   | Vinyl chloride                   | 62.50            | 0.20   | U | 0.20 | 0.11 |
| 106-99-0  | 1,3-Butadiene                    | 54.09            | 7.8    |   | 0.44 | 0.13 |
| 74-83-9   | Bromomethane                     | 94.94            | 0.78   | U | 0.78 | 0.20 |
| 75-00-3   | Chloroethane                     | 64.52            | 1.3    | U | 1.3  | 0.14 |
| 593-60-2  | Bromoethene (Vinyl Bromide)      | 106.96           | 0.87   | U | 0.87 | 0.23 |
| 75-69-4   | Trichlorofluoromethane           | 137.37           | 1.2    |   | 1.1  | 0.34 |
| 76-13-1   | 1,1,2-Trichlorotrifluoroethane   | 187.38           | 0.64   | J | 1.5  | 0.29 |
| 75-35-4   | 1,1-Dichloroethene               | 96.94            | 0.20   | U | 0.20 | 0.15 |
| 67-64-1   | Acetone                          | 58.08            | 6.6    | J | 12   | 2.9  |
| 67-63-0   | Isopropyl alcohol                | 60.10            | 12     | U | 12   | 1.2  |
| 75-15-0   | Carbon disulfide                 | 76.14            | 1.6    |   | 1.6  | 0.23 |
| 107-05-1  | 3-Chloropropene                  | 76.53            | 1.6    | U | 1.6  | 0.20 |
| 75-09-2   | Methylene Chloride               | 84.93            | 1.7    | U | 1.7  | 0.94 |
| 75-65-0   | tert-Butyl alcohol               | 74.12            | 15     | U | 15   | 0.12 |
| 1634-04-4 | Methyl tert-butyl ether          | 88.15            | 0.72   | U | 0.72 | 0.12 |
| 156-60-5  | trans-1,2-Dichloroethene         | 96.94            | 0.79   | U | 0.79 | 0.17 |
| 110-54-3  | <i>n</i> -Hexane                 | 86.17            | 10     |   | 0.70 | 0.70 |
| 75-34-3   | 1,1-Dichloroethane               | 98.96            | 0.81   | U | 0.81 | 0.17 |
| 78-93-3   | Methyl Ethyl Ketone (2-Butanone) | 72.11            | 0.88   | J | 1.5  | 0.21 |
| 156-59-2  | cis-1,2-Dichloroethene           | 96.94            | 0.20   | U | 0.20 | 0.18 |
| 67-66-3   | Chloroform                       | 119.38           | 0.16   | J | 0.98 | 0.16 |
| 109-99-9  | Tetrahydrofuran                  | 72.11            | 15     | U | 15   | 0.19 |
| 71-55-6   | 1,1,1-Trichloroethane            | 133.41           | 1.1    | U | 1.1  | 0.20 |
| 110-82-7  | Cyclohexane                      | 84.16            | 1.1    |   | 0.69 | 0.16 |
| 56-23-5   | Carbon tetrachloride             | 153.81           | 0.34   |   | 0.22 | 0.15 |
| 540-84-1  | 2,2,4-Trimethylpentane           | 114.23           | 0.92   | J | 0.93 | 0.19 |
| 71-43-2   | Benzene                          | 78.11            | 1.4    |   | 0.64 | 0.21 |
| 107-06-2  | 1,2-Dichloroethane               | 98.96            | 0.81   | U | 0.81 | 0.13 |

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

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-56451-1  
 SDG No.: 200-56451-1  
 Client Sample ID: SG-202 Lab Sample ID: 200-56451-2  
 Matrix: Air Lab File ID: 44134-019.d  
 Analysis Method: TO-15 Date Collected: 12/09/2020 14:59  
 Sample wt/vol: 200 (mL) Date Analyzed: 12/19/2020 00:52  
 Soil Aliquot Vol: \_\_\_\_\_ Dilution Factor: 1  
 Soil Extract Vol.: \_\_\_\_\_ GC Column: RTX-624 ID: 0.32 (mm)  
 % Moisture: \_\_\_\_\_ Level: (low/med) Low  
 Analysis Batch No.: 162240 Units: ug/m3

| CAS NO.     | COMPOUND NAME                                    | MOLECULAR WEIGHT | RESULT | Q | RL   | MDL  |
|-------------|--------------------------------------------------|------------------|--------|---|------|------|
| 142-82-5    | n-Heptane                                        | 100.21           | 3.7    |   | 0.82 | 0.23 |
| 79-01-6     | Trichloroethene                                  | 131.39           | 1.3    |   | 0.20 | 0.19 |
| 80-62-6     | Methyl methacrylate                              | 100.12           | 2.0    | U | 2.0  | 0.14 |
| 78-87-5     | 1,2-Dichloropropane                              | 112.99           | 0.92   | U | 0.92 | 0.15 |
| 123-91-1    | 1,4-Dioxane                                      | 88.11            | 18     | U | 18   | 0.30 |
| 75-27-4     | Bromodichloromethane                             | 163.83           | 1.3    | U | 1.3  | 0.23 |
| 10061-01-5  | cis-1,3-Dichloropropene                          | 110.97           | 0.91   | U | 0.91 | 0.15 |
| 108-10-1    | 4-Methyl-2-pentanone<br>(Methyl isobutyl ketone) | 100.16           | 2.0    | U | 2.0  | 0.15 |
| 108-88-3    | Toluene                                          | 92.14            | 2.3    |   | 0.75 | 0.41 |
| 10061-02-6  | trans-1,3-Dichloropropene                        | 110.97           | 0.91   | U | 0.91 | 0.18 |
| 79-00-5     | 1,1,2-Trichloroethane                            | 133.41           | 1.1    | U | 1.1  | 0.20 |
| 127-18-4    | Tetrachloroethene                                | 165.83           | 14     |   | 1.4  | 0.22 |
| 591-78-6    | Methyl Butyl Ketone<br>(2-Hexanone)              | 100.20           | 2.0    | U | 2.0  | 0.20 |
| 124-48-1    | Dibromochloromethane                             | 208.28           | 1.7    | U | 1.7  | 0.31 |
| 106-93-4    | 1,2-Dibromoethane                                | 187.87           | 1.5    | U | 1.5  | 0.38 |
| 108-90-7    | Chlorobenzene                                    | 112.56           | 0.92   | U | 0.92 | 0.26 |
| 100-41-4    | Ethylbenzene                                     | 106.17           | 0.57   | J | 0.87 | 0.27 |
| 179601-23-1 | m,p-Xylene                                       | 106.17           | 2.0    | J | 2.2  | 0.43 |
| 95-47-6     | o-Xylene                                         | 106.17           | 0.66   | J | 0.87 | 0.21 |
| 100-42-5    | Styrene                                          | 104.15           | 0.85   | U | 0.85 | 0.17 |
| 75-25-2     | Bromoform                                        | 252.75           | 2.1    | U | 2.1  | 0.50 |
| 98-82-8     | Cumene                                           | 120.19           | 0.98   | U | 0.98 | 0.17 |
| 79-34-5     | 1,1,2,2-Tetrachloroethane                        | 167.85           | 1.4    | U | 1.4  | 0.29 |
| 103-65-1    | n-Propylbenzene                                  | 120.19           | 0.20   | J | 0.98 | 0.19 |
| 622-96-8    | 4-Ethyltoluene                                   | 120.20           | 0.20   | J | 0.98 | 0.20 |
| 108-67-8    | 1,3,5-Trimethylbenzene                           | 120.20           | 0.33   | J | 0.98 | 0.19 |
| 95-49-8     | 2-Chlorotoluene                                  | 126.59           | 1.0    | U | 1.0  | 0.22 |
| 98-06-6     | tert-Butylbenzene                                | 134.22           | 1.1    | U | 1.1  | 0.19 |
| 95-63-6     | 1,2,4-Trimethylbenzene                           | 120.20           | 0.76   | J | 0.98 | 0.22 |
| 135-98-8    | sec-Butylbenzene                                 | 134.22           | 1.1    | U | 1.1  | 0.19 |
| 99-87-6     | 4-Isopropyltoluene                               | 134.22           | 0.28   | J | 1.1  | 0.21 |
| 541-73-1    | 1,3-Dichlorobenzene                              | 147.00           | 1.2    | U | 1.2  | 0.66 |
| 106-46-7    | 1,4-Dichlorobenzene                              | 147.00           | 1.2    | U | 1.2  | 0.72 |

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

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-56451-1  
SDG No.: 200-56451-1  
Client Sample ID: SG-202 Lab Sample ID: 200-56451-2  
Matrix: Air Lab File ID: 44134-019.d  
Analysis Method: TO-15 Date Collected: 12/09/2020 14:59  
Sample wt/vol: 200 (mL) Date Analyzed: 12/19/2020 00:52  
Soil Aliquot Vol: \_\_\_\_\_ Dilution Factor: 1  
Soil Extract Vol.: \_\_\_\_\_ GC Column: RTX-624 ID: 0.32 (mm)  
% Moisture: \_\_\_\_\_ Level: (low/med) Low  
Analysis Batch No.: 162240 Units: ug/m3

| CAS NO.  | COMPOUND NAME          | MOLECULAR WEIGHT | RESULT | Q | RL  | MDL  |
|----------|------------------------|------------------|--------|---|-----|------|
| 100-44-7 | Benzyl chloride        | 126.58           | 1.0    | U | 1.0 | 0.44 |
| 104-51-8 | n-Butylbenzene         | 134.22           | 1.1    | U | 1.1 | 0.21 |
| 95-50-1  | 1,2-Dichlorobenzene    | 147.00           | 1.2    | U | 1.2 | 0.58 |
| 120-82-1 | 1,2,4-Trichlorobenzene | 181.45           | 3.7    | U | 3.7 | 1.6  |
| 87-68-3  | Hexachlorobutadiene    | 260.76           | 2.1    | U | 2.1 | 0.81 |
| 91-20-3  | Naphthalene            | 128.17           | 2.6    | U | 2.6 | 0.89 |



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

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-56451-1  
 SDG No.: 200-56451-1  
 Client Sample ID: SG-202 Lab Sample ID: 200-56451-2  
 Matrix: Air Lab File ID: 44134-019.d  
 Analysis Method: TO-15 Date Collected: 12/09/2020 14:59  
 Sample wt/vol: 200 (mL) Date Analyzed: 12/19/2020 00:52  
 Soil Aliquot Vol: \_\_\_\_\_ Dilution Factor: 1  
 Soil Extract Vol.: \_\_\_\_\_ GC Column: RTX-624 ID: 0.32 (mm)  
 % Moisture: \_\_\_\_\_ Level: (low/med) Low  
 Analysis Batch No.: 162240 Units: ppb v/v

| CAS NO.   | COMPOUND NAME                    | MOLECULAR WEIGHT | RESULT | Q | RL    | MDL   |
|-----------|----------------------------------|------------------|--------|---|-------|-------|
| 75-71-8   | Dichlorodifluoromethane          | 120.91           | 0.42   | J | 0.50  | 0.11  |
| 75-45-6   | Chlorodifluoromethane            | 86.47            | 0.50   | U | 0.50  | 0.12  |
| 76-14-2   | 1,2-Dichlorotetrafluoroethane    | 170.92           | 0.20   | U | 0.20  | 0.035 |
| 74-87-3   | Chloromethane                    | 50.49            | 0.60   |   | 0.50  | 0.11  |
| 106-97-8  | <i>n</i> -Butane                 | 58.12            | 44     | E | 0.50  | 0.11  |
| 75-01-4   | Vinyl chloride                   | 62.50            | 0.078  | U | 0.078 | 0.044 |
| 106-99-0  | 1,3-Butadiene                    | 54.09            | 3.5    |   | 0.20  | 0.057 |
| 74-83-9   | Bromomethane                     | 94.94            | 0.20   | U | 0.20  | 0.051 |
| 75-00-3   | Chloroethane                     | 64.52            | 0.50   | U | 0.50  | 0.054 |
| 593-60-2  | Bromoethene (Vinyl Bromide)      | 106.96           | 0.20   | U | 0.20  | 0.052 |
| 75-69-4   | Trichlorofluoromethane           | 137.37           | 0.21   |   | 0.20  | 0.060 |
| 76-13-1   | 1,1,2-Trichlorotrifluoroethane   | 187.38           | 0.084  | J | 0.20  | 0.038 |
| 75-35-4   | 1,1-Dichloroethene               | 96.94            | 0.050  | U | 0.050 | 0.039 |
| 67-64-1   | Acetone                          | 58.08            | 2.8    | J | 5.0   | 1.2   |
| 67-63-0   | Isopropyl alcohol                | 60.10            | 5.0    | U | 5.0   | 0.48  |
| 75-15-0   | Carbon disulfide                 | 76.14            | 0.53   |   | 0.50  | 0.074 |
| 107-05-1  | 3-Chloropropene                  | 76.53            | 0.50   | U | 0.50  | 0.064 |
| 75-09-2   | Methylene Chloride               | 84.93            | 0.50   | U | 0.50  | 0.27  |
| 75-65-0   | tert-Butyl alcohol               | 74.12            | 5.0    | U | 5.0   | 0.038 |
| 1634-04-4 | Methyl tert-butyl ether          | 88.15            | 0.20   | U | 0.20  | 0.033 |
| 156-60-5  | trans-1,2-Dichloroethene         | 96.94            | 0.20   | U | 0.20  | 0.042 |
| 110-54-3  | <i>n</i> -Hexane                 | 86.17            | 2.9    |   | 0.20  | 0.20  |
| 75-34-3   | 1,1-Dichloroethane               | 98.96            | 0.20   | U | 0.20  | 0.041 |
| 78-93-3   | Methyl Ethyl Ketone (2-Butanone) | 72.11            | 0.30   | J | 0.50  | 0.072 |
| 156-59-2  | cis-1,2-Dichloroethene           | 96.94            | 0.050  | U | 0.050 | 0.045 |
| 67-66-3   | Chloroform                       | 119.38           | 0.033  | J | 0.20  | 0.032 |
| 109-99-9  | Tetrahydrofuran                  | 72.11            | 5.0    | U | 5.0   | 0.066 |
| 71-55-6   | 1,1,1-Trichloroethane            | 133.41           | 0.20   | U | 0.20  | 0.036 |
| 110-82-7  | Cyclohexane                      | 84.16            | 0.32   |   | 0.20  | 0.046 |
| 56-23-5   | Carbon tetrachloride             | 153.81           | 0.054  |   | 0.035 | 0.024 |
| 540-84-1  | 2,2,4-Trimethylpentane           | 114.23           | 0.20   | J | 0.20  | 0.041 |
| 71-43-2   | Benzene                          | 78.11            | 0.44   |   | 0.20  | 0.067 |
| 107-06-2  | 1,2-Dichloroethane               | 98.96            | 0.20   | U | 0.20  | 0.032 |

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

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-56451-1  
 SDG No.: 200-56451-1  
 Client Sample ID: SG-202 Lab Sample ID: 200-56451-2  
 Matrix: Air Lab File ID: 44134-019.d  
 Analysis Method: TO-15 Date Collected: 12/09/2020 14:59  
 Sample wt/vol: 200 (mL) Date Analyzed: 12/19/2020 00:52  
 Soil Aliquot Vol: \_\_\_\_\_ Dilution Factor: 1  
 Soil Extract Vol.: \_\_\_\_\_ GC Column: RTX-624 ID: 0.32 (mm)  
 % Moisture: \_\_\_\_\_ Level: (low/med) Low  
 Analysis Batch No.: 162240 Units: ppb v/v

| CAS NO.     | COMPOUND NAME                                    | MOLECULAR WEIGHT | RESULT | Q | RL    | MDL   |
|-------------|--------------------------------------------------|------------------|--------|---|-------|-------|
| 142-82-5    | n-Heptane                                        | 100.21           | 0.91   |   | 0.20  | 0.056 |
| 79-01-6     | Trichloroethene                                  | 131.39           | 0.23   |   | 0.037 | 0.035 |
| 80-62-6     | Methyl methacrylate                              | 100.12           | 0.50   | U | 0.50  | 0.033 |
| 78-87-5     | 1,2-Dichloropropane                              | 112.99           | 0.20   | U | 0.20  | 0.033 |
| 123-91-1    | 1,4-Dioxane                                      | 88.11            | 5.0    | U | 5.0   | 0.084 |
| 75-27-4     | Bromodichloromethane                             | 163.83           | 0.20   | U | 0.20  | 0.035 |
| 10061-01-5  | cis-1,3-Dichloropropene                          | 110.97           | 0.20   | U | 0.20  | 0.032 |
| 108-10-1    | 4-Methyl-2-pentanone<br>(Methyl isobutyl ketone) | 100.16           | 0.50   | U | 0.50  | 0.036 |
| 108-88-3    | Toluene                                          | 92.14            | 0.61   |   | 0.20  | 0.11  |
| 10061-02-6  | trans-1,3-Dichloropropene                        | 110.97           | 0.20   | U | 0.20  | 0.039 |
| 79-00-5     | 1,1,2-Trichloroethane                            | 133.41           | 0.20   | U | 0.20  | 0.036 |
| 127-18-4    | Tetrachloroethene                                | 165.83           | 2.1    |   | 0.20  | 0.033 |
| 591-78-6    | Methyl Butyl Ketone<br>(2-Hexanone)              | 100.20           | 0.50   | U | 0.50  | 0.048 |
| 124-48-1    | Dibromochloromethane                             | 208.28           | 0.20   | U | 0.20  | 0.036 |
| 106-93-4    | 1,2-Dibromoethane                                | 187.87           | 0.20   | U | 0.20  | 0.049 |
| 108-90-7    | Chlorobenzene                                    | 112.56           | 0.20   | U | 0.20  | 0.056 |
| 100-41-4    | Ethylbenzene                                     | 106.17           | 0.13   | J | 0.20  | 0.063 |
| 179601-23-1 | m,p-Xylene                                       | 106.17           | 0.45   | J | 0.50  | 0.10  |
| 95-47-6     | o-Xylene                                         | 106.17           | 0.15   | J | 0.20  | 0.048 |
| 100-42-5    | Styrene                                          | 104.15           | 0.20   | U | 0.20  | 0.040 |
| 75-25-2     | Bromoform                                        | 252.75           | 0.20   | U | 0.20  | 0.048 |
| 98-82-8     | Cumene                                           | 120.19           | 0.20   | U | 0.20  | 0.035 |
| 79-34-5     | 1,1,2,2-Tetrachloroethane                        | 167.85           | 0.20   | U | 0.20  | 0.042 |
| 103-65-1    | n-Propylbenzene                                  | 120.19           | 0.040  | J | 0.20  | 0.039 |
| 622-96-8    | 4-Ethyltoluene                                   | 120.20           | 0.042  | J | 0.20  | 0.041 |
| 108-67-8    | 1,3,5-Trimethylbenzene                           | 120.20           | 0.067  | J | 0.20  | 0.039 |
| 95-49-8     | 2-Chlorotoluene                                  | 126.59           | 0.20   | U | 0.20  | 0.042 |
| 98-06-6     | tert-Butylbenzene                                | 134.22           | 0.20   | U | 0.20  | 0.035 |
| 95-63-6     | 1,2,4-Trimethylbenzene                           | 120.20           | 0.16   | J | 0.20  | 0.044 |
| 135-98-8    | sec-Butylbenzene                                 | 134.22           | 0.20   | U | 0.20  | 0.035 |
| 99-87-6     | 4-Isopropyltoluene                               | 134.22           | 0.051  | J | 0.20  | 0.039 |
| 541-73-1    | 1,3-Dichlorobenzene                              | 147.00           | 0.20   | U | 0.20  | 0.11  |
| 106-46-7    | 1,4-Dichlorobenzene                              | 147.00           | 0.20   | U | 0.20  | 0.12  |

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

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-56451-1  
SDG No.: 200-56451-1  
Client Sample ID: SG-202 Lab Sample ID: 200-56451-2  
Matrix: Air Lab File ID: 44134-019.d  
Analysis Method: TO-15 Date Collected: 12/09/2020 14:59  
Sample wt/vol: 200 (mL) Date Analyzed: 12/19/2020 00:52  
Soil Aliquot Vol: \_\_\_\_\_ Dilution Factor: 1  
Soil Extract Vol.: \_\_\_\_\_ GC Column: RTX-624 ID: 0.32 (mm)  
% Moisture: \_\_\_\_\_ Level: (low/med) Low  
Analysis Batch No.: 162240 Units: ppb v/v

| CAS NO.  | COMPOUND NAME          | MOLECULAR WEIGHT | RESULT | Q | RL   | MDL   |
|----------|------------------------|------------------|--------|---|------|-------|
| 100-44-7 | Benzyl chloride        | 126.58           | 0.20   | U | 0.20 | 0.085 |
| 104-51-8 | n-Butylbenzene         | 134.22           | 0.20   | U | 0.20 | 0.039 |
| 95-50-1  | 1,2-Dichlorobenzene    | 147.00           | 0.20   | U | 0.20 | 0.097 |
| 120-82-1 | 1,2,4-Trichlorobenzene | 181.45           | 0.50   | U | 0.50 | 0.22  |
| 87-68-3  | Hexachlorobutadiene    | 260.76           | 0.20   | U | 0.20 | 0.076 |
| 91-20-3  | Naphthalene            | 128.17           | 0.50   | U | 0.50 | 0.17  |

Eurofins TestAmerica, Burlington  
Target Compound Quantitation Report

Data File: \\chromfs\Burlington\ChromData\CHW.i\20201218-44134.b\44134-019.d  
 Lims ID: 200-56451-A-2  
 Client ID: SG-202  
 Sample Type: Client  
 Inject. Date: 19-Dec-2020 00:52:30 ALS Bottle#: 18 Worklist Smp#: 19  
 Purge Vol: 200.000 mL Dil. Factor: 1.0000  
 Sample Info: 200-0044134-019  
 Operator ID: ggg Instrument ID: CHW.i  
 Method: \\chromfs\Burlington\ChromData\CHW.i\20201218-44134.b\TO15\_TO3\_MasterMethod\_W.m  
 Limit Group: AI\_TO15\_ICAL  
 Last Update: 21-Dec-2020 12:52:47 Calib Date: 11-Dec-2020 05:25:30  
 Integrator: RTE ID Type: Deconvolution ID  
 Quant Method: Internal Standard Quant By: Initial Calibration  
 Last ICal File: \\chromfs\Burlington\ChromData\CHW.i\20201210-44014.b\44014-016.d  
 Column 1 : RTX-624 ( 0.32 mm) Det: MS SCAN  
 Process Host: CTX1612

First Level Reviewer: bunmaa

Date: 21-Dec-2020 12:52:47

| Compound                           | Sig | RT (min.) | Adj RT (min.) | Dlt RT (min.) | Q  | Response | OnCol Amt ppb v/v | Flags |
|------------------------------------|-----|-----------|---------------|---------------|----|----------|-------------------|-------|
| 2 Dichlorodifluoromethane          | 85  | 4.089     | 4.110         | 0.016         | 99 | 159787   | 0.4229            |       |
| 3 Chlorodifluoromethane            | 51  |           | 4.116         |               |    |          | ND                | U     |
| 4 1,2-Dichloro-1,1,2,2-tetrafluoro | 85  |           | 4.469         |               |    |          | ND                | MU    |
| 5 Chloromethane                    | 50  | 4.576     | 4.549         | 0.016         | 99 | 80647    | 0.6001            |       |
| 6 Vinyl chloride                   | 62  |           | 4.897         |               |    |          | ND                | 7     |
| 7 Butane                           | 43  | 4.929     | 4.913         | 0.016         | 98 | 10565567 | 43.8              | E     |
| 8 Butadiene                        | 54  | 5.036     | 5.041         | 0.011         | 97 | 466842   | 3.53              |       |
| 9 Bromomethane                     | 94  |           | 5.758         |               |    |          | ND                | 7     |
| 11 Chloroethane                    | 64  |           | 6.047         |               |    |          | ND                | 7     |
| 13 Vinyl bromide                   | 106 |           | 6.485         |               |    |          | ND                | 7     |
| 14 Trichlorofluoromethane          | 101 | 6.662     | 6.635         | 0.005         | 97 | 66530    | 0.2145            |       |
| 20 1,1-Dichloroethene              | 96  |           | 7.753         |               |    |          | ND                | U     |
| 21 112TCTFE                        | 101 | 7.807     | 7.791         | 0.006         | 87 | 20040    | 0.0842            |       |
| 22 Acetone                         | 43  | 7.866     | 7.855         | 0.011         | 98 | 461644   | 2.80              |       |
| 24 Carbon disulfide                | 76  | 8.171     | 8.165         | 0.006         | 99 | 173383   | 0.5278            |       |
| 23 Isopropyl alcohol               | 45  | 8.219     | 8.229         | 0.048         | 98 | 52840    | 0.2903            |       |
| 26 3-Chloro-1-propene              | 41  |           | 8.470         |               |    |          | ND                | U     |
| 27 Methylene Chloride              | 49  | 8.705     | 8.689         | -0.001        | 90 | 22388    | 0.1722            |       |
| 28 2-Methyl-2-propanol             | 59  |           | 8.941         |               |    |          | ND                | 7     |
| 30 trans-1,2-Dichloroethene        | 61  |           | 9.219         |               |    |          | ND                |       |
| 31 Methyl tert-butyl ether         | 73  |           | 9.230         |               |    |          | ND                | 7     |
| 32 Hexane                          | 57  | 9.738     | 9.717         | 0.005         | 92 | 448070   | 2.91              |       |
| 33 1,1-Dichloroethane              | 63  |           | 9.995         |               |    |          | ND                | U     |
| 36 2-Butanone (MEK)                | 72  | 11.006    | 11.006        | 0.021         | 99 | 14975    | 0.2996            | M     |
| 37 cis-1,2-Dichloroethene          | 96  |           | 11.001        |               |    |          | ND                | 7     |
| * 39 Chlorobromomethane            | 128 | 11.418    | 11.423        | -0.005        | 89 | 804247   | 10.0              |       |
| 40 Tetrahydrofuran                 | 42  |           | 11.466        |               |    |          | ND                |       |
| 41 Chloroform                      | 83  | 11.594    | 11.589        | -0.006        | 46 | 8259     | 0.0333            |       |
| 42 1,1,1-Trichloroethane           | 97  |           | 11.910        |               |    |          | ND                | MU    |
| 43 Cyclohexane                     | 84  | 12.033    | 12.033        | -0.011        | 86 | 47311    | 0.3196            | M     |
| 44 Carbon tetrachloride            | 117 | 12.177    | 12.177        | -0.011        | 96 | 15657    | 0.0540            |       |
| 45 Benzene                         | 78  | 12.536    | 12.525        | -0.005        | 97 | 152646   | 0.4441            |       |

| Compound                       | Sig | RT (min.) | Adj RT (min.) | Dlt RT (min.) | Q  | Response | OnCol Amt ppb v/v | Flags |
|--------------------------------|-----|-----------|---------------|---------------|----|----------|-------------------|-------|
| 46 1,2-Dichloroethane          | 62  |           | 12.616        |               |    |          | ND                | MU    |
| 47 Isooctane                   | 57  | 12.755    | 12.755        | 0.000         | 83 | 97344    | 0.1959            | M     |
| 48 n-Heptane                   | 43  | 13.071    | 13.055        | 0.000         | 94 | 167724   | 0.9066            |       |
| * 50 1,4-Difluorobenzene       | 114 | 13.279    | 13.285        | -0.006        | 95 | 3922289  | 10.0              |       |
| 51 Trichloroethene             | 95  | 13.718    | 13.712        | 0.000         | 97 | 38122    | 0.2341            |       |
| 54 1,2-Dichloropropane         | 63  |           | 14.178        |               |    |          | ND                | 7     |
| 55 Methyl methacrylate         | 69  |           | 14.269        |               |    |          | ND                | U     |
| 56 1,4-Dioxane                 | 88  |           | 14.307        |               |    |          | ND                | 7     |
| 58 Dichlorobromomethane        | 83  |           | 14.649        |               |    |          | ND                |       |
| 60 cis-1,3-Dichloropropene     | 75  |           | 15.457        |               |    |          | ND                | 7     |
| 61 4-Methyl-2-pentanone (MIBK) | 43  |           | 15.714        |               |    |          | ND                | 7     |
| 62 Toluene                     | 92  | 16.099    | 16.104        | 0.000         | 96 | 142756   | 0.6100            |       |
| 64 trans-1,3-Dichloropropene   | 75  |           | 16.516        |               |    |          | ND                | 7     |
| 65 1,1,2-Trichloroethane       | 83  |           | 16.896        |               |    |          | ND                | U     |
| 66 Tetrachloroethene           | 166 | 17.088    | 17.083        | -0.001        | 97 | 505504   | 2.12              |       |
| 67 2-Hexanone                  | 43  |           | 17.297        |               |    |          | ND                | MU    |
| 68 Chlorodibromomethane        | 129 |           | 17.634        |               |    |          | ND                |       |
| 69 Ethylene Dibromide          | 107 |           | 17.875        |               |    |          | ND                | 7     |
| * 70 Chlorobenzene-d5          | 117 | 18.784    | 18.790        | -0.006        | 86 | 3238742  | 10.0              |       |
| 71 Chlorobenzene               | 112 |           | 18.849        |               |    |          | ND                | 7     |
| 73 Ethylbenzene                | 91  | 19.036    | 19.041        | -0.005        | 99 | 69036    | 0.1320            |       |
| 74 m-Xylene & p-Xylene         | 106 | 19.293    | 19.308        | -0.010        | 0  | 91520    | 0.4521            |       |
| 76 o-Xylene                    | 106 | 20.084    | 20.073        | 0.005         | 99 | 29260    | 0.1528            |       |
| 78 Styrene                     | 104 | 20.122    | 20.122        | 0.006         | 57 | 2874     | 0.009862          | M     |
| 79 Bromoform                   | 173 |           | 20.464        |               |    |          | ND                |       |
| 80 Isopropylbenzene            | 105 |           | 20.774        |               |    |          | ND                | U     |
| 81 1,1,2,2-Tetrachloroethane   | 83  |           | 21.293        |               |    |          | ND                | 7     |
| 83 N-Propylbenzene             | 91  | 21.497    | 21.507        | 0.006         | 98 | 26898    | 0.0405            |       |
| 84 2-Chlorotoluene             | 91  |           | 21.641        |               |    |          | ND                | U     |
| 85 4-Ethyltoluene              | 105 | 21.695    | 21.700        | 0.006         | 96 | 22859    | 0.0416            |       |
| 86 1,3,5-Trimethylbenzene      | 105 | 21.775    | 21.775        | -0.011        | 92 | 31537    | 0.0672            | M     |
| 89 tert-Butylbenzene           | 119 |           | 22.267        |               |    |          | ND                | U     |
| 90 1,2,4-Trimethylbenzene      | 105 | 22.358    | 22.353        | 0.005         | 98 | 72751    | 0.1554            |       |
| 91 sec-Butylbenzene            | 105 |           | 22.593        |               |    |          | ND                | MU    |
| 92 1,3-Dichlorobenzene         | 146 |           | 22.765        |               |    |          | ND                | 7     |
| 93 4-Isopropyltoluene          | 119 | 22.802    | 22.807        | -0.005        | 95 | 30119    | 0.0505            |       |
| 94 1,4-Dichlorobenzene         | 146 |           | 22.909        |               |    |          | ND                | 7     |
| 95 Benzyl chloride             | 91  |           | 23.053        |               |    |          | ND                |       |
| 96 n-Butylbenzene              | 91  | 23.364    | 23.364        | 0.000         | 79 | 9016     | 0.0175            | Ma    |
| 97 1,2-Dichlorobenzene         | 146 |           | 23.396        |               |    |          | ND                | 7     |
| 100 1,2,4-Trichlorobenzene     | 180 |           | 25.835        |               |    |          | ND                | 7     |
| 101 Hexachlorobutadiene        | 225 |           | 26.076        |               |    |          | ND                |       |
| 102 Naphthalene                | 128 | 26.311    | 26.317        | 0.000         | 59 | 8906     | 0.0239            |       |

### QC Flag Legend

Processing Flags

E - Exceeded Maximum Amount

7 - Failed Limit of Detection

Review Flags

M - Manually Integrated

U - Marked Undetected

a - User Assigned ID

Reagents:

ATTO15WISs\_00009

Amount Added: 20.00

Units: mL

Run Reagent

Eurofins TestAmerica, Burlington

Data File: \\chromfs\Burlington\ChromData\CHW.i\20201218-44134.b\44134-019.d

Injection Date: 19-Dec-2020 00:52:30

Instrument ID: CHW.i

Operator ID: ggg

Lims ID: 200-56451-A-2

Lab Sample ID: 200-56451-2

Worklist Smp#: 19

Client ID: SG-202

Purge Vol: 200.000 mL

Dil. Factor: 1.0000

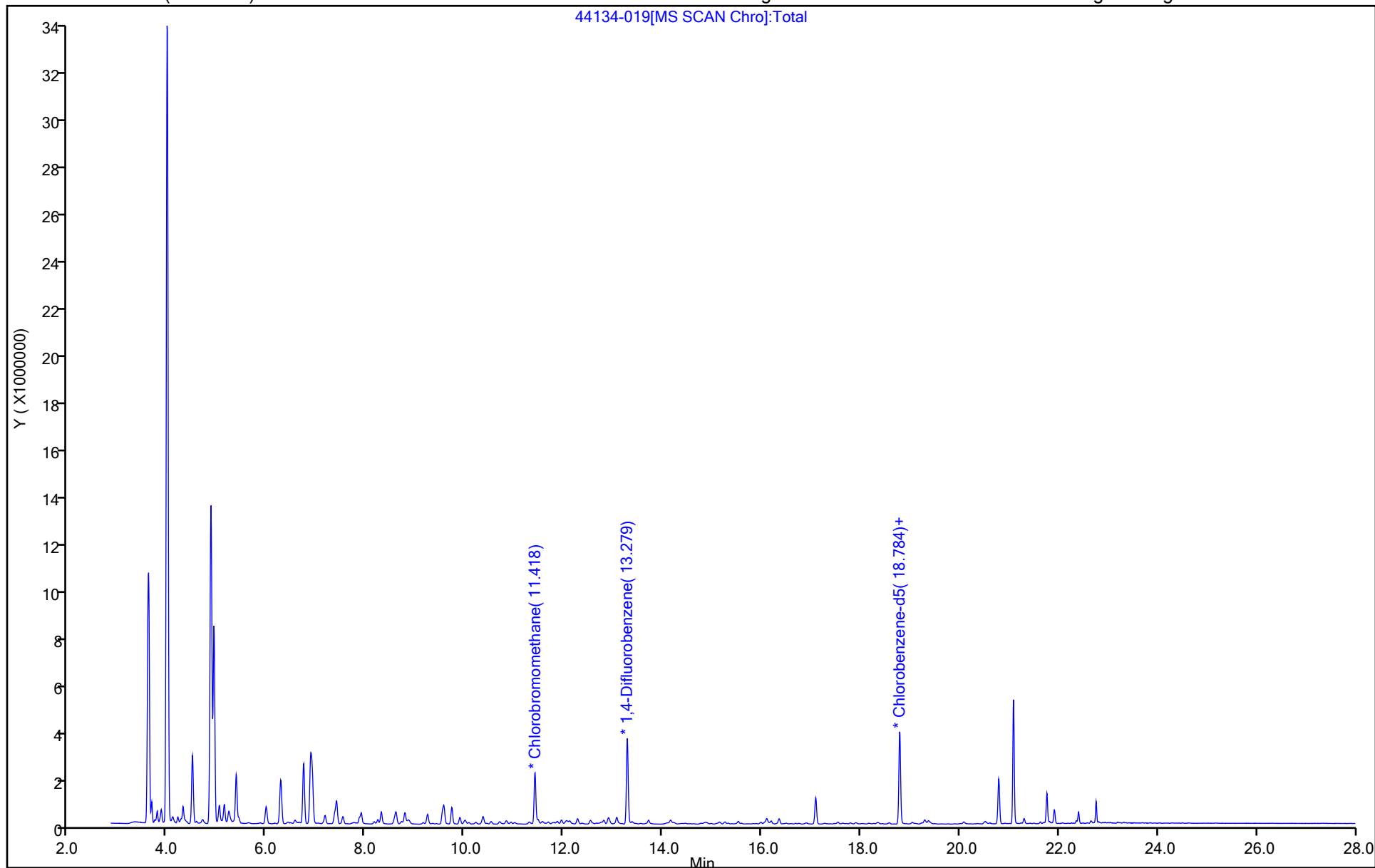
ALS Bottle#: 18

Method: TO15\_TO3\_MasterMethod\_W

Limit Group: AI\_TO15\_ICAL

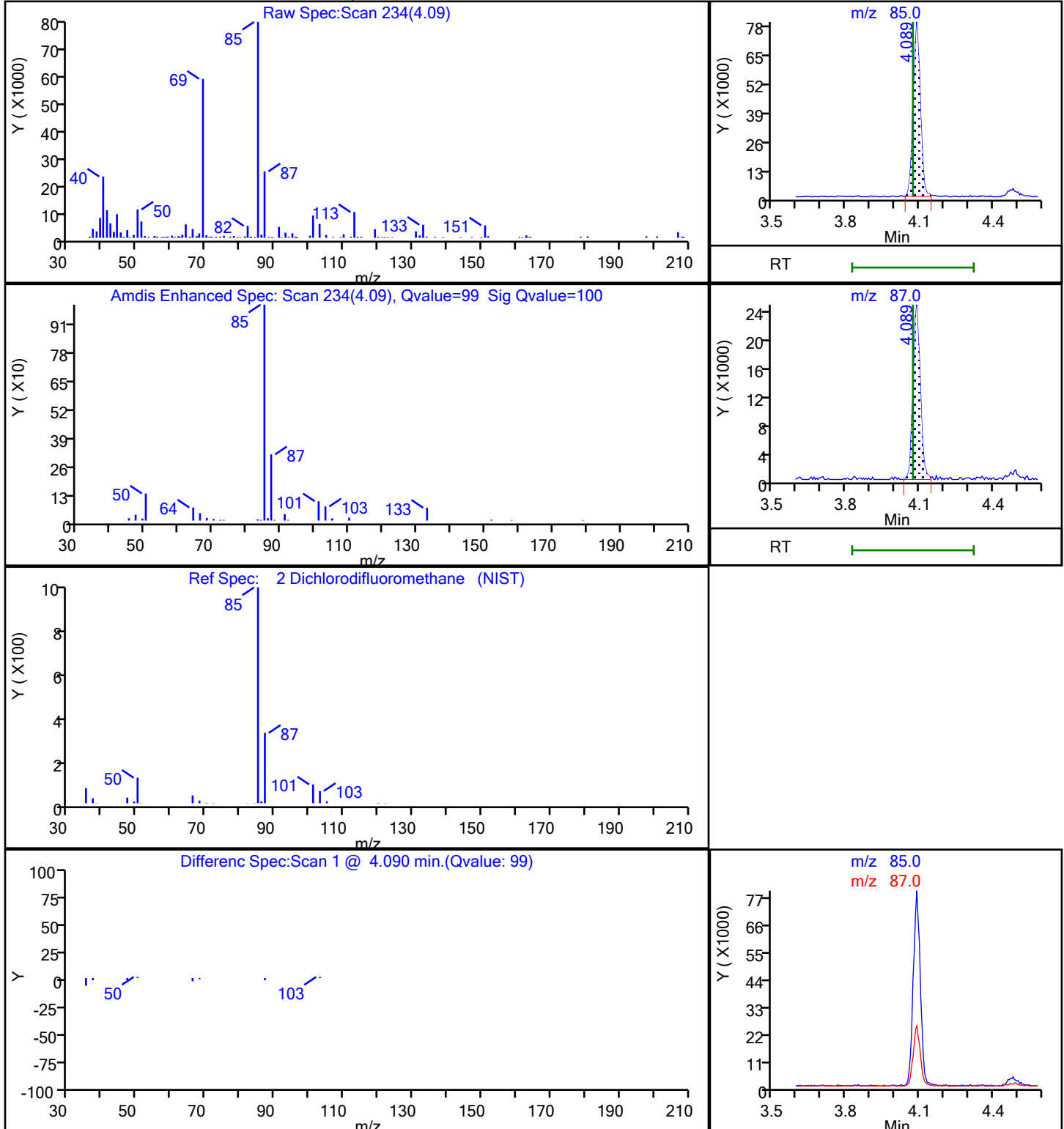
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Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



## Eurofins TestAmerica, Burlington

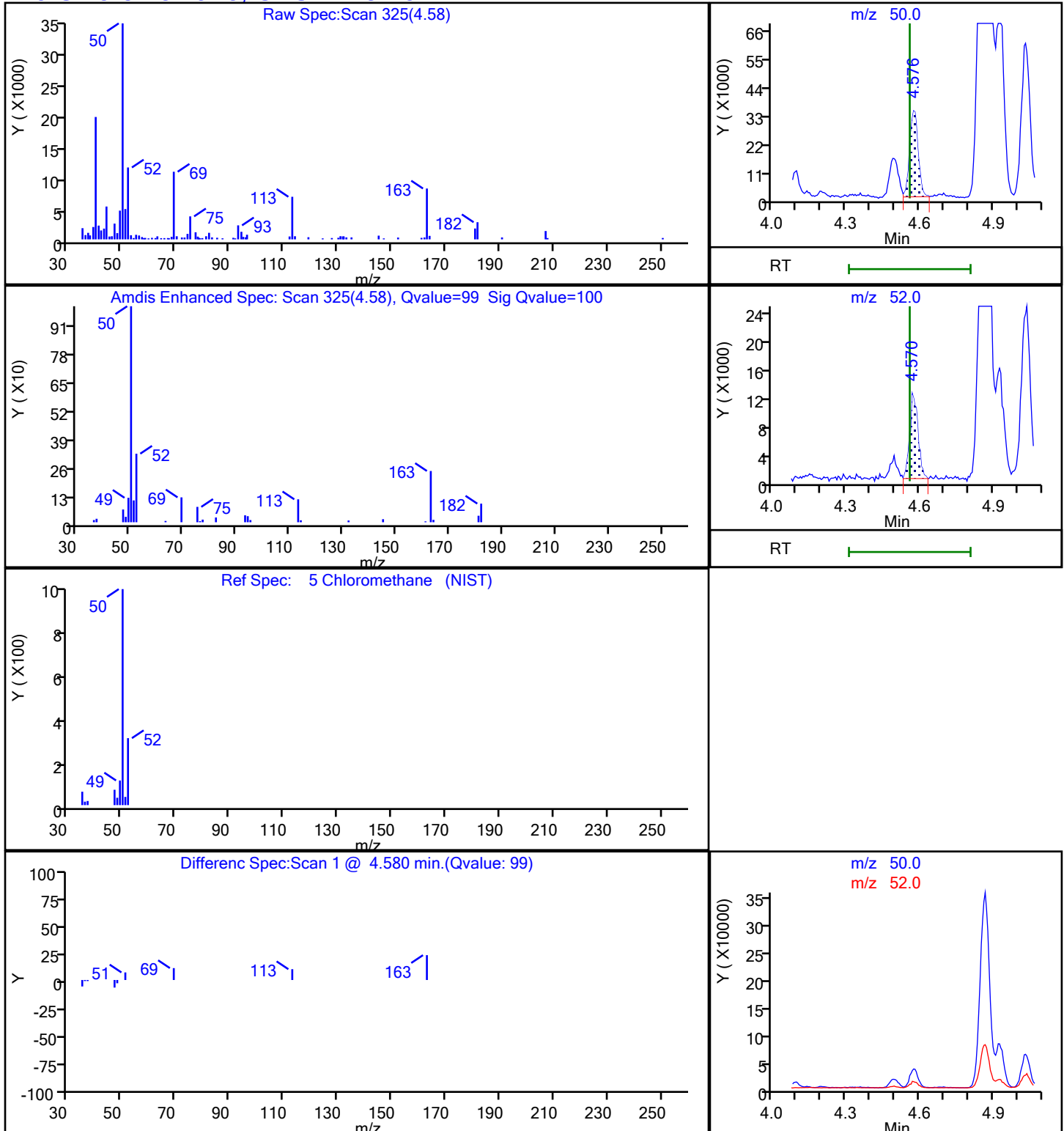
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Injection Date: 19-Dec-2020 00:52:30 Instrument ID: CHW.i  
Lims ID: 200-56451-A-2 Lab Sample ID: 200-56451-2  
Client ID: SG-202  
Operator ID: ggg ALS Bottle#: 18 Worklist Smp#: 19  
Purge Vol: 200.000 mL Dil. Factor: 1.0000  
Method: TO15\_TO3\_MasterMethod\_W Limit Group: AI\_TO15\_ICAL  
Column: RTX-624 ( 0.32 mm) Detector MS SCAN

**2 Dichlorodifluoromethane, CAS: 75-71-8**



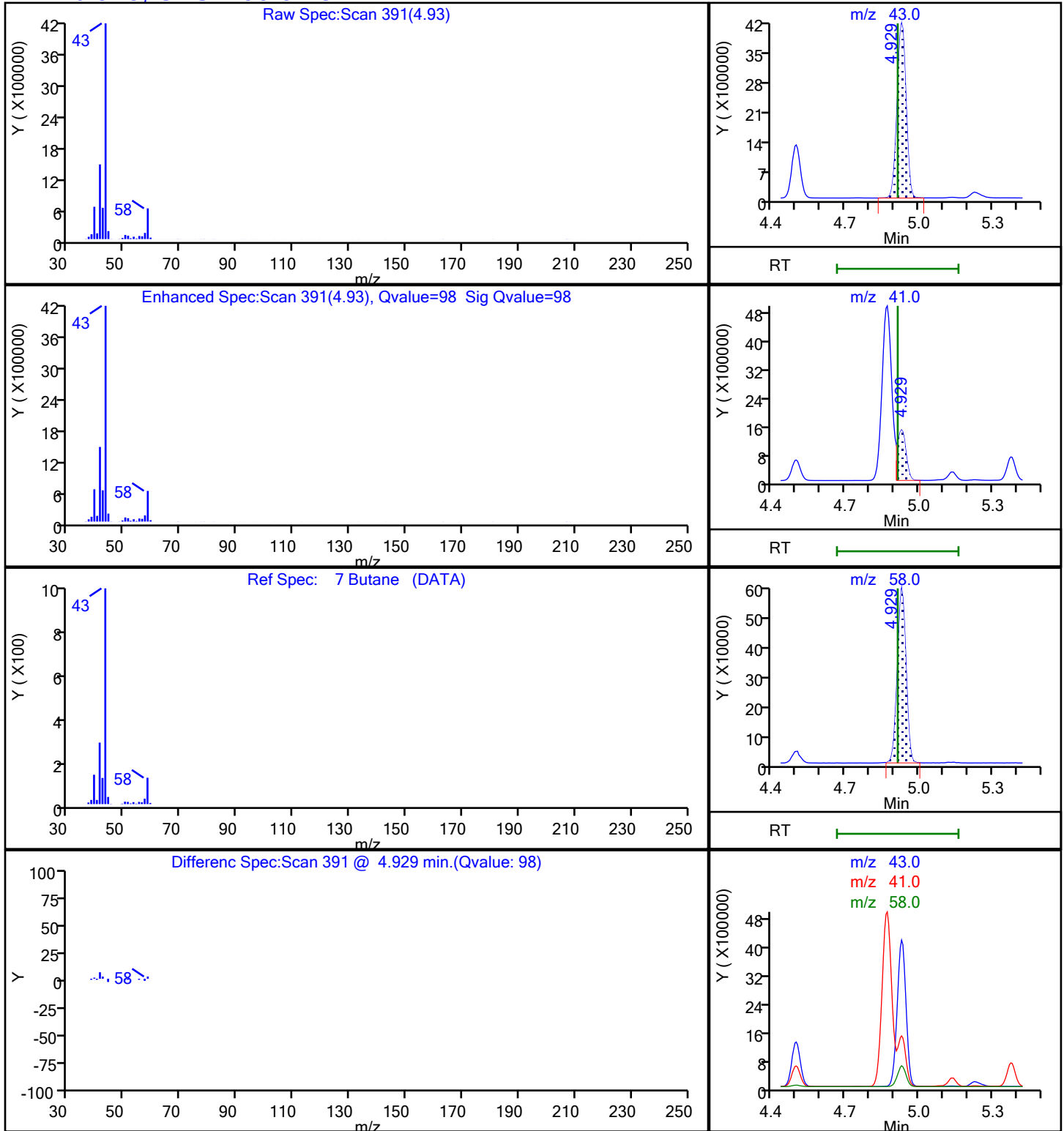
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Client ID: SG-202  
Operator ID: ggg ALS Bottle#: 18 Worklist Smp#: 19  
Purge Vol: 200.000 mL Dil. Factor: 1.0000  
Method: TO15\_TO3\_MasterMethod\_W Limit Group: AI\_TO15\_ICAL  
Column: RTX-624 ( 0.32 mm) Detector: MS SCAN

**5 Chloromethane, CAS: 74-87-3**

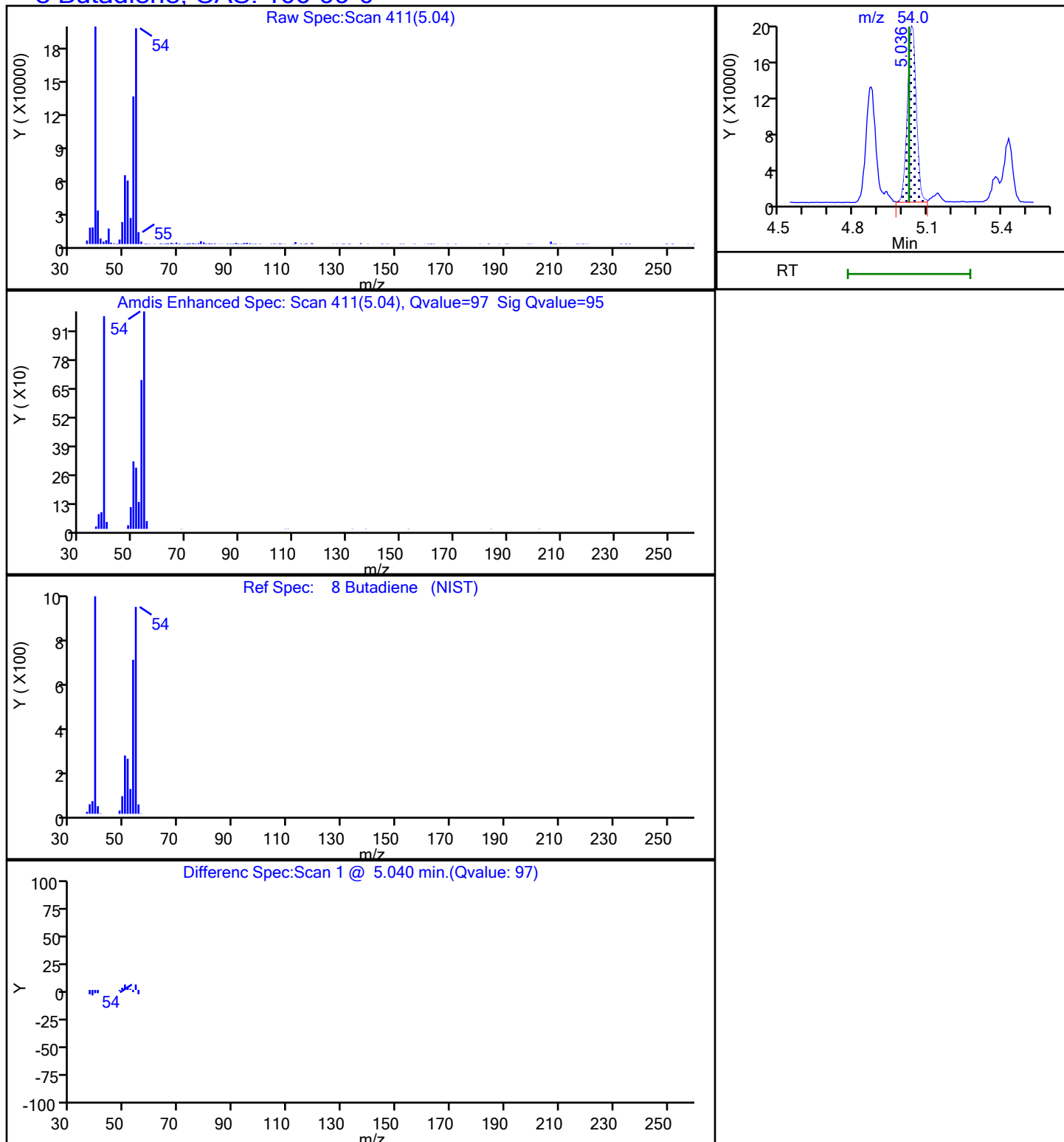
Eurofins TestAmerica, Burlington

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Lims ID: 200-56451-A-2 Lab Sample ID: 200-56451-2  
Client ID: SG-202  
Operator ID: ggg ALS Bottle#: 18 Worklist Smp#: 19  
Purge Vol: 200.000 mL Dil. Factor: 1.0000  
Method: TO15\_TO3\_MasterMethod\_W Limit Group: AI\_TO15\_ICAL  
Column: RTX-624 ( 0.32 mm) Detector MS SCAN

**7 Butane, CAS: 106-97-8**

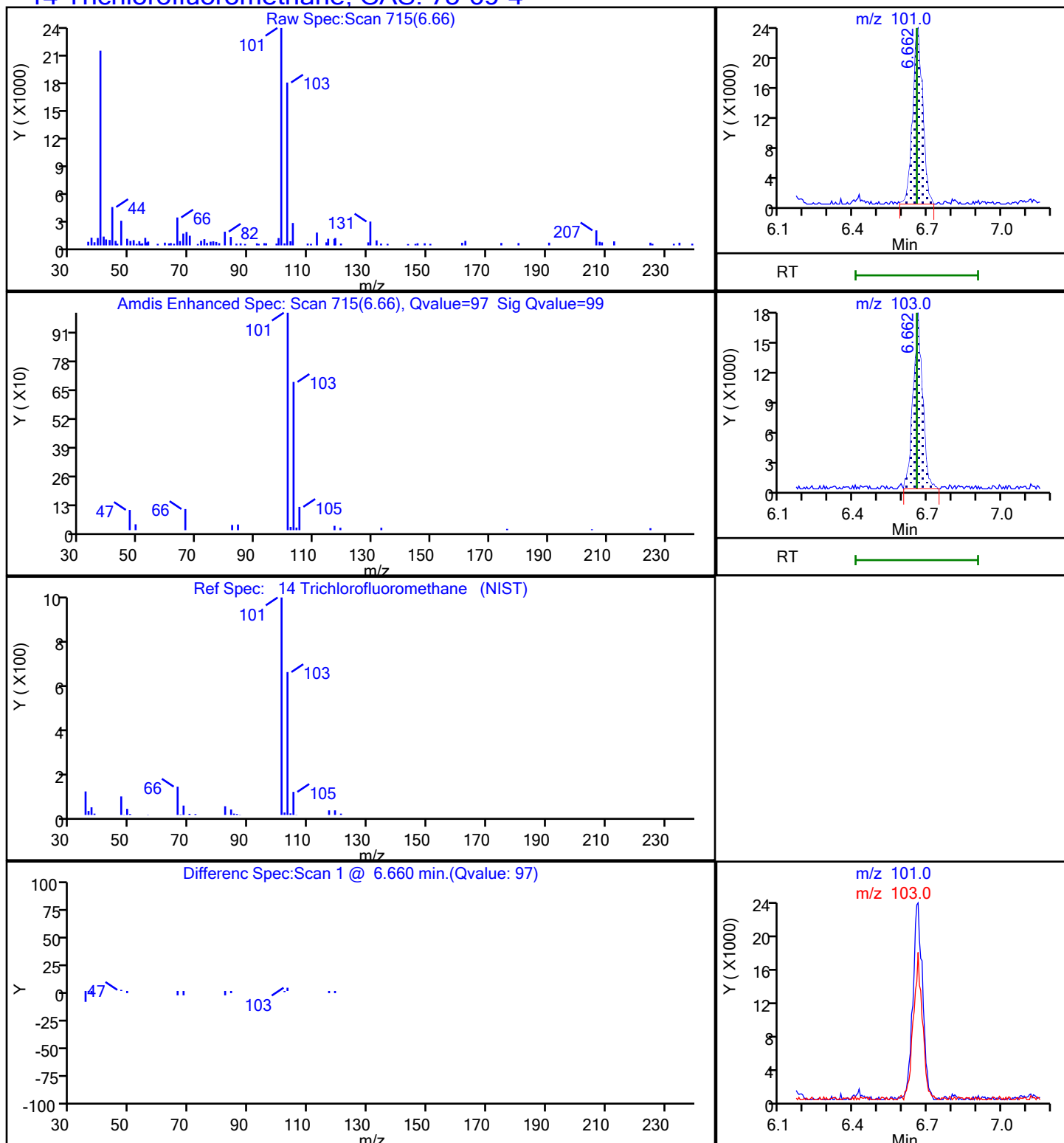
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Lims ID: 200-56451-A-2 Lab Sample ID: 200-56451-2  
Client ID: SG-202  
Operator ID: ggg ALS Bottle#: 18 Worklist Smp#: 19  
Purge Vol: 200.000 mL Dil. Factor: 1.0000  
Method: TO15\_TO3\_MasterMethod\_W Limit Group: AI\_TO15\_ICAL  
Column: RTX-624 ( 0.32 mm) Detector MS SCAN

**8 Butadiene, CAS: 106-99-0**

## Eurofins TestAmerica, Burlington

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Lims ID: 200-56451-A-2 Lab Sample ID: 200-56451-2  
Client ID: SG-202  
Operator ID: ggg ALS Bottle#: 18 Worklist Smp#: 19  
Purge Vol: 200.000 mL Dil. Factor: 1.0000  
Method: TO15\_TO3\_MasterMethod\_W Limit Group: AI\_TO15\_ICAL  
Column: RTX-624 ( 0.32 mm) Detector MS SCAN

**14 Trichlorofluoromethane, CAS: 75-69-4**

Eurofins TestAmerica, Burlington

Data File: \\chromfs\Burlington\ChromData\CHW.i\20201218-44134.b\44134-019.d

Injection Date: 19-Dec-2020 00:52:30

Instrument ID: CHW.i

Lims ID: 200-56451-A-2

Lab Sample ID: 200-56451-2

Client ID: SG-202

Operator ID: ggg

ALS Bottle#: 18

Worklist Smp#: 19

Purge Vol: 200.000 mL

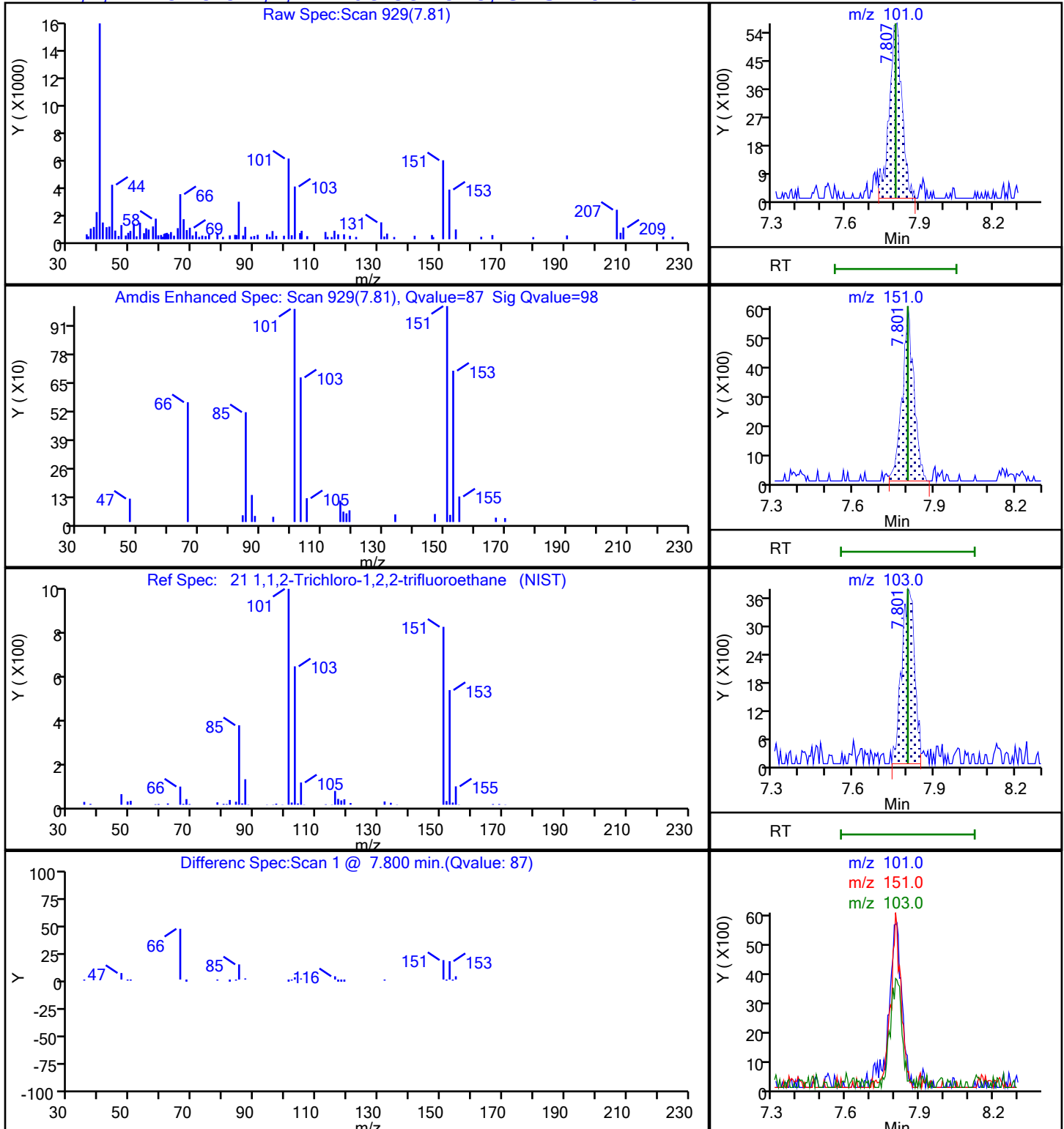
Dil. Factor: 1.0000

Method: TO15\_TO3\_MasterMethod\_W

Limit Group: AI\_TO15\_ICAL

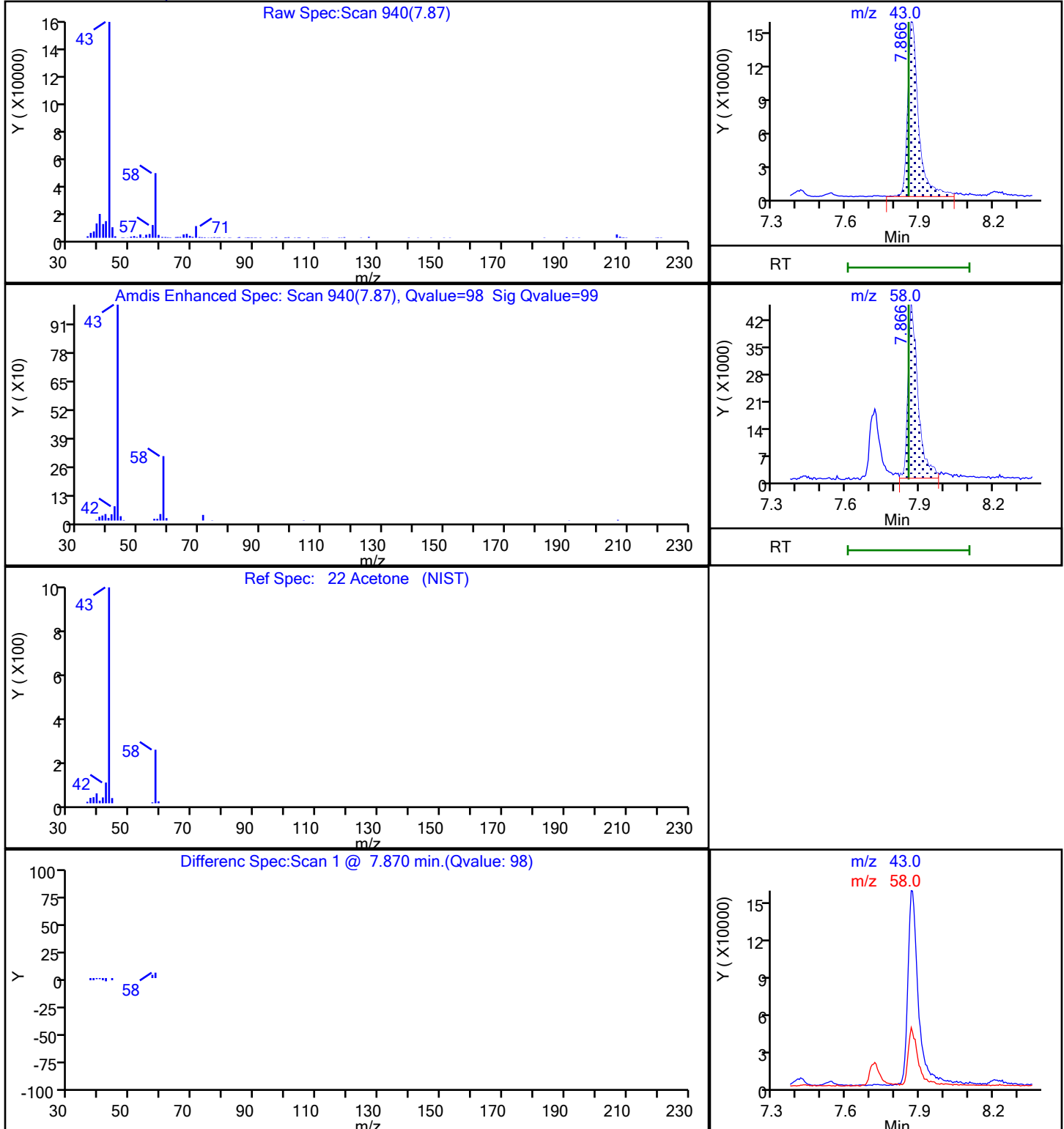
Column: RTX-624 ( 0.32 mm)

Detector: MS SCAN

**21 1,1,2-Trichloro-1,2,2-trifluoroethane, CAS: 76-13-1**

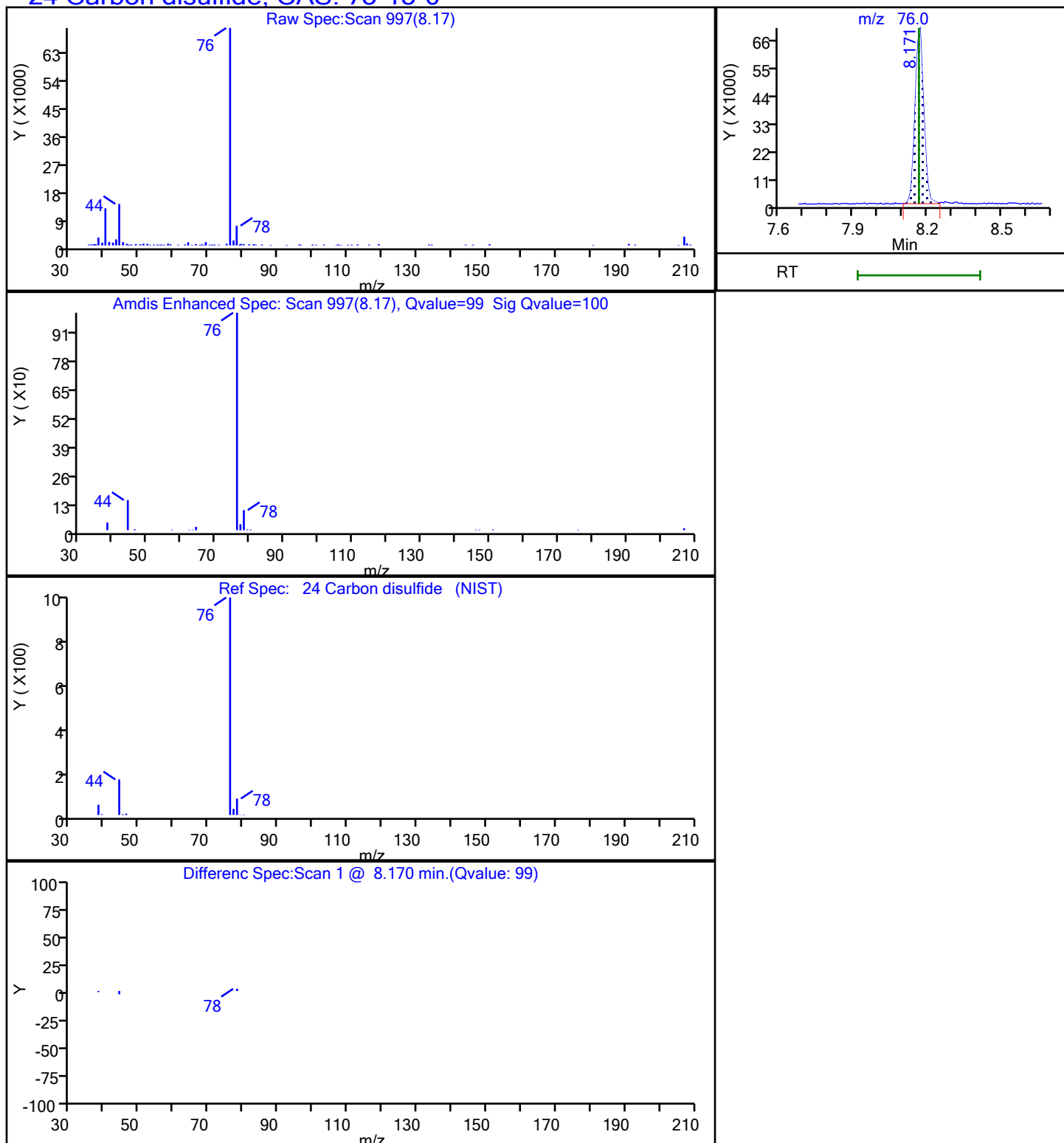
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Lims ID: 200-56451-A-2 Lab Sample ID: 200-56451-2  
Client ID: SG-202  
Operator ID: ggg ALS Bottle#: 18 Worklist Smp#: 19  
Purge Vol: 200.000 mL Dil. Factor: 1.0000  
Method: TO15\_TO3\_MasterMethod\_W Limit Group: AI\_TO15\_ICAL  
Column: RTX-624 ( 0.32 mm) Detector MS SCAN

**22 Acetone, CAS: 67-64-1**

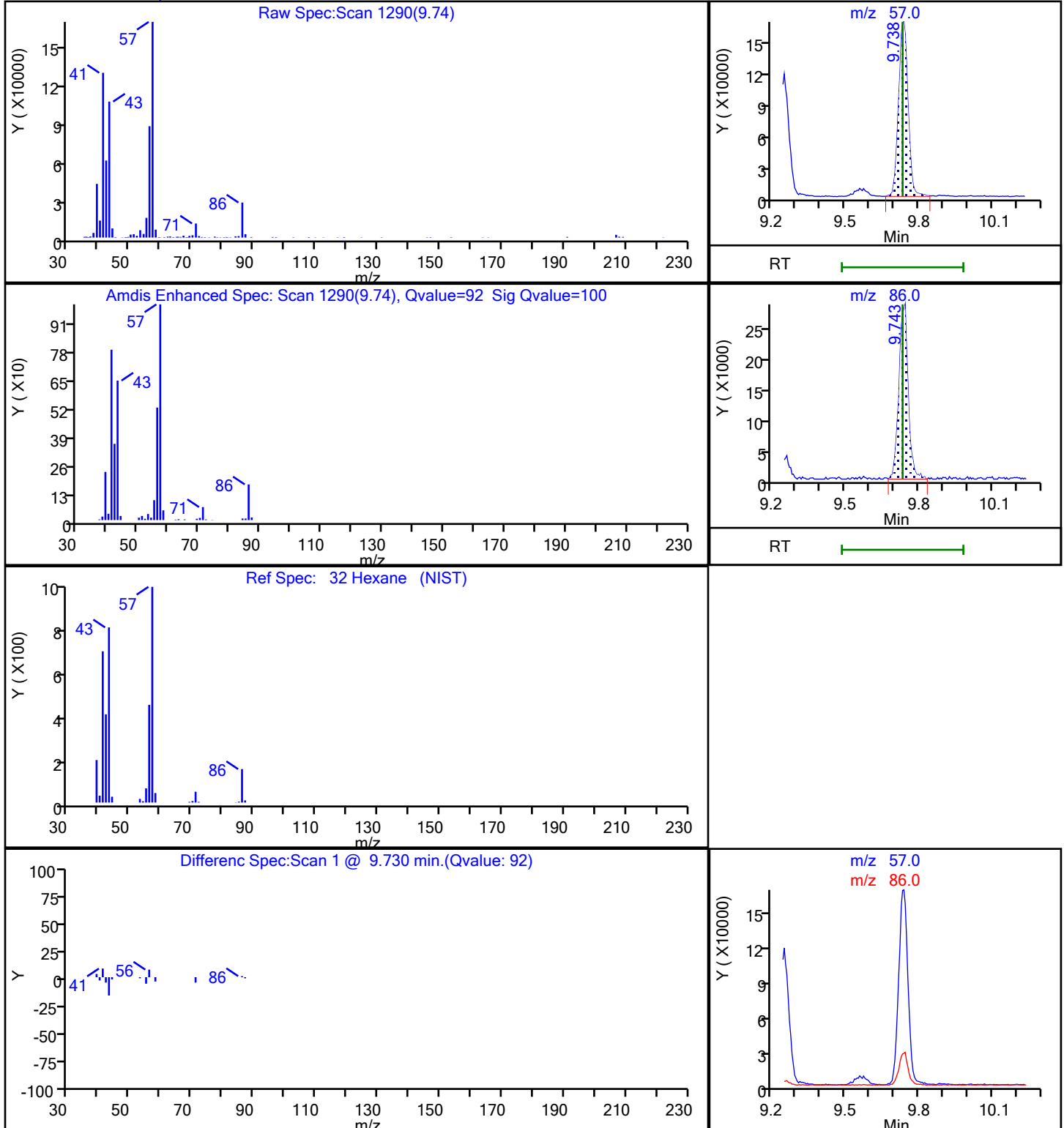
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Injection Date: 19-Dec-2020 00:52:30 Instrument ID: CHW.i  
Lims ID: 200-56451-A-2 Lab Sample ID: 200-56451-2  
Client ID: SG-202  
Operator ID: ggg ALS Bottle#: 18 Worklist Smp#: 19  
Purge Vol: 200.000 mL Dil. Factor: 1.0000  
Method: TO15\_TO3\_MasterMethod\_W Limit Group: AI\_TO15\_ICAL  
Column: RTX-624 ( 0.32 mm) Detector MS SCAN

**24 Carbon disulfide, CAS: 75-15-0**

## Eurofins TestAmerica, Burlington

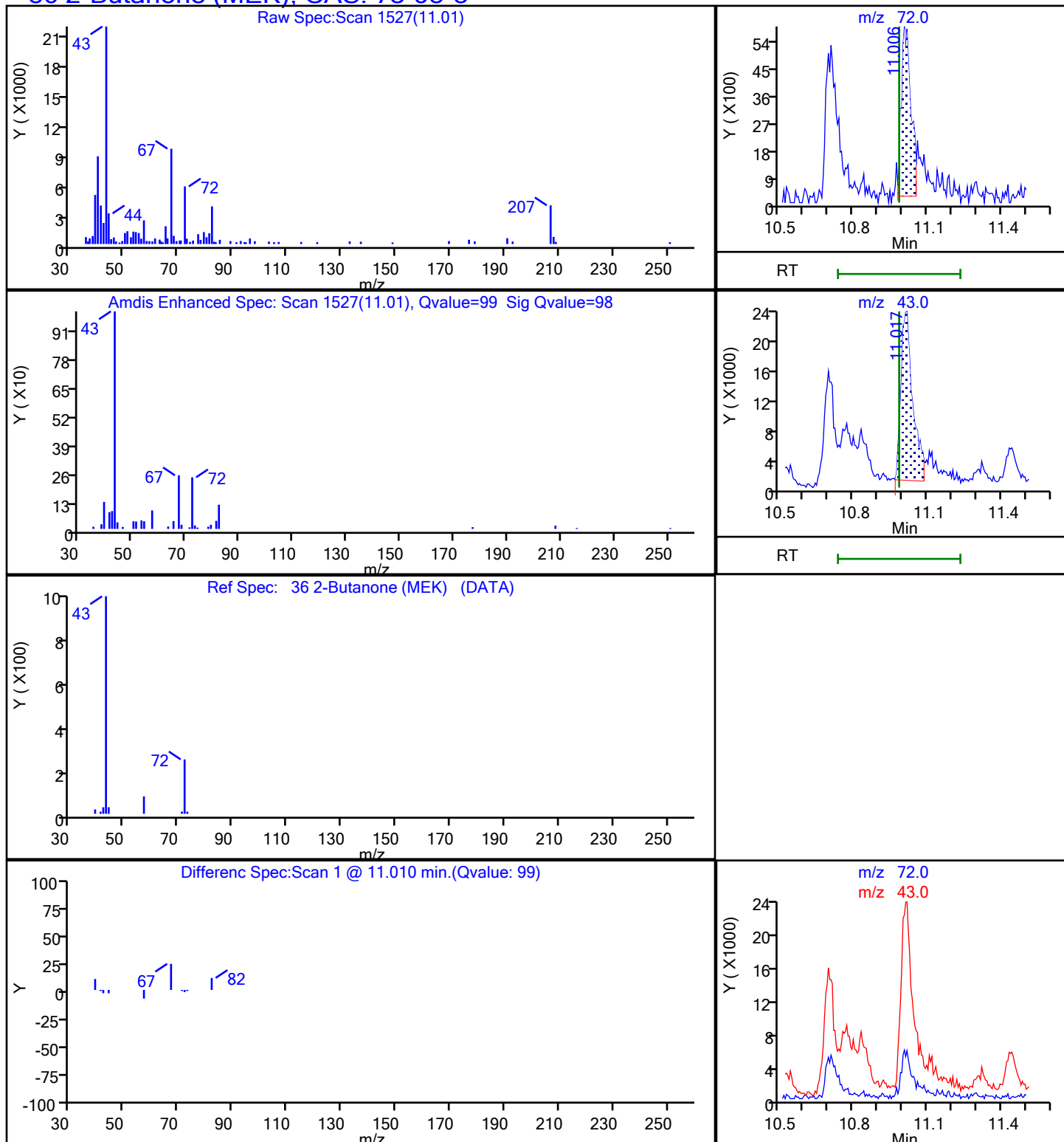
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Lims ID: 200-56451-A-2 Lab Sample ID: 200-56451-2  
Client ID: SG-202  
Operator ID: ggg ALS Bottle#: 18 Worklist Smp#: 19  
Purge Vol: 200.000 mL Dil. Factor: 1.0000  
Method: TO15\_TO3\_MasterMethod\_W Limit Group: AI\_TO15\_ICAL  
Column: RTX-624 ( 0.32 mm) Detector: MS SCAN

**32 Hexane, CAS: 110-54-3**



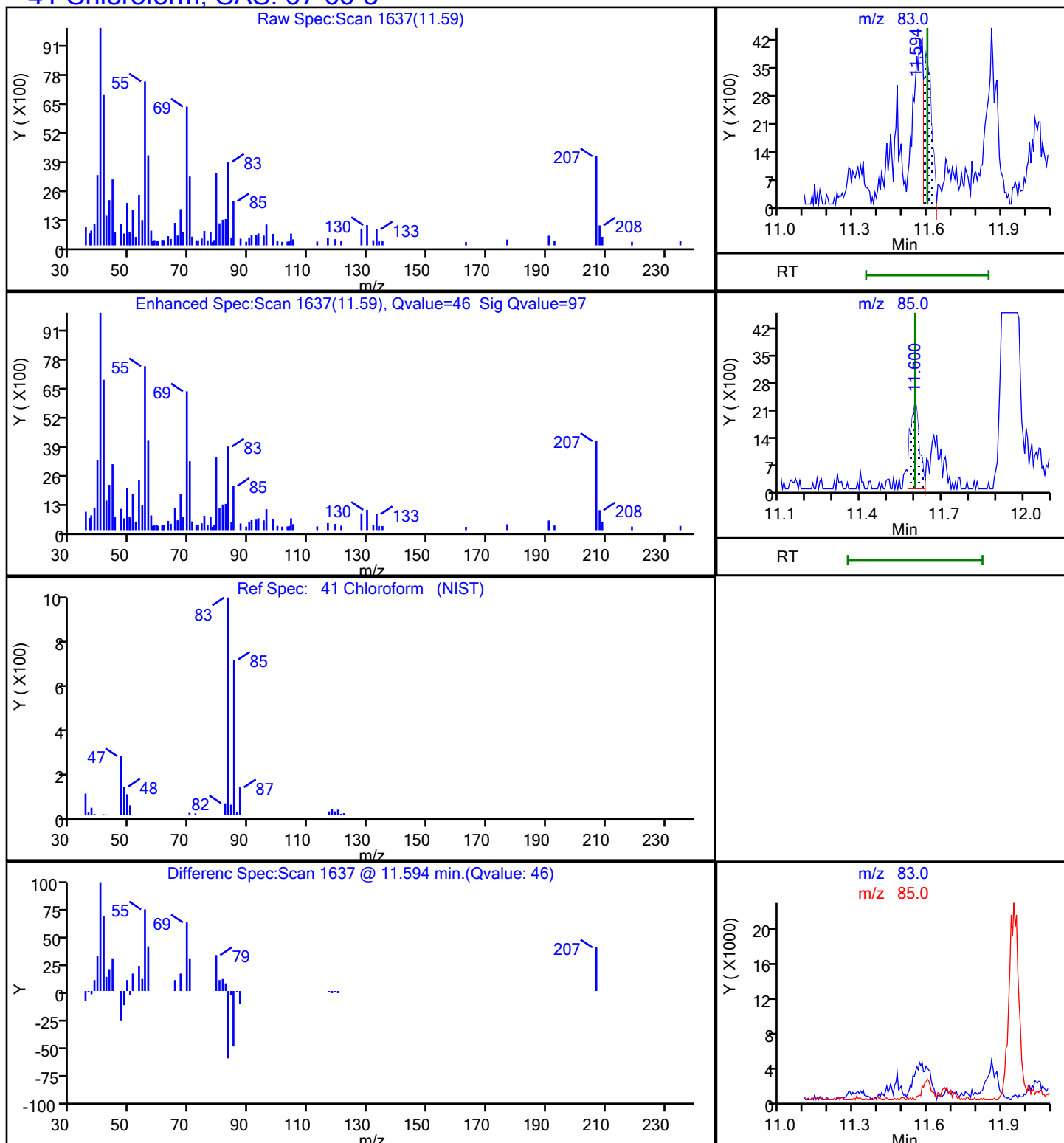
## Eurofins TestAmerica, Burlington

Data File: \\chromfs\Burlington\ChromData\CHW.i\20201218-44134.b\44134-019.d  
Injection Date: 19-Dec-2020 00:52:30 Instrument ID: CHW.i  
Lims ID: 200-56451-A-2 Lab Sample ID: 200-56451-2  
Client ID: SG-202  
Operator ID: ggg ALS Bottle#: 18 Worklist Smp#: 19  
Purge Vol: 200.000 mL Dil. Factor: 1.0000  
Method: TO15\_TO3\_MasterMethod\_W Limit Group: AI\_TO15\_ICAL  
Column: RTX-624 ( 0.32 mm) Detector MS SCAN

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

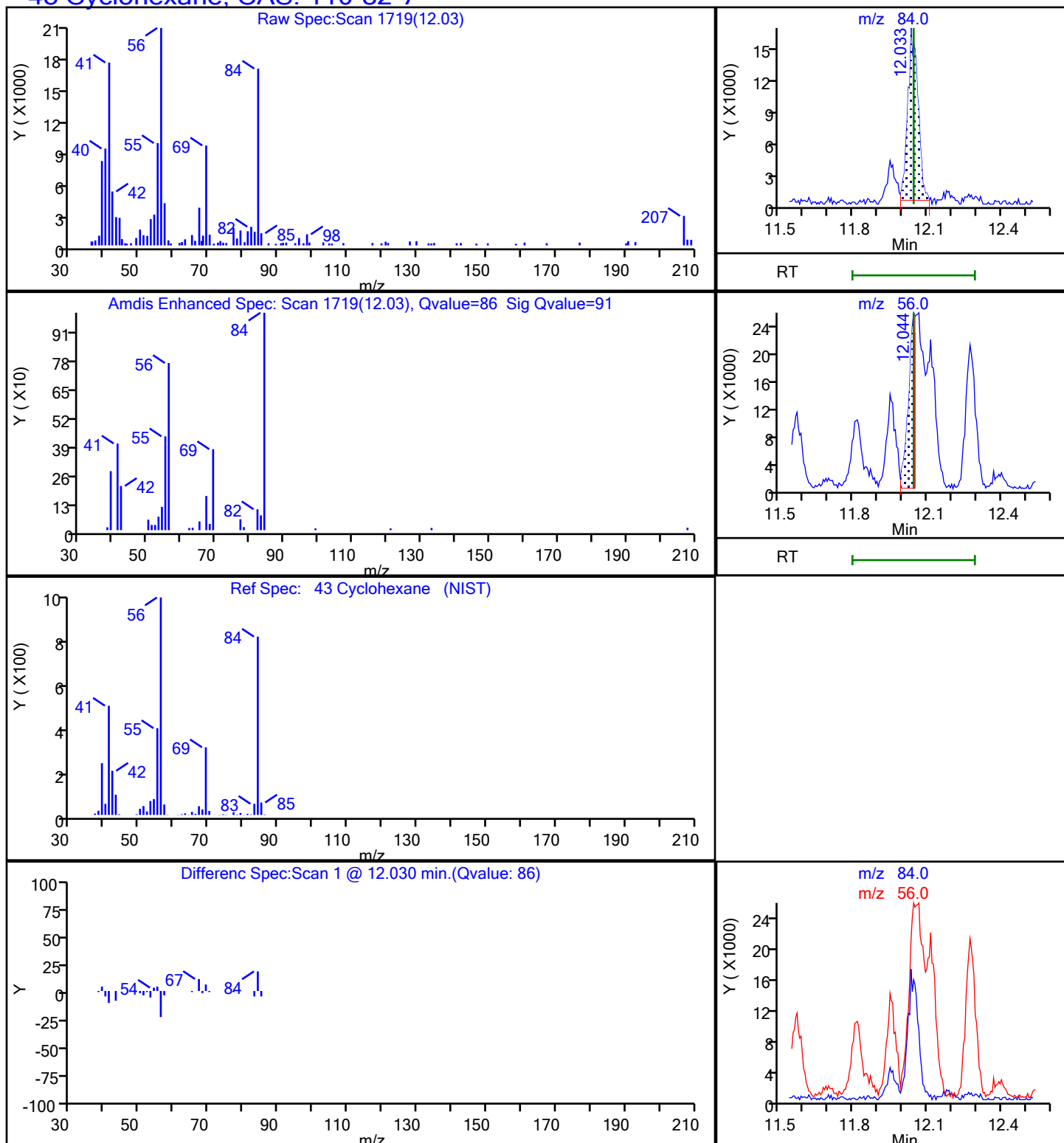
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Data File: \\chromfs\Burlington\ChromData\CHW.i\20201218-44134.b\44134-019.d  
Injection Date: 19-Dec-2020 00:52:30 Instrument ID: CHW.i  
Lims ID: 200-56451-A-2 Lab Sample ID: 200-56451-2  
Client ID: SG-202  
Operator ID: ggg ALS Bottle#: 18 Worklist Smp#: 19  
Purge Vol: 200.000 mL Dil. Factor: 1.0000  
Method: TO15\_TO3\_MasterMethod\_W Limit Group: AI\_TO15\_ICAL  
Column: RTX-624 ( 0.32 mm) Detector: MS SCAN

**41 Chloroform, CAS: 67-66-3**

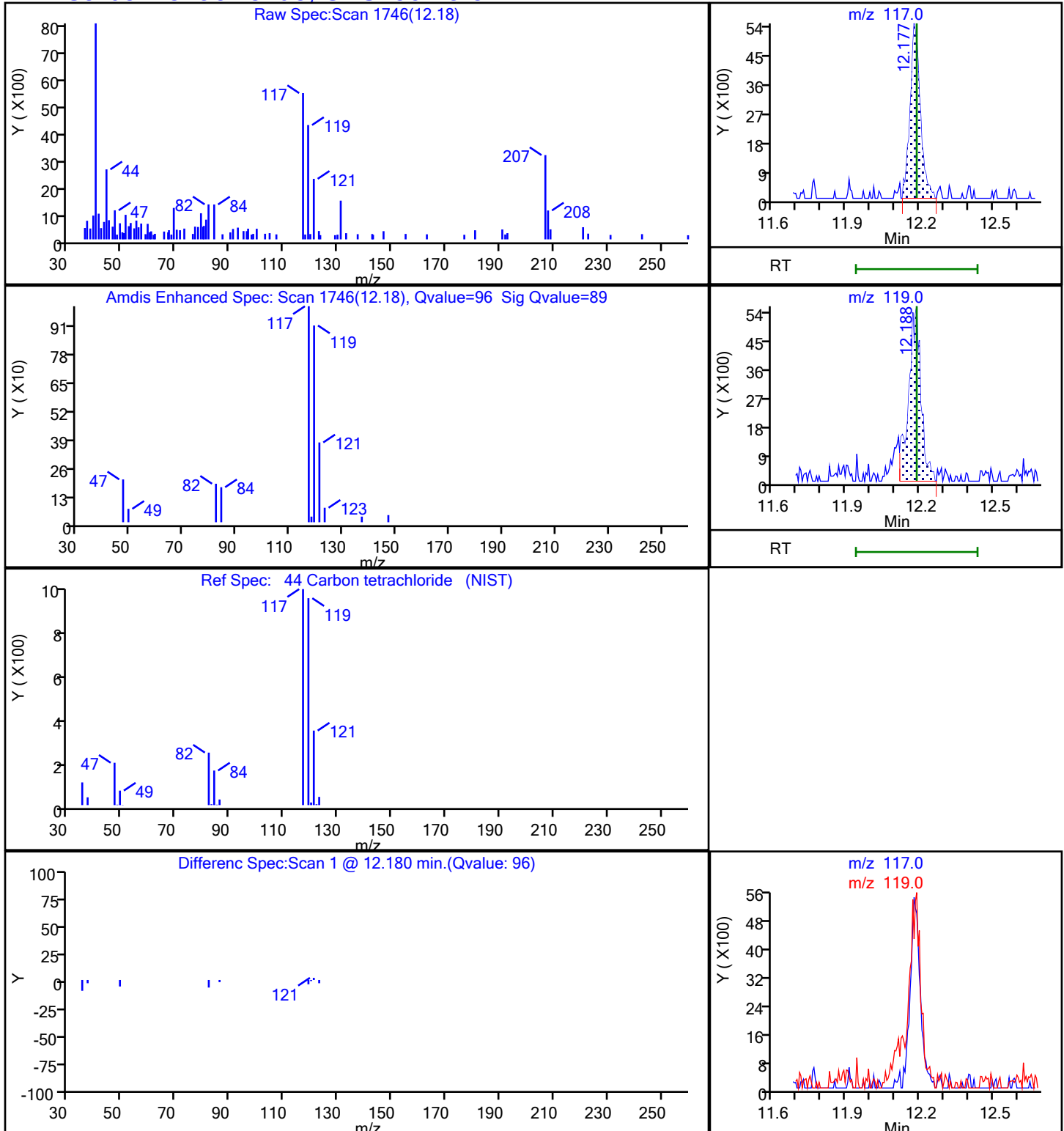
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Injection Date: 19-Dec-2020 00:52:30 Instrument ID: CHW.i  
Lims ID: 200-56451-A-2 Lab Sample ID: 200-56451-2  
Client ID: SG-202  
Operator ID: ggg ALS Bottle#: 18 Worklist Smp#: 19  
Purge Vol: 200.000 mL Dil. Factor: 1.0000  
Method: TO15\_TO3\_MasterMethod\_W Limit Group: AI\_TO15\_ICAL  
Column: RTX-624 ( 0.32 mm) Detector: MS SCAN

**43 Cyclohexane, CAS: 110-82-7**

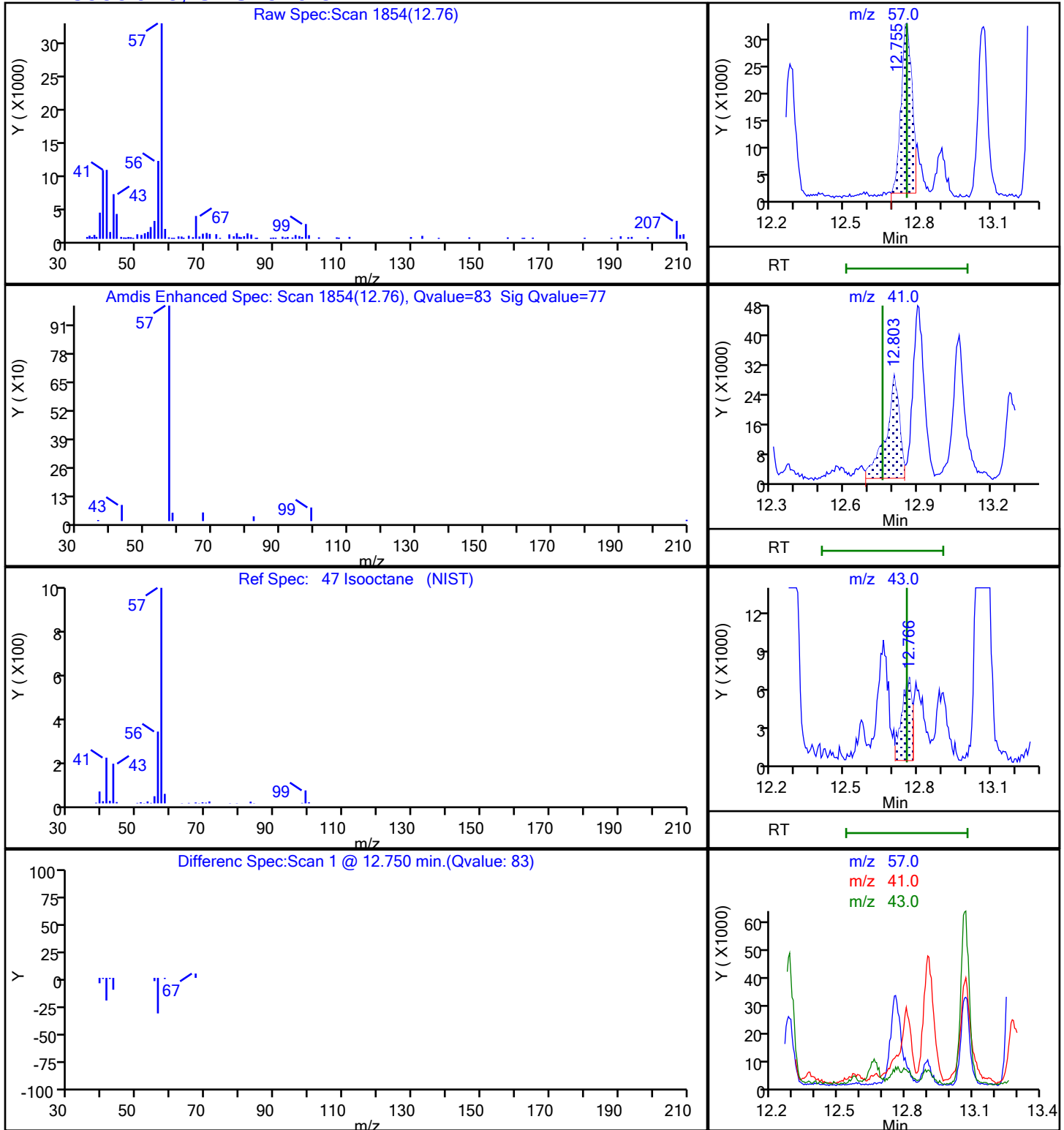
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Injection Date: 19-Dec-2020 00:52:30 Instrument ID: CHW.i  
Lims ID: 200-56451-A-2 Lab Sample ID: 200-56451-2  
Client ID: SG-202  
Operator ID: ggg ALS Bottle#: 18 Worklist Smp#: 19  
Purge Vol: 200.000 mL Dil. Factor: 1.0000  
Method: TO15\_TO3\_MasterMethod\_W Limit Group: AI\_TO15\_ICAL  
Column: RTX-624 ( 0.32 mm) Detector MS SCAN

**44 Carbon tetrachloride, CAS: 56-23-5**

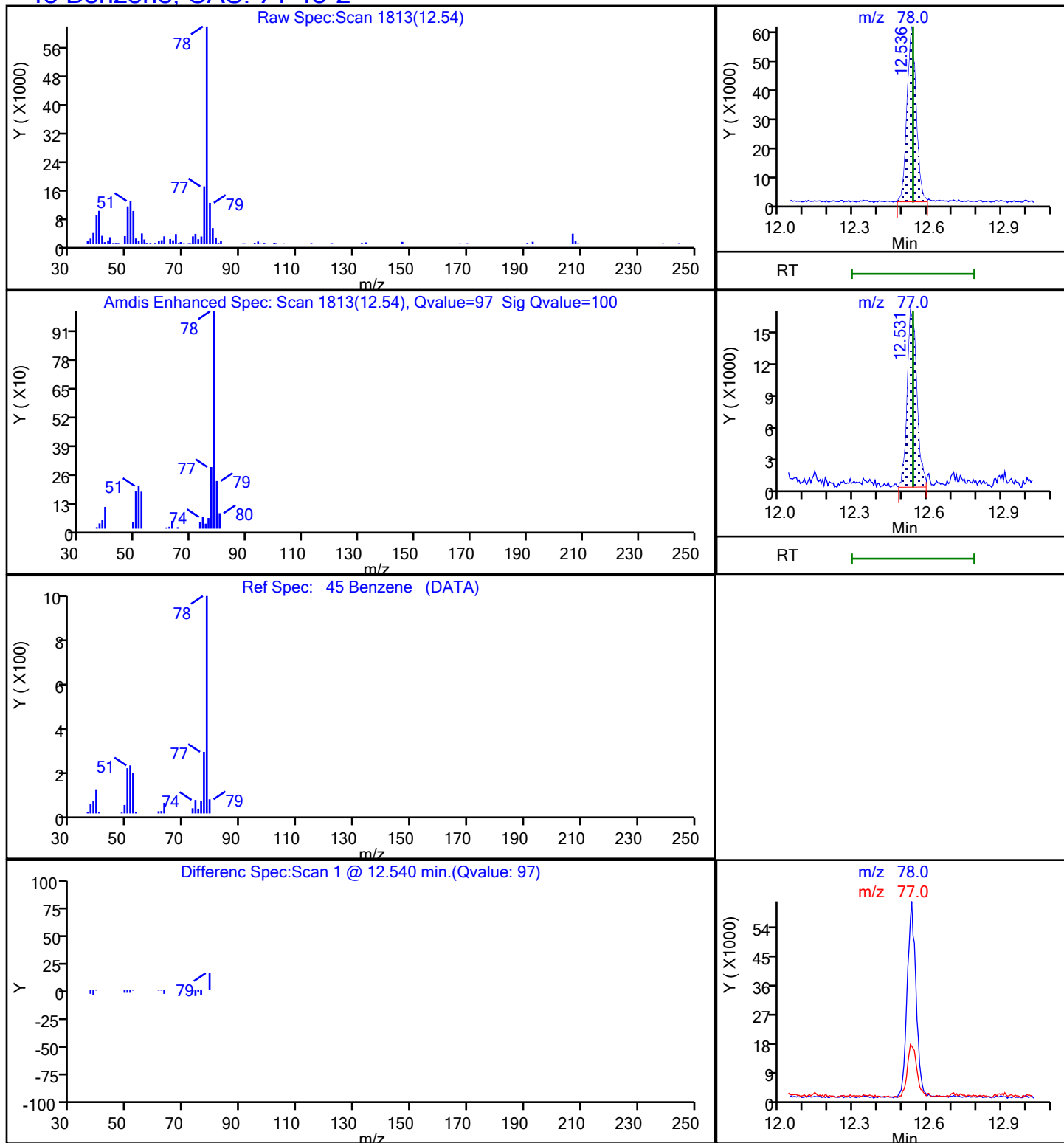
Eurofins TestAmerica, Burlington

Data File: \\chromfs\Burlington\ChromData\CHW.i\20201218-44134.b\44134-019.d  
Injection Date: 19-Dec-2020 00:52:30 Instrument ID: CHW.i  
Lims ID: 200-56451-A-2 Lab Sample ID: 200-56451-2  
Client ID: SG-202  
Operator ID: ggg ALS Bottle#: 18 Worklist Smp#: 19  
Purge Vol: 200.000 mL Dil. Factor: 1.0000  
Method: TO15\_TO3\_MasterMethod\_W Limit Group: AI\_TO15\_ICAL  
Column: RTX-624 ( 0.32 mm) Detector: MS SCAN

**47 Isooctane, CAS: 540-84-1**

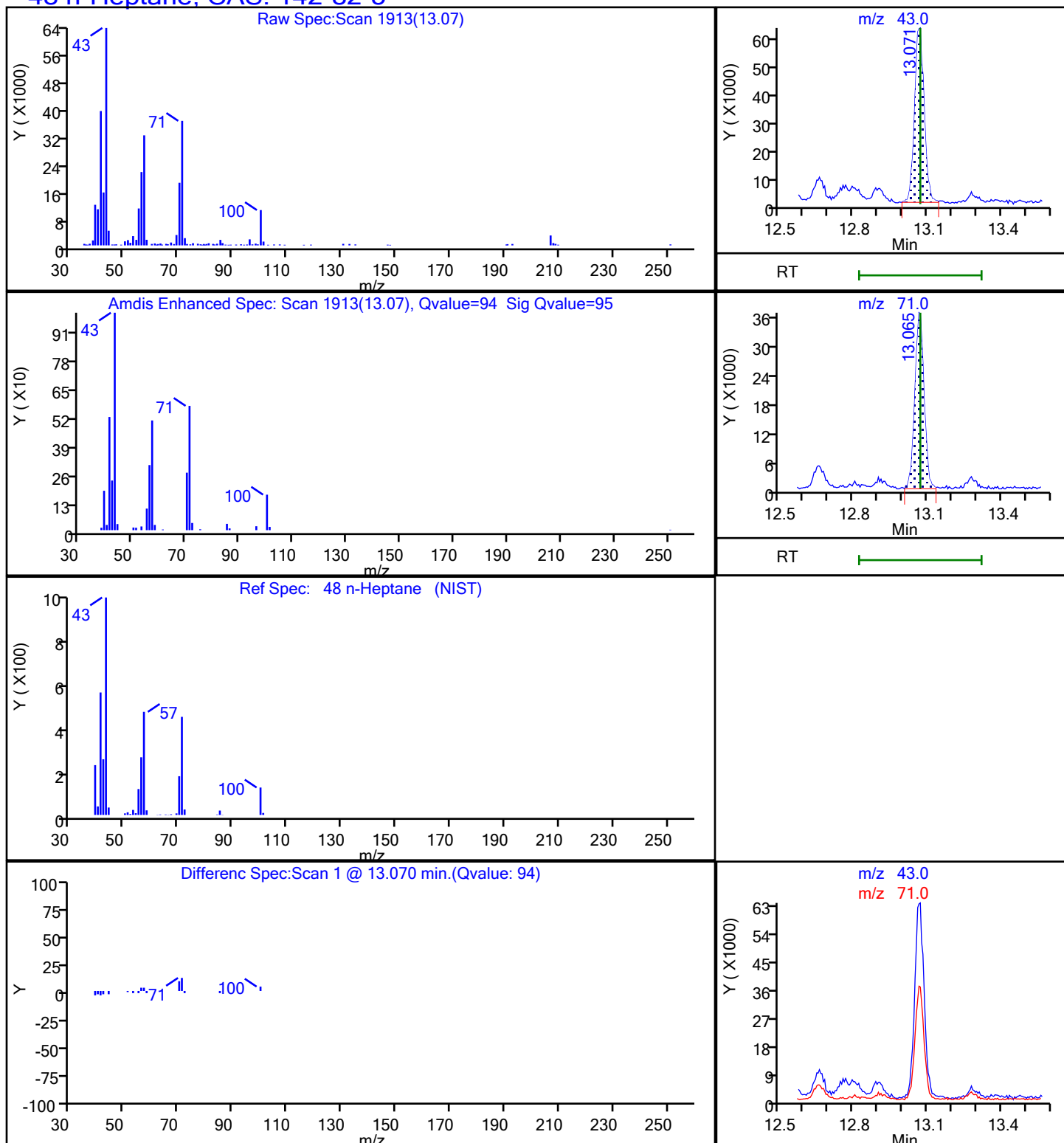
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Data File: \\chromfs\Burlington\ChromData\CHW.i\20201218-44134.b\44134-019.d  
Injection Date: 19-Dec-2020 00:52:30 Instrument ID: CHW.i  
Lims ID: 200-56451-A-2 Lab Sample ID: 200-56451-2  
Client ID: SG-202  
Operator ID: ggg ALS Bottle#: 18 Worklist Smp#: 19  
Purge Vol: 200.000 mL Dil. Factor: 1.0000  
Method: TO15\_TO3\_MasterMethod\_W Limit Group: AI\_TO15\_ICAL  
Column: RTX-624 ( 0.32 mm) Detector: MS SCAN

**45 Benzene, CAS: 71-43-2**

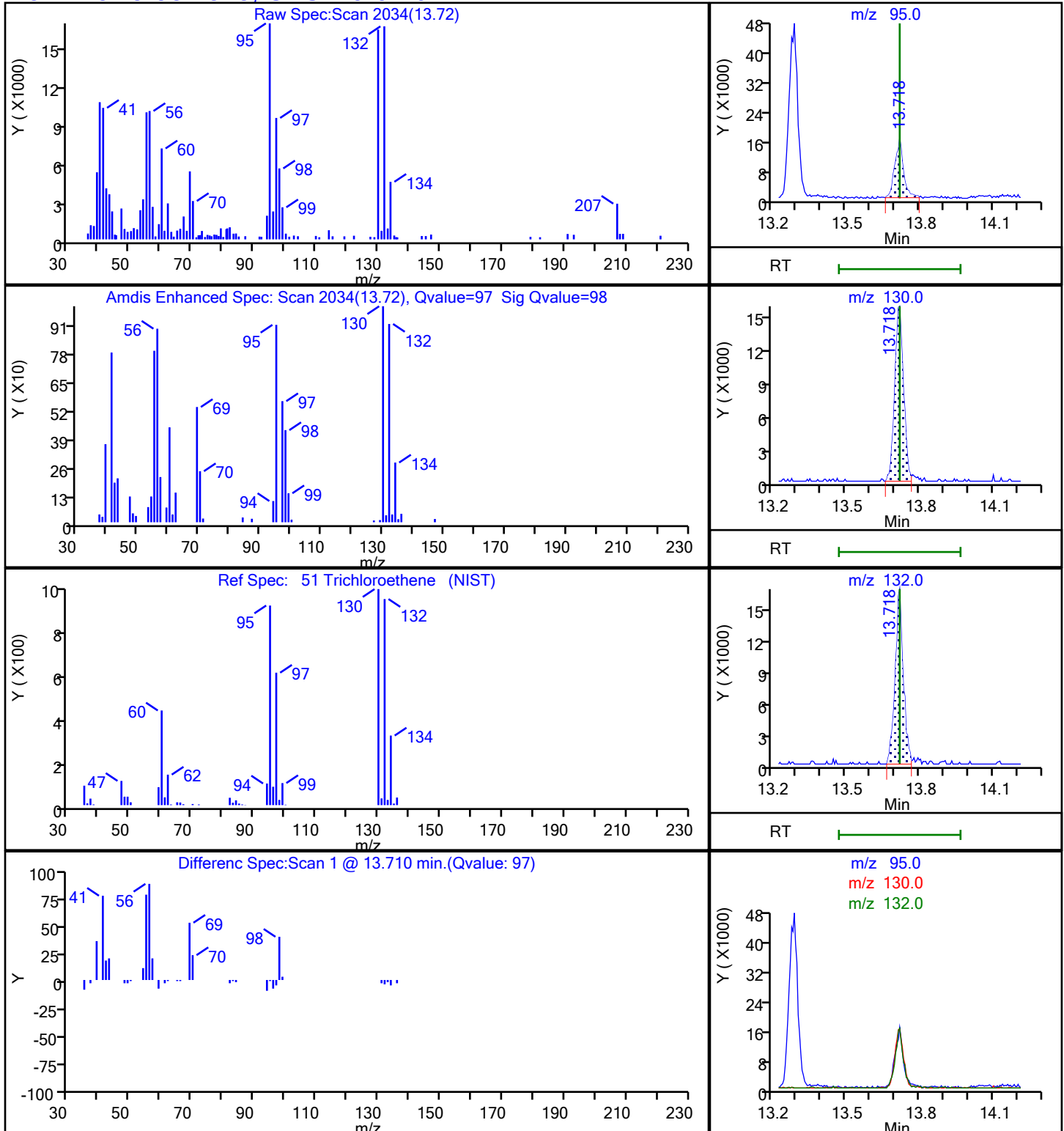
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Injection Date: 19-Dec-2020 00:52:30 Instrument ID: CHW.i  
Lims ID: 200-56451-A-2 Lab Sample ID: 200-56451-2  
Client ID: SG-202  
Operator ID: ggg ALS Bottle#: 18 Worklist Smp#: 19  
Purge Vol: 200.000 mL Dil. Factor: 1.0000  
Method: TO15\_TO3\_MasterMethod\_W Limit Group: AI\_TO15\_ICAL  
Column: RTX-624 ( 0.32 mm) Detector: MS SCAN

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

## Eurofins TestAmerica, Burlington

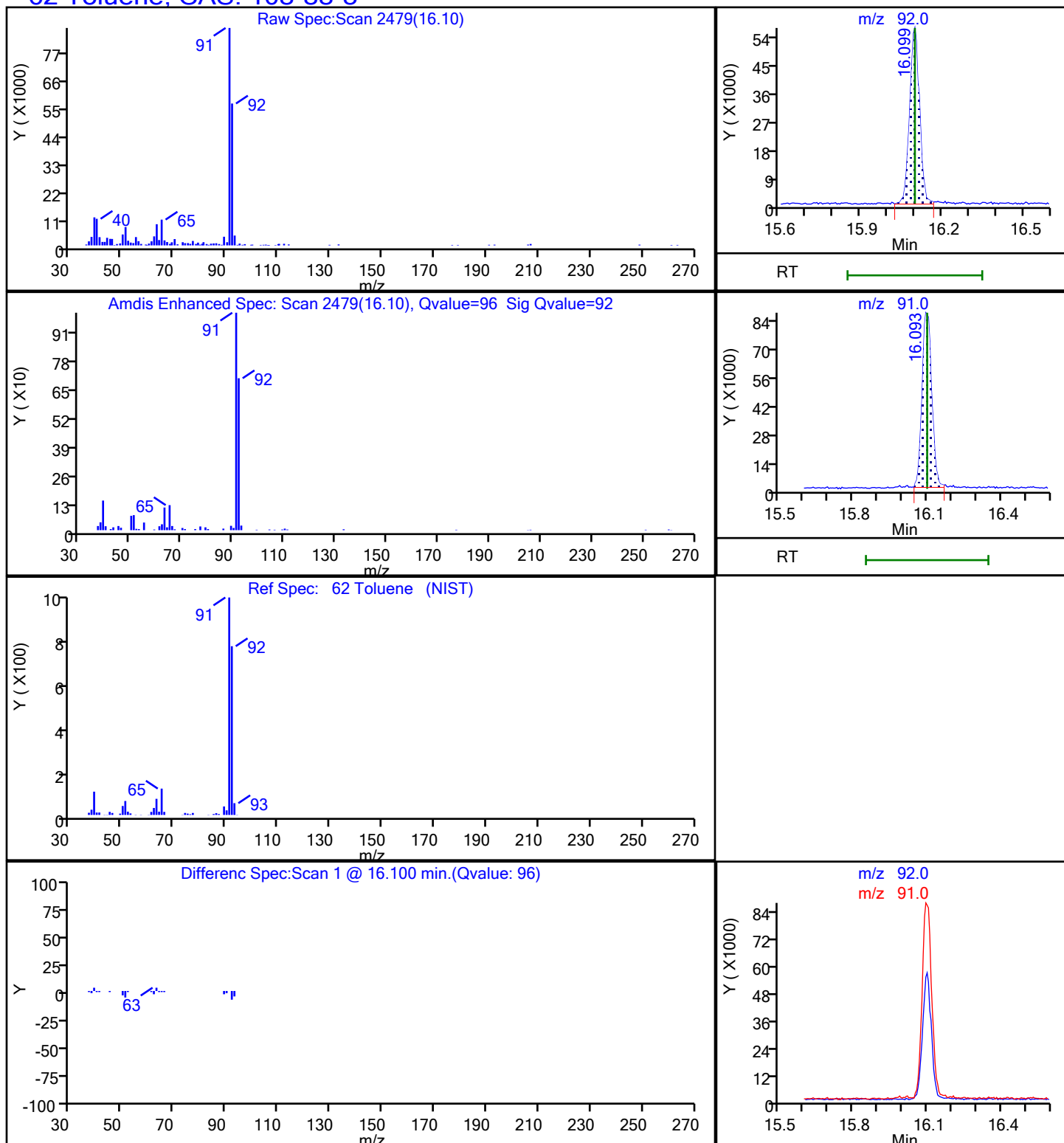
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Injection Date: 19-Dec-2020 00:52:30 Instrument ID: CHW.i  
Lims ID: 200-56451-A-2 Lab Sample ID: 200-56451-2  
Client ID: SG-202  
Operator ID: ggg ALS Bottle#: 18 Worklist Smp#: 19  
Purge Vol: 200.000 mL Dil. Factor: 1.0000  
Method: TO15\_TO3\_MasterMethod\_W Limit Group: AI\_TO15\_ICAL  
Column: RTX-624 ( 0.32 mm) Detector MS SCAN

**51 Trichloroethene, CAS: 79-01-6**



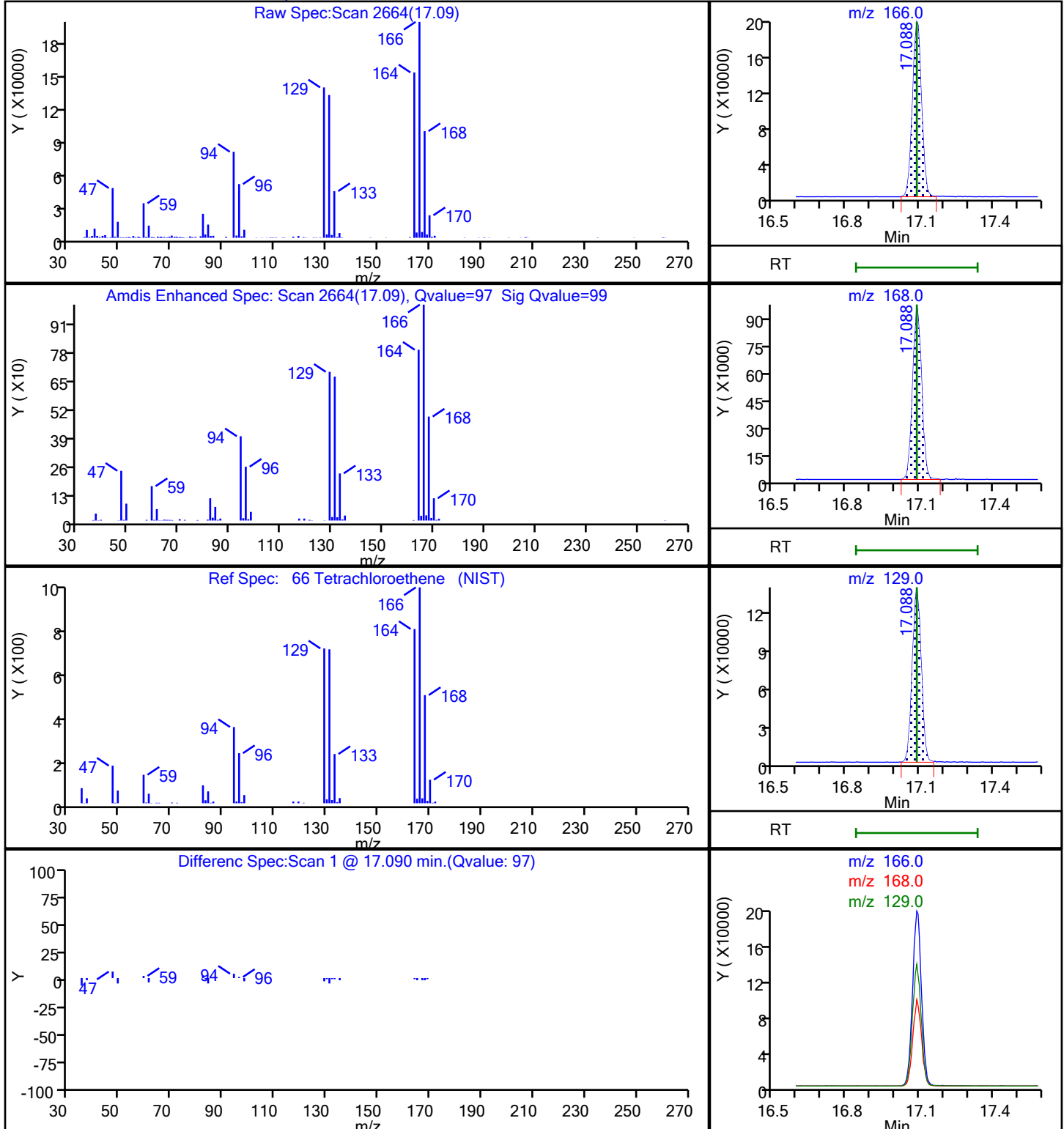
## Eurofins TestAmerica, Burlington

Data File: \\chromfs\Burlington\ChromData\CHW.i\20201218-44134.b\44134-019.d  
Injection Date: 19-Dec-2020 00:52:30 Instrument ID: CHW.i  
Lims ID: 200-56451-A-2 Lab Sample ID: 200-56451-2  
Client ID: SG-202  
Operator ID: ggg ALS Bottle#: 18 Worklist Smp#: 19  
Purge Vol: 200.000 mL Dil. Factor: 1.0000  
Method: TO15\_TO3\_MasterMethod\_W Limit Group: AI\_TO15\_ICAL  
Column: RTX-624 ( 0.32 mm) Detector: MS SCAN

**62 Toluene, CAS: 108-88-3**

## Eurofins TestAmerica, Burlington

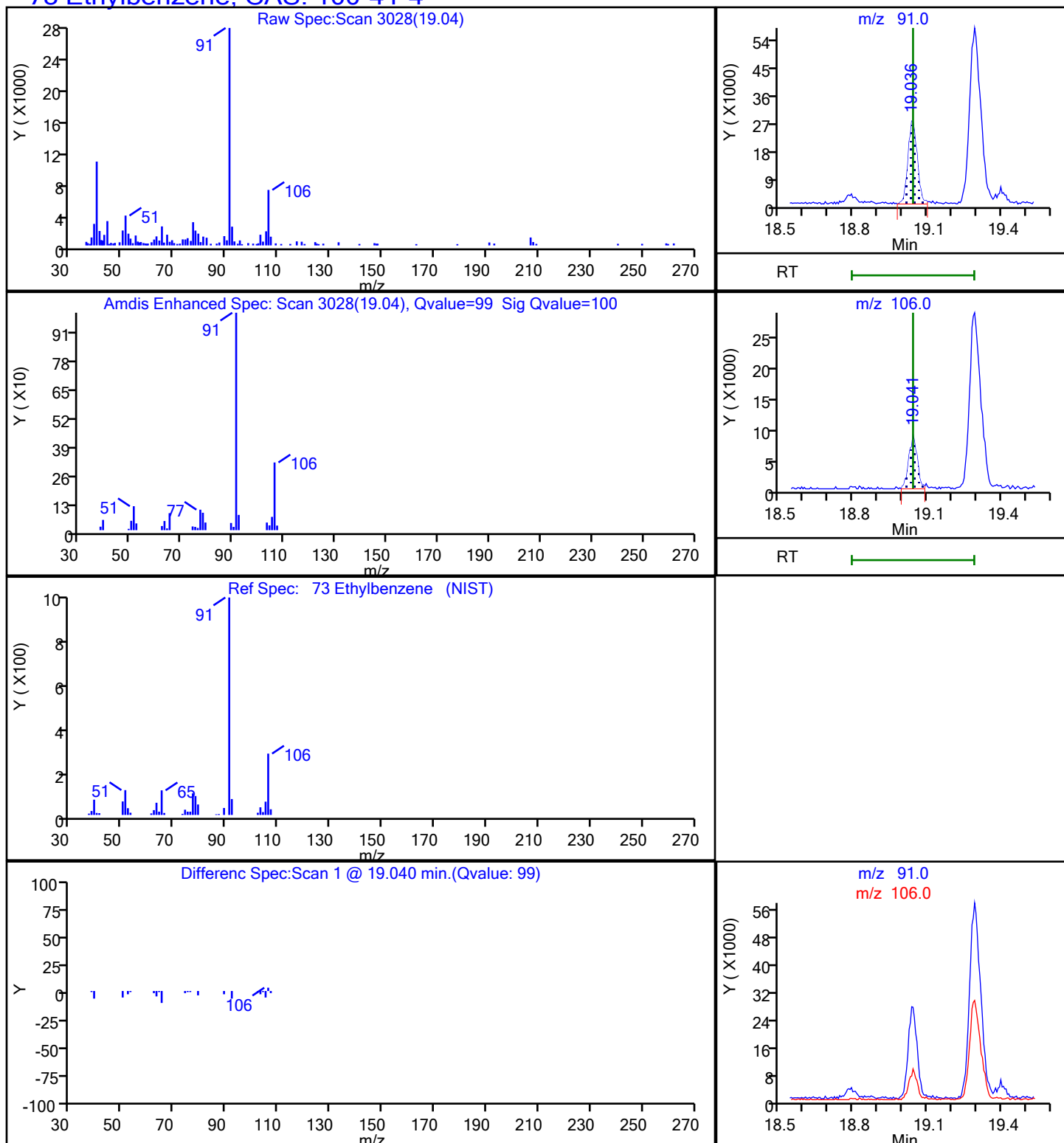
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Injection Date: 19-Dec-2020 00:52:30 Instrument ID: CHW.i  
Lims ID: 200-56451-A-2 Lab Sample ID: 200-56451-2  
Client ID: SG-202  
Operator ID: ggg ALS Bottle#: 18 Worklist Smp#: 19  
Purge Vol: 200.000 mL Dil. Factor: 1.0000  
Method: TO15\_TO3\_MasterMethod\_W Limit Group: AI\_TO15\_ICAL  
Column: RTX-624 ( 0.32 mm) Detector: MS SCAN

**66 Tetrachloroethene, CAS: 127-18-4**

## Eurofins TestAmerica, Burlington

Data File: \\chromfs\Burlington\ChromData\CHW.i\20201218-44134.b\44134-019.d  
Injection Date: 19-Dec-2020 00:52:30 Instrument ID: CHW.i  
Lims ID: 200-56451-A-2 Lab Sample ID: 200-56451-2  
Client ID: SG-202  
Operator ID: ggg ALS Bottle#: 18 Worklist Smp#: 19  
Purge Vol: 200.000 mL Dil. Factor: 1.0000  
Method: TO15\_TO3\_MasterMethod\_W Limit Group: AI\_TO15\_ICAL  
Column: RTX-624 ( 0.32 mm) Detector MS SCAN

## 73 Ethylbenzene, CAS: 100-41-4



Eurofins TestAmerica, Burlington

Data File: \\chromfs\Burlington\ChromData\CHW.i\20201218-44134.b\44134-019.d

Injection Date: 19-Dec-2020 00:52:30

Instrument ID: CHW.i

Lims ID: 200-56451-A-2

Lab Sample ID: 200-56451-2

Client ID: SG-202

Operator ID: ggg

ALS Bottle#: 18

Worklist Smp#: 19

Purge Vol: 200.000 mL

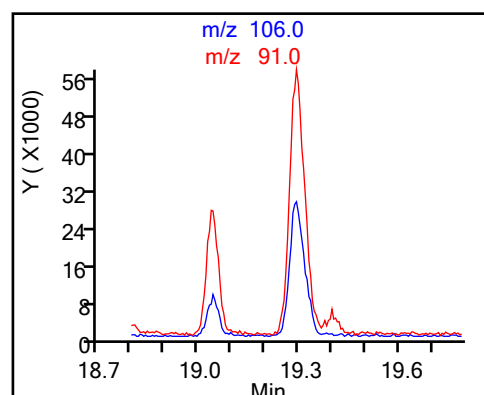
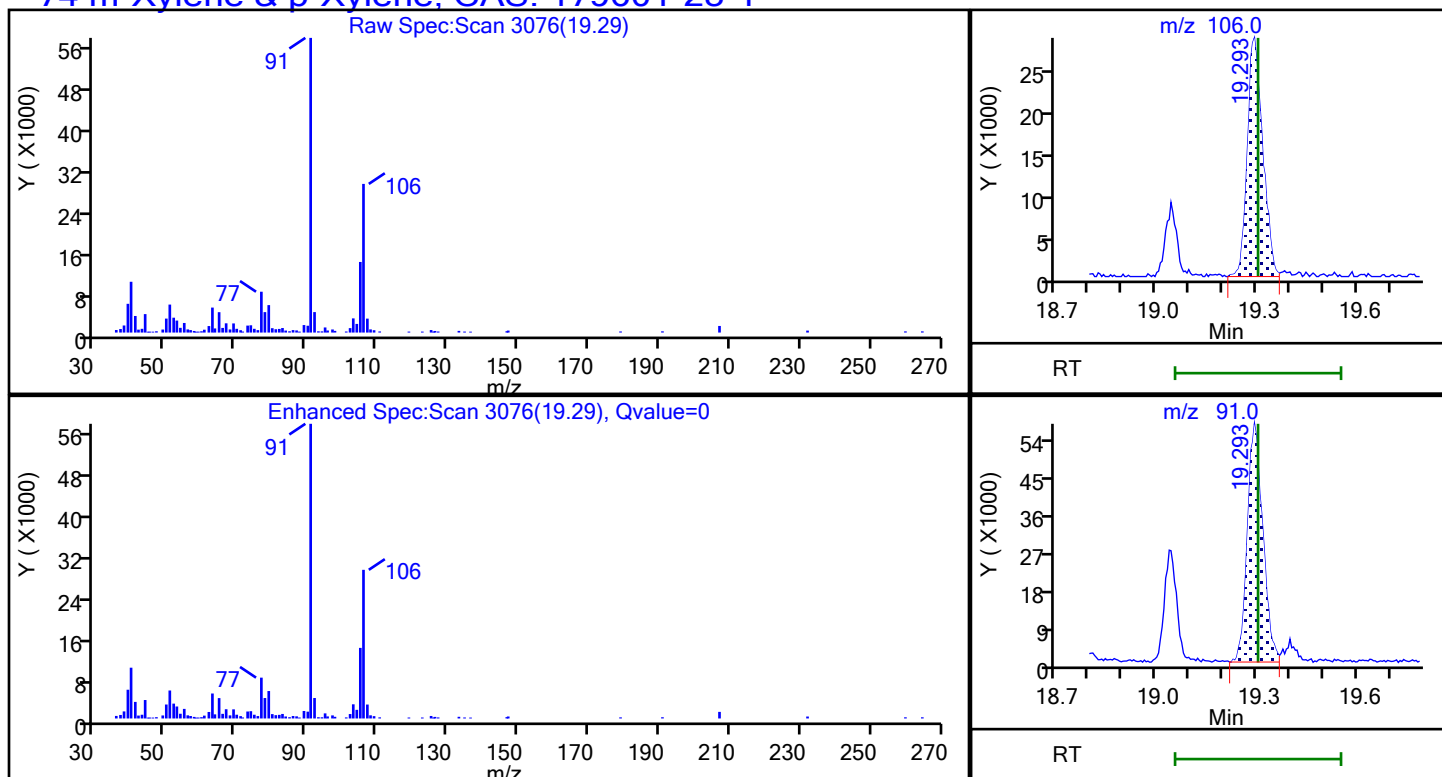
Dil. Factor: 1.0000

Method: TO15\_TO3\_MasterMethod\_W

Limit Group: AI\_TO15\_ICAL

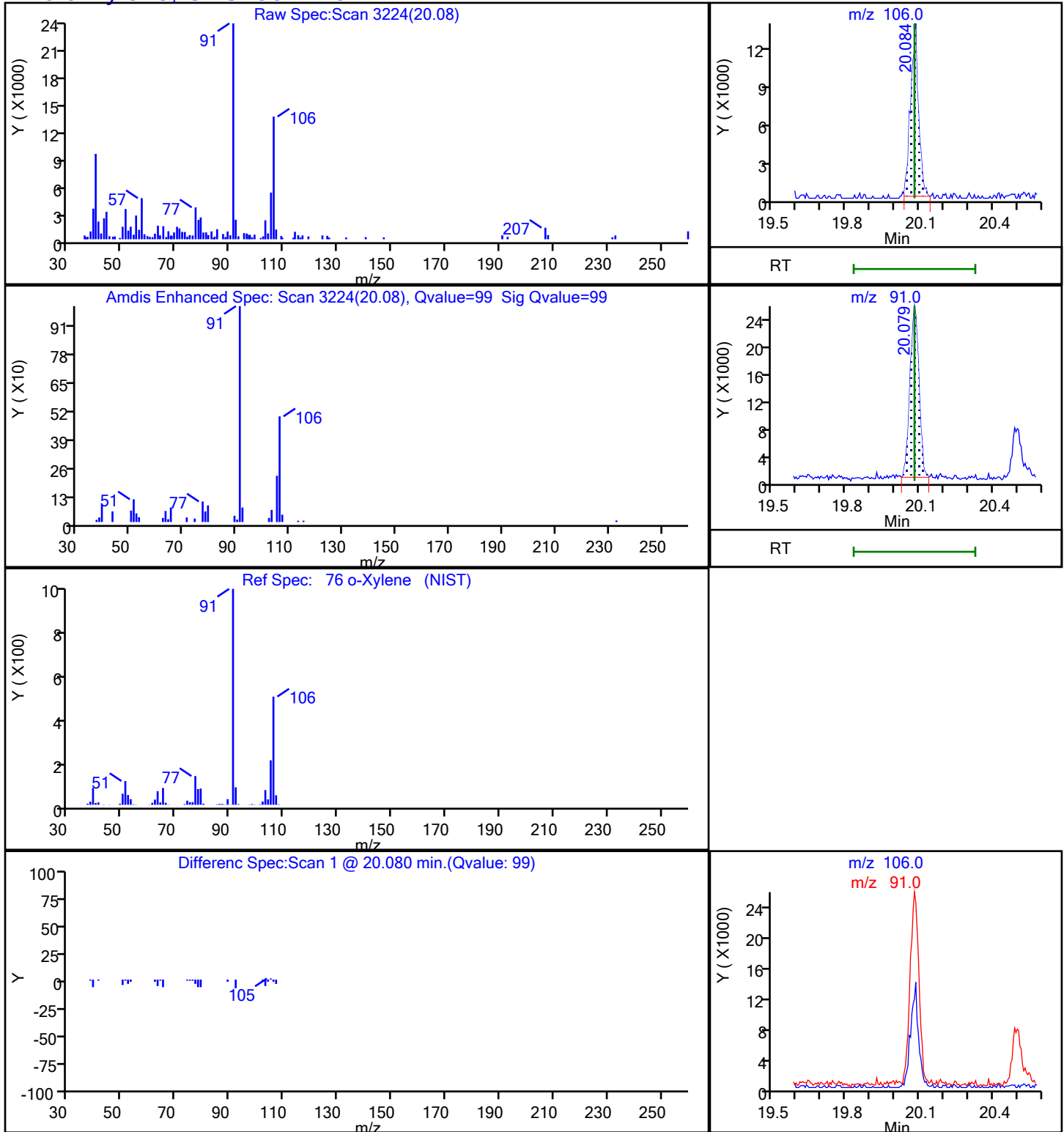
Column: RTX-624 ( 0.32 mm)

Detector: MS SCAN

**74 m-Xylene & p-Xylene, CAS: 179601-23-1**

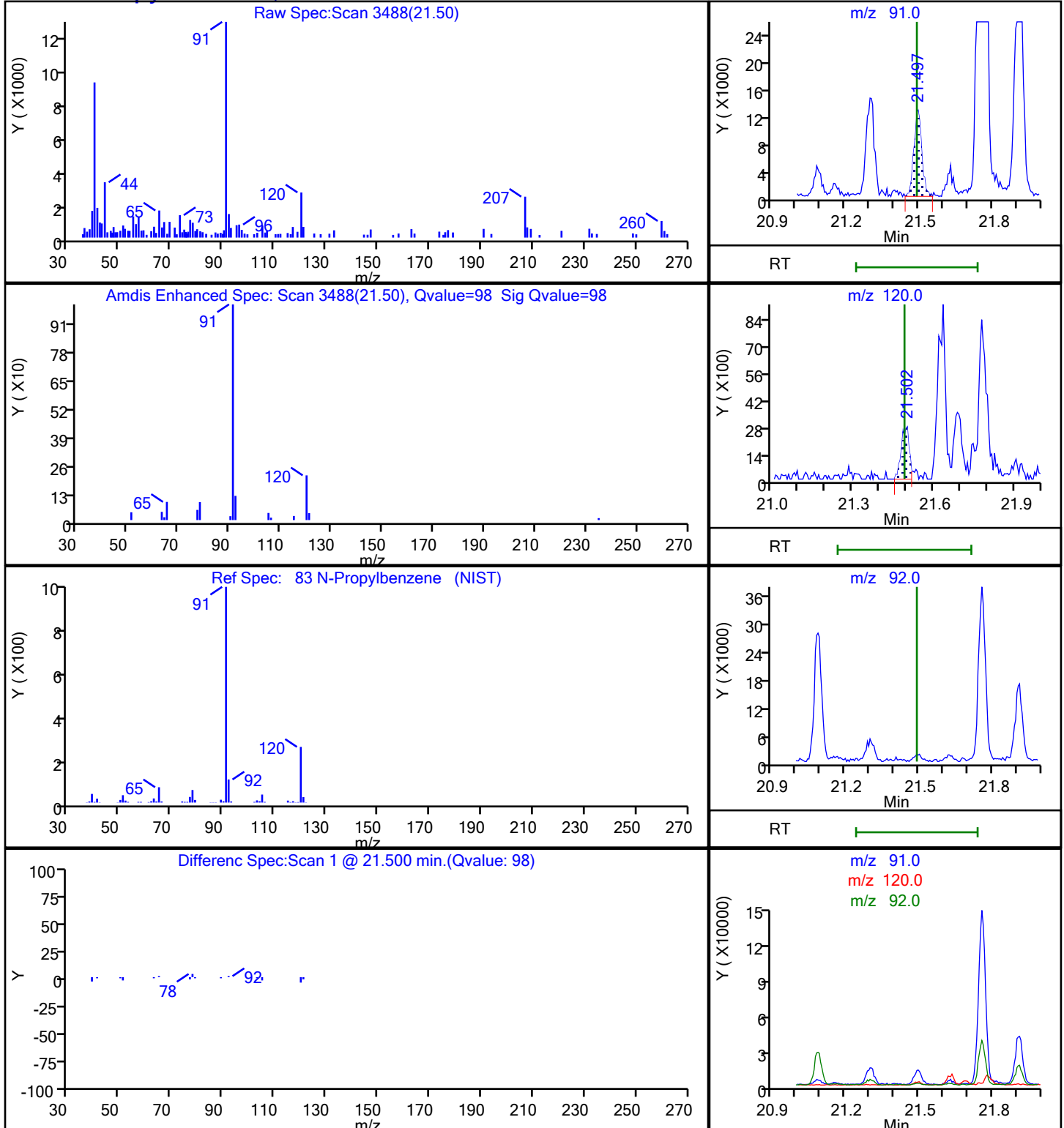
## Eurofins TestAmerica, Burlington

Data File: \\chromfs\Burlington\ChromData\CHW.i\20201218-44134.b\44134-019.d  
Injection Date: 19-Dec-2020 00:52:30 Instrument ID: CHW.i  
Lims ID: 200-56451-A-2 Lab Sample ID: 200-56451-2  
Client ID: SG-202  
Operator ID: ggg ALS Bottle#: 18 Worklist Smp#: 19  
Purge Vol: 200.000 mL Dil. Factor: 1.0000  
Method: TO15\_TO3\_MasterMethod\_W Limit Group: AI\_TO15\_ICAL  
Column: RTX-624 ( 0.32 mm) Detector: MS SCAN

**76 o-Xylene, CAS: 95-47-6**

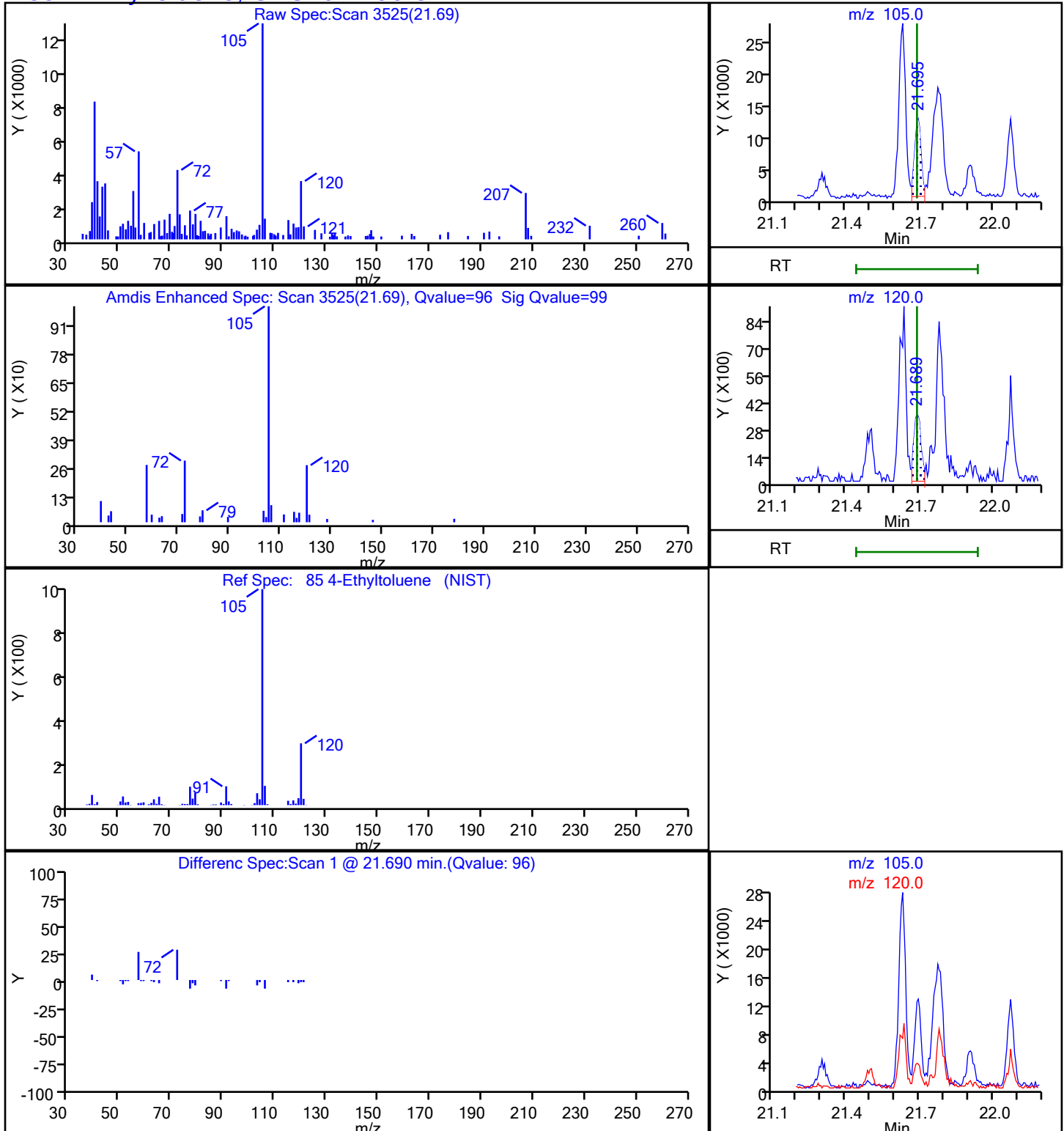
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Data File: \\chromfs\Burlington\ChromData\CHW.i\20201218-44134.b\44134-019.d  
Injection Date: 19-Dec-2020 00:52:30 Instrument ID: CHW.i  
Lims ID: 200-56451-A-2 Lab Sample ID: 200-56451-2  
Client ID: SG-202  
Operator ID: ggg ALS Bottle#: 18 Worklist Smp#: 19  
Purge Vol: 200.000 mL Dil. Factor: 1.0000  
Method: TO15\_TO3\_MasterMethod\_W Limit Group: AI\_TO15\_ICAL  
Column: RTX-624 ( 0.32 mm) Detector MS SCAN

**83 N-Propylbenzene, CAS: 103-65-1**

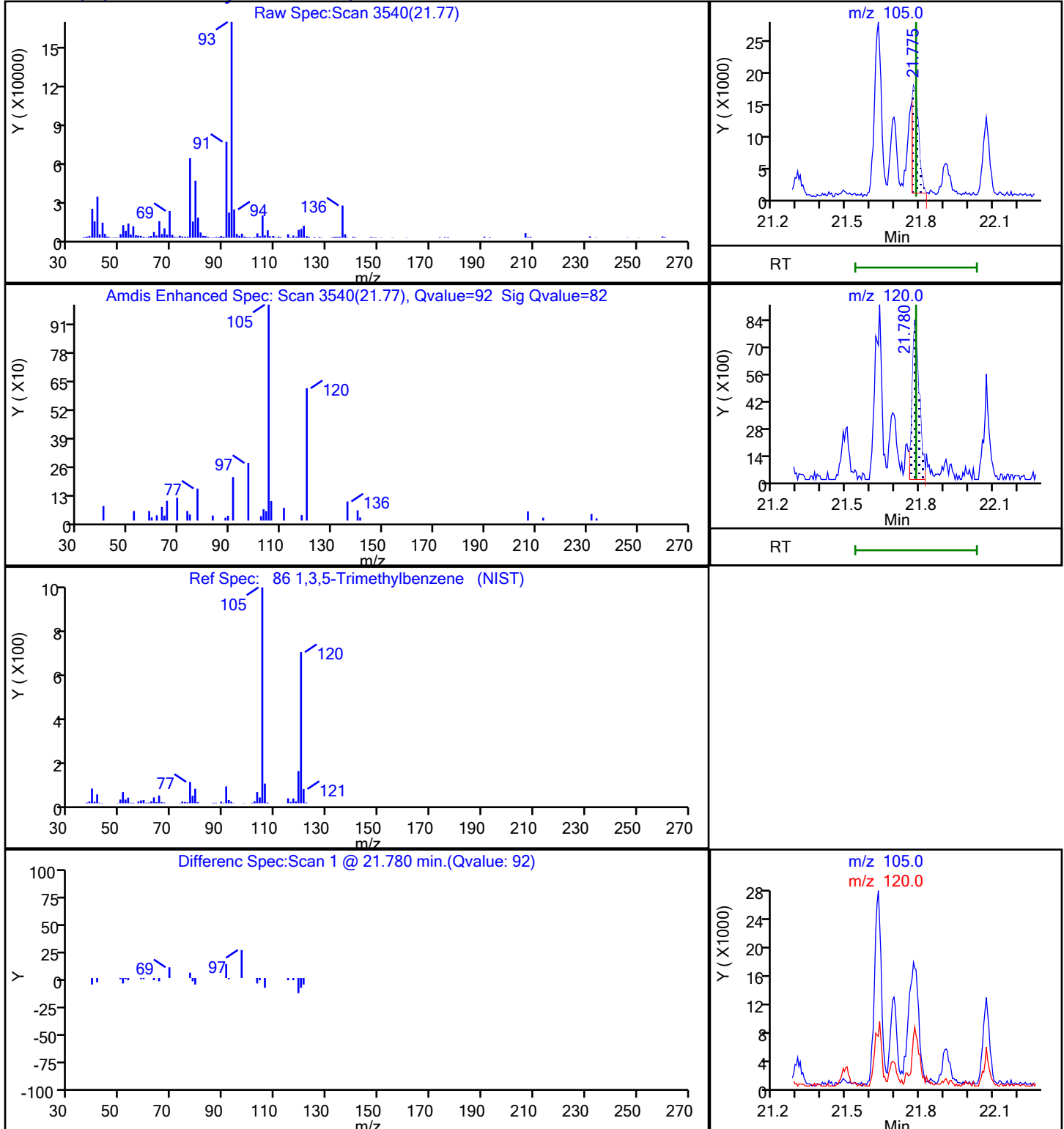
## Eurofins TestAmerica, Burlington

Data File: \\chromfs\Burlington\ChromData\CHW.i\20201218-44134.b\44134-019.d  
Injection Date: 19-Dec-2020 00:52:30 Instrument ID: CHW.i  
Lims ID: 200-56451-A-2 Lab Sample ID: 200-56451-2  
Client ID: SG-202  
Operator ID: ggg ALS Bottle#: 18 Worklist Smp#: 19  
Purge Vol: 200.000 mL Dil. Factor: 1.0000  
Method: TO15\_TO3\_MasterMethod\_W Limit Group: AI\_TO15\_ICAL  
Column: RTX-624 ( 0.32 mm) Detector: MS SCAN

**85 4-Ethyltoluene, CAS: 622-96-8**

## Eurofins TestAmerica, Burlington

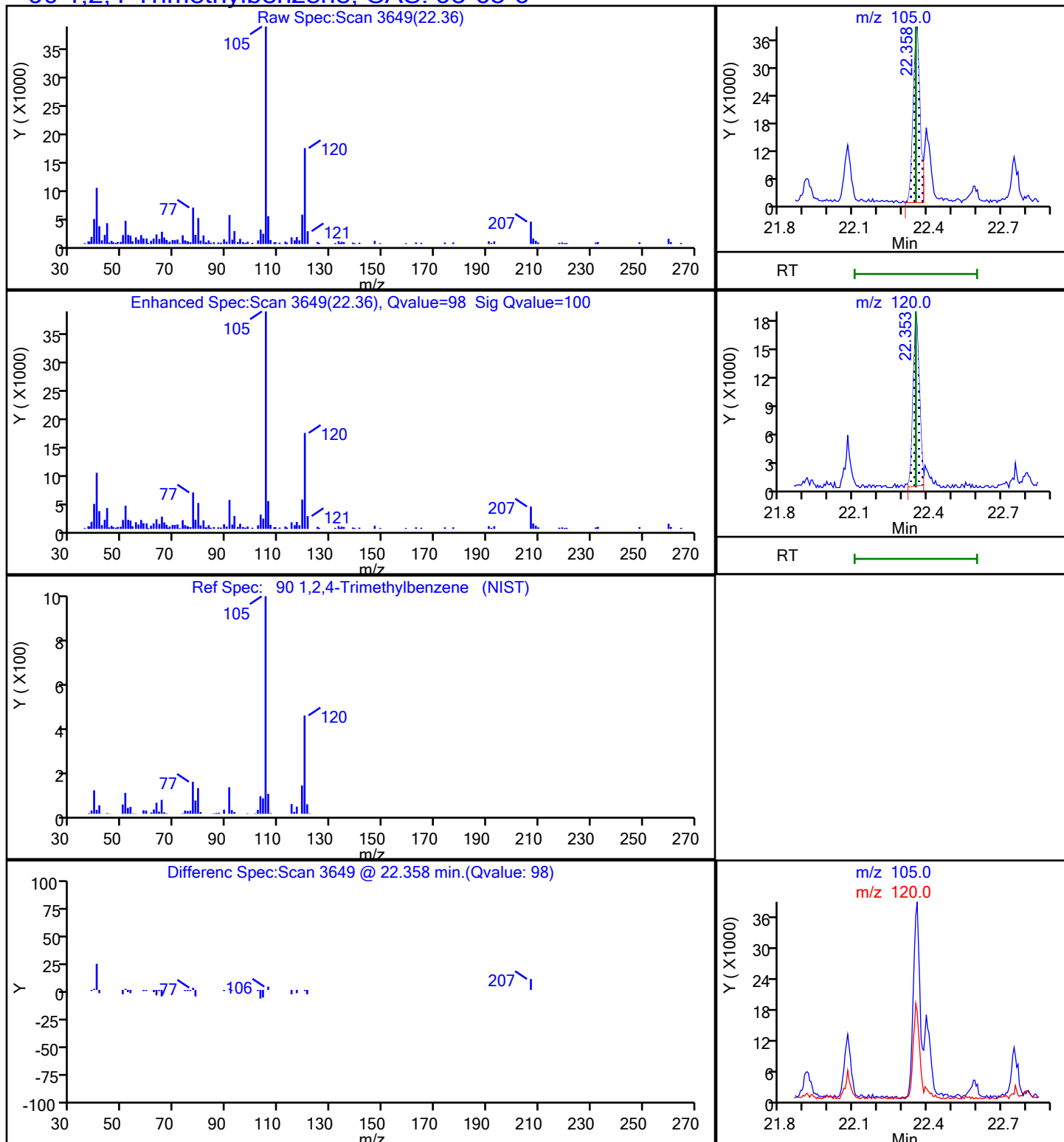
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Injection Date: 19-Dec-2020 00:52:30 Instrument ID: CHW.i  
Lims ID: 200-56451-A-2 Lab Sample ID: 200-56451-2  
Client ID: SG-202  
Operator ID: ggg ALS Bottle#: 18 Worklist Smp#: 19  
Purge Vol: 200.000 mL Dil. Factor: 1.0000  
Method: TO15\_TO3\_MasterMethod\_W Limit Group: AI\_TO15\_ICAL  
Column: RTX-624 ( 0.32 mm) Detector MS SCAN

**86 1,3,5-Trimethylbenzene, CAS: 108-67-8**



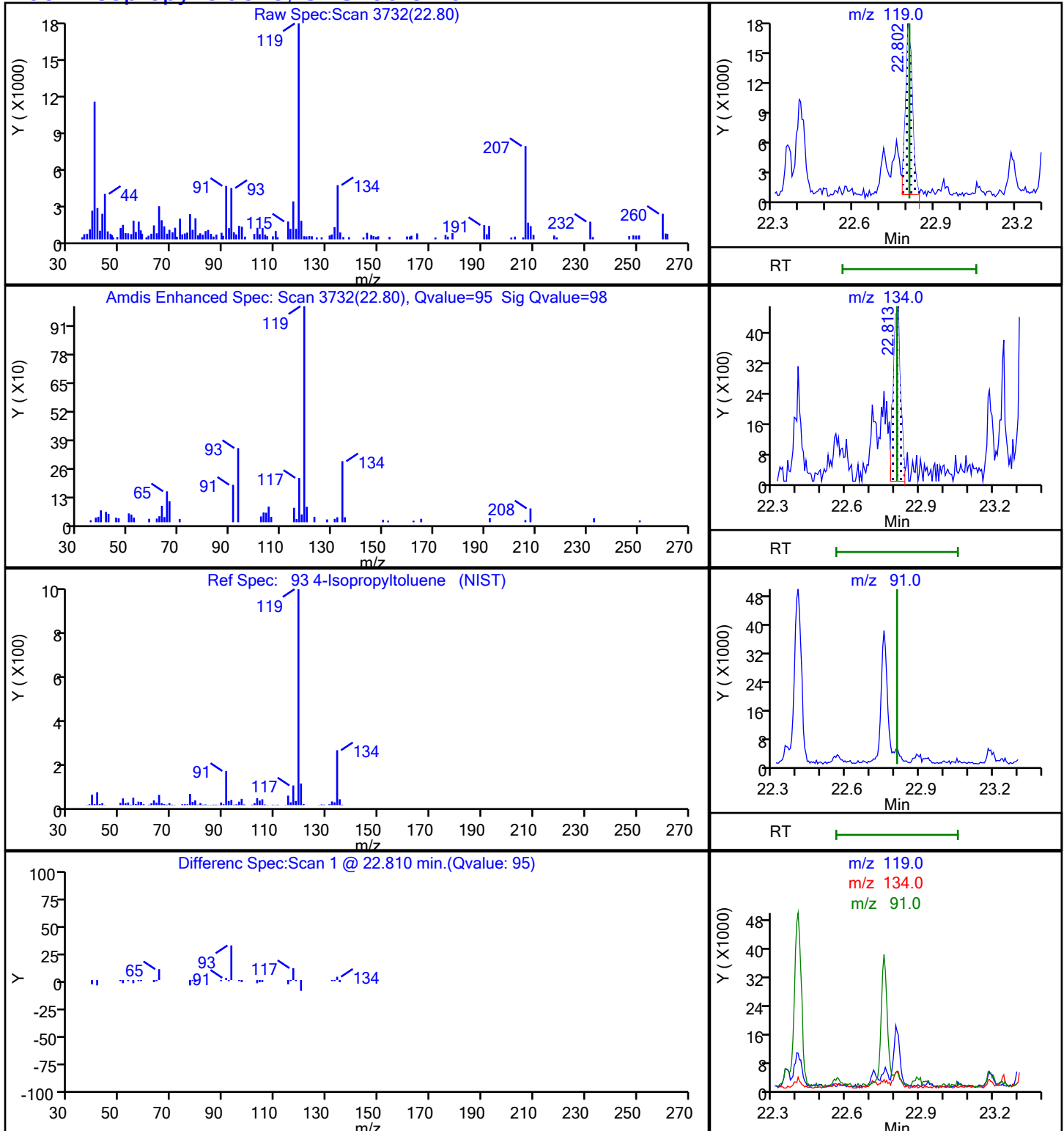
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Data File: \\chromfs\Burlington\ChromData\CHW.i\20201218-44134.b\44134-019.d  
Injection Date: 19-Dec-2020 00:52:30 Instrument ID: CHW.i  
Lims ID: 200-56451-A-2 Lab Sample ID: 200-56451-2  
Client ID: SG-202  
Operator ID: ggg ALS Bottle#: 18 Worklist Smp#: 19  
Purge Vol: 200.000 mL Dil. Factor: 1.0000  
Method: TO15\_TO3\_MasterMethod\_W Limit Group: AI\_TO15\_ICAL  
Column: RTX-624 ( 0.32 mm) Detector MS SCAN

**90 1,2,4-Trimethylbenzene, CAS: 95-63-6**

## Eurofins TestAmerica, Burlington

Data File: \\chromfs\Burlington\ChromData\CHW.i\20201218-44134.b\44134-019.d  
Injection Date: 19-Dec-2020 00:52:30 Instrument ID: CHW.i  
Lims ID: 200-56451-A-2 Lab Sample ID: 200-56451-2  
Client ID: SG-202  
Operator ID: ggg ALS Bottle#: 18 Worklist Smp#: 19  
Purge Vol: 200.000 mL Dil. Factor: 1.0000  
Method: TO15\_TO3\_MasterMethod\_W Limit Group: AI\_TO15\_ICAL  
Column: RTX-624 ( 0.32 mm) Detector: MS SCAN

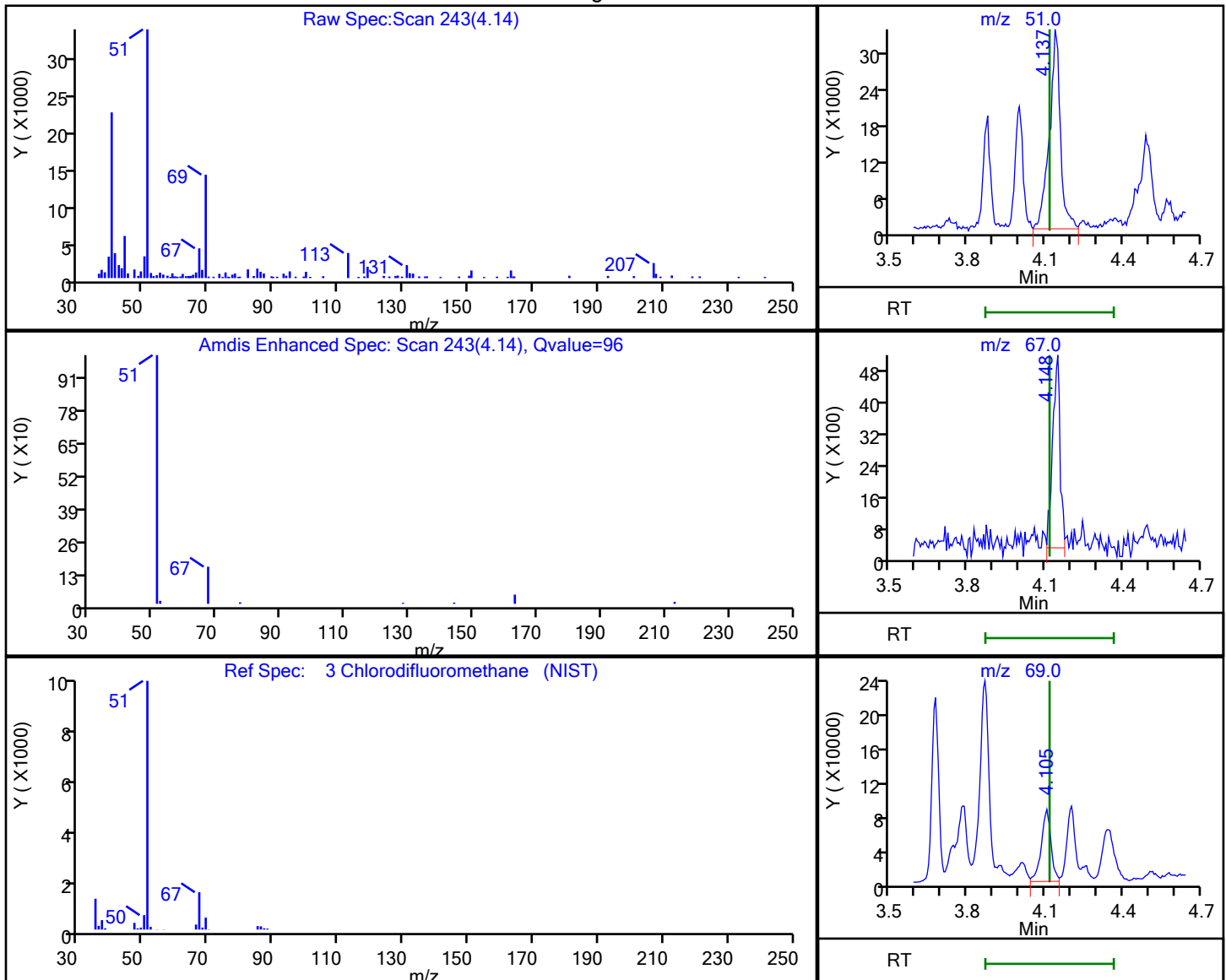
**93 4-Isopropyltoluene, CAS: 99-87-6**

## Eurofins TestAmerica, Burlington

Data File: \\chromfs\Burlington\ChromData\CHW.i\20201218-44134.b\44134-019.d  
Injection Date: 19-Dec-2020 00:52:30 Instrument ID: CHW.i  
Lims ID: 200-56451-A-2 Lab Sample ID: 200-56451-2  
Client ID: SG-202  
Operator ID: ggg ALS Bottle#: 18 Worklist Smp#: 19  
Purge Vol: 200.000 mL Dil. Factor: 1.0000  
Method: TO15\_TO3\_MasterMethod\_W Limit Group: AI\_TO15\_ICAL  
Column: RTX-624 ( 0.32 mm) Detector: MS SCAN

## 3 Chlorodifluoromethane, CAS: 75-45-6

## Processing Results



| RT   | Mass  | Response | Amount   |
|------|-------|----------|----------|
| 4.14 | 51.00 | 98834    | 0.420762 |
| 4.15 | 67.00 | 9940     |          |
| 4.10 | 69.00 | 224788   |          |

Reviewer: bunmaa, 21-Dec-2020 12:44:05

Audit Action: Marked Compound Undetected

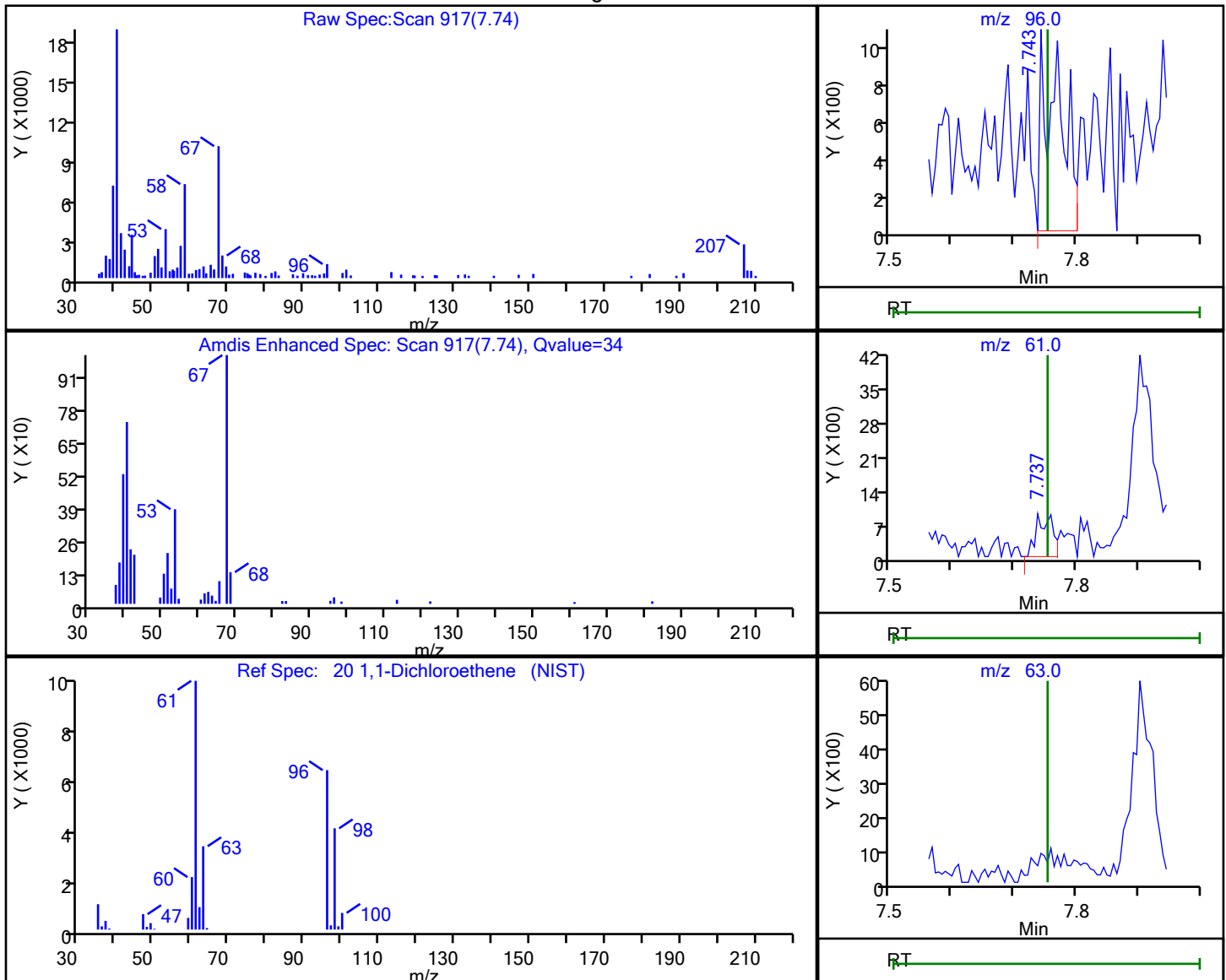
Audit Reason: Invalid Compound ID

## Eurofins TestAmerica, Burlington

Data File: \\chromfs\Burlington\ChromData\CHW.i\20201218-44134.b\44134-019.d  
Injection Date: 19-Dec-2020 00:52:30 Instrument ID: CHW.i  
Lims ID: 200-56451-A-2 Lab Sample ID: 200-56451-2  
Client ID: SG-202  
Operator ID: ggg ALS Bottle#: 18 Worklist Smp#: 19  
Purge Vol: 200.000 mL Dil. Factor: 1.0000  
Method: TO15\_TO3\_MasterMethod\_W Limit Group: AI\_TO15\_ICAL  
Column: RTX-624 ( 0.32 mm) Detector: MS SCAN

## 20 1,1-Dichloroethene, CAS: 75-35-4

## Processing Results



| RT   | Mass  | Response | Amount   |
|------|-------|----------|----------|
| 7.74 | 96.00 | 2178     | 0.018138 |
| 7.74 | 61.00 | 1573     |          |
| 7.75 | 63.00 | 0        |          |

Reviewer: bunmaa, 21-Dec-2020 12:45:12

Audit Action: Marked Compound Undetected

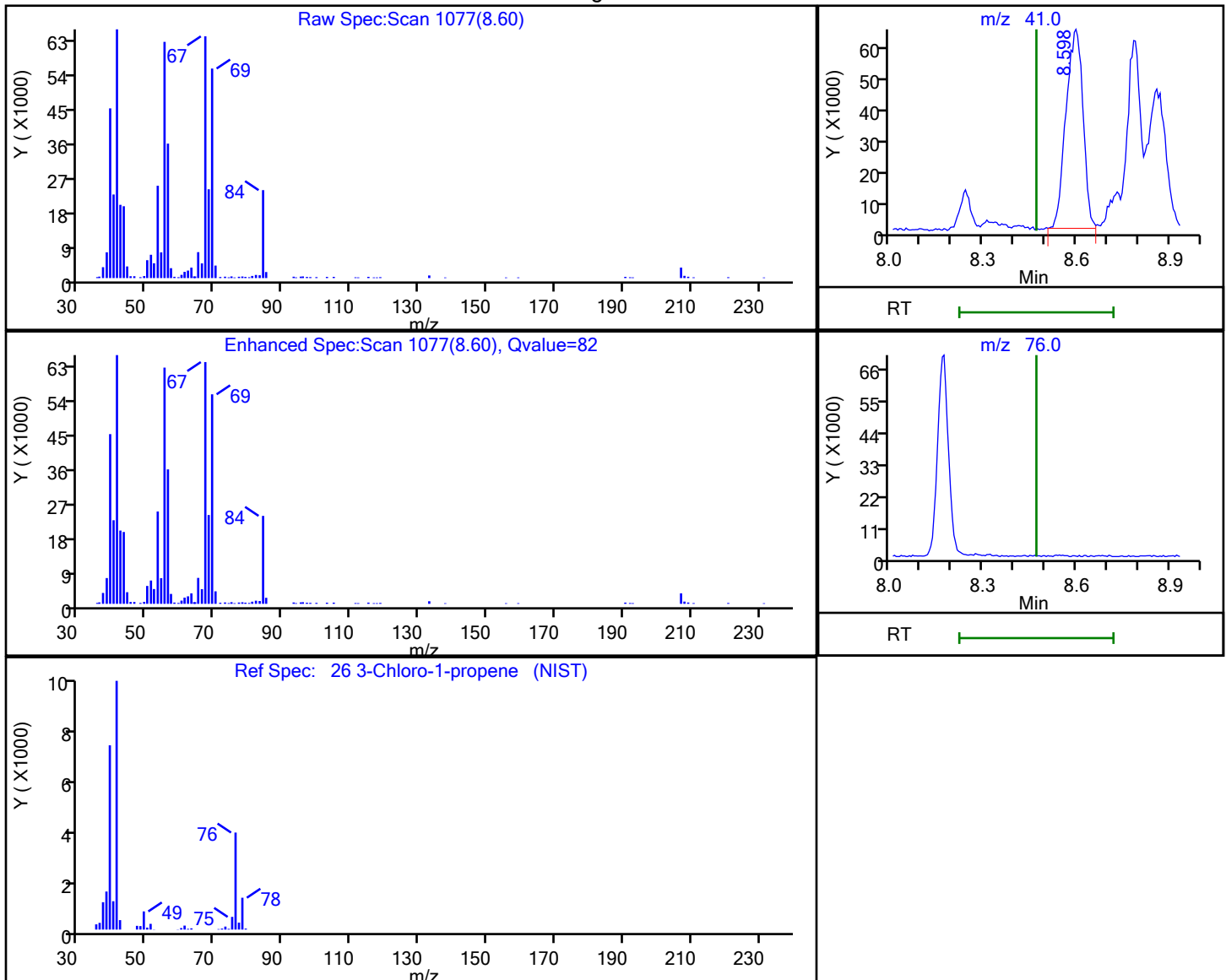
Audit Reason: Invalid Compound ID

## Eurofins TestAmerica, Burlington

Data File: \\chromfs\Burlington\ChromData\CHW.i\20201218-44134.b\44134-019.d  
Injection Date: 19-Dec-2020 00:52:30 Instrument ID: CHW.i  
Lims ID: 200-56451-A-2 Lab Sample ID: 200-56451-2  
Client ID: SG-202  
Operator ID: ggg ALS Bottle#: 18 Worklist Smp#: 19  
Purge Vol: 200.000 mL Dil. Factor: 1.0000  
Method: TO15\_TO3\_MasterMethod\_W Limit Group: AI\_TO15\_ICAL  
Column: RTX-624 ( 0.32 mm) Detector: MS SCAN

## 26 3-Chloro-1-propene, CAS: 107-05-1

## Processing Results



| RT   | Mass  | Response | Amount   |
|------|-------|----------|----------|
| 8.60 | 41.00 | 245713   | 1.741762 |
| 8.47 | 76.00 | 0        |          |

Reviewer: bunmaa, 21-Dec-2020 12:45:31

Audit Action: Marked Compound Undetected

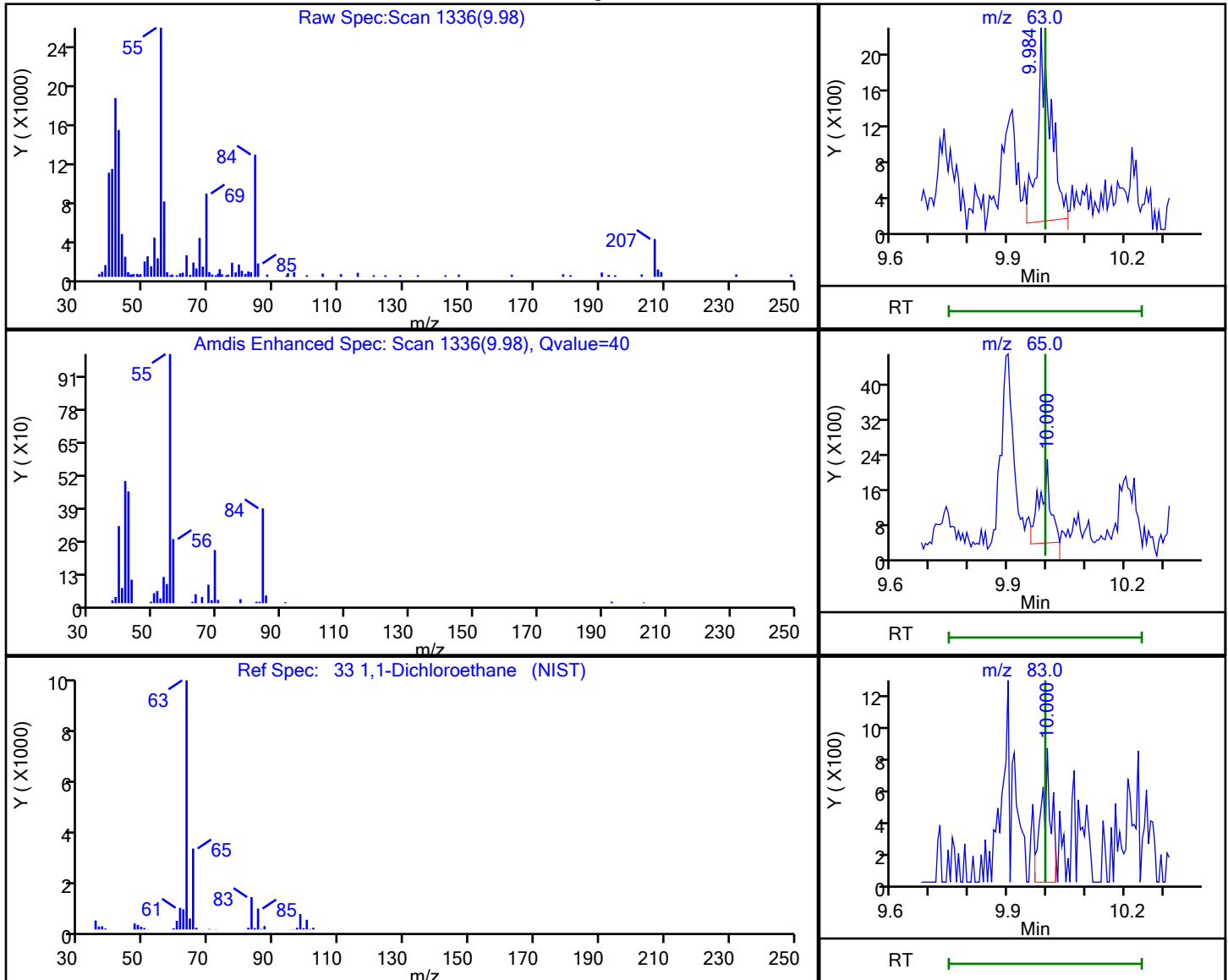
Audit Reason: Invalid Compound ID

## Eurofins TestAmerica, Burlington

Data File: \\chromfs\Burlington\ChromData\CHW.i\20201218-44134.b\44134-019.d  
Injection Date: 19-Dec-2020 00:52:30 Instrument ID: CHW.i  
Lims ID: 200-56451-A-2 Lab Sample ID: 200-56451-2  
Client ID: SG-202  
Operator ID: ggg ALS Bottle#: 18 Worklist Smp#: 19  
Purge Vol: 200.000 mL Dil. Factor: 1.0000  
Method: TO15\_TO3\_MasterMethod\_W 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   |
|-------|-------|----------|----------|
| 9.98  | 63.00 | 5003     | 0.023447 |
| 10.00 | 65.00 | 3584     |          |
| 10.00 | 83.00 | 1408     |          |

Reviewer: bunmaa, 21-Dec-2020 12:45:55

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

## Eurofins TestAmerica, Burlington

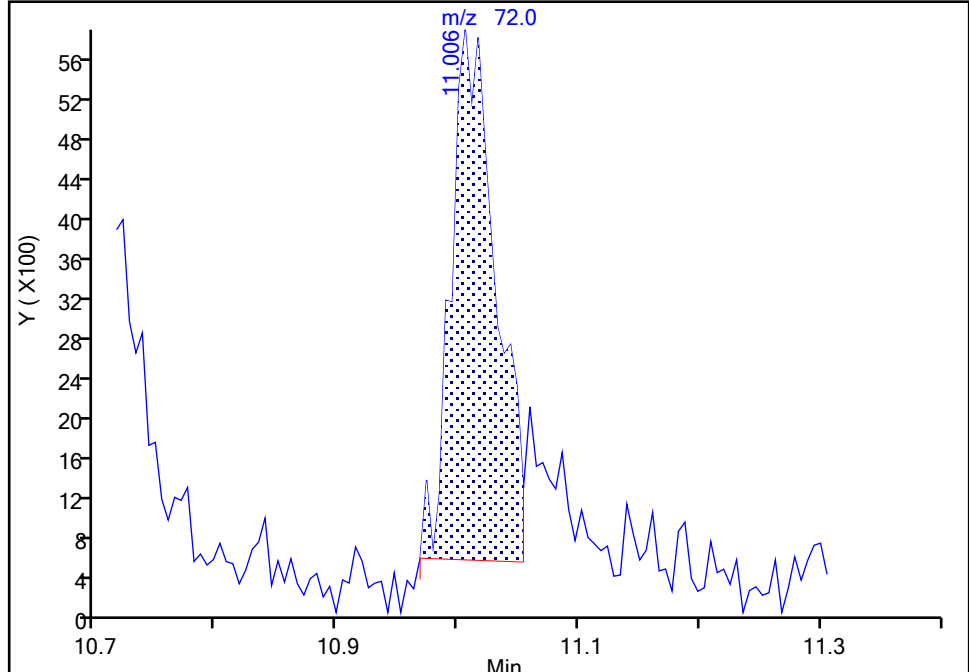
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Injection Date: 19-Dec-2020 00:52:30 Instrument ID: CHW.i  
Lims ID: 200-56451-A-2 Lab Sample ID: 200-56451-2  
Client ID: SG-202  
Operator ID: ggg ALS Bottle#: 18 Worklist Smp#: 19  
Purge Vol: 200.000 mL Dil. Factor: 1.0000  
Method: TO15\_TO3\_MasterMethod\_W Limit Group: AI\_TO15\_ICAL  
Column: RTX-624 ( 0.32 mm) Detector: MS SCAN

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

Signal: 1

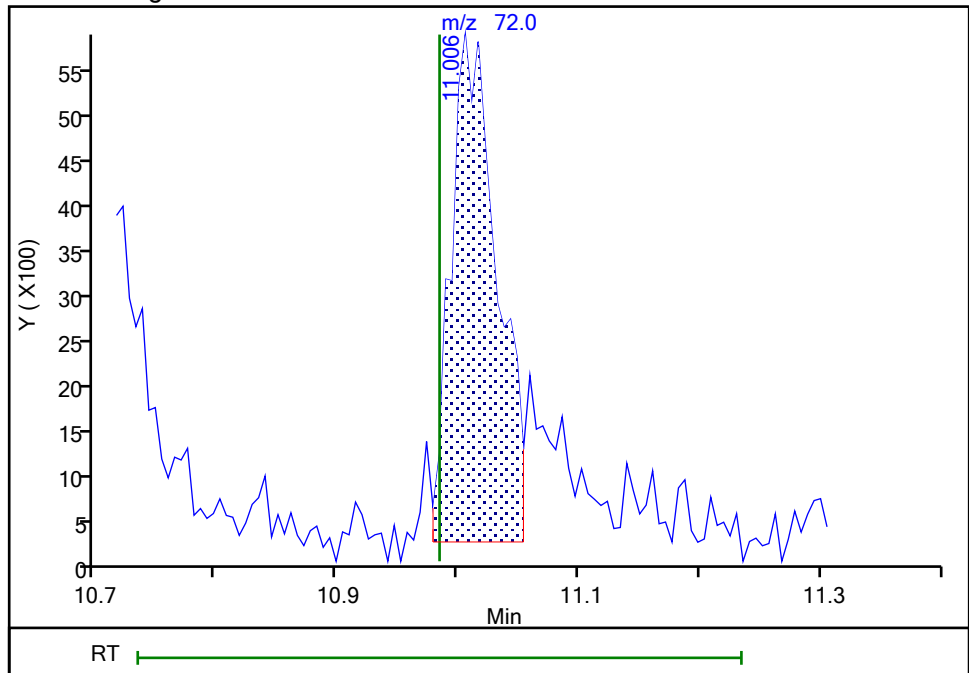
RT: 11.01  
Area: 13753  
Amount: 0.275161  
Amount Units: ppb v/v

## Processing Integration Results



RT: 11.01  
Area: 14975  
Amount: 0.299610  
Amount Units: ppb v/v

## Manual Integration Results



Reviewer: bunmaa, 21-Dec-2020 12:46:11

Audit Action: Manually Integrated

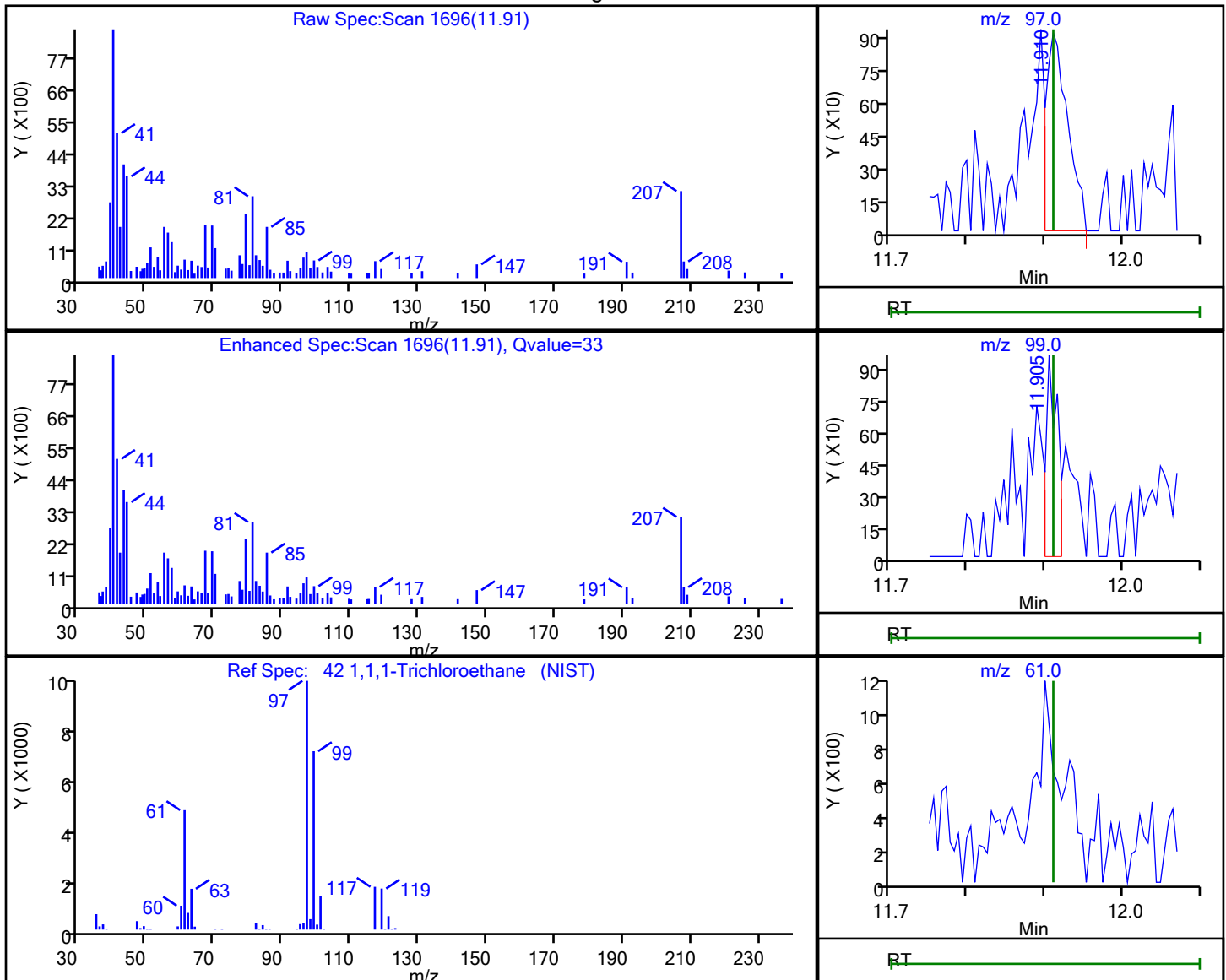
Audit Reason: Assign Peak

## Eurofins TestAmerica, Burlington

Data File: \\chromfs\Burlington\ChromData\CHW.i\20201218-44134.b\44134-019.d  
Injection Date: 19-Dec-2020 00:52:30 Instrument ID: CHW.i  
Lims ID: 200-56451-A-2 Lab Sample ID: 200-56451-2  
Client ID: SG-202  
Operator ID: ggg ALS Bottle#: 18 Worklist Smp#: 19  
Purge Vol: 200.000 mL Dil. Factor: 1.0000  
Method: TO15\_TO3\_MasterMethod\_W Limit Group: AI\_TO15\_ICAL  
Column: RTX-624 ( 0.32 mm) Detector: MS SCAN

## 42 1,1,1-Trichloroethane, CAS: 71-55-6

## Processing Results



| RT    | Mass  | Response | Amount   |
|-------|-------|----------|----------|
| 11.91 | 97.00 | 1789     | 0.006680 |
| 11.90 | 99.00 | 1005     |          |
| 11.91 | 61.00 | 0        |          |

Reviewer: bunmaa, 21-Dec-2020 12:47:01

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID



## Eurofins TestAmerica, Burlington

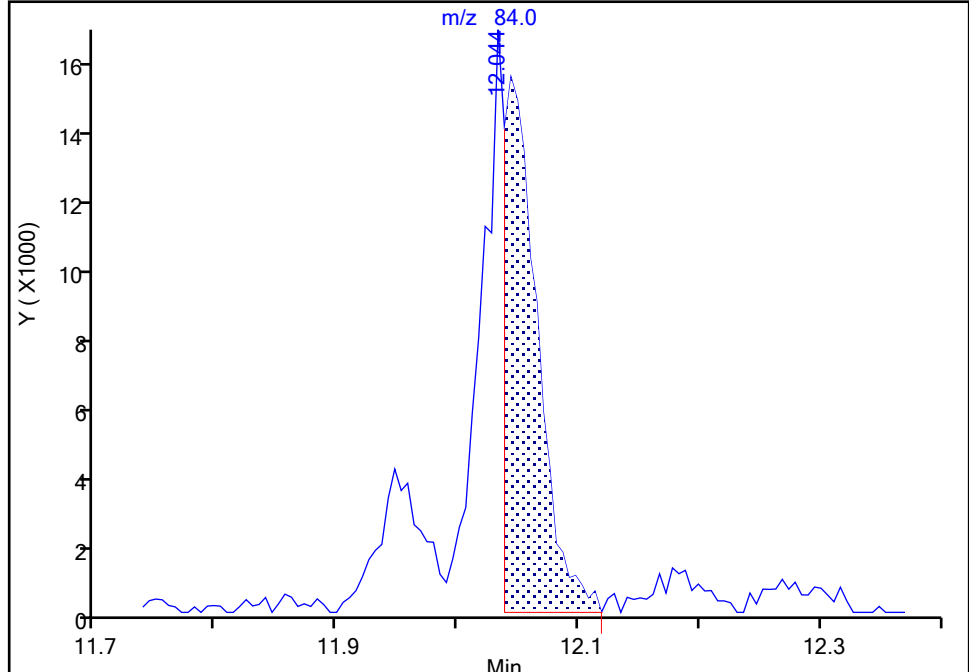
Data File: \\chromfs\Burlington\ChromData\CHW.i\20201218-44134.b\44134-019.d  
Injection Date: 19-Dec-2020 00:52:30 Instrument ID: CHW.i  
Lims ID: 200-56451-A-2 Lab Sample ID: 200-56451-2  
Client ID: SG-202  
Operator ID: ggg ALS Bottle#: 18 Worklist Smp#: 19  
Purge Vol: 200.000 mL Dil. Factor: 1.0000  
Method: TO15\_TO3\_MasterMethod\_W Limit Group: AI\_TO15\_ICAL  
Column: RTX-624 ( 0.32 mm) Detector: MS SCAN

**43 Cyclohexane, CAS: 110-82-7**

Signal: 1

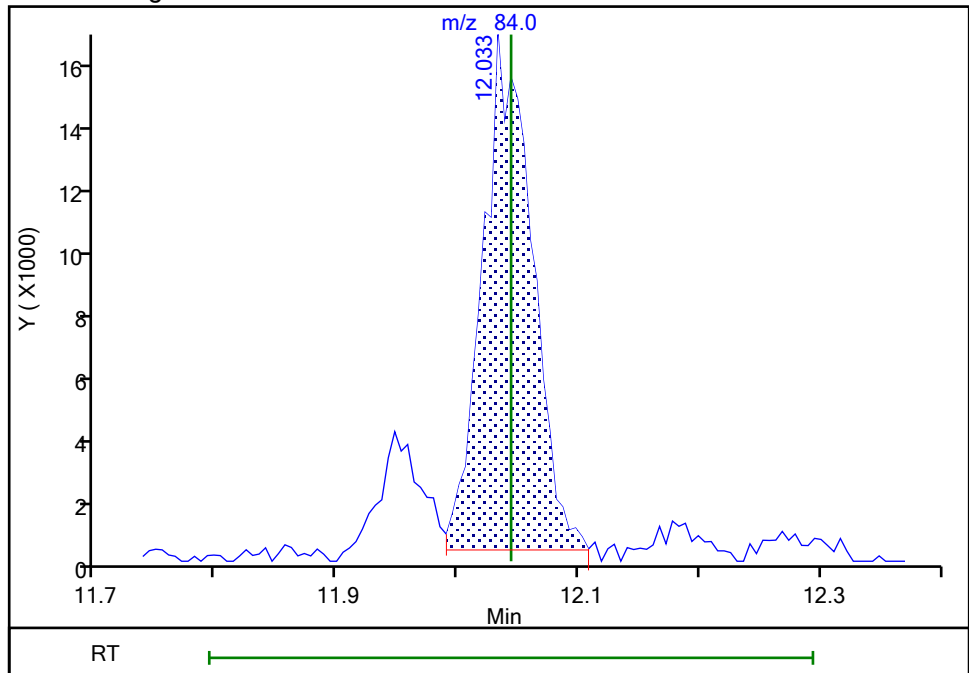
RT: 12.04  
Area: 30573  
Amount: 0.206506  
Amount Units: ppb v/v

## Processing Integration Results



RT: 12.03  
Area: 47311  
Amount: 0.319563  
Amount Units: ppb v/v

## Manual Integration Results



Reviewer: bunmaa, 21-Dec-2020 12:47:12

Audit Action: Manually Integrated

Audit Reason: Assign Peak

## Eurofins TestAmerica, Burlington

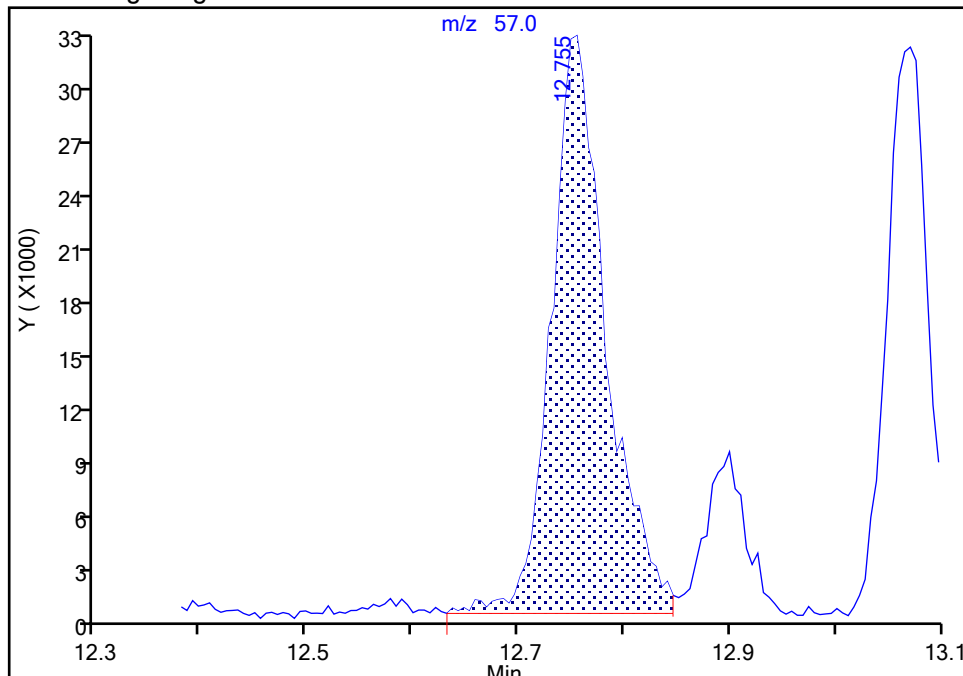
Data File: \\chromfs\Burlington\ChromData\CHW.i\20201218-44134.b\44134-019.d  
Injection Date: 19-Dec-2020 00:52:30 Instrument ID: CHW.i  
Lims ID: 200-56451-A-2 Lab Sample ID: 200-56451-2  
Client ID: SG-202  
Operator ID: ggg ALS Bottle#: 18 Worklist Smp#: 19  
Purge Vol: 200.000 mL Dil. Factor: 1.0000  
Method: TO15\_TO3\_MasterMethod\_W Limit Group: AI\_TO15\_ICAL  
Column: RTX-624 ( 0.32 mm) Detector: MS SCAN

**47 Isooctane, CAS: 540-84-1**

Signal: 1

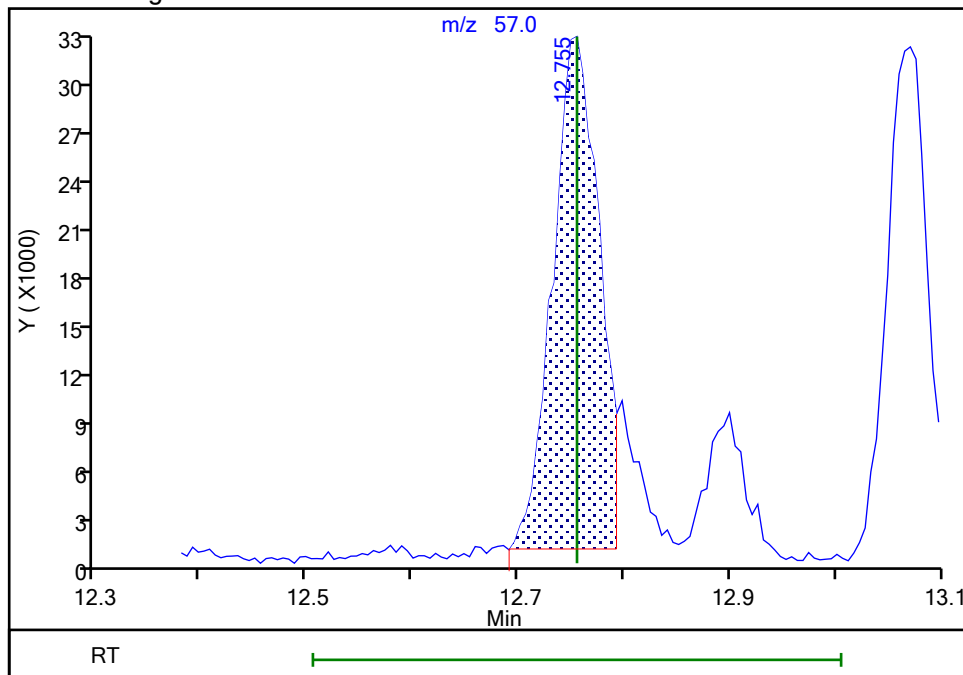
RT: 12.76  
Area: 116825  
Amount: 0.235153  
Amount Units: ppb v/v

## Processing Integration Results



RT: 12.76  
Area: 97344  
Amount: 0.195940  
Amount Units: ppb v/v

## Manual Integration Results



Reviewer: bunmaa, 21-Dec-2020 12:47:54

Audit Action: Manually Integrated

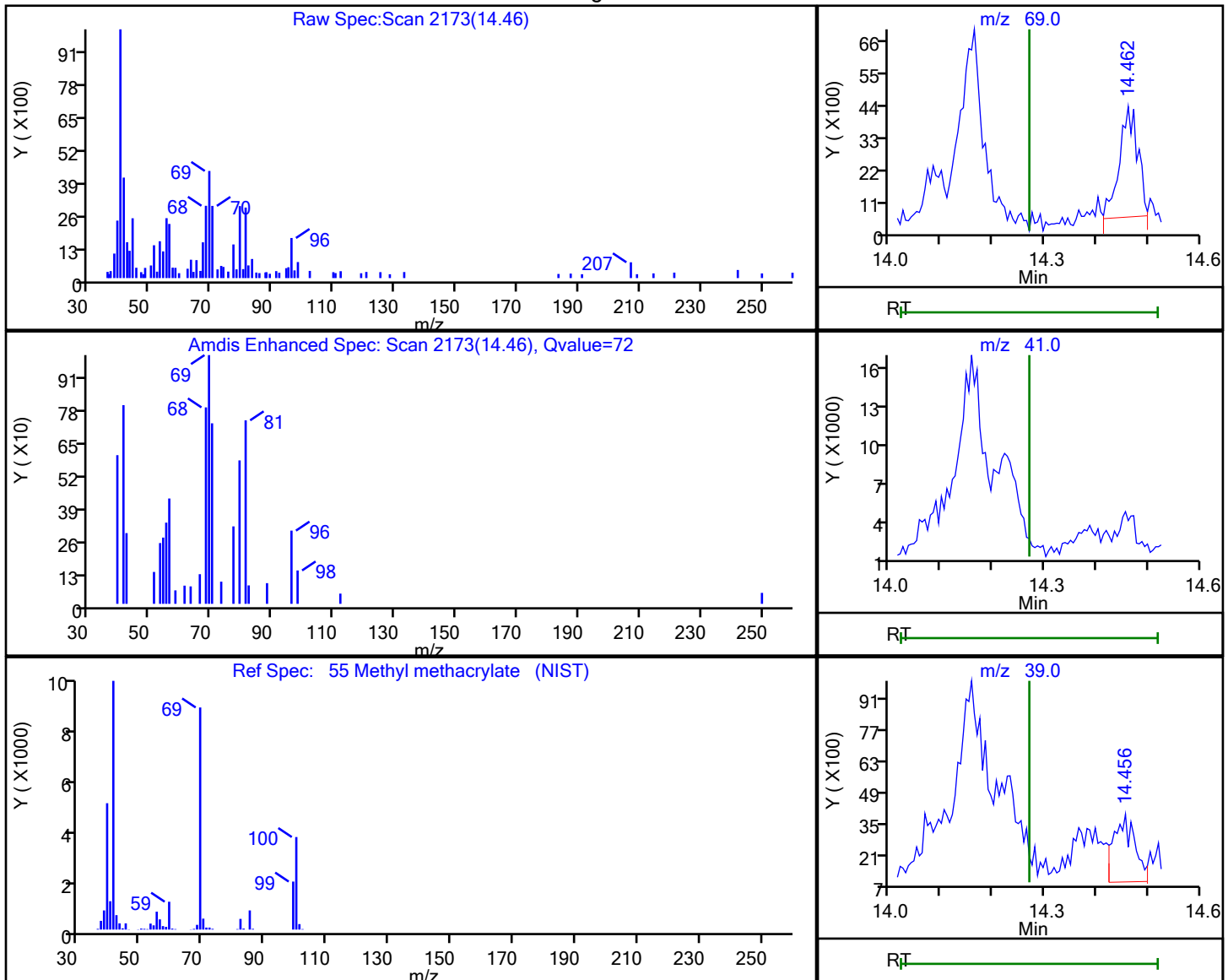
Audit Reason: Assign Peak

## Eurofins TestAmerica, Burlington

Data File: \\chromfs\Burlington\ChromData\CHW.i\20201218-44134.b\44134-019.d  
Injection Date: 19-Dec-2020 00:52:30 Instrument ID: CHW.i  
Lims ID: 200-56451-A-2 Lab Sample ID: 200-56451-2  
Client ID: SG-202  
Operator ID: ggg ALS Bottle#: 18 Worklist Smp#: 19  
Purge Vol: 200.000 mL Dil. Factor: 1.0000  
Method: TO15\_TO3\_MasterMethod\_W 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   |
|-------|-------|----------|----------|
| 14.46 | 69.00 | 9506     | 0.082264 |
| 14.27 | 41.00 | 0        |          |
| 14.46 | 39.00 | 8611     |          |

Reviewer: bunmaa, 21-Dec-2020 12:48:17

Audit Action: Marked Compound Undetected

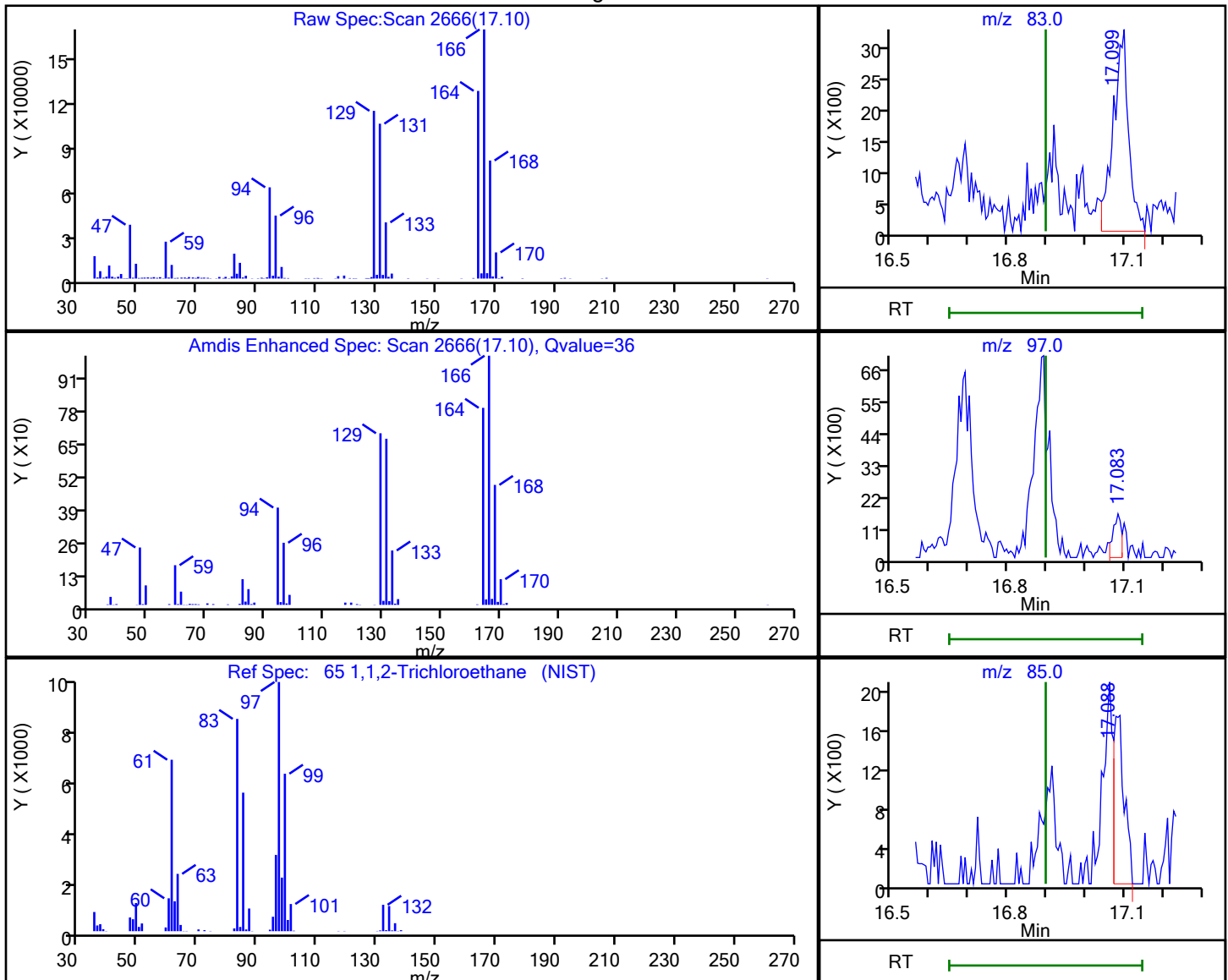
Audit Reason: Invalid Compound ID

## Eurofins TestAmerica, Burlington

Data File: \\chromfs\Burlington\ChromData\CHW.i\20201218-44134.b\44134-019.d  
Injection Date: 19-Dec-2020 00:52:30 Instrument ID: CHW.i  
Lims ID: 200-56451-A-2 Lab Sample ID: 200-56451-2  
Client ID: SG-202  
Operator ID: ggg ALS Bottle#: 18 Worklist Smp#: 19  
Purge Vol: 200.000 mL Dil. Factor: 1.0000  
Method: TO15\_TO3\_MasterMethod\_W Limit Group: AI\_TO15\_ICAL  
Column: RTX-624 ( 0.32 mm) Detector: MS SCAN

## 65 1,1,2-Trichloroethane, CAS: 79-00-5

## Processing Results



| RT    | Mass  | Response | Amount   |
|-------|-------|----------|----------|
| 17.10 | 83.00 | 8973     | 0.075747 |
| 17.08 | 97.00 | 2259     |          |
| 17.09 | 85.00 | 3308     |          |

Reviewer: bunmaa, 21-Dec-2020 12:49:11

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

## Eurofins TestAmerica, Burlington

Data File: \\chromfs\Burlington\ChromData\CHW.i\20201218-44134.b\44134-019.d

Injection Date: 19-Dec-2020 00:52:30

Instrument ID: CHW.i

Lims ID: 200-56451-A-2

Lab Sample ID: 200-56451-2

Client ID: SG-202

Operator ID: ggg

ALS Bottle#: 18 Worklist Smp#: 19

Purge Vol: 200.000 mL

Dil. Factor: 1.0000

Method: TO15\_TO3\_MasterMethod\_W

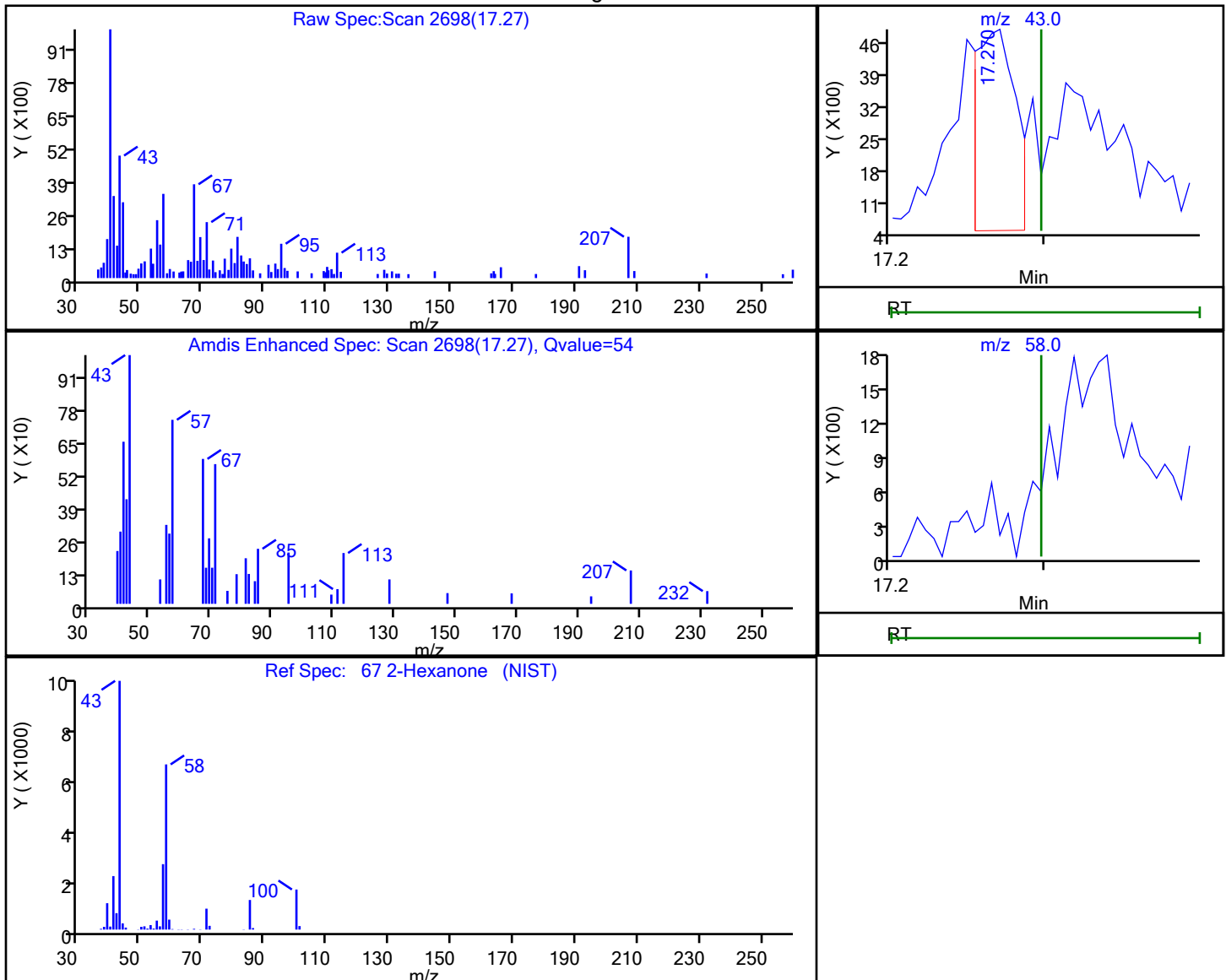
Limit Group: AI\_TO15\_ICAL

Column: RTX-624 ( 0.32 mm)

Detector: MS SCAN

## 67 2-Hexanone, CAS: 591-78-6

## Processing Results



| RT    | Mass  | Response | Amount   |
|-------|-------|----------|----------|
| 17.27 | 43.00 | 8101     | 0.037472 |
| 17.30 | 58.00 | 0        |          |

Reviewer: bunmaa, 21-Dec-2020 12:49:42

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

## Eurofins TestAmerica, Burlington

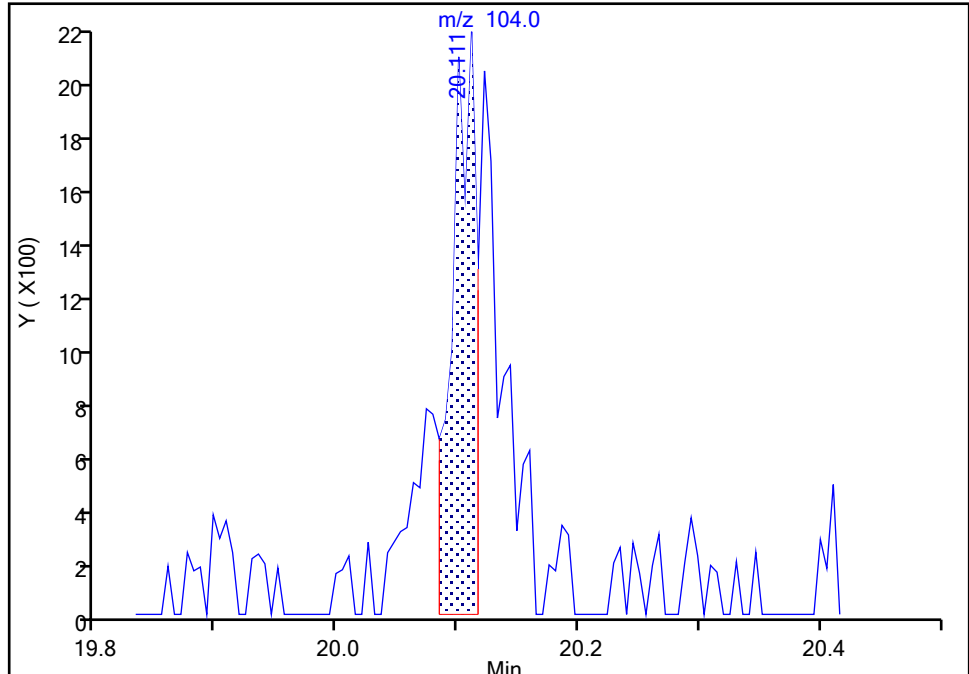
Data File: \\chromfs\Burlington\ChromData\CHW.i\20201218-44134.b\44134-019.d  
Injection Date: 19-Dec-2020 00:52:30 Instrument ID: CHW.i  
Lims ID: 200-56451-A-2 Lab Sample ID: 200-56451-2  
Client ID: SG-202  
Operator ID: ggg ALS Bottle#: 18 Worklist Smp#: 19  
Purge Vol: 200.000 mL Dil. Factor: 1.0000  
Method: TO15\_TO3\_MasterMethod\_W Limit Group: AI\_TO15\_ICAL  
Column: RTX-624 ( 0.32 mm) Detector: MS SCAN

**78 Styrene, CAS: 100-42-5**

Signal: 1

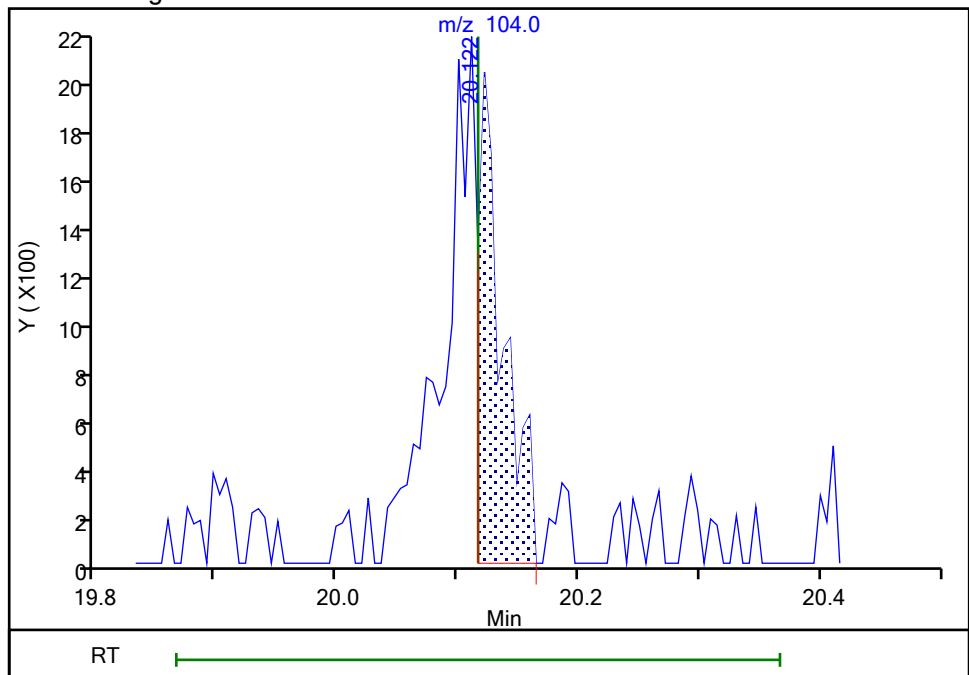
RT: 20.11  
Area: 3000  
Amount: 0.010294  
Amount Units: ppb v/v

## Processing Integration Results



RT: 20.12  
Area: 2874  
Amount: 0.009862  
Amount Units: ppb v/v

## Manual Integration Results



Reviewer: bunmaa, 21-Dec-2020 12:50:28

Audit Action: Manually Integrated

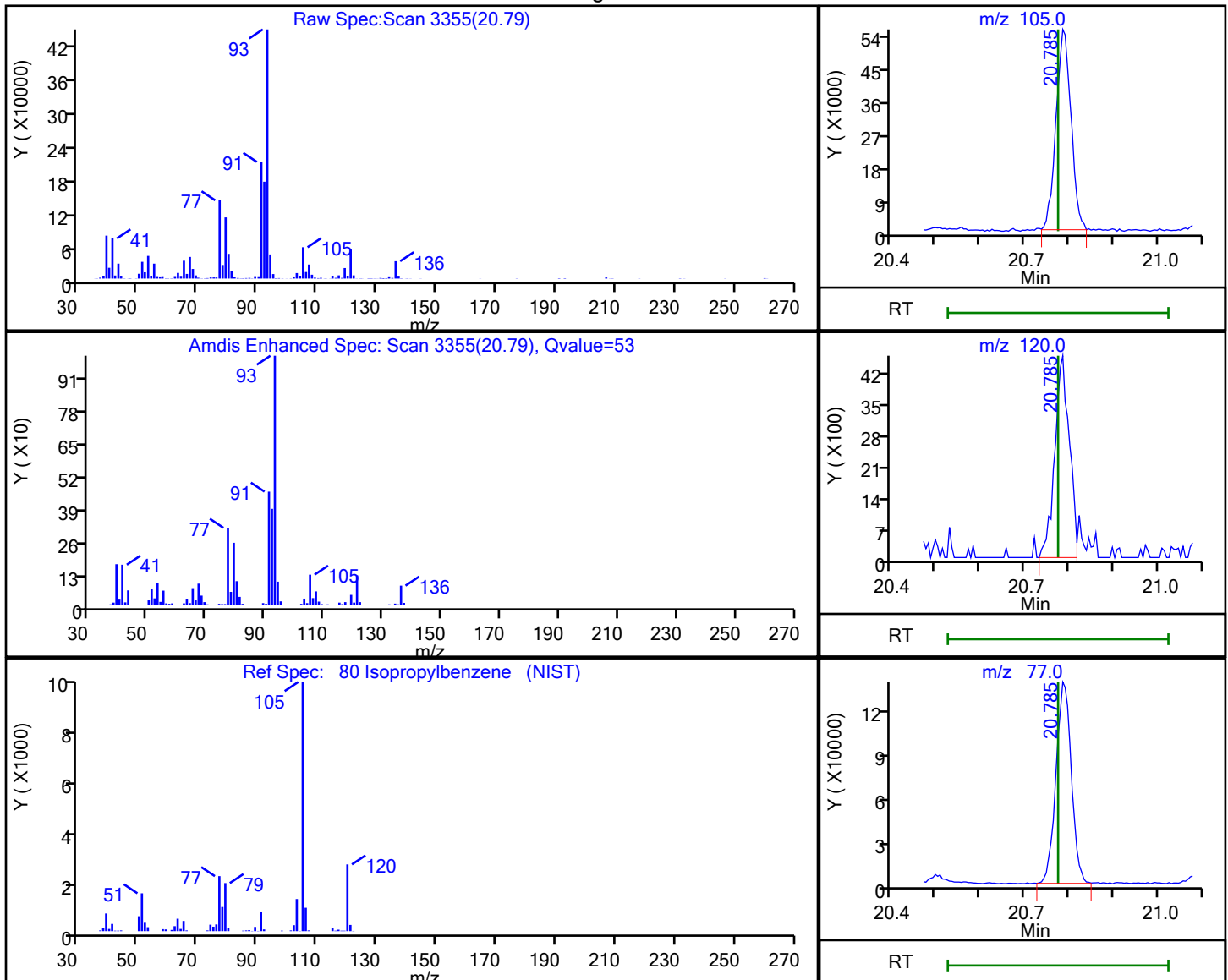
Audit Reason: Assign Peak

## Eurofins TestAmerica, Burlington

Data File: \\chromfs\Burlington\ChromData\CHW.i\20201218-44134.b\44134-019.d  
Injection Date: 19-Dec-2020 00:52:30 Instrument ID: CHW.i  
Lims ID: 200-56451-A-2 Lab Sample ID: 200-56451-2  
Client ID: SG-202  
Operator ID: ggg ALS Bottle#: 18 Worklist Smp#: 19  
Purge Vol: 200.000 mL Dil. Factor: 1.0000  
Method: TO15\_TO3\_MasterMethod\_W Limit Group: AI\_TO15\_ICAL  
Column: RTX-624 ( 0.32 mm) Detector: MS SCAN

## 80 Isopropylbenzene, CAS: 98-82-8

## Processing Results



| RT    | Mass   | Response | Amount   |
|-------|--------|----------|----------|
| 20.79 | 105.00 | 129565   | 0.230063 |
| 20.79 | 120.00 | 10417    |          |
| 20.79 | 77.00  | 333171   |          |

Reviewer: bunmaa, 21-Dec-2020 12:50:41

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

## Eurofins TestAmerica, Burlington

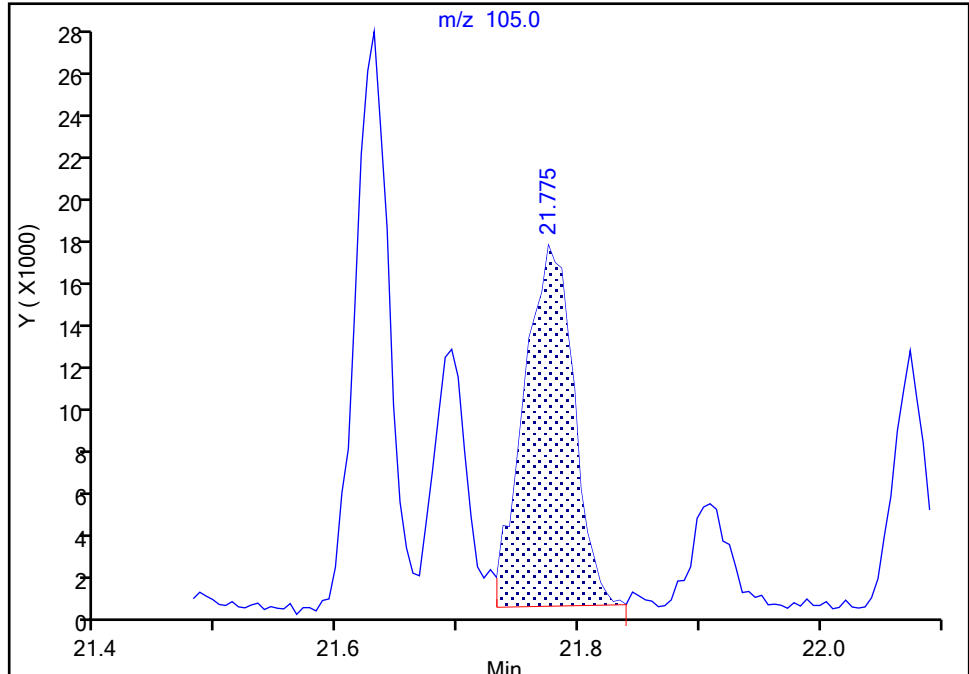
Data File: \\chromfs\Burlington\ChromData\CHW.i\20201218-44134.b\44134-019.d  
Injection Date: 19-Dec-2020 00:52:30 Instrument ID: CHW.i  
Lims ID: 200-56451-A-2 Lab Sample ID: 200-56451-2  
Client ID: SG-202  
Operator ID: ggg ALS Bottle#: 18 Worklist Smp#: 19  
Purge Vol: 200.000 mL Dil. Factor: 1.0000  
Method: TO15\_TO3\_MasterMethod\_W Limit Group: AI\_TO15\_ICAL  
Column: RTX-624 ( 0.32 mm) Detector: MS SCAN

**86 1,3,5-Trimethylbenzene, CAS: 108-67-8**

Signal: 1

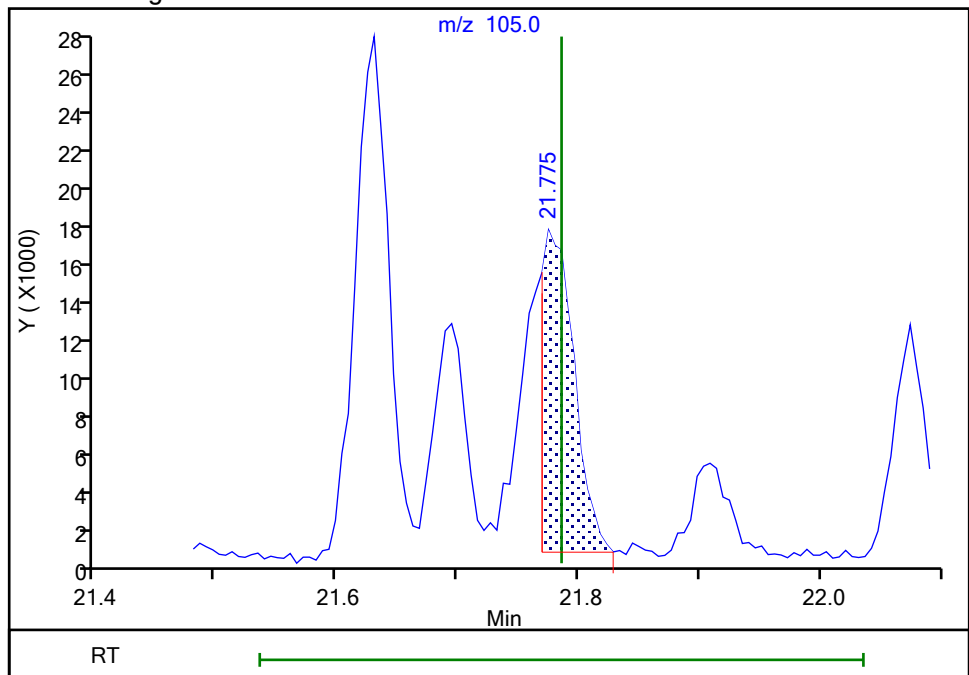
RT: 21.77  
Area: 48827  
Amount: 0.104075  
Amount Units: ppb v/v

## Processing Integration Results



RT: 21.77  
Area: 31537  
Amount: 0.067221  
Amount Units: ppb v/v

## Manual Integration Results



Reviewer: bunmaa, 21-Dec-2020 12:51:22

Audit Action: Manually Integrated

Audit Reason: Assign Peak

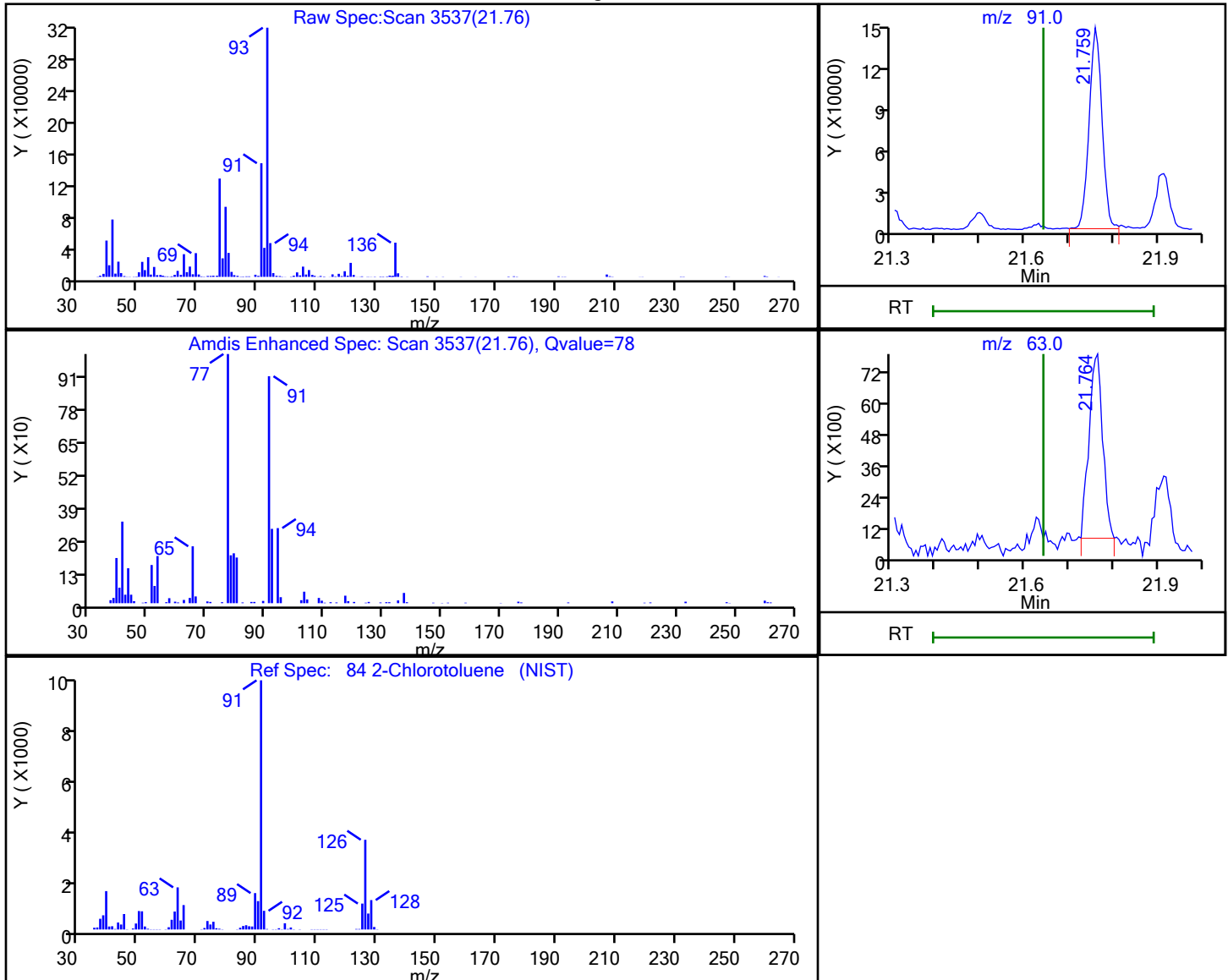


## Eurofins TestAmerica, Burlington

Data File: \\chromfs\Burlington\ChromData\CHW.i\20201218-44134.b\44134-019.d  
Injection Date: 19-Dec-2020 00:52:30 Instrument ID: CHW.i  
Lims ID: 200-56451-A-2 Lab Sample ID: 200-56451-2  
Client ID: SG-202  
Operator ID: ggg ALS Bottle#: 18 Worklist Smp#: 19  
Purge Vol: 200.000 mL Dil. Factor: 1.0000  
Method: TO15\_TO3\_MasterMethod\_W Limit Group: AI\_TO15\_ICAL  
Column: RTX-624 ( 0.32 mm) Detector: MS SCAN

## 84 2-Chlorotoluene, CAS: 95-49-8

## Processing Results



| RT    | Mass  | Response | Amount   |
|-------|-------|----------|----------|
| 21.76 | 91.00 | 292268   | 0.692884 |
| 21.76 | 63.00 | 15363    |          |

Reviewer: bunmaa, 21-Dec-2020 12:50:56

Audit Action: Marked Compound Undetected

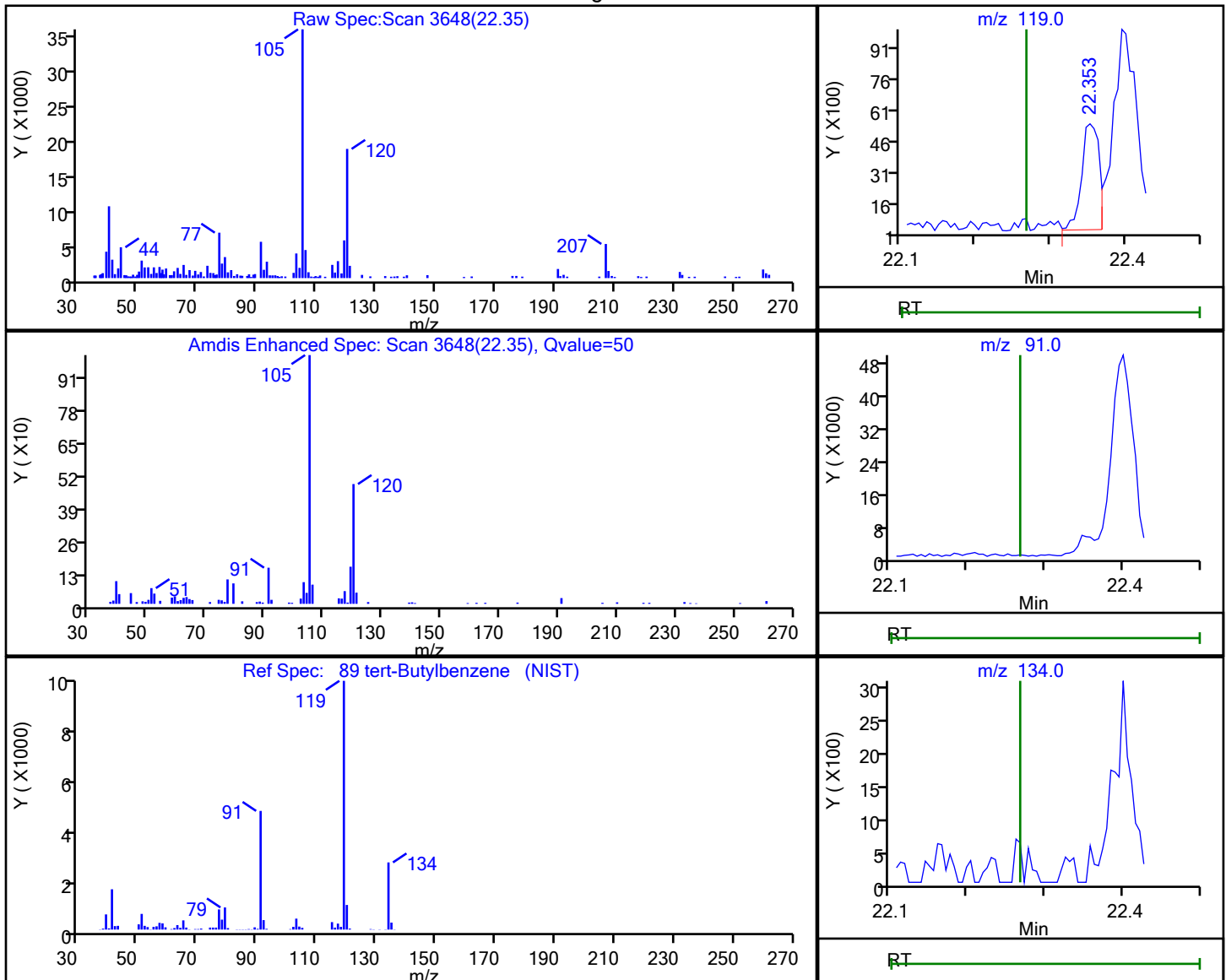
Audit Reason: Invalid Compound ID

## Eurofins TestAmerica, Burlington

Data File: \\chromfs\Burlington\ChromData\CHW.i\20201218-44134.b\44134-019.d  
Injection Date: 19-Dec-2020 00:52:30 Instrument ID: CHW.i  
Lims ID: 200-56451-A-2 Lab Sample ID: 200-56451-2  
Client ID: SG-202  
Operator ID: ggg ALS Bottle#: 18 Worklist Smp#: 19  
Purge Vol: 200.000 mL Dil. Factor: 1.0000  
Method: TO15\_TO3\_MasterMethod\_W Limit Group: AI\_TO15\_ICAL  
Column: RTX-624 ( 0.32 mm) Detector: MS SCAN

## 89 tert-Butylbenzene, CAS: 98-06-6

## Processing Results



| RT    | Mass   | Response | Amount   |
|-------|--------|----------|----------|
| 22.35 | 119.00 | 8516     | 0.017707 |
| 22.27 | 91.00  | 0        |          |
| 22.27 | 134.00 | 0        |          |

Reviewer: bunmaa, 21-Dec-2020 12:51:30

Audit Action: Marked Compound Undetected

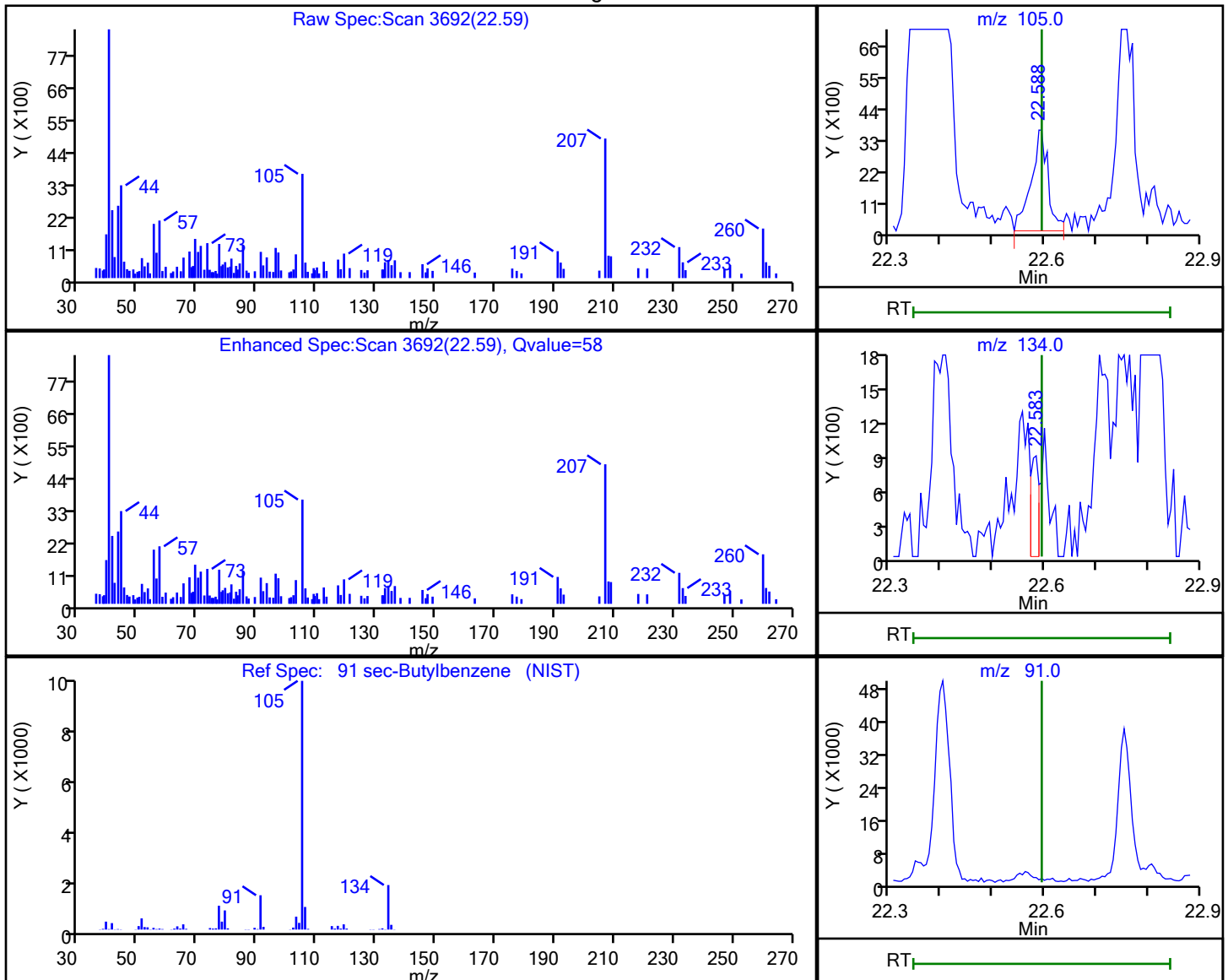
Audit Reason: Invalid Compound ID

## Eurofins TestAmerica, Burlington

Data File: \\chromfs\Burlington\ChromData\CHW.i\20201218-44134.b\44134-019.d  
Injection Date: 19-Dec-2020 00:52:30 Instrument ID: CHW.i  
Lims ID: 200-56451-A-2 Lab Sample ID: 200-56451-2  
Client ID: SG-202  
Operator ID: ggg ALS Bottle#: 18 Worklist Smp#: 19  
Purge Vol: 200.000 mL Dil. Factor: 1.0000  
Method: TO15\_TO3\_MasterMethod\_W Limit Group: AI\_TO15\_ICAL  
Column: RTX-624 ( 0.32 mm) Detector: MS SCAN

## 91 sec-Butylbenzene, CAS: 135-98-8

## Processing Results



| RT    | Mass   | Response | Amount   |
|-------|--------|----------|----------|
| 22.59 | 105.00 | 8286     | 0.011896 |
| 22.58 | 134.00 | 979      |          |
| 22.59 | 91.00  | 0        |          |

Reviewer: bunmaa, 21-Dec-2020 12:51:57

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

## Eurofins TestAmerica, Burlington

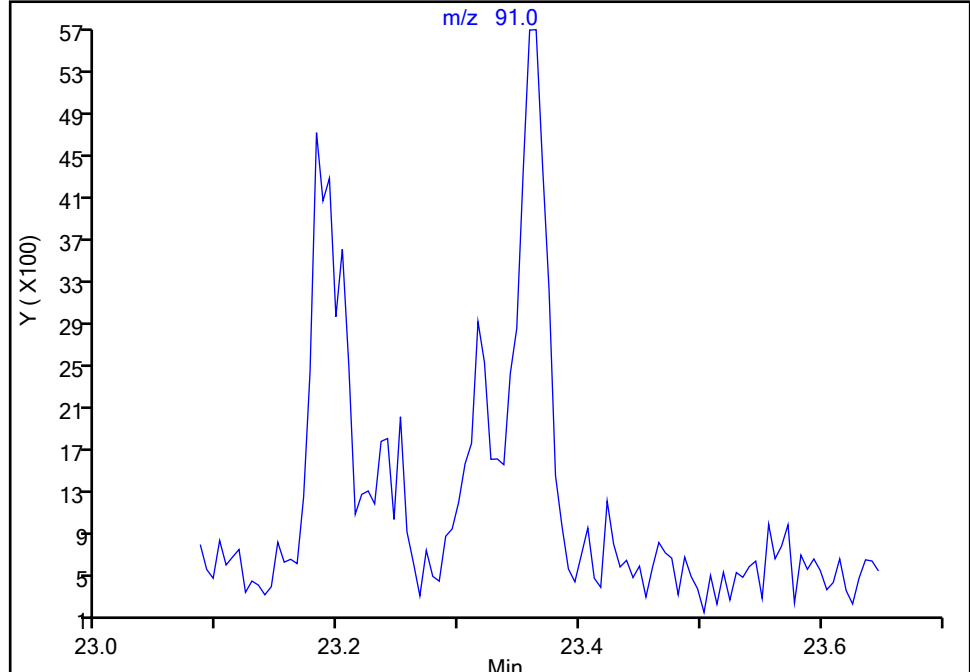
Data File: \\chromfs\Burlington\ChromData\CHW.i\20201218-44134.b\44134-019.d  
Injection Date: 19-Dec-2020 00:52:30 Instrument ID: CHW.i  
Lims ID: 200-56451-A-2 Lab Sample ID: 200-56451-2  
Client ID: SG-202  
Operator ID: ggg ALS Bottle#: 18 Worklist Smp#: 19  
Purge Vol: 200.000 mL Dil. Factor: 1.0000  
Method: TO15\_TO3\_MasterMethod\_W Limit Group: AI\_TO15\_ICAL  
Column: RTX-624 ( 0.32 mm) Detector: MS SCAN

**96 n-Butylbenzene, CAS: 104-51-8**

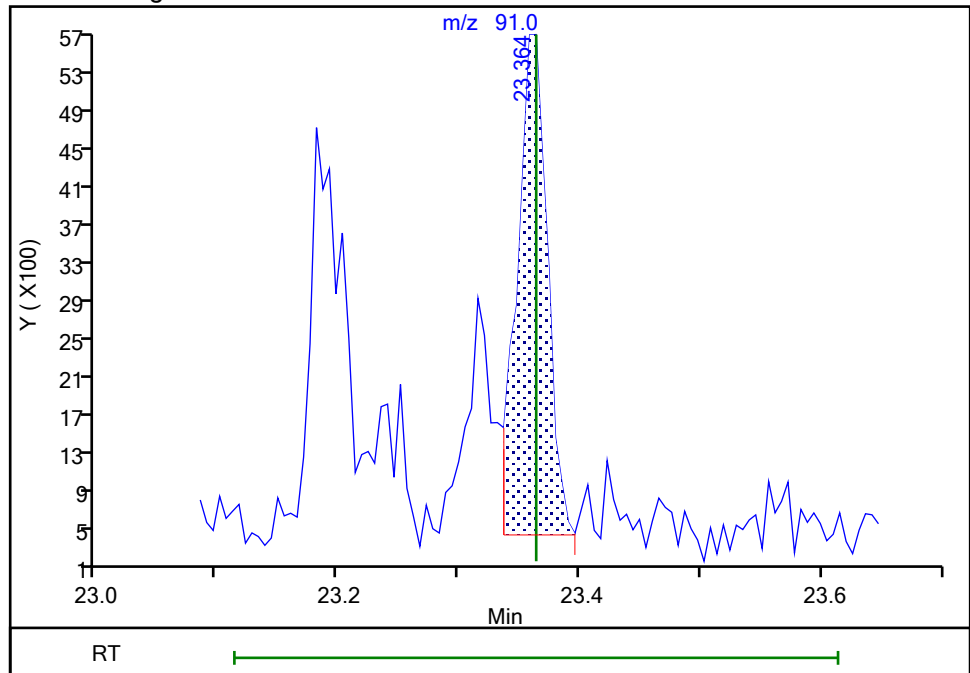
Signal: 1

Not Detected  
Expected RT: 23.36

## Processing Integration Results



## Manual Integration Results



Reviewer: bunmaa, 21-Dec-2020 12:52:25

Audit Action: Manually Integrated

Audit Reason: Assign Peak

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

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-56451-1  
 SDG No.: 200-56451-1  
 Client Sample ID: SG-202 DL Lab Sample ID: 200-56451-2 DL  
 Matrix: Air Lab File ID: 200-44158-010.D  
 Analysis Method: TO-15 Date Collected: 12/09/2020 14:59  
 Sample wt/vol: 100 (mL) Date Analyzed: 12/21/2020 15:18  
 Soil Aliquot Vol: \_\_\_\_\_ Dilution Factor: 2  
 Soil Extract Vol.: \_\_\_\_\_ GC Column: RTX-624 ID: 0.32 (mm)  
 % Moisture: \_\_\_\_\_ Level: (low/med) Low  
 Analysis Batch No.: 162293 Units: ug/m3

| CAS NO.   | COMPOUND NAME                    | MOLECULAR WEIGHT | RESULT | Q   | RL   | MDL  |
|-----------|----------------------------------|------------------|--------|-----|------|------|
| 75-71-8   | Dichlorodifluoromethane          | 120.91           | 2.7    | J D | 4.9  | 1.1  |
| 75-45-6   | Chlorodifluoromethane            | 86.47            | 3.5    | U   | 3.5  | 0.85 |
| 76-14-2   | 1,2-Dichlorotetrafluoroethane    | 170.92           | 2.8    | U   | 2.8  | 0.49 |
| 74-87-3   | Chloromethane                    | 50.49            | 1.4    | J D | 2.1  | 0.45 |
| 106-97-8  | n-Butane                         | 58.12            | 120    | D   | 2.4  | 0.52 |
| 75-01-4   | Vinyl chloride                   | 62.50            | 0.40   | U   | 0.40 | 0.22 |
| 106-99-0  | 1,3-Butadiene                    | 54.09            | 9.7    | D   | 0.88 | 0.25 |
| 74-83-9   | Bromomethane                     | 94.94            | 1.6    | U   | 1.6  | 0.40 |
| 75-00-3   | Chloroethane                     | 64.52            | 2.6    | U   | 2.6  | 0.28 |
| 593-60-2  | Bromoethene (Vinyl Bromide)      | 106.96           | 1.7    | U   | 1.7  | 0.45 |
| 75-69-4   | Trichlorofluoromethane           | 137.37           | 0.98   | J D | 2.2  | 0.67 |
| 76-13-1   | 1,1,2-Trichlorotrifluoroethane   | 187.38           | 3.1    | U   | 3.1  | 0.58 |
| 75-35-4   | 1,1-Dichloroethene               | 96.94            | 0.40   | U   | 0.40 | 0.31 |
| 67-64-1   | Acetone                          | 58.08            | 8.1    | J D | 24   | 5.7  |
| 67-63-0   | Isopropyl alcohol                | 60.10            | 25     | U   | 25   | 2.4  |
| 75-15-0   | Carbon disulfide                 | 76.14            | 1.4    | J D | 3.1  | 0.46 |
| 107-05-1  | 3-Chloropropene                  | 76.53            | 3.1    | U   | 3.1  | 0.40 |
| 75-09-2   | Methylene Chloride               | 84.93            | 3.5    | U   | 3.5  | 1.9  |
| 75-65-0   | tert-Butyl alcohol               | 74.12            | 30     | U   | 30   | 0.23 |
| 1634-04-4 | Methyl tert-butyl ether          | 88.15            | 1.4    | U   | 1.4  | 0.24 |
| 156-60-5  | trans-1,2-Dichloroethene         | 96.94            | 1.6    | U   | 1.6  | 0.33 |
| 110-54-3  | n-Hexane                         | 86.17            | 10     | D   | 1.4  | 1.4  |
| 75-34-3   | 1,1-Dichloroethane               | 98.96            | 1.6    | U   | 1.6  | 0.33 |
| 78-93-3   | Methyl Ethyl Ketone (2-Butanone) | 72.11            | 2.9    | U   | 2.9  | 0.42 |
| 156-59-2  | cis-1,2-Dichloroethene           | 96.94            | 0.40   | U   | 0.40 | 0.36 |
| 67-66-3   | Chloroform                       | 119.38           | 2.0    | U   | 2.0  | 0.31 |
| 109-99-9  | Tetrahydrofuran                  | 72.11            | 29     | U   | 29   | 0.39 |
| 71-55-6   | 1,1,1-Trichloroethane            | 133.41           | 2.2    | U   | 2.2  | 0.39 |
| 110-82-7  | Cyclohexane                      | 84.16            | 1.4    | U   | 1.4  | 0.32 |
| 56-23-5   | Carbon tetrachloride             | 153.81           | 0.44   | U   | 0.44 | 0.30 |
| 540-84-1  | 2,2,4-Trimethylpentane           | 114.23           | 1.9    | U   | 1.9  | 0.38 |
| 71-43-2   | Benzene                          | 78.11            | 1.1    | J D | 1.3  | 0.43 |
| 107-06-2  | 1,2-Dichloroethane               | 98.96            | 1.6    | U   | 1.6  | 0.26 |

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

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-56451-1  
 SDG No.: 200-56451-1  
 Client Sample ID: SG-202 DL Lab Sample ID: 200-56451-2 DL  
 Matrix: Air Lab File ID: 200-44158-010.D  
 Analysis Method: TO-15 Date Collected: 12/09/2020 14:59  
 Sample wt/vol: 100 (mL) Date Analyzed: 12/21/2020 15:18  
 Soil Aliquot Vol:                      Dilution Factor: 2  
 Soil Extract Vol.:                      GC Column: RTX-624 ID: 0.32 (mm)  
 % Moisture:                      Level: (low/med) Low  
 Analysis Batch No.: 162293 Units: ug/m3

| CAS NO.     | COMPOUND NAME                                    | MOLECULAR WEIGHT | RESULT | Q   | RL   | MDL  |
|-------------|--------------------------------------------------|------------------|--------|-----|------|------|
| 142-82-5    | n-Heptane                                        | 100.21           | 3.1    | D   | 1.6  | 0.46 |
| 79-01-6     | Trichloroethene                                  | 131.39           | 0.71   | D   | 0.40 | 0.38 |
| 80-62-6     | Methyl methacrylate                              | 100.12           | 4.1    | U   | 4.1  | 0.27 |
| 78-87-5     | 1,2-Dichloropropane                              | 112.99           | 1.8    | U   | 1.8  | 0.31 |
| 123-91-1    | 1,4-Dioxane                                      | 88.11            | 36     | U   | 36   | 0.61 |
| 75-27-4     | Bromodichloromethane                             | 163.83           | 2.7    | U   | 2.7  | 0.47 |
| 10061-01-5  | cis-1,3-Dichloropropene                          | 110.97           | 1.8    | U   | 1.8  | 0.29 |
| 108-10-1    | 4-Methyl-2-pentanone<br>(Methyl isobutyl ketone) | 100.16           | 4.1    | U   | 4.1  | 0.29 |
| 108-88-3    | Toluene                                          | 92.14            | 2.3    | D   | 1.5  | 0.83 |
| 10061-02-6  | trans-1,3-Dichloropropene                        | 110.97           | 1.8    | U   | 1.8  | 0.35 |
| 79-00-5     | 1,1,2-Trichloroethane                            | 133.41           | 2.2    | U   | 2.2  | 0.39 |
| 127-18-4    | Tetrachloroethene                                | 165.83           | 17     | D   | 2.7  | 0.45 |
| 591-78-6    | Methyl Butyl Ketone<br>(2-Hexanone)              | 100.20           | 4.1    | U   | 4.1  | 0.39 |
| 124-48-1    | Dibromochloromethane                             | 208.28           | 3.4    | U   | 3.4  | 0.61 |
| 106-93-4    | 1,2-Dibromoethane                                | 187.87           | 3.1    | U   | 3.1  | 0.75 |
| 108-90-7    | Chlorobenzene                                    | 112.56           | 1.8    | U   | 1.8  | 0.52 |
| 100-41-4    | Ethylbenzene                                     | 106.17           | 0.98   | J D | 1.7  | 0.55 |
| 179601-23-1 | m,p-Xylene                                       | 106.17           | 2.1    | J D | 4.3  | 0.87 |
| 95-47-6     | o-Xylene                                         | 106.17           | 1.1    | J D | 1.7  | 0.42 |
| 100-42-5    | Styrene                                          | 104.15           | 1.7    | U   | 1.7  | 0.34 |
| 75-25-2     | Bromoform                                        | 252.75           | 4.1    | U   | 4.1  | 0.99 |
| 98-82-8     | Cumene                                           | 120.19           | 2.0    | U   | 2.0  | 0.34 |
| 79-34-5     | 1,1,2,2-Tetrachloroethane                        | 167.85           | 2.7    | U   | 2.7  | 0.58 |
| 103-65-1    | n-Propylbenzene                                  | 120.19           | 2.0    | U   | 2.0  | 0.38 |
| 622-96-8    | 4-Ethyltoluene                                   | 120.20           | 2.0    | U   | 2.0  | 0.40 |
| 108-67-8    | 1,3,5-Trimethylbenzene                           | 120.20           | 2.0    | U   | 2.0  | 0.38 |
| 95-49-8     | 2-Chlorotoluene                                  | 126.59           | 2.1    | U   | 2.1  | 0.43 |
| 98-06-6     | tert-Butylbenzene                                | 134.22           | 2.2    | U   | 2.2  | 0.38 |
| 95-63-6     | 1,2,4-Trimethylbenzene                           | 120.20           | 2.0    | U   | 2.0  | 0.43 |
| 135-98-8    | sec-Butylbenzene                                 | 134.22           | 2.2    | U   | 2.2  | 0.38 |
| 99-87-6     | 4-Isopropyltoluene                               | 134.22           | 2.2    | U   | 2.2  | 0.43 |
| 541-73-1    | 1,3-Dichlorobenzene                              | 147.00           | 2.4    | U   | 2.4  | 1.3  |
| 106-46-7    | 1,4-Dichlorobenzene                              | 147.00           | 2.4    | U   | 2.4  | 1.4  |

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

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-56451-1  
SDG No.: 200-56451-1  
Client Sample ID: SG-202 DL Lab Sample ID: 200-56451-2 DL  
Matrix: Air Lab File ID: 200-44158-010.D  
Analysis Method: TO-15 Date Collected: 12/09/2020 14:59  
Sample wt/vol: 100 (mL) Date Analyzed: 12/21/2020 15:18  
Soil Aliquot Vol: \_\_\_\_\_ Dilution Factor: 2  
Soil Extract Vol.: \_\_\_\_\_ GC Column: RTX-624 ID: 0.32 (mm)  
% Moisture: \_\_\_\_\_ Level: (low/med) Low  
Analysis Batch No.: 162293 Units: ug/m3

| CAS NO.  | COMPOUND NAME          | MOLECULAR WEIGHT | RESULT | Q | RL  | MDL  |
|----------|------------------------|------------------|--------|---|-----|------|
| 100-44-7 | Benzyl chloride        | 126.58           | 2.1    | U | 2.1 | 0.88 |
| 104-51-8 | n-Butylbenzene         | 134.22           | 2.2    | U | 2.2 | 0.43 |
| 95-50-1  | 1,2-Dichlorobenzene    | 147.00           | 2.4    | U | 2.4 | 1.2  |
| 120-82-1 | 1,2,4-Trichlorobenzene | 181.45           | 7.4    | U | 7.4 | 3.3  |
| 87-68-3  | Hexachlorobutadiene    | 260.76           | 4.3    | U | 4.3 | 1.6  |
| 91-20-3  | Naphthalene            | 128.17           | 5.2    | U | 5.2 | 1.8  |

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

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-56451-1  
 SDG No.: 200-56451-1  
 Client Sample ID: SG-202 DL Lab Sample ID: 200-56451-2 DL  
 Matrix: Air Lab File ID: 200-44158-010.D  
 Analysis Method: TO-15 Date Collected: 12/09/2020 14:59  
 Sample wt/vol: 100 (mL) Date Analyzed: 12/21/2020 15:18  
 Soil Aliquot Vol: \_\_\_\_\_ Dilution Factor: 2  
 Soil Extract Vol.: \_\_\_\_\_ GC Column: RTX-624 ID: 0.32 (mm)  
 % Moisture: \_\_\_\_\_ Level: (low/med) Low  
 Analysis Batch No.: 162293 Units: ppb v/v

| CAS NO.   | COMPOUND NAME                    | MOLECULAR WEIGHT | RESULT | Q   | RL    | MDL   |
|-----------|----------------------------------|------------------|--------|-----|-------|-------|
| 75-71-8   | Dichlorodifluoromethane          | 120.91           | 0.54   | J D | 1.0   | 0.22  |
| 75-45-6   | Chlorodifluoromethane            | 86.47            | 1.0    | U   | 1.0   | 0.24  |
| 76-14-2   | 1,2-Dichlorotetrafluoroethane    | 170.92           | 0.40   | U   | 0.40  | 0.070 |
| 74-87-3   | Chloromethane                    | 50.49            | 0.69   | J D | 1.0   | 0.22  |
| 106-97-8  | n-Butane                         | 58.12            | 49     | D   | 1.0   | 0.22  |
| 75-01-4   | Vinyl chloride                   | 62.50            | 0.16   | U   | 0.16  | 0.088 |
| 106-99-0  | 1,3-Butadiene                    | 54.09            | 4.4    | D   | 0.40  | 0.11  |
| 74-83-9   | Bromomethane                     | 94.94            | 0.40   | U   | 0.40  | 0.10  |
| 75-00-3   | Chloroethane                     | 64.52            | 1.0    | U   | 1.0   | 0.11  |
| 593-60-2  | Bromoethene (Vinyl Bromide)      | 106.96           | 0.40   | U   | 0.40  | 0.10  |
| 75-69-4   | Trichlorofluoromethane           | 137.37           | 0.17   | J D | 0.40  | 0.12  |
| 76-13-1   | 1,1,2-Trichlorotrifluoroethane   | 187.38           | 0.40   | U   | 0.40  | 0.076 |
| 75-35-4   | 1,1-Dichloroethene               | 96.94            | 0.10   | U   | 0.10  | 0.078 |
| 67-64-1   | Acetone                          | 58.08            | 3.4    | J D | 10    | 2.4   |
| 67-63-0   | Isopropyl alcohol                | 60.10            | 10     | U   | 10    | 0.96  |
| 75-15-0   | Carbon disulfide                 | 76.14            | 0.44   | J D | 1.0   | 0.15  |
| 107-05-1  | 3-Chloropropene                  | 76.53            | 1.0    | U   | 1.0   | 0.13  |
| 75-09-2   | Methylene Chloride               | 84.93            | 1.0    | U   | 1.0   | 0.54  |
| 75-65-0   | tert-Butyl alcohol               | 74.12            | 10     | U   | 10    | 0.076 |
| 1634-04-4 | Methyl tert-butyl ether          | 88.15            | 0.40   | U   | 0.40  | 0.066 |
| 156-60-5  | trans-1,2-Dichloroethene         | 96.94            | 0.40   | U   | 0.40  | 0.084 |
| 110-54-3  | n-Hexane                         | 86.17            | 2.9    | D   | 0.40  | 0.40  |
| 75-34-3   | 1,1-Dichloroethane               | 98.96            | 0.40   | U   | 0.40  | 0.082 |
| 78-93-3   | Methyl Ethyl Ketone (2-Butanone) | 72.11            | 1.0    | U   | 1.0   | 0.14  |
| 156-59-2  | cis-1,2-Dichloroethene           | 96.94            | 0.10   | U   | 0.10  | 0.090 |
| 67-66-3   | Chloroform                       | 119.38           | 0.40   | U   | 0.40  | 0.064 |
| 109-99-9  | Tetrahydrofuran                  | 72.11            | 10     | U   | 10    | 0.13  |
| 71-55-6   | 1,1,1-Trichloroethane            | 133.41           | 0.40   | U   | 0.40  | 0.072 |
| 110-82-7  | Cyclohexane                      | 84.16            | 0.40   | U   | 0.40  | 0.092 |
| 56-23-5   | Carbon tetrachloride             | 153.81           | 0.070  | U   | 0.070 | 0.048 |
| 540-84-1  | 2,2,4-Trimethylpentane           | 114.23           | 0.40   | U   | 0.40  | 0.082 |
| 71-43-2   | Benzene                          | 78.11            | 0.34   | J D | 0.40  | 0.13  |
| 107-06-2  | 1,2-Dichloroethane               | 98.96            | 0.40   | U   | 0.40  | 0.064 |



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

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-56451-1  
 SDG No.: 200-56451-1  
 Client Sample ID: SG-202 DL Lab Sample ID: 200-56451-2 DL  
 Matrix: Air Lab File ID: 200-44158-010.D  
 Analysis Method: TO-15 Date Collected: 12/09/2020 14:59  
 Sample wt/vol: 100 (mL) Date Analyzed: 12/21/2020 15:18  
 Soil Aliquot Vol: \_\_\_\_\_ Dilution Factor: 2  
 Soil Extract Vol.: \_\_\_\_\_ GC Column: RTX-624 ID: 0.32 (mm)  
 % Moisture: \_\_\_\_\_ Level: (low/med) Low  
 Analysis Batch No.: 162293 Units: ppb v/v

| CAS NO.     | COMPOUND NAME                                    | MOLECULAR WEIGHT | RESULT | Q   | RL    | MDL   |
|-------------|--------------------------------------------------|------------------|--------|-----|-------|-------|
| 142-82-5    | n-Heptane                                        | 100.21           | 0.75   | D   | 0.40  | 0.11  |
| 79-01-6     | Trichloroethene                                  | 131.39           | 0.13   | D   | 0.074 | 0.070 |
| 80-62-6     | Methyl methacrylate                              | 100.12           | 1.0    | U   | 1.0   | 0.066 |
| 78-87-5     | 1,2-Dichloropropane                              | 112.99           | 0.40   | U   | 0.40  | 0.066 |
| 123-91-1    | 1,4-Dioxane                                      | 88.11            | 10     | U   | 10    | 0.17  |
| 75-27-4     | Bromodichloromethane                             | 163.83           | 0.40   | U   | 0.40  | 0.070 |
| 10061-01-5  | cis-1,3-Dichloropropene                          | 110.97           | 0.40   | U   | 0.40  | 0.064 |
| 108-10-1    | 4-Methyl-2-pentanone<br>(Methyl isobutyl ketone) | 100.16           | 1.0    | U   | 1.0   | 0.072 |
| 108-88-3    | Toluene                                          | 92.14            | 0.60   | D   | 0.40  | 0.22  |
| 10061-02-6  | trans-1,3-Dichloropropene                        | 110.97           | 0.40   | U   | 0.40  | 0.078 |
| 79-00-5     | 1,1,2-Trichloroethane                            | 133.41           | 0.40   | U   | 0.40  | 0.072 |
| 127-18-4    | Tetrachloroethene                                | 165.83           | 2.5    | D   | 0.40  | 0.066 |
| 591-78-6    | Methyl Butyl Ketone<br>(2-Hexanone)              | 100.20           | 1.0    | U   | 1.0   | 0.096 |
| 124-48-1    | Dibromochloromethane                             | 208.28           | 0.40   | U   | 0.40  | 0.072 |
| 106-93-4    | 1,2-Dibromoethane                                | 187.87           | 0.40   | U   | 0.40  | 0.098 |
| 108-90-7    | Chlorobenzene                                    | 112.56           | 0.40   | U   | 0.40  | 0.11  |
| 100-41-4    | Ethylbenzene                                     | 106.17           | 0.23   | J D | 0.40  | 0.13  |
| 179601-23-1 | m,p-Xylene                                       | 106.17           | 0.49   | J D | 1.0   | 0.20  |
| 95-47-6     | o-Xylene                                         | 106.17           | 0.25   | J D | 0.40  | 0.096 |
| 100-42-5    | Styrene                                          | 104.15           | 0.40   | U   | 0.40  | 0.080 |
| 75-25-2     | Bromoform                                        | 252.75           | 0.40   | U   | 0.40  | 0.096 |
| 98-82-8     | Cumene                                           | 120.19           | 0.40   | U   | 0.40  | 0.070 |
| 79-34-5     | 1,1,2,2-Tetrachloroethane                        | 167.85           | 0.40   | U   | 0.40  | 0.084 |
| 103-65-1    | n-Propylbenzene                                  | 120.19           | 0.40   | U   | 0.40  | 0.078 |
| 622-96-8    | 4-Ethyltoluene                                   | 120.20           | 0.40   | U   | 0.40  | 0.082 |
| 108-67-8    | 1,3,5-Trimethylbenzene                           | 120.20           | 0.40   | U   | 0.40  | 0.078 |
| 95-49-8     | 2-Chlorotoluene                                  | 126.59           | 0.40   | U   | 0.40  | 0.084 |
| 98-06-6     | tert-Butylbenzene                                | 134.22           | 0.40   | U   | 0.40  | 0.070 |
| 95-63-6     | 1,2,4-Trimethylbenzene                           | 120.20           | 0.40   | U   | 0.40  | 0.088 |
| 135-98-8    | sec-Butylbenzene                                 | 134.22           | 0.40   | U   | 0.40  | 0.070 |
| 99-87-6     | 4-Isopropyltoluene                               | 134.22           | 0.40   | U   | 0.40  | 0.078 |
| 541-73-1    | 1,3-Dichlorobenzene                              | 147.00           | 0.40   | U   | 0.40  | 0.22  |
| 106-46-7    | 1,4-Dichlorobenzene                              | 147.00           | 0.40   | U   | 0.40  | 0.24  |

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

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-56451-1  
SDG No.: 200-56451-1  
Client Sample ID: SG-202 DL Lab Sample ID: 200-56451-2 DL  
Matrix: Air Lab File ID: 200-44158-010.D  
Analysis Method: TO-15 Date Collected: 12/09/2020 14:59  
Sample wt/vol: 100 (mL) Date Analyzed: 12/21/2020 15:18  
Soil Aliquot Vol:                      Dilution Factor: 2  
Soil Extract Vol.:                      GC Column: RTX-624 ID: 0.32 (mm)  
% Moisture:                      Level: (low/med) Low  
Analysis Batch No.: 162293 Units: ppb v/v

| CAS NO.  | COMPOUND NAME          | MOLECULAR WEIGHT | RESULT | Q | RL   | MDL   |
|----------|------------------------|------------------|--------|---|------|-------|
| 100-44-7 | Benzyl chloride        | 126.58           | 0.40   | U | 0.40 | 0.17  |
| 104-51-8 | n-Butylbenzene         | 134.22           | 0.40   | U | 0.40 | 0.078 |
| 95-50-1  | 1,2-Dichlorobenzene    | 147.00           | 0.40   | U | 0.40 | 0.19  |
| 120-82-1 | 1,2,4-Trichlorobenzene | 181.45           | 1.0    | U | 1.0  | 0.44  |
| 87-68-3  | Hexachlorobutadiene    | 260.76           | 0.40   | U | 0.40 | 0.15  |
| 91-20-3  | Naphthalene            | 128.17           | 1.0    | U | 1.0  | 0.34  |

Eurofins TestAmerica, Burlington  
Target Compound Quantitation Report

Data File: \\chromfs\Burlington\ChromData\CHG.i\20201221-44158.b\200-44158-010.D  
 Lims ID: 200-56451-A-2  
 Client ID: SG-202  
 Sample Type: Client  
 Inject. Date: 21-Dec-2020 15:18:30 ALS Bottle#: 9 Worklist Smp#: 10  
 Purge Vol: 200.000 mL Dil. Factor: 2.0000  
 Sample Info: 200-0044158-010  
 Misc. Info.: 566541-2dl  
 Operator ID: ggg Instrument ID: CHG.i  
 Method: \\chromfs\Burlington\ChromData\CHG.i\20201221-44158.b\TO15\_MasterMethod\_(v1)\_G.m  
 Limit Group: AI\_TO15\_ICAL  
 Last Update: 22-Dec-2020 06:58:27 Calib Date: 09-Dec-2020 17:31:30  
 Integrator: RTE ID Type: Deconvolution ID  
 Quant Method: Internal Standard Quant By: Initial Calibration  
 Last ICal File: \\chromfs\Burlington\ChromData\CHG.i\20201209-43976.b\200-43976-009.D  
 Column 1 : RTX-624 ( 0.32 mm) Det: MS SCAN  
 Process Host: CTX1673

First Level Reviewer: bourdeaut

Date: 22-Dec-2020 06:59:52

| Compound                           | Sig | RT (min.) | Adj RT (min.) | Dlt RT (min.) | Q  | Response | OnCol Amt ppb v/v | Flags |
|------------------------------------|-----|-----------|---------------|---------------|----|----------|-------------------|-------|
| 2 Dichlorodifluoromethane          | 85  | 3.102     | 3.102         | 0.000         | 99 | 5816     | 0.2711            |       |
| 3 Chlorodifluoromethane            | 51  |           | 3.123         |               |    |          | ND                | U     |
| 4 1,2-Dichloro-1,1,2,2-tetrafluoro | 85  |           | 3.316         |               |    |          | ND                |       |
| 5 Chloromethane                    | 50  | 3.386     | 3.391         | -0.005        | 48 | 1259     | 0.3471            |       |
| 7 Vinyl chloride                   | 62  |           | 3.583         |               |    |          | ND                | U     |
| 6 Butane                           | 43  | 3.589     | 3.589         | 0.000         | 95 | 139809   | 24.4              |       |
| 8 Butadiene                        | 54  | 3.659     | 3.653         | 0.005         | 88 | 6836     | 2.18              |       |
| 10 Bromomethane                    | 94  |           | 4.124         |               |    |          | ND                |       |
| 11 Chloroethane                    | 64  |           | 4.311         |               |    |          | ND                |       |
| 13 Vinyl bromide                   | 106 |           | 4.627         |               |    |          | ND                |       |
| 14 Trichlorofluoromethane          | 101 | 4.750     | 4.755         | -0.005        | 20 | 1758     | 0.0873            |       |
| 21 1,1-Dichloroethene              | 96  |           | 5.622         |               |    |          | ND                |       |
| 22 Acetone                         | 43  | 5.686     | 5.654         | 0.032         | 77 | 9175     | 1.71              |       |
| 20 112TCTFE                        | 101 |           | 5.664         |               |    |          | ND                | U     |
| 24 Isopropyl alcohol               | 45  |           | 5.889         |               |    |          | ND                | U     |
| 23 Carbon disulfide                | 76  | 6.002     | 6.002         | 0.001         | 95 | 3553     | 0.2210            |       |
| 25 3-Chloro-1-propene              | 41  |           | 6.237         |               |    |          | ND                | U     |
| 27 Methylene Chloride              | 49  |           | 6.435         |               |    |          | ND                | U     |
| 28 2-Methyl-2-propanol             | 59  |           | 6.606         |               |    |          | ND                |       |
| 31 trans-1,2-Dichloroethene        | 61  |           | 6.927         |               |    |          | ND                | U     |
| 29 Methyl tert-butyl ether         | 73  |           | 6.943         |               |    |          | ND                | U     |
| 33 Hexane                          | 57  | 7.451     | 7.451         | 0.000         | 84 | 8898     | 1.44              |       |
| 34 1,1-Dichloroethane              | 63  |           | 7.655         |               |    |          | ND                |       |
| 38 2-Butanone (MEK)                | 72  |           | 8.585         |               |    |          | ND                | U     |
| 37 cis-1,2-Dichloroethene          | 96  |           | 8.623         |               |    |          | ND                |       |
| * 40 Chlorobromomethane            | 128 | 9.030     | 9.029         | 0.001         | 81 | 73147    | 10.0              |       |
| 41 Tetrahydrofuran                 | 42  |           | 9.104         |               |    |          | ND                |       |
| 42 Chloroform                      | 83  |           | 9.211         |               |    |          | ND                |       |
| 44 1,1,1-Trichloroethane           | 97  |           | 9.554         |               |    |          | ND                | 7     |
| 43 Cyclohexane                     | 84  |           | 9.725         |               |    |          | ND                | U     |
| 45 Carbon tetrachloride            | 117 |           | 9.853         |               |    |          | ND                | U     |

| Compound                       | Sig | RT (min.) | Adj RT (min.) | Dlt RT (min.) | Q  | Response | OnCol Amt ppb v/v | Flags |
|--------------------------------|-----|-----------|---------------|---------------|----|----------|-------------------|-------|
| 47 Benzene                     | 78  | 10.201    | 10.201        | 0.000         | 40 | 3354     | 0.1716            |       |
| 48 1,2-Dichloroethane          | 62  |           | 10.255        |               |    |          | ND                |       |
| 46 Isooctane                   | 57  |           | 10.490        |               |    |          | ND                |       |
| 49 n-Heptane                   | 43  | 10.827    | 10.827        | 0.000         | 90 | 4395     | 0.3766            |       |
| * 50 1,4-Difluorobenzene       | 114 | 11.004    | 11.003        | 0.001         | 95 | 407810   | 10.0              |       |
| 53 Trichloroethene             | 95  | 11.496    | 11.496        | 0.000         | 49 | 904      | 0.0658            |       |
| 54 1,2-Dichloropropane         | 63  |           | 11.982        |               |    |          | ND                |       |
| 55 Methyl methacrylate         | 69  |           | 12.116        |               |    |          | ND                |       |
| 56 1,4-Dioxane                 | 88  |           | 12.143        |               |    |          | ND                |       |
| 58 Dichlorobromomethane        | 83  |           | 12.501        |               |    |          | ND                |       |
| 60 cis-1,3-Dichloropropene     | 75  |           | 13.395        |               |    |          | ND                | 7     |
| 61 4-Methyl-2-pentanone (MIBK) | 43  |           | 13.694        |               |    |          | ND                | 7     |
| 65 Toluene                     | 92  | 14.112    | 14.112        | 0.000         | 86 | 4845     | 0.3013            | M     |
| 66 trans-1,3-Dichloropropene   | 75  |           | 14.545        |               |    |          | ND                |       |
| 67 1,1,2-Trichloroethane       | 83  |           | 14.941        |               |    |          | ND                | 7     |
| 68 Tetrachloroethene           | 166 | 15.198    | 15.198        | 0.000         | 91 | 22279    | 1.27              | M     |
| 69 2-Hexanone                  | 43  |           | 15.412        |               |    |          | ND                | 7     |
| 71 Chlorodibromomethane        | 129 |           | 15.727        |               |    |          | ND                |       |
| 72 Ethylene Dibromide          | 107 |           | 15.979        |               |    |          | ND                |       |
| * 74 Chlorobenzene-d5          | 117 | 16.974    | 16.968        | 0.006         | 88 | 366001   | 10.0              |       |
| 75 Chlorobenzene               | 112 |           | 17.033        |               |    |          | ND                |       |
| 76 Ethylbenzene                | 91  | 17.257    | 17.257        | 0.000         | 45 | 4115     | 0.1132            | M     |
| 78 m-Xylene & p-Xylene         | 106 | 17.530    | 17.530        | 0.000         | 0  | 3188     | 0.2426            | M     |
| 79 o-Xylene                    | 106 | 18.338    | 18.349        | -0.011        | 16 | 1704     | 0.1261            | M     |
| 80 Styrene                     | 104 |           | 18.375        |               |    |          | ND                | U     |
| 81 Bromoform                   | 173 |           | 18.723        |               |    |          | ND                |       |
| 82 Isopropylbenzene            | 105 |           | 19.135        |               |    |          | ND                | U     |
| 84 1,1,2,2-Tetrachloroethane   | 83  |           | 19.675        |               |    |          | ND                | 7     |
| 85 N-Propylbenzene             | 91  |           | 19.927        |               |    |          | ND                |       |
| 89 2-Chlorotoluene             | 91  |           | 20.071        |               |    |          | ND                | U     |
| 88 4-Ethyltoluene              | 105 |           | 20.141        |               |    |          | ND                | U     |
| 90 1,3,5-Trimethylbenzene      | 105 |           | 20.248        |               |    |          | ND                | U     |
| 92 tert-Butylbenzene           | 119 |           | 20.761        |               |    |          | ND                | 7     |
| 93 1,2,4-Trimethylbenzene      | 105 |           | 20.852        |               |    |          | ND                | U     |
| 94 sec-Butylbenzene            | 105 |           | 21.109        |               |    |          | ND                | 7     |
| 96 1,3-Dichlorobenzene         | 146 |           | 21.270        |               |    |          | ND                | U     |
| 95 4-Isopropyltoluene          | 119 |           | 21.339        |               |    |          | ND                | U     |
| 97 1,4-Dichlorobenzene         | 146 |           | 21.419        |               |    |          | ND                | 7     |
| 98 Benzyl chloride             | 91  |           | 21.569        |               |    |          | ND                |       |
| 100 n-Butylbenzene             | 91  |           | 21.912        |               |    |          | ND                |       |
| 101 1,2-Dichlorobenzene        | 146 |           | 21.917        |               |    |          | ND                | U     |
| 103 1,2,4-Trichlorobenzene     | 180 |           | 24.324        |               |    |          | ND                | U     |
| 104 Hexachlorobutadiene        | 225 |           | 24.586        |               |    |          | ND                | 7     |
| 105 Naphthalene                | 128 |           | 24.779        |               |    |          | ND                | U     |

### QC Flag Legend

Processing Flags

7 - Failed Limit of Detection

Review Flags

M - Manually Integrated

U - Marked Undetected

**Reagents:**

ATTO15GIS\_00017

Amount Added: 20.00

Units: mL

Run Reagent

Report Date: 22-Dec-2020 06:59:52

Chrom Revision: 2.3 09-Dec-2020 16:22:14

Eurofins TestAmerica, Burlington

Data File: \\chromfs\Burlington\ChromData\CHG.i\20201221-44158.b\200-44158-010.D

Injection Date: 21-Dec-2020 15:18:30

Instrument ID: CHG.i

Operator ID: ggg

Lims ID: 200-56451-A-2

Lab Sample ID: 200-56451-2

Worklist Smp#: 10

Client ID: SG-202

Purge Vol: 200.000 mL

Dil. Factor: 2.0000

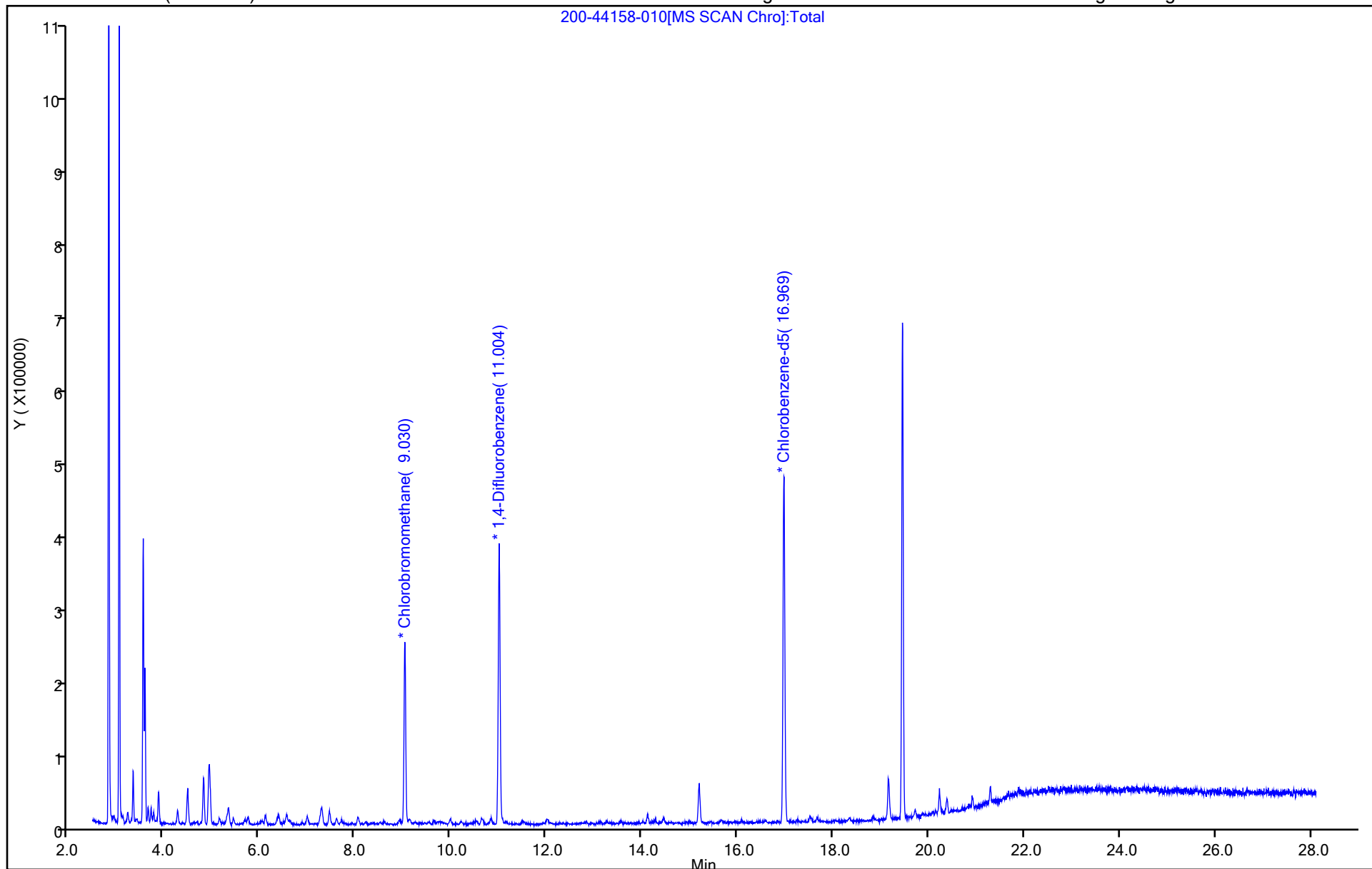
ALS Bottle#: 9

Method: TO15\_MasterMethod\_(v1)\_G

Limit Group: AI\_TO15\_ICAL

Column: RTX-624 ( 0.32 mm)

Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



## Eurofins TestAmerica, Burlington

Data File: \\chromfs\Burlington\ChromData\CHG.i\20201221-44158.b\200-44158-010.D

Injection Date: 21-Dec-2020 15:18:30

Instrument ID: CHG.i

Lims ID: 200-56451-A-2

Lab Sample ID: 200-56451-2

Client ID: SG-202

Operator ID: ggg

ALS Bottle#: 9

Worklist Smp#: 10

Purge Vol: 200.000 mL

Dil. Factor: 2.0000

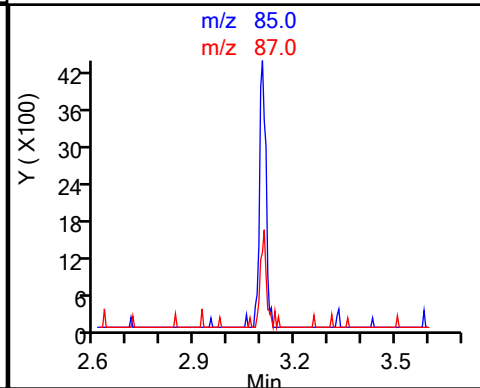
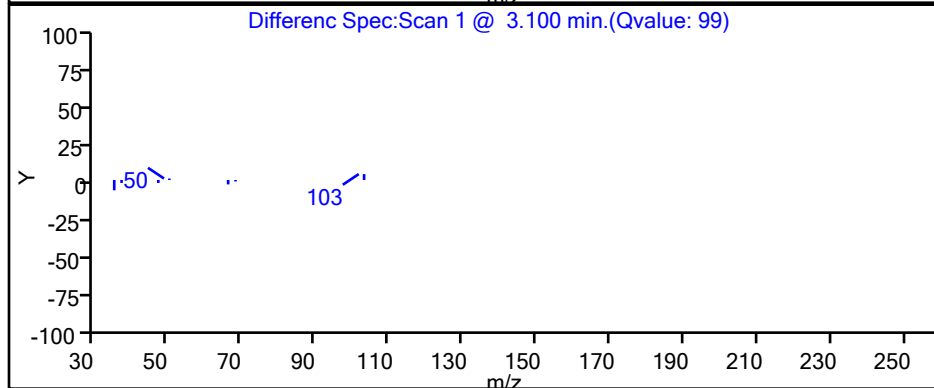
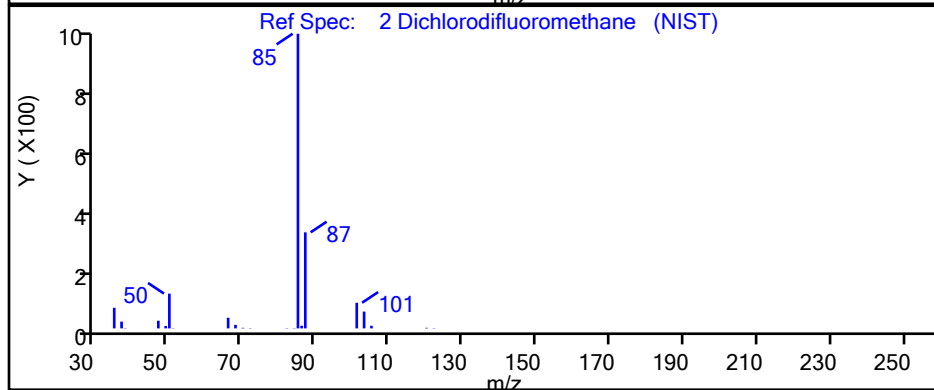
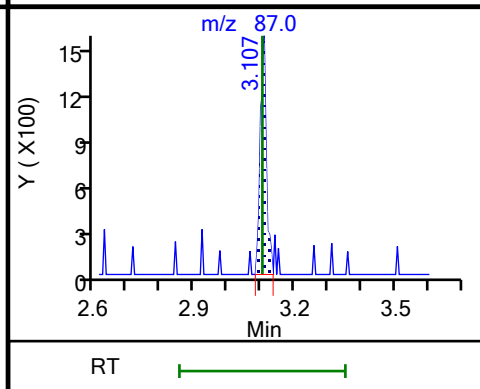
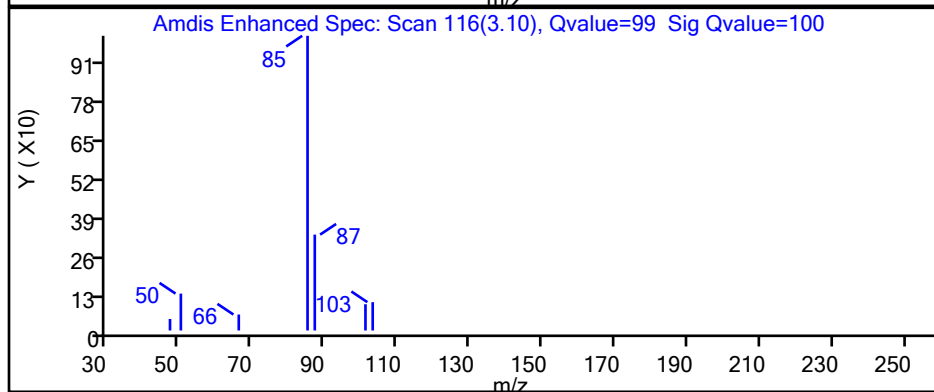
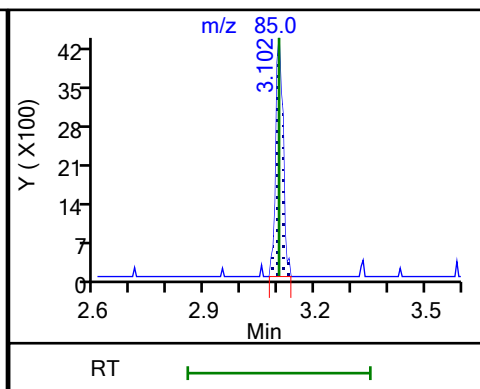
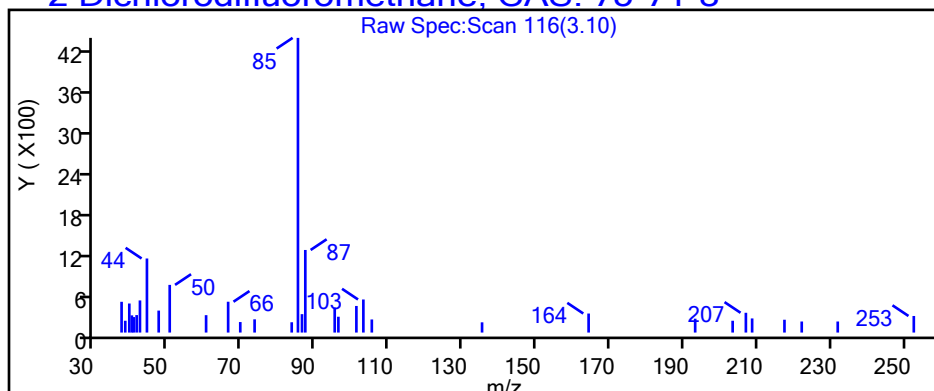
Method: TO15\_MasterMethod\_(v1)\_G

Limit Group: AI\_TO15\_ICAL

Column: RTX-624 ( 0.32 mm)

Detector: MS SCAN

## 2 Dichlorodifluoromethane, CAS: 75-71-8



## Eurofins TestAmerica, Burlington

Data File: \\chromfs\Burlington\ChromData\CHG.i\20201221-44158.b\200-44158-010.D

Injection Date: 21-Dec-2020 15:18:30

Instrument ID: CHG.i

Lims ID: 200-56451-A-2

Lab Sample ID: 200-56451-2

Client ID: SG-202

Operator ID: ggg

ALS Bottle#: 9

Worklist Smp#: 10

Purge Vol: 200.000 mL

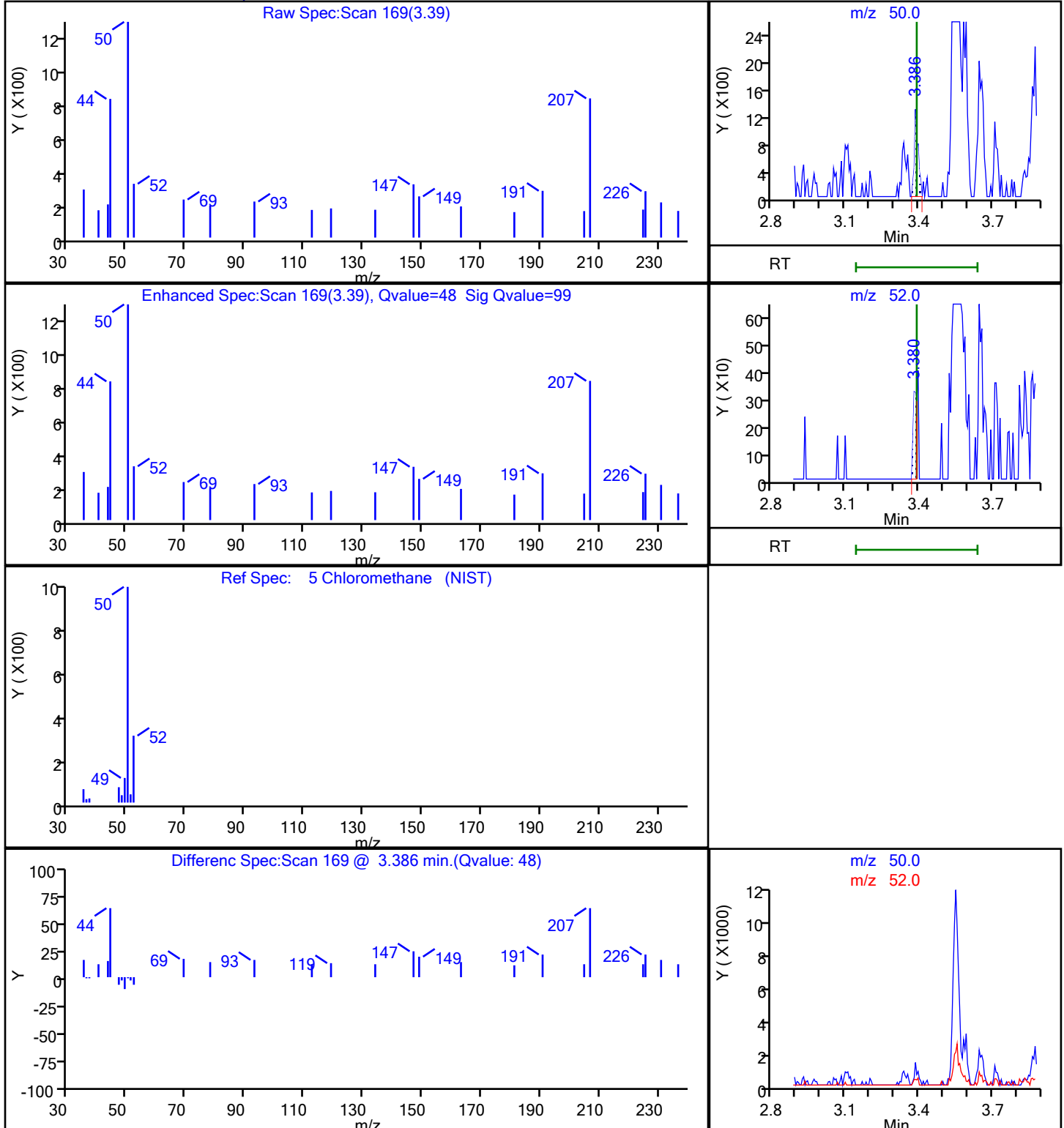
Dil. Factor: 2.0000

Method: TO15\_MasterMethod\_(v1)\_G

Limit Group: AI\_TO15\_ICAL

Column: RTX-624 (0.32 mm)

Detector: MS SCAN

**5 Chloromethane, CAS: 74-87-3**



## Eurofins TestAmerica, Burlington

Data File: \\chromfs\Burlington\ChromData\CHG.i\20201221-44158.b\200-44158-010.D

Injection Date: 21-Dec-2020 15:18:30

Instrument ID: CHG.i

Lims ID: 200-56451-A-2

Lab Sample ID: 200-56451-2

Client ID: SG-202

Operator ID: ggg

ALS Bottle#: 9

Worklist Smp#: 10

Purge Vol: 200.000 mL

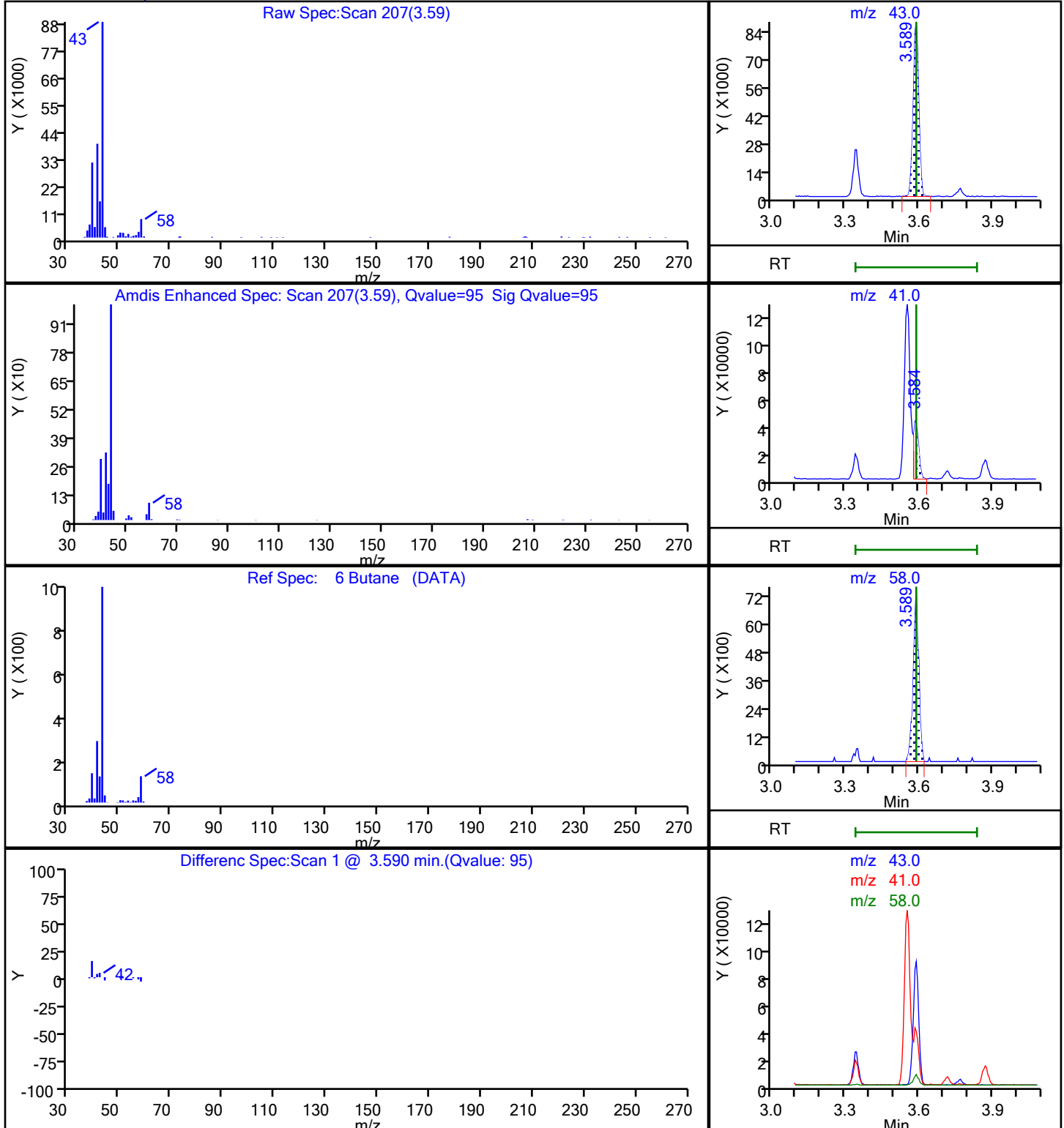
Dil. Factor: 2.0000

Method: TO15\_MasterMethod\_(v1)\_G

Limit Group: AI\_TO15\_ICAL

Column: RTX-624 ( 0.32 mm)

Detector: MS SCAN

**6 Butane, CAS: 106-97-8**

## Eurofins TestAmerica, Burlington

Data File: \\chromfs\Burlington\ChromData\CHG.i\20201221-44158.b\200-44158-010.D

Injection Date: 21-Dec-2020 15:18:30

Instrument ID: CHG.i

Lims ID: 200-56451-A-2

Lab Sample ID: 200-56451-2

Client ID: SG-202

Operator ID: ggg

ALS Bottle#: 9

Worklist Smp#: 10

Purge Vol: 200.000 mL

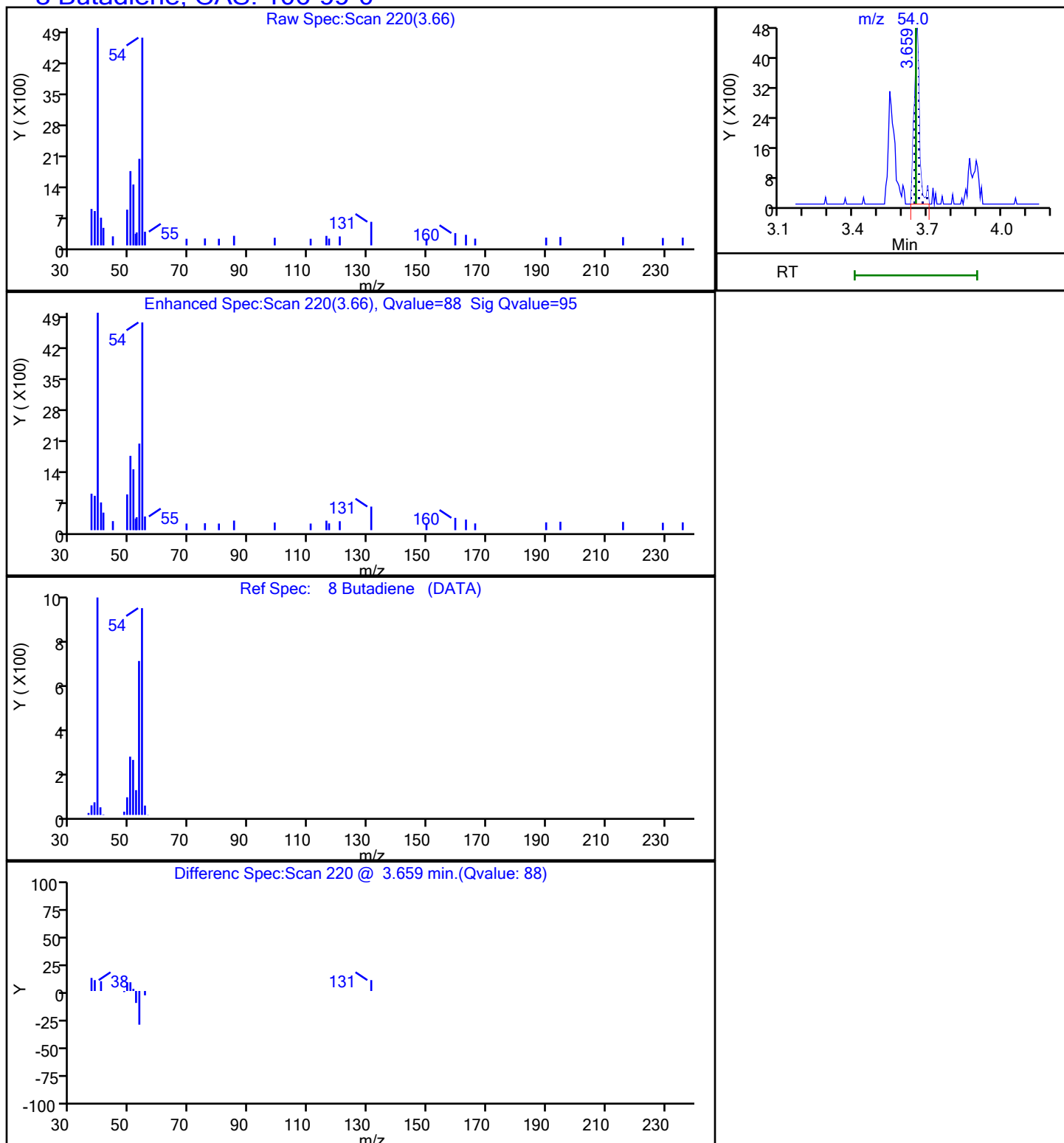
Dil. Factor: 2.0000

Method: TO15\_MasterMethod\_(v1)\_G

Limit Group: AI\_TO15\_ICAL

Column: RTX-624 (0.32 mm)

Detector: MS SCAN

**8 Butadiene, CAS: 106-99-0**

## Eurofins TestAmerica, Burlington

Data File: \\chromfs\Burlington\ChromData\CHG.i\20201221-44158.b\200-44158-010.D

Injection Date: 21-Dec-2020 15:18:30

Instrument ID: CHG.i

Lims ID: 200-56451-A-2

Lab Sample ID: 200-56451-2

Client ID: SG-202

Operator ID: ggg

ALS Bottle#: 9

Worklist Smp#: 10

Purge Vol: 200.000 mL

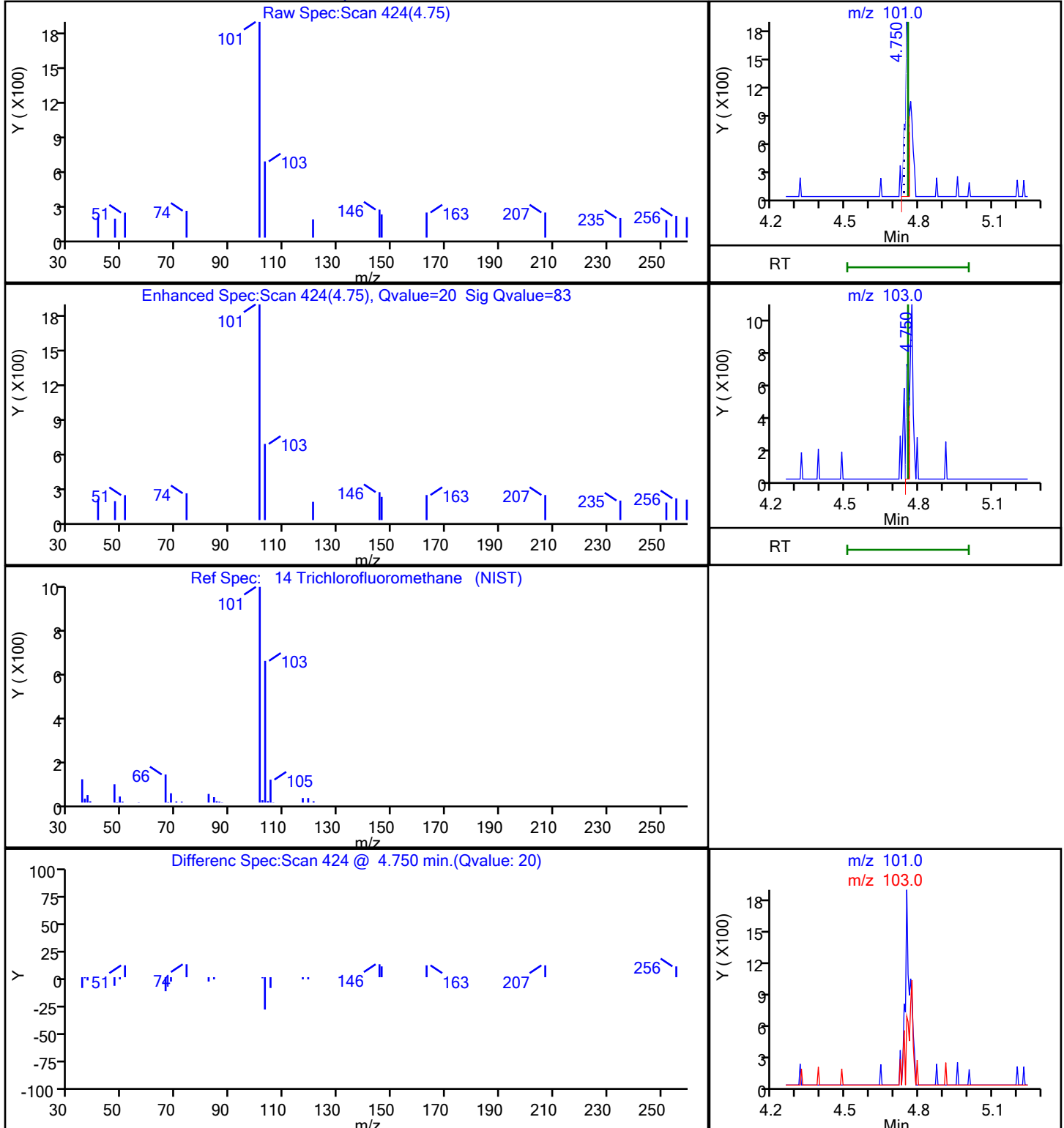
Dil. Factor: 2.0000

Method: TO15\_MasterMethod\_(v1)\_G

Limit Group: AI\_TO15\_ICAL

Column: RTX-624 (0.32 mm)

Detector: MS SCAN

**14 Trichlorofluoromethane, CAS: 75-69-4**

## Eurofins TestAmerica, Burlington

Data File: \\chromfs\Burlington\ChromData\CHG.i\20201221-44158.b\200-44158-010.D

Injection Date: 21-Dec-2020 15:18:30

Instrument ID: CHG.i

Lims ID: 200-56451-A-2

Lab Sample ID: 200-56451-2

Client ID: SG-202

Operator ID: ggg

ALS Bottle#: 9

Worklist Smp#: 10

Purge Vol: 200.000 mL

Dil. Factor: 2.0000

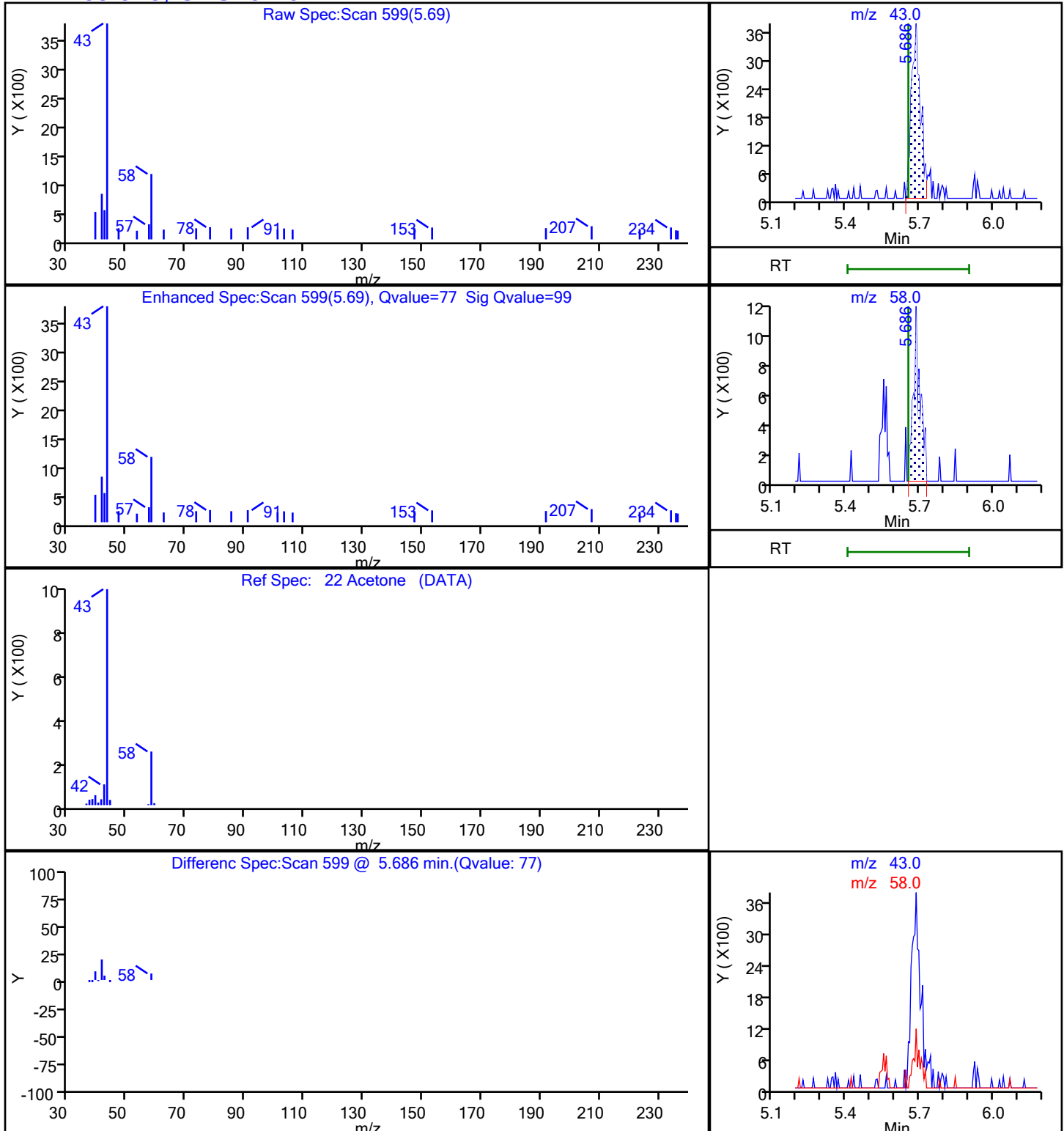
Method: TO15\_MasterMethod\_(v1)\_G

Limit Group: AI\_TO15\_ICAL

Column: RTX-624 ( 0.32 mm)

Detector: MS SCAN

## 22 Acetone, CAS: 67-64-1



## Eurofins TestAmerica, Burlington

Data File: \\chromfs\Burlington\ChromData\CHG.i\20201221-44158.b\200-44158-010.D

Injection Date: 21-Dec-2020 15:18:30

Instrument ID: CHG.i

Lims ID: 200-56451-A-2

Lab Sample ID: 200-56451-2

Client ID: SG-202

Operator ID: ggg

ALS Bottle#: 9

Worklist Smp#: 10

Purge Vol: 200.000 mL

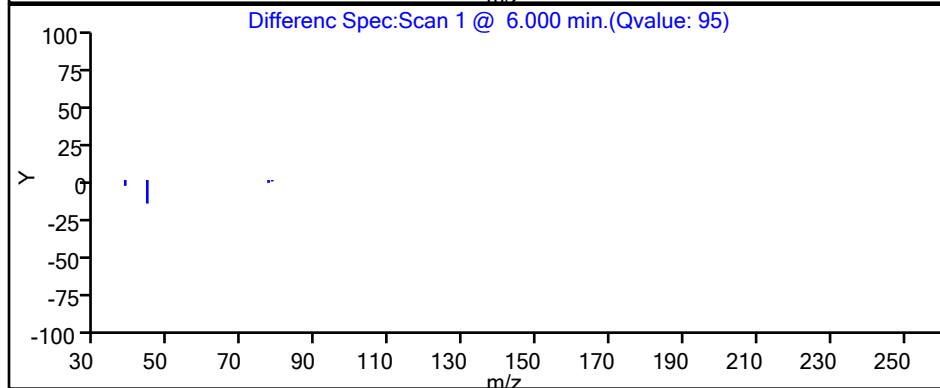
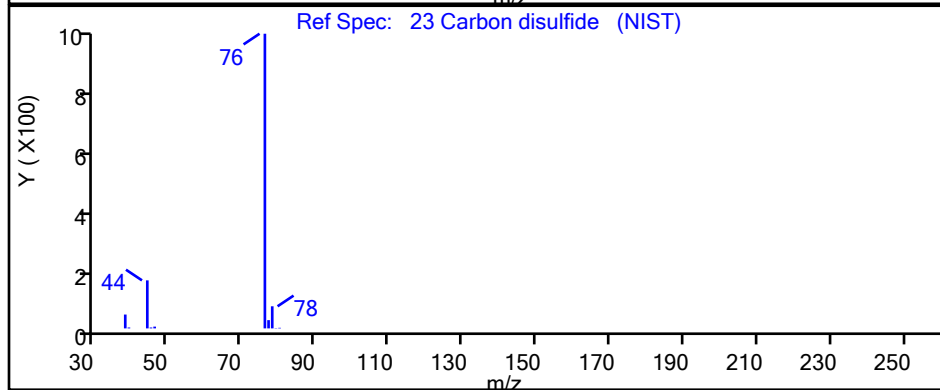
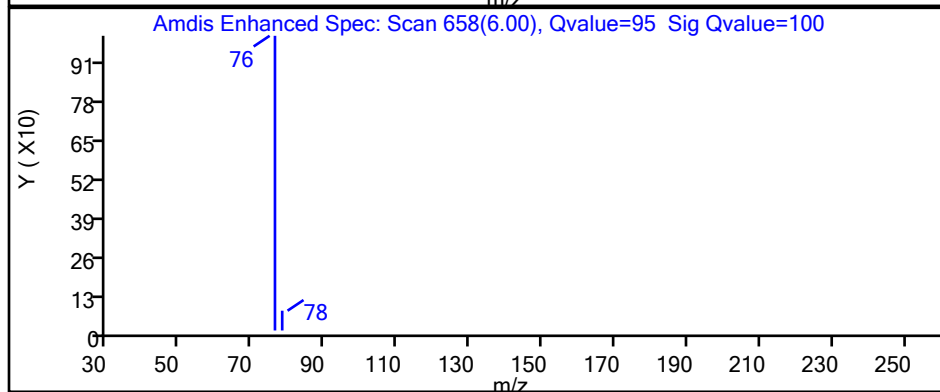
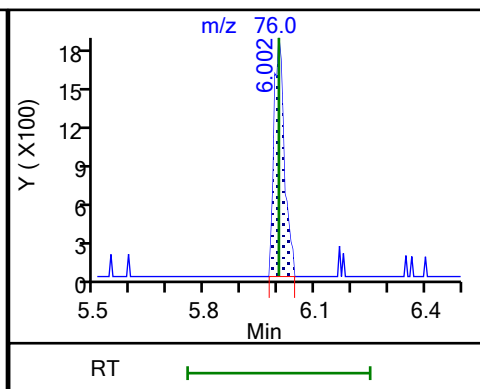
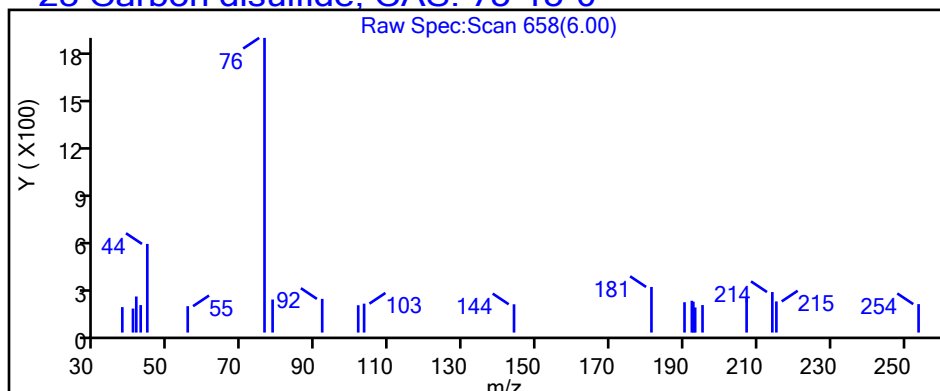
Dil. Factor: 2.0000

Method: TO15\_MasterMethod\_(v1)\_G

Limit Group: AI\_TO15\_ICAL

Column: RTX-624 ( 0.32 mm)

Detector: MS SCAN

**23 Carbon disulfide, CAS: 75-15-0**

## Eurofins TestAmerica, Burlington

Data File: \\chromfs\Burlington\ChromData\CHG.i\20201221-44158.b\200-44158-010.D

Injection Date: 21-Dec-2020 15:18:30

Instrument ID: CHG.i

Lims ID: 200-56451-A-2

Lab Sample ID: 200-56451-2

Client ID: SG-202

Operator ID: ggg

ALS Bottle#: 9

Worklist Smp#: 10

Purge Vol: 200.000 mL

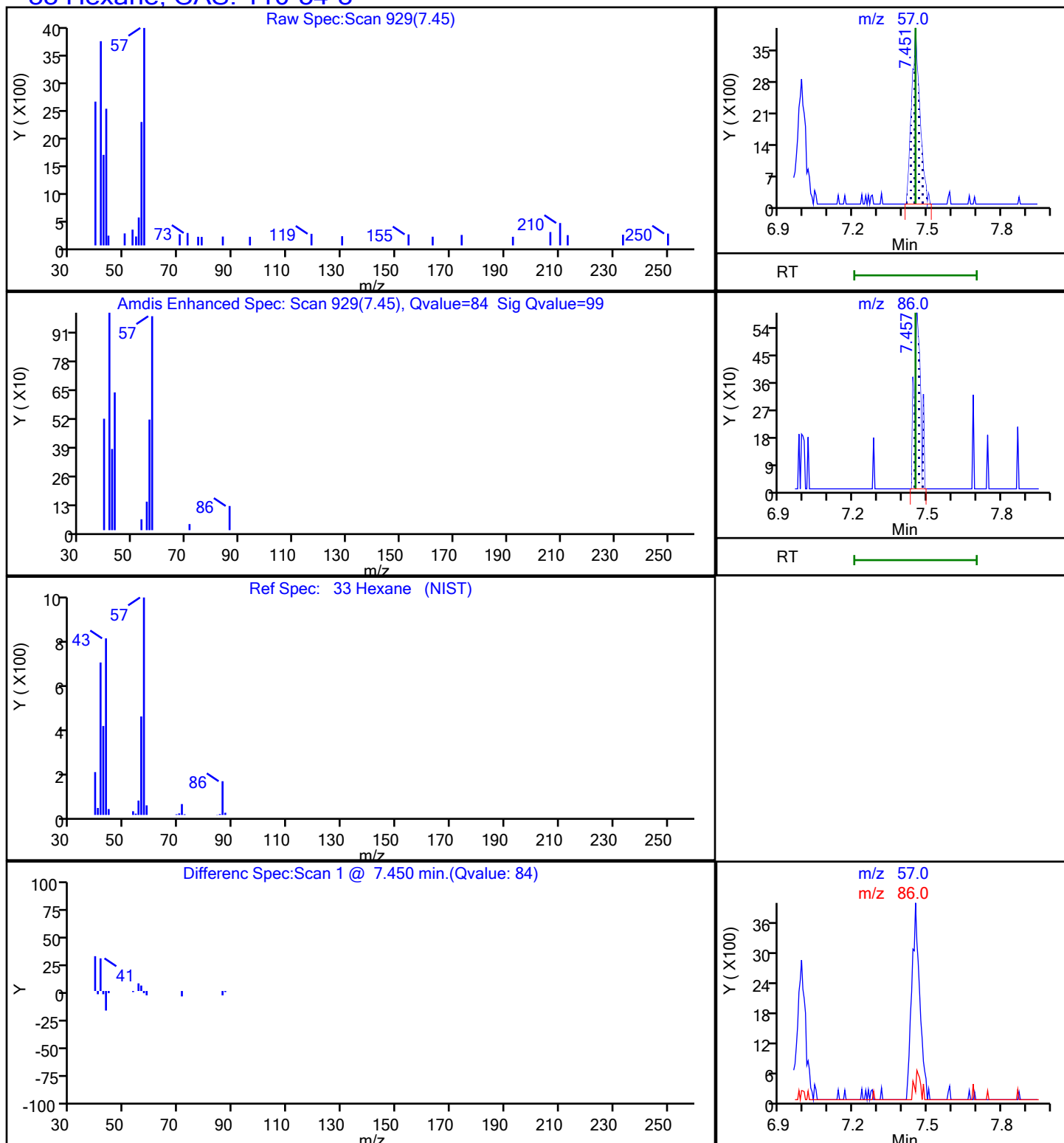
Dil. Factor: 2.0000

Method: TO15\_MasterMethod\_(v1)\_G

Limit Group: AI\_TO15\_ICAL

Column: RTX-624 (0.32 mm)

Detector: MS SCAN

**33 Hexane, CAS: 110-54-3**

## Eurofins TestAmerica, Burlington

Data File: \\chromfs\Burlington\ChromData\CHG.i\20201221-44158.b\200-44158-010.D

Injection Date: 21-Dec-2020 15:18:30

Instrument ID: CHG.i

Lims ID: 200-56451-A-2

Lab Sample ID: 200-56451-2

Client ID: SG-202

Operator ID: ggg

ALS Bottle#: 9

Worklist Smp#: 10

Purge Vol: 200.000 mL

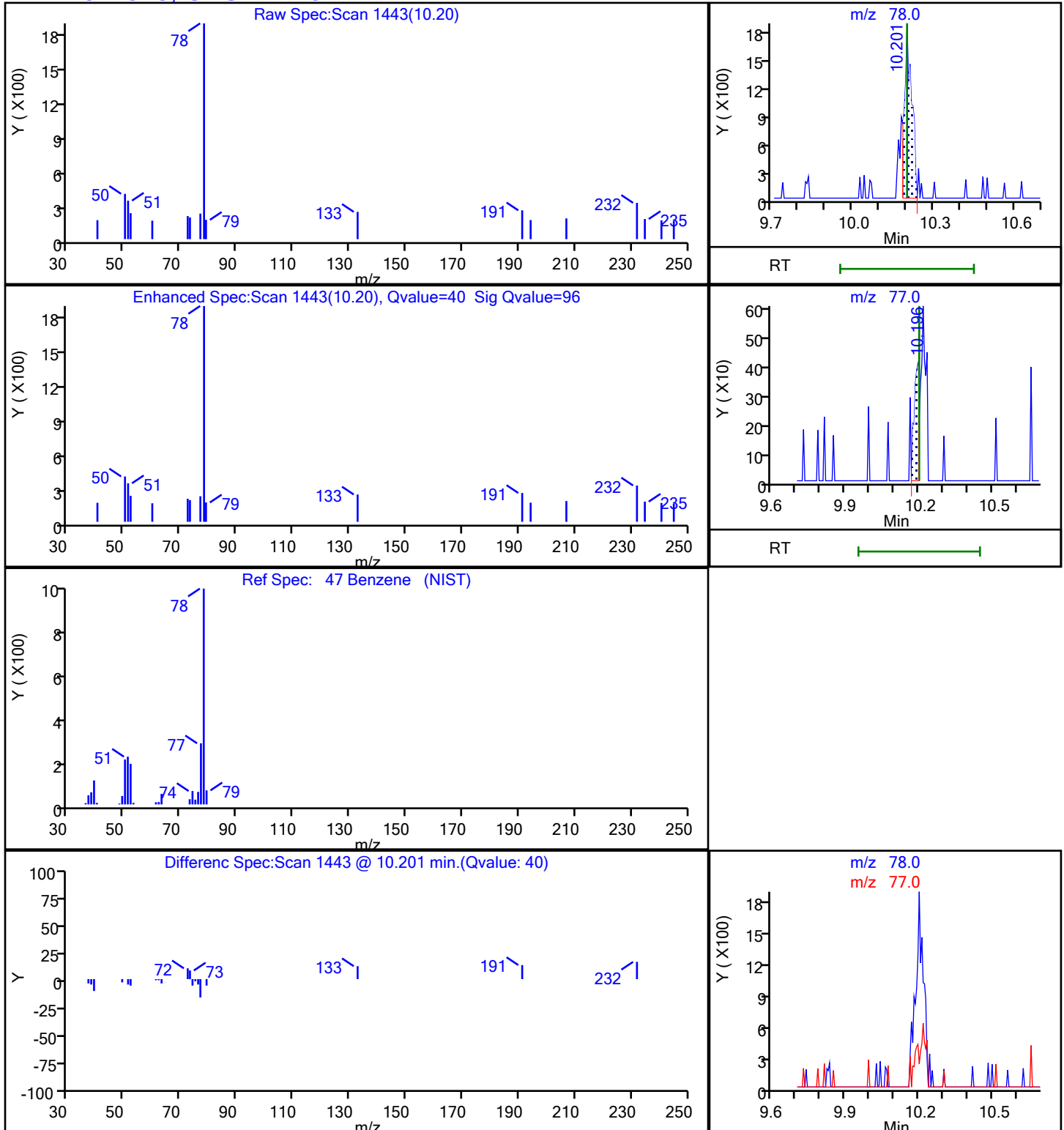
Dil. Factor: 2.0000

Method: TO15\_MasterMethod\_(v1)\_G

Limit Group: AI\_TO15\_ICAL

Column: RTX-624 ( 0.32 mm)

Detector: MS SCAN

**47 Benzene, CAS: 71-43-2**

## Eurofins TestAmerica, Burlington

Data File: \\chromfs\Burlington\ChromData\CHG.i\20201221-44158.b\200-44158-010.D

Injection Date: 21-Dec-2020 15:18:30

Instrument ID: CHG.i

Lims ID: 200-56451-A-2

Lab Sample ID: 200-56451-2

Client ID: SG-202

Operator ID: ggg

ALS Bottle#: 9

Worklist Smp#: 10

Purge Vol: 200.000 mL

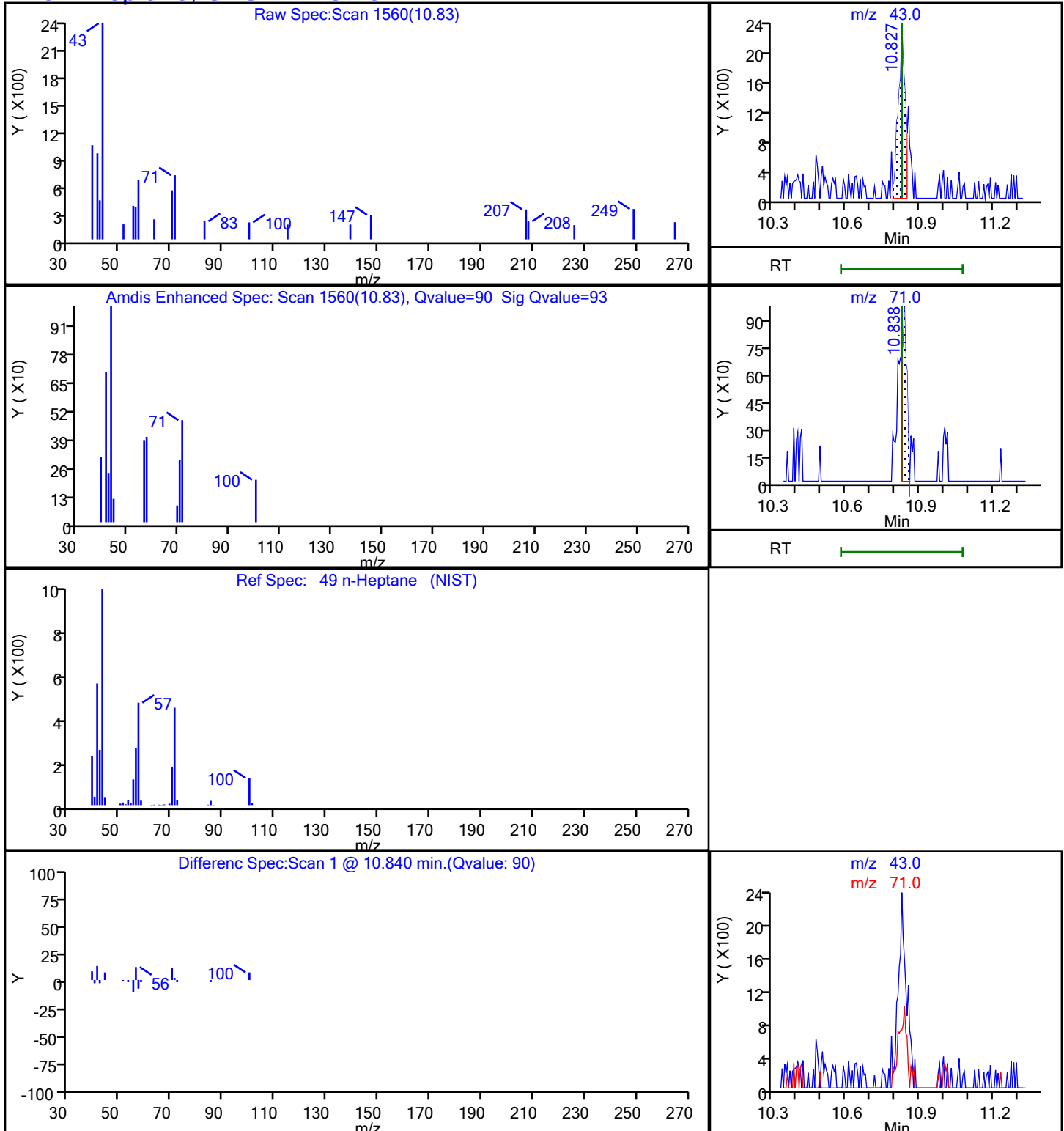
Dil. Factor: 2.0000

Method: TO15\_MasterMethod\_(v1)\_G

Limit Group: AI\_TO15\_ICAL

Column: RTX-624 (0.32 mm)

Detector: MS SCAN

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



Eurofins TestAmerica, Burlington

Data File: \\chromfs\Burlington\ChromData\CHG.i\20201221-44158.b\200-44158-010.D

Injection Date: 21-Dec-2020 15:18:30

Instrument ID: CHG.i

Lims ID: 200-56451-A-2

Lab Sample ID: 200-56451-2

Client ID: SG-202

Operator ID: ggg

ALS Bottle#: 9

Worklist Smp#: 10

Purge Vol: 200.000 mL

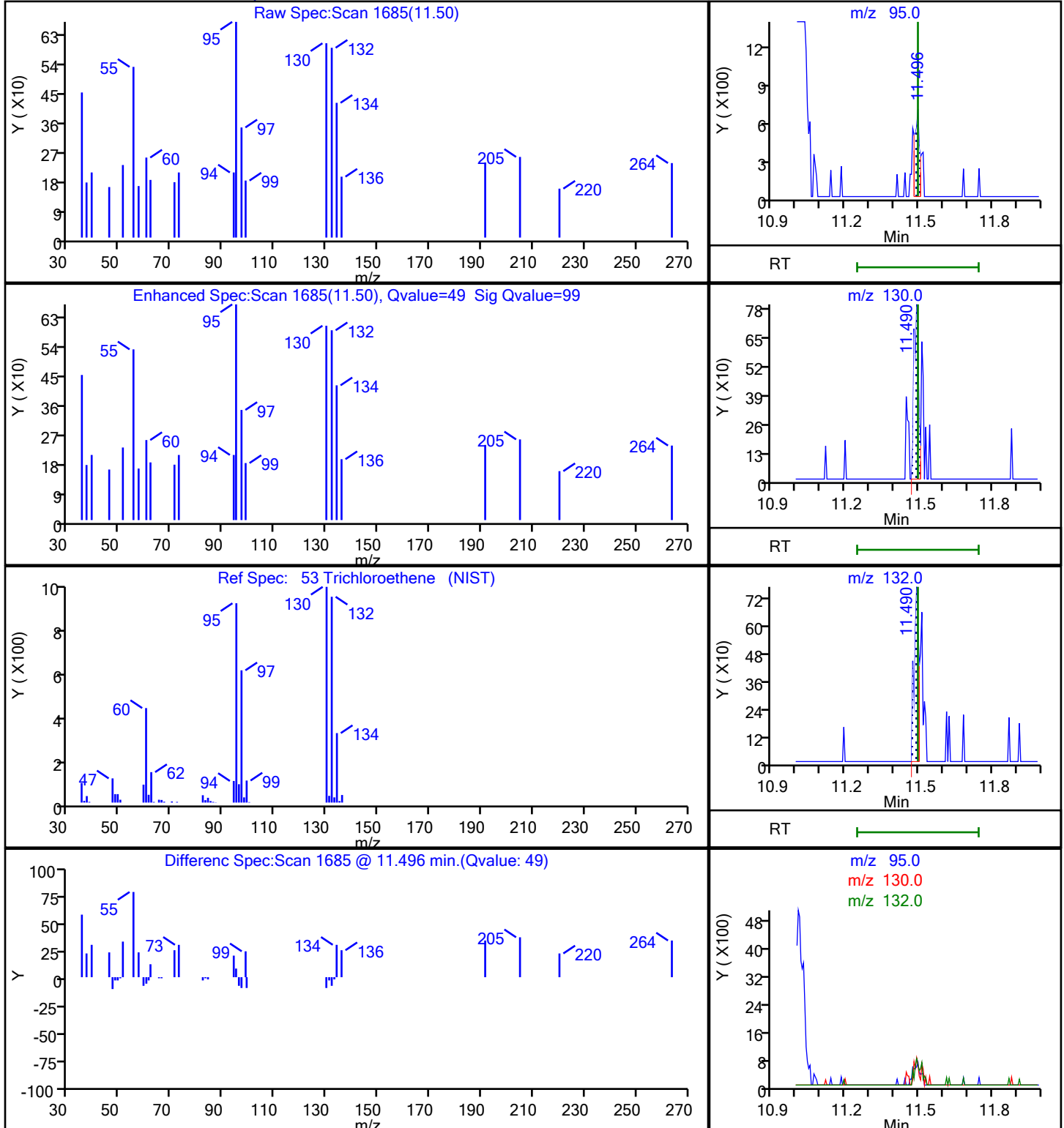
Dil. Factor: 2.0000

Method: TO15\_MasterMethod\_(v1)\_G

Limit Group: AI\_TO15\_ICAL

Column: RTX-624 (0.32 mm)

Detector: MS SCAN

**53 Trichloroethene, CAS: 79-01-6**

## Eurofins TestAmerica, Burlington

Data File: \\chromfs\Burlington\ChromData\CHG.i\20201221-44158.b\200-44158-010.D

Injection Date: 21-Dec-2020 15:18:30

Instrument ID: CHG.i

Lims ID: 200-56451-A-2

Lab Sample ID: 200-56451-2

Client ID: SG-202

Operator ID: ggg

ALS Bottle#: 9

Worklist Smp#: 10

Purge Vol: 200.000 mL

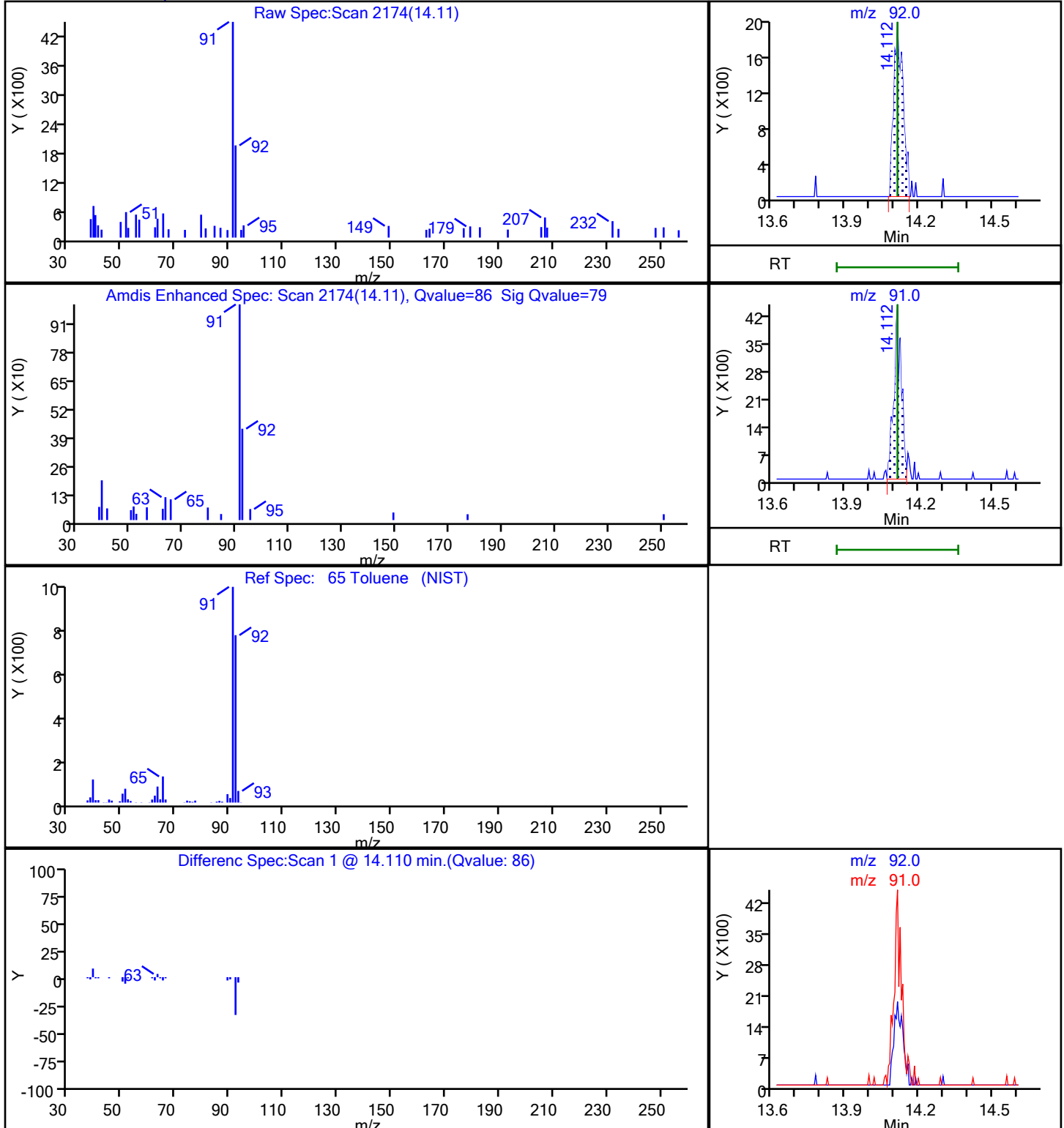
Dil. Factor: 2.0000

Method: TO15\_MasterMethod\_(v1)\_G

Limit Group: AI\_TO15\_ICAL

Column: RTX-624 ( 0.32 mm)

Detector: MS SCAN

**65 Toluene, CAS: 108-88-3**

## Eurofins TestAmerica, Burlington

Data File: \\chromfs\Burlington\ChromData\CHG.i\20201221-44158.b\200-44158-010.D

Injection Date: 21-Dec-2020 15:18:30

Instrument ID: CHG.i

Lims ID: 200-56451-A-2

Lab Sample ID: 200-56451-2

Client ID: SG-202

Operator ID: ggg

ALS Bottle#: 9

Worklist Smp#: 10

Purge Vol: 200.000 mL

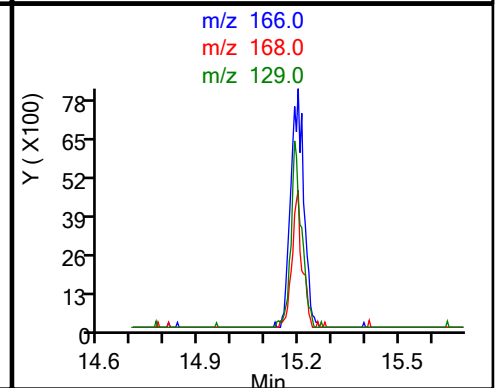
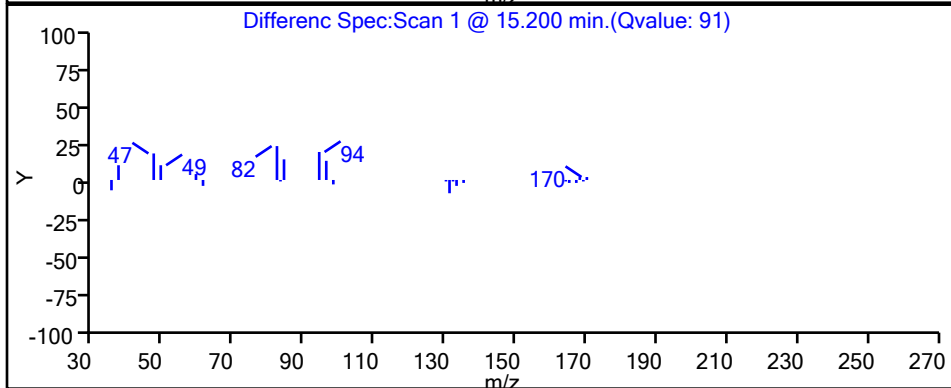
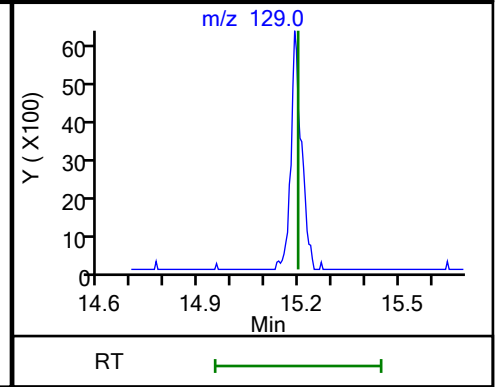
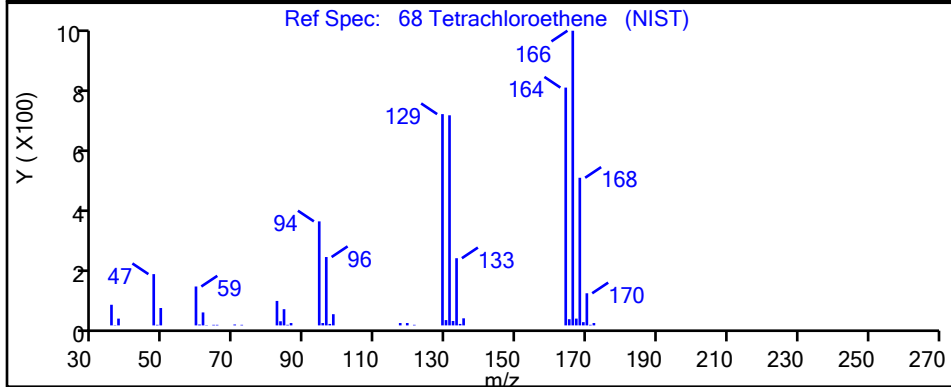
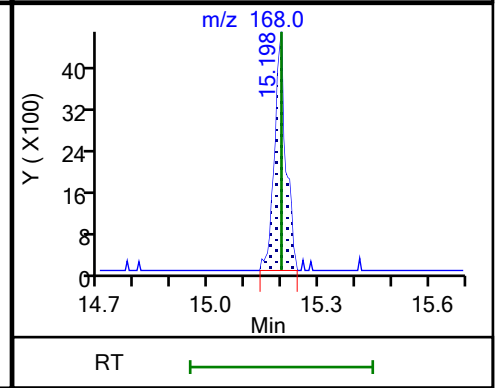
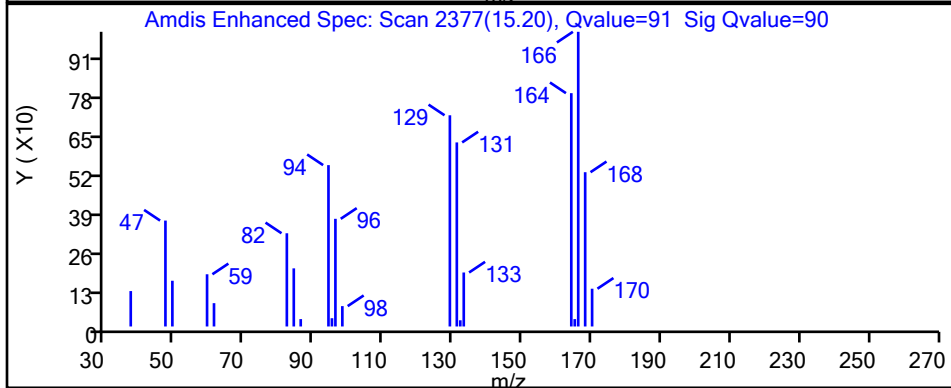
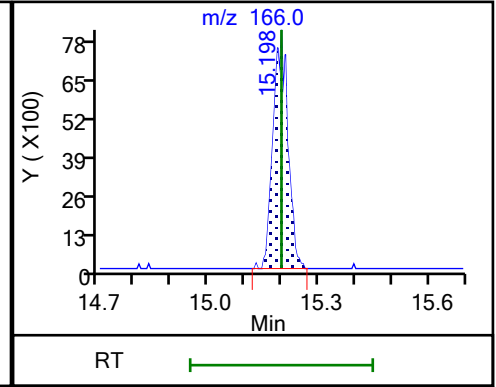
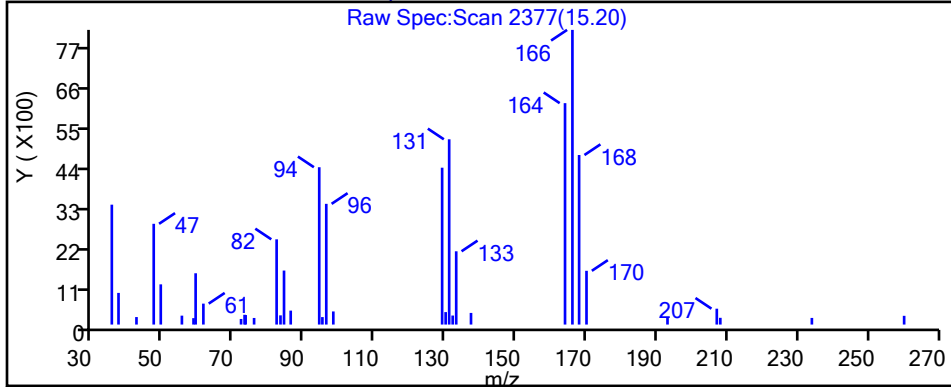
Dil. Factor: 2.0000

Method: TO15\_MasterMethod\_(v1)\_G

Limit Group: AI\_TO15\_ICAL

Column: RTX-624 ( 0.32 mm)

Detector: MS SCAN

**68 Tetrachloroethene, CAS: 127-18-4**

## Eurofins TestAmerica, Burlington

Data File: \\chromfs\Burlington\ChromData\CHG.i\20201221-44158.b\200-44158-010.D

Injection Date: 21-Dec-2020 15:18:30

Instrument ID: CHG.i

Lims ID: 200-56451-A-2

Lab Sample ID: 200-56451-2

Client ID: SG-202

Operator ID: ggg

ALS Bottle#: 9

Worklist Smp#: 10

Purge Vol: 200.000 mL

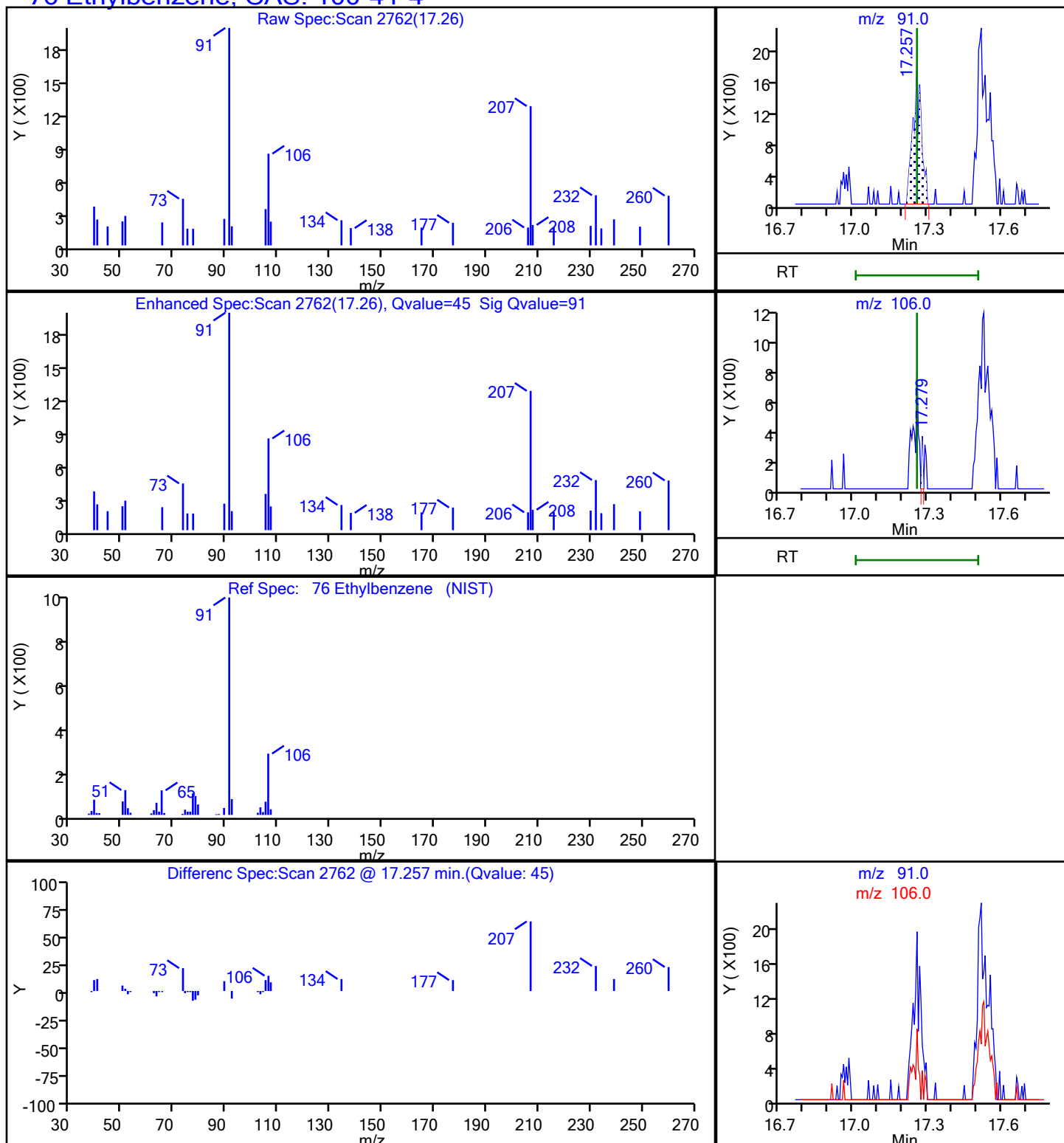
Dil. Factor: 2.0000

Method: TO15\_MasterMethod\_(v1)\_G

Limit Group: AI\_TO15\_ICAL

Column: RTX-624 (0.32 mm)

Detector: MS SCAN

**76 Ethylbenzene, CAS: 100-41-4**

## Eurofins TestAmerica, Burlington

Data File: \\chromfs\Burlington\ChromData\CHG.i\20201221-44158.b\200-44158-010.D

Injection Date: 21-Dec-2020 15:18:30

Instrument ID: CHG.i

Lims ID: 200-56451-A-2

Lab Sample ID: 200-56451-2

Client ID: SG-202

Operator ID: ggg

ALS Bottle#: 9

Worklist Smp#: 10

Purge Vol: 200.000 mL

Dil. Factor: 2.0000

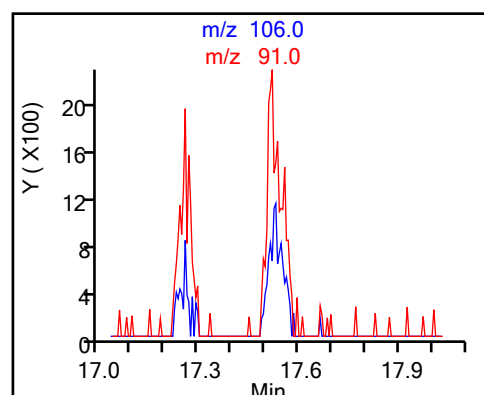
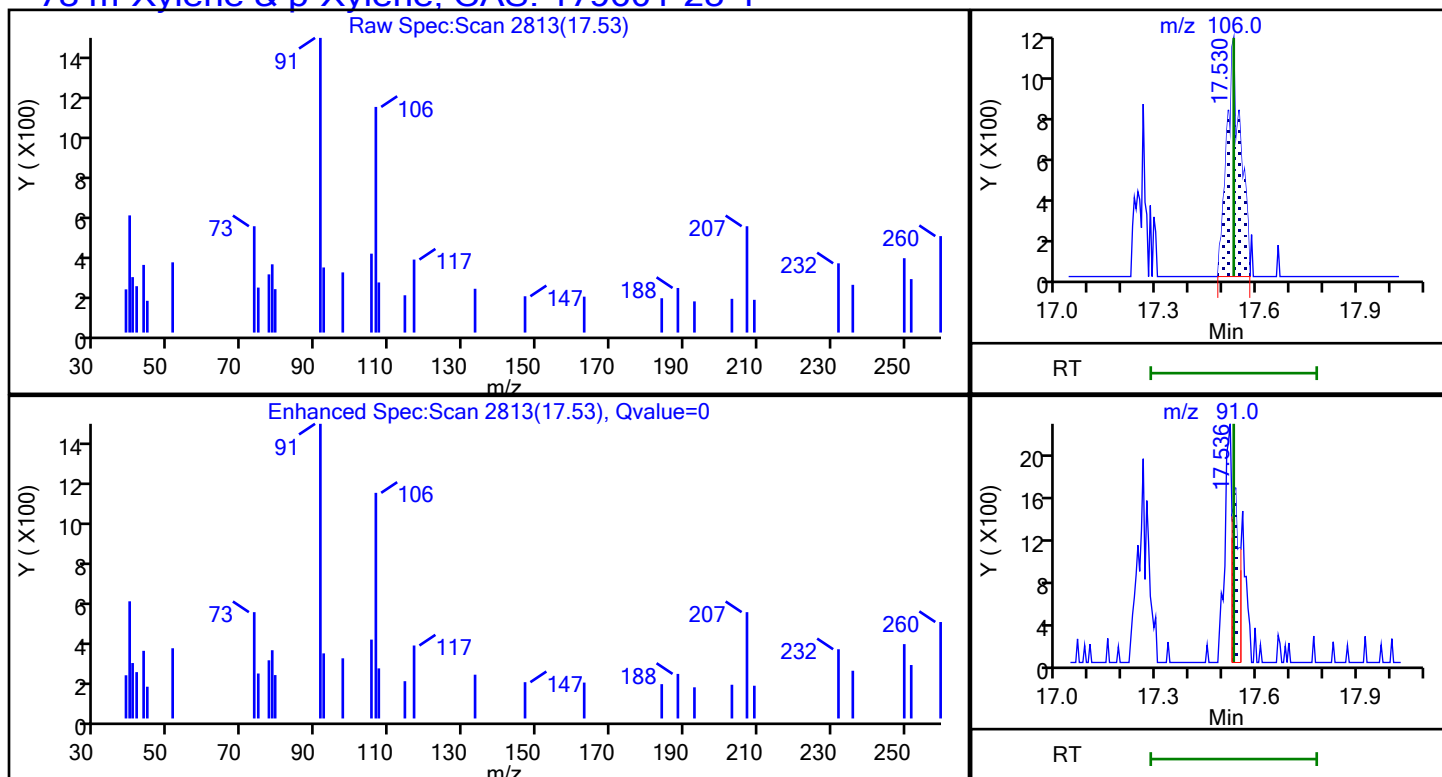
Method: TO15\_MasterMethod\_(v1)\_G

Limit Group: AI\_TO15\_ICAL

Column: RTX-624 (0.32 mm)

Detector: MS SCAN

## 78 m-Xylene &amp; p-Xylene, CAS: 179601-23-1



## Eurofins TestAmerica, Burlington

Data File: \\chromfs\Burlington\ChromData\CHG.i\20201221-44158.b\200-44158-010.D

Injection Date: 21-Dec-2020 15:18:30

Instrument ID: CHG.i

Lims ID: 200-56451-A-2

Lab Sample ID: 200-56451-2

Client ID: SG-202

Operator ID: ggg

ALS Bottle#: 9

Worklist Smp#: 10

Purge Vol: 200.000 mL

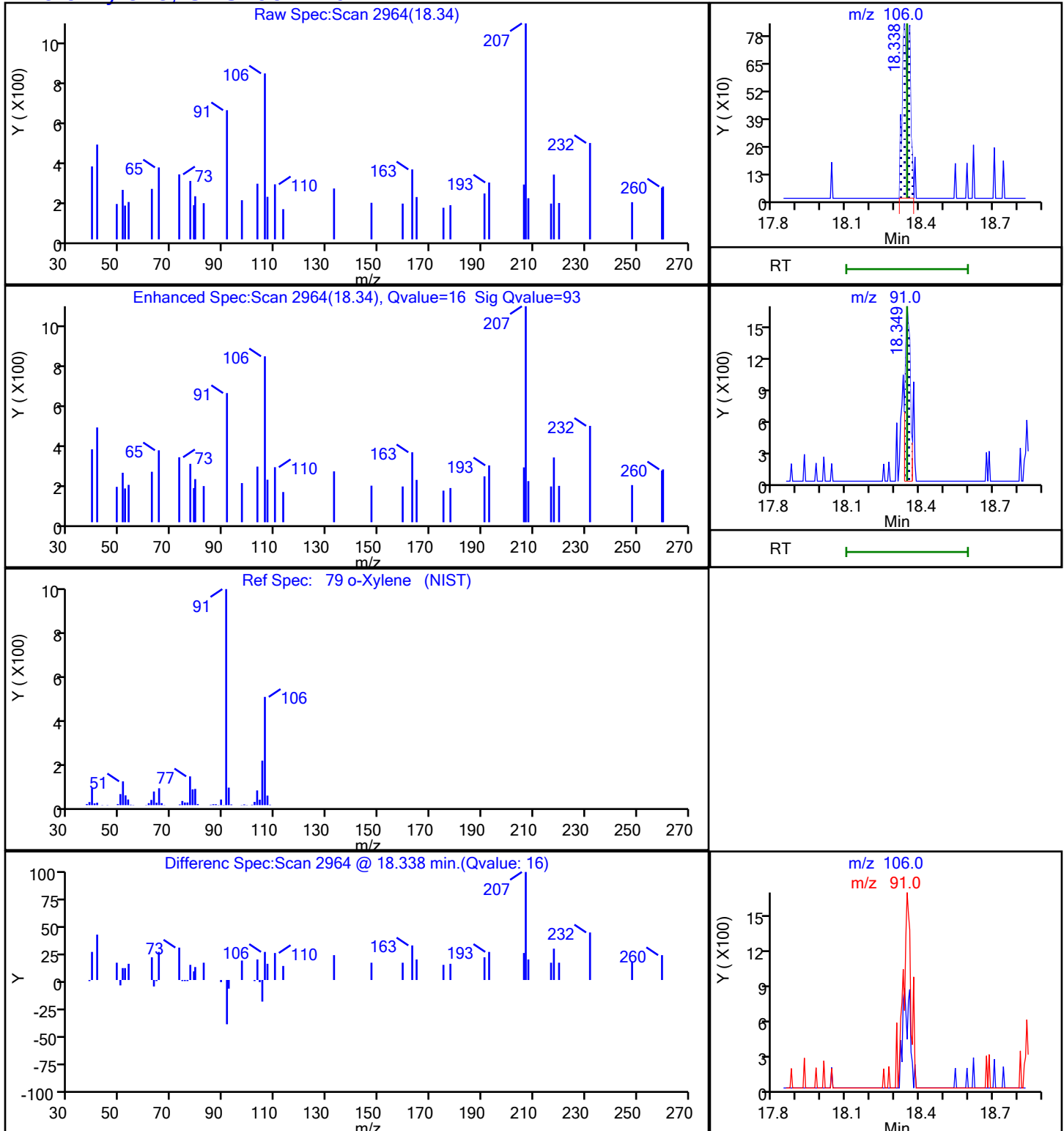
Dil. Factor: 2.0000

Method: TO15\_MasterMethod\_(v1)\_G

Limit Group: AI\_TO15\_ICAL

Column: RTX-624 ( 0.32 mm)

Detector: MS SCAN

**79 o-Xylene, CAS: 95-47-6**

## Eurofins TestAmerica, Burlington

Data File: \\chromfs\Burlington\ChromData\CHG.i\20201221-44158.b\200-44158-010.D

Injection Date: 21-Dec-2020 15:18:30

Instrument ID: CHG.i

Lims ID: 200-56451-A-2

Lab Sample ID: 200-56451-2

Client ID: SG-202

Operator ID: ggg

ALS Bottle#:

9

Worklist Smp#: 10

Purge Vol: 200.000 mL

Dil. Factor: 2.0000

Method: TO15\_MasterMethod\_(v1)\_G

Limit Group: AI\_TO15\_ICAL

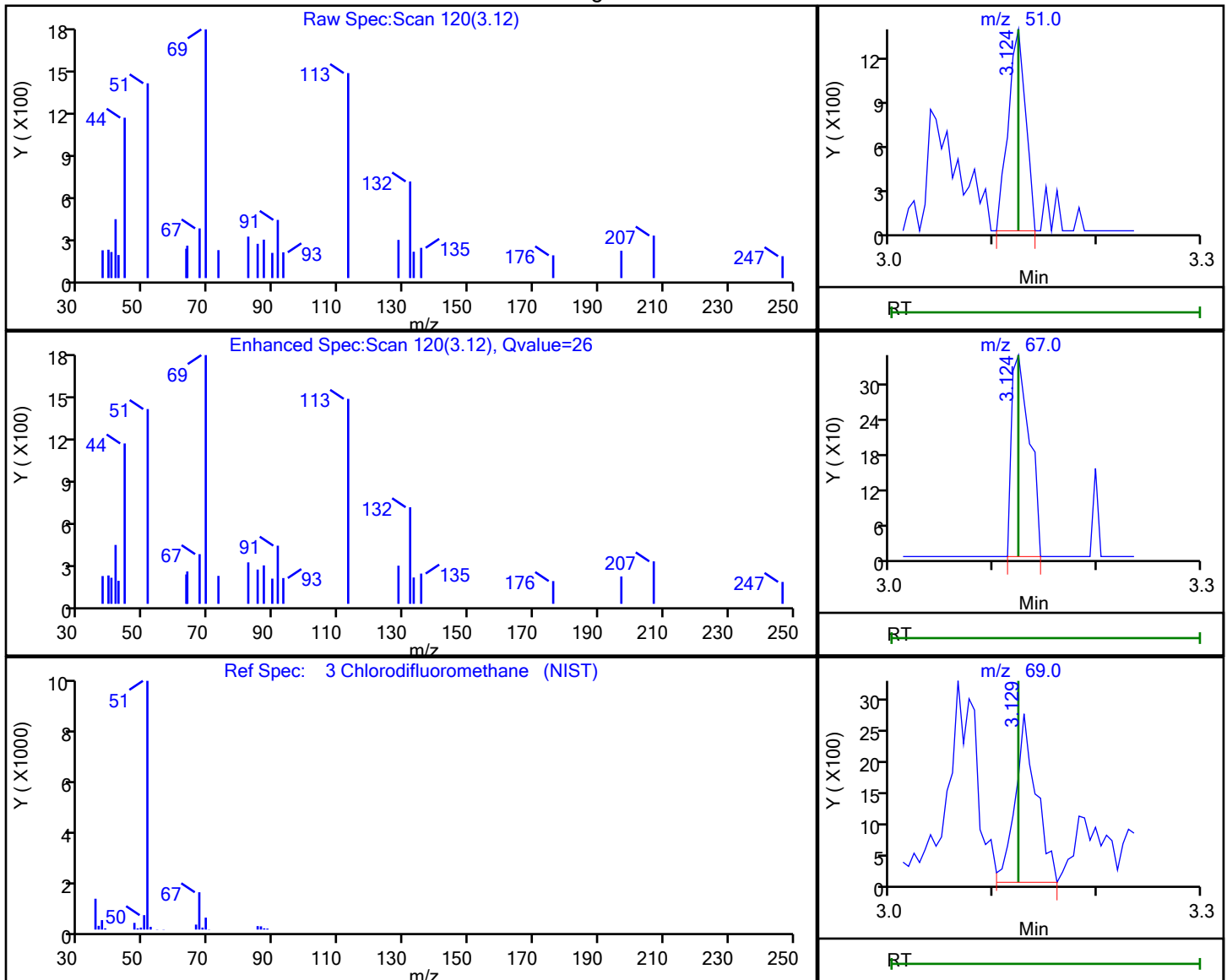
Column: RTX-624 ( 0.32 mm)

Detector

MS SCAN

## 3 Chlorodifluoromethane, CAS: 75-45-6

## Processing Results



| RT   | Mass  | Response | Amount   |
|------|-------|----------|----------|
| 3.12 | 51.00 | 1587     | 0.173062 |
| 3.12 | 67.00 | 418      |          |
| 3.13 | 69.00 | 3926     |          |

Reviewer: bourdeaut, 22-Dec-2020 06:57:05

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

## Eurofins TestAmerica, Burlington

Data File: \\chromfs\Burlington\ChromData\CHG.i\20201221-44158.b\200-44158-010.D

Injection Date: 21-Dec-2020 15:18:30

Instrument ID: CHG.i

Lims ID: 200-56451-A-2

Lab Sample ID: 200-56451-2

Client ID: SG-202

Operator ID: ggg

ALS Bottle#:

9

Worklist Smp#: 10

Purge Vol: 200.000 mL

Dil. Factor: 2.0000

Method: TO15\_MasterMethod\_(v1)\_G

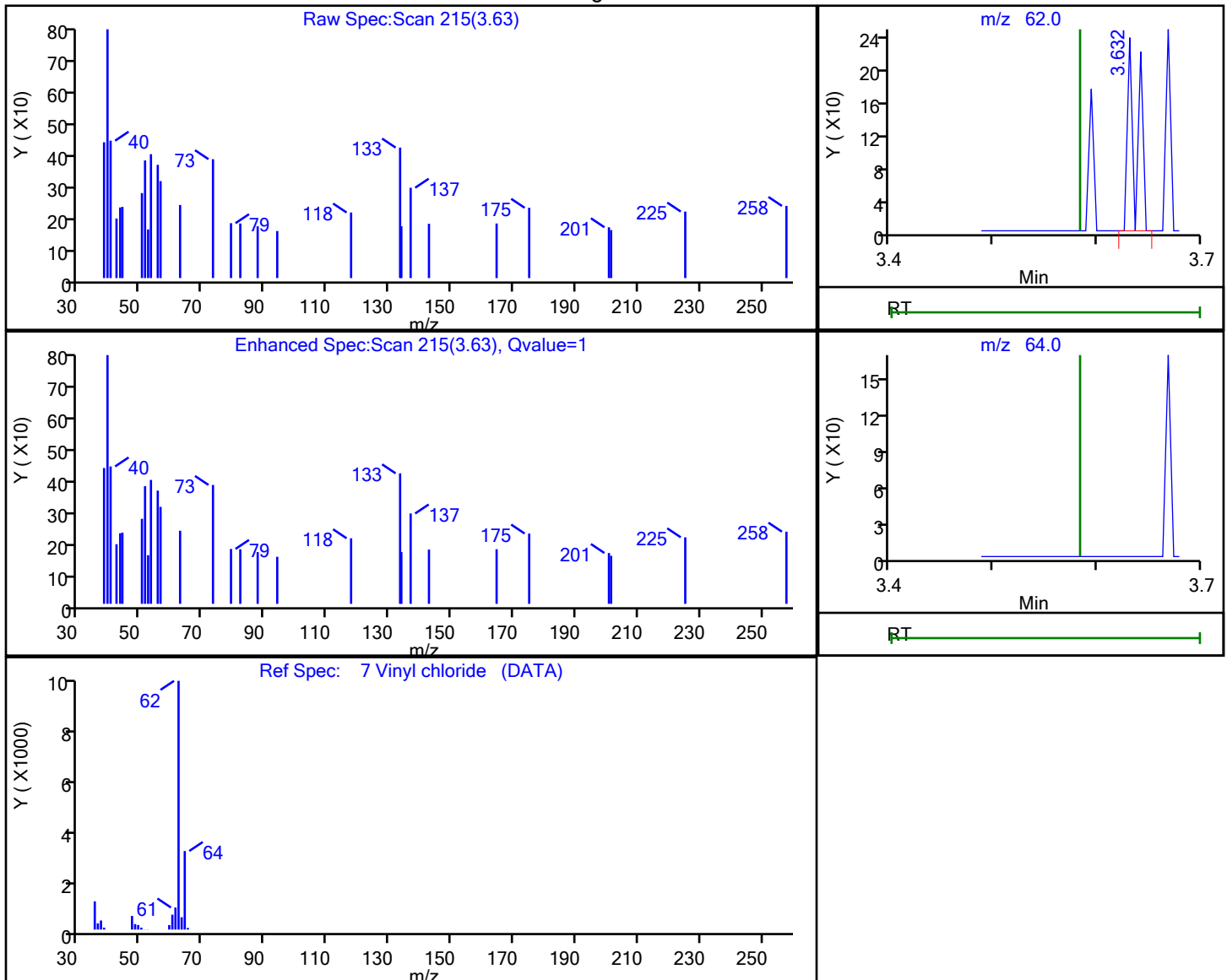
Limit Group: AI\_TO15\_ICAL

Column: RTX-624 ( 0.32 mm)

Detector: MS SCAN

## 7 Vinyl chloride, CAS: 75-01-4

## Processing Results



| RT   | Mass  | Response | Amount   |
|------|-------|----------|----------|
| 3.63 | 62.00 | 144      | 0.031756 |
| 3.58 | 64.00 | 0        |          |

Reviewer: bourdeaut, 22-Dec-2020 06:57:09

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID



## Eurofins TestAmerica, Burlington

Data File: \\chromfs\Burlington\ChromData\CHG.i\20201221-44158.b\200-44158-010.D

Injection Date: 21-Dec-2020 15:18:30

Instrument ID: CHG.i

Lims ID: 200-56451-A-2

Lab Sample ID: 200-56451-2

Client ID: SG-202

Operator ID: ggg

ALS Bottle#:

9

Worklist Smp#: 10

Purge Vol: 200.000 mL

Dil. Factor: 2.0000

Method: TO15\_MasterMethod\_(v1)\_G

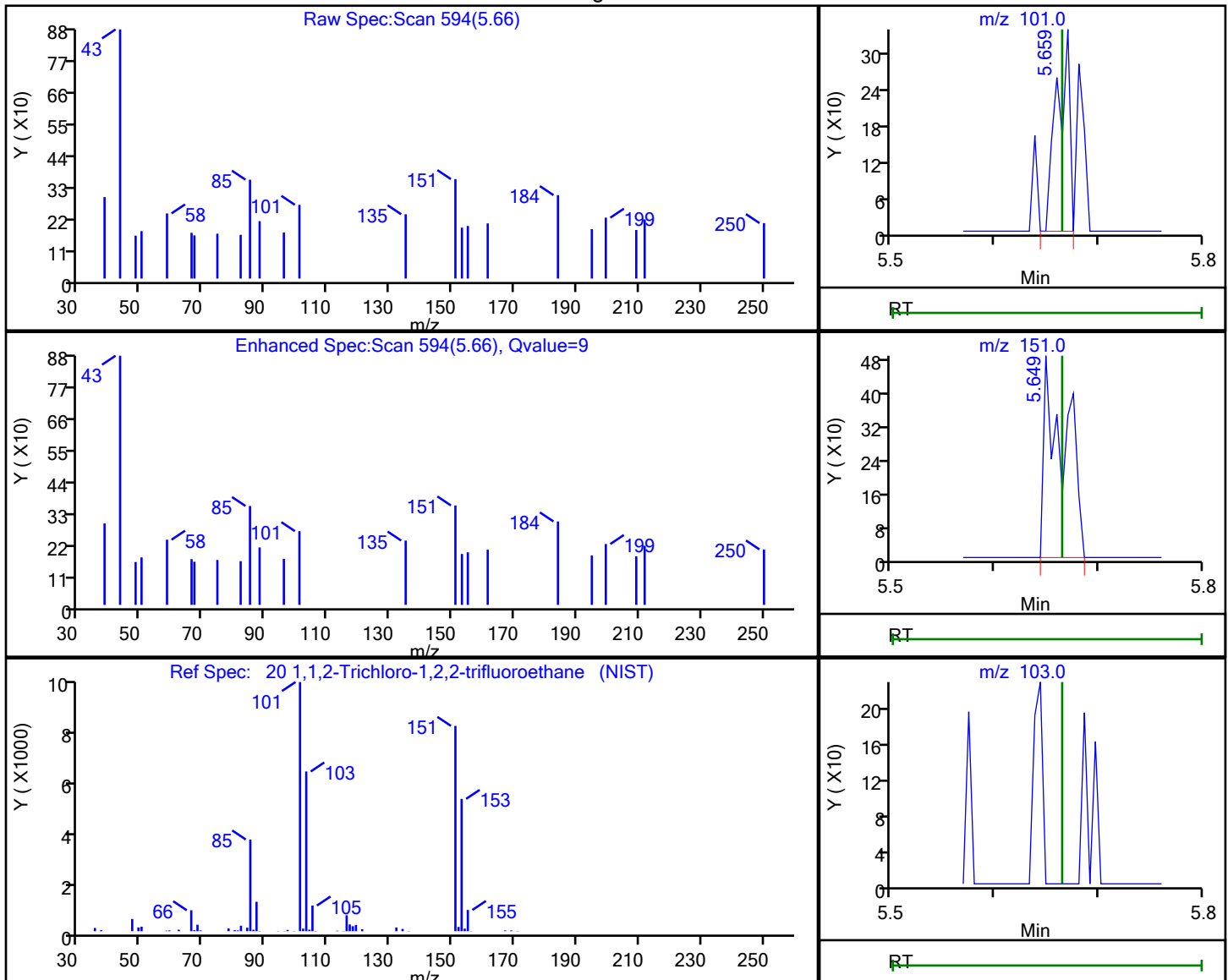
Limit Group: AI\_TO15\_ICAL

Column: RTX-624 ( 0.32 mm)

Detector: MS SCAN

## 20 1,1,2-Trichloro-1,2,2-trifluoroethane, CAS: 76-13-1

## Processing Results



| RT   | Mass   | Response | Amount   |
|------|--------|----------|----------|
| 5.66 | 101.00 | 291      | 0.020735 |
| 5.65 | 151.00 | 684      |          |
| 5.66 | 103.00 | 0        |          |

Reviewer: bourdeaut, 22-Dec-2020 06:57:18

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

## Eurofins TestAmerica, Burlington

Data File: \\chromfs\Burlington\ChromData\CHG.i\20201221-44158.b\200-44158-010.D

Injection Date: 21-Dec-2020 15:18:30

Instrument ID: CHG.i

Lims ID: 200-56451-A-2

Lab Sample ID: 200-56451-2

Client ID: SG-202

Operator ID: ggg

ALS Bottle#:

9

Worklist Smp#: 10

Purge Vol: 200.000 mL

Dil. Factor: 2.0000

Method: TO15\_MasterMethod\_(v1)\_G

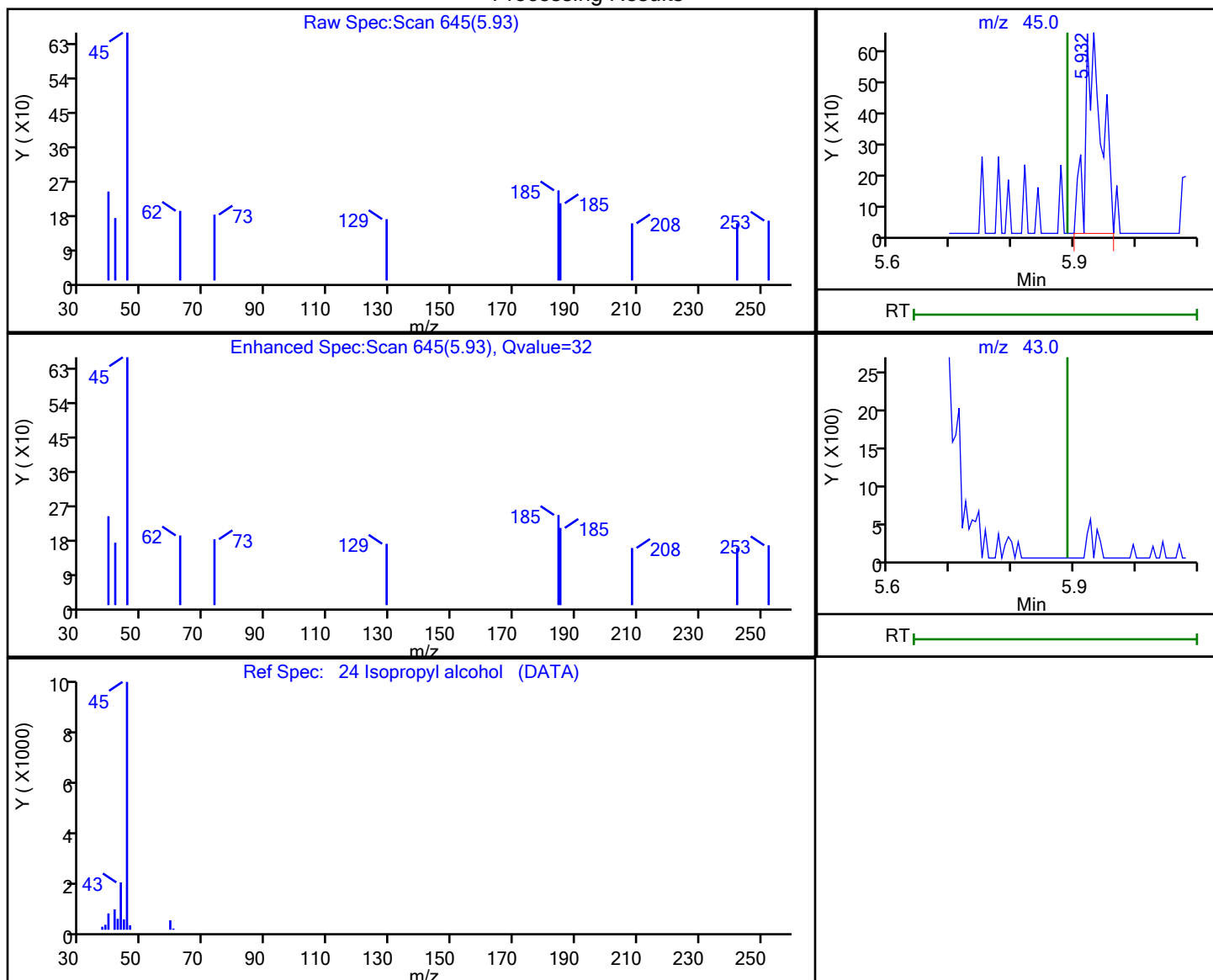
Limit Group: AI\_TO15\_ICAL

Column: RTX-624 ( 0.32 mm)

Detector: MS SCAN

## 24 Isopropyl alcohol, CAS: 67-63-0

## Processing Results



| RT   | Mass  | Response | Amount   |
|------|-------|----------|----------|
| 5.93 | 45.00 | 1217     | 0.181905 |
| 5.89 | 43.00 | 0        |          |

Reviewer: bourdeaut, 22-Dec-2020 06:57:19

Audit Action: Marked Compound Undetected

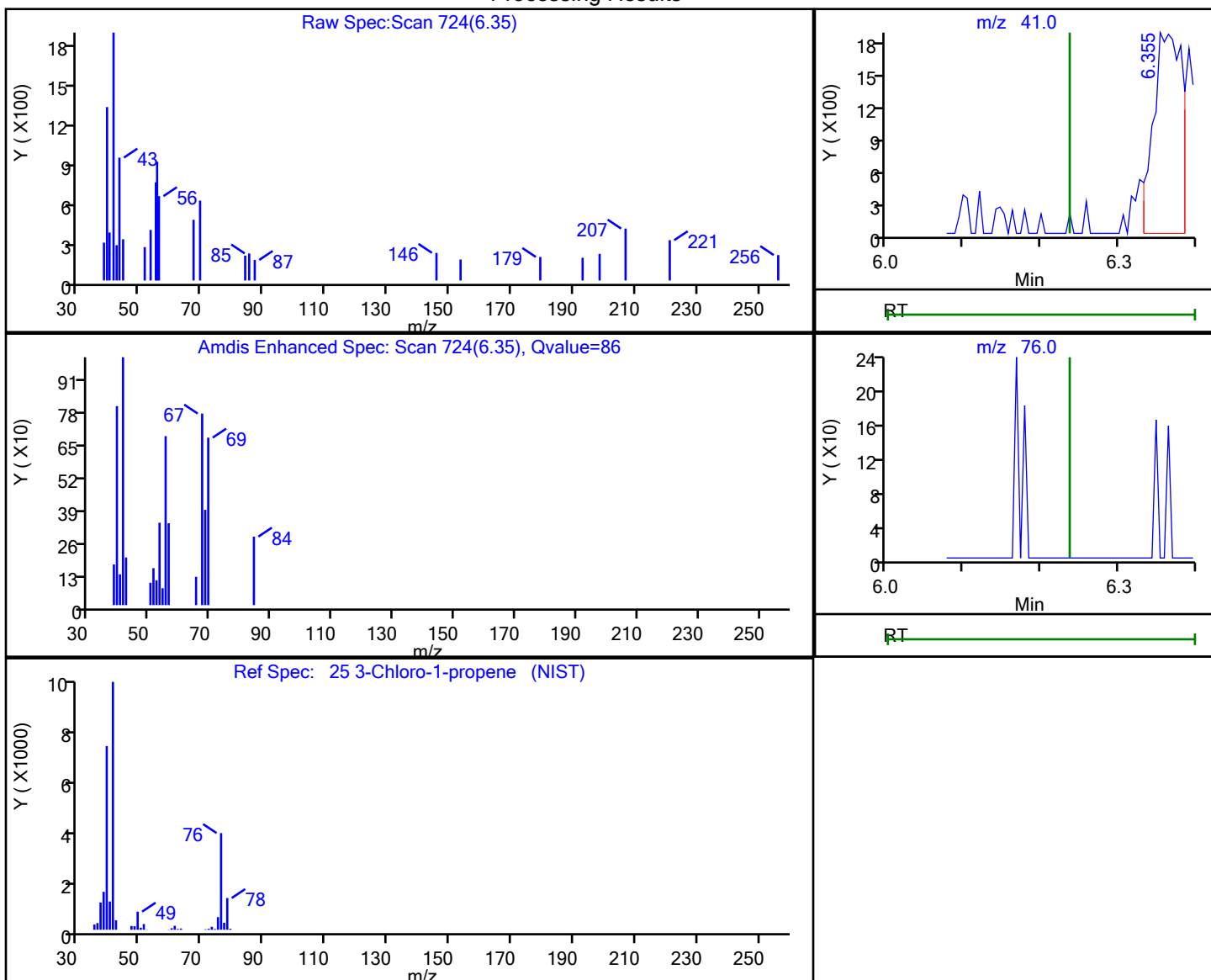
Audit Reason: Invalid Compound ID

## Eurofins TestAmerica, Burlington

Data File: \\chromfs\Burlington\ChromData\CHG.i\20201221-44158.b\200-44158-010.D  
Injection Date: 21-Dec-2020 15:18:30 Instrument ID: CHG.i  
Lims ID: 200-56451-A-2 Lab Sample ID: 200-56451-2  
Client ID: SG-202  
Operator ID: ggg ALS Bottle#: 9 Worklist Smp#: 10  
Purge Vol: 200.000 mL Dil. Factor: 2.0000  
Method: TO15\_MasterMethod\_(v1)\_G Limit Group: AI\_TO15\_ICAL  
Column: RTX-624 ( 0.32 mm) Detector: MS SCAN

## 25 3-Chloro-1-propene, CAS: 107-05-1

## Processing Results



| RT   | Mass  | Response | Amount   |
|------|-------|----------|----------|
| 6.35 | 41.00 | 4784     | 0.884509 |
| 6.24 | 76.00 | 0        |          |

Reviewer: bourdeaut, 22-Dec-2020 06:57:21

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

## Eurofins TestAmerica, Burlington

Data File: \\chromfs\Burlington\ChromData\CHG.i\20201221-44158.b\200-44158-010.D

Injection Date: 21-Dec-2020 15:18:30

Instrument ID: CHG.i

Lims ID: 200-56451-A-2

Lab Sample ID: 200-56451-2

Client ID: SG-202

Operator ID: ggg

ALS Bottle#:

9

Worklist Smp#: 10

Purge Vol: 200.000 mL

Dil. Factor: 2.0000

Method: TO15\_MasterMethod\_(v1)\_G

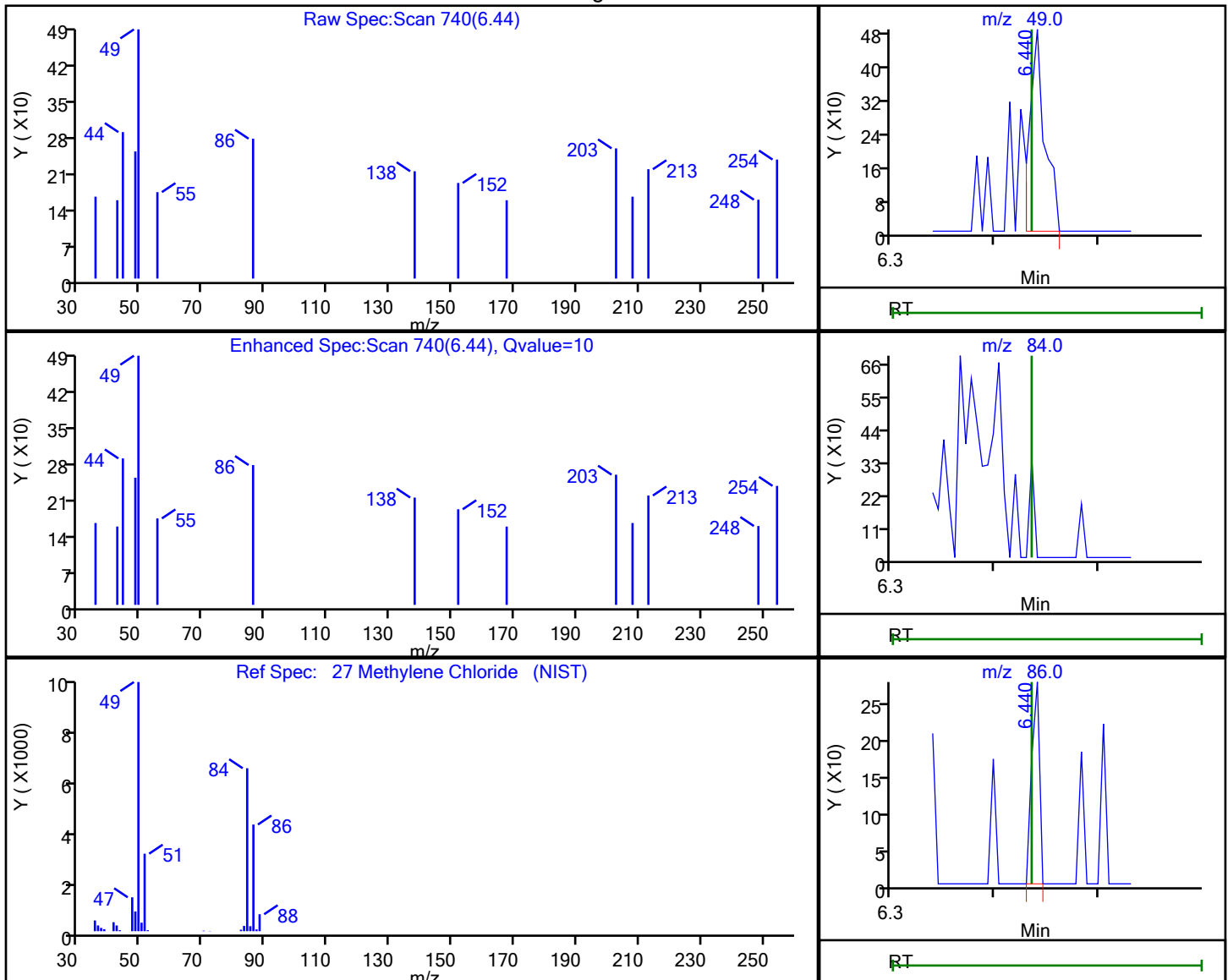
Limit Group: AI\_TO15\_ICAL

Column: RTX-624 ( 0.32 mm)

Detector: MS SCAN

## 27 Methylene Chloride, CAS: 75-09-2

## Processing Results



| RT   | Mass  | Response | Amount   |
|------|-------|----------|----------|
| 6.44 | 49.00 | 492      | 0.078253 |
| 6.43 | 84.00 | 0        |          |
| 6.44 | 86.00 | 144      |          |

Reviewer: bourdeaut, 22-Dec-2020 06:57:23

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

## Eurofins TestAmerica, Burlington

Data File: \\chromfs\Burlington\ChromData\CHG.i\20201221-44158.b\200-44158-010.D

Injection Date: 21-Dec-2020 15:18:30

Instrument ID: CHG.i

Lims ID: 200-56451-A-2

Lab Sample ID: 200-56451-2

Client ID: SG-202

Operator ID: ggg

ALS Bottle#:

9

Worklist Smp#: 10

Purge Vol: 200.000 mL

Dil. Factor: 2.0000

Method: TO15\_MasterMethod\_(v1)\_G

Limit Group: AI\_TO15\_ICAL

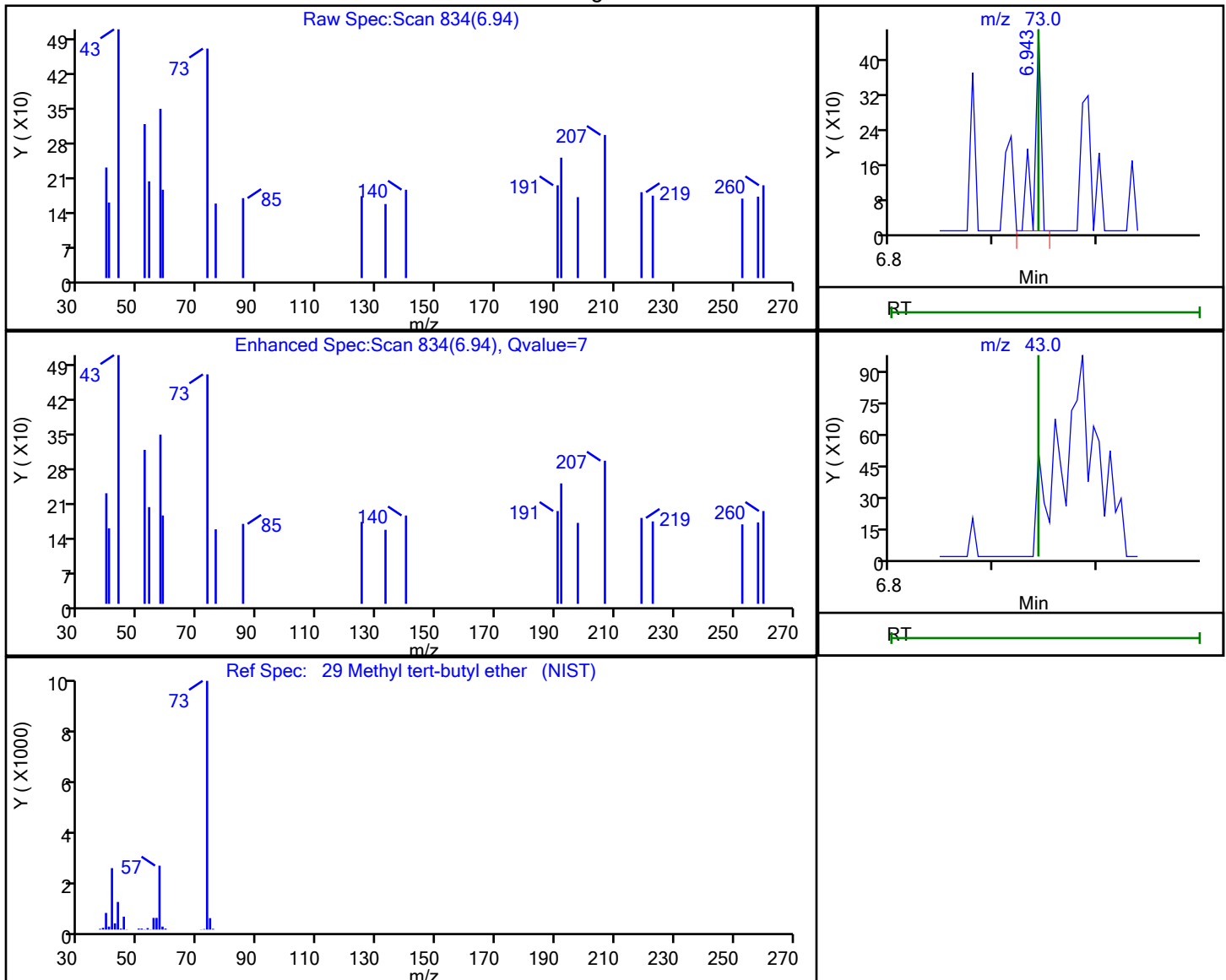
Column: RTX-624 ( 0.32 mm)

Detector

MS SCAN

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

## Processing Results



| RT   | Mass  | Response | Amount   |
|------|-------|----------|----------|
| 6.94 | 73.00 | 210      | 0.016570 |
| 6.94 | 43.00 | 0        |          |

Reviewer: bourdeaut, 22-Dec-2020 06:57:27

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

## Eurofins TestAmerica, Burlington

Data File: \\chromfs\Burlington\ChromData\CHG.i\20201221-44158.b\200-44158-010.D

Injection Date: 21-Dec-2020 15:18:30

Instrument ID: CHG.i

Lims ID: 200-56451-A-2

Lab Sample ID: 200-56451-2

Client ID: SG-202

Operator ID: ggg

ALS Bottle#:

9

Worklist Smp#: 10

Purge Vol: 200.000 mL

Dil. Factor: 2.0000

Method: TO15\_MasterMethod\_(v1)\_G

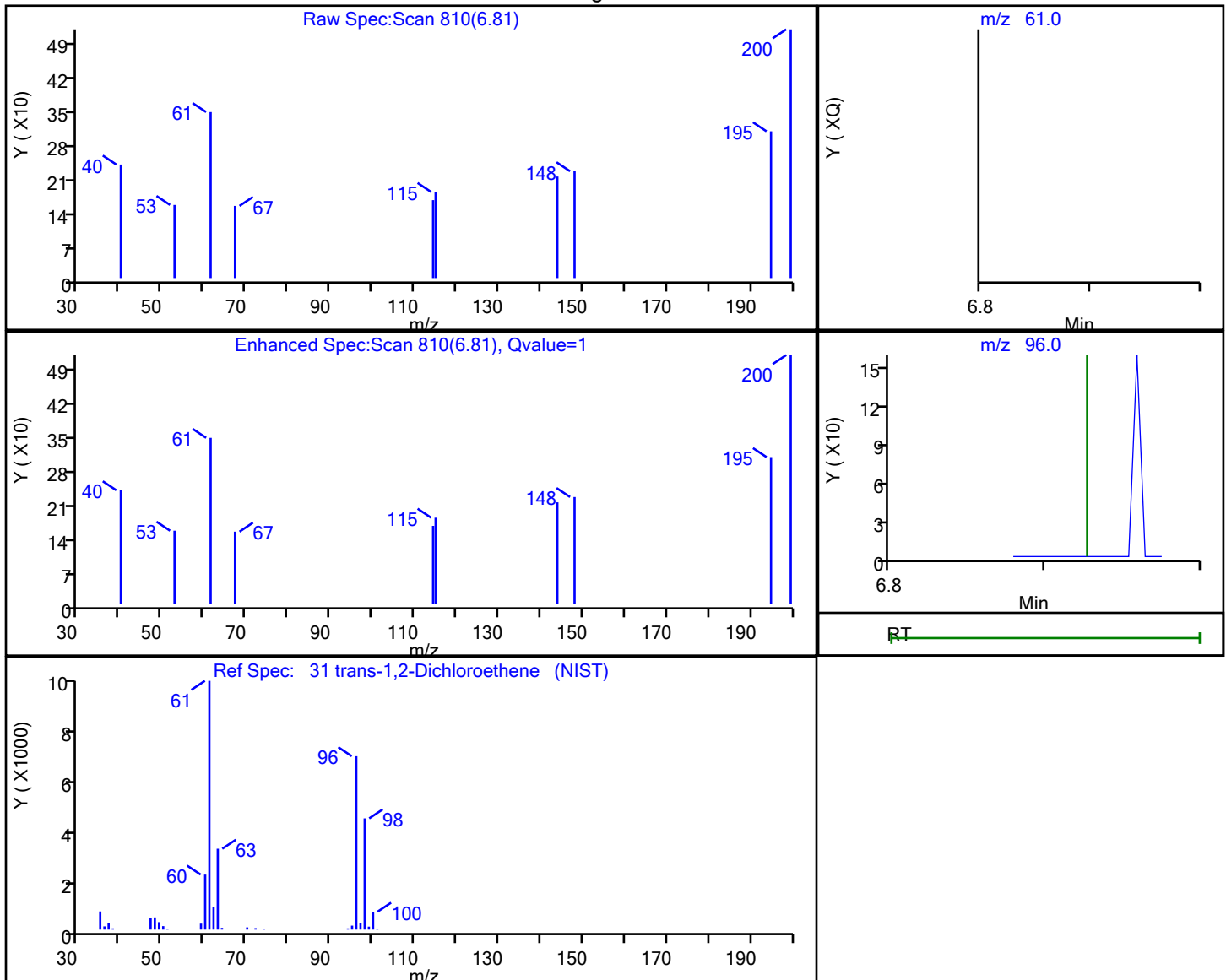
Limit Group: AI\_TO15\_ICAL

Column: RTX-624 ( 0.32 mm)

Detector: MS SCAN

## 31 trans-1,2-Dichloroethene, CAS: 156-60-5

## Processing Results



| RT   | Mass  | Response | Amount   |
|------|-------|----------|----------|
| 6.81 | 61.00 | 165      | 0.018980 |
| 6.93 | 96.00 | 0        |          |

Reviewer: bourdeaut, 22-Dec-2020 06:57:25

Audit Action: Marked Compound Undetected

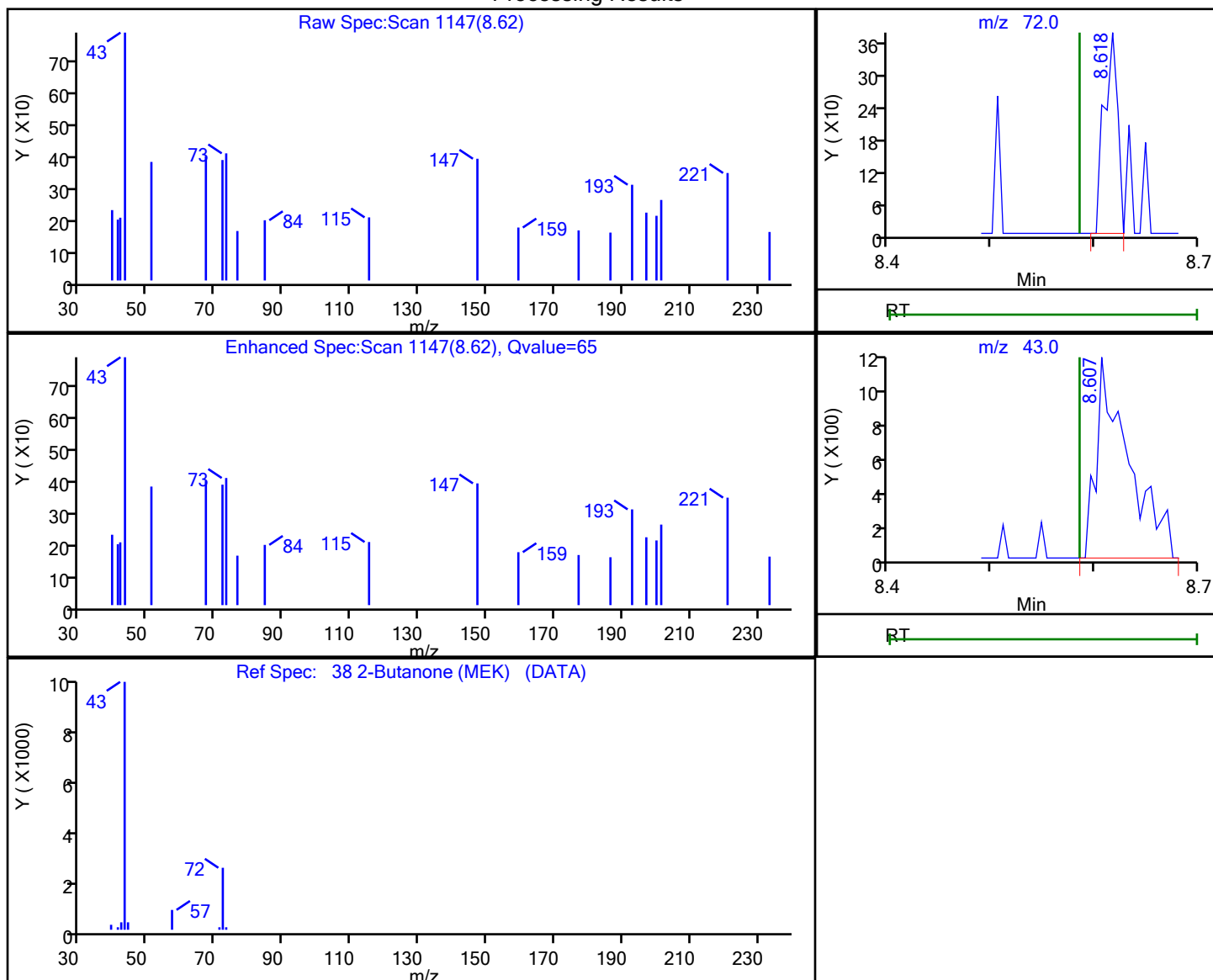
Audit Reason: Invalid Compound ID

## Eurofins TestAmerica, Burlington

Data File: \\chromfs\Burlington\ChromData\CHG.i\20201221-44158.b\200-44158-010.D  
Injection Date: 21-Dec-2020 15:18:30 Instrument ID: CHG.i  
Lims ID: 200-56451-A-2 Lab Sample ID: 200-56451-2  
Client ID: SG-202  
Operator ID: ggg ALS Bottle#: 9 Worklist Smp#: 10  
Purge Vol: 200.000 mL Dil. Factor: 2.0000  
Method: TO15\_MasterMethod\_(v1)\_G Limit Group: AI\_TO15\_ICAL  
Column: RTX-624 ( 0.32 mm) Detector: MS SCAN

## 38 2-Butanone (MEK), CAS: 78-93-3

## Processing Results



| RT   | Mass  | Response | Amount   |
|------|-------|----------|----------|
| 8.62 | 72.00 | 348      | 0.168400 |
| 8.61 | 43.00 | 2520     |          |

Reviewer: bourdeaut, 22-Dec-2020 06:57:30

Audit Action: Marked Compound Undetected

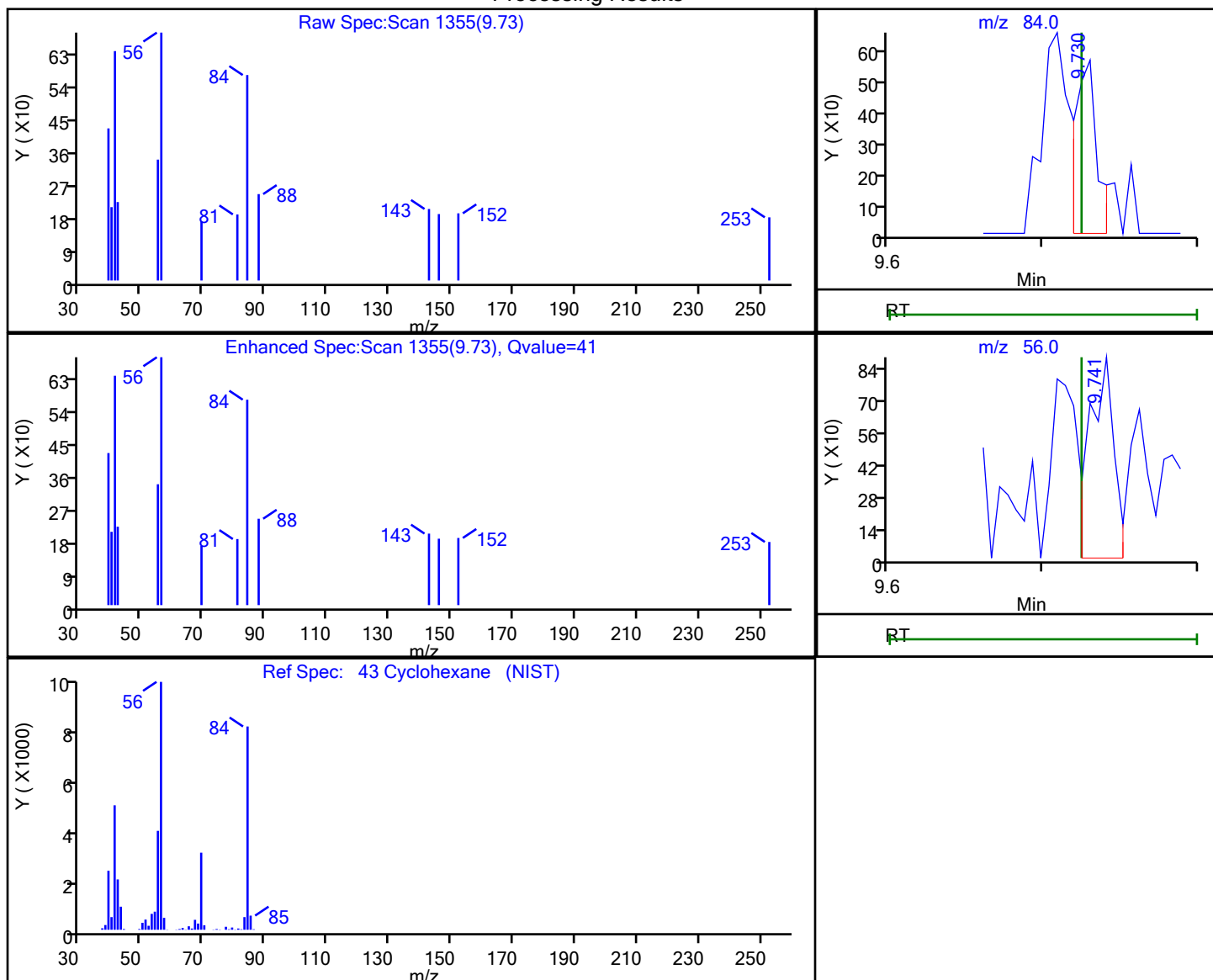
Audit Reason: Invalid Compound ID

## Eurofins TestAmerica, Burlington

Data File: \\chromfs\Burlington\ChromData\CHG.i\20201221-44158.b\200-44158-010.D  
Injection Date: 21-Dec-2020 15:18:30 Instrument ID: CHG.i  
Lims ID: 200-56451-A-2 Lab Sample ID: 200-56451-2  
Client ID: SG-202  
Operator ID: ggg ALS Bottle#: 9 Worklist Smp#: 10  
Purge Vol: 200.000 mL Dil. Factor: 2.0000  
Method: TO15\_MasterMethod\_(v1)\_G Limit Group: AI\_TO15\_ICAL  
Column: RTX-624 ( 0.32 mm) Detector: MS SCAN

## 43 Cyclohexane, CAS: 110-82-7

## Processing Results



| RT   | Mass  | Response | Amount   |
|------|-------|----------|----------|
| 9.73 | 84.00 | 565      | 0.072866 |
| 9.74 | 56.00 | 1000     |          |

Reviewer: bourdeaut, 22-Dec-2020 06:57:33

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID



## Eurofins TestAmerica, Burlington

Data File: \\chromfs\Burlington\ChromData\CHG.i\20201221-44158.b\200-44158-010.D

Injection Date: 21-Dec-2020 15:18:30

Instrument ID: CHG.i

Lims ID: 200-56451-A-2

Lab Sample ID: 200-56451-2

Client ID: SG-202

Operator ID: ggg

ALS Bottle#:

9

Worklist Smp#: 10

Purge Vol: 200.000 mL

Dil. Factor: 2.0000

Method: TO15\_MasterMethod\_(v1)\_G

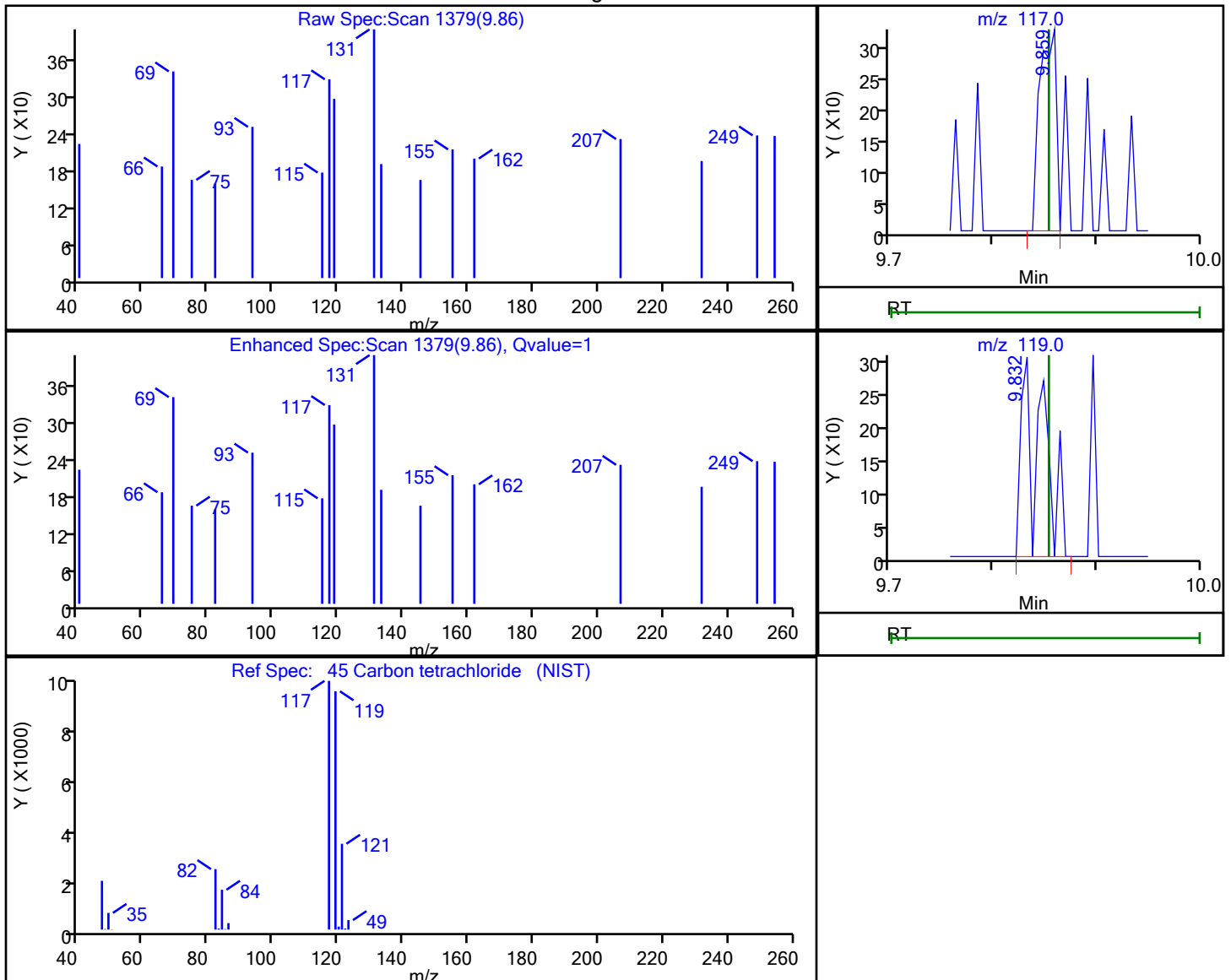
Limit Group: AI\_TO15\_ICAL

Column: RTX-624 ( 0.32 mm)

Detector: MS SCAN

## 45 Carbon tetrachloride, CAS: 56-23-5

## Processing Results



| RT   | Mass   | Response | Amount   |
|------|--------|----------|----------|
| 9.86 | 117.00 | 359      | 0.017633 |
| 9.83 | 119.00 | 443      |          |

Reviewer: bourdeaut, 22-Dec-2020 06:57:34

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

## Eurofins TestAmerica, Burlington

Data File: \\chromfs\Burlington\ChromData\CHG.i\20201221-44158.b\200-44158-010.D

Injection Date: 21-Dec-2020 15:18:30

Instrument ID: CHG.i

Lims ID: 200-56451-A-2

Lab Sample ID: 200-56451-2

Client ID: SG-202

Operator ID: ggg

ALS Bottle#: 9 Worklist Smp#: 10

Purge Vol: 200.000 mL

Dil. Factor: 2.0000

Method: TO15\_MasterMethod\_(v1)\_G

Limit Group: AI\_TO15\_ICAL

Column: RTX-624 ( 0.32 mm)

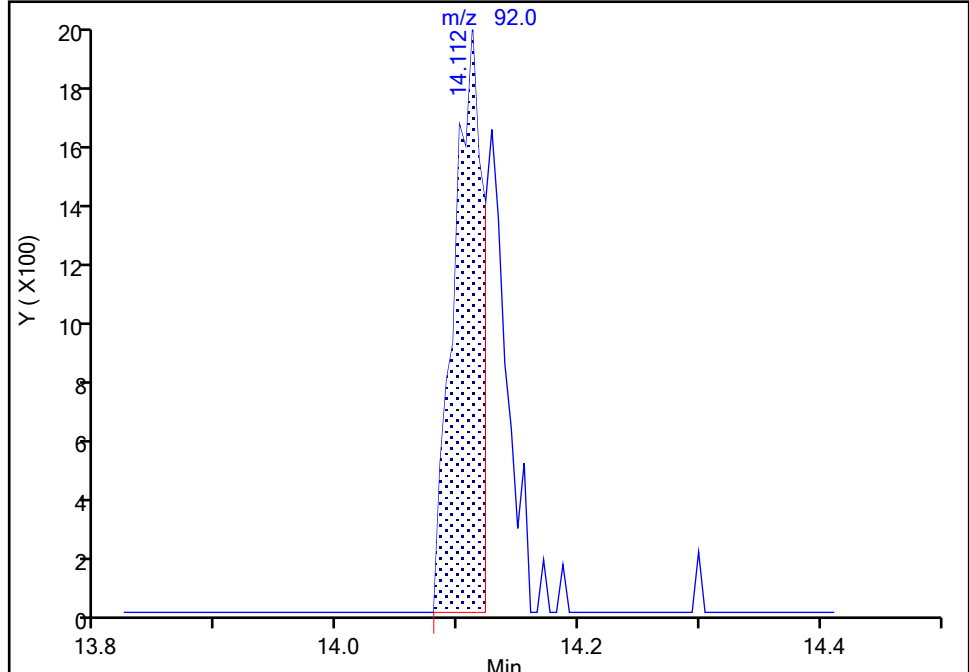
Detector: MS SCAN

**65 Toluene, CAS: 108-88-3**

Signal: 1

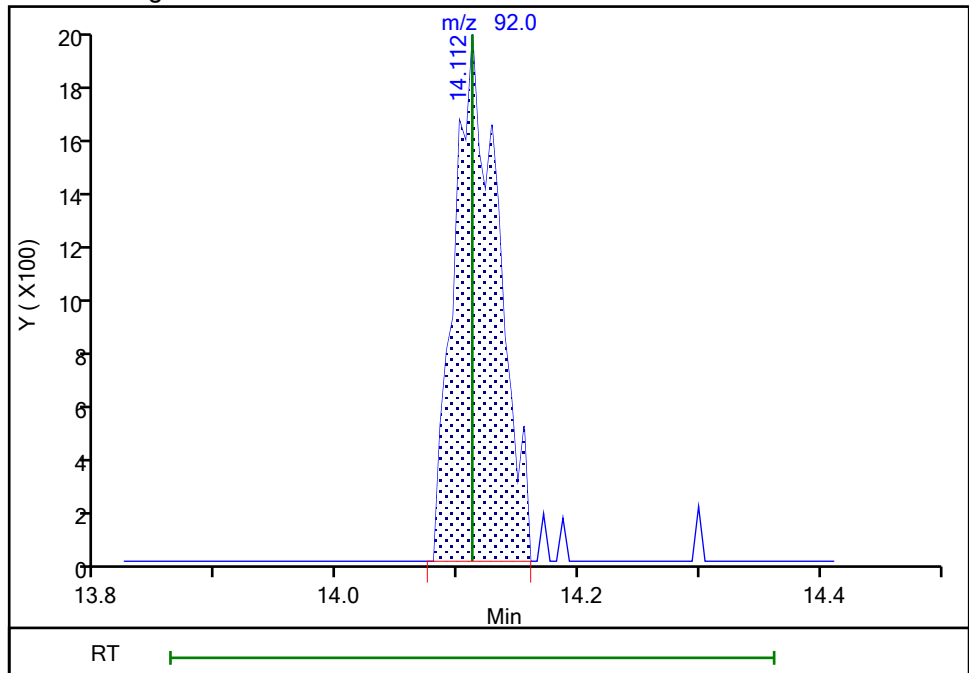
RT: 14.11  
Area: 3217  
Amount: 0.200032  
Amount Units: ppb v/v

## Processing Integration Results



RT: 14.11  
Area: 4845  
Amount: 0.301261  
Amount Units: ppb v/v

## Manual Integration Results



Reviewer: bourdeaut, 22-Dec-2020 06:58:00

Audit Action: Manually Integrated

Audit Reason: Baseline

## Eurofins TestAmerica, Burlington

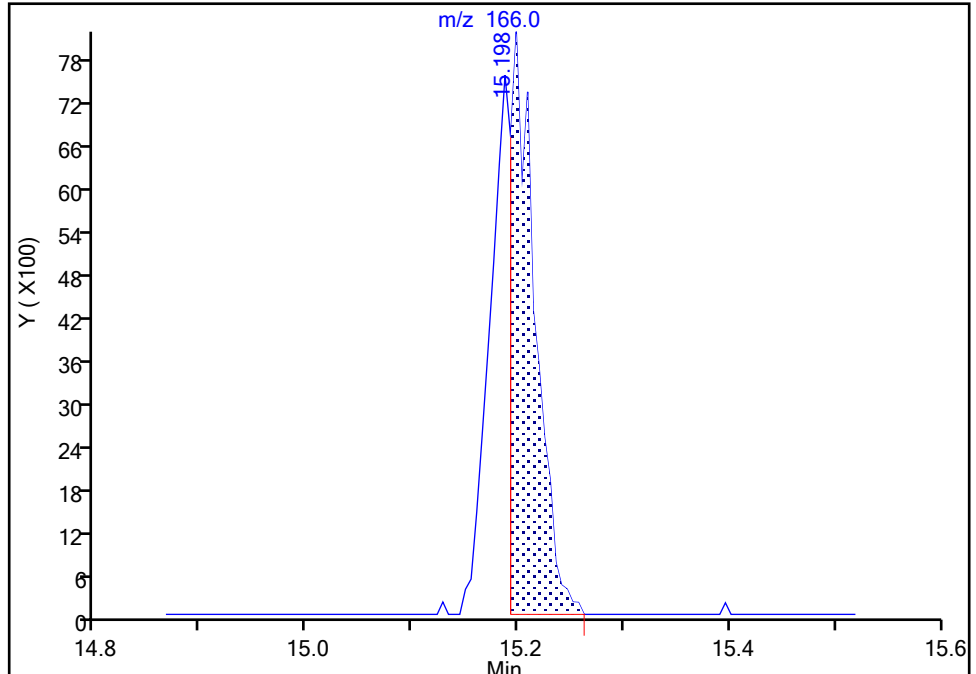
Data File: \\chromfs\Burlington\ChromData\CHG.i\20201221-44158.b\200-44158-010.D  
Injection Date: 21-Dec-2020 15:18:30 Instrument ID: CHG.i  
Lims ID: 200-56451-A-2 Lab Sample ID: 200-56451-2  
Client ID: SG-202  
Operator ID: ggg ALS Bottle#: 9 Worklist Smp#: 10  
Purge Vol: 200.000 mL Dil. Factor: 2.0000  
Method: TO15\_MasterMethod\_(v1)\_G Limit Group: AI\_TO15\_ICAL  
Column: RTX-624 ( 0.32 mm) Detector: MS SCAN

**68 Tetrachloroethene, CAS: 127-18-4**

Signal: 1

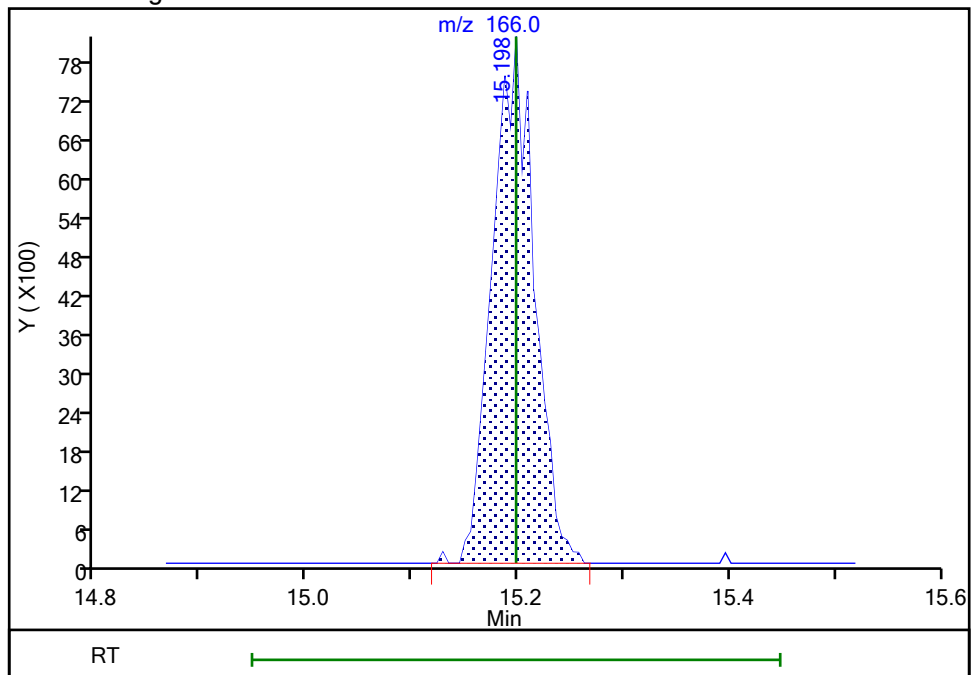
RT: 15.20  
Area: 13471  
Amount: 0.765305  
Amount Units: ppb v/v

## Processing Integration Results



RT: 15.20  
Area: 22279  
Amount: 1.265699  
Amount Units: ppb v/v

## Manual Integration Results



Reviewer: bourdeaut, 22-Dec-2020 06:57:54

Audit Action: Manually Integrated

Audit Reason: Baseline

## Eurofins TestAmerica, Burlington

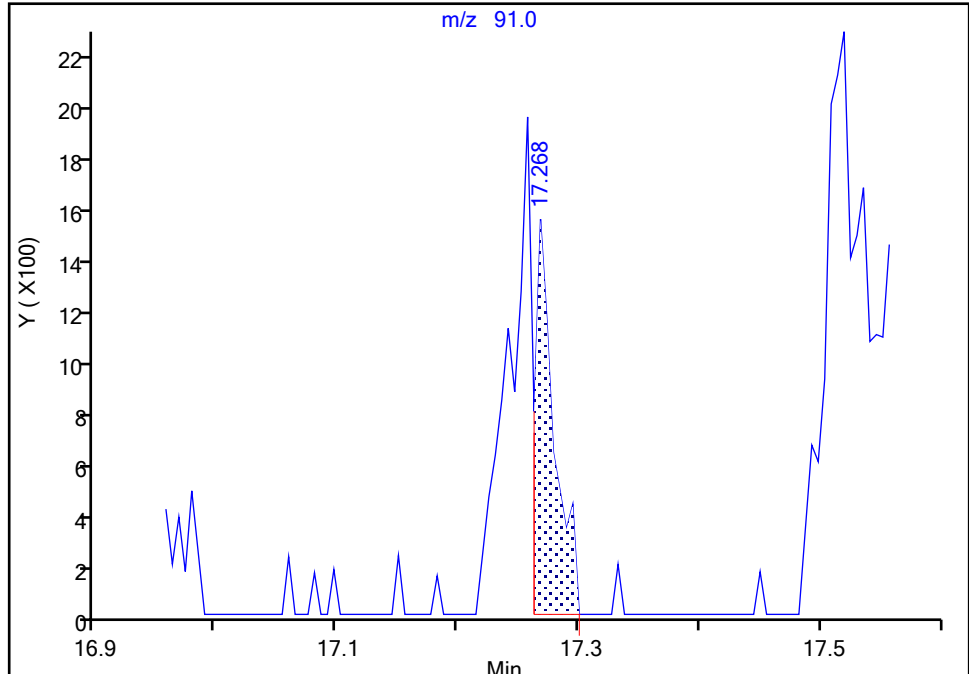
Data File: \\chromfs\Burlington\ChromData\CHG.i\20201221-44158.b\200-44158-010.D  
Injection Date: 21-Dec-2020 15:18:30 Instrument ID: CHG.i  
Lims ID: 200-56451-A-2 Lab Sample ID: 200-56451-2  
Client ID: SG-202  
Operator ID: ggg ALS Bottle#: 9 Worklist Smp#: 10  
Purge Vol: 200.000 mL Dil. Factor: 2.0000  
Method: TO15\_MasterMethod\_(v1)\_G Limit Group: AI\_TO15\_ICAL  
Column: RTX-624 ( 0.32 mm) Detector: MS SCAN

**76 Ethylbenzene, CAS: 100-41-4**

Signal: 1

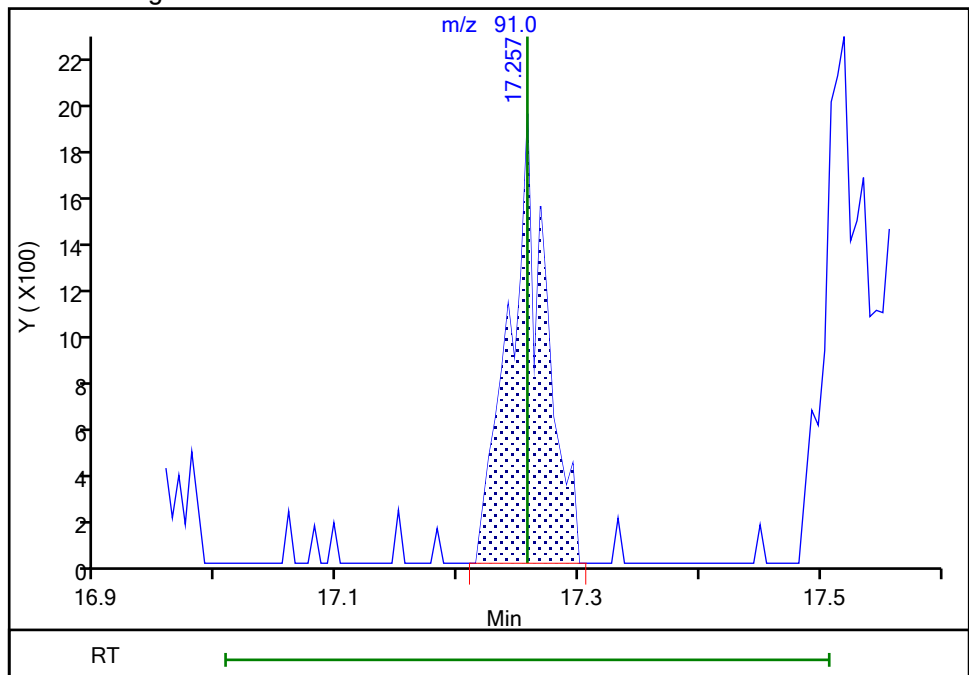
RT: 17.27  
Area: 1738  
Amount: 0.047826  
Amount Units: ppb v/v

## Processing Integration Results



RT: 17.26  
Area: 4115  
Amount: 0.113236  
Amount Units: ppb v/v

## Manual Integration Results



Reviewer: bourdeaut, 22-Dec-2020 06:58:08

Audit Action: Manually Integrated

Audit Reason: Baseline

## Eurofins TestAmerica, Burlington

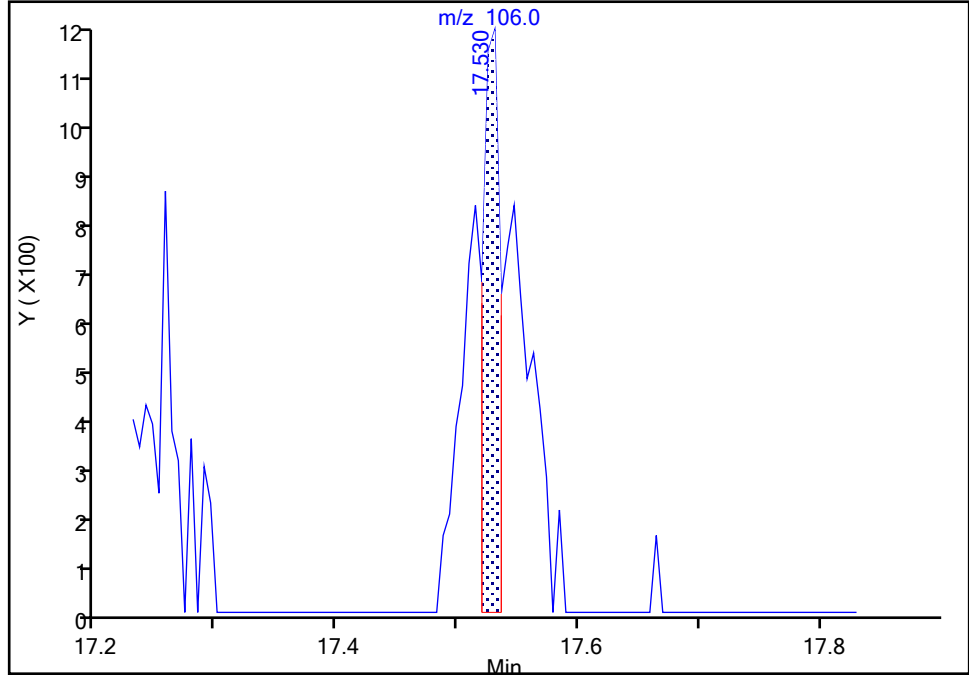
Data File: \\chromfs\Burlington\ChromData\CHG.i\20201221-44158.b\200-44158-010.D  
Injection Date: 21-Dec-2020 15:18:30 Instrument ID: CHG.i  
Lims ID: 200-56451-A-2 Lab Sample ID: 200-56451-2  
Client ID: SG-202  
Operator ID: ggg ALS Bottle#: 9 Worklist Smp#: 10  
Purge Vol: 200.000 mL Dil. Factor: 2.0000  
Method: TO15\_MasterMethod\_(v1)\_G Limit Group: AI\_TO15\_ICAL  
Column: RTX-624 ( 0.32 mm) Detector: MS SCAN

**78 m-Xylene & p-Xylene, CAS: 179601-23-1**

Signal: 1

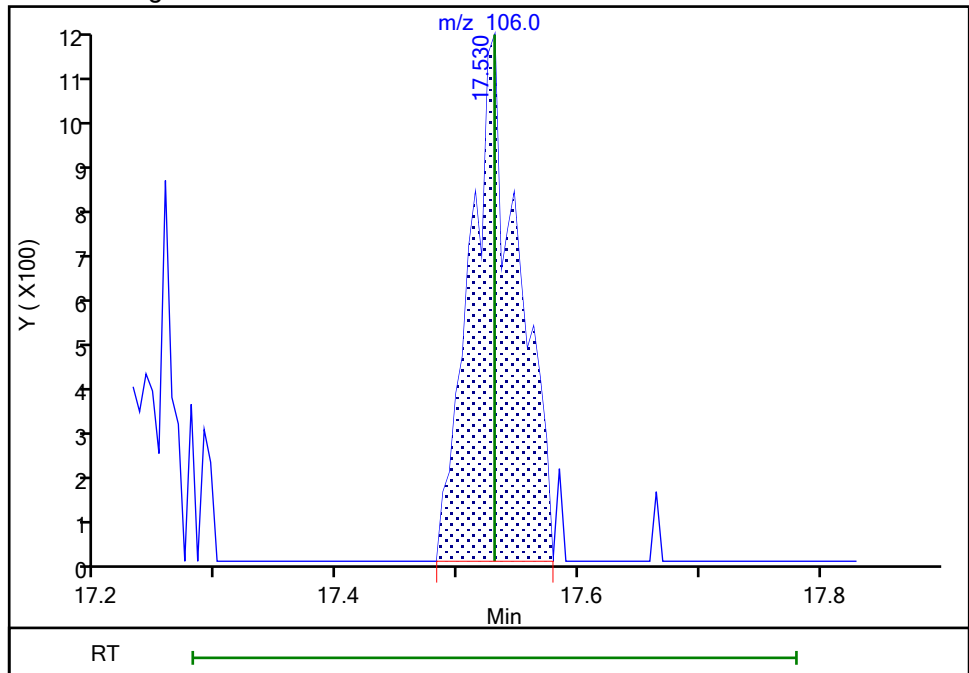
RT: 17.53  
Area: 1130  
Amount: 0.086006  
Amount Units: ppb v/v

## Processing Integration Results



RT: 17.53  
Area: 3188  
Amount: 0.242642  
Amount Units: ppb v/v

## Manual Integration Results



Reviewer: bourdeaut, 22-Dec-2020 06:58:13

Audit Action: Manually Integrated

Audit Reason: Baseline

## Eurofins TestAmerica, Burlington

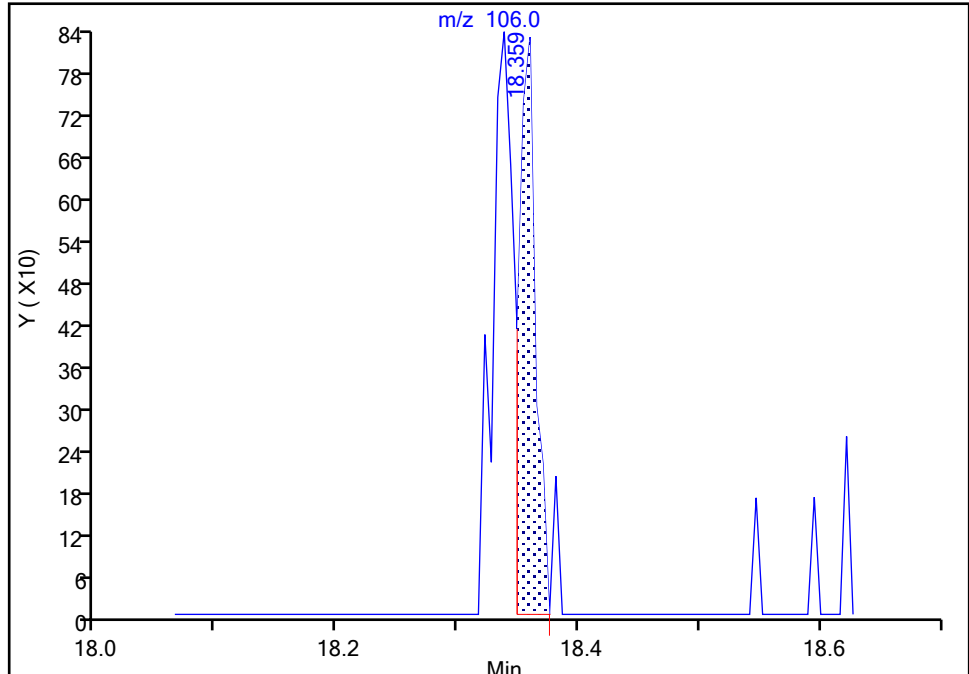
Data File: \\chromfs\Burlington\ChromData\CHG.i\20201221-44158.b\200-44158-010.D  
Injection Date: 21-Dec-2020 15:18:30 Instrument ID: CHG.i  
Lims ID: 200-56451-A-2 Lab Sample ID: 200-56451-2  
Client ID: SG-202  
Operator ID: ggg ALS Bottle#: 9 Worklist Smp#: 10  
Purge Vol: 200.000 mL Dil. Factor: 2.0000  
Method: TO15\_MasterMethod\_(v1)\_G Limit Group: AI\_TO15\_ICAL  
Column: RTX-624 ( 0.32 mm) Detector: MS SCAN

**79 o-Xylene, CAS: 95-47-6**

Signal: 1

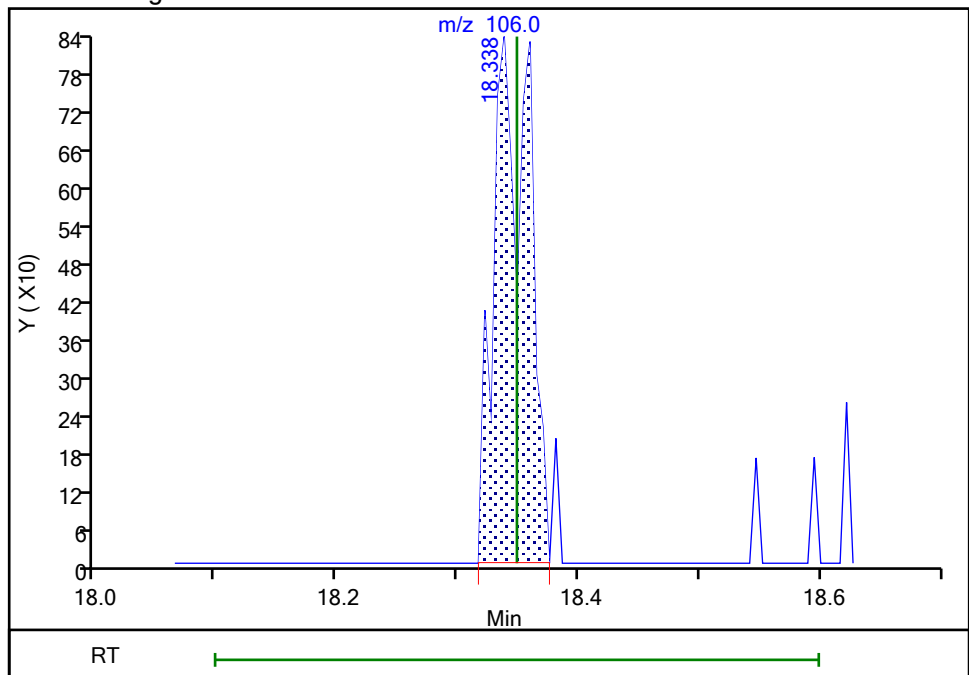
RT: 18.36  
Area: 797  
Amount: 0.058957  
Amount Units: ppb v/v

## Processing Integration Results



RT: 18.34  
Area: 1704  
Amount: 0.126052  
Amount Units: ppb v/v

## Manual Integration Results



Reviewer: puangmaleek, 22-Dec-2020 09:35:55

Audit Action: Manually Integrated

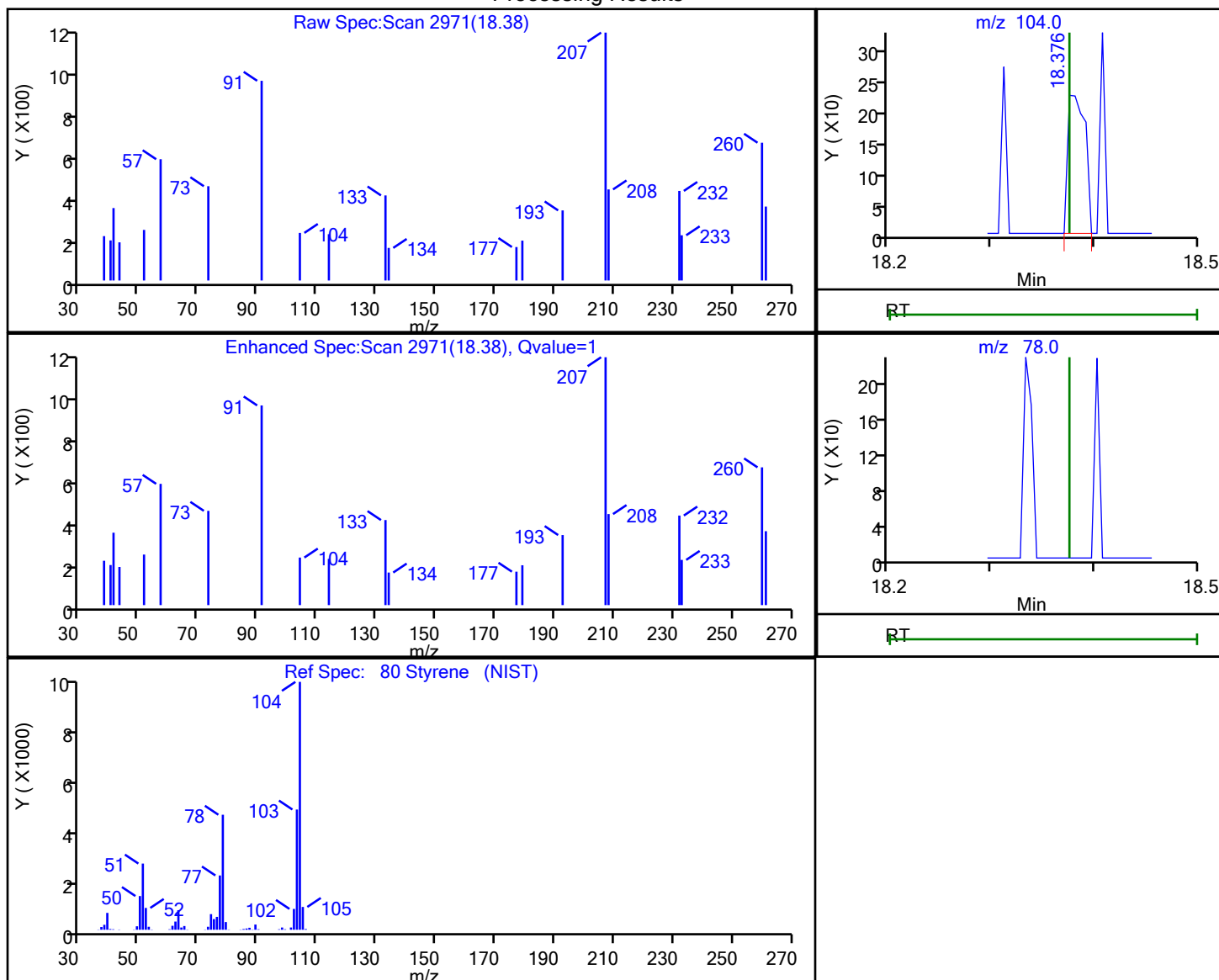
Audit Reason: Assign Peak

## Eurofins TestAmerica, Burlington

Data File: \\chromfs\Burlington\ChromData\CHG.i\20201221-44158.b\200-44158-010.D  
Injection Date: 21-Dec-2020 15:18:30 Instrument ID: CHG.i  
Lims ID: 200-56451-A-2 Lab Sample ID: 200-56451-2  
Client ID: SG-202  
Operator ID: ggg ALS Bottle#: 9 Worklist Smp#: 10  
Purge Vol: 200.000 mL Dil. Factor: 2.0000  
Method: TO15\_MasterMethod\_(v1)\_G Limit Group: AI\_TO15\_ICAL  
Column: RTX-624 ( 0.32 mm) Detector: MS SCAN

## 80 Styrene, CAS: 100-42-5

## Processing Results



| RT    | Mass   | Response | Amount   |
|-------|--------|----------|----------|
| 18.38 | 104.00 | 262      | 0.013057 |
| 18.38 | 78.00  | 0        |          |

Reviewer: puangmaleek, 22-Dec-2020 09:36:06

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

## Eurofins TestAmerica, Burlington

Data File: \\chromfs\Burlington\ChromData\CHG.i\20201221-44158.b\200-44158-010.D

Injection Date: 21-Dec-2020 15:18:30

Instrument ID: CHG.i

Lims ID: 200-56451-A-2

Lab Sample ID: 200-56451-2

Client ID: SG-202

Operator ID: ggg

ALS Bottle#:

9

Worklist Smp#: 10

Purge Vol: 200.000 mL

Dil. Factor: 2.0000

Method: TO15\_MasterMethod\_(v1)\_G

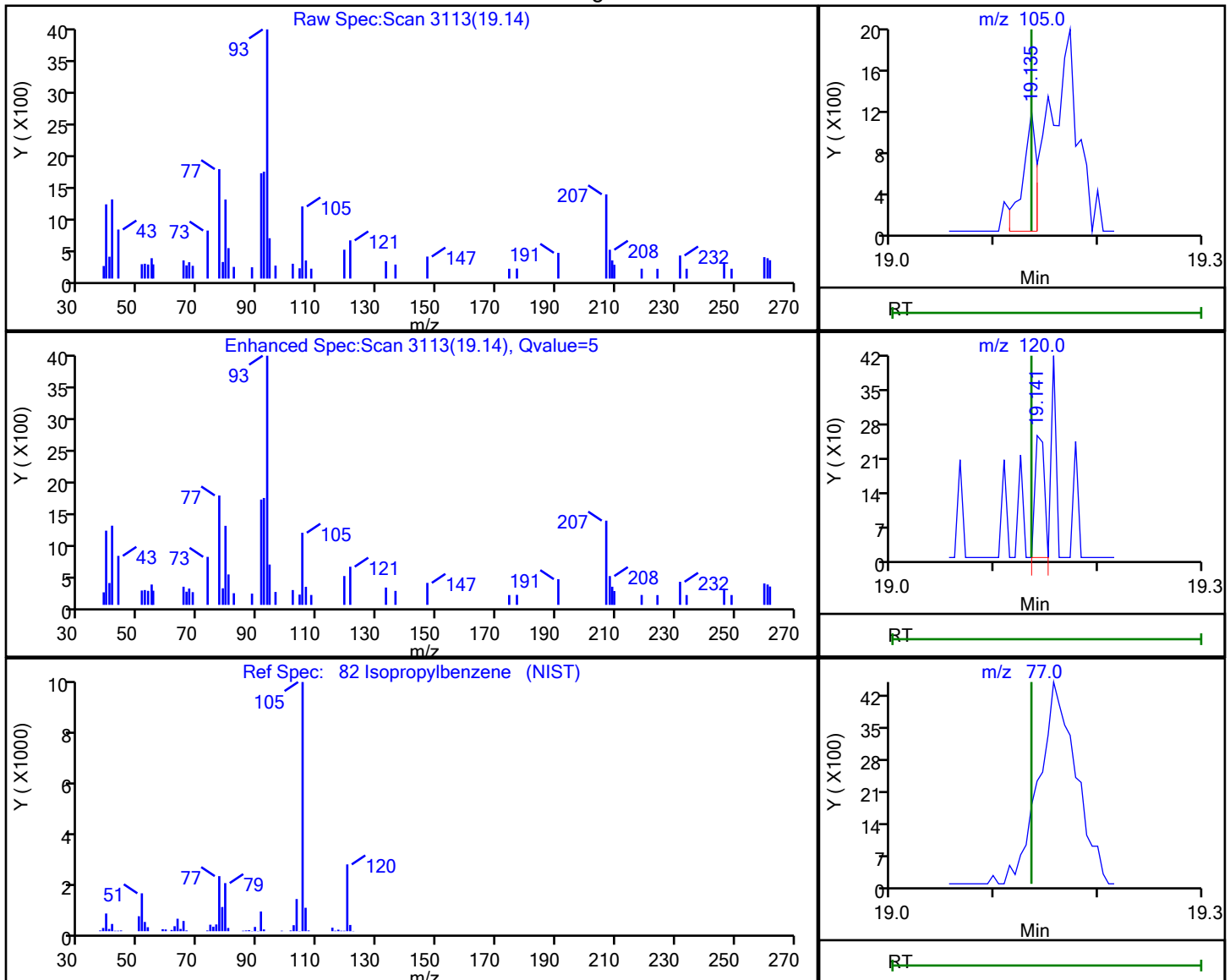
Limit Group: AI\_TO15\_ICAL

Column: RTX-624 ( 0.32 mm)

Detector: MS SCAN

## 82 Isopropylbenzene, CAS: 98-82-8

## Processing Results



| RT    | Mass   | Response | Amount   |
|-------|--------|----------|----------|
| 19.14 | 105.00 | 1063     | 0.028708 |
| 19.14 | 120.00 | 157      |          |
| 19.14 | 77.00  | 0        |          |

Reviewer: puangmaleek, 22-Dec-2020 09:36:13

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID



## Eurofins TestAmerica, Burlington

Data File: \\chromfs\Burlington\ChromData\CHG.i\20201221-44158.b\200-44158-010.D

Injection Date: 21-Dec-2020 15:18:30

Instrument ID: CHG.i

Lims ID: 200-56451-A-2

Lab Sample ID: 200-56451-2

Client ID: SG-202

Operator ID: ggg

ALS Bottle#:

9

Worklist Smp#: 10

Purge Vol: 200.000 mL

Dil. Factor: 2.0000

Method: TO15\_MasterMethod\_(v1)\_G

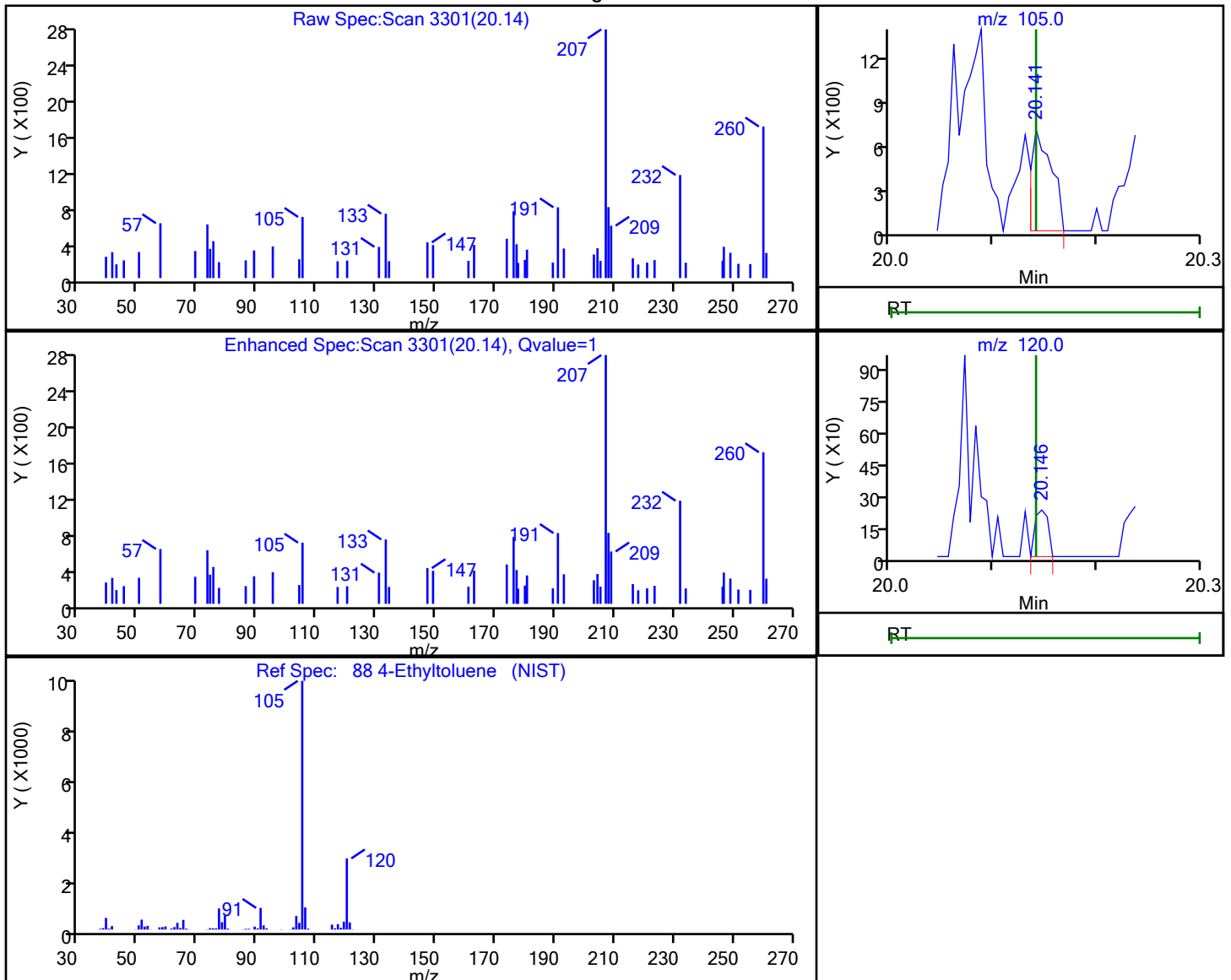
Limit Group: AI\_TO15\_ICAL

Column: RTX-624 ( 0.32 mm)

Detector: MS SCAN

## 88 4-Ethyltoluene, CAS: 622-96-8

## Processing Results



| RT    | Mass   | Response | Amount   |
|-------|--------|----------|----------|
| 20.14 | 105.00 | 933      | 0.025245 |
| 20.15 | 120.00 | 196      |          |

Reviewer: puangmaleek, 22-Dec-2020 09:36:21

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

## Eurofins TestAmerica, Burlington

Data File: \\chromfs\Burlington\ChromData\CHG.i\20201221-44158.b\200-44158-010.D

Injection Date: 21-Dec-2020 15:18:30

Instrument ID: CHG.i

Lims ID: 200-56451-A-2

Lab Sample ID: 200-56451-2

Client ID: SG-202

Operator ID: ggg

ALS Bottle#:

9

Worklist Smp#: 10

Purge Vol: 200.000 mL

Dil. Factor: 2.0000

Method: TO15\_MasterMethod\_(v1)\_G

Limit Group: AI\_TO15\_ICAL

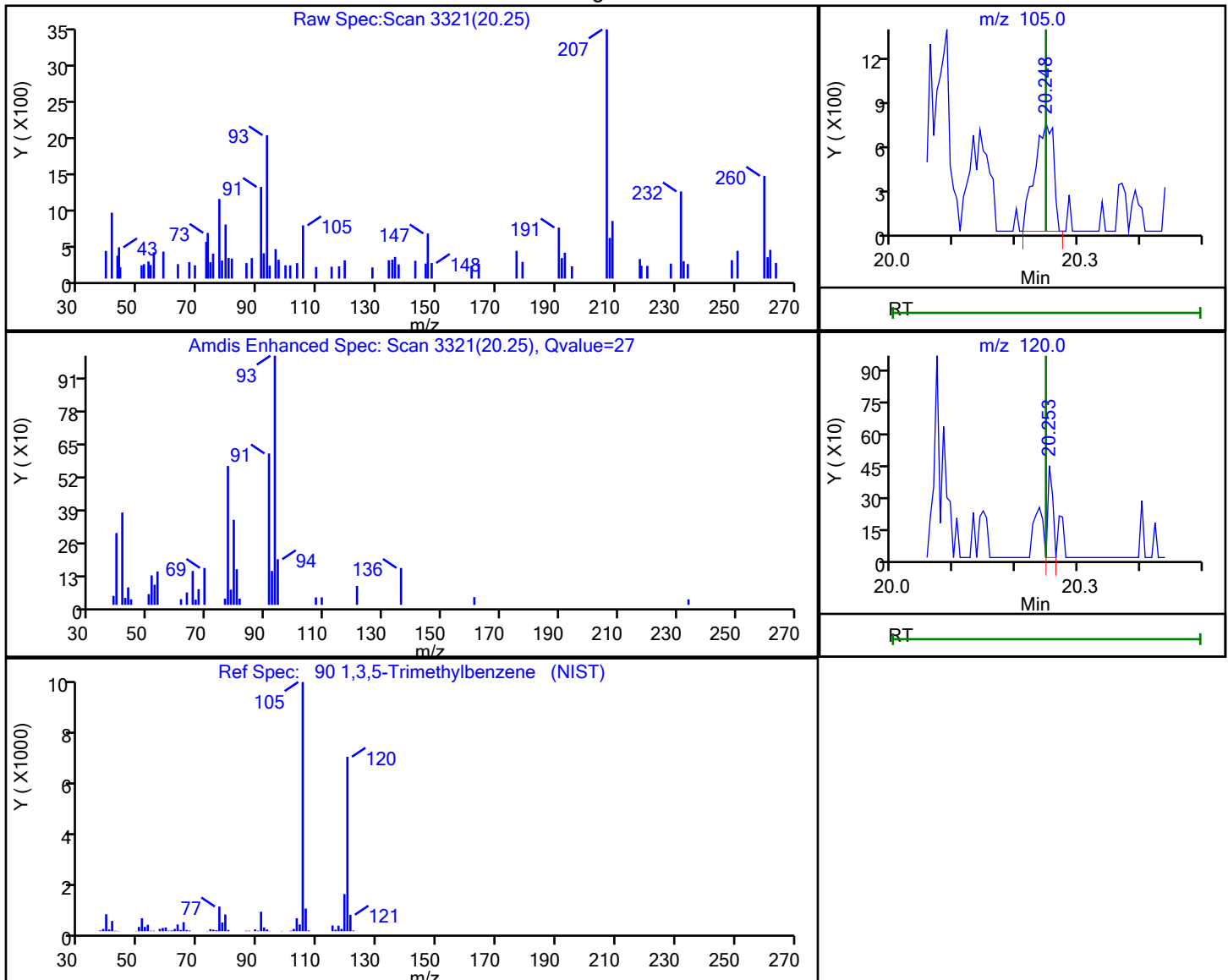
Column: RTX-624 ( 0.32 mm)

Detector

MS SCAN

## 90 1,3,5-Trimethylbenzene, CAS: 108-67-8

## Processing Results



| RT    | Mass   | Response | Amount   |
|-------|--------|----------|----------|
| 20.25 | 105.00 | 1551     | 0.046730 |
| 20.25 | 120.00 | 237      |          |

Reviewer: puangmaleek, 22-Dec-2020 09:36:24

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

## Eurofins TestAmerica, Burlington

Data File: \\chromfs\Burlington\ChromData\CHG.i\20201221-44158.b\200-44158-010.D

Injection Date: 21-Dec-2020 15:18:30

Instrument ID: CHG.i

Lims ID: 200-56451-A-2

Lab Sample ID: 200-56451-2

Client ID: SG-202

Operator ID: ggg

ALS Bottle#:

9

Worklist Smp#: 10

Purge Vol: 200.000 mL

Dil. Factor: 2.0000

Method: TO15\_MasterMethod\_(v1)\_G

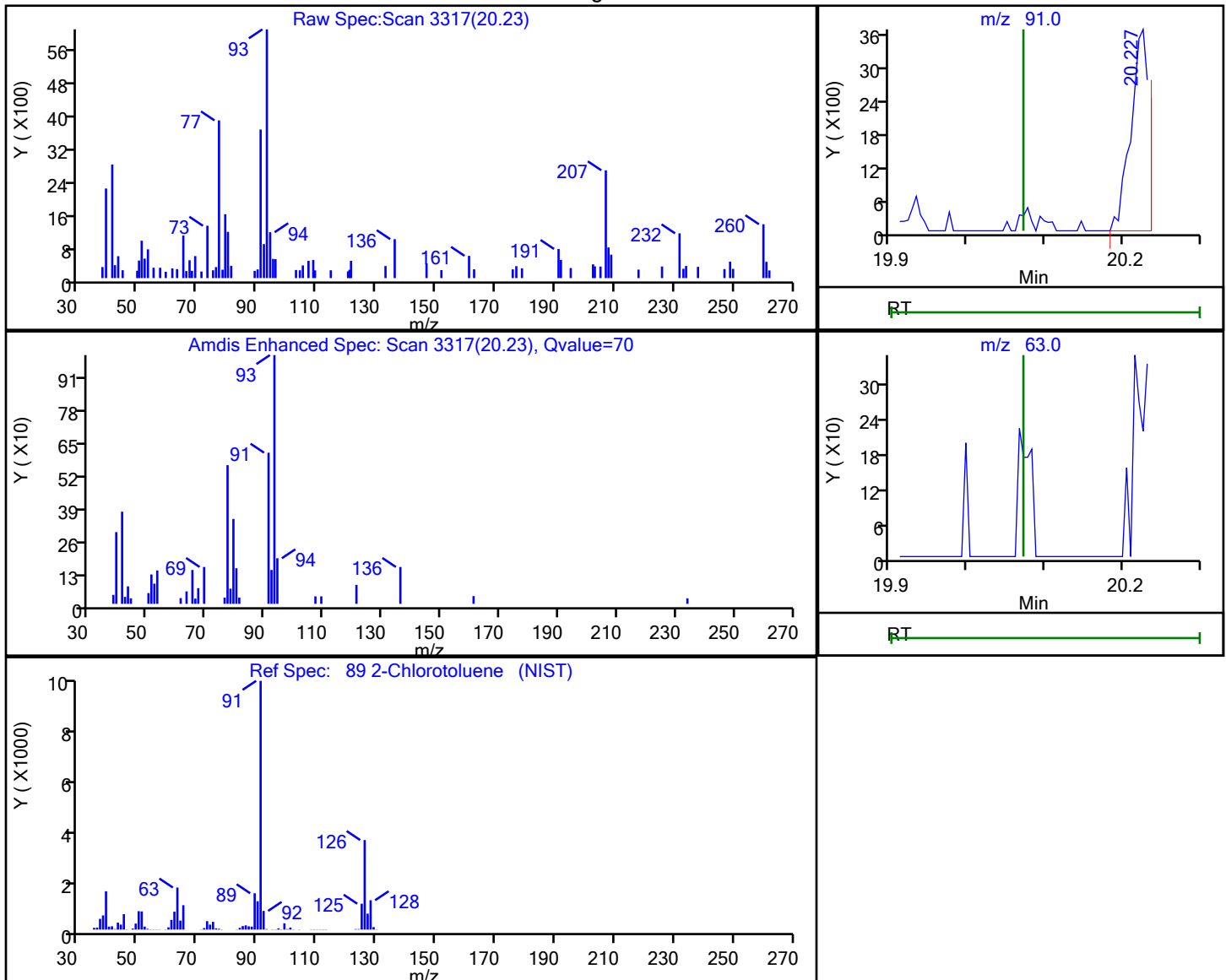
Limit Group: AI\_TO15\_ICAL

Column: RTX-624 ( 0.32 mm)

Detector: MS SCAN

## 89 2-Chlorotoluene, CAS: 95-49-8

## Processing Results



| RT    | Mass  | Response | Amount   |
|-------|-------|----------|----------|
| 20.23 | 91.00 | 6187     | 0.207087 |
| 20.07 | 63.00 | 0        |          |

Reviewer: puangmaleek, 22-Dec-2020 09:36:16

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

## Eurofins TestAmerica, Burlington

Data File: \\chromfs\Burlington\ChromData\CHG.i\20201221-44158.b\200-44158-010.D

Injection Date: 21-Dec-2020 15:18:30

Instrument ID: CHG.i

Lims ID: 200-56451-A-2

Lab Sample ID: 200-56451-2

Client ID: SG-202

Operator ID: ggg

ALS Bottle#:

9

Worklist Smp#: 10

Purge Vol: 200.000 mL

Dil. Factor: 2.0000

Method: TO15\_MasterMethod\_(v1)\_G

Limit Group: AI\_TO15\_ICAL

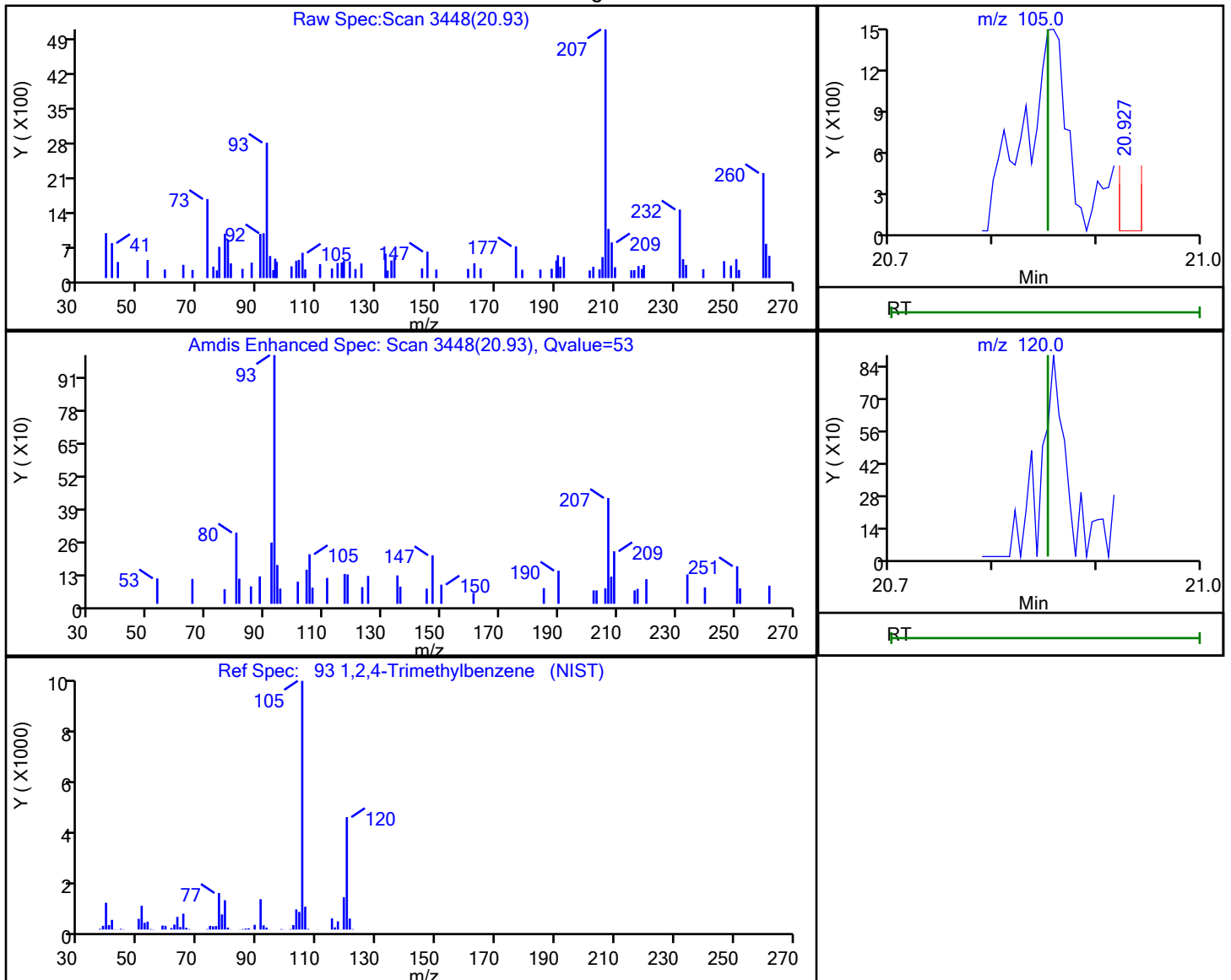
Column: RTX-624 ( 0.32 mm)

Detector

MS SCAN

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

## Processing Results



| RT    | Mass   | Response | Amount   |
|-------|--------|----------|----------|
| 20.93 | 105.00 | 369      | 0.011223 |
| 20.85 | 120.00 | 0        |          |

Reviewer: puangmaleek, 22-Dec-2020 09:36:27

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

## Eurofins TestAmerica, Burlington

Data File: \\chromfs\Burlington\ChromData\CHG.i\20201221-44158.b\200-44158-010.D

Injection Date: 21-Dec-2020 15:18:30

Instrument ID: CHG.i

Lims ID: 200-56451-A-2

Lab Sample ID: 200-56451-2

Client ID: SG-202

Operator ID: ggg

ALS Bottle#:

9

Worklist Smp#: 10

Purge Vol: 200.000 mL

Dil. Factor: 2.0000

Method: TO15\_MasterMethod\_(v1)\_G

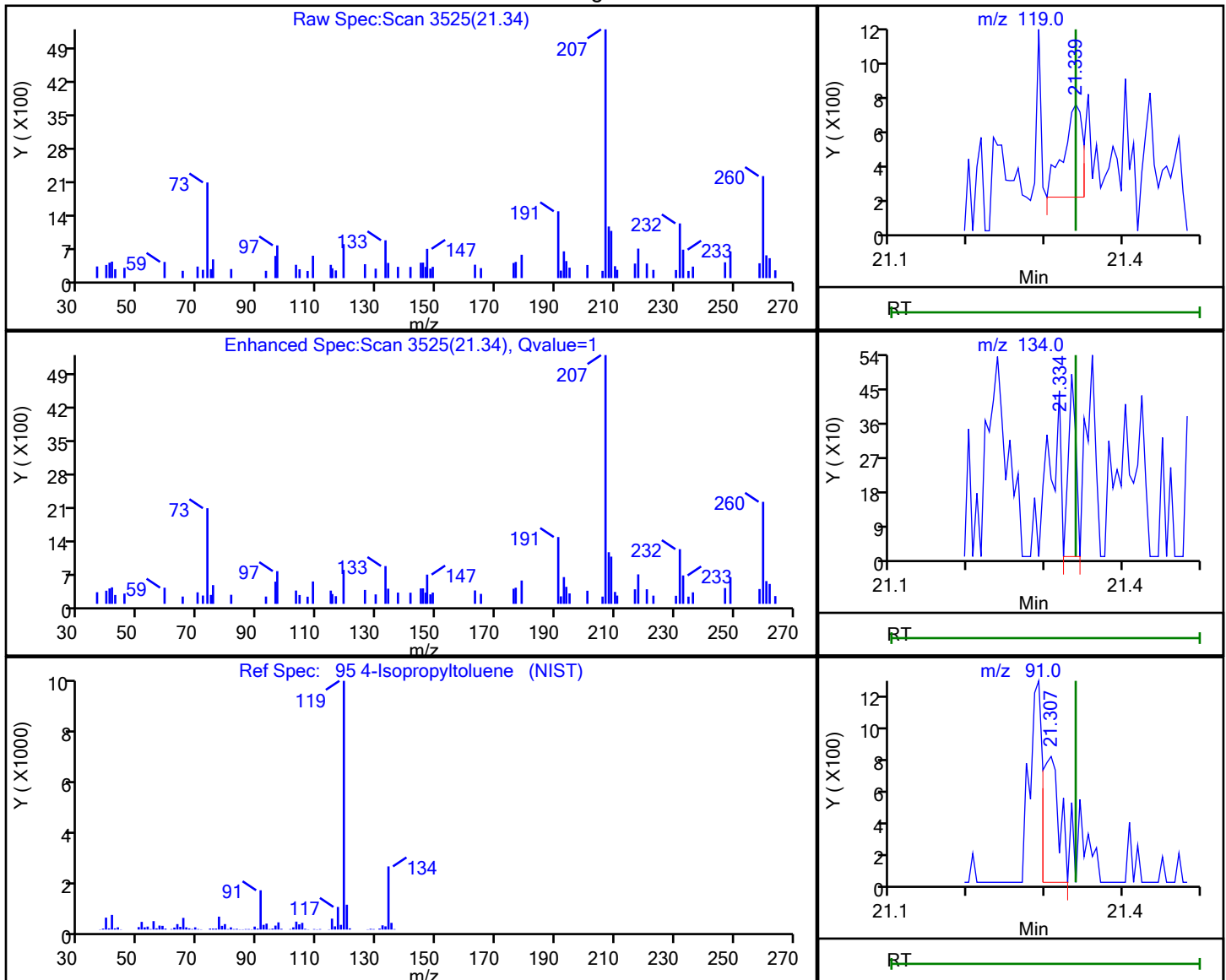
Limit Group: AI\_TO15\_ICAL

Column: RTX-624 ( 0.32 mm)

Detector: MS SCAN

## 95 4-Isopropyltoluene, CAS: 99-87-6

## Processing Results



| RT    | Mass   | Response | Amount   |
|-------|--------|----------|----------|
| 21.34 | 119.00 | 911      | 0.022685 |
| 21.33 | 134.00 | 329      |          |
| 21.31 | 91.00  | 1116     |          |

Reviewer: puangmaleek, 22-Dec-2020 09:36:36

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

## Eurofins TestAmerica, Burlington

Data File: \\chromfs\Burlington\ChromData\CHG.i\20201221-44158.b\200-44158-010.D

Injection Date: 21-Dec-2020 15:18:30

Instrument ID: CHG.i

Lims ID: 200-56451-A-2

Lab Sample ID: 200-56451-2

Client ID: SG-202

Operator ID: ggg

ALS Bottle#:

9

Worklist Smp#: 10

Purge Vol: 200.000 mL

Dil. Factor: 2.0000

Method: TO15\_MasterMethod\_(v1)\_G

Limit Group: AI\_TO15\_ICAL

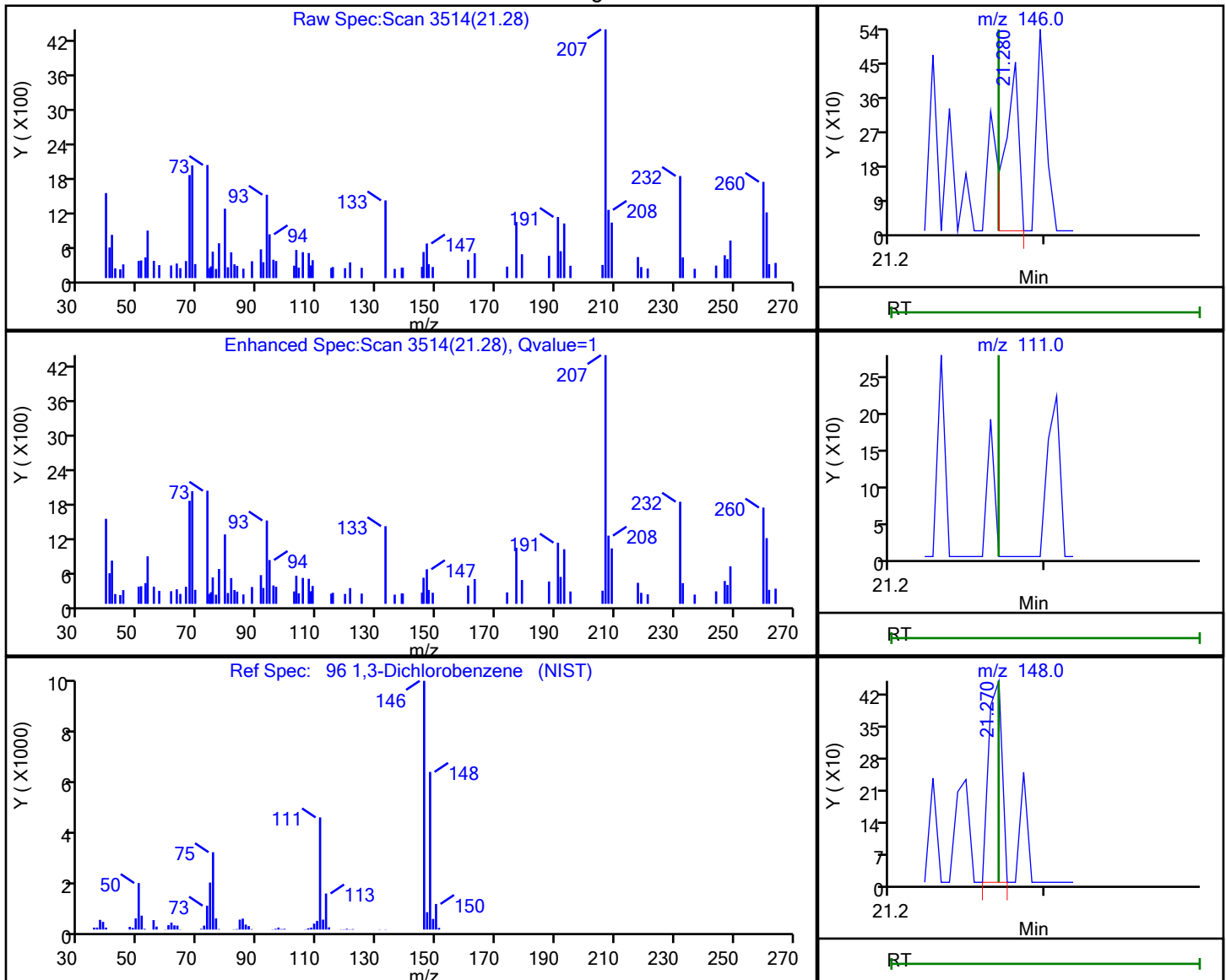
Column: RTX-624 ( 0.32 mm)

Detector

MS SCAN

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

## Processing Results



| RT    | Mass   | Response | Amount   |
|-------|--------|----------|----------|
| 21.28 | 146.00 | 274      | 0.011335 |
| 21.27 | 111.00 | 0        |          |
| 21.27 | 148.00 | 267      |          |

Reviewer: puangmaleek, 22-Dec-2020 09:36:31

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

## Eurofins TestAmerica, Burlington

Data File: \\chromfs\Burlington\ChromData\CHG.i\20201221-44158.b\200-44158-010.D

Injection Date: 21-Dec-2020 15:18:30

Instrument ID: CHG.i

Lims ID: 200-56451-A-2

Lab Sample ID: 200-56451-2

Client ID: SG-202

Operator ID: ggg

ALS Bottle#:

9

Worklist Smp#: 10

Purge Vol: 200.000 mL

Dil. Factor: 2.0000

Method: TO15\_MasterMethod\_(v1)\_G

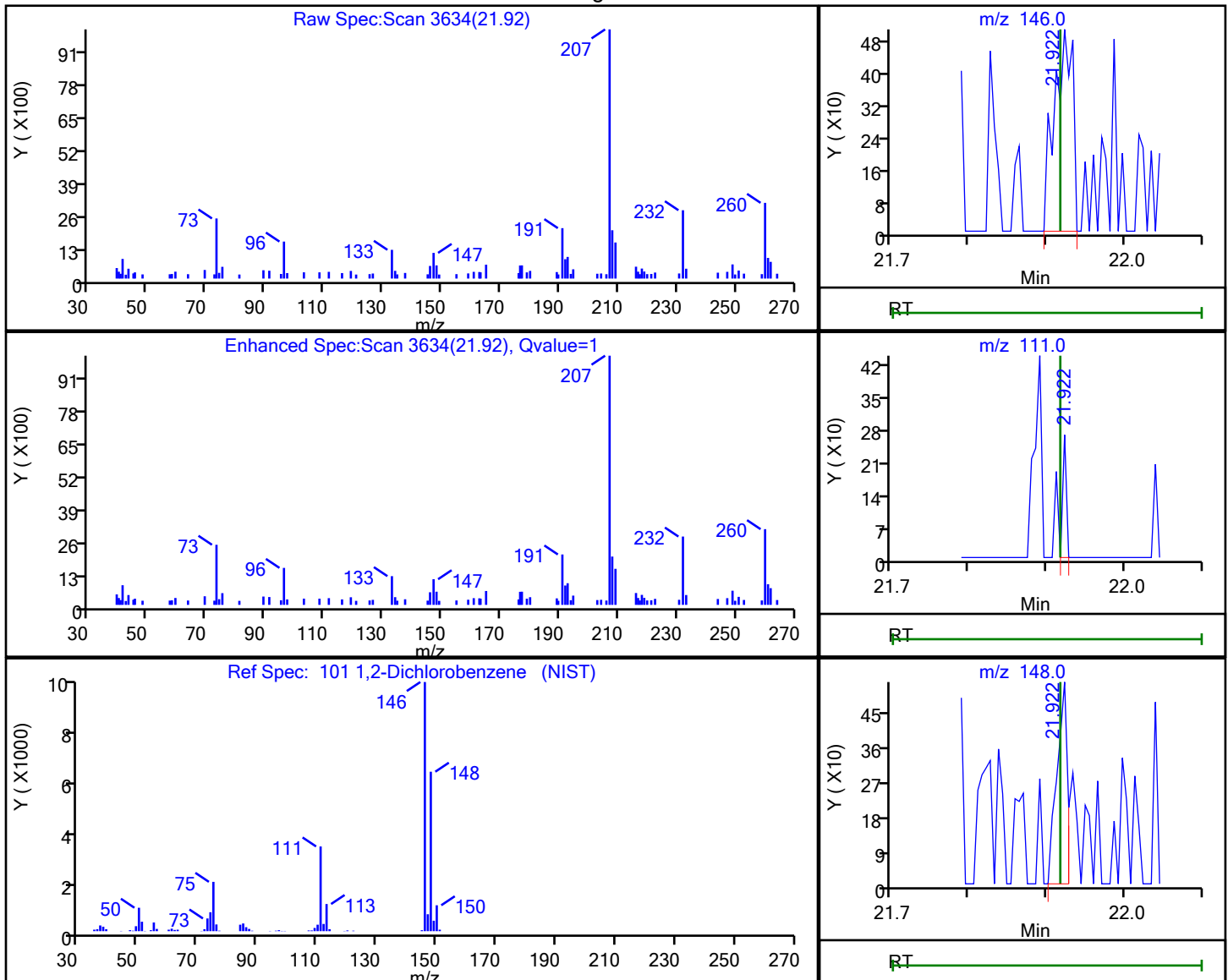
Limit Group: AI\_TO15\_ICAL

Column: RTX-624 ( 0.32 mm)

Detector: MS SCAN

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

## Processing Results



| RT    | Mass   | Response | Amount   |
|-------|--------|----------|----------|
| 21.92 | 146.00 | 824      | 0.034450 |
| 21.92 | 111.00 | 86       |          |
| 21.92 | 148.00 | 497      |          |

Reviewer: puangmaleek, 22-Dec-2020 09:53:05

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

## Eurofins TestAmerica, Burlington

Data File: \\chromfs\Burlington\ChromData\CHG.i\20201221-44158.b\200-44158-010.D

Injection Date: 21-Dec-2020 15:18:30

Instrument ID: CHG.i

Lims ID: 200-56451-A-2

Lab Sample ID: 200-56451-2

Client ID: SG-202

Operator ID: ggg

ALS Bottle#:

9

Worklist Smp#: 10

Purge Vol: 200.000 mL

Dil. Factor: 2.0000

Method: TO15\_MasterMethod\_(v1)\_G

Limit Group: AI\_TO15\_ICAL

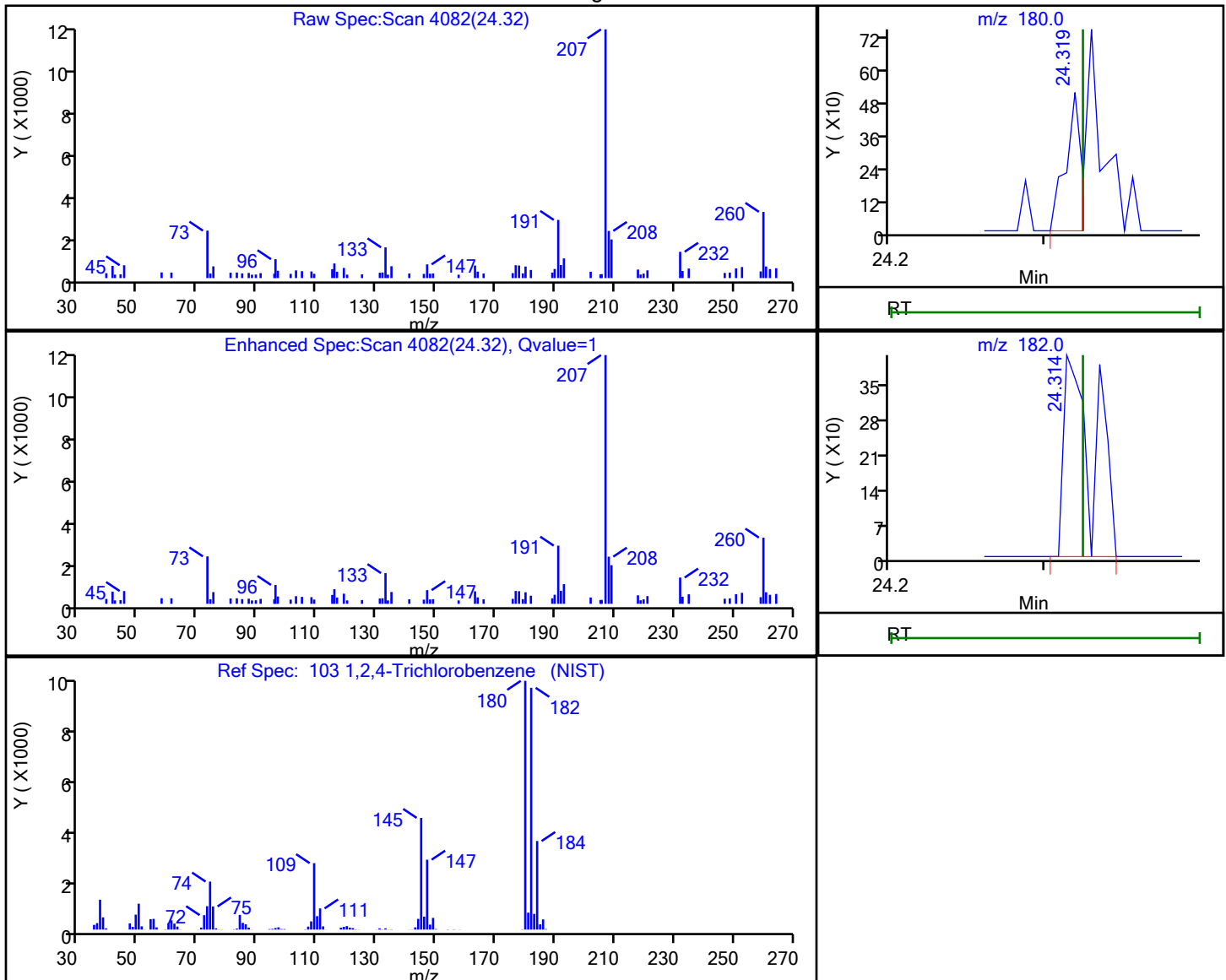
Column: RTX-624 ( 0.32 mm)

Detector

MS SCAN

## 103 1,2,4-Trichlorobenzene, CAS: 120-82-1

## Processing Results



| RT    | Mass   | Response | Amount   |
|-------|--------|----------|----------|
| 24.32 | 180.00 | 362      | 0.020047 |
| 24.31 | 182.00 | 547      |          |

Reviewer: puangmaleek, 22-Dec-2020 09:53:07

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID



## Eurofins TestAmerica, Burlington

Data File: \\chromfs\Burlington\ChromData\CHG.i\20201221-44158.b\200-44158-010.D

Injection Date: 21-Dec-2020 15:18:30

Instrument ID: CHG.i

Lims ID: 200-56451-A-2

Lab Sample ID: 200-56451-2

Client ID: SG-202

Operator ID: ggg

ALS Bottle#:

9

Worklist Smp#: 10

Purge Vol: 200.000 mL

Dil. Factor: 2.0000

Method: TO15\_MasterMethod\_(v1)\_G

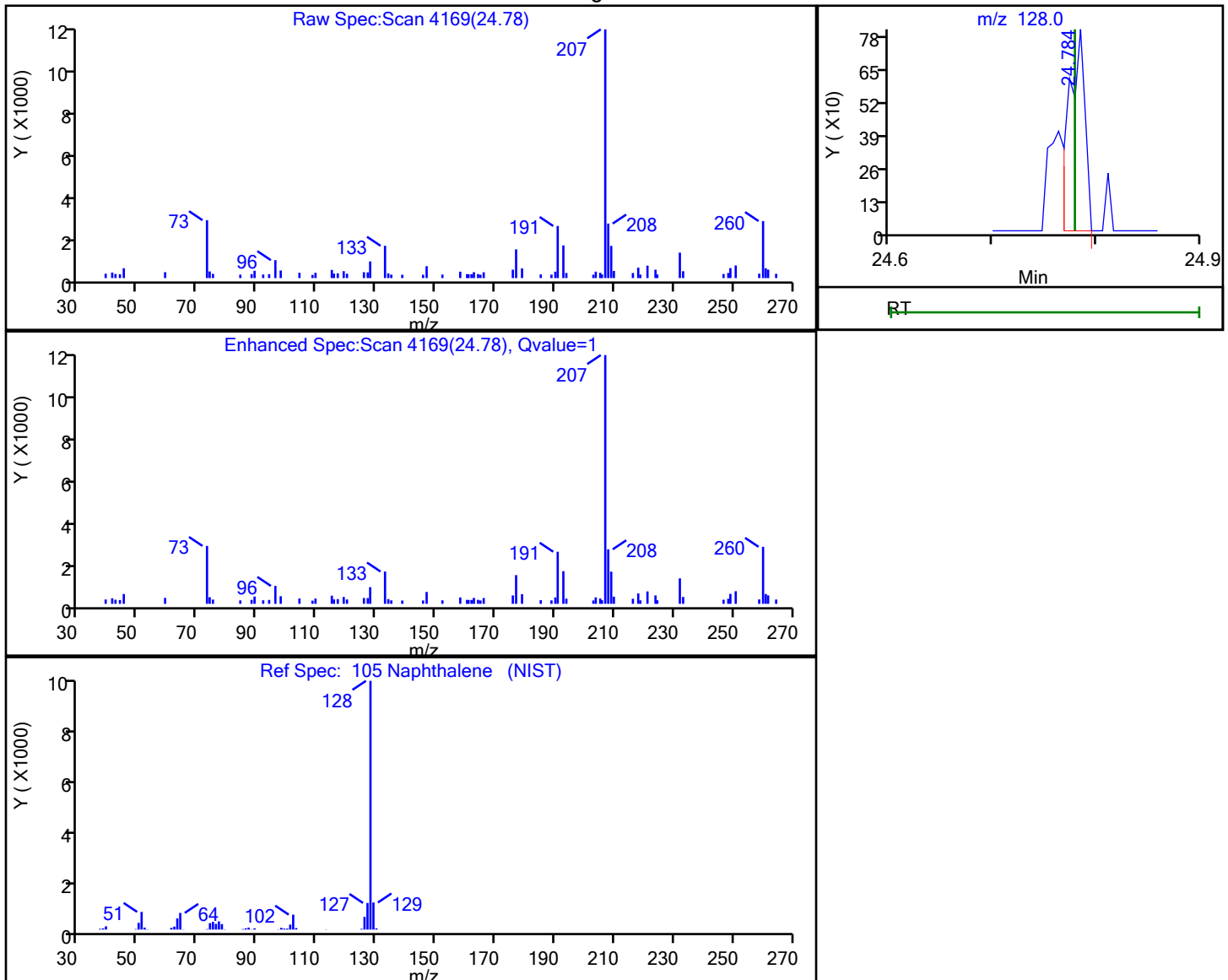
Limit Group: AI\_TO15\_ICAL

Column: RTX-624 ( 0.32 mm)

Detector: MS SCAN

## 105 Naphthalene, CAS: 91-20-3

## Processing Results



| RT    | Mass   | Response | Amount   |
|-------|--------|----------|----------|
| 24.78 | 128.00 | 858      | 0.024442 |

Reviewer: puangmaleek, 22-Dec-2020 09:53:16

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

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

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-56451-1  
 SDG No.: 200-56451-1  
 Client Sample ID: SG-203 Lab Sample ID: 200-56451-3  
 Matrix: Air Lab File ID: 44134-020.d  
 Analysis Method: TO-15 Date Collected: 12/09/2020 14:50  
 Sample wt/vol: 200 (mL) Date Analyzed: 12/19/2020 01:48  
 Soil Aliquot Vol: \_\_\_\_\_ Dilution Factor: 1  
 Soil Extract Vol.: \_\_\_\_\_ GC Column: RTX-624 ID: 0.32 (mm)  
 % Moisture: \_\_\_\_\_ Level: (low/med) Low  
 Analysis Batch No.: 162240 Units: ug/m3

| CAS NO.   | COMPOUND NAME                    | MOLECULAR WEIGHT | RESULT | Q | RL   | MDL  |
|-----------|----------------------------------|------------------|--------|---|------|------|
| 75-71-8   | Dichlorodifluoromethane          | 120.91           | 2.0    | J | 2.5  | 0.54 |
| 75-45-6   | Chlorodifluoromethane            | 86.47            | 1.8    | U | 1.8  | 0.42 |
| 76-14-2   | 1,2-Dichlorotetrafluoroethane    | 170.92           | 1.4    | U | 1.4  | 0.24 |
| 74-87-3   | Chloromethane                    | 50.49            | 1.0    | U | 1.0  | 0.23 |
| 106-97-8  | n-Butane                         | 58.12            | 32     |   | 1.2  | 0.26 |
| 75-01-4   | Vinyl chloride                   | 62.50            | 0.20   | U | 0.20 | 0.11 |
| 106-99-0  | 1,3-Butadiene                    | 54.09            | 0.66   |   | 0.44 | 0.13 |
| 74-83-9   | Bromomethane                     | 94.94            | 0.78   | U | 0.78 | 0.20 |
| 75-00-3   | Chloroethane                     | 64.52            | 1.3    | U | 1.3  | 0.14 |
| 593-60-2  | Bromoethene (Vinyl Bromide)      | 106.96           | 0.87   | U | 0.87 | 0.23 |
| 75-69-4   | Trichlorofluoromethane           | 137.37           | 1.4    |   | 1.1  | 0.34 |
| 76-13-1   | 1,1,2-Trichlorotrifluoroethane   | 187.38           | 0.54   | J | 1.5  | 0.29 |
| 75-35-4   | 1,1-Dichloroethene               | 96.94            | 0.20   | U | 0.20 | 0.15 |
| 67-64-1   | Acetone                          | 58.08            | 4.7    | J | 12   | 2.9  |
| 67-63-0   | Isopropyl alcohol                | 60.10            | 12     | U | 12   | 1.2  |
| 75-15-0   | Carbon disulfide                 | 76.14            | 12     |   | 1.6  | 0.23 |
| 107-05-1  | 3-Chloropropene                  | 76.53            | 1.6    | U | 1.6  | 0.20 |
| 75-09-2   | Methylene Chloride               | 84.93            | 1.7    | U | 1.7  | 0.94 |
| 75-65-0   | tert-Butyl alcohol               | 74.12            | 0.30   | J | 15   | 0.12 |
| 1634-04-4 | Methyl tert-butyl ether          | 88.15            | 0.72   | U | 0.72 | 0.12 |
| 156-60-5  | trans-1,2-Dichloroethene         | 96.94            | 0.79   | U | 0.79 | 0.17 |
| 110-54-3  | n-Hexane                         | 86.17            | 2.1    |   | 0.70 | 0.70 |
| 75-34-3   | 1,1-Dichloroethane               | 98.96            | 0.81   | U | 0.81 | 0.17 |
| 78-93-3   | Methyl Ethyl Ketone (2-Butanone) | 72.11            | 0.73   | J | 1.5  | 0.21 |
| 156-59-2  | cis-1,2-Dichloroethene           | 96.94            | 0.20   | U | 0.20 | 0.18 |
| 67-66-3   | Chloroform                       | 119.38           | 0.43   | J | 0.98 | 0.16 |
| 109-99-9  | Tetrahydrofuran                  | 72.11            | 15     | U | 15   | 0.19 |
| 71-55-6   | 1,1,1-Trichloroethane            | 133.41           | 0.32   | J | 1.1  | 0.20 |
| 110-82-7  | Cyclohexane                      | 84.16            | 0.81   |   | 0.69 | 0.16 |
| 56-23-5   | Carbon tetrachloride             | 153.81           | 0.19   | J | 0.22 | 0.15 |
| 540-84-1  | 2,2,4-Trimethylpentane           | 114.23           | 0.22   | J | 0.93 | 0.19 |
| 71-43-2   | Benzene                          | 78.11            | 1.0    |   | 0.64 | 0.21 |
| 107-06-2  | 1,2-Dichloroethane               | 98.96            | 0.81   | U | 0.81 | 0.13 |

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

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-56451-1

SDG No.: 200-56451-1

Client Sample ID: SG-203 Lab Sample ID: 200-56451-3

Matrix: Air Lab File ID: 44134-020.d

Analysis Method: TO-15 Date Collected: 12/09/2020 14:50

Sample wt/vol: 200 (mL) Date Analyzed: 12/19/2020 01:48

Soil Aliquot Vol: \_\_\_\_\_ Dilution Factor: 1

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

% Moisture: \_\_\_\_\_ Level: (low/med) Low

Analysis Batch No.: 162240 Units: ug/m3

| CAS NO.     | COMPOUND NAME                                    | MOLECULAR WEIGHT | RESULT | Q | RL   | MDL  |
|-------------|--------------------------------------------------|------------------|--------|---|------|------|
| 142-82-5    | n-Heptane                                        | 100.21           | 1.6    |   | 0.82 | 0.23 |
| 79-01-6     | Trichloroethene                                  | 131.39           | 0.42   |   | 0.20 | 0.19 |
| 80-62-6     | Methyl methacrylate                              | 100.12           | 2.0    | U | 2.0  | 0.14 |
| 78-87-5     | 1,2-Dichloropropane                              | 112.99           | 0.92   | U | 0.92 | 0.15 |
| 123-91-1    | 1,4-Dioxane                                      | 88.11            | 18     | U | 18   | 0.30 |
| 75-27-4     | Bromodichloromethane                             | 163.83           | 1.3    | U | 1.3  | 0.23 |
| 10061-01-5  | cis-1,3-Dichloropropene                          | 110.97           | 0.91   | U | 0.91 | 0.15 |
| 108-10-1    | 4-Methyl-2-pentanone<br>(Methyl isobutyl ketone) | 100.16           | 1.0    | J | 2.0  | 0.15 |
| 108-88-3    | Toluene                                          | 92.14            | 1.8    |   | 0.75 | 0.41 |
| 10061-02-6  | trans-1,3-Dichloropropene                        | 110.97           | 0.91   | U | 0.91 | 0.18 |
| 79-00-5     | 1,1,2-Trichloroethane                            | 133.41           | 1.1    | U | 1.1  | 0.20 |
| 127-18-4    | Tetrachloroethene                                | 165.83           | 8.1    |   | 1.4  | 0.22 |
| 591-78-6    | Methyl Butyl Ketone<br>(2-Hexanone)              | 100.20           | 0.41   | J | 2.0  | 0.20 |
| 124-48-1    | Dibromochloromethane                             | 208.28           | 1.7    | U | 1.7  | 0.31 |
| 106-93-4    | 1,2-Dibromoethane                                | 187.87           | 1.5    | U | 1.5  | 0.38 |
| 108-90-7    | Chlorobenzene                                    | 112.56           | 0.92   | U | 0.92 | 0.26 |
| 100-41-4    | Ethylbenzene                                     | 106.17           | 2.2    |   | 0.87 | 0.27 |
| 179601-23-1 | m,p-Xylene                                       | 106.17           | 8.2    |   | 2.2  | 0.43 |
| 95-47-6     | o-Xylene                                         | 106.17           | 2.6    |   | 0.87 | 0.21 |
| 100-42-5    | Styrene                                          | 104.15           | 0.85   | U | 0.85 | 0.17 |
| 75-25-2     | Bromoform                                        | 252.75           | 2.1    | U | 2.1  | 0.50 |
| 98-82-8     | Cumene                                           | 120.19           | 0.98   | U | 0.98 | 0.17 |
| 79-34-5     | 1,1,2,2-Tetrachloroethane                        | 167.85           | 1.4    | U | 1.4  | 0.29 |
| 103-65-1    | n-Propylbenzene                                  | 120.19           | 0.25   | J | 0.98 | 0.19 |
| 622-96-8    | 4-Ethyltoluene                                   | 120.20           | 0.34   | J | 0.98 | 0.20 |
| 108-67-8    | 1,3,5-Trimethylbenzene                           | 120.20           | 0.55   | J | 0.98 | 0.19 |
| 95-49-8     | 2-Chlorotoluene                                  | 126.59           | 1.0    | U | 1.0  | 0.22 |
| 98-06-6     | tert-Butylbenzene                                | 134.22           | 1.1    | U | 1.1  | 0.19 |
| 95-63-6     | 1,2,4-Trimethylbenzene                           | 120.20           | 1.6    |   | 0.98 | 0.22 |
| 135-98-8    | sec-Butylbenzene                                 | 134.22           | 1.1    | U | 1.1  | 0.19 |
| 99-87-6     | 4-Isopropyltoluene                               | 134.22           | 1.1    | U | 1.1  | 0.21 |
| 541-73-1    | 1,3-Dichlorobenzene                              | 147.00           | 1.2    | U | 1.2  | 0.66 |
| 106-46-7    | 1,4-Dichlorobenzene                              | 147.00           | 1.2    | U | 1.2  | 0.72 |

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

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-56451-1  
SDG No.: 200-56451-1  
Client Sample ID: SG-203 Lab Sample ID: 200-56451-3  
Matrix: Air Lab File ID: 44134-020.d  
Analysis Method: TO-15 Date Collected: 12/09/2020 14:50  
Sample wt/vol: 200 (mL) Date Analyzed: 12/19/2020 01:48  
Soil Aliquot Vol: \_\_\_\_\_ Dilution Factor: 1  
Soil Extract Vol.: \_\_\_\_\_ GC Column: RTX-624 ID: 0.32 (mm)  
% Moisture: \_\_\_\_\_ Level: (low/med) Low  
Analysis Batch No.: 162240 Units: ug/m3

| CAS NO.  | COMPOUND NAME          | MOLECULAR WEIGHT | RESULT | Q | RL  | MDL  |
|----------|------------------------|------------------|--------|---|-----|------|
| 100-44-7 | Benzyl chloride        | 126.58           | 1.0    | U | 1.0 | 0.44 |
| 104-51-8 | n-Butylbenzene         | 134.22           | 1.1    | U | 1.1 | 0.21 |
| 95-50-1  | 1,2-Dichlorobenzene    | 147.00           | 1.2    | U | 1.2 | 0.58 |
| 120-82-1 | 1,2,4-Trichlorobenzene | 181.45           | 3.7    | U | 3.7 | 1.6  |
| 87-68-3  | Hexachlorobutadiene    | 260.76           | 2.1    | U | 2.1 | 0.81 |
| 91-20-3  | Naphthalene            | 128.17           | 2.6    | U | 2.6 | 0.89 |

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

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-56451-1  
 SDG No.: 200-56451-1  
 Client Sample ID: SG-203 Lab Sample ID: 200-56451-3  
 Matrix: Air Lab File ID: 44134-020.d  
 Analysis Method: TO-15 Date Collected: 12/09/2020 14:50  
 Sample wt/vol: 200 (mL) Date Analyzed: 12/19/2020 01:48  
 Soil Aliquot Vol: \_\_\_\_\_ Dilution Factor: 1  
 Soil Extract Vol.: \_\_\_\_\_ GC Column: RTX-624 ID: 0.32 (mm)  
 % Moisture: \_\_\_\_\_ Level: (low/med) Low  
 Analysis Batch No.: 162240 Units: ppb v/v

| CAS NO.   | COMPOUND NAME                    | MOLECULAR WEIGHT | RESULT | Q | RL    | MDL   |
|-----------|----------------------------------|------------------|--------|---|-------|-------|
| 75-71-8   | Dichlorodifluoromethane          | 120.91           | 0.39   | J | 0.50  | 0.11  |
| 75-45-6   | Chlorodifluoromethane            | 86.47            | 0.50   | U | 0.50  | 0.12  |
| 76-14-2   | 1,2-Dichlorotetrafluoroethane    | 170.92           | 0.20   | U | 0.20  | 0.035 |
| 74-87-3   | Chloromethane                    | 50.49            | 0.50   | U | 0.50  | 0.11  |
| 106-97-8  | n-Butane                         | 58.12            | 13     |   | 0.50  | 0.11  |
| 75-01-4   | Vinyl chloride                   | 62.50            | 0.078  | U | 0.078 | 0.044 |
| 106-99-0  | 1,3-Butadiene                    | 54.09            | 0.30   |   | 0.20  | 0.057 |
| 74-83-9   | Bromomethane                     | 94.94            | 0.20   | U | 0.20  | 0.051 |
| 75-00-3   | Chloroethane                     | 64.52            | 0.50   | U | 0.50  | 0.054 |
| 593-60-2  | Bromoethene (Vinyl Bromide)      | 106.96           | 0.20   | U | 0.20  | 0.052 |
| 75-69-4   | Trichlorofluoromethane           | 137.37           | 0.25   |   | 0.20  | 0.060 |
| 76-13-1   | 1,1,2-Trichlorotrifluoroethane   | 187.38           | 0.071  | J | 0.20  | 0.038 |
| 75-35-4   | 1,1-Dichloroethene               | 96.94            | 0.050  | U | 0.050 | 0.039 |
| 67-64-1   | Acetone                          | 58.08            | 2.0    | J | 5.0   | 1.2   |
| 67-63-0   | Isopropyl alcohol                | 60.10            | 5.0    | U | 5.0   | 0.48  |
| 75-15-0   | Carbon disulfide                 | 76.14            | 3.8    |   | 0.50  | 0.074 |
| 107-05-1  | 3-Chloropropene                  | 76.53            | 0.50   | U | 0.50  | 0.064 |
| 75-09-2   | Methylene Chloride               | 84.93            | 0.50   | U | 0.50  | 0.27  |
| 75-65-0   | tert-Butyl alcohol               | 74.12            | 0.099  | J | 5.0   | 0.038 |
| 1634-04-4 | Methyl tert-butyl ether          | 88.15            | 0.20   | U | 0.20  | 0.033 |
| 156-60-5  | trans-1,2-Dichloroethene         | 96.94            | 0.20   | U | 0.20  | 0.042 |
| 110-54-3  | n-Hexane                         | 86.17            | 0.59   |   | 0.20  | 0.20  |
| 75-34-3   | 1,1-Dichloroethane               | 98.96            | 0.20   | U | 0.20  | 0.041 |
| 78-93-3   | Methyl Ethyl Ketone (2-Butanone) | 72.11            | 0.25   | J | 0.50  | 0.072 |
| 156-59-2  | cis-1,2-Dichloroethene           | 96.94            | 0.050  | U | 0.050 | 0.045 |
| 67-66-3   | Chloroform                       | 119.38           | 0.088  | J | 0.20  | 0.032 |
| 109-99-9  | Tetrahydrofuran                  | 72.11            | 5.0    | U | 5.0   | 0.066 |
| 71-55-6   | 1,1,1-Trichloroethane            | 133.41           | 0.058  | J | 0.20  | 0.036 |
| 110-82-7  | Cyclohexane                      | 84.16            | 0.24   |   | 0.20  | 0.046 |
| 56-23-5   | Carbon tetrachloride             | 153.81           | 0.030  | J | 0.035 | 0.024 |
| 540-84-1  | 2,2,4-Trimethylpentane           | 114.23           | 0.047  | J | 0.20  | 0.041 |
| 71-43-2   | Benzene                          | 78.11            | 0.32   |   | 0.20  | 0.067 |
| 107-06-2  | 1,2-Dichloroethane               | 98.96            | 0.20   | U | 0.20  | 0.032 |

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

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-56451-1  
 SDG No.: 200-56451-1  
 Client Sample ID: SG-203 Lab Sample ID: 200-56451-3  
 Matrix: Air Lab File ID: 44134-020.d  
 Analysis Method: TO-15 Date Collected: 12/09/2020 14:50  
 Sample wt/vol: 200 (mL) Date Analyzed: 12/19/2020 01:48  
 Soil Aliquot Vol: \_\_\_\_\_ Dilution Factor: 1  
 Soil Extract Vol.: \_\_\_\_\_ GC Column: RTX-624 ID: 0.32 (mm)  
 % Moisture: \_\_\_\_\_ Level: (low/med) Low  
 Analysis Batch No.: 162240 Units: ppb v/v

| CAS NO.     | COMPOUND NAME                                    | MOLECULAR WEIGHT | RESULT | Q | RL    | MDL   |
|-------------|--------------------------------------------------|------------------|--------|---|-------|-------|
| 142-82-5    | n-Heptane                                        | 100.21           | 0.38   |   | 0.20  | 0.056 |
| 79-01-6     | Trichloroethene                                  | 131.39           | 0.078  |   | 0.037 | 0.035 |
| 80-62-6     | Methyl methacrylate                              | 100.12           | 0.50   | U | 0.50  | 0.033 |
| 78-87-5     | 1,2-Dichloropropane                              | 112.99           | 0.20   | U | 0.20  | 0.033 |
| 123-91-1    | 1,4-Dioxane                                      | 88.11            | 5.0    | U | 5.0   | 0.084 |
| 75-27-4     | Bromodichloromethane                             | 163.83           | 0.20   | U | 0.20  | 0.035 |
| 10061-01-5  | cis-1,3-Dichloropropene                          | 110.97           | 0.20   | U | 0.20  | 0.032 |
| 108-10-1    | 4-Methyl-2-pentanone<br>(Methyl isobutyl ketone) | 100.16           | 0.25   | J | 0.50  | 0.036 |
| 108-88-3    | Toluene                                          | 92.14            | 0.48   |   | 0.20  | 0.11  |
| 10061-02-6  | trans-1,3-Dichloropropene                        | 110.97           | 0.20   | U | 0.20  | 0.039 |
| 79-00-5     | 1,1,2-Trichloroethane                            | 133.41           | 0.20   | U | 0.20  | 0.036 |
| 127-18-4    | Tetrachloroethene                                | 165.83           | 1.2    |   | 0.20  | 0.033 |
| 591-78-6    | Methyl Butyl Ketone<br>(2-Hexanone)              | 100.20           | 0.10   | J | 0.50  | 0.048 |
| 124-48-1    | Dibromochloromethane                             | 208.28           | 0.20   | U | 0.20  | 0.036 |
| 106-93-4    | 1,2-Dibromoethane                                | 187.87           | 0.20   | U | 0.20  | 0.049 |
| 108-90-7    | Chlorobenzene                                    | 112.56           | 0.20   | U | 0.20  | 0.056 |
| 100-41-4    | Ethylbenzene                                     | 106.17           | 0.50   |   | 0.20  | 0.063 |
| 179601-23-1 | m,p-Xylene                                       | 106.17           | 1.9    |   | 0.50  | 0.10  |
| 95-47-6     | o-Xylene                                         | 106.17           | 0.59   |   | 0.20  | 0.048 |
| 100-42-5    | Styrene                                          | 104.15           | 0.20   | U | 0.20  | 0.040 |
| 75-25-2     | Bromoform                                        | 252.75           | 0.20   | U | 0.20  | 0.048 |
| 98-82-8     | Cumene                                           | 120.19           | 0.20   | U | 0.20  | 0.035 |
| 79-34-5     | 1,1,2,2-Tetrachloroethane                        | 167.85           | 0.20   | U | 0.20  | 0.042 |
| 103-65-1    | n-Propylbenzene                                  | 120.19           | 0.051  | J | 0.20  | 0.039 |
| 622-96-8    | 4-Ethyltoluene                                   | 120.20           | 0.069  | J | 0.20  | 0.041 |
| 108-67-8    | 1,3,5-Trimethylbenzene                           | 120.20           | 0.11   | J | 0.20  | 0.039 |
| 95-49-8     | 2-Chlorotoluene                                  | 126.59           | 0.20   | U | 0.20  | 0.042 |
| 98-06-6     | tert-Butylbenzene                                | 134.22           | 0.20   | U | 0.20  | 0.035 |
| 95-63-6     | 1,2,4-Trimethylbenzene                           | 120.20           | 0.32   |   | 0.20  | 0.044 |
| 135-98-8    | sec-Butylbenzene                                 | 134.22           | 0.20   | U | 0.20  | 0.035 |
| 99-87-6     | 4-Isopropyltoluene                               | 134.22           | 0.20   | U | 0.20  | 0.039 |
| 541-73-1    | 1,3-Dichlorobenzene                              | 147.00           | 0.20   | U | 0.20  | 0.11  |
| 106-46-7    | 1,4-Dichlorobenzene                              | 147.00           | 0.20   | U | 0.20  | 0.12  |

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

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-56451-1  
SDG No.: 200-56451-1  
Client Sample ID: SG-203 Lab Sample ID: 200-56451-3  
Matrix: Air Lab File ID: 44134-020.d  
Analysis Method: TO-15 Date Collected: 12/09/2020 14:50  
Sample wt/vol: 200 (mL) Date Analyzed: 12/19/2020 01:48  
Soil Aliquot Vol: \_\_\_\_\_ Dilution Factor: 1  
Soil Extract Vol.: \_\_\_\_\_ GC Column: RTX-624 ID: 0.32 (mm)  
% Moisture: \_\_\_\_\_ Level: (low/med) Low  
Analysis Batch No.: 162240 Units: ppb v/v

| CAS NO.  | COMPOUND NAME          | MOLECULAR WEIGHT | RESULT | Q | RL   | MDL   |
|----------|------------------------|------------------|--------|---|------|-------|
| 100-44-7 | Benzyl chloride        | 126.58           | 0.20   | U | 0.20 | 0.085 |
| 104-51-8 | n-Butylbenzene         | 134.22           | 0.20   | U | 0.20 | 0.039 |
| 95-50-1  | 1,2-Dichlorobenzene    | 147.00           | 0.20   | U | 0.20 | 0.097 |
| 120-82-1 | 1,2,4-Trichlorobenzene | 181.45           | 0.50   | U | 0.50 | 0.22  |
| 87-68-3  | Hexachlorobutadiene    | 260.76           | 0.20   | U | 0.20 | 0.076 |
| 91-20-3  | Naphthalene            | 128.17           | 0.50   | U | 0.50 | 0.17  |

Eurofins TestAmerica, Burlington  
Target Compound Quantitation Report

Data File: \\chromfs\Burlington\ChromData\CHW.i\20201218-44134.b\44134-020.d  
 Lims ID: 200-56451-A-3  
 Client ID: SG-203  
 Sample Type: Client  
 Inject. Date: 19-Dec-2020 01:48:30 ALS Bottle#: 19 Worklist Smp#: 20  
 Purge Vol: 200.000 mL Dil. Factor: 1.0000  
 Sample Info: 200-0044134-020  
 Operator ID: ggg Instrument ID: CHW.i  
 Method: \\chromfs\Burlington\ChromData\CHW.i\20201218-44134.b\TO15\_TO3\_MasterMethod\_W.m  
 Limit Group: AI\_TO15\_ICAL  
 Last Update: 21-Dec-2020 13:01:02 Calib Date: 11-Dec-2020 05:25:30  
 Integrator: RTE ID Type: Deconvolution ID  
 Quant Method: Internal Standard Quant By: Initial Calibration  
 Last ICal File: \\chromfs\Burlington\ChromData\CHW.i\20201210-44014.b\44014-016.d  
 Column 1 : RTX-624 ( 0.32 mm) Det: MS SCAN  
 Process Host: CTX1612

First Level Reviewer: bunmaa

Date: 21-Dec-2020 13:01:02

| Compound                           | Sig | RT (min.) | Adj RT (min.) | Dlt RT (min.) | Q  | Response | OnCol Amt ppb v/v | Flags |
|------------------------------------|-----|-----------|---------------|---------------|----|----------|-------------------|-------|
| 2 Dichlorodifluoromethane          | 85  | 4.078     | 4.110         | 0.005         | 99 | 147758   | 0.3947            |       |
| 3 Chlorodifluoromethane            | 51  |           | 4.116         |               |    |          | ND                | U     |
| 4 1,2-Dichloro-1,1,2,2-tetrafluoro | 85  |           | 4.469         |               |    |          | ND                | MU    |
| 5 Chloromethane                    | 50  |           | 4.560         |               |    |          | ND                | U     |
| 6 Vinyl chloride                   | 62  |           | 4.897         |               |    |          | ND                | U     |
| 7 Butane                           | 43  | 4.896     | 4.913         | -0.017        | 99 | 3195843  | 13.4              |       |
| 8 Butadiene                        | 54  | 5.014     | 5.041         | -0.011        | 95 | 39077    | 0.2983            |       |
| 9 Bromomethane                     | 94  |           | 5.758         |               |    |          | ND                | 7     |
| 11 Chloroethane                    | 64  |           | 6.047         |               |    |          | ND                | 7     |
| 13 Vinyl bromide                   | 106 |           | 6.485         |               |    |          | ND                | 7     |
| 14 Trichlorofluoromethane          | 101 | 6.635     | 6.635         | -0.022        | 99 | 76050    | 0.2474            |       |
| 20 1,1-Dichloroethene              | 96  |           | 7.753         |               |    |          | ND                | U     |
| 21 112TCTFE                        | 101 | 7.775     | 7.775         | -0.026        | 90 | 16670    | 0.0707            | M     |
| 22 Acetone                         | 43  | 7.855     | 7.855         | 0.000         | 98 | 323077   | 1.97              |       |
| 24 Carbon disulfide                | 76  | 8.144     | 8.165         | -0.021        | 99 | 1240488  | 3.81              |       |
| 23 Isopropyl alcohol               | 45  | 8.197     | 8.229         | 0.026         | 97 | 70499    | 0.3909            |       |
| 26 3-Chloro-1-propene              | 41  |           | 8.470         |               |    |          | ND                | U     |
| 27 Methylene Chloride              | 49  | 8.700     | 8.689         | -0.006        | 88 | 17782    | 0.1381            |       |
| 28 2-Methyl-2-propanol             | 59  | 8.973     | 8.928         | 0.032         | 87 | 20441    | 0.0990            |       |
| 30 trans-1,2-Dichloroethene        | 61  |           | 9.219         |               |    |          | ND                | 7     |
| 31 Methyl tert-butyl ether         | 73  |           | 9.230         |               |    |          | ND                | 7     |
| 32 Hexane                          | 57  | 9.717     | 9.717         | -0.016        | 92 | 90504    | 0.5925            |       |
| 33 1,1-Dichloroethane              | 63  |           | 9.995         |               |    |          | ND                | 7     |
| 36 2-Butanone (MEK)                | 72  | 11.001    | 11.006        | 0.015         | 99 | 12302    | 0.2484            |       |
| 37 cis-1,2-Dichloroethene          | 96  |           | 11.001        |               |    |          | ND                | 7     |
| * 39 Chlorobromomethane            | 128 | 11.407    | 11.423        | -0.016        | 88 | 796841   | 10.0              |       |
| 40 Tetrahydrofuran                 | 42  |           | 11.466        |               |    |          | ND                |       |
| 41 Chloroform                      | 83  | 11.589    | 11.589        | -0.011        | 96 | 21516    | 0.0877            |       |
| 42 1,1,1-Trichloroethane           | 97  | 11.894    | 11.894        | -0.016        | 68 | 14779    | 0.0579            |       |
| 43 Cyclohexane                     | 84  | 12.033    | 12.033        | -0.011        | 92 | 33193    | 0.2352            |       |
| 44 Carbon tetrachloride            | 117 | 12.177    | 12.177        | -0.011        | 84 | 8182     | 0.0296            |       |
| 45 Benzene                         | 78  | 12.525    | 12.525        | -0.016        | 98 | 103301   | 0.3152            |       |



| Compound                       | Sig | RT (min.) | Adj RT (min.) | Dlt RT (min.) | Q   | Response | OnCol Amt ppb v/v | Flags |
|--------------------------------|-----|-----------|---------------|---------------|-----|----------|-------------------|-------|
| 46 1,2-Dichloroethane          | 62  |           | 12.616        |               |     |          | ND                |       |
| 47 Isooctane                   | 57  | 12.750    | 12.755        | -0.005        | 80  | 22112    | 0.0467            |       |
| 48 n-Heptane                   | 43  | 13.060    | 13.055        | -0.011        | 96  | 67462    | 0.3825            |       |
| * 50 1,4-Difluorobenzene       | 114 | 13.274    | 13.285        | -0.011        | 94  | 3739683  | 10.0              |       |
| 51 Trichloroethene             | 95  | 13.713    | 13.712        | -0.005        | 87  | 12150    | 0.0783            |       |
| 54 1,2-Dichloropropane         | 63  |           | 14.178        |               |     |          | ND                | U     |
| 55 Methyl methacrylate         | 69  |           | 14.269        |               |     |          | ND                | U     |
| 56 1,4-Dioxane                 | 88  |           | 14.307        |               |     |          | ND                | 7     |
| 58 Dichlorobromomethane        | 83  |           | 14.649        |               |     |          | ND                |       |
| 60 cis-1,3-Dichloropropene     | 75  |           | 15.457        |               |     |          | ND                | 7     |
| 61 4-Methyl-2-pentanone (MIBK) | 43  | 15.719    | 15.719        | 0.005         | 96  | 61481    | 0.2533            | M     |
| 62 Toluene                     | 92  | 16.099    | 16.104        | 0.000         | 93  | 105844   | 0.4755            |       |
| 64 trans-1,3-Dichloropropene   | 75  |           | 16.516        |               |     |          | ND                | 7     |
| 65 1,1,2-Trichloroethane       | 83  |           | 16.896        |               |     |          | ND                | U     |
| 66 Tetrachloroethene           | 166 | 17.094    | 17.083        | 0.005         | 96  | 270608   | 1.19              |       |
| 67 2-Hexanone                  | 43  | 17.319    | 17.319        | 0.021         | 70  | 20776    | 0.1010            | M     |
| 68 Chlorodibromomethane        | 129 |           | 17.634        |               |     |          | ND                |       |
| 69 Ethylene Dibromide          | 107 |           | 17.875        |               |     |          | ND                |       |
| * 70 Chlorobenzene-d5          | 117 | 18.784    | 18.790        | -0.006        | 87  | 3080555  | 10.0              |       |
| 71 Chlorobenzene               | 112 |           | 18.849        |               |     |          | ND                | 7     |
| 73 Ethylbenzene                | 91  | 19.036    | 19.041        | -0.005        | 99  | 250968   | 0.5044            |       |
| 74 m-Xylene & p-Xylene         | 106 | 19.287    | 19.308        | -0.016        | 0   | 363481   | 1.89              |       |
| 76 o-Xylene                    | 106 | 20.079    | 20.073        | 0.000         | 100 | 107593   | 0.5909            |       |
| 78 Styrene                     | 104 |           | 20.116        |               |     |          | ND                | U     |
| 79 Bromoform                   | 173 |           | 20.464        |               |     |          | ND                |       |
| 80 Isopropylbenzene            | 105 |           | 20.774        |               |     |          | ND                | U     |
| 81 1,1,2,2-Tetrachloroethane   | 83  |           | 21.293        |               |     |          | ND                | 7     |
| 83 N-Propylbenzene             | 91  | 21.497    | 21.507        | 0.006         | 99  | 32399    | 0.0513            |       |
| 84 2-Chlorotoluene             | 91  |           | 21.641        |               |     |          | ND                | U     |
| 85 4-Ethyltoluene              | 105 | 21.689    | 21.700        | 0.000         | 96  | 36240    | 0.0693            |       |
| 86 1,3,5-Trimethylbenzene      | 105 | 21.786    | 21.775        | 0.000         | 93  | 49828    | 0.1117            |       |
| 89 tert-Butylbenzene           | 119 |           | 22.267        |               |     |          | ND                | U     |
| 90 1,2,4-Trimethylbenzene      | 105 | 22.353    | 22.353        | 0.000         | 97  | 141201   | 0.3172            |       |
| 91 sec-Butylbenzene            | 105 | 22.593    | 22.593        | 0.000         | 67  | 6519     | 0.009840          | 7M    |
| 92 1,3-Dichlorobenzene         | 146 |           | 22.765        |               |     |          | ND                | 7     |
| 93 4-Isopropyltoluene          | 119 | 22.813    | 22.807        | 0.006         | 93  | 13316    | 0.0235            |       |
| 94 1,4-Dichlorobenzene         | 146 |           | 22.909        |               |     |          | ND                | 7     |
| 95 Benzyl chloride             | 91  |           | 23.053        |               |     |          | ND                | U     |
| 96 n-Butylbenzene              | 91  | 23.358    | 23.364        | -0.006        | 91  | 13594    | 0.0277            |       |
| 97 1,2-Dichlorobenzene         | 146 |           | 23.396        |               |     |          | ND                | 7     |
| 100 1,2,4-Trichlorobenzene     | 180 |           | 25.835        |               |     |          | ND                | 7     |
| 101 Hexachlorobutadiene        | 225 |           | 26.076        |               |     |          | ND                | 7     |
| 102 Naphthalene                | 128 | 26.306    | 26.317        | -0.005        | 94  | 14169    | 0.0401            |       |

### QC Flag Legend

Processing Flags

7 - Failed Limit of Detection

Review Flags

M - Manually Integrated

U - Marked Undetected

**Reagents:**

ATTO15WISs\_00009

Amount Added: 20.00

Units: mL

Run Reagent

Report Date: 21-Dec-2020 13:01:03

Chrom Revision: 2.3 09-Dec-2020 16:22:14

Eurofins TestAmerica, Burlington

Data File: \\chromfs\Burlington\ChromData\CHW.i\20201218-44134.b\44134-020.d

Injection Date: 19-Dec-2020 01:48:30

Instrument ID: CHW.i

Operator ID: ggg

Lims ID: 200-56451-A-3

Lab Sample ID: 200-56451-3

Worklist Smp#: 20

Client ID: SG-203

Purge Vol: 200.000 mL

Dil. Factor: 1.0000

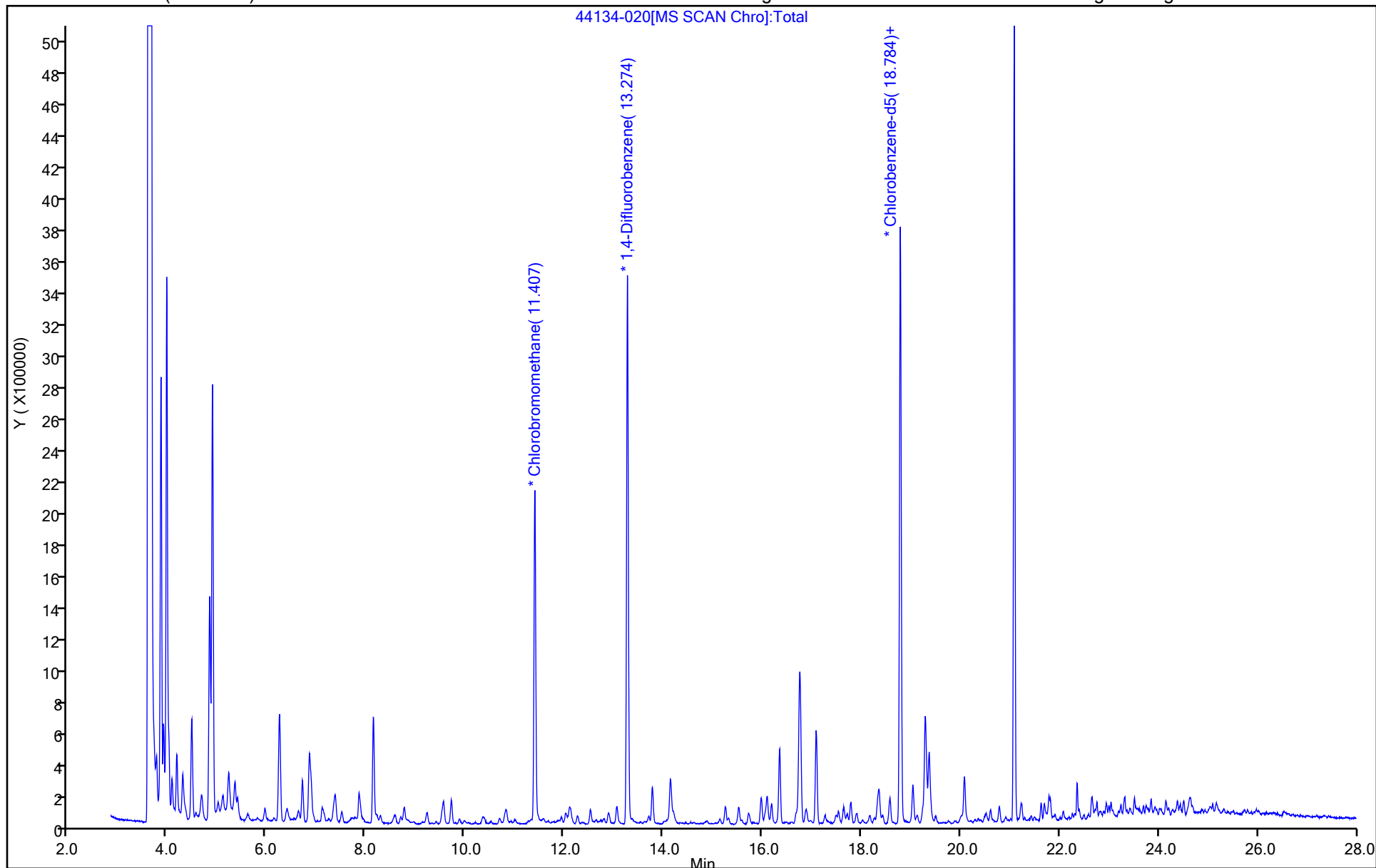
ALS Bottle#: 19

Method: TO15\_TO3\_MasterMethod\_W

Limit Group: AI\_TO15\_ICAL

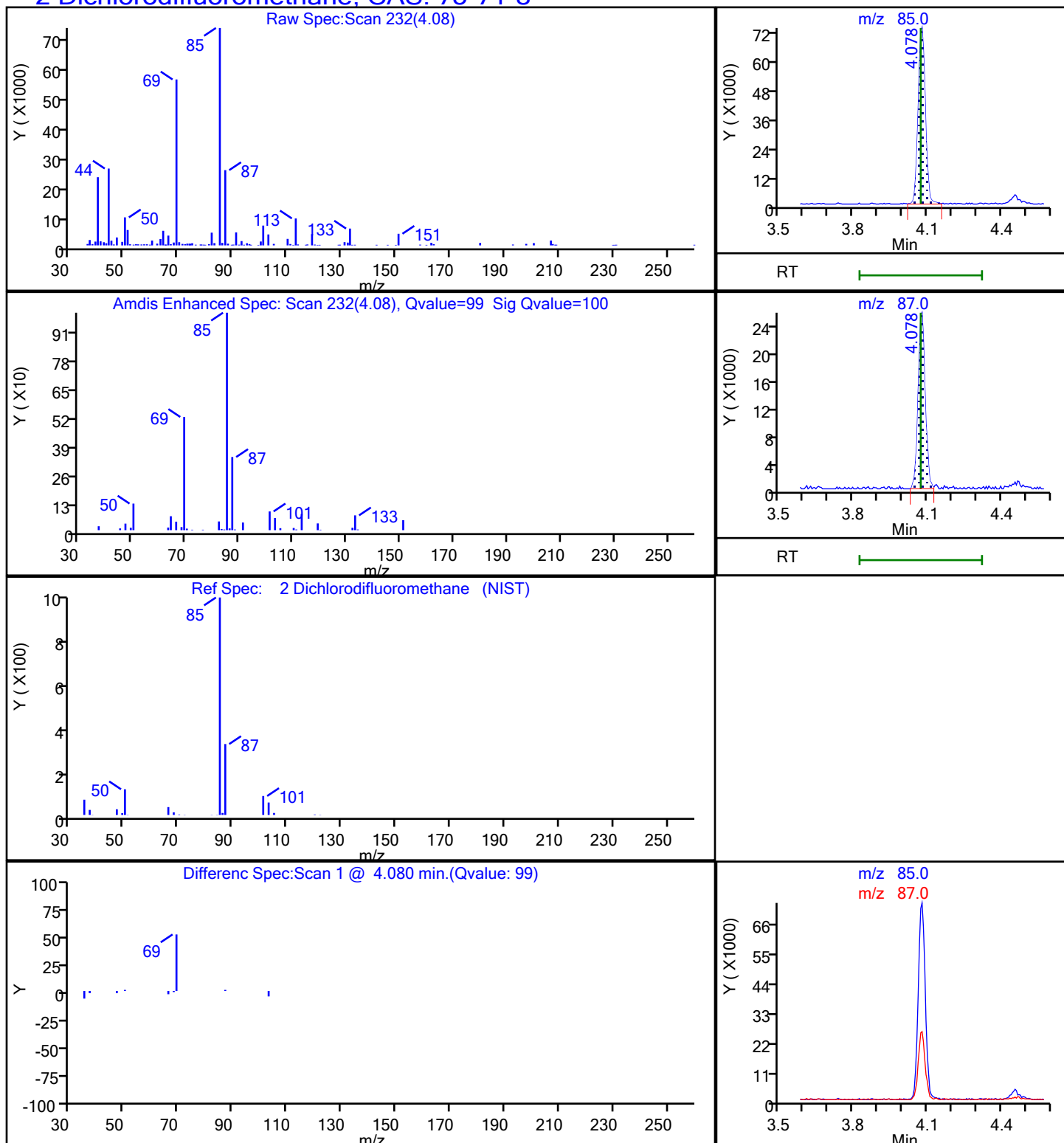
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Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



## Eurofins TestAmerica, Burlington

Data File: \\chromfs\Burlington\ChromData\CHW.i\20201218-44134.b\44134-020.d  
Injection Date: 19-Dec-2020 01:48:30 Instrument ID: CHW.i  
Lims ID: 200-56451-A-3 Lab Sample ID: 200-56451-3  
Client ID: SG-203  
Operator ID: ggg ALS Bottle#: 19 Worklist Smp#: 20  
Purge Vol: 200.000 mL Dil. Factor: 1.0000  
Method: TO15\_TO3\_MasterMethod\_W Limit Group: AI\_TO15\_ICAL  
Column: RTX-624 ( 0.32 mm) Detector MS SCAN

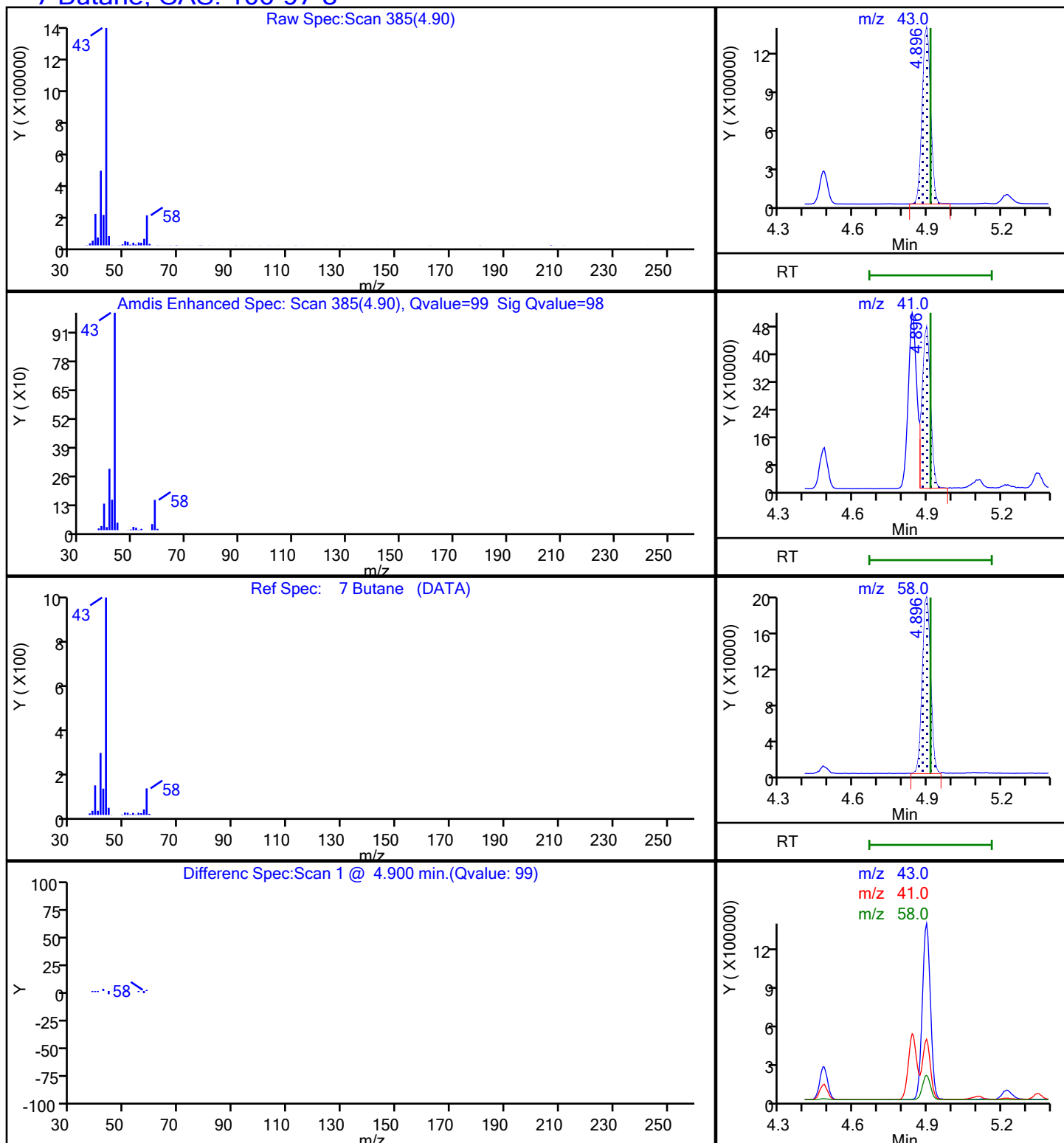
**2 Dichlorodifluoromethane, CAS: 75-71-8**

Eurofins TestAmerica, Burlington

|                 |                                                                   |                |              |
|-----------------|-------------------------------------------------------------------|----------------|--------------|
| Data File:      | \\chromfs\Burlington\ChromData\CHW.i\20201218-44134.b\44134-020.d |                |              |
| Injection Date: | 19-Dec-2020 01:48:30                                              | Instrument ID: | CHW.i        |
| Lims ID:        | 200-56451-A-3                                                     | Lab Sample ID: | 200-56451-3  |
| Client ID:      | SG-203                                                            |                |              |
| Operator ID:    | ggg                                                               | ALS Bottle#:   | 19 W         |
| Purge Vol:      | 200.000 mL                                                        | Dil. Factor:   | 1.0000       |
| Method:         | TO15_TO3_MasterMethod_W                                           | Limit Group:   | AI_TO15_ICAL |
| Column:         | RTX-624 ( 0.32 mm)                                                | Detector       | MS SCAN      |

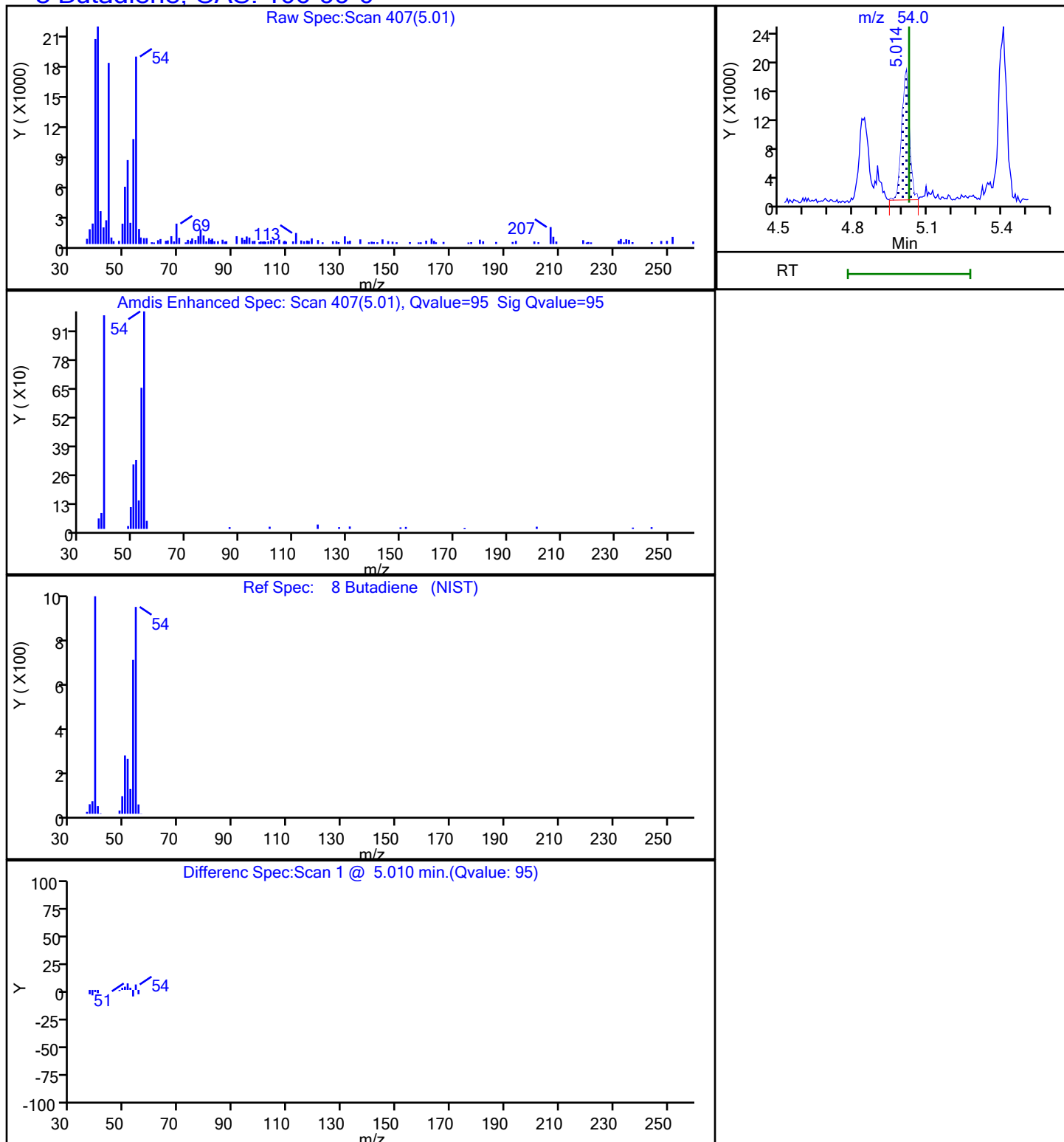
ALS Bottle#: 19 Worklist Smp#: 20  
Dil. Factor: 1.0000  
Limit Group: AI\_TO15\_ICAL  
Detector: MS SCAN

7 Butane, CAS: 106-97-8



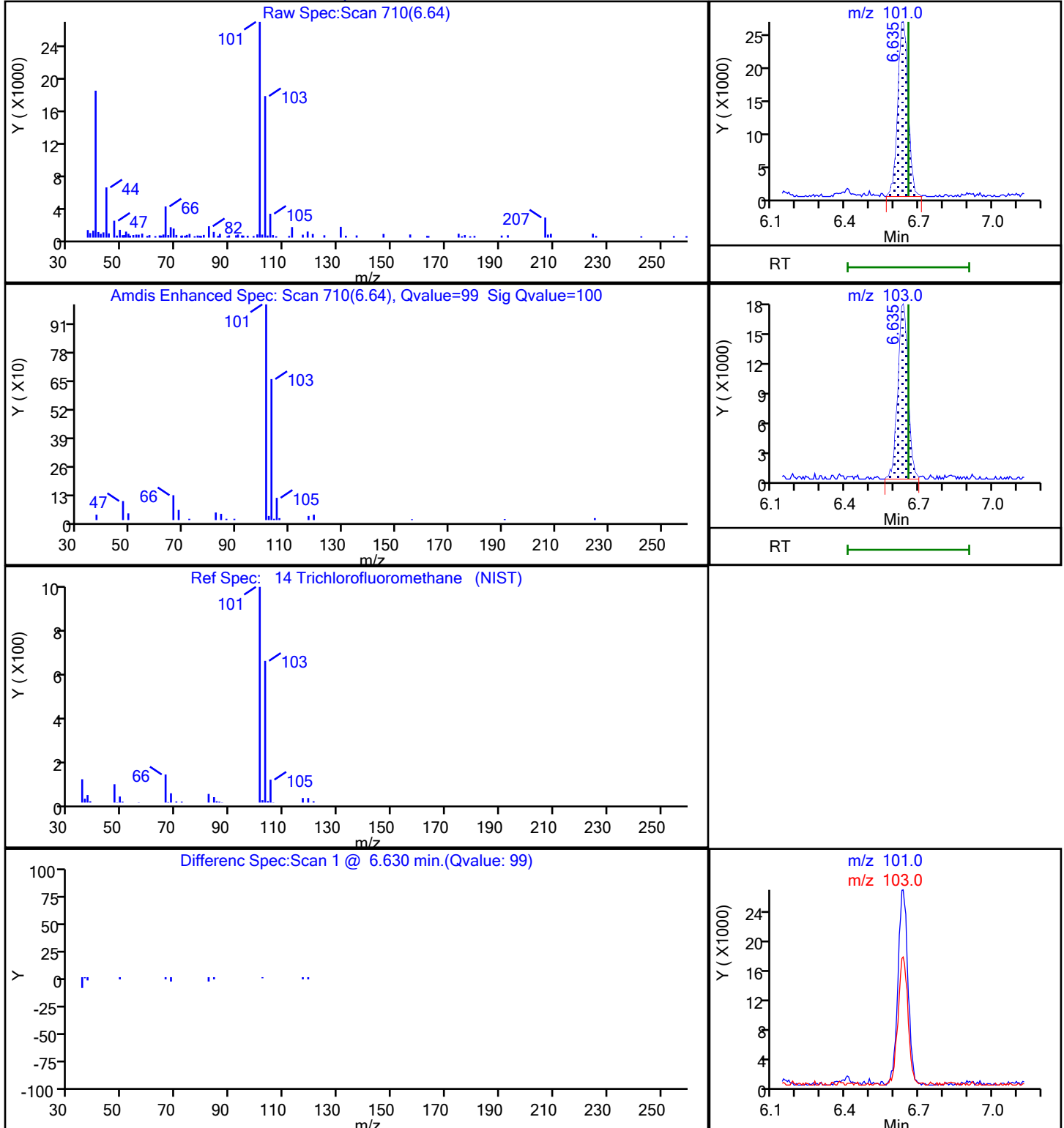
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Lims ID: 200-56451-A-3 Lab Sample ID: 200-56451-3  
Client ID: SG-203  
Operator ID: ggg ALS Bottle#: 19 Worklist Smp#: 20  
Purge Vol: 200.000 mL Dil. Factor: 1.0000  
Method: TO15\_TO3\_MasterMethod\_W Limit Group: AI\_TO15\_ICAL  
Column: RTX-624 ( 0.32 mm) Detector MS SCAN

**8 Butadiene, CAS: 106-99-0**

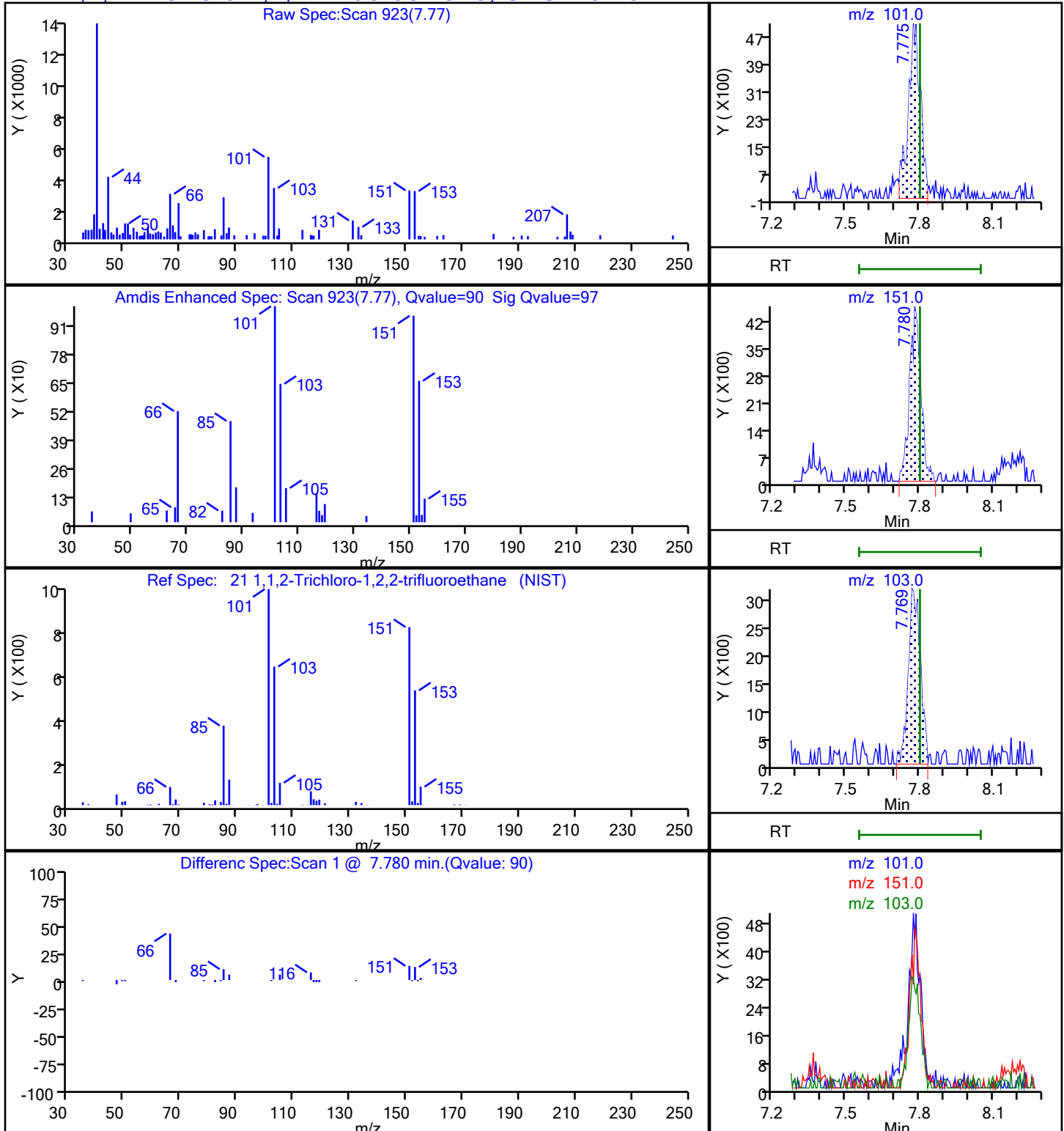
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Injection Date: 19-Dec-2020 01:48:30 Instrument ID: CHW.i  
Lims ID: 200-56451-A-3 Lab Sample ID: 200-56451-3  
Client ID: SG-203  
Operator ID: ggg ALS Bottle#: 19 Worklist Smp#: 20  
Purge Vol: 200.000 mL Dil. Factor: 1.0000  
Method: TO15\_TO3\_MasterMethod\_W Limit Group: AI\_TO15\_ICAL  
Column: RTX-624 ( 0.32 mm) Detector MS SCAN

**14 Trichlorofluoromethane, CAS: 75-69-4**

Eurofins TestAmerica, Burlington

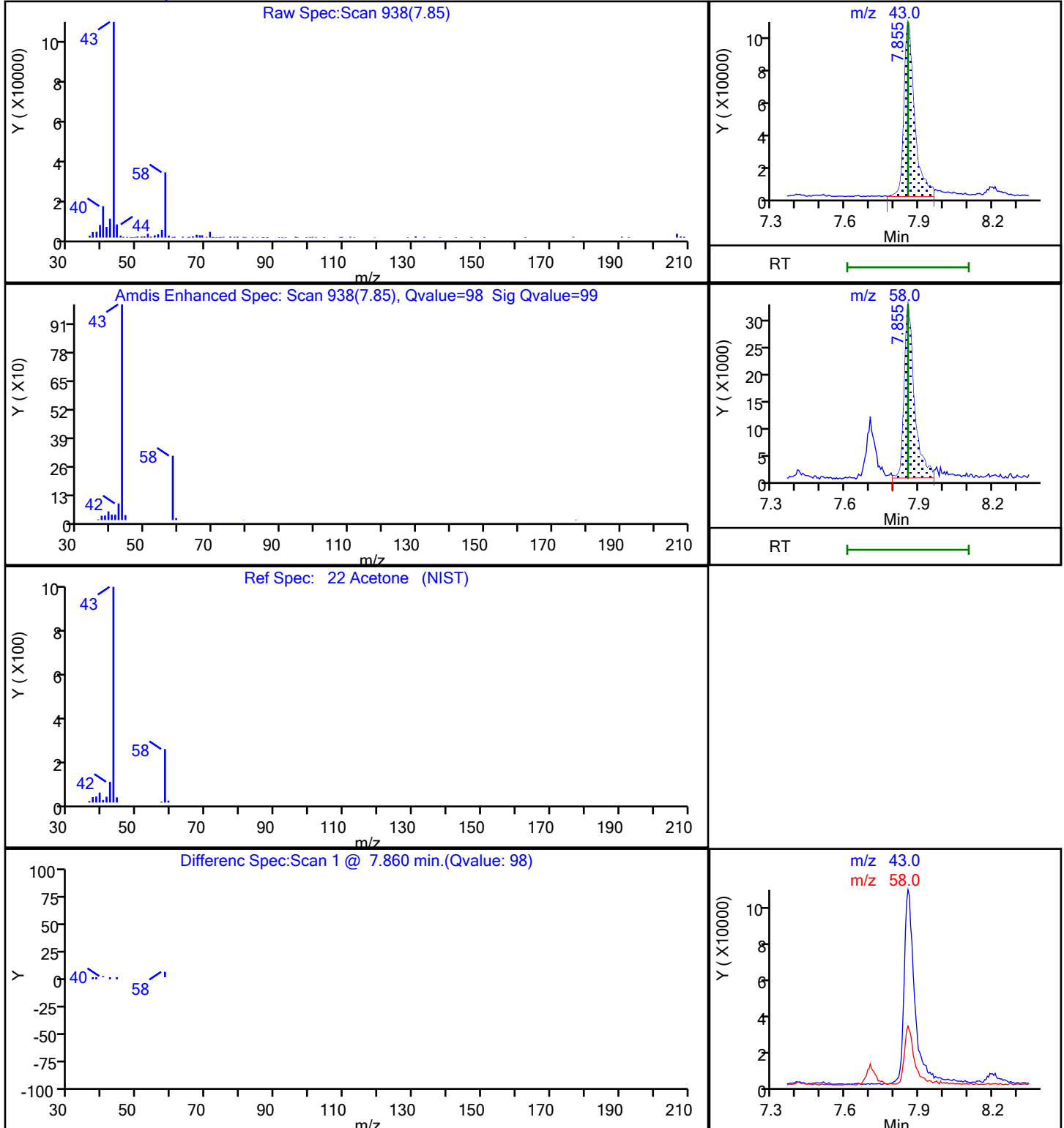
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Injection Date: 19-Dec-2020 01:48:30 Instrument ID: CHW.i  
Lims ID: 200-56451-A-3 Lab Sample ID: 200-56451-3  
Client ID: SG-203  
Operator ID: ggg ALS Bottle#: 19 Worklist Smp#: 20  
Purge Vol: 200.000 mL Dil. Factor: 1.0000  
Method: TO15\_TO3\_MasterMethod\_W Limit Group: AI\_TO15\_ICAL  
Column: RTX-624 ( 0.32 mm) Detector MS SCAN

**21 1,1,2-Trichloro-1,2,2-trifluoroethane, CAS: 76-13-1**



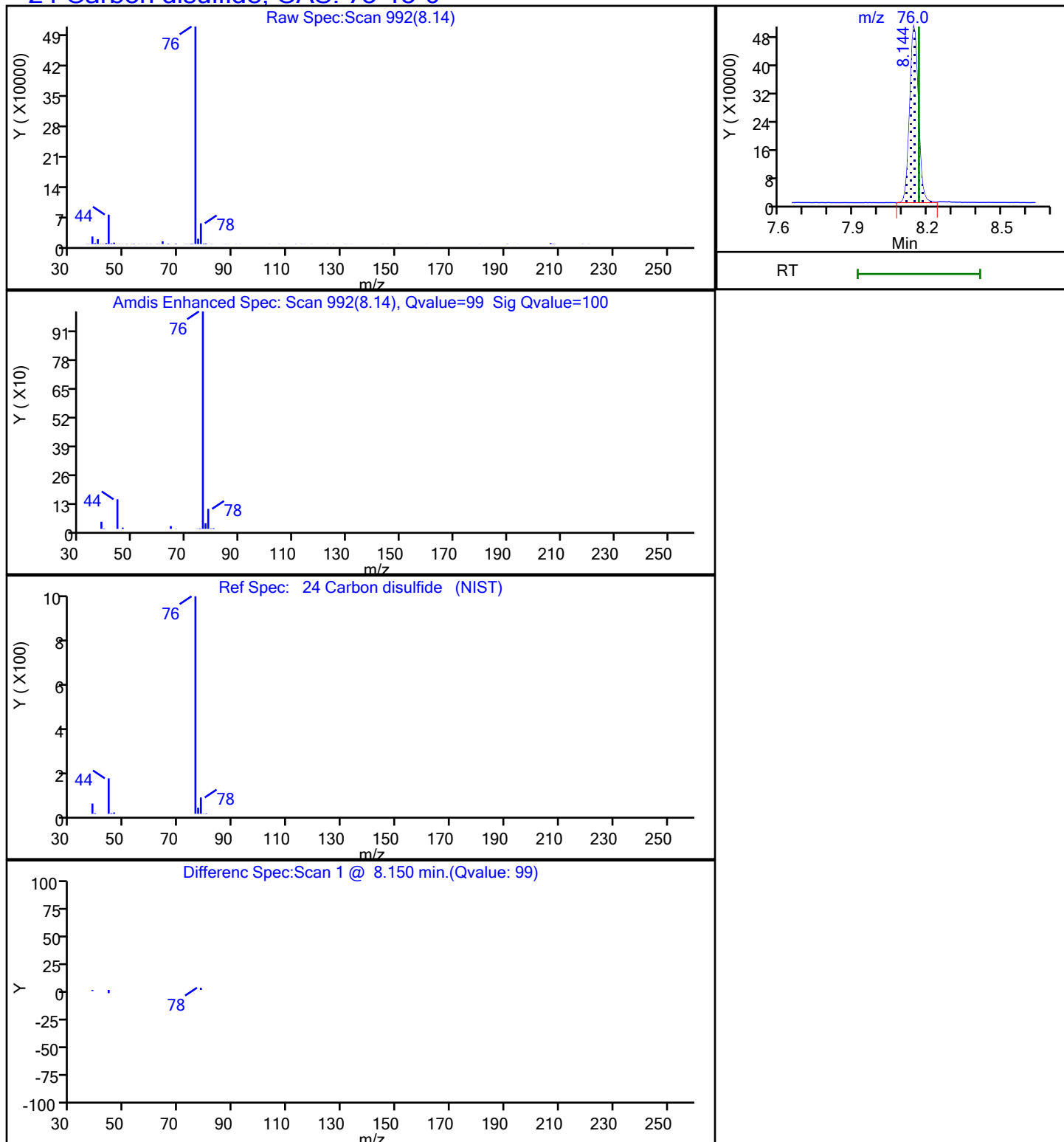
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Injection Date: 19-Dec-2020 01:48:30 Instrument ID: CHW.i  
Lims ID: 200-56451-A-3 Lab Sample ID: 200-56451-3  
Client ID: SG-203  
Operator ID: ggg ALS Bottle#: 19 Worklist Smp#: 20  
Purge Vol: 200.000 mL Dil. Factor: 1.0000  
Method: TO15\_TO3\_MasterMethod\_W Limit Group: AI\_TO15\_ICAL  
Column: RTX-624 ( 0.32 mm) Detector: MS SCAN

**22 Acetone, CAS: 67-64-1**

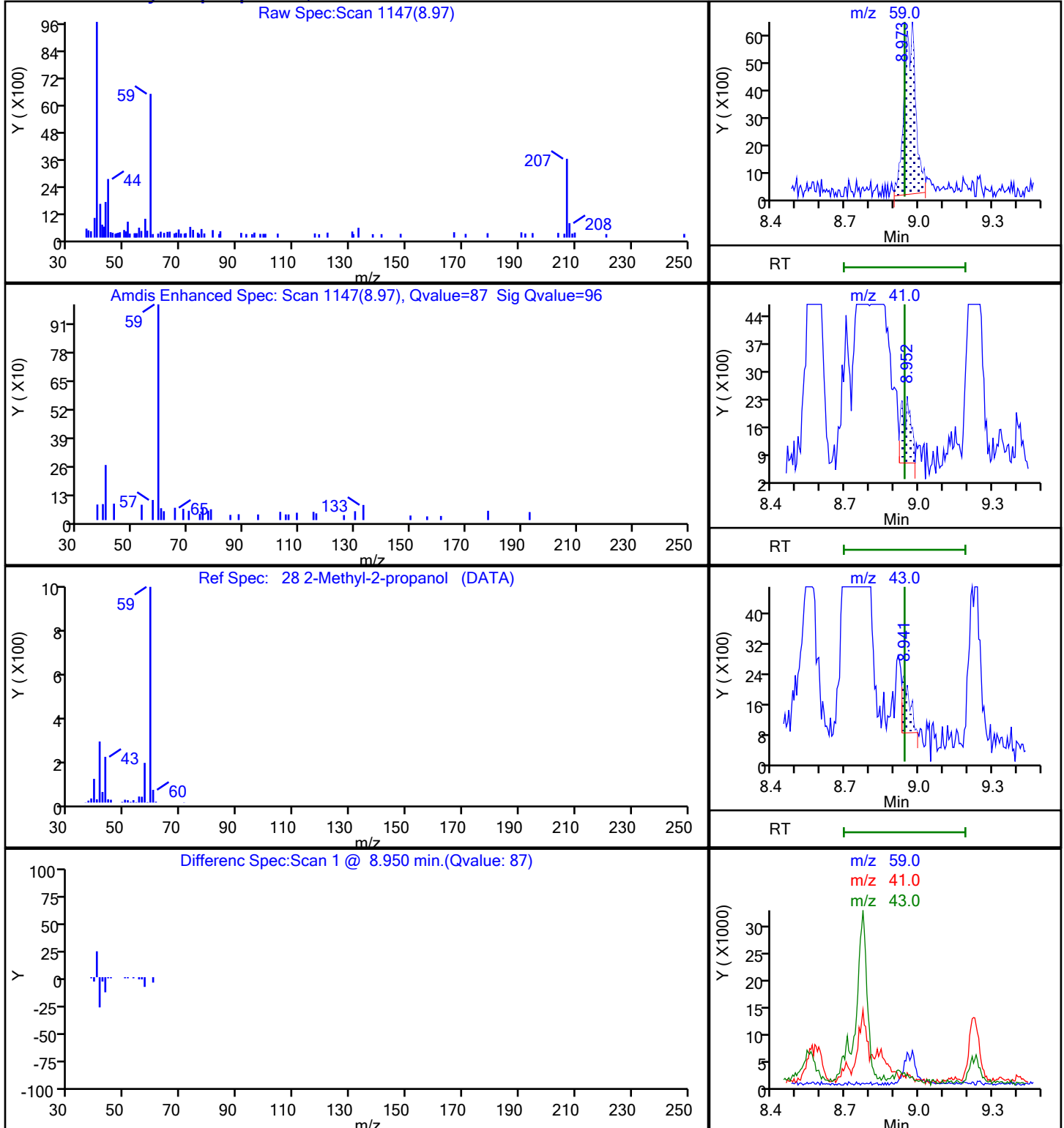
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Lims ID: 200-56451-A-3 Lab Sample ID: 200-56451-3  
Client ID: SG-203  
Operator ID: ggg ALS Bottle#: 19 Worklist Smp#: 20  
Purge Vol: 200.000 mL Dil. Factor: 1.0000  
Method: TO15\_TO3\_MasterMethod\_W Limit Group: AI\_TO15\_ICAL  
Column: RTX-624 ( 0.32 mm) Detector MS SCAN

**24 Carbon disulfide, CAS: 75-15-0**

Eurofins TestAmerica, Burlington

Data File: \\chromfs\Burlington\ChromData\CHW.i\20201218-44134.b\44134-020.d  
Injection Date: 19-Dec-2020 01:48:30 Instrument ID: CHW.i  
Lims ID: 200-56451-A-3 Lab Sample ID: 200-56451-3  
Client ID: SG-203  
Operator ID: ggg ALS Bottle#: 19 Worklist Smp#: 20  
Purge Vol: 200.000 mL Dil. Factor: 1.0000  
Method: TO15\_TO3\_MasterMethod\_W Limit Group: AI\_TO15\_ICAL  
Column: RTX-624 ( 0.32 mm) Detector MS SCAN

**28 2-Methyl-2-propanol, CAS: 75-65-0**

## Eurofins TestAmerica, Burlington

Data File: \\chromfs\Burlington\ChromData\CHW.i\20201218-44134.b\44134-020.d

Injection Date: 19-Dec-2020 01:48:30

Instrument ID: CHW.i

Lims ID: 200-56451-A-3

Lab Sample ID: 200-56451-3

Client ID: SG-203

Operator ID: ggg

ALS Bottle#: 19

Worklist Smp#: 20

Purge Vol: 200.000 mL

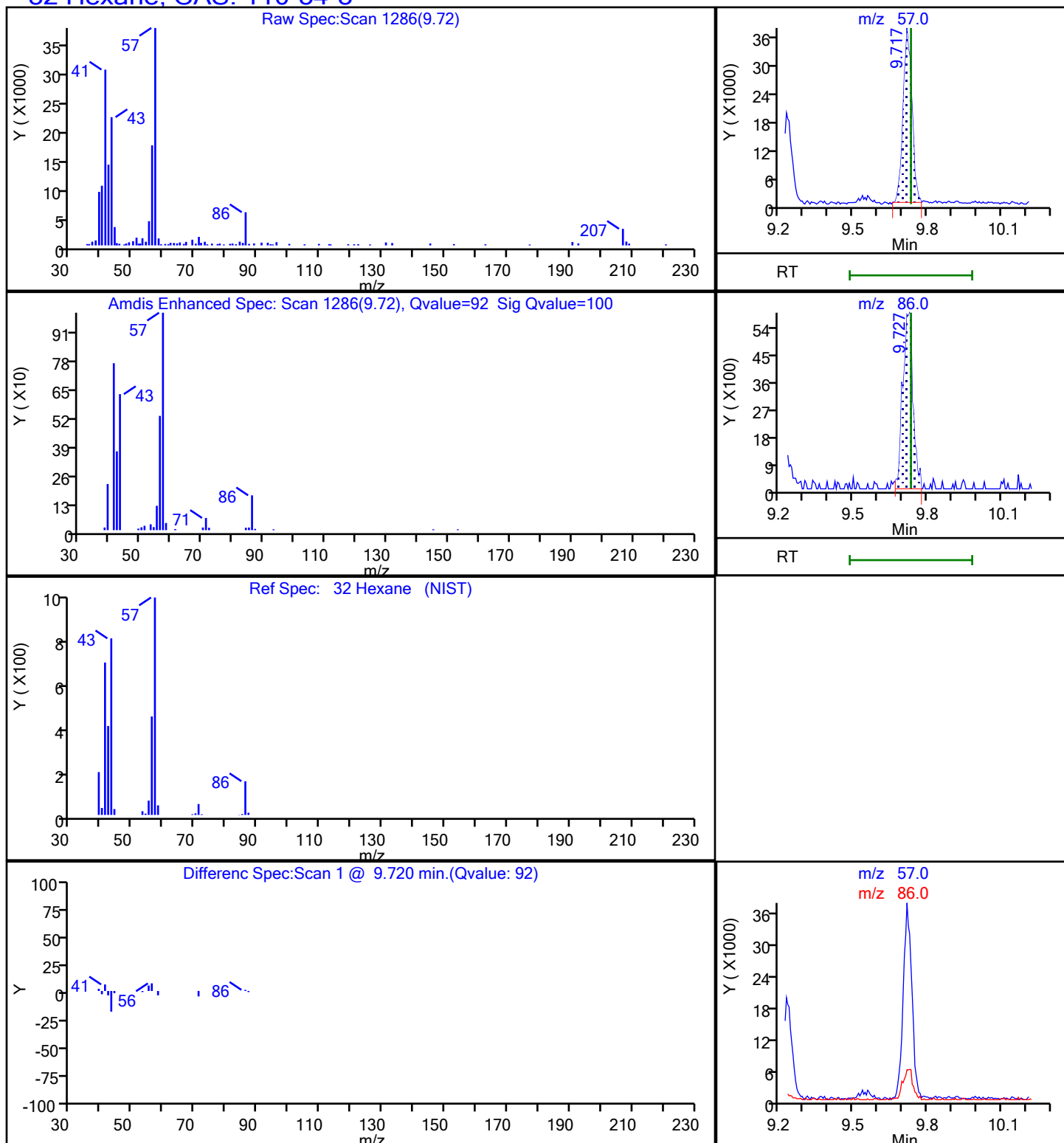
Dil. Factor: 1.0000

Method: TO15\_TO3\_MasterMethod\_W

Limit Group: AI\_TO15\_ICAL

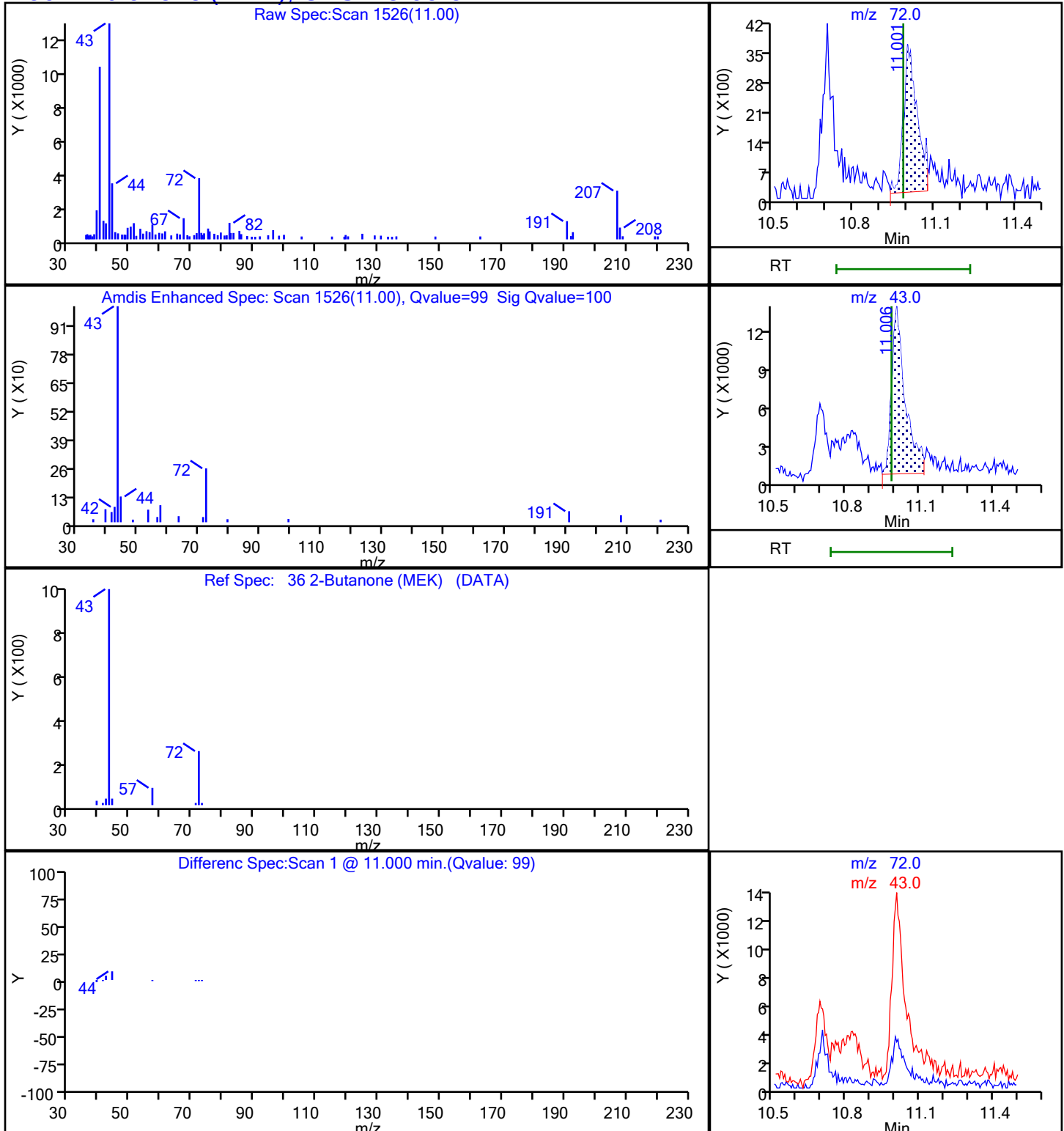
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Detector: MS SCAN

**32 Hexane, CAS: 110-54-3**

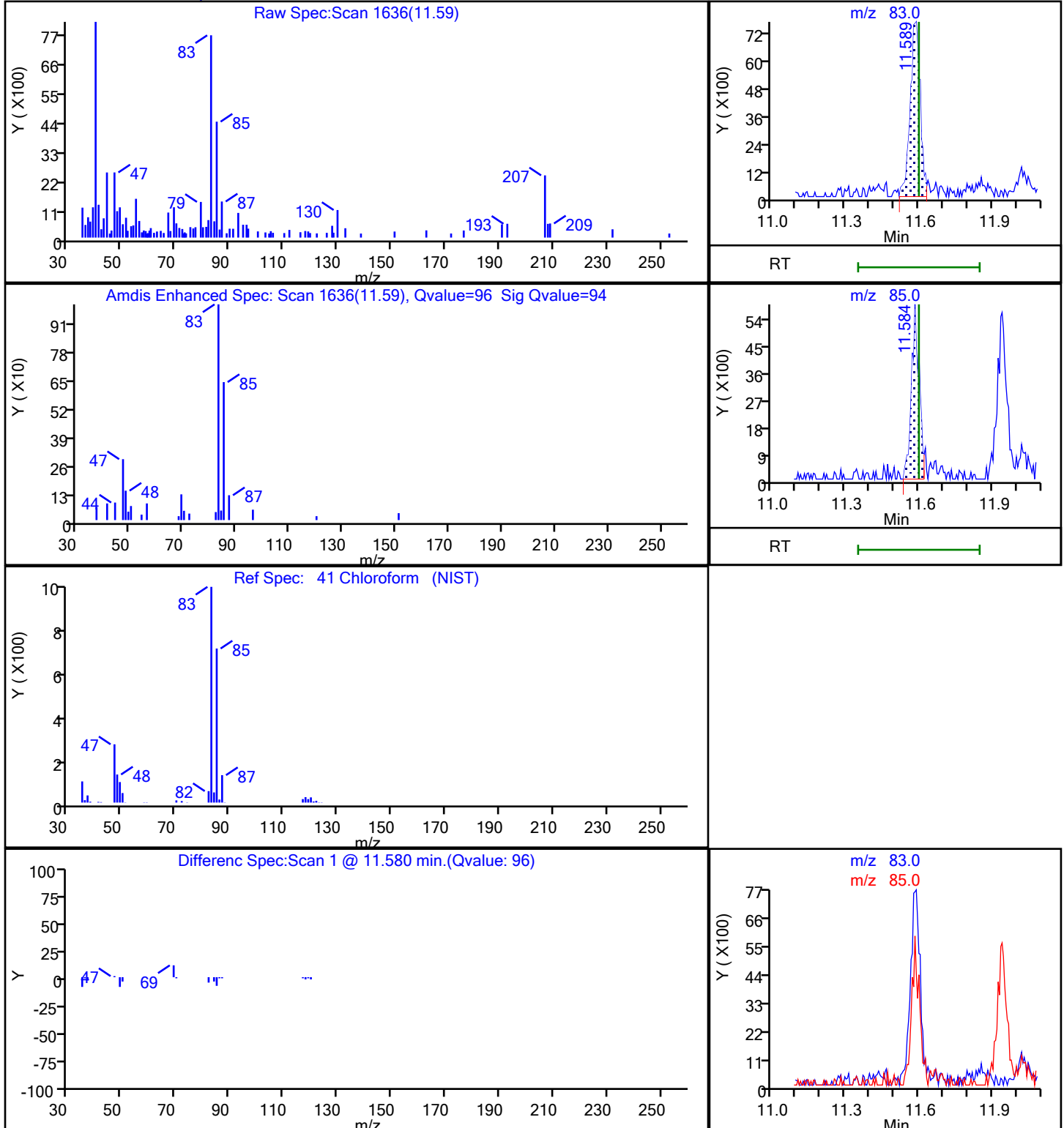
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Injection Date: 19-Dec-2020 01:48:30 Instrument ID: CHW.i  
Lims ID: 200-56451-A-3 Lab Sample ID: 200-56451-3  
Client ID: SG-203  
Operator ID: ggg ALS Bottle#: 19 Worklist Smp#: 20  
Purge Vol: 200.000 mL Dil. Factor: 1.0000  
Method: TO15\_TO3\_MasterMethod\_W Limit Group: AI\_TO15\_ICAL  
Column: RTX-624 ( 0.32 mm) Detector: MS SCAN

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

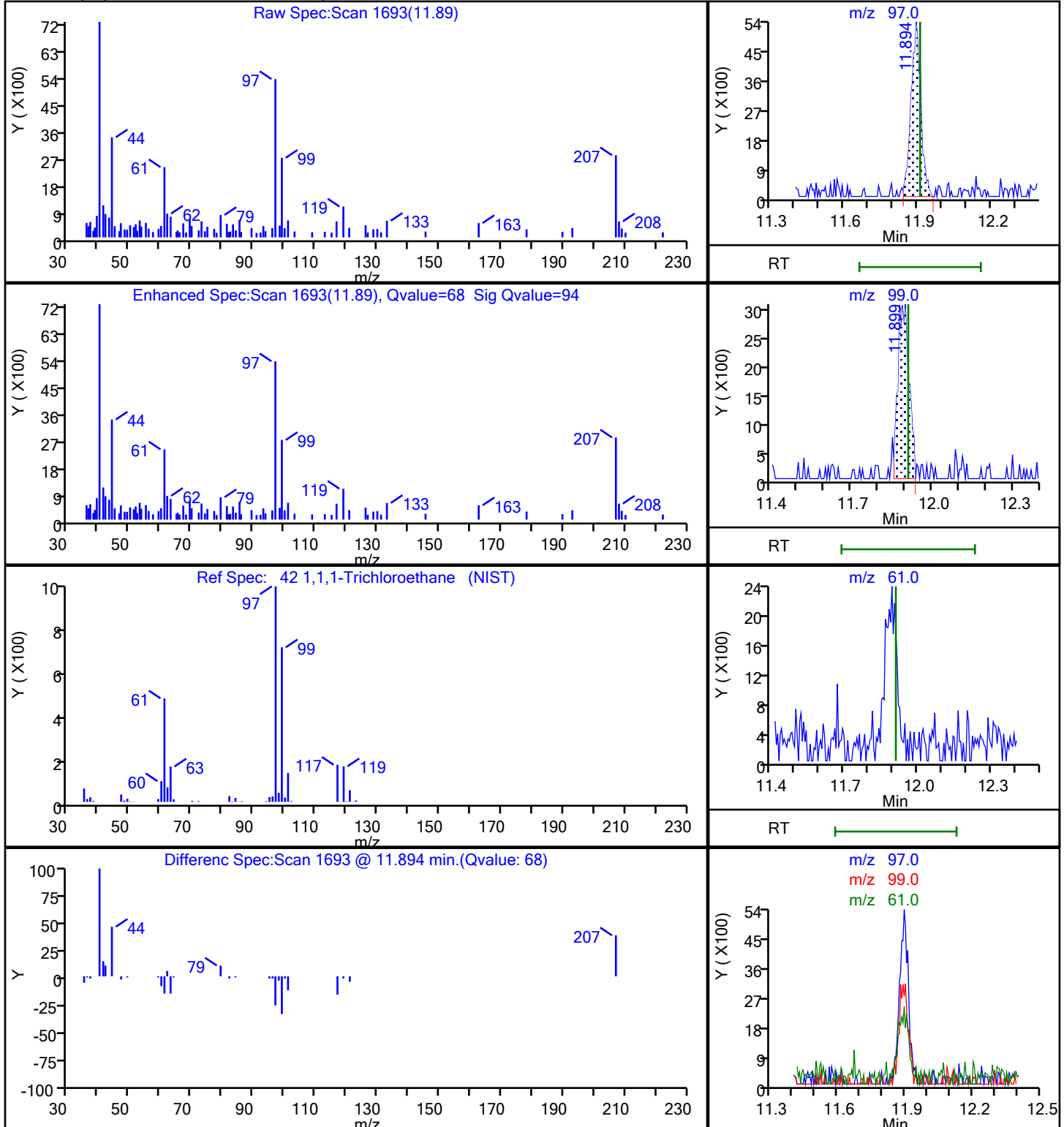
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Injection Date: 19-Dec-2020 01:48:30 Instrument ID: CHW.i  
Lims ID: 200-56451-A-3 Lab Sample ID: 200-56451-3  
Client ID: SG-203  
Operator ID: ggg ALS Bottle#: 19 Worklist Smp#: 20  
Purge Vol: 200.000 mL Dil. Factor: 1.0000  
Method: TO15\_TO3\_MasterMethod\_W Limit Group: AI\_TO15\_ICAL  
Column: RTX-624 ( 0.32 mm) Detector MS SCAN

**41 Chloroform, CAS: 67-66-3**

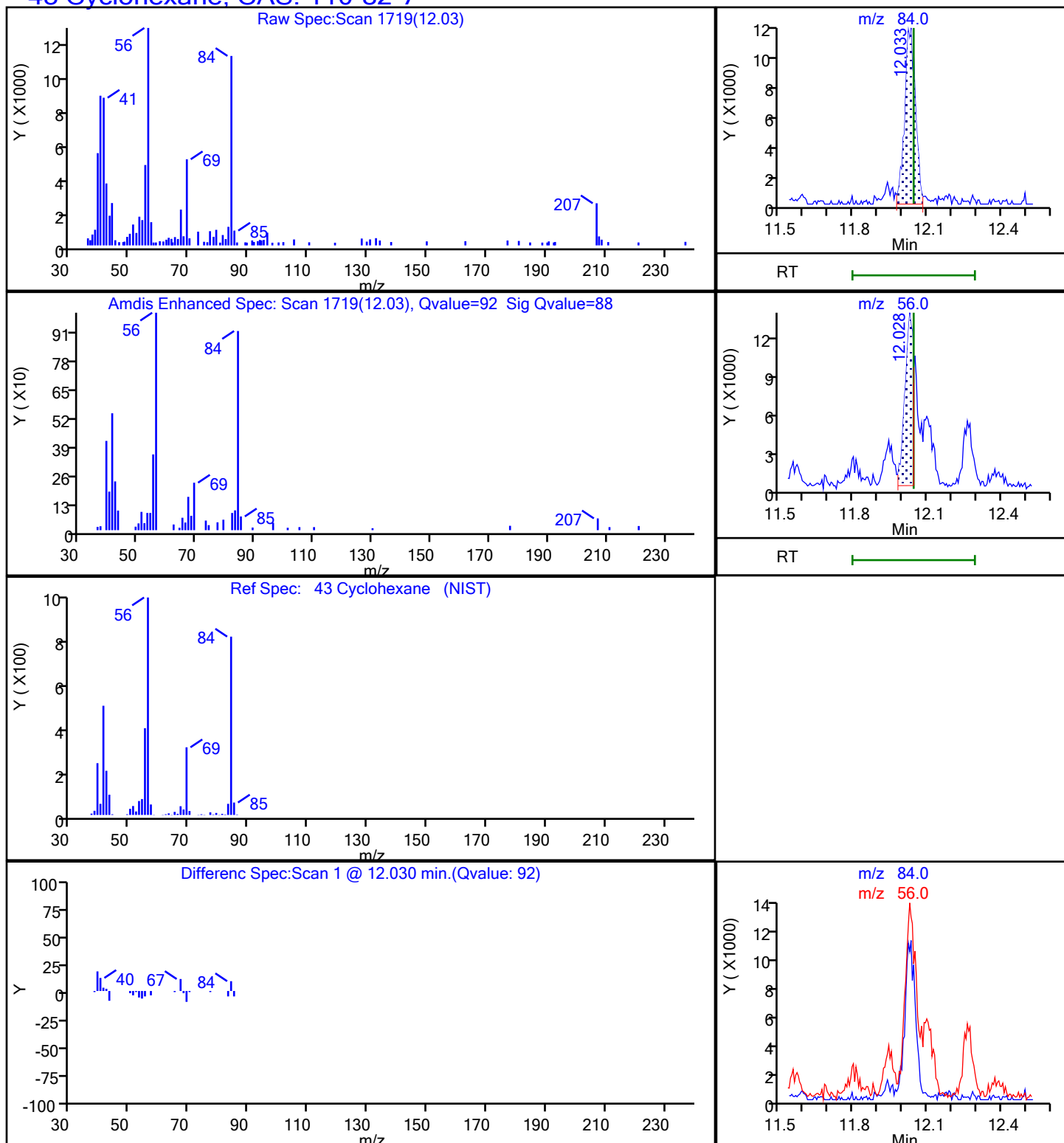
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Injection Date: 19-Dec-2020 01:48:30 Instrument ID: CHW.i  
Lims ID: 200-56451-A-3 Lab Sample ID: 200-56451-3  
Client ID: SG-203  
Operator ID: ggg ALS Bottle#: 19 Worklist Smp#: 20  
Purge Vol: 200.000 mL Dil. Factor: 1.0000  
Method: TO15\_TO3\_MasterMethod\_W Limit Group: AI\_TO15\_ICAL  
Column: RTX-624 ( 0.32 mm) Detector MS SCAN

**42 1,1,1-Trichloroethane, CAS: 71-55-6**

## Eurofins TestAmerica, Burlington

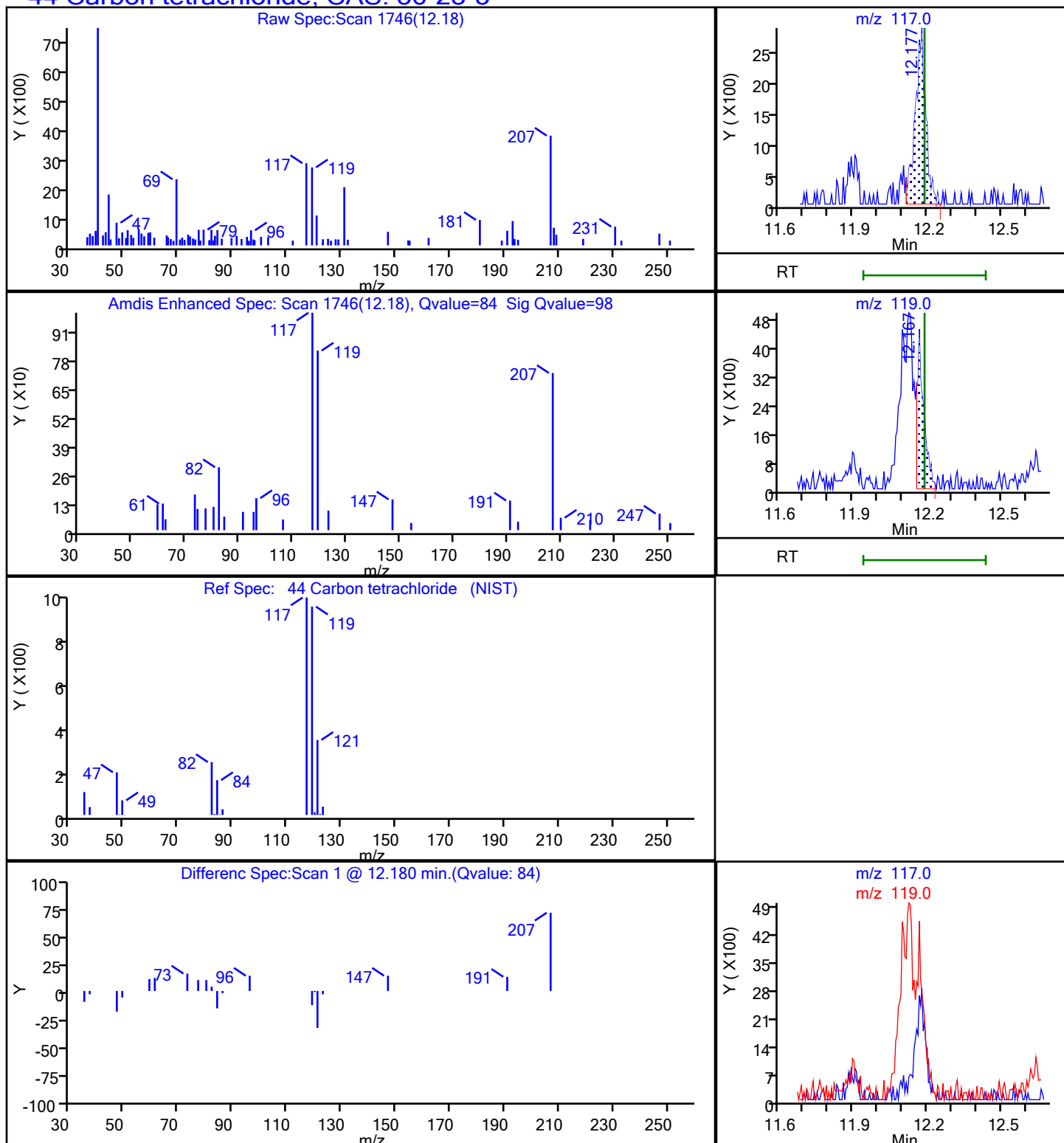
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Injection Date: 19-Dec-2020 01:48:30 Instrument ID: CHW.i  
Lims ID: 200-56451-A-3 Lab Sample ID: 200-56451-3  
Client ID: SG-203  
Operator ID: ggg ALS Bottle#: 19 Worklist Smp#: 20  
Purge Vol: 200.000 mL Dil. Factor: 1.0000  
Method: TO15\_TO3\_MasterMethod\_W Limit Group: AI\_TO15\_ICAL  
Column: RTX-624 ( 0.32 mm) Detector: MS SCAN

**43 Cyclohexane, CAS: 110-82-7**



Eurofins TestAmerica, Burlington

Data File: \\chromfs\Burlington\ChromData\CHW.i\20201218-44134.b\44134-020.d  
Injection Date: 19-Dec-2020 01:48:30 Instrument ID: CHW.i  
Lims ID: 200-56451-A-3 Lab Sample ID: 200-56451-3  
Client ID: SG-203  
Operator ID: ggg ALS Bottle#: 19 Worklist Smp#: 20  
Purge Vol: 200.000 mL Dil. Factor: 1.0000  
Method: TO15\_TO3\_MasterMethod\_W Limit Group: AI\_TO15\_ICAL  
Column: RTX-624 ( 0.32 mm) Detector MS SCAN

**44 Carbon tetrachloride, CAS: 56-23-5**

Eurofins TestAmerica, Burlington

Data File: \\chromfs\Burlington\ChromData\CHW.i\20201218-44134.b\44134-020.d

Injection Date: 19-Dec-2020 01:48:30

Instrument ID: CHW.i

Lims ID: 200-56451-A-3

Lab Sample ID: 200-56451-3

Client ID: SG-203

Operator ID: ggg

ALS Bottle#: 19

Worklist Smp#: 20

Purge Vol: 200.000 mL

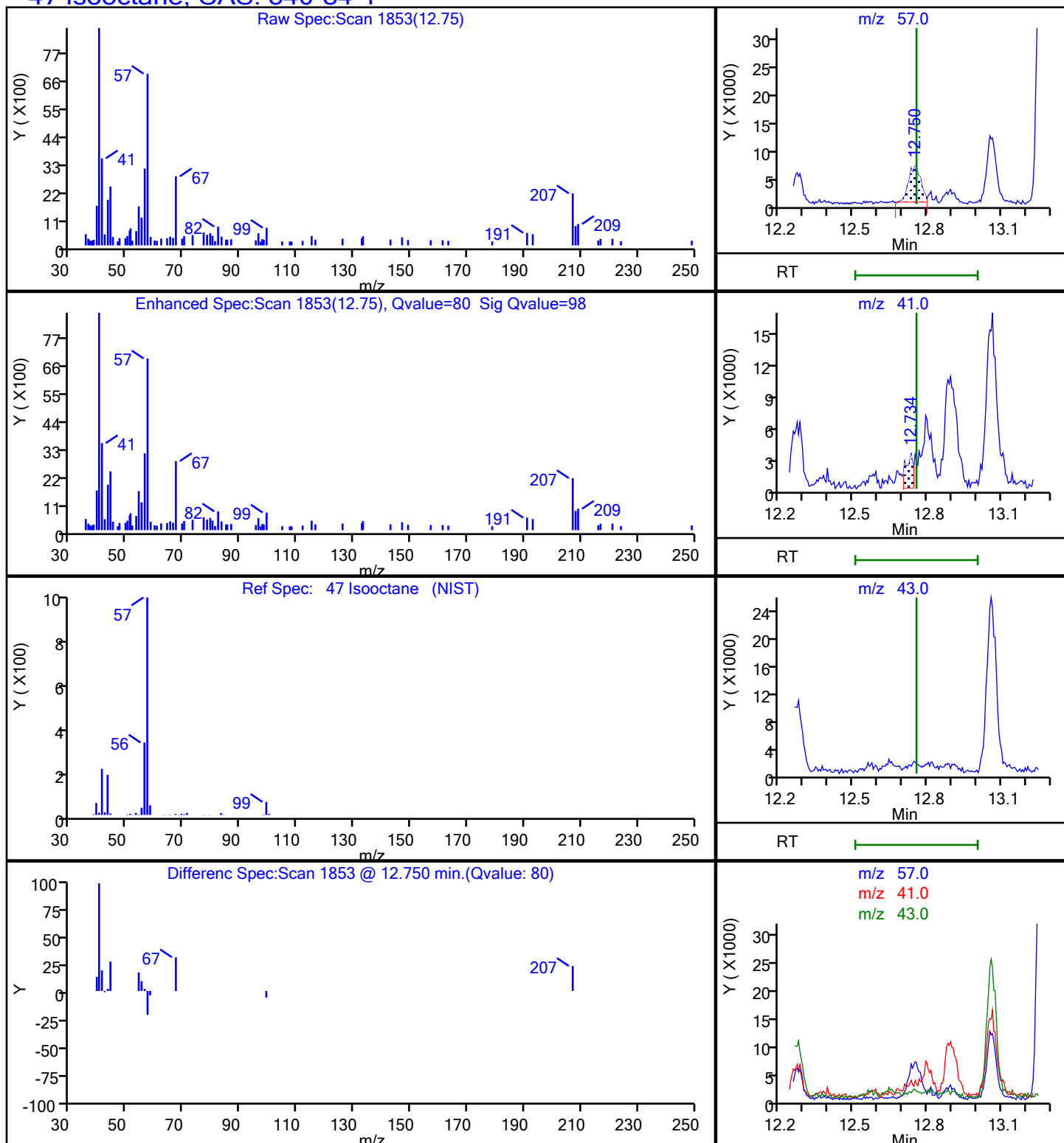
Dil. Factor: 1.0000

Method: TO15\_TO3\_MasterMethod\_W

Limit Group: AI\_TO15\_ICAL

Column: RTX-624 ( 0.32 mm)

Detector: MS SCAN

**47 Isooctane, CAS: 540-84-1**

## Eurofins TestAmerica, Burlington

Data File: \\chromfs\Burlington\ChromData\CHW.i\20201218-44134.b\44134-020.d

Injection Date: 19-Dec-2020 01:48:30

Instrument ID: CHW.i

Lims ID: 200-56451-A-3

Lab Sample ID: 200-56451-3

Client ID: SG-203

Operator ID: ggg

ALS Bottle#: 19

Worklist Smp#: 20

Purge Vol: 200.000 mL

Dil. Factor: 1.0000

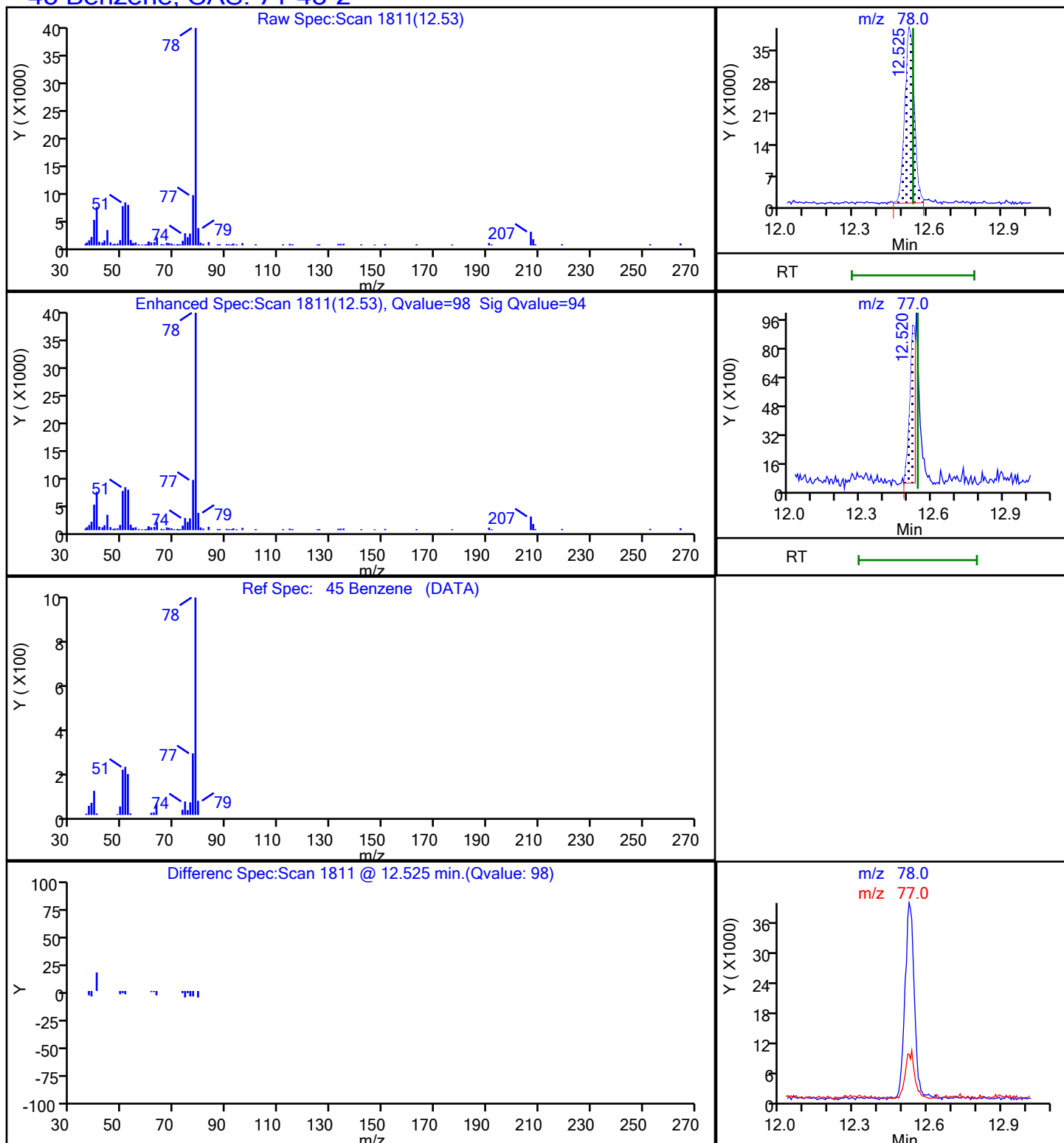
Method: TO15\_TO3\_MasterMethod\_W

Limit Group: AI\_TO15\_ICAL

Column: RTX-624 ( 0.32 mm)

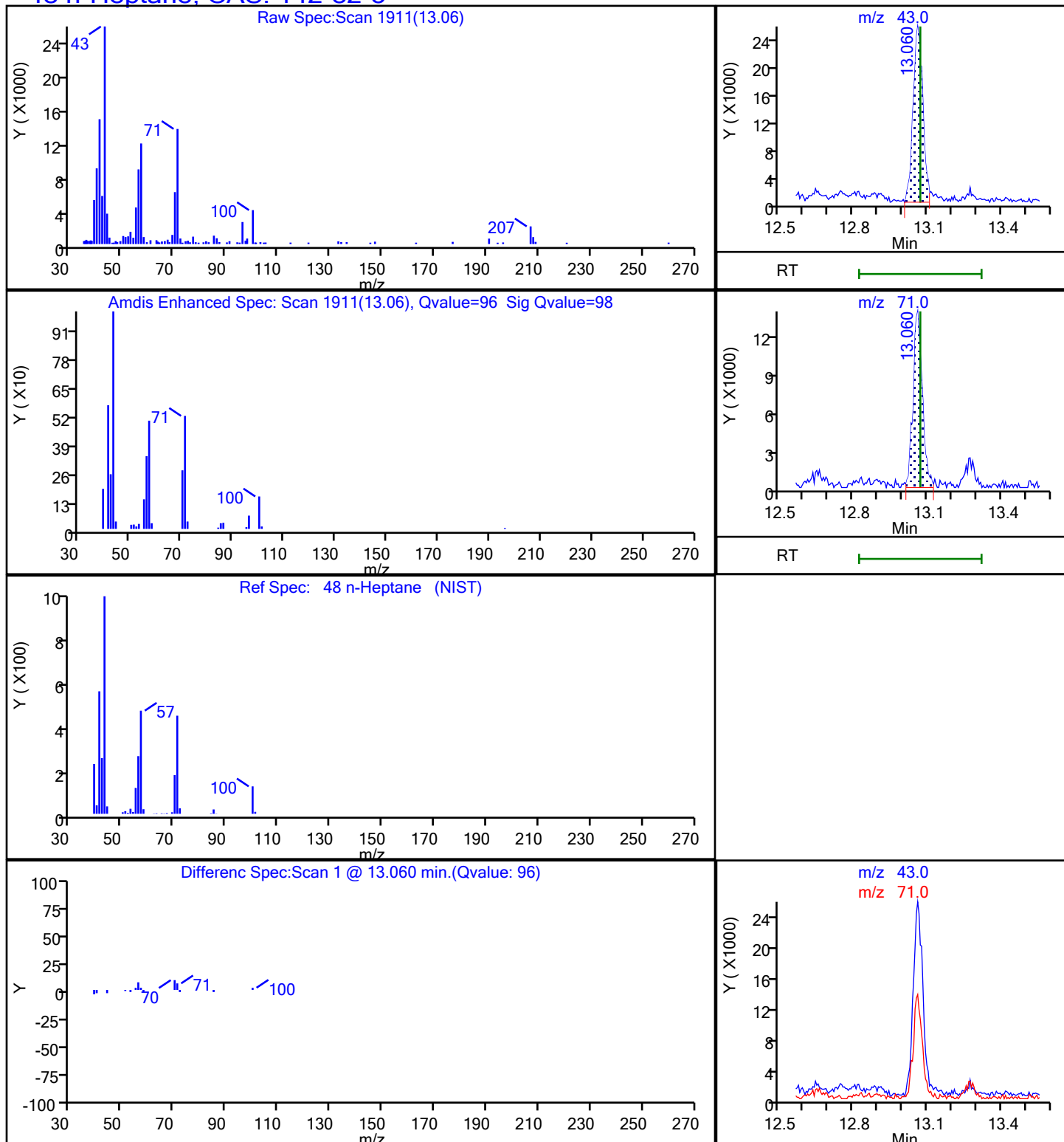
Detector: MS SCAN

## 45 Benzene, CAS: 71-43-2



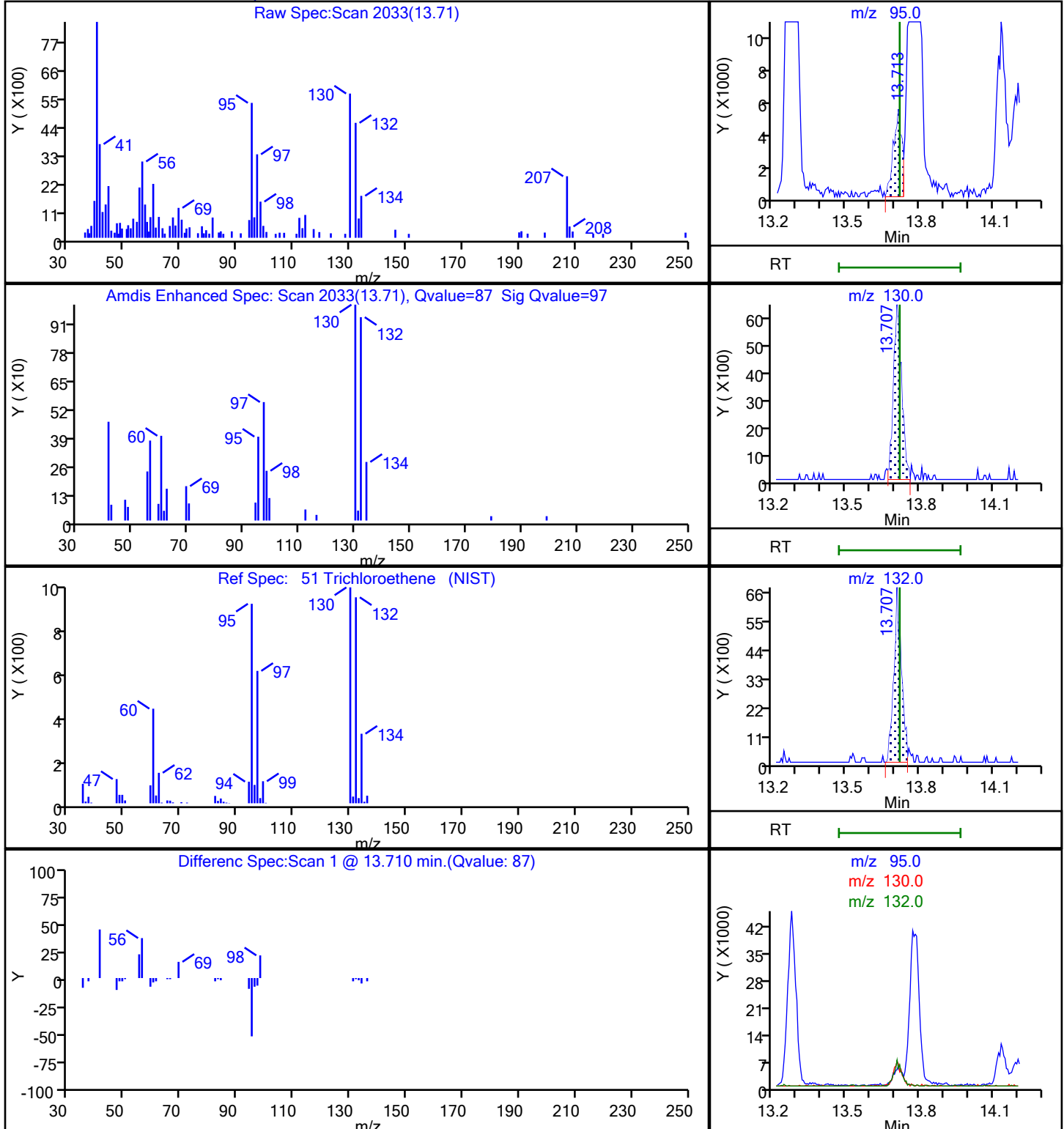
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Data File: \\chromfs\Burlington\ChromData\CHW.i\20201218-44134.b\44134-020.d  
Injection Date: 19-Dec-2020 01:48:30 Instrument ID: CHW.i  
Lims ID: 200-56451-A-3 Lab Sample ID: 200-56451-3  
Client ID: SG-203  
Operator ID: ggg ALS Bottle#: 19 Worklist Smp#: 20  
Purge Vol: 200.000 mL Dil. Factor: 1.0000  
Method: TO15\_TO3\_MasterMethod\_W Limit Group: AI\_TO15\_ICAL  
Column: RTX-624 ( 0.32 mm) Detector MS SCAN

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

## Eurofins TestAmerica, Burlington

Data File: \\chromfs\Burlington\ChromData\CHW.i\20201218-44134.b\44134-020.d  
Injection Date: 19-Dec-2020 01:48:30 Instrument ID: CHW.i  
Lims ID: 200-56451-A-3 Lab Sample ID: 200-56451-3  
Client ID: SG-203  
Operator ID: ggg ALS Bottle#: 19 Worklist Smp#: 20  
Purge Vol: 200.000 mL Dil. Factor: 1.0000  
Method: TO15\_TO3\_MasterMethod\_W Limit Group: AI\_TO15\_ICAL  
Column: RTX-624 ( 0.32 mm) Detector MS SCAN

**51 Trichloroethene, CAS: 79-01-6**

Eurofins TestAmerica, Burlington

Data File: \\chromfs\Burlington\ChromData\CHW.i\20201218-44134.b\44134-020.d

Injection Date: 19-Dec-2020 01:48:30

Instrument ID: CHW.i

Lims ID: 200-56451-A-3

Lab Sample ID: 200-56451-3

Client ID: SG-203

Operator ID: ggg

ALS Bottle#: 19

Worklist Smp#: 20

Purge Vol: 200.000 mL

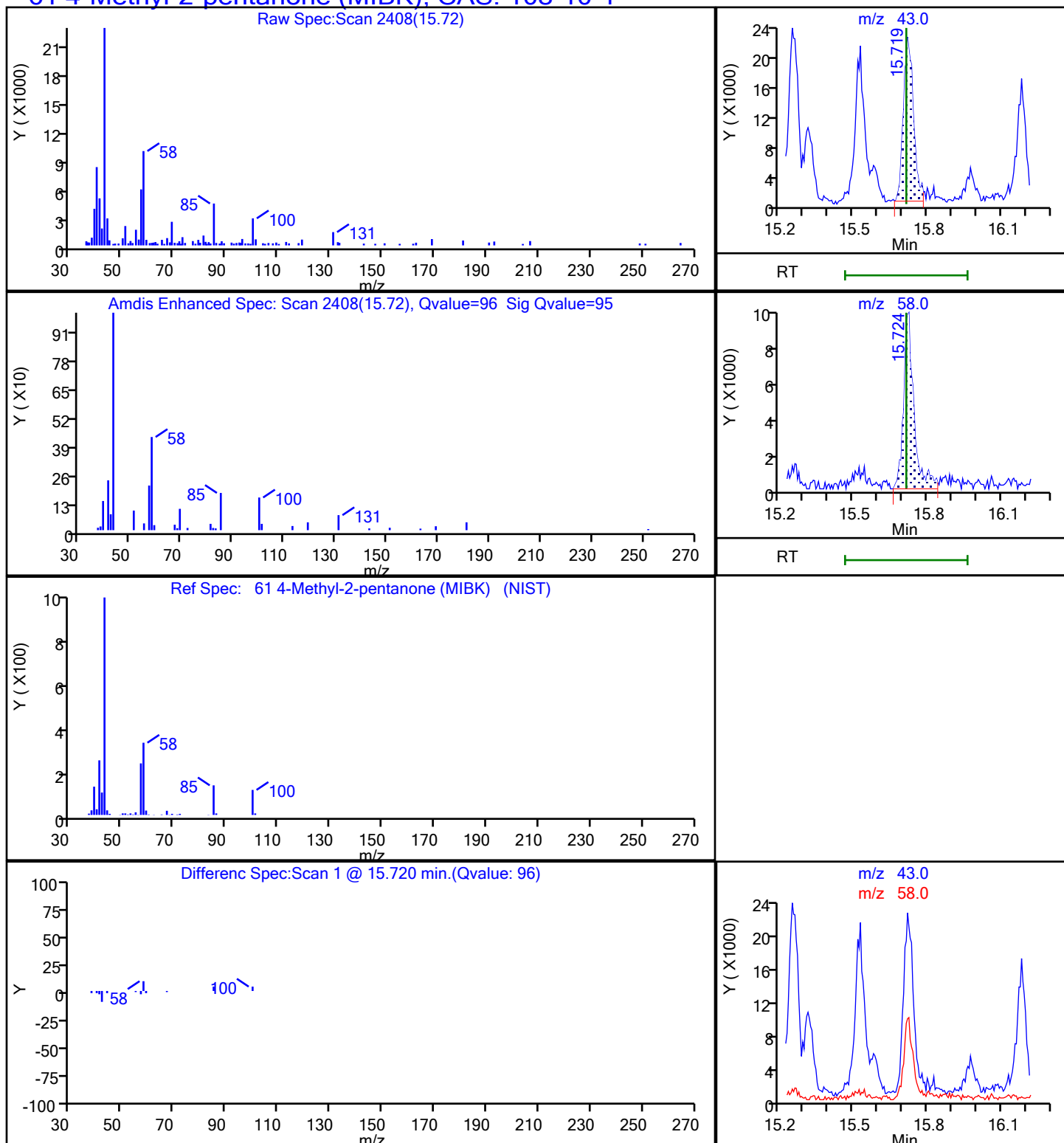
Dil. Factor: 1.0000

Method: TO15\_TO3\_MasterMethod\_W

Limit Group: AI\_TO15\_ICAL

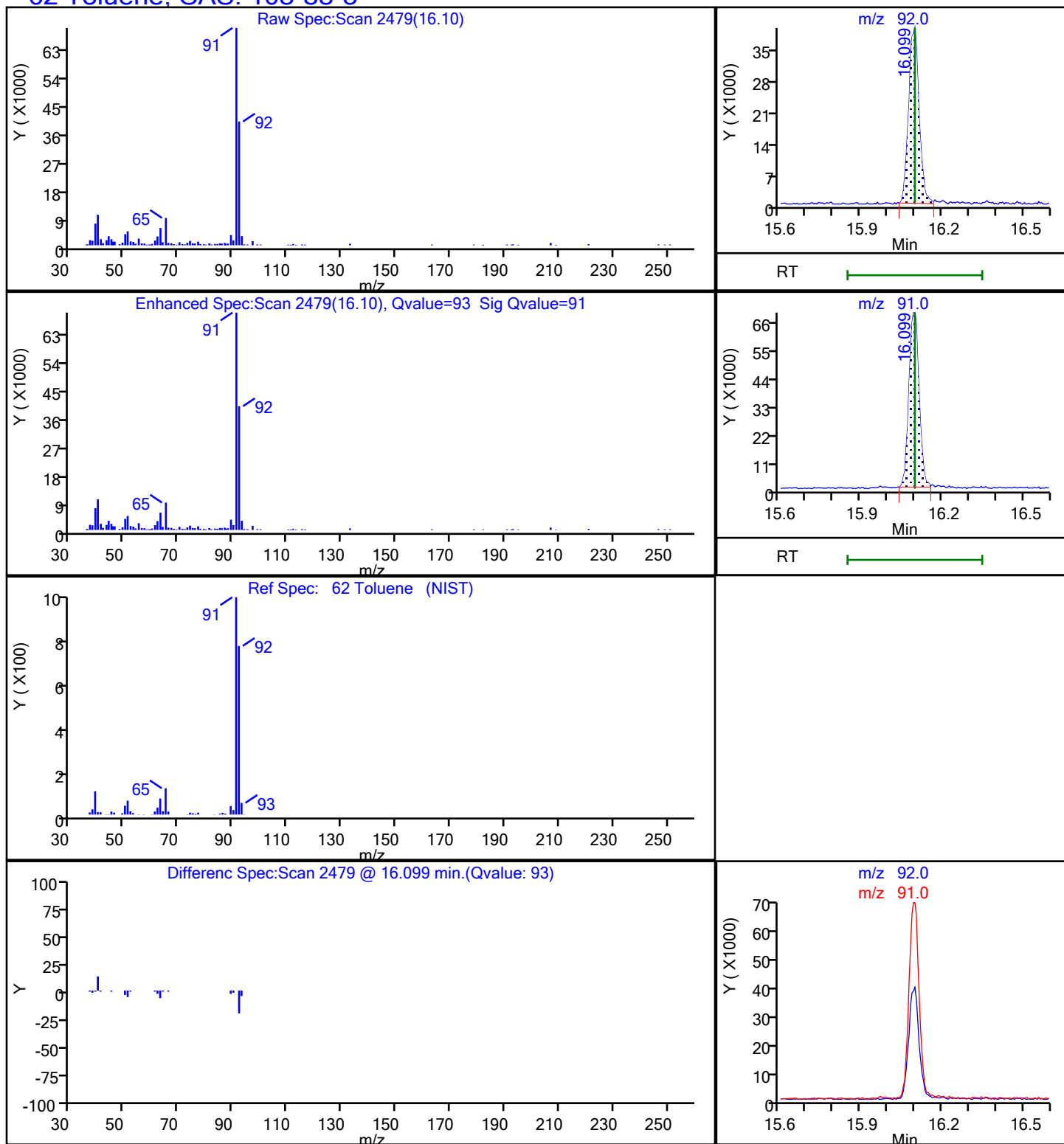
Column: RTX-624 ( 0.32 mm)

Detector: MS SCAN

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

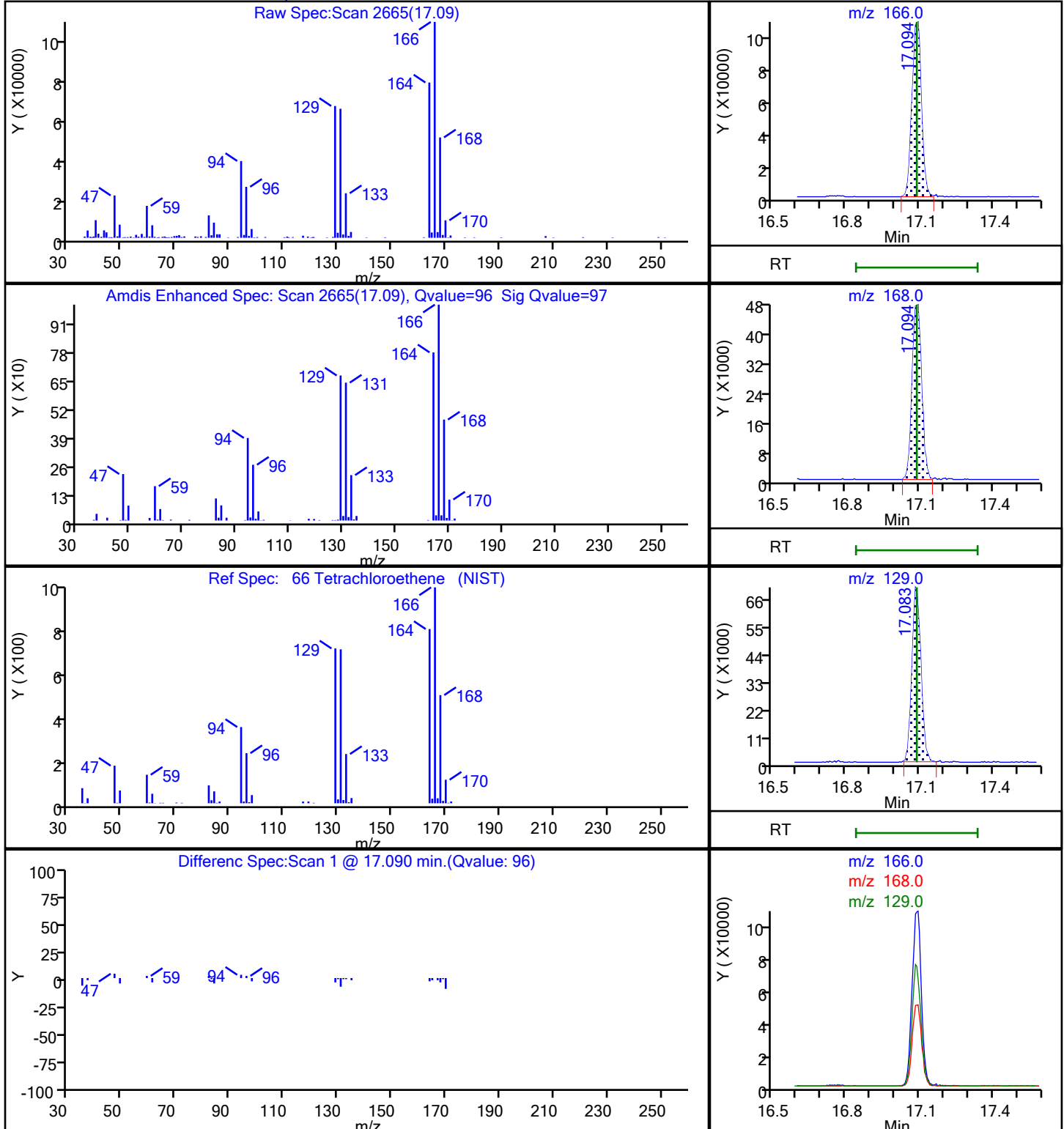
## Eurofins TestAmerica, Burlington

Data File: \\chromfs\Burlington\ChromData\CHW.i\20201218-44134.b\44134-020.d  
Injection Date: 19-Dec-2020 01:48:30 Instrument ID: CHW.i  
Lims ID: 200-56451-A-3 Lab Sample ID: 200-56451-3  
Client ID: SG-203  
Operator ID: ggg ALS Bottle#: 19 Worklist Smp#: 20  
Purge Vol: 200.000 mL Dil. Factor: 1.0000  
Method: TO15\_TO3\_MasterMethod\_W Limit Group: AI\_TO15\_ICAL  
Column: RTX-624 ( 0.32 mm) Detector MS SCAN

**62 Toluene, CAS: 108-88-3**

## Eurofins TestAmerica, Burlington

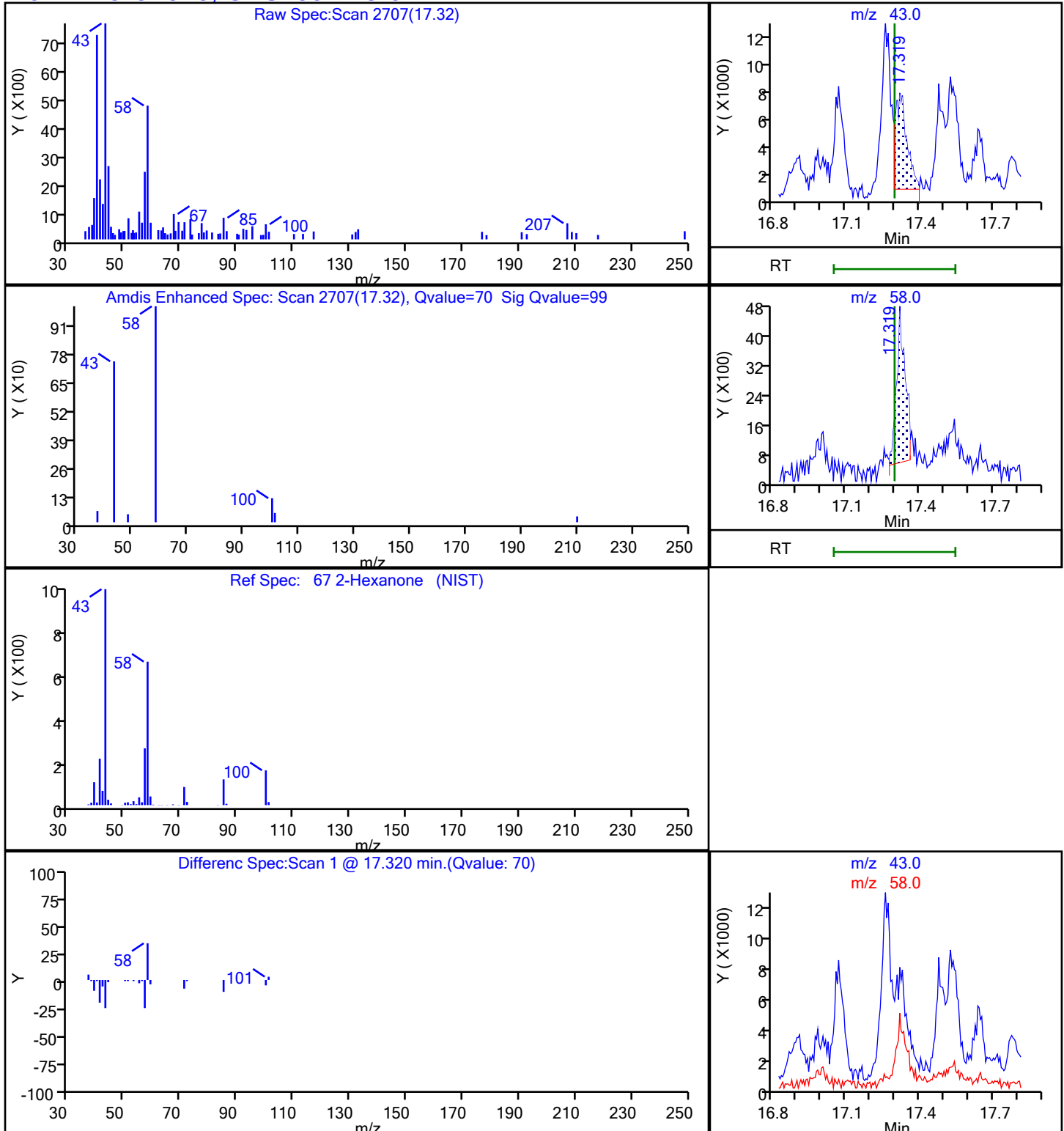
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Injection Date: 19-Dec-2020 01:48:30 Instrument ID: CHW.i  
Lims ID: 200-56451-A-3 Lab Sample ID: 200-56451-3  
Client ID: SG-203  
Operator ID: ggg ALS Bottle#: 19 Worklist Smp#: 20  
Purge Vol: 200.000 mL Dil. Factor: 1.0000  
Method: TO15\_TO3\_MasterMethod\_W Limit Group: AI\_TO15\_ICAL  
Column: RTX-624 ( 0.32 mm) Detector MS SCAN

**66 Tetrachloroethene, CAS: 127-18-4**



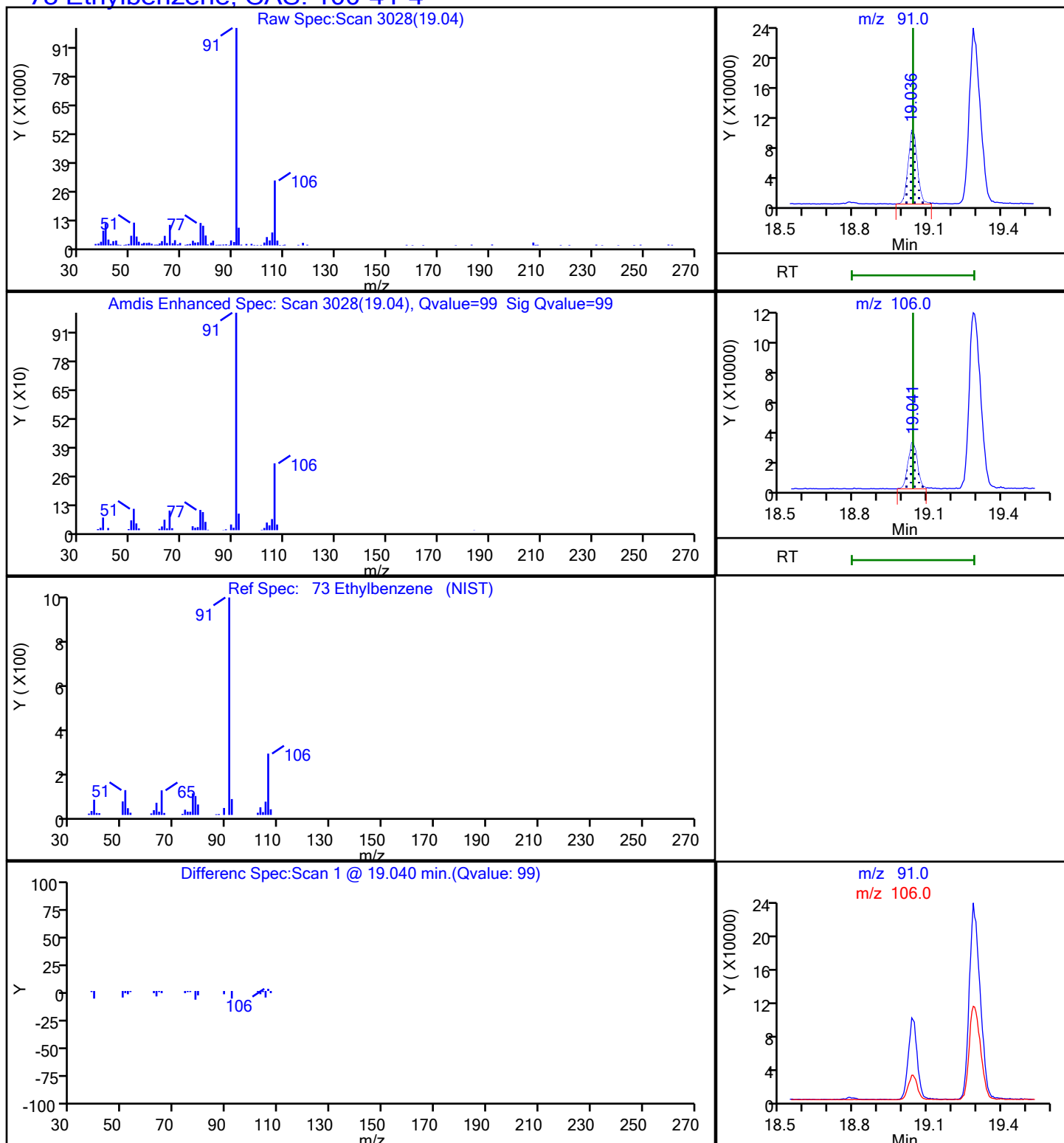
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Data File: \\chromfs\Burlington\ChromData\CHW.i\20201218-44134.b\44134-020.d  
Injection Date: 19-Dec-2020 01:48:30 Instrument ID: CHW.i  
Lims ID: 200-56451-A-3 Lab Sample ID: 200-56451-3  
Client ID: SG-203  
Operator ID: ggg ALS Bottle#: 19 Worklist Smp#: 20  
Purge Vol: 200.000 mL Dil. Factor: 1.0000  
Method: TO15\_TO3\_MasterMethod\_W Limit Group: AI\_TO15\_ICAL  
Column: RTX-624 ( 0.32 mm) Detector MS SCAN

**67 2-Hexanone, CAS: 591-78-6**

## Eurofins TestAmerica, Burlington

Data File: \\chromfs\Burlington\ChromData\CHW.i\20201218-44134.b\44134-020.d  
Injection Date: 19-Dec-2020 01:48:30 Instrument ID: CHW.i  
Lims ID: 200-56451-A-3 Lab Sample ID: 200-56451-3  
Client ID: SG-203  
Operator ID: ggg ALS Bottle#: 19 Worklist Smp#: 20  
Purge Vol: 200.000 mL Dil. Factor: 1.0000  
Method: TO15\_TO3\_MasterMethod\_W Limit Group: AI\_TO15\_ICAL  
Column: RTX-624 ( 0.32 mm) Detector MS SCAN

**73 Ethylbenzene, CAS: 100-41-4**

Eurofins TestAmerica, Burlington

Data File: \\chromfs\Burlington\ChromData\CHW.i\20201218-44134.b\44134-020.d

Injection Date: 19-Dec-2020 01:48:30

Instrument ID: CHW.i

Lims ID: 200-56451-A-3

Lab Sample ID: 200-56451-3

Client ID: SG-203

Operator ID: ggg

ALS Bottle#: 19

Worklist Smp#: 20

Purge Vol: 200.000 mL

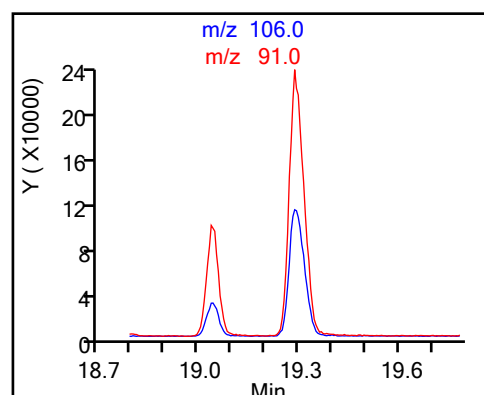
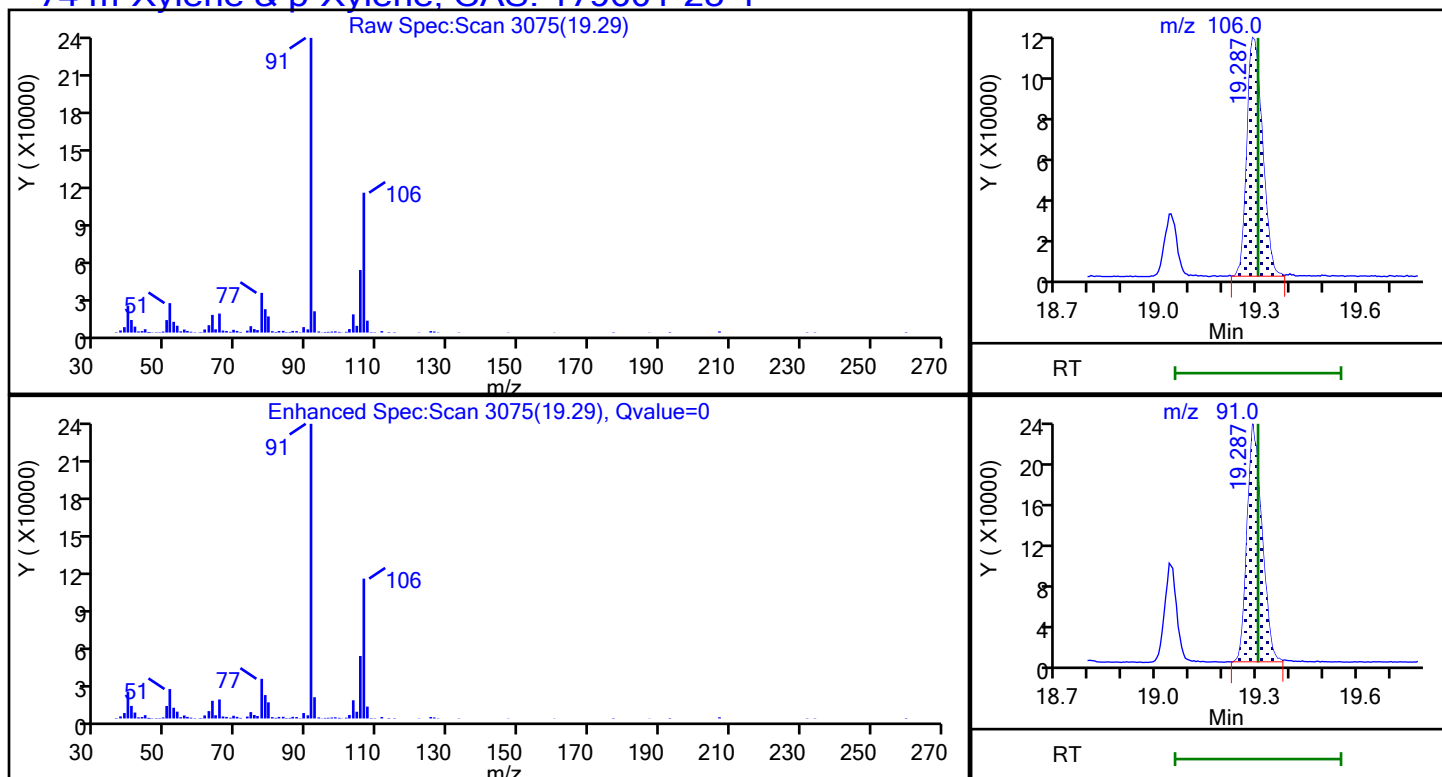
Dil. Factor: 1.0000

Method: TO15\_TO3\_MasterMethod\_W

Limit Group: AI\_TO15\_ICAL

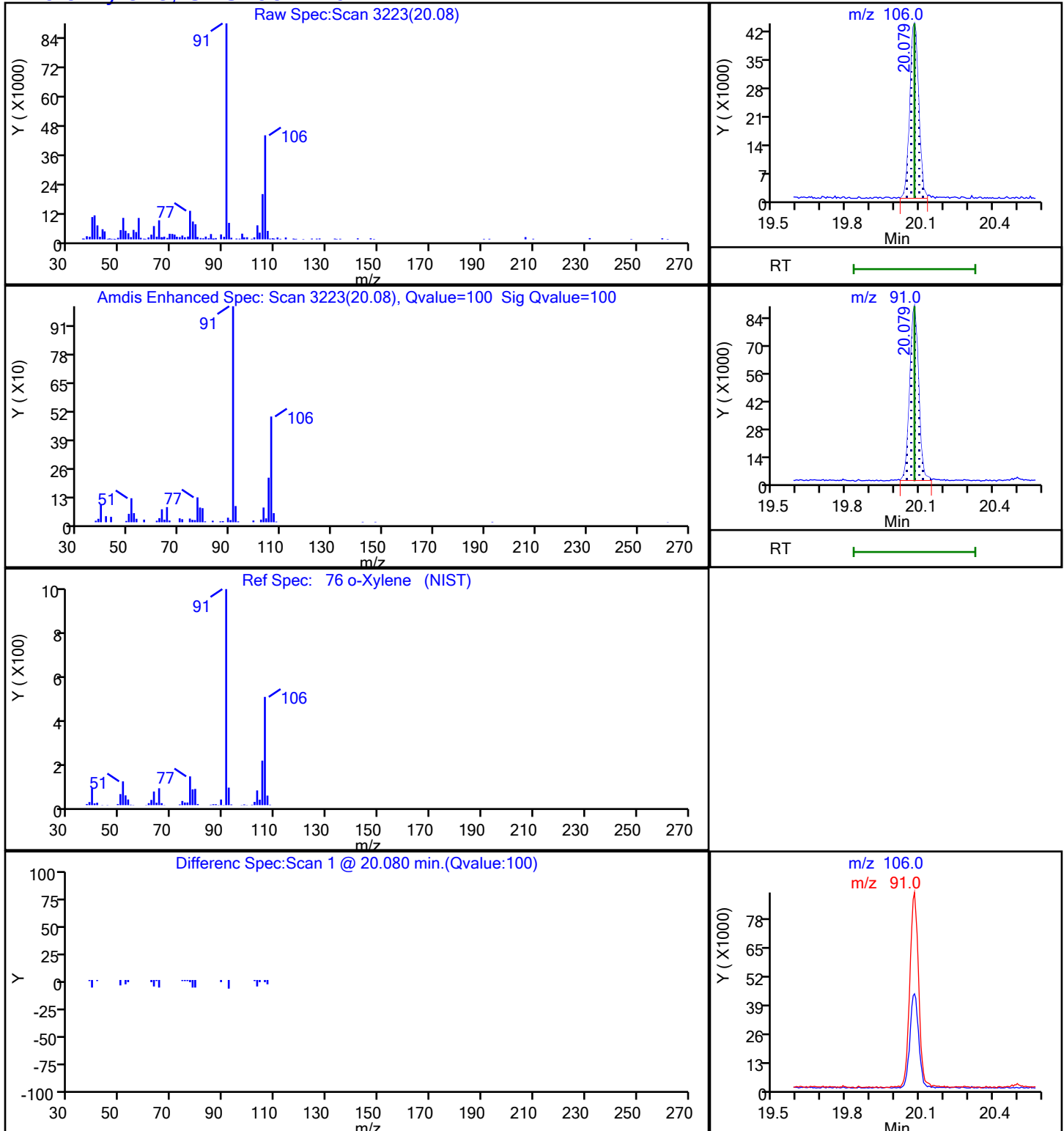
Column: RTX-624 ( 0.32 mm)

Detector: MS SCAN

**74 m-Xylene & p-Xylene, CAS: 179601-23-1**

## Eurofins TestAmerica, Burlington

Data File: \\chromfs\Burlington\ChromData\CHW.i\20201218-44134.b\44134-020.d  
Injection Date: 19-Dec-2020 01:48:30 Instrument ID: CHW.i  
Lims ID: 200-56451-A-3 Lab Sample ID: 200-56451-3  
Client ID: SG-203  
Operator ID: ggg ALS Bottle#: 19 Worklist Smp#: 20  
Purge Vol: 200.000 mL Dil. Factor: 1.0000  
Method: TO15\_TO3\_MasterMethod\_W Limit Group: AI\_TO15\_ICAL  
Column: RTX-624 ( 0.32 mm) Detector MS SCAN

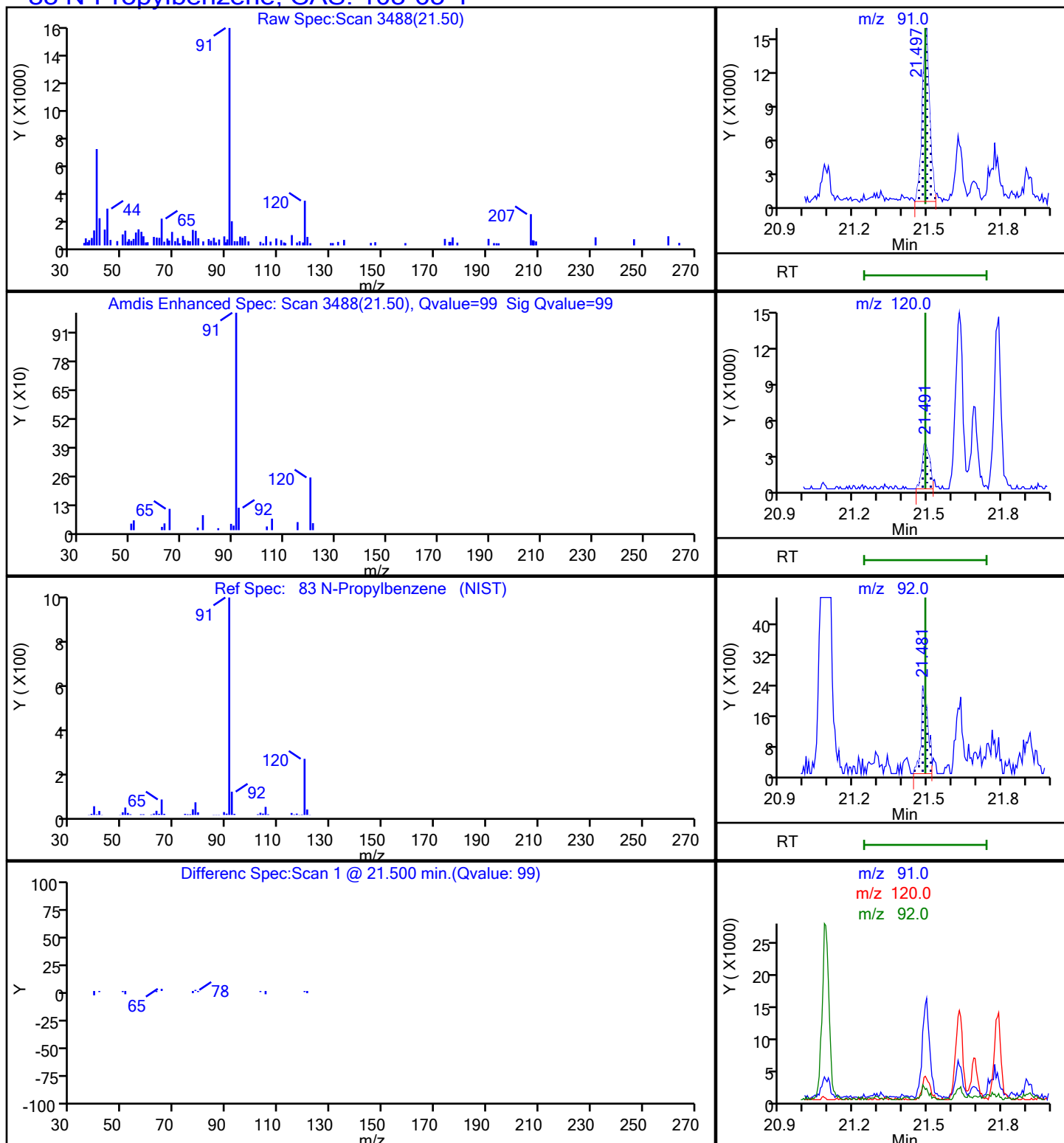
**76 o-Xylene, CAS: 95-47-6**

Eurofins TestAmerica, Burlington

|                 |                                                                   |                |              |
|-----------------|-------------------------------------------------------------------|----------------|--------------|
| Data File:      | \\chromfs\Burlington\ChromData\CHW.i\20201218-44134.b\44134-020.d |                |              |
| Injection Date: | 19-Dec-2020 01:48:30                                              | Instrument ID: | CHW.i        |
| Lims ID:        | 200-56451-A-3                                                     | Lab Sample ID: | 200-56451-3  |
| Client ID:      | SG-203                                                            |                |              |
| Operator ID:    | ggg                                                               | ALS Bottle#:   | 19 W         |
| Purge Vol:      | 200.000 mL                                                        | Dil. Factor:   | 1.0000       |
| Method:         | TO15_TO3_MasterMethod_W                                           | Limit Group:   | AI_TO15_ICAL |
| Column:         | RTX-624 ( 0.32 mm)                                                | Detector       | MS SCAN      |

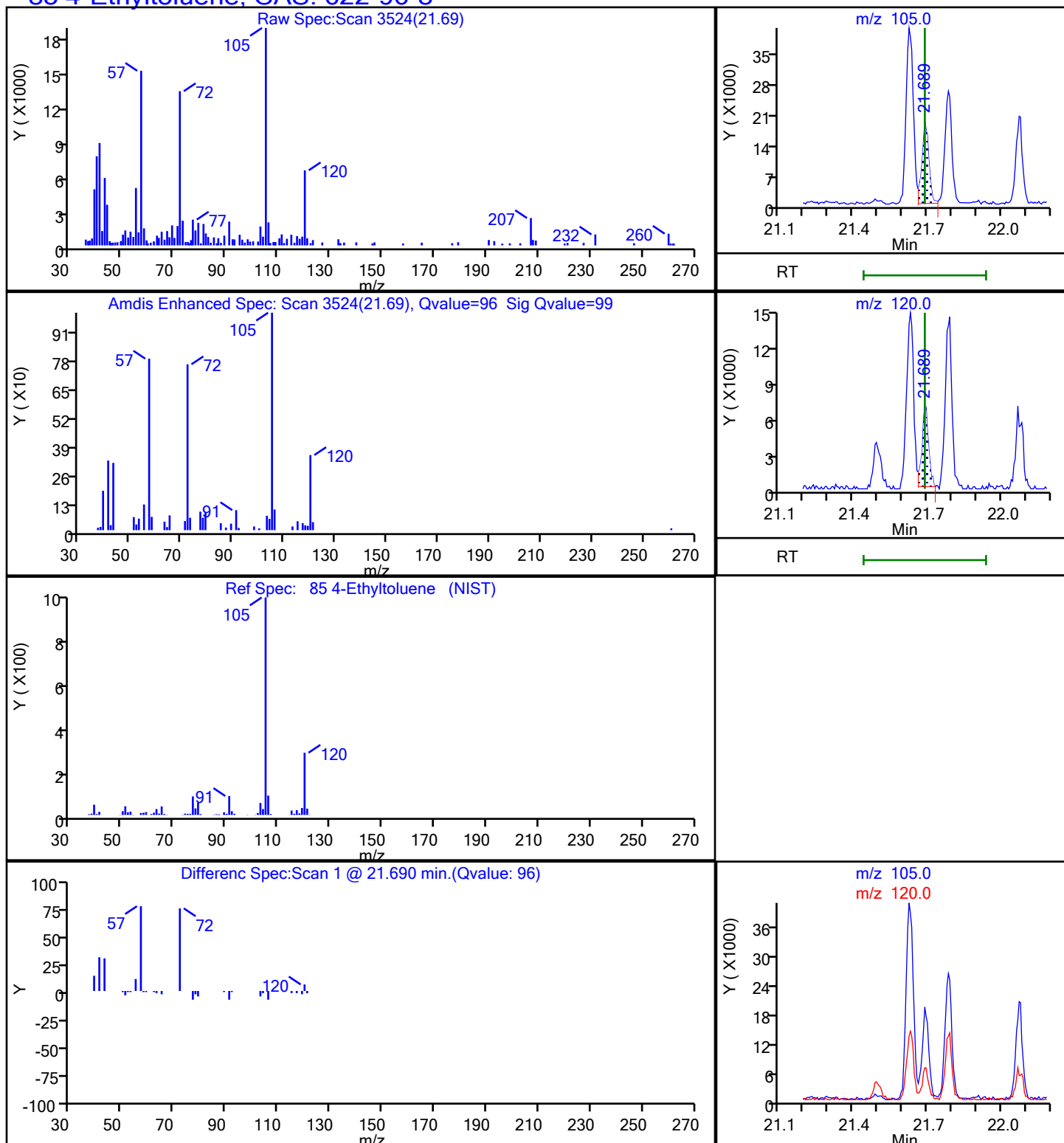
ALS Bottle#: 19 Worklist Smp#: 20  
Dil. Factor: 1.0000  
Limit Group: AI\_TO15\_ICAL  
Detector: MS SCAN

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



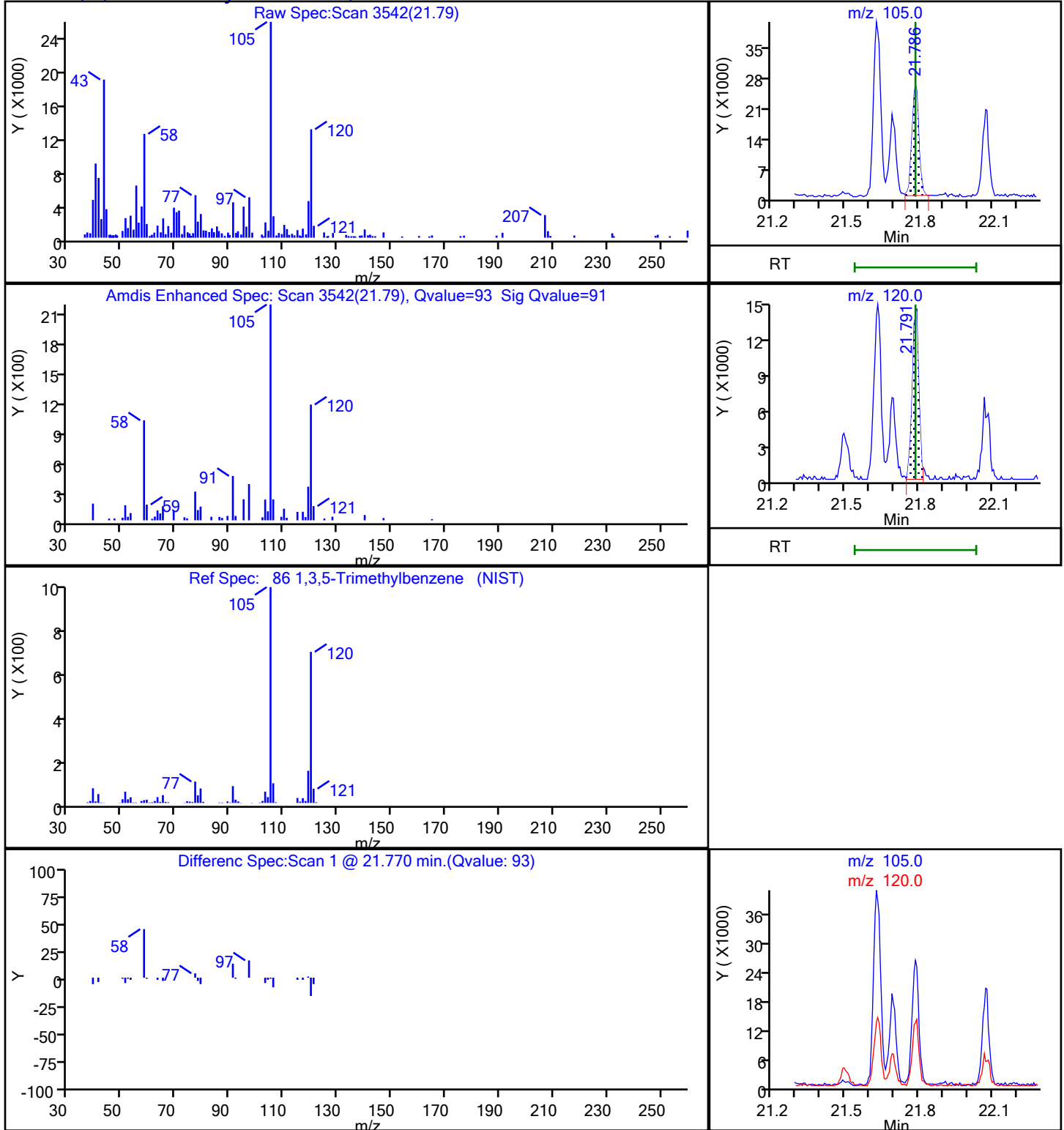
## Eurofins TestAmerica, Burlington

Data File: \\chromfs\Burlington\ChromData\CHW.i\20201218-44134.b\44134-020.d  
Injection Date: 19-Dec-2020 01:48:30 Instrument ID: CHW.i  
Lims ID: 200-56451-A-3 Lab Sample ID: 200-56451-3  
Client ID: SG-203  
Operator ID: ggg ALS Bottle#: 19 Worklist Smp#: 20  
Purge Vol: 200.000 mL Dil. Factor: 1.0000  
Method: TO15\_TO3\_MasterMethod\_W Limit Group: AI\_TO15\_ICAL  
Column: RTX-624 ( 0.32 mm) Detector MS SCAN

**85 4-Ethyltoluene, CAS: 622-96-8**

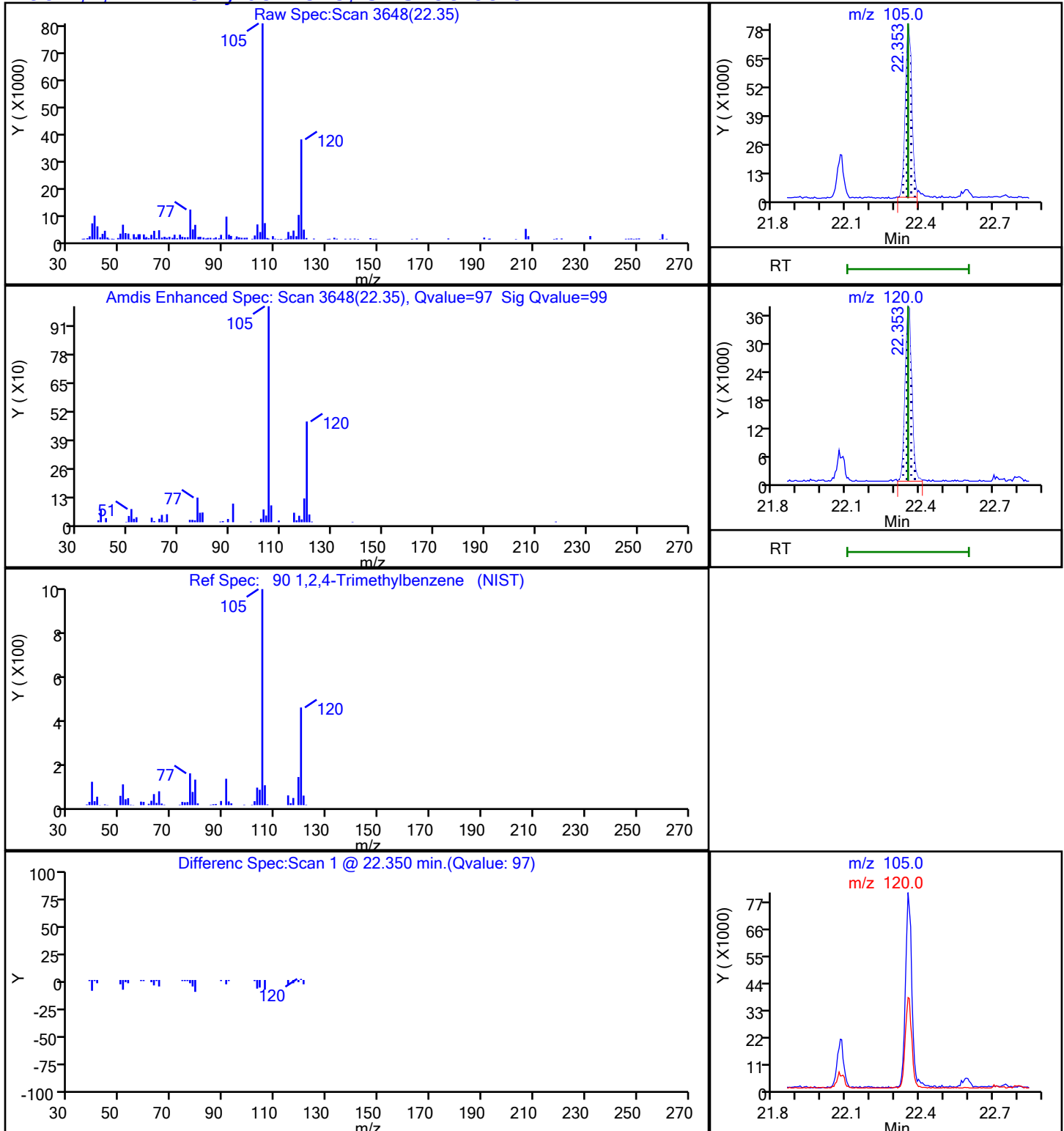
## Eurofins TestAmerica, Burlington

Data File: \\chromfs\Burlington\ChromData\CHW.i\20201218-44134.b\44134-020.d  
Injection Date: 19-Dec-2020 01:48:30 Instrument ID: CHW.i  
Lims ID: 200-56451-A-3 Lab Sample ID: 200-56451-3  
Client ID: SG-203  
Operator ID: ggg ALS Bottle#: 19 Worklist Smp#: 20  
Purge Vol: 200.000 mL Dil. Factor: 1.0000  
Method: TO15\_TO3\_MasterMethod\_W Limit Group: AI\_TO15\_ICAL  
Column: RTX-624 ( 0.32 mm) Detector MS SCAN

**86 1,3,5-Trimethylbenzene, CAS: 108-67-8**

## Eurofins TestAmerica, Burlington

Data File: \\chromfs\Burlington\ChromData\CHW.i\20201218-44134.b\44134-020.d  
Injection Date: 19-Dec-2020 01:48:30 Instrument ID: CHW.i  
Lims ID: 200-56451-A-3 Lab Sample ID: 200-56451-3  
Client ID: SG-203  
Operator ID: ggg ALS Bottle#: 19 Worklist Smp#: 20  
Purge Vol: 200.000 mL Dil. Factor: 1.0000  
Method: TO15\_TO3\_MasterMethod\_W Limit Group: AI\_TO15\_ICAL  
Column: RTX-624 ( 0.32 mm) Detector MS SCAN

**90 1,2,4-Trimethylbenzene, CAS: 95-63-6**



## Eurofins TestAmerica, Burlington

Data File: \\chromfs\Burlington\ChromData\CHW.i\20201218-44134.b\44134-020.d

Injection Date: 19-Dec-2020 01:48:30

Instrument ID: CHW.i

Lims ID: 200-56451-A-3

Lab Sample ID: 200-56451-3

Client ID: SG-203

Operator ID: ggg

ALS Bottle#: 19 Worklist Smp#: 20

Purge Vol: 200.000 mL

Dil. Factor: 1.0000

Method: TO15\_TO3\_MasterMethod\_W

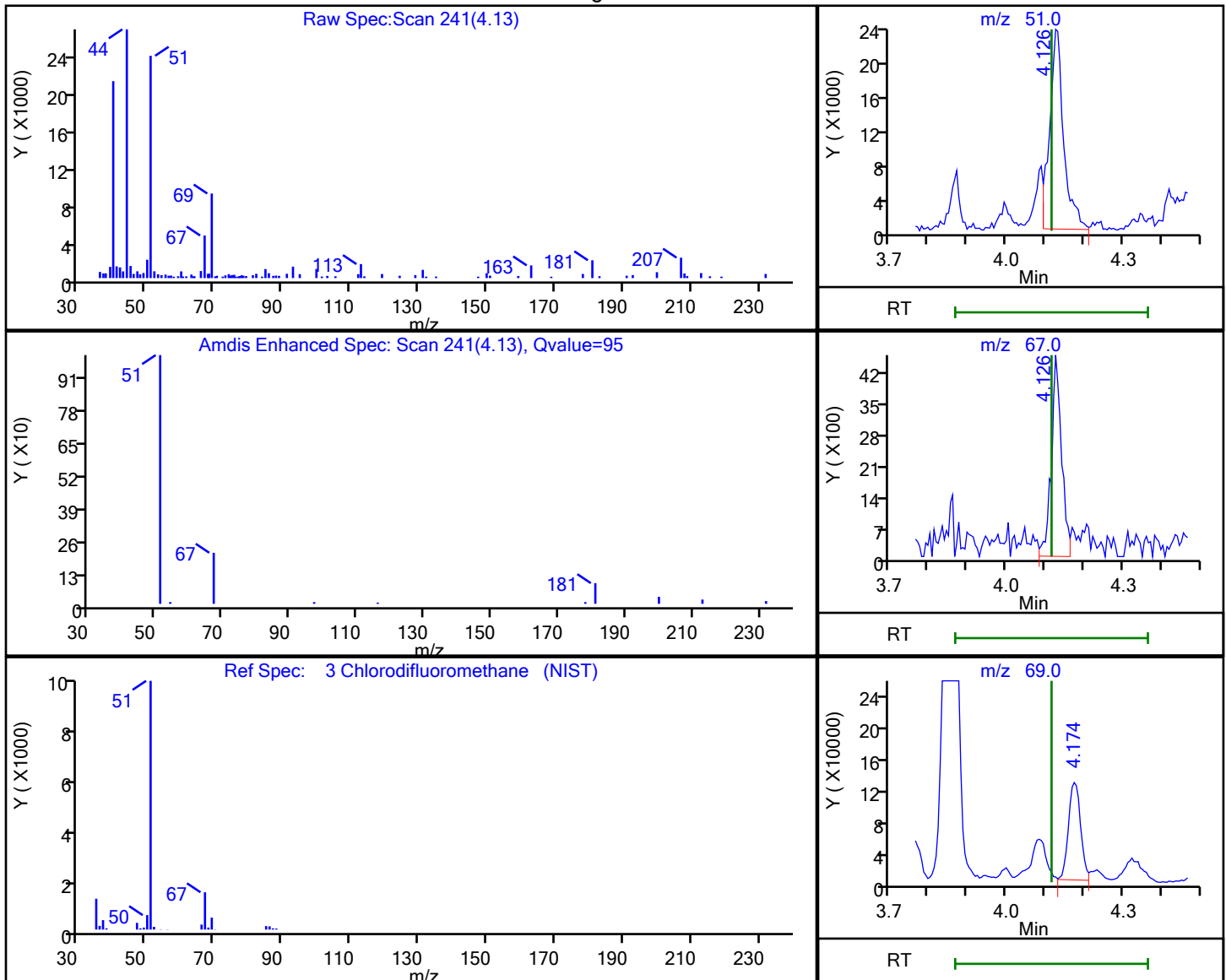
Limit Group: AI\_TO15\_ICAL

Column: RTX-624 ( 0.32 mm)

Detector: MS SCAN

## 3 Chlorodifluoromethane, CAS: 75-45-6

## Processing Results



| RT   | Mass  | Response | Amount   |
|------|-------|----------|----------|
| 4.13 | 51.00 | 59443    | 0.255416 |
| 4.13 | 67.00 | 8474     |          |
| 4.17 | 69.00 | 271919   |          |

Reviewer: bunmaa, 21-Dec-2020 12:53:42

Audit Action: Marked Compound Undetected

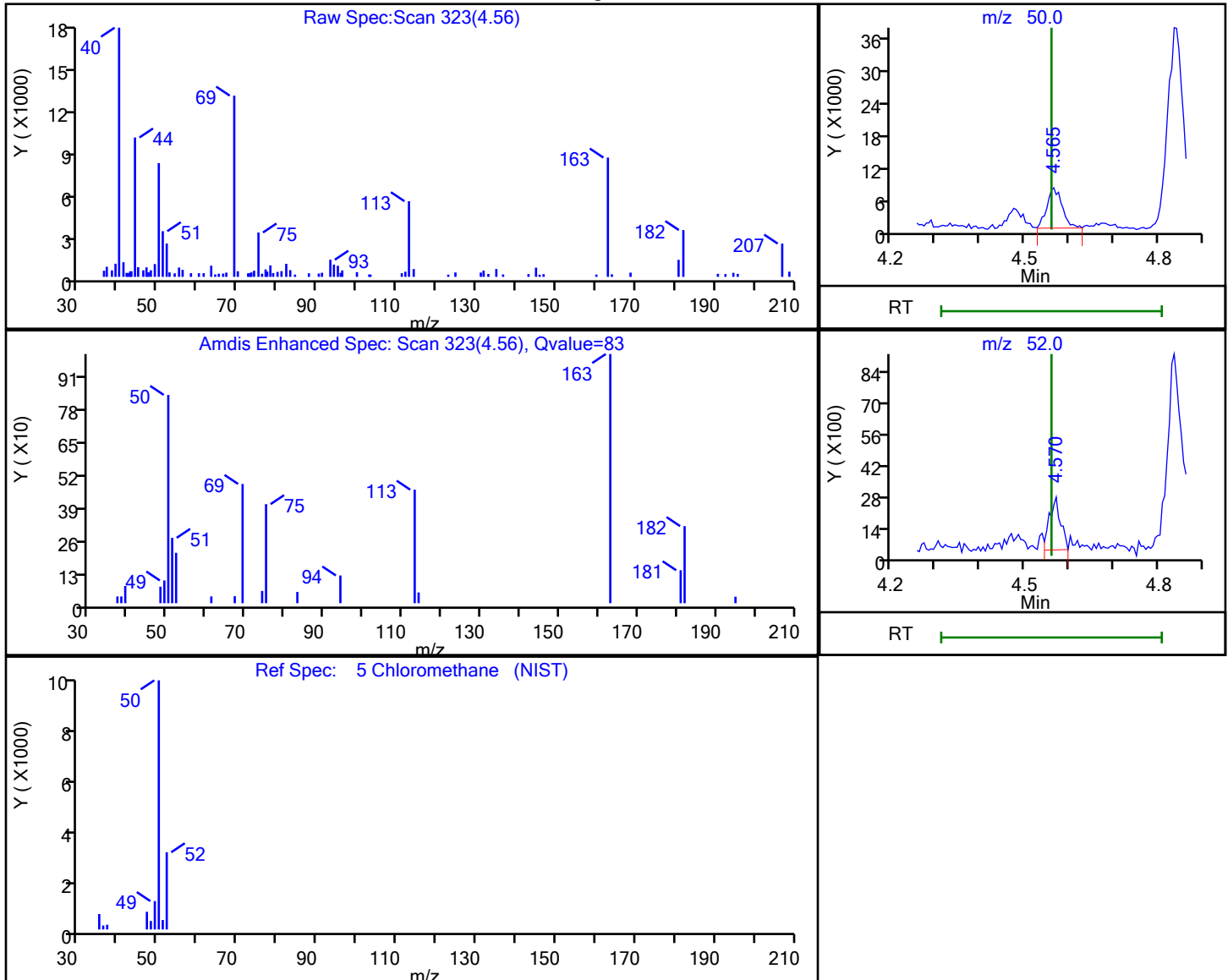
Audit Reason: Invalid Compound ID

## Eurofins TestAmerica, Burlington

Data File: \\chromfs\Burlington\ChromData\CHW.i\20201218-44134.b\44134-020.d  
Injection Date: 19-Dec-2020 01:48:30 Instrument ID: CHW.i  
Lims ID: 200-56451-A-3 Lab Sample ID: 200-56451-3  
Client ID: SG-203  
Operator ID: ggg ALS Bottle#: 19 Worklist Smp#: 20  
Purge Vol: 200.000 mL Dil. Factor: 1.0000  
Method: TO15\_TO3\_MasterMethod\_W 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   |
|------|-------|----------|----------|
| 4.56 | 50.00 | 17703    | 0.132945 |
| 4.57 | 52.00 | 4178     |          |

Reviewer: bunmaa, 21-Dec-2020 12:54:31

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

## Eurofins TestAmerica, Burlington

Data File: \\chromfs\Burlington\ChromData\CHW.i\20201218-44134.b\44134-020.d

Injection Date: 19-Dec-2020 01:48:30

Instrument ID: CHW.i

Lims ID: 200-56451-A-3

Lab Sample ID: 200-56451-3

Client ID: SG-203

Operator ID: ggg

ALS Bottle#: 19 Worklist Smp#: 20

Purge Vol: 200.000 mL

Dil. Factor: 1.0000

Method: TO15\_TO3\_MasterMethod\_W

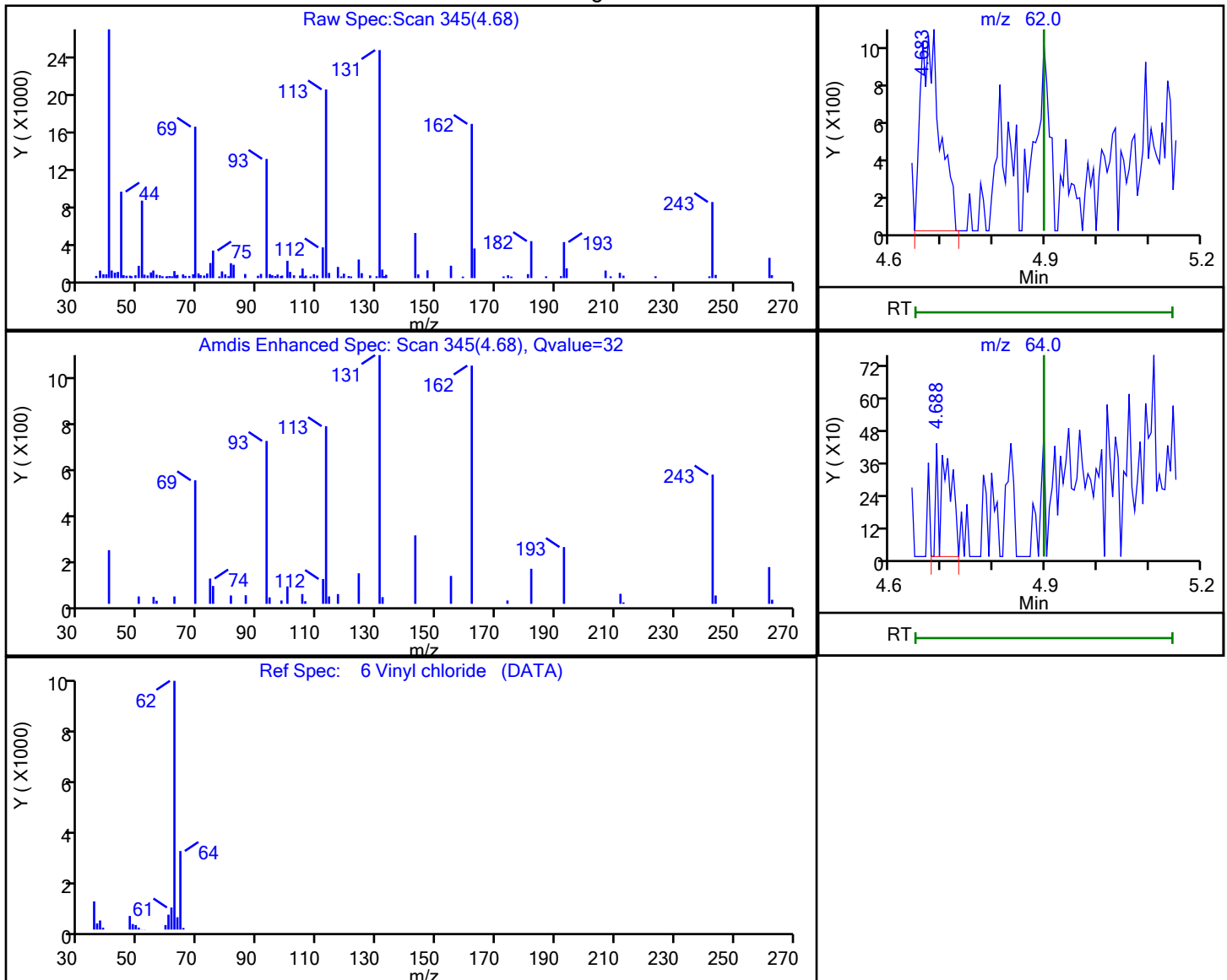
Limit Group: AI\_TO15\_ICAL

Column: RTX-624 ( 0.32 mm)

Detector: MS SCAN

## 6 Vinyl chloride, CAS: 75-01-4

## Processing Results



| RT   | Mass  | Response | Amount   |
|------|-------|----------|----------|
| 4.68 | 62.00 | 2613     | 0.015969 |
| 4.69 | 64.00 | 699      |          |

Reviewer: bunmaa, 21-Dec-2020 12:54:43

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

## Eurofins TestAmerica, Burlington

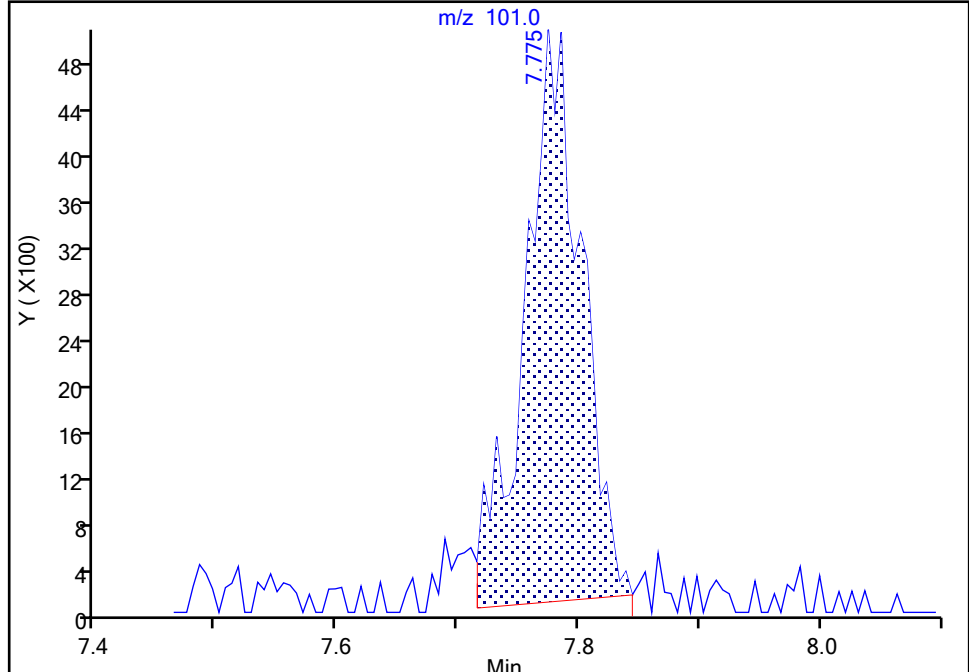
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Injection Date: 19-Dec-2020 01:48:30 Instrument ID: CHW.i  
Lims ID: 200-56451-A-3 Lab Sample ID: 200-56451-3  
Client ID: SG-203  
Operator ID: ggg ALS Bottle#: 19 Worklist Smp#: 20  
Purge Vol: 200.000 mL Dil. Factor: 1.0000  
Method: TO15\_TO3\_MasterMethod\_W Limit Group: AI\_TO15\_ICAL  
Column: RTX-624 ( 0.32 mm) Detector: MS SCAN

21 112TCTFE, CAS: 76-13-1

Signal: 1

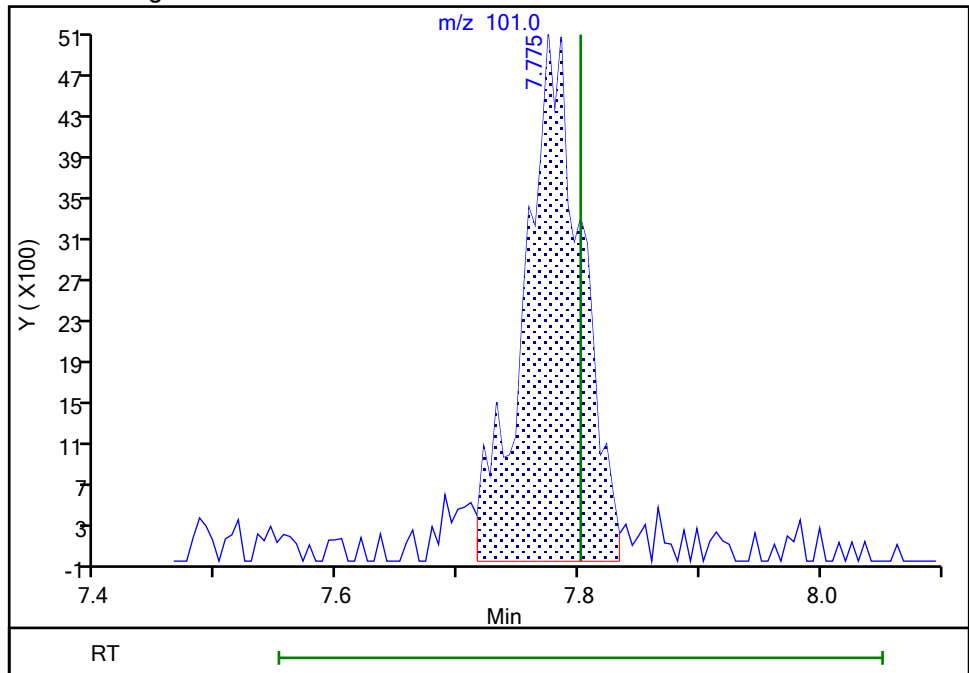
RT: 7.77  
Area: 16074  
Amount: 0.068128  
Amount Units: ppb v/v

## Processing Integration Results



RT: 7.77  
Area: 16670  
Amount: 0.070654  
Amount Units: ppb v/v

## Manual Integration Results



Reviewer: bunmaa, 21-Dec-2020 12:55:28  
Audit Action: Manually Integrated

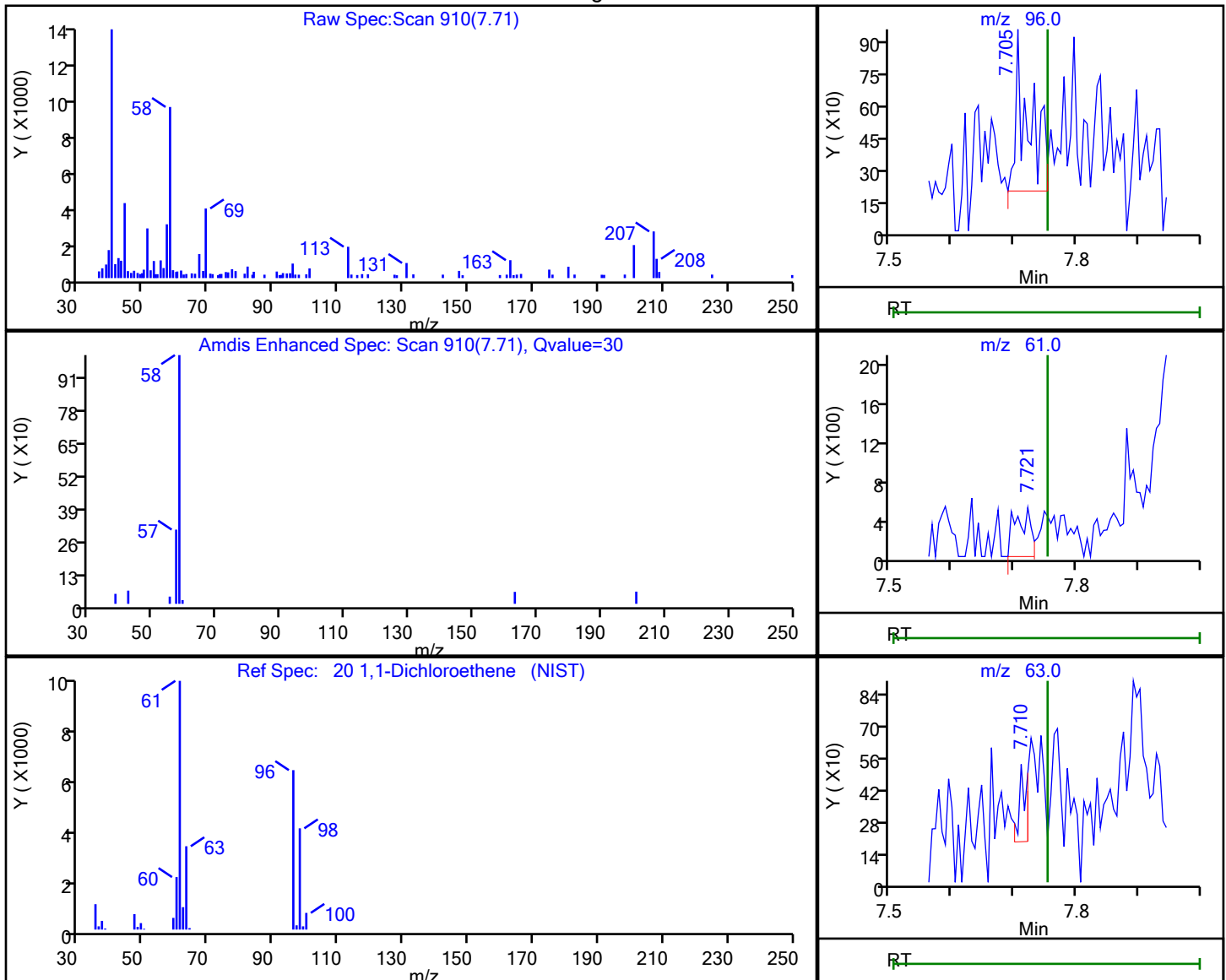
Audit Reason: Assign Peak

## Eurofins TestAmerica, Burlington

Data File: \\chromfs\Burlington\ChromData\CHW.i\20201218-44134.b\44134-020.d  
Injection Date: 19-Dec-2020 01:48:30 Instrument ID: CHW.i  
Lims ID: 200-56451-A-3 Lab Sample ID: 200-56451-3  
Client ID: SG-203  
Operator ID: ggg ALS Bottle#: 19 Worklist Smp#: 20  
Purge Vol: 200.000 mL Dil. Factor: 1.0000  
Method: TO15\_TO3\_MasterMethod\_W Limit Group: AI\_TO15\_ICAL  
Column: RTX-624 ( 0.32 mm) Detector: MS SCAN

## 20 1,1-Dichloroethene, CAS: 75-35-4

## Processing Results



| RT   | Mass  | Response | Amount   |
|------|-------|----------|----------|
| 7.71 | 96.00 | 1124     | 0.009448 |
| 7.72 | 61.00 | 842      |          |
| 7.71 | 63.00 | 290      |          |

Reviewer: bunmaa, 21-Dec-2020 12:55:13

Audit Action: Marked Compound Undetected

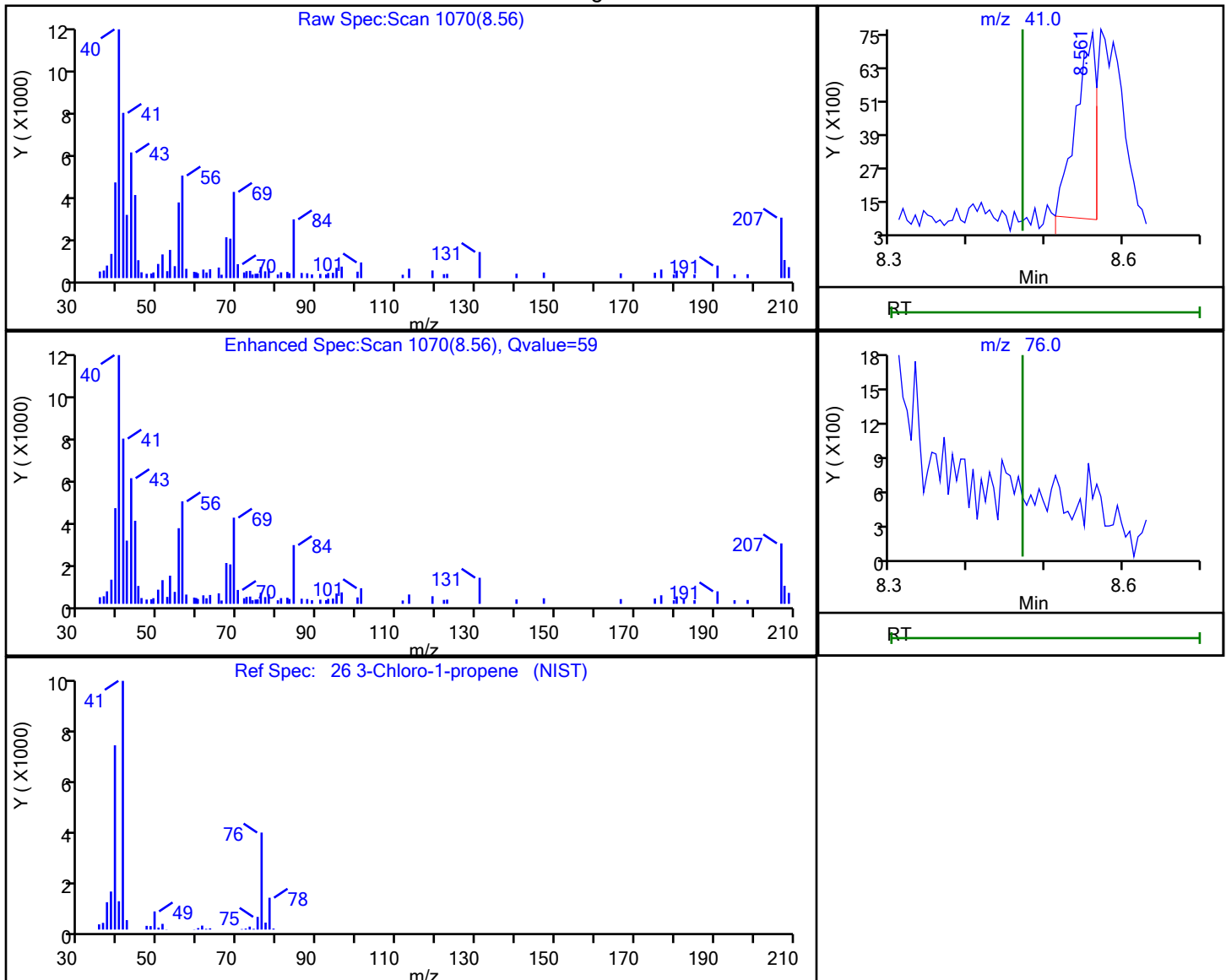
Audit Reason: Invalid Compound ID

## Eurofins TestAmerica, Burlington

Data File: \\chromfs\Burlington\ChromData\CHW.i\20201218-44134.b\44134-020.d  
Injection Date: 19-Dec-2020 01:48:30 Instrument ID: CHW.i  
Lims ID: 200-56451-A-3 Lab Sample ID: 200-56451-3  
Client ID: SG-203  
Operator ID: ggg ALS Bottle#: 19 Worklist Smp#: 20  
Purge Vol: 200.000 mL Dil. Factor: 1.0000  
Method: TO15\_TO3\_MasterMethod\_W Limit Group: AI\_TO15\_ICAL  
Column: RTX-624 ( 0.32 mm) Detector: MS SCAN

## 26 3-Chloro-1-propene, CAS: 107-05-1

## Processing Results



| RT   | Mass  | Response | Amount   |
|------|-------|----------|----------|
| 8.56 | 41.00 | 12291    | 0.087936 |
| 8.47 | 76.00 | 0        |          |

Reviewer: bunmaa, 21-Dec-2020 12:55:56

Audit Action: Marked Compound Undetected

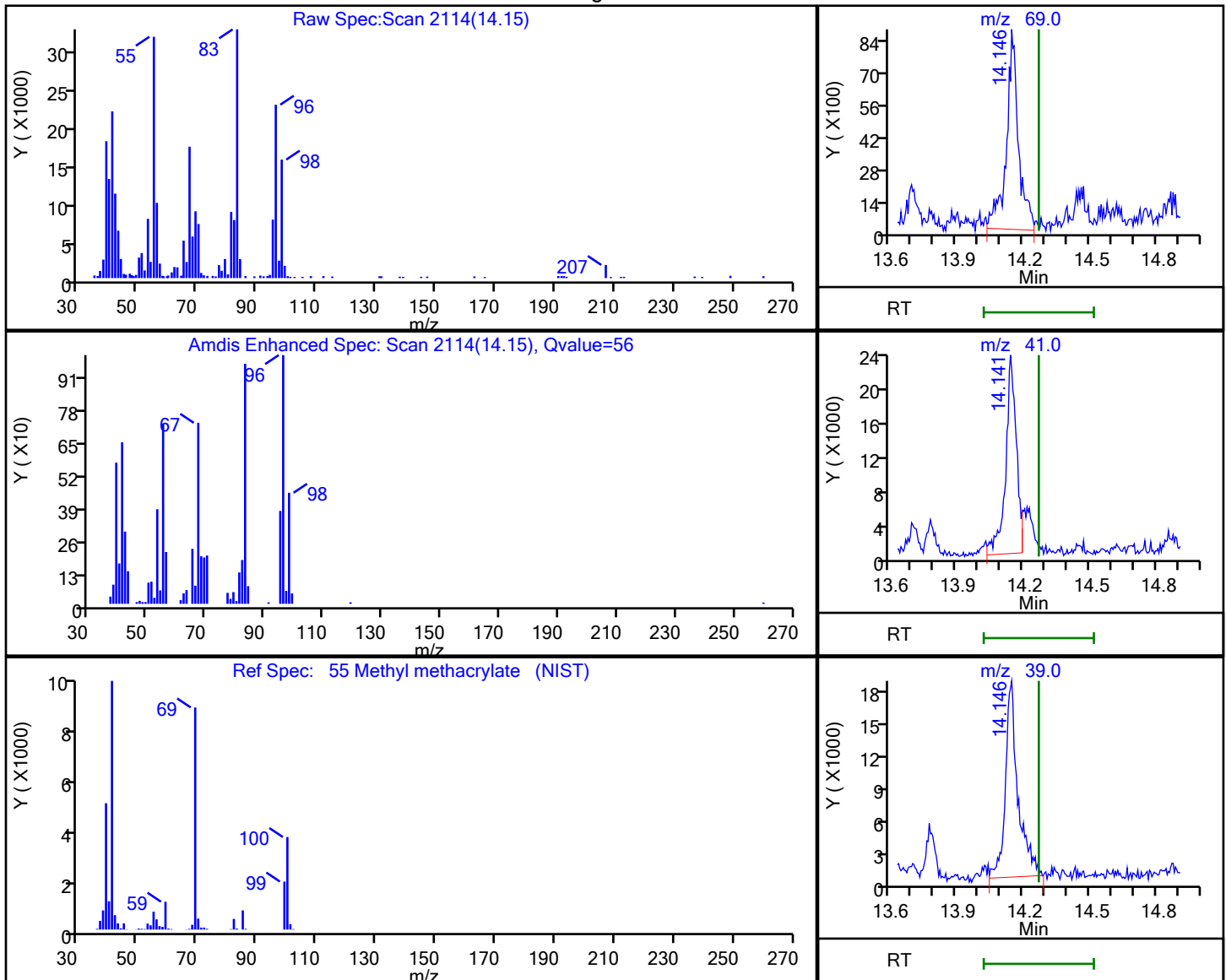
Audit Reason: Invalid Compound ID

## Eurofins TestAmerica, Burlington

Data File: \\chromfs\Burlington\ChromData\CHW.i\20201218-44134.b\44134-020.d  
Injection Date: 19-Dec-2020 01:48:30 Instrument ID: CHW.i  
Lims ID: 200-56451-A-3 Lab Sample ID: 200-56451-3  
Client ID: SG-203  
Operator ID: ggg ALS Bottle#: 19 Worklist Smp#: 20  
Purge Vol: 200.000 mL Dil. Factor: 1.0000  
Method: TO15\_TO3\_MasterMethod\_W 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   |
|-------|-------|----------|----------|
| 14.15 | 69.00 | 33339    | 0.302602 |
| 14.14 | 41.00 | 78090    |          |
| 14.15 | 39.00 | 69237    |          |

Reviewer: bunmaa, 21-Dec-2020 12:57:31

Audit Action: Marked Compound Undetected

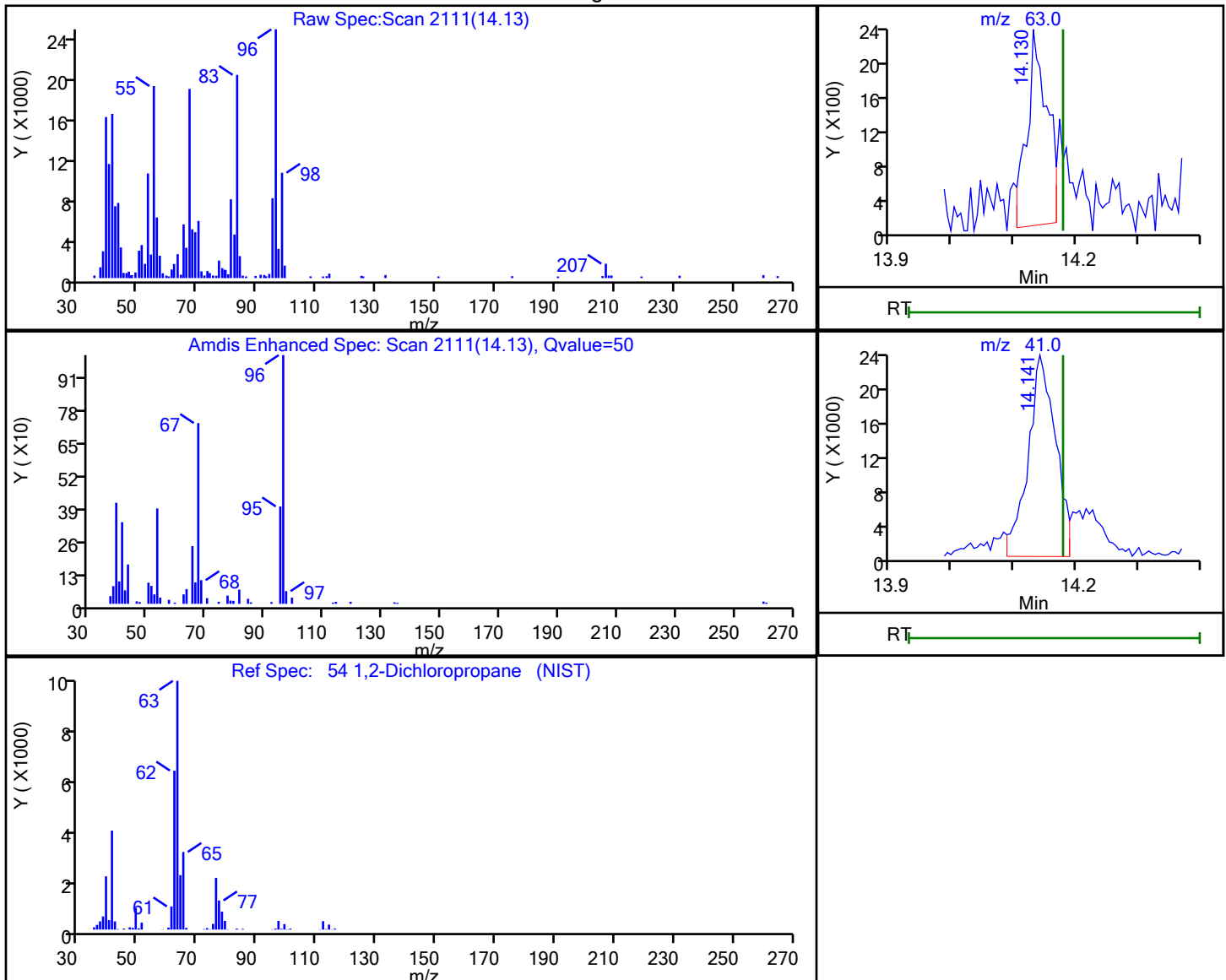
Audit Reason: Invalid Compound ID

## Eurofins TestAmerica, Burlington

Data File: \\chromfs\Burlington\ChromData\CHW.i\20201218-44134.b\44134-020.d  
Injection Date: 19-Dec-2020 01:48:30 Instrument ID: CHW.i  
Lims ID: 200-56451-A-3 Lab Sample ID: 200-56451-3  
Client ID: SG-203  
Operator ID: ggg ALS Bottle#: 19 Worklist Smp#: 20  
Purge Vol: 200.000 mL Dil. Factor: 1.0000  
Method: TO15\_TO3\_MasterMethod\_W Limit Group: AI\_TO15\_ICAL  
Column: RTX-624 ( 0.32 mm) Detector: MS SCAN

## 54 1,2-Dichloropropane, CAS: 78-87-5

## Processing Results



| RT    | Mass  | Response | Amount   |
|-------|-------|----------|----------|
| 14.13 | 63.00 | 5163     | 0.041575 |
| 14.14 | 41.00 | 71796    |          |

Reviewer: bunmaa, 21-Dec-2020 12:57:22

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID



## Eurofins TestAmerica, Burlington

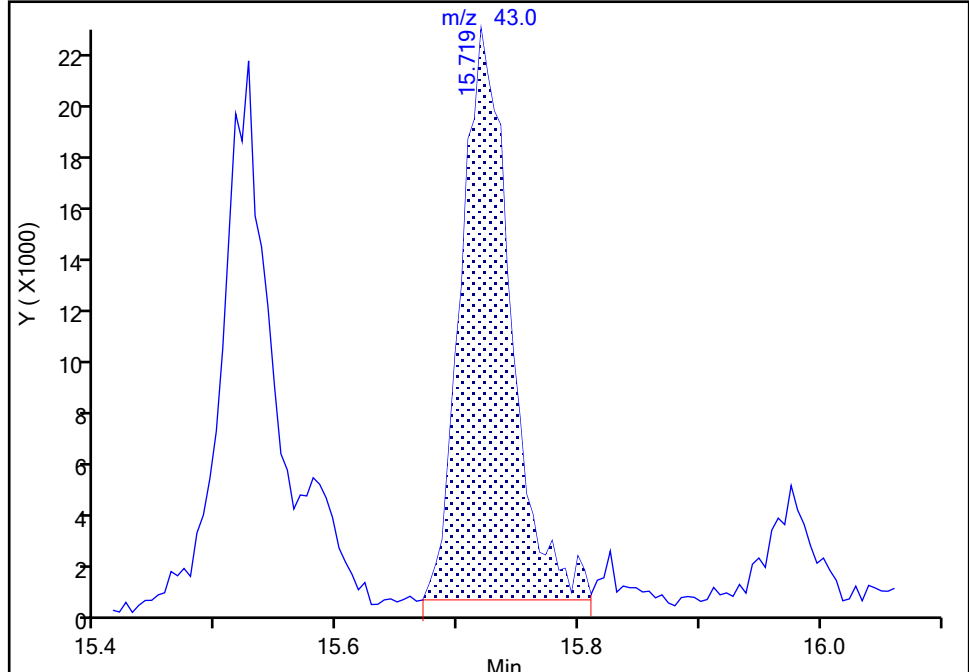
|                 |                                                                   |                |              |
|-----------------|-------------------------------------------------------------------|----------------|--------------|
| Data File:      | \\chromfs\Burlington\ChromData\CHW.i\20201218-44134.b\44134-020.d |                |              |
| Injection Date: | 19-Dec-2020 01:48:30                                              | Instrument ID: | CHW.i        |
| Lims ID:        | 200-56451-A-3                                                     | Lab Sample ID: | 200-56451-3  |
| Client ID:      | SG-203                                                            |                |              |
| Operator ID:    | ggg                                                               | ALS Bottle#:   | 19           |
| Purge Vol:      | 200.000 mL                                                        | Dil. Factor:   | 1.0000       |
| Method:         | TO15_TO3_MasterMethod_W                                           | Limit Group:   | AI_TO15_ICAL |
| Column:         | RTX-624 ( 0.32 mm)                                                | Detector:      | MS SCAN      |
|                 |                                                                   | Worklist Smp#: | 20           |

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

Signal: 1

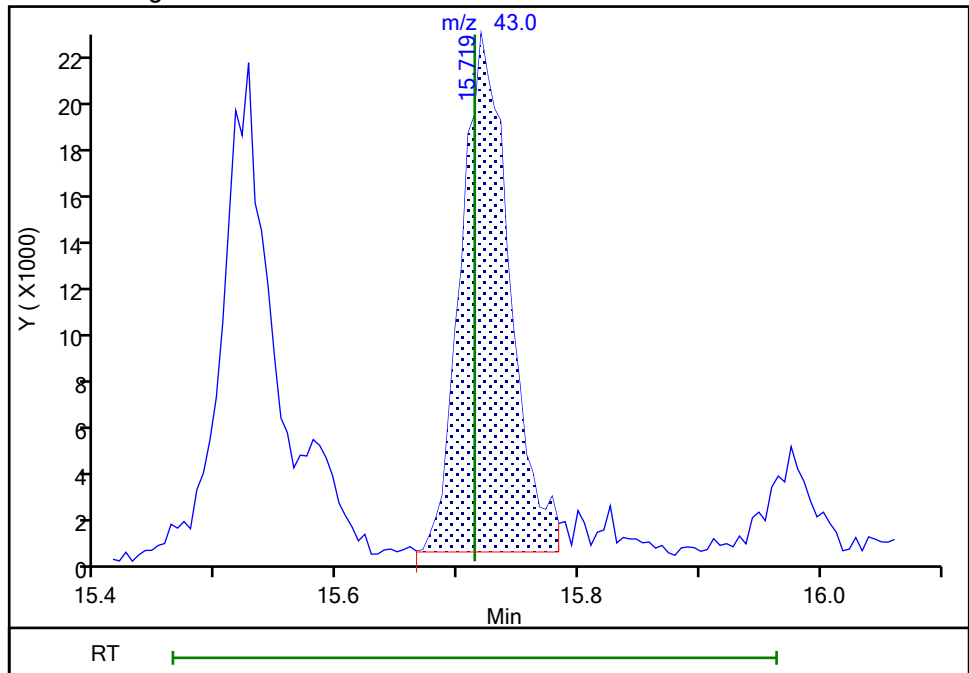
RT: 15.72  
Area: 62287  
Amount: 0.256572  
Amount Units: ppb v/v

## Processing Integration Results



RT: 15.72  
Area: 61481  
Amount: 0.253252  
Amount Units: ppb v/v

## Manual Integration Results



Reviewer: bunmaa, 21-Dec-2020 12:57:50

Audit Action: Manually Integrated

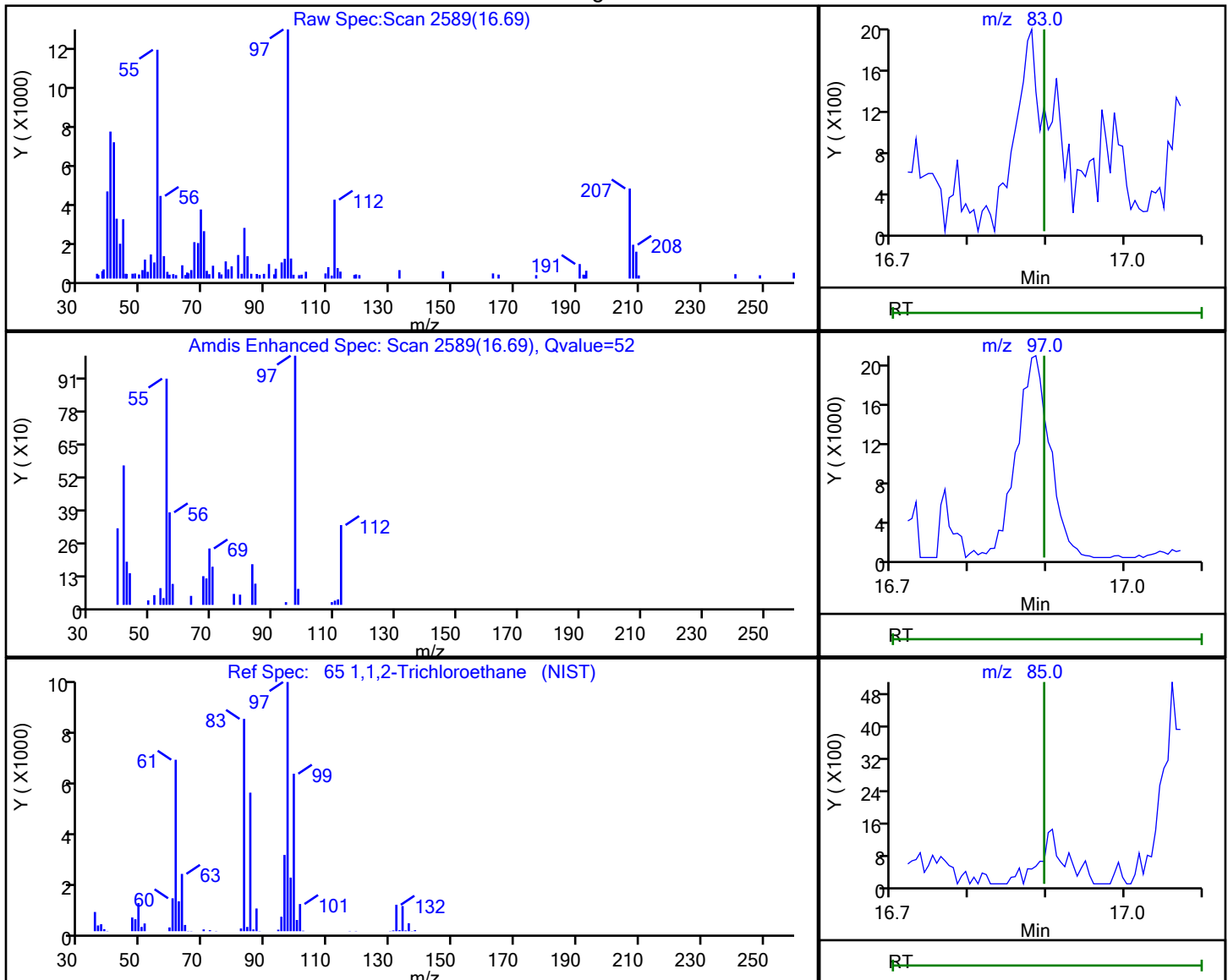
Audit Reason: Assign Peak

## Eurofins TestAmerica, Burlington

Data File: \\chromfs\Burlington\ChromData\CHW.i\20201218-44134.b\44134-020.d  
Injection Date: 19-Dec-2020 01:48:30 Instrument ID: CHW.i  
Lims ID: 200-56451-A-3 Lab Sample ID: 200-56451-3  
Client ID: SG-203  
Operator ID: ggg ALS Bottle#: 19 Worklist Smp#: 20  
Purge Vol: 200.000 mL Dil. Factor: 1.0000  
Method: TO15\_TO3\_MasterMethod\_W Limit Group: AI\_TO15\_ICAL  
Column: RTX-624 ( 0.32 mm) Detector: MS SCAN

## 65 1,1,2-Trichloroethane, CAS: 79-00-5

## Processing Results



| RT    | Mass  | Response | Amount   |
|-------|-------|----------|----------|
| 16.69 | 83.00 | 5516     | 0.048955 |
| 16.68 | 97.00 | 33374    |          |
| 16.90 | 85.00 | 0        |          |

Reviewer: bunmaa, 21-Dec-2020 12:58:12

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

## Eurofins TestAmerica, Burlington

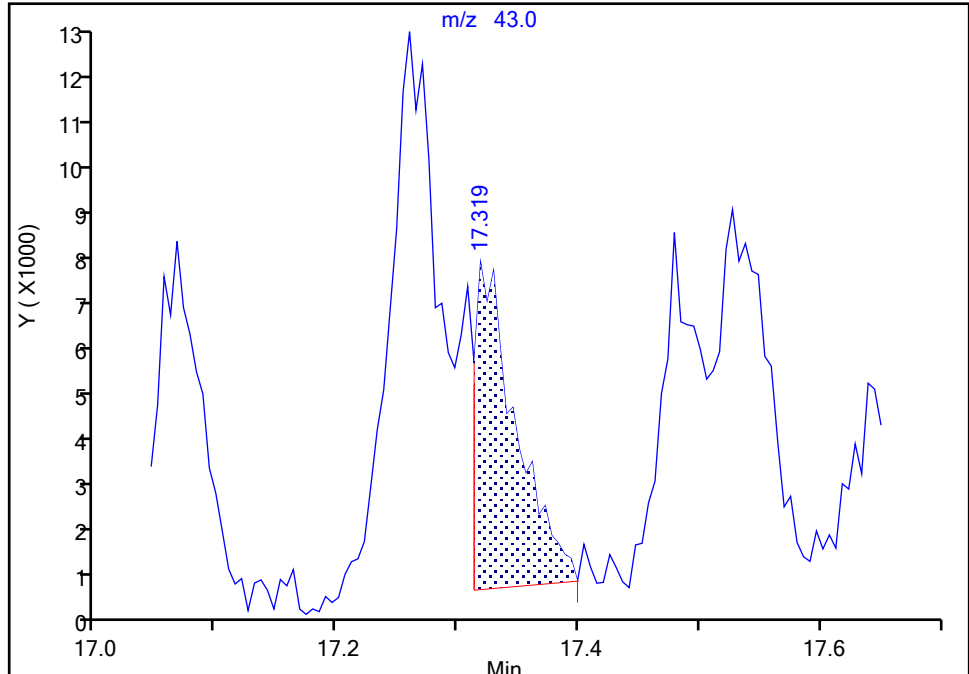
Data File: \\chromfs\Burlington\ChromData\CHW.i\20201218-44134.b\44134-020.d  
Injection Date: 19-Dec-2020 01:48:30 Instrument ID: CHW.i  
Lims ID: 200-56451-A-3 Lab Sample ID: 200-56451-3  
Client ID: SG-203  
Operator ID: ggg ALS Bottle#: 19 Worklist Smp#: 20  
Purge Vol: 200.000 mL Dil. Factor: 1.0000  
Method: TO15\_TO3\_MasterMethod\_W Limit Group: AI\_TO15\_ICAL  
Column: RTX-624 ( 0.32 mm) Detector: MS SCAN

**67 2-Hexanone, CAS: 591-78-6**

Signal: 1

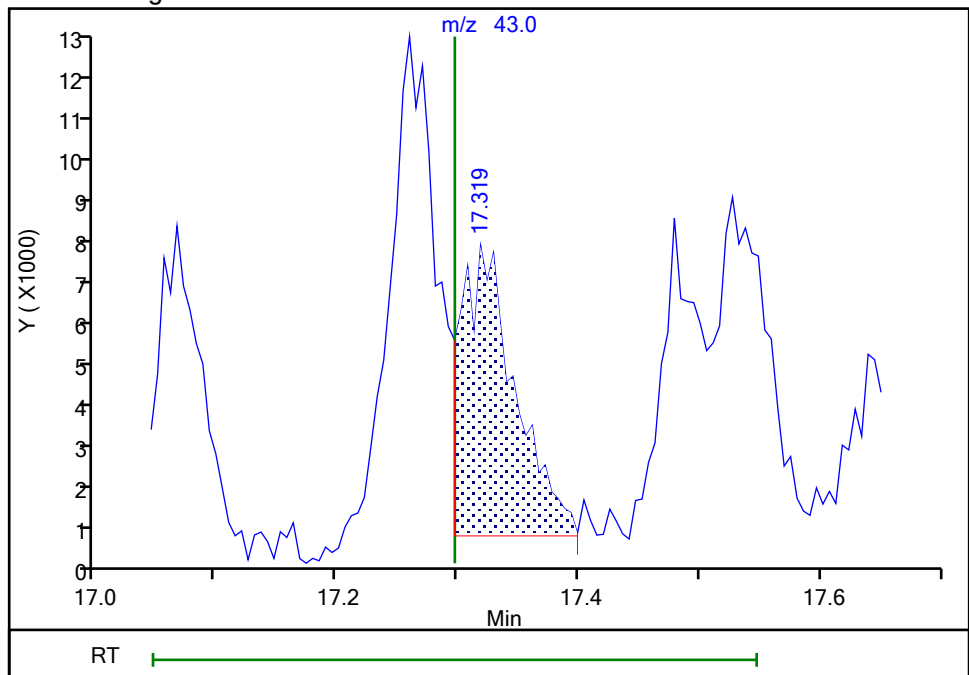
RT: 17.32  
Area: 15907  
Amount: 0.077358  
Amount Units: ppb v/v

## Processing Integration Results



RT: 17.32  
Area: 20776  
Amount: 0.101036  
Amount Units: ppb v/v

## Manual Integration Results



Reviewer: bunmaa, 21-Dec-2020 12:58:33

Audit Action: Manually Integrated

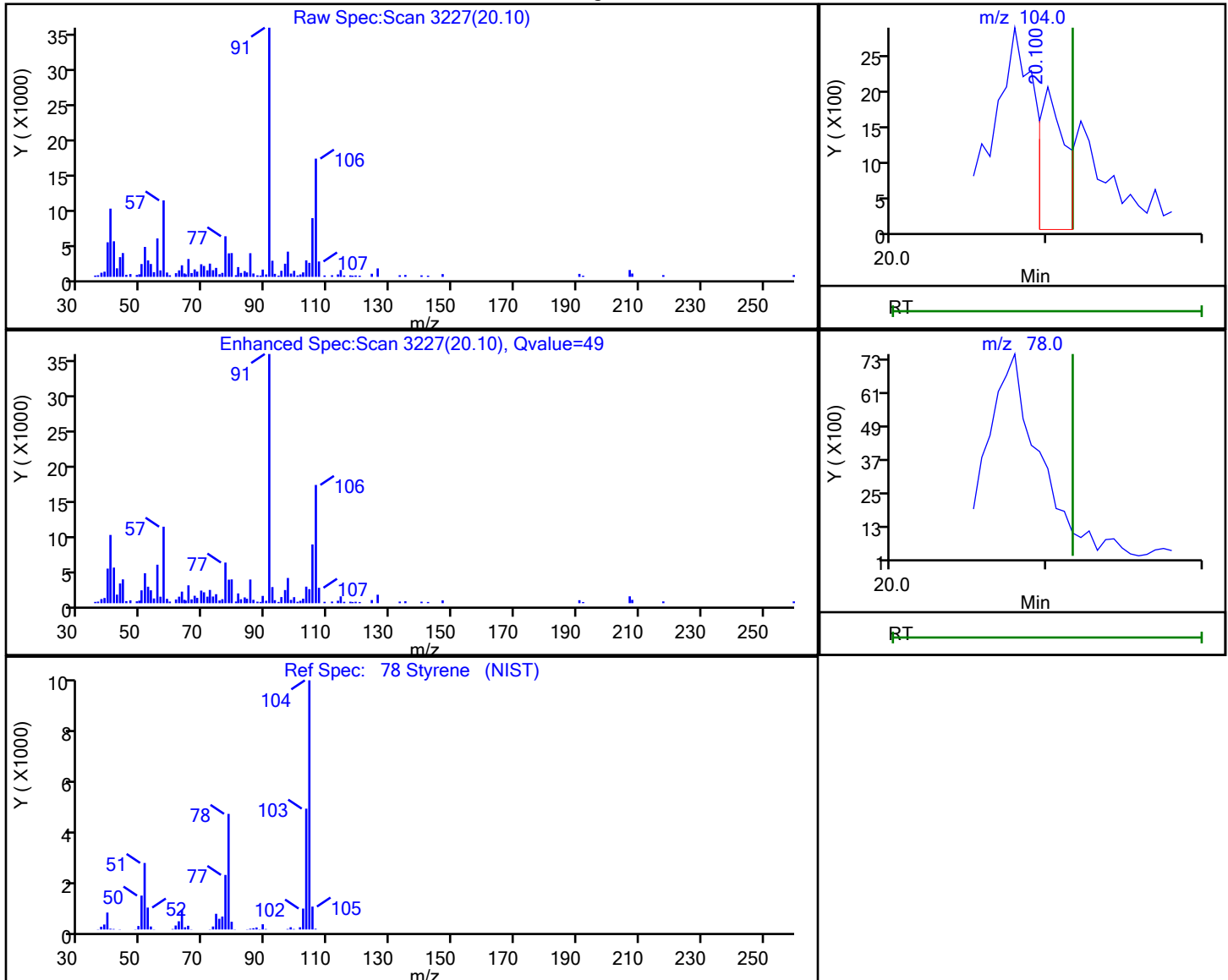
Audit Reason: Assign Peak

## Eurofins TestAmerica, Burlington

Data File: \\chromfs\Burlington\ChromData\CHW.i\20201218-44134.b\44134-020.d  
Injection Date: 19-Dec-2020 01:48:30 Instrument ID: CHW.i  
Lims ID: 200-56451-A-3 Lab Sample ID: 200-56451-3  
Client ID: SG-203  
Operator ID: ggg ALS Bottle#: 19 Worklist Smp#: 20  
Purge Vol: 200.000 mL Dil. Factor: 1.0000  
Method: TO15\_TO3\_MasterMethod\_W Limit Group: AI\_TO15\_ICAL  
Column: RTX-624 ( 0.32 mm) Detector: MS SCAN

## 78 Styrene, CAS: 100-42-5

## Processing Results



| RT    | Mass   | Response | Amount   |
|-------|--------|----------|----------|
| 20.10 | 104.00 | 2345     | 0.008460 |
| 20.12 | 78.00  | 0        |          |

Reviewer: bunmaa, 21-Dec-2020 12:59:05

Audit Action: Marked Compound Undetected

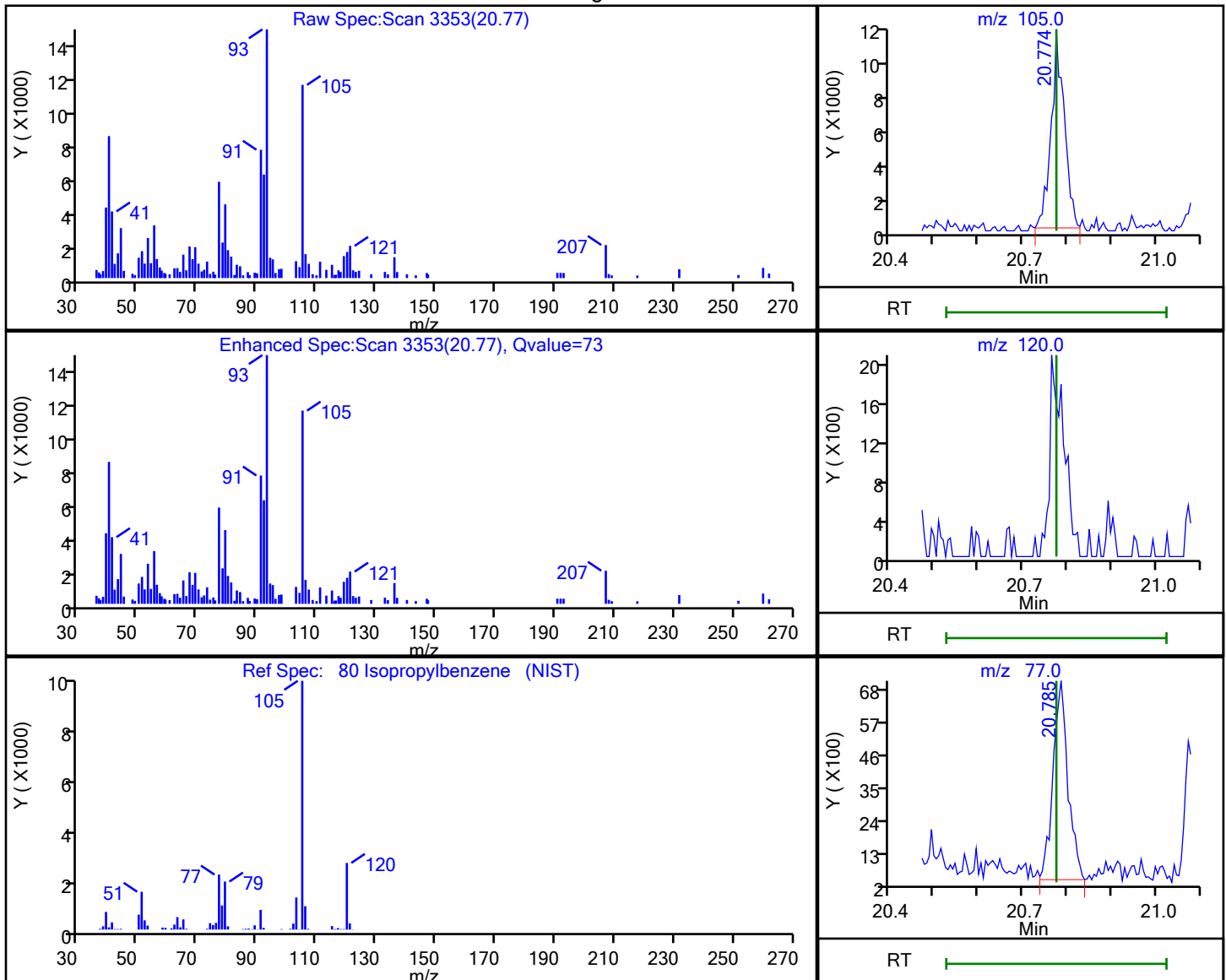
Audit Reason: Invalid Compound ID

## Eurofins TestAmerica, Burlington

Data File: \\chromfs\Burlington\ChromData\CHW.i\20201218-44134.b\44134-020.d  
Injection Date: 19-Dec-2020 01:48:30 Instrument ID: CHW.i  
Lims ID: 200-56451-A-3 Lab Sample ID: 200-56451-3  
Client ID: SG-203  
Operator ID: ggg ALS Bottle#: 19 Worklist Smp#: 20  
Purge Vol: 200.000 mL Dil. Factor: 1.0000  
Method: TO15\_TO3\_MasterMethod\_W Limit Group: AI\_TO15\_ICAL  
Column: RTX-624 ( 0.32 mm) Detector: MS SCAN

## 80 Isopropylbenzene, CAS: 98-82-8

## Processing Results



| RT    | Mass   | Response | Amount   |
|-------|--------|----------|----------|
| 20.77 | 105.00 | 22925    | 0.042797 |
| 20.77 | 120.00 | 0        |          |
| 20.79 | 77.00  | 16022    |          |

Reviewer: bunmaa, 21-Dec-2020 12:59:45

Audit Action: Marked Compound Undetected

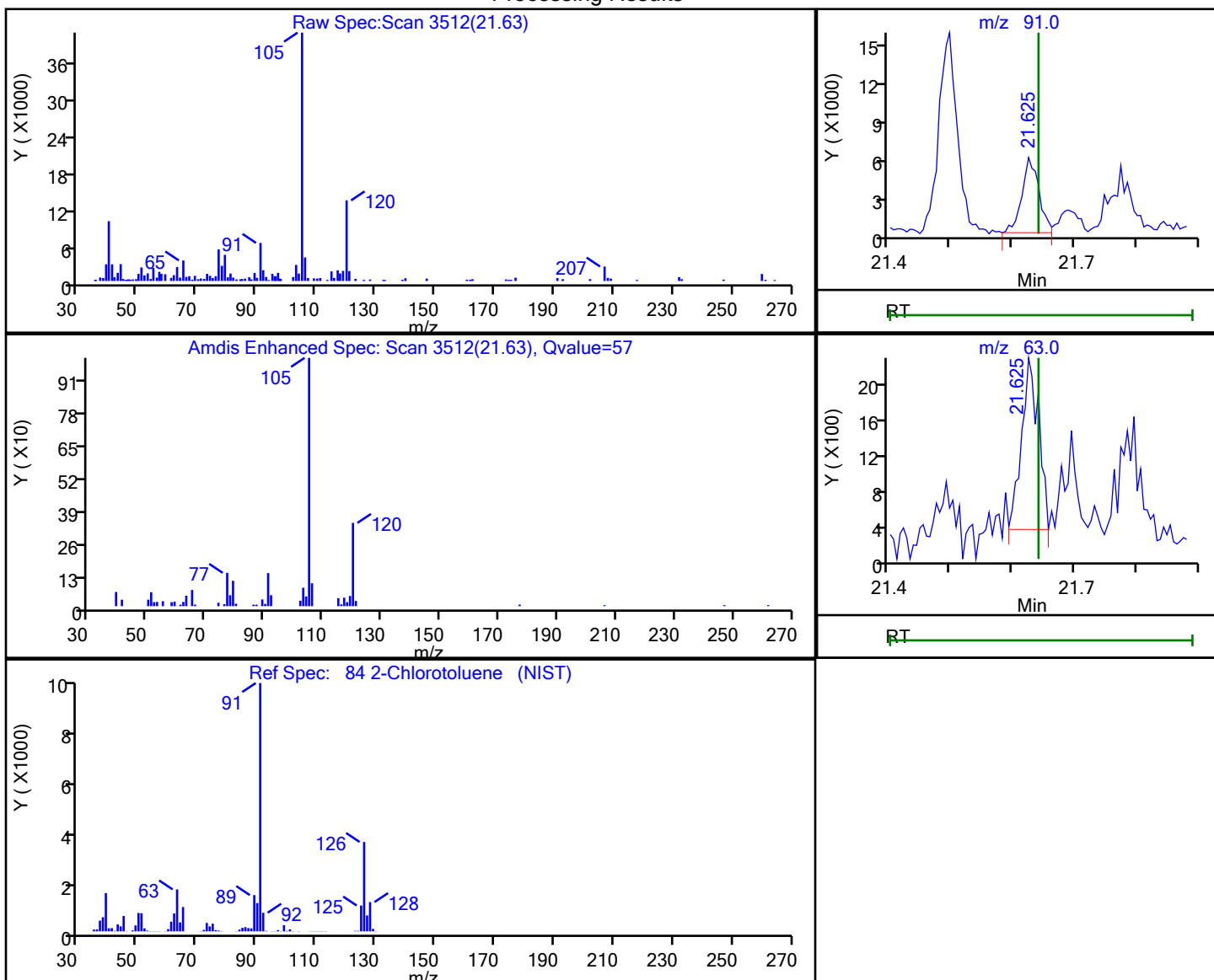
Audit Reason: Invalid Compound ID

## Eurofins TestAmerica, Burlington

Data File: \\chromfs\Burlington\ChromData\CHW.i\20201218-44134.b\44134-020.d  
Injection Date: 19-Dec-2020 01:48:30 Instrument ID: CHW.i  
Lims ID: 200-56451-A-3 Lab Sample ID: 200-56451-3  
Client ID: SG-203  
Operator ID: ggg ALS Bottle#: 19 Worklist Smp#: 20  
Purge Vol: 200.000 mL Dil. Factor: 1.0000  
Method: TO15\_TO3\_MasterMethod\_W Limit Group: AI\_TO15\_ICAL  
Column: RTX-624 ( 0.32 mm) Detector: MS SCAN

## 84 2-Chlorotoluene, CAS: 95-49-8

## Processing Results



| RT    | Mass  | Response | Amount   |
|-------|-------|----------|----------|
| 21.63 | 91.00 | 11294    | 0.028150 |
| 21.63 | 63.00 | 3713     |          |

Reviewer: bunmaa, 21-Dec-2020 12:59:58

Audit Action: Marked Compound Undetected

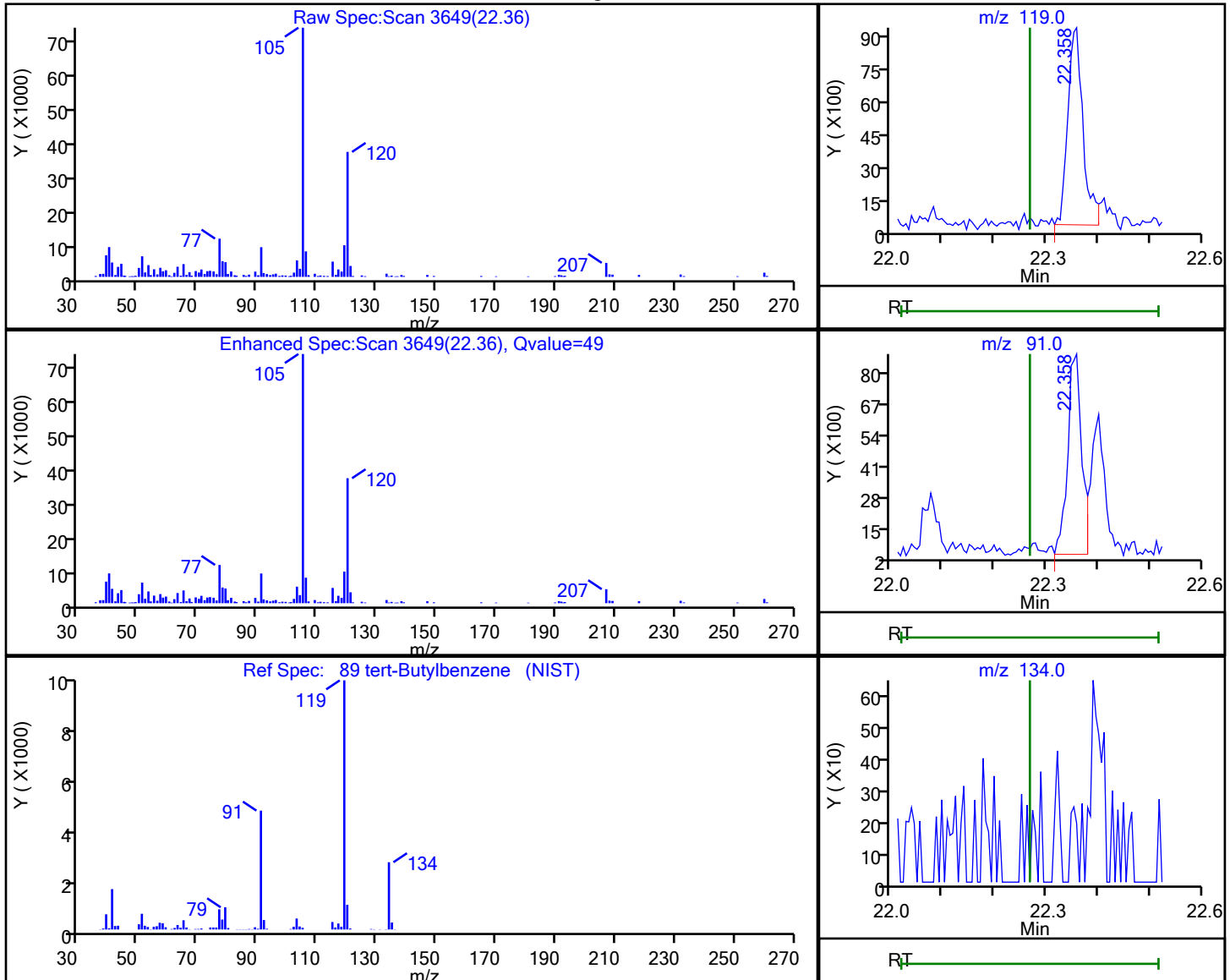
Audit Reason: Invalid Compound ID

## Eurofins TestAmerica, Burlington

Data File: \\chromfs\Burlington\ChromData\CHW.i\20201218-44134.b\44134-020.d  
Injection Date: 19-Dec-2020 01:48:30 Instrument ID: CHW.i  
Lims ID: 200-56451-A-3 Lab Sample ID: 200-56451-3  
Client ID: SG-203  
Operator ID: ggg ALS Bottle#: 19 Worklist Smp#: 20  
Purge Vol: 200.000 mL Dil. Factor: 1.0000  
Method: TO15\_TO3\_MasterMethod\_W Limit Group: AI\_TO15\_ICAL  
Column: RTX-624 ( 0.32 mm) Detector: MS SCAN

## 89 tert-Butylbenzene, CAS: 98-06-6

## Processing Results



| RT    | Mass   | Response | Amount   |
|-------|--------|----------|----------|
| 22.36 | 119.00 | 18711    | 0.040904 |
| 22.36 | 91.00  | 16171    |          |
| 22.27 | 134.00 | 0        |          |

Reviewer: bunmaa, 21-Dec-2020 13:00:06

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

## Eurofins TestAmerica, Burlington

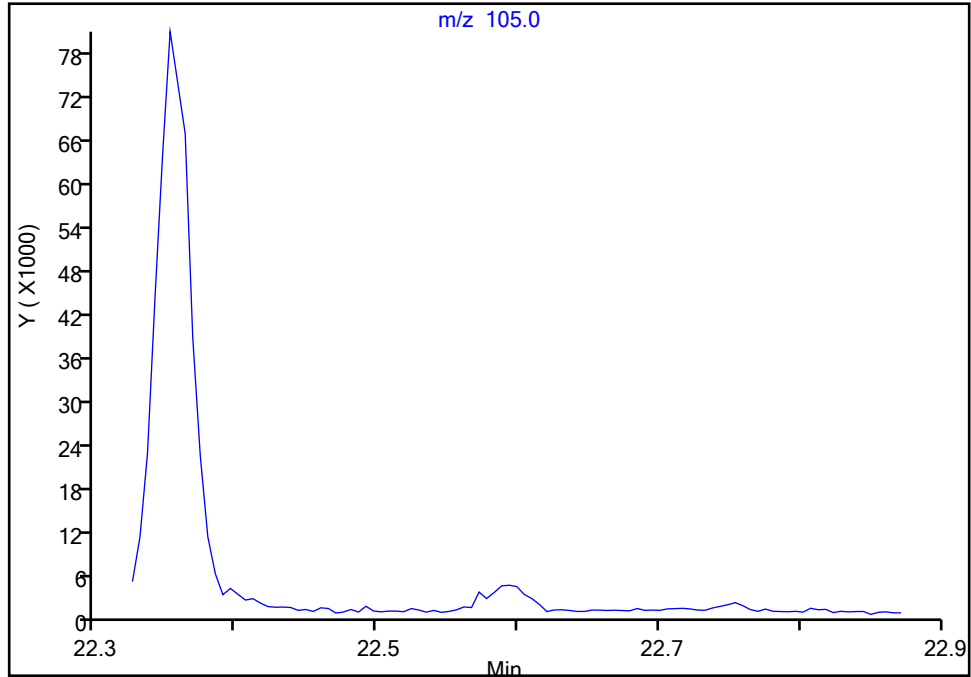
|                 |                                                                   |                |              |                |    |
|-----------------|-------------------------------------------------------------------|----------------|--------------|----------------|----|
| Data File:      | \\chromfs\Burlington\ChromData\CHW.i\20201218-44134.b\44134-020.d |                |              |                |    |
| Injection Date: | 19-Dec-2020 01:48:30                                              | Instrument ID: | CHW.i        |                |    |
| Lims ID:        | 200-56451-A-3                                                     | Lab Sample ID: | 200-56451-3  |                |    |
| Client ID:      | SG-203                                                            |                |              |                |    |
| Operator ID:    | ggg                                                               | ALS Bottle#:   | 19           | Worklist Smp#: | 20 |
| Purge Vol:      | 200.000 mL                                                        | Dil. Factor:   | 1.0000       |                |    |
| Method:         | TO15_TO3_MasterMethod_W                                           | Limit Group:   | AI_TO15_ICAL |                |    |
| Column:         | RTX-624 ( 0.32 mm)                                                | Detector:      | MS SCAN      |                |    |

**91 sec-Butylbenzene, CAS: 135-98-8**

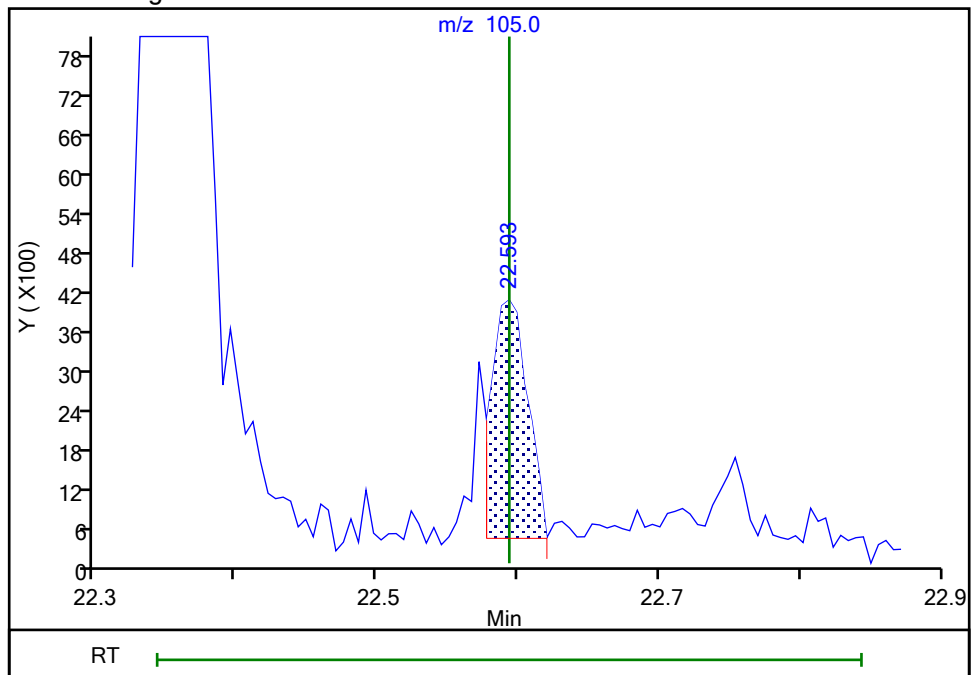
Signal: 1

Not Detected  
Expected RT: 22.59

## Processing Integration Results

RT: 22.59  
Area: 6519  
Amount: 0.009840  
Amount Units: ppb v/v

## Manual Integration Results



Reviewer: bunmaa, 21-Dec-2020 13:00:20

Audit Action: Manually Integrated

Audit Reason: Assign Peak

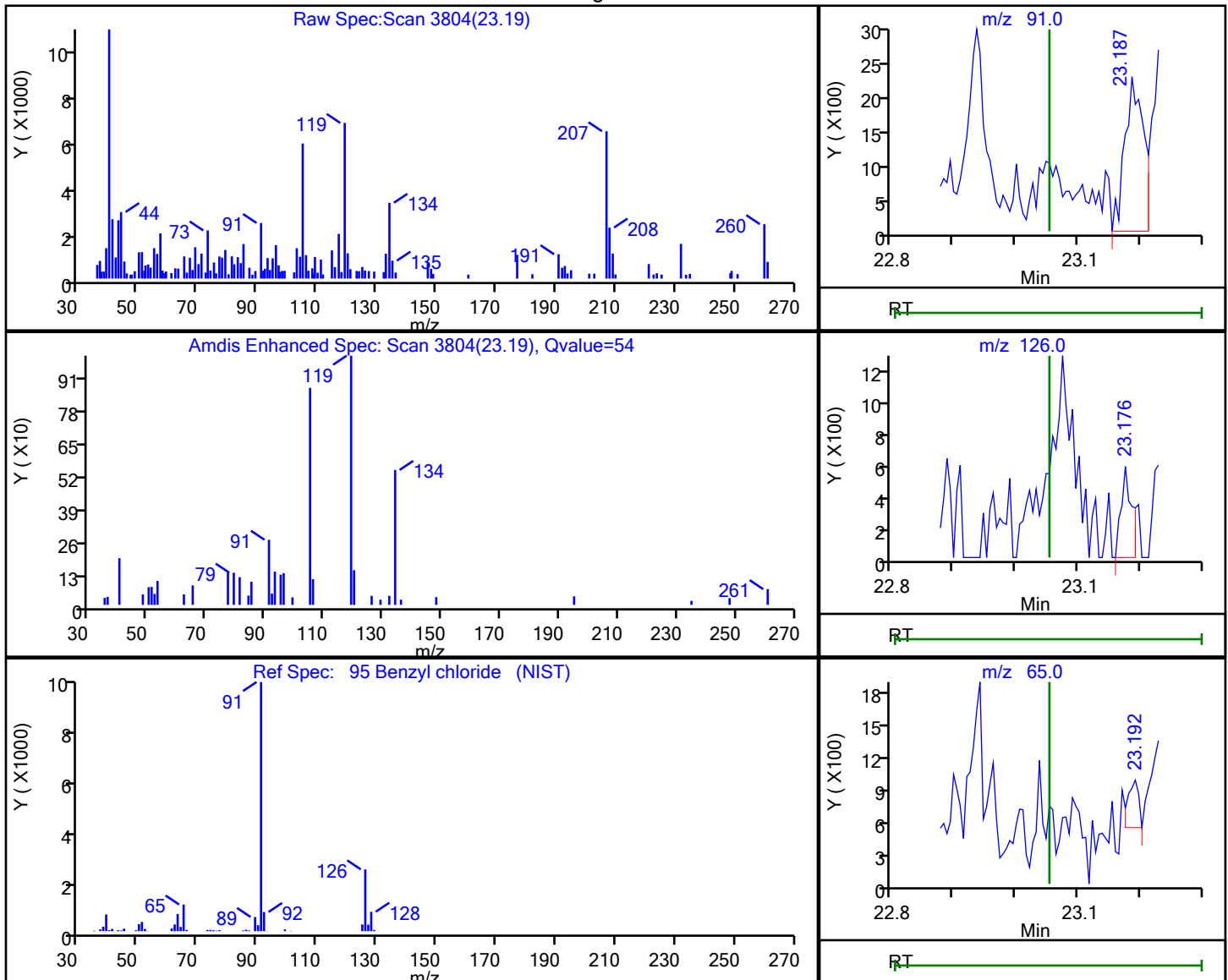


## Eurofins TestAmerica, Burlington

Data File: \\chromfs\Burlington\ChromData\CHW.i\20201218-44134.b\44134-020.d  
Injection Date: 19-Dec-2020 01:48:30 Instrument ID: CHW.i  
Lims ID: 200-56451-A-3 Lab Sample ID: 200-56451-3  
Client ID: SG-203  
Operator ID: ggg ALS Bottle#: 19 Worklist Smp#: 20  
Purge Vol: 200.000 mL Dil. Factor: 1.0000  
Method: TO15\_TO3\_MasterMethod\_W Limit Group: AI\_TO15\_ICAL  
Column: RTX-624 ( 0.32 mm) Detector: MS SCAN

## 95 Benzyl chloride, CAS: 100-44-7

## Processing Results



| RT    | Mass   | Response | Amount   |
|-------|--------|----------|----------|
| 23.19 | 91.00  | 4746     | 0.016157 |
| 23.18 | 126.00 | 694      |          |
| 23.19 | 65.00  | 525      |          |

Reviewer: bunmaa, 21-Dec-2020 13:00:42

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

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

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-56451-1  
 SDG No.: 200-56451-1  
 Client Sample ID: SG-204 Lab Sample ID: 200-56451-4  
 Matrix: Air Lab File ID: 44134-021.d  
 Analysis Method: TO-15 Date Collected: 12/09/2020 14:52  
 Sample wt/vol: 200 (mL) Date Analyzed: 12/19/2020 02:44  
 Soil Aliquot Vol: \_\_\_\_\_ Dilution Factor: 1  
 Soil Extract Vol.: \_\_\_\_\_ GC Column: RTX-624 ID: 0.32 (mm)  
 % Moisture: \_\_\_\_\_ Level: (low/med) Low  
 Analysis Batch No.: 162240 Units: ug/m3

| CAS NO.   | COMPOUND NAME                    | MOLECULAR WEIGHT | RESULT | Q | RL   | MDL  |
|-----------|----------------------------------|------------------|--------|---|------|------|
| 75-71-8   | Dichlorodifluoromethane          | 120.91           | 1.8    | J | 2.5  | 0.54 |
| 75-45-6   | Chlorodifluoromethane            | 86.47            | 1.8    | U | 1.8  | 0.42 |
| 76-14-2   | 1,2-Dichlorotetrafluoroethane    | 170.92           | 1.4    | U | 1.4  | 0.24 |
| 74-87-3   | Chloromethane                    | 50.49            | 1.0    | U | 1.0  | 0.23 |
| 106-97-8  | n-Butane                         | 58.12            | 15     |   | 1.2  | 0.26 |
| 75-01-4   | Vinyl chloride                   | 62.50            | 0.20   | U | 0.20 | 0.11 |
| 106-99-0  | 1,3-Butadiene                    | 54.09            | 0.81   |   | 0.44 | 0.13 |
| 74-83-9   | Bromomethane                     | 94.94            | 0.78   | U | 0.78 | 0.20 |
| 75-00-3   | Chloroethane                     | 64.52            | 1.3    | U | 1.3  | 0.14 |
| 593-60-2  | Bromoethene (Vinyl Bromide)      | 106.96           | 0.87   | U | 0.87 | 0.23 |
| 75-69-4   | Trichlorofluoromethane           | 137.37           | 1.3    |   | 1.1  | 0.34 |
| 76-13-1   | 1,1,2-Trichlorotrifluoroethane   | 187.38           | 0.46   | J | 1.5  | 0.29 |
| 75-35-4   | 1,1-Dichloroethene               | 96.94            | 0.20   | U | 0.20 | 0.15 |
| 67-64-1   | Acetone                          | 58.08            | 11     | J | 12   | 2.9  |
| 67-63-0   | Isopropyl alcohol                | 60.10            | 12     | U | 12   | 1.2  |
| 75-15-0   | Carbon disulfide                 | 76.14            | 4.4    |   | 1.6  | 0.23 |
| 107-05-1  | 3-Chloropropene                  | 76.53            | 1.6    | U | 1.6  | 0.20 |
| 75-09-2   | Methylene Chloride               | 84.93            | 1.7    | U | 1.7  | 0.94 |
| 75-65-0   | tert-Butyl alcohol               | 74.12            | 0.53   | J | 15   | 0.12 |
| 1634-04-4 | Methyl tert-butyl ether          | 88.15            | 0.72   | U | 0.72 | 0.12 |
| 156-60-5  | trans-1,2-Dichloroethene         | 96.94            | 0.79   | U | 0.79 | 0.17 |
| 110-54-3  | n-Hexane                         | 86.17            | 6.4    |   | 0.70 | 0.70 |
| 75-34-3   | 1,1-Dichloroethane               | 98.96            | 0.81   | U | 0.81 | 0.17 |
| 78-93-3   | Methyl Ethyl Ketone (2-Butanone) | 72.11            | 2.9    |   | 1.5  | 0.21 |
| 156-59-2  | cis-1,2-Dichloroethene           | 96.94            | 0.20   | U | 0.20 | 0.18 |
| 67-66-3   | Chloroform                       | 119.38           | 0.25   | J | 0.98 | 0.16 |
| 109-99-9  | Tetrahydrofuran                  | 72.11            | 15     | U | 15   | 0.19 |
| 71-55-6   | 1,1,1-Trichloroethane            | 133.41           | 1.1    | U | 1.1  | 0.20 |
| 110-82-7  | Cyclohexane                      | 84.16            | 5.2    |   | 0.69 | 0.16 |
| 56-23-5   | Carbon tetrachloride             | 153.81           | 0.22   | U | 0.22 | 0.15 |
| 540-84-1  | 2,2,4-Trimethylpentane           | 114.23           | 0.93   | U | 0.93 | 0.19 |
| 71-43-2   | Benzene                          | 78.11            | 2.7    |   | 0.64 | 0.21 |
| 107-06-2  | 1,2-Dichloroethane               | 98.96            | 0.81   | U | 0.81 | 0.13 |

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

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-56451-1  
 SDG No.: 200-56451-1  
 Client Sample ID: SG-204 Lab Sample ID: 200-56451-4  
 Matrix: Air Lab File ID: 44134-021.d  
 Analysis Method: TO-15 Date Collected: 12/09/2020 14:52  
 Sample wt/vol: 200 (mL) Date Analyzed: 12/19/2020 02:44  
 Soil Aliquot Vol: \_\_\_\_\_ Dilution Factor: 1  
 Soil Extract Vol.: \_\_\_\_\_ GC Column: RTX-624 ID: 0.32 (mm)  
 % Moisture: \_\_\_\_\_ Level: (low/med) Low  
 Analysis Batch No.: 162240 Units: ug/m3

| CAS NO.     | COMPOUND NAME                                    | MOLECULAR WEIGHT | RESULT | Q | RL   | MDL  |
|-------------|--------------------------------------------------|------------------|--------|---|------|------|
| 142-82-5    | n-Heptane                                        | 100.21           | 5.9    |   | 0.82 | 0.23 |
| 79-01-6     | Trichloroethene                                  | 131.39           | 10     |   | 0.20 | 0.19 |
| 80-62-6     | Methyl methacrylate                              | 100.12           | 2.0    | U | 2.0  | 0.14 |
| 78-87-5     | 1,2-Dichloropropane                              | 112.99           | 0.92   | U | 0.92 | 0.15 |
| 123-91-1    | 1,4-Dioxane                                      | 88.11            | 18     | U | 18   | 0.30 |
| 75-27-4     | Bromodichloromethane                             | 163.83           | 1.3    | U | 1.3  | 0.23 |
| 10061-01-5  | cis-1,3-Dichloropropene                          | 110.97           | 0.91   | U | 0.91 | 0.15 |
| 108-10-1    | 4-Methyl-2-pentanone<br>(Methyl isobutyl ketone) | 100.16           | 1.1    | J | 2.0  | 0.15 |
| 108-88-3    | Toluene                                          | 92.14            | 3.7    |   | 0.75 | 0.41 |
| 10061-02-6  | trans-1,3-Dichloropropene                        | 110.97           | 0.91   | U | 0.91 | 0.18 |
| 79-00-5     | 1,1,2-Trichloroethane                            | 133.41           | 1.1    | U | 1.1  | 0.20 |
| 127-18-4    | Tetrachloroethene                                | 165.83           | 1.9    |   | 1.4  | 0.22 |
| 591-78-6    | Methyl Butyl Ketone<br>(2-Hexanone)              | 100.20           | 0.51   | J | 2.0  | 0.20 |
| 124-48-1    | Dibromochloromethane                             | 208.28           | 1.7    | U | 1.7  | 0.31 |
| 106-93-4    | 1,2-Dibromoethane                                | 187.87           | 1.5    | U | 1.5  | 0.38 |
| 108-90-7    | Chlorobenzene                                    | 112.56           | 0.92   | U | 0.92 | 0.26 |
| 100-41-4    | Ethylbenzene                                     | 106.17           | 0.67   | J | 0.87 | 0.27 |
| 179601-23-1 | m,p-Xylene                                       | 106.17           | 3.1    |   | 2.2  | 0.43 |
| 95-47-6     | o-Xylene                                         | 106.17           | 1.3    |   | 0.87 | 0.21 |
| 100-42-5    | Styrene                                          | 104.15           | 0.85   | U | 0.85 | 0.17 |
| 75-25-2     | Bromoform                                        | 252.75           | 2.1    | U | 2.1  | 0.50 |
| 98-82-8     | Cumene                                           | 120.19           | 0.98   | U | 0.98 | 0.17 |
| 79-34-5     | 1,1,2,2-Tetrachloroethane                        | 167.85           | 1.4    | U | 1.4  | 0.29 |
| 103-65-1    | n-Propylbenzene                                  | 120.19           | 0.98   | U | 0.98 | 0.19 |
| 622-96-8    | 4-Ethyltoluene                                   | 120.20           | 0.98   | U | 0.98 | 0.20 |
| 108-67-8    | 1,3,5-Trimethylbenzene                           | 120.20           | 0.98   | U | 0.98 | 0.19 |
| 95-49-8     | 2-Chlorotoluene                                  | 126.59           | 1.0    | U | 1.0  | 0.22 |
| 98-06-6     | tert-Butylbenzene                                | 134.22           | 1.1    | U | 1.1  | 0.19 |
| 95-63-6     | 1,2,4-Trimethylbenzene                           | 120.20           | 0.87   | J | 0.98 | 0.22 |
| 135-98-8    | sec-Butylbenzene                                 | 134.22           | 1.1    | U | 1.1  | 0.19 |
| 99-87-6     | 4-Isopropyltoluene                               | 134.22           | 0.87   | J | 1.1  | 0.21 |
| 541-73-1    | 1,3-Dichlorobenzene                              | 147.00           | 1.2    | U | 1.2  | 0.66 |
| 106-46-7    | 1,4-Dichlorobenzene                              | 147.00           | 1.2    | U | 1.2  | 0.72 |

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

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-56451-1  
 SDG No.: 200-56451-1  
 Client Sample ID: SG-204 Lab Sample ID: 200-56451-4  
 Matrix: Air Lab File ID: 44134-021.d  
 Analysis Method: TO-15 Date Collected: 12/09/2020 14:52  
 Sample wt/vol: 200 (mL) Date Analyzed: 12/19/2020 02:44  
 Soil Aliquot Vol: \_\_\_\_\_ Dilution Factor: 1  
 Soil Extract Vol.: \_\_\_\_\_ GC Column: RTX-624 ID: 0.32 (mm)  
 % Moisture: \_\_\_\_\_ Level: (low/med) Low  
 Analysis Batch No.: 162240 Units: ug/m3

| CAS NO.  | COMPOUND NAME          | MOLECULAR WEIGHT | RESULT | Q | RL  | MDL  |
|----------|------------------------|------------------|--------|---|-----|------|
| 100-44-7 | Benzyl chloride        | 126.58           | 1.0    | U | 1.0 | 0.44 |
| 104-51-8 | n-Butylbenzene         | 134.22           | 1.1    | U | 1.1 | 0.21 |
| 95-50-1  | 1,2-Dichlorobenzene    | 147.00           | 1.2    | U | 1.2 | 0.58 |
| 120-82-1 | 1,2,4-Trichlorobenzene | 181.45           | 3.7    | U | 3.7 | 1.6  |
| 87-68-3  | Hexachlorobutadiene    | 260.76           | 2.1    | U | 2.1 | 0.81 |
| 91-20-3  | Naphthalene            | 128.17           | 2.6    | U | 2.6 | 0.89 |

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

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-56451-1  
 SDG No.: 200-56451-1  
 Client Sample ID: SG-204 Lab Sample ID: 200-56451-4  
 Matrix: Air Lab File ID: 44134-021.d  
 Analysis Method: TO-15 Date Collected: 12/09/2020 14:52  
 Sample wt/vol: 200 (mL) Date Analyzed: 12/19/2020 02:44  
 Soil Aliquot Vol: \_\_\_\_\_ Dilution Factor: 1  
 Soil Extract Vol.: \_\_\_\_\_ GC Column: RTX-624 ID: 0.32 (mm)  
 % Moisture: \_\_\_\_\_ Level: (low/med) Low  
 Analysis Batch No.: 162240 Units: ppb v/v

| CAS NO.   | COMPOUND NAME                    | MOLECULAR WEIGHT | RESULT | Q | RL    | MDL   |
|-----------|----------------------------------|------------------|--------|---|-------|-------|
| 75-71-8   | Dichlorodifluoromethane          | 120.91           | 0.36   | J | 0.50  | 0.11  |
| 75-45-6   | Chlorodifluoromethane            | 86.47            | 0.50   | U | 0.50  | 0.12  |
| 76-14-2   | 1,2-Dichlorotetrafluoroethane    | 170.92           | 0.20   | U | 0.20  | 0.035 |
| 74-87-3   | Chloromethane                    | 50.49            | 0.50   | U | 0.50  | 0.11  |
| 106-97-8  | n-Butane                         | 58.12            | 6.4    |   | 0.50  | 0.11  |
| 75-01-4   | Vinyl chloride                   | 62.50            | 0.078  | U | 0.078 | 0.044 |
| 106-99-0  | 1,3-Butadiene                    | 54.09            | 0.37   |   | 0.20  | 0.057 |
| 74-83-9   | Bromomethane                     | 94.94            | 0.20   | U | 0.20  | 0.051 |
| 75-00-3   | Chloroethane                     | 64.52            | 0.50   | U | 0.50  | 0.054 |
| 593-60-2  | Bromoethene (Vinyl Bromide)      | 106.96           | 0.20   | U | 0.20  | 0.052 |
| 75-69-4   | Trichlorofluoromethane           | 137.37           | 0.23   |   | 0.20  | 0.060 |
| 76-13-1   | 1,1,2-Trichlorotrifluoroethane   | 187.38           | 0.061  | J | 0.20  | 0.038 |
| 75-35-4   | 1,1-Dichloroethene               | 96.94            | 0.050  | U | 0.050 | 0.039 |
| 67-64-1   | Acetone                          | 58.08            | 4.8    | J | 5.0   | 1.2   |
| 67-63-0   | Isopropyl alcohol                | 60.10            | 5.0    | U | 5.0   | 0.48  |
| 75-15-0   | Carbon disulfide                 | 76.14            | 1.4    |   | 0.50  | 0.074 |
| 107-05-1  | 3-Chloropropene                  | 76.53            | 0.50   | U | 0.50  | 0.064 |
| 75-09-2   | Methylene Chloride               | 84.93            | 0.50   | U | 0.50  | 0.27  |
| 75-65-0   | tert-Butyl alcohol               | 74.12            | 0.18   | J | 5.0   | 0.038 |
| 1634-04-4 | Methyl tert-butyl ether          | 88.15            | 0.20   | U | 0.20  | 0.033 |
| 156-60-5  | trans-1,2-Dichloroethene         | 96.94            | 0.20   | U | 0.20  | 0.042 |
| 110-54-3  | n-Hexane                         | 86.17            | 1.8    |   | 0.20  | 0.20  |
| 75-34-3   | 1,1-Dichloroethane               | 98.96            | 0.20   | U | 0.20  | 0.041 |
| 78-93-3   | Methyl Ethyl Ketone (2-Butanone) | 72.11            | 0.99   |   | 0.50  | 0.072 |
| 156-59-2  | cis-1,2-Dichloroethene           | 96.94            | 0.050  | U | 0.050 | 0.045 |
| 67-66-3   | Chloroform                       | 119.38           | 0.051  | J | 0.20  | 0.032 |
| 109-99-9  | Tetrahydrofuran                  | 72.11            | 5.0    | U | 5.0   | 0.066 |
| 71-55-6   | 1,1,1-Trichloroethane            | 133.41           | 0.20   | U | 0.20  | 0.036 |
| 110-82-7  | Cyclohexane                      | 84.16            | 1.5    |   | 0.20  | 0.046 |
| 56-23-5   | Carbon tetrachloride             | 153.81           | 0.035  | U | 0.035 | 0.024 |
| 540-84-1  | 2,2,4-Trimethylpentane           | 114.23           | 0.20   | U | 0.20  | 0.041 |
| 71-43-2   | Benzene                          | 78.11            | 0.84   |   | 0.20  | 0.067 |
| 107-06-2  | 1,2-Dichloroethane               | 98.96            | 0.20   | U | 0.20  | 0.032 |

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

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-56451-1  
 SDG No.: 200-56451-1  
 Client Sample ID: SG-204 Lab Sample ID: 200-56451-4  
 Matrix: Air Lab File ID: 44134-021.d  
 Analysis Method: TO-15 Date Collected: 12/09/2020 14:52  
 Sample wt/vol: 200 (mL) Date Analyzed: 12/19/2020 02:44  
 Soil Aliquot Vol: \_\_\_\_\_ Dilution Factor: 1  
 Soil Extract Vol.: \_\_\_\_\_ GC Column: RTX-624 ID: 0.32 (mm)  
 % Moisture: \_\_\_\_\_ Level: (low/med) Low  
 Analysis Batch No.: 162240 Units: ppb v/v

| CAS NO.     | COMPOUND NAME                                    | MOLECULAR WEIGHT | RESULT | Q | RL    | MDL   |
|-------------|--------------------------------------------------|------------------|--------|---|-------|-------|
| 142-82-5    | n-Heptane                                        | 100.21           | 1.4    |   | 0.20  | 0.056 |
| 79-01-6     | Trichloroethene                                  | 131.39           | 1.9    |   | 0.037 | 0.035 |
| 80-62-6     | Methyl methacrylate                              | 100.12           | 0.50   | U | 0.50  | 0.033 |
| 78-87-5     | 1,2-Dichloropropane                              | 112.99           | 0.20   | U | 0.20  | 0.033 |
| 123-91-1    | 1,4-Dioxane                                      | 88.11            | 5.0    | U | 5.0   | 0.084 |
| 75-27-4     | Bromodichloromethane                             | 163.83           | 0.20   | U | 0.20  | 0.035 |
| 10061-01-5  | cis-1,3-Dichloropropene                          | 110.97           | 0.20   | U | 0.20  | 0.032 |
| 108-10-1    | 4-Methyl-2-pentanone<br>(Methyl isobutyl ketone) | 100.16           | 0.28   | J | 0.50  | 0.036 |
| 108-88-3    | Toluene                                          | 92.14            | 0.97   |   | 0.20  | 0.11  |
| 10061-02-6  | trans-1,3-Dichloropropene                        | 110.97           | 0.20   | U | 0.20  | 0.039 |
| 79-00-5     | 1,1,2-Trichloroethane                            | 133.41           | 0.20   | U | 0.20  | 0.036 |
| 127-18-4    | Tetrachloroethene                                | 165.83           | 0.28   |   | 0.20  | 0.033 |
| 591-78-6    | Methyl Butyl Ketone<br>(2-Hexanone)              | 100.20           | 0.12   | J | 0.50  | 0.048 |
| 124-48-1    | Dibromochloromethane                             | 208.28           | 0.20   | U | 0.20  | 0.036 |
| 106-93-4    | 1,2-Dibromoethane                                | 187.87           | 0.20   | U | 0.20  | 0.049 |
| 108-90-7    | Chlorobenzene                                    | 112.56           | 0.20   | U | 0.20  | 0.056 |
| 100-41-4    | Ethylbenzene                                     | 106.17           | 0.16   | J | 0.20  | 0.063 |
| 179601-23-1 | m,p-Xylene                                       | 106.17           | 0.72   |   | 0.50  | 0.10  |
| 95-47-6     | o-Xylene                                         | 106.17           | 0.31   |   | 0.20  | 0.048 |
| 100-42-5    | Styrene                                          | 104.15           | 0.20   | U | 0.20  | 0.040 |
| 75-25-2     | Bromoform                                        | 252.75           | 0.20   | U | 0.20  | 0.048 |
| 98-82-8     | Cumene                                           | 120.19           | 0.20   | U | 0.20  | 0.035 |
| 79-34-5     | 1,1,2,2-Tetrachloroethane                        | 167.85           | 0.20   | U | 0.20  | 0.042 |
| 103-65-1    | n-Propylbenzene                                  | 120.19           | 0.20   | U | 0.20  | 0.039 |
| 622-96-8    | 4-Ethyltoluene                                   | 120.20           | 0.20   | U | 0.20  | 0.041 |
| 108-67-8    | 1,3,5-Trimethylbenzene                           | 120.20           | 0.20   | U | 0.20  | 0.039 |
| 95-49-8     | 2-Chlorotoluene                                  | 126.59           | 0.20   | U | 0.20  | 0.042 |
| 98-06-6     | tert-Butylbenzene                                | 134.22           | 0.20   | U | 0.20  | 0.035 |
| 95-63-6     | 1,2,4-Trimethylbenzene                           | 120.20           | 0.18   | J | 0.20  | 0.044 |
| 135-98-8    | sec-Butylbenzene                                 | 134.22           | 0.20   | U | 0.20  | 0.035 |
| 99-87-6     | 4-Isopropyltoluene                               | 134.22           | 0.16   | J | 0.20  | 0.039 |
| 541-73-1    | 1,3-Dichlorobenzene                              | 147.00           | 0.20   | U | 0.20  | 0.11  |
| 106-46-7    | 1,4-Dichlorobenzene                              | 147.00           | 0.20   | U | 0.20  | 0.12  |

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

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-56451-1  
 SDG No.: 200-56451-1  
 Client Sample ID: SG-204 Lab Sample ID: 200-56451-4  
 Matrix: Air Lab File ID: 44134-021.d  
 Analysis Method: TO-15 Date Collected: 12/09/2020 14:52  
 Sample wt/vol: 200 (mL) Date Analyzed: 12/19/2020 02:44  
 Soil Aliquot Vol:                      Dilution Factor: 1  
 Soil Extract Vol.:                      GC Column: RTX-624 ID: 0.32 (mm)  
 % Moisture:                      Level: (low/med) Low  
 Analysis Batch No.: 162240 Units: ppb v/v

| CAS NO.  | COMPOUND NAME          | MOLECULAR WEIGHT | RESULT | Q | RL   | MDL   |
|----------|------------------------|------------------|--------|---|------|-------|
| 100-44-7 | Benzyl chloride        | 126.58           | 0.20   | U | 0.20 | 0.085 |
| 104-51-8 | n-Butylbenzene         | 134.22           | 0.20   | U | 0.20 | 0.039 |
| 95-50-1  | 1,2-Dichlorobenzene    | 147.00           | 0.20   | U | 0.20 | 0.097 |
| 120-82-1 | 1,2,4-Trichlorobenzene | 181.45           | 0.50   | U | 0.50 | 0.22  |
| 87-68-3  | Hexachlorobutadiene    | 260.76           | 0.20   | U | 0.20 | 0.076 |
| 91-20-3  | Naphthalene            | 128.17           | 0.50   | U | 0.50 | 0.17  |

Eurofins TestAmerica, Burlington  
Target Compound Quantitation Report

Data File: \\chromfs\Burlington\ChromData\CHW.i\20201218-44134.b\44134-021.d  
 Lims ID: 200-56451-A-4  
 Client ID: SG-204  
 Sample Type: Client  
 Inject. Date: 19-Dec-2020 02:44:30 ALS Bottle#: 20 Worklist Smp#: 21  
 Purge Vol: 200.000 mL Dil. Factor: 1.0000  
 Sample Info: 200-0044134-021  
 Operator ID: ggg Instrument ID: CHW.i  
 Method: \\chromfs\Burlington\ChromData\CHW.i\20201218-44134.b\TO15\_TO3\_MasterMethod\_W.m  
 Limit Group: AI\_TO15\_ICAL  
 Last Update: 21-Dec-2020 13:10:28 Calib Date: 11-Dec-2020 05:25:30  
 Integrator: RTE ID Type: Deconvolution ID  
 Quant Method: Internal Standard Quant By: Initial Calibration  
 Last ICal File: \\chromfs\Burlington\ChromData\CHW.i\20201210-44014.b\44014-016.d  
 Column 1 : RTX-624 ( 0.32 mm) Det: MS SCAN  
 Process Host: CTX1612

First Level Reviewer: bunmaa

Date: 21-Dec-2020 13:10:28

| Compound                           | Sig | RT (min.) | Adj RT (min.) | Dlt RT (min.) | Q   | Response | OnCol Amt ppb v/v | Flags |
|------------------------------------|-----|-----------|---------------|---------------|-----|----------|-------------------|-------|
| 2 Dichlorodifluoromethane          | 85  | 4.083     | 4.110         | 0.010         | 99  | 129632   | 0.3558            |       |
| 3 Chlorodifluoromethane            | 51  |           | 4.116         |               |     |          | ND                | U     |
| 4 1,2-Dichloro-1,1,2,2-tetrafluoro | 85  |           | 4.469         |               |     |          | ND                | MU    |
| 5 Chloromethane                    | 50  | 4.581     | 4.581         | 0.021         | 85  | 8577     | 0.0662            | M     |
| 6 Vinyl chloride                   | 62  |           | 4.897         |               |     |          | ND                | U     |
| 7 Butane                           | 43  | 4.902     | 4.913         | -0.011        | 99  | 1489382  | 6.40              |       |
| 8 Butadiene                        | 54  | 5.019     | 5.041         | -0.006        | 97  | 46899    | 0.3678            |       |
| 9 Bromomethane                     | 94  |           | 5.758         |               |     |          | ND                |       |
| 11 Chloroethane                    | 64  |           | 6.047         |               |     |          | ND                | 7     |
| 13 Vinyl bromide                   | 106 |           | 6.485         |               |     |          | ND                | U     |
| 14 Trichlorofluoromethane          | 101 | 6.640     | 6.635         | -0.017        | 99  | 68341    | 0.2285            |       |
| 20 1,1-Dichloroethene              | 96  |           | 7.753         |               |     |          | ND                | U     |
| 21 112TCTFE                        | 101 | 7.780     | 7.780         | -0.021        | 93  | 13912    | 0.0606            | M     |
| 22 Acetone                         | 43  | 7.849     | 7.855         | -0.006        | 99  | 764867   | 4.80              |       |
| 24 Carbon disulfide                | 76  | 8.149     | 8.165         | -0.016        | 100 | 445200   | 1.41              |       |
| 23 Isopropyl alcohol               | 45  | 8.203     | 8.229         | 0.032         | 98  | 53988    | 0.3076            |       |
| 26 3-Chloro-1-propene              | 41  |           | 8.470         |               |     |          | ND                |       |
| 27 Methylene Chloride              | 49  | 8.695     | 8.689         | -0.011        | 86  | 12953    | 0.1033            |       |
| 28 2-Methyl-2-propanol             | 59  | 8.957     | 8.928         | 0.016         | 95  | 35179    | 0.1751            |       |
| 30 trans-1,2-Dichloroethene        | 61  |           | 9.219         |               |     |          | ND                | 7     |
| 31 Methyl tert-butyl ether         | 73  |           | 9.230         |               |     |          | ND                | 7     |
| 32 Hexane                          | 57  | 9.727     | 9.717         | -0.006        | 92  | 269671   | 1.81              |       |
| 33 1,1-Dichloroethane              | 63  |           | 9.995         |               |     |          | ND                | 7     |
| 36 2-Butanone (MEK)                | 72  | 10.995    | 11.006        | 0.010         | 100 | 47811    | 0.99              |       |
| 37 cis-1,2-Dichloroethene          | 96  |           | 11.001        |               |     |          | ND                | 7     |
| * 39 Chlorobromomethane            | 128 | 11.412    | 11.423        | -0.011        | 88  | 775459   | 10.0              |       |
| 40 Tetrahydrofuran                 | 42  |           | 11.466        |               |     |          | ND                |       |
| 41 Chloroform                      | 83  | 11.584    | 11.584        | -0.016        | 92  | 12071    | 0.0505            | M     |
| 42 1,1,1-Trichloroethane           | 97  | 11.899    | 11.899        | -0.011        | 43  | 6088     | 0.0242            | M     |
| 43 Cyclohexane                     | 84  | 12.033    | 12.033        | -0.011        | 94  | 209134   | 1.50              |       |
| 44 Carbon tetrachloride            | 117 | 12.177    | 12.177        | -0.011        | 36  | 3483     | 0.0128            | M     |
| 45 Benzene                         | 78  | 12.530    | 12.525        | -0.011        | 96  | 270073   | 0.8353            |       |



| Compound                       | Sig | RT (min.) | Adj RT (min.) | Dlt RT (min.) | Q  | Response | OnCol Amt ppb v/v | Flags |
|--------------------------------|-----|-----------|---------------|---------------|----|----------|-------------------|-------|
| 46 1,2-Dichloroethane          | 62  |           | 12.616        |               |    |          | ND                |       |
| 47 Isooctane                   | 57  |           | 12.755        |               |    |          | ND                | MU    |
| 48 n-Heptane                   | 43  | 13.060    | 13.055        | -0.011        | 95 | 249083   | 1.43              |       |
| * 50 1,4-Difluorobenzene       | 114 | 13.279    | 13.285        | -0.006        | 94 | 3689194  | 10.0              |       |
| 51 Trichloroethene             | 95  | 13.707    | 13.712        | -0.011        | 98 | 284144   | 1.86              |       |
| 54 1,2-Dichloropropane         | 63  |           | 14.178        |               |    |          | ND                | U     |
| 55 Methyl methacrylate         | 69  |           | 14.269        |               |    |          | ND                | U     |
| 56 1,4-Dioxane                 | 88  |           | 14.307        |               |    |          | ND                | 7     |
| 58 Dichlorobromomethane        | 83  |           | 14.649        |               |    |          | ND                |       |
| 60 cis-1,3-Dichloropropene     | 75  |           | 15.457        |               |    |          | ND                | 7     |
| 61 4-Methyl-2-pentanone (MIBK) | 43  | 15.724    | 15.719        | 0.010         | 97 | 66081    | 0.2759            |       |
| 62 Toluene                     | 92  | 16.093    | 16.104        | -0.006        | 94 | 219769   | 0.9707            |       |
| 64 trans-1,3-Dichloropropene   | 75  |           | 16.516        |               |    |          | ND                | 7     |
| 65 1,1,2-Trichloroethane       | 83  |           | 16.896        |               |    |          | ND                | U     |
| 66 Tetrachloroethene           | 166 | 17.094    | 17.083        | 0.005         | 96 | 64169    | 0.2776            |       |
| 67 2-Hexanone                  | 43  | 17.318    | 17.318        | 0.021         | 76 | 25876    | 0.1237            | M     |
| 68 Chlorodibromomethane        | 129 |           | 17.634        |               |    |          | ND                |       |
| 69 Ethylene Dibromide          | 107 |           | 17.875        |               |    |          | ND                |       |
| * 70 Chlorobenzene-d5          | 117 | 18.784    | 18.790        | -0.006        | 87 | 3133127  | 10.0              |       |
| 71 Chlorobenzene               | 112 |           | 18.849        |               |    |          | ND                | 7     |
| 73 Ethylbenzene                | 91  | 19.041    | 19.041        | 0.000         | 98 | 78489    | 0.1551            |       |
| 74 m-Xylene & p-Xylene         | 106 | 19.287    | 19.308        | -0.016        | 0  | 140398   | 0.7169            |       |
| 76 o-Xylene                    | 106 | 20.084    | 20.084        | 0.005         | 98 | 56588    | 0.3055            | M     |
| 78 Styrene                     | 104 | 20.116    | 20.116        | 0.000         | 72 | 8178     | 0.0290            | M     |
| 79 Bromoform                   | 173 |           | 20.464        |               |    |          | ND                |       |
| 80 Isopropylbenzene            | 105 |           | 20.774        |               |    |          | ND                | U     |
| 81 1,1,2,2-Tetrachloroethane   | 83  |           | 21.293        |               |    |          | ND                | U     |
| 83 N-Propylbenzene             | 91  | 21.491    | 21.491        | 0.000         | 95 | 22971    | 0.0357            | M     |
| 84 2-Chlorotoluene             | 91  |           | 21.641        |               |    |          | ND                | U     |
| 85 4-Ethyltoluene              | 105 | 21.689    | 21.700        | 0.000         | 73 | 18921    | 0.0356            |       |
| 86 1,3,5-Trimethylbenzene      | 105 |           | 21.786        |               |    |          | ND                | MU    |
| 89 tert-Butylbenzene           | 119 |           | 22.267        |               |    |          | ND                | U     |
| 90 1,2,4-Trimethylbenzene      | 105 | 22.352    | 22.353        | -0.001        | 98 | 80295    | 0.1773            |       |
| 91 sec-Butylbenzene            | 105 |           | 22.593        |               |    |          | ND                | MU    |
| 92 1,3-Dichlorobenzene         | 146 |           | 22.765        |               |    |          | ND                | 7     |
| 93 4-Isopropyltoluene          | 119 | 22.807    | 22.807        | 0.000         | 98 | 91386    | 0.1584            |       |
| 94 1,4-Dichlorobenzene         | 146 |           | 22.909        |               |    |          | ND                | 7     |
| 95 Benzyl chloride             | 91  |           | 23.053        |               |    |          | ND                |       |
| 96 n-Butylbenzene              | 91  |           | 23.364        |               |    |          | ND                |       |
| 97 1,2-Dichlorobenzene         | 146 |           | 23.396        |               |    |          | ND                |       |
| 100 1,2,4-Trichlorobenzene     | 180 |           | 25.835        |               |    |          | ND                | 7     |
| 101 Hexachlorobutadiene        | 225 |           | 26.076        |               |    |          | ND                | 7     |
| 102 Naphthalene                | 128 | 26.317    | 26.317        | 0.006         | 70 | 15569    | 0.0433            |       |

### QC Flag Legend

Processing Flags

7 - Failed Limit of Detection

Review Flags

M - Manually Integrated

U - Marked Undetected

**Reagents:**

ATTO15WISs\_00009

Amount Added: 20.00

Units: mL

Run Reagent

Eurofins TestAmerica, Burlington

Data File: \\chromfs\Burlington\ChromData\CHW.i\20201218-44134.b\44134-021.d

Injection Date: 19-Dec-2020 02:44:30

Instrument ID: CHW.i

Operator ID: ggg

Lims ID: 200-56451-A-4

Lab Sample ID: 200-56451-4

Worklist Smp#: 21

Client ID: SG-204

Purge Vol: 200.000 mL

Dil. Factor: 1.0000

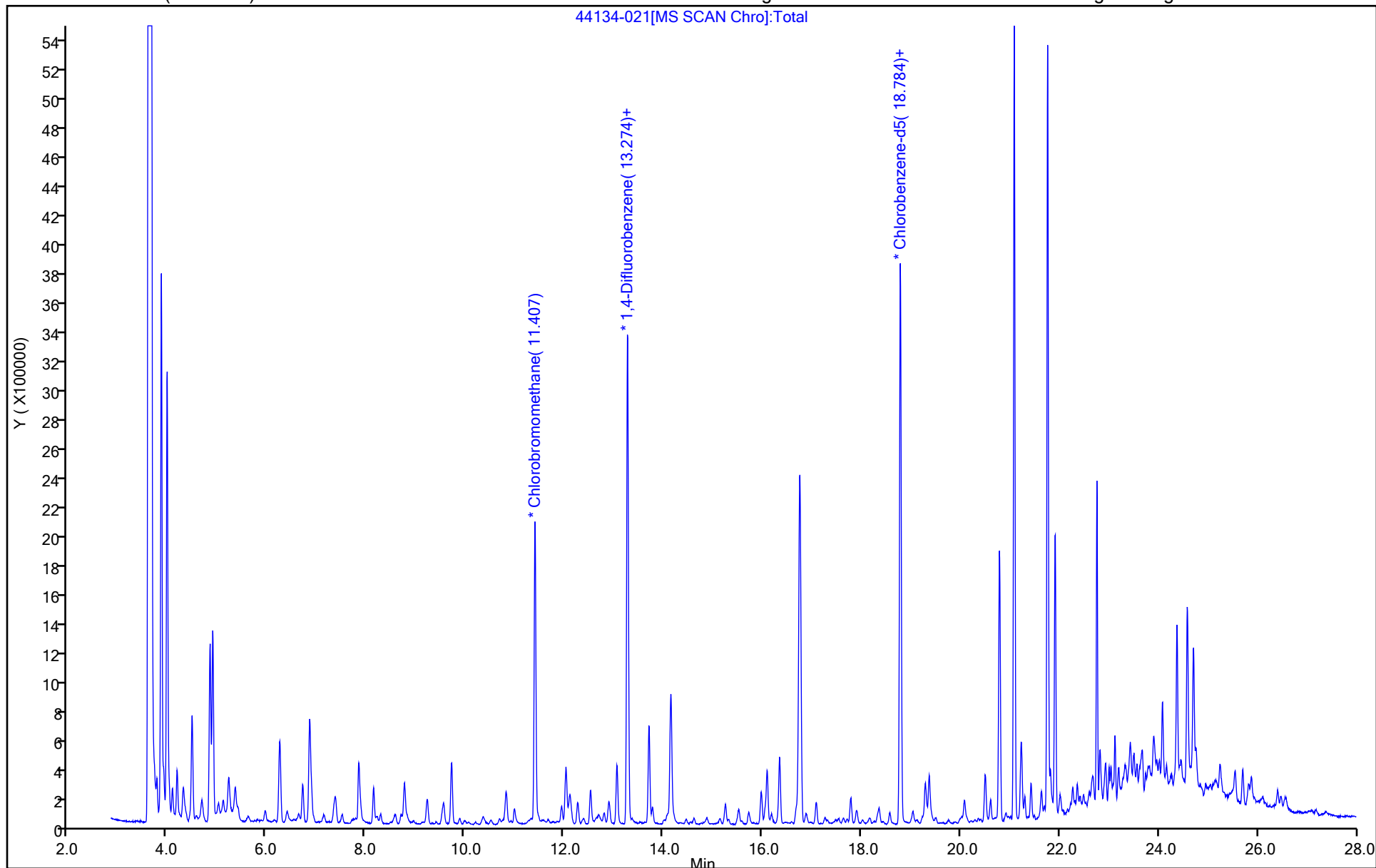
ALS Bottle#: 20

Method: TO15\_TO3\_MasterMethod\_W

Limit Group: AI\_TO15\_ICAL

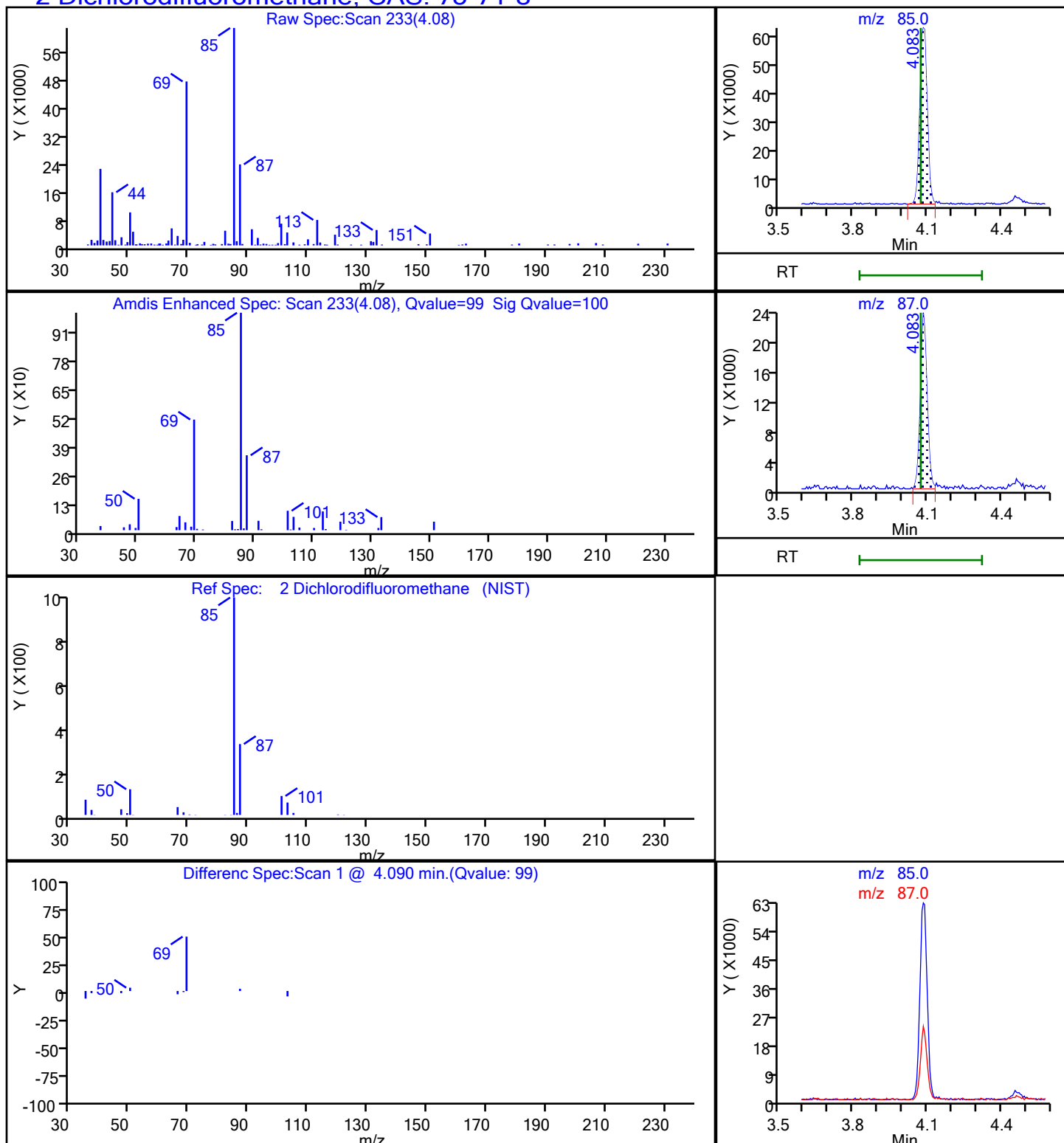
Column: RTX-624 (0.32 mm)

Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



## Eurofins TestAmerica, Burlington

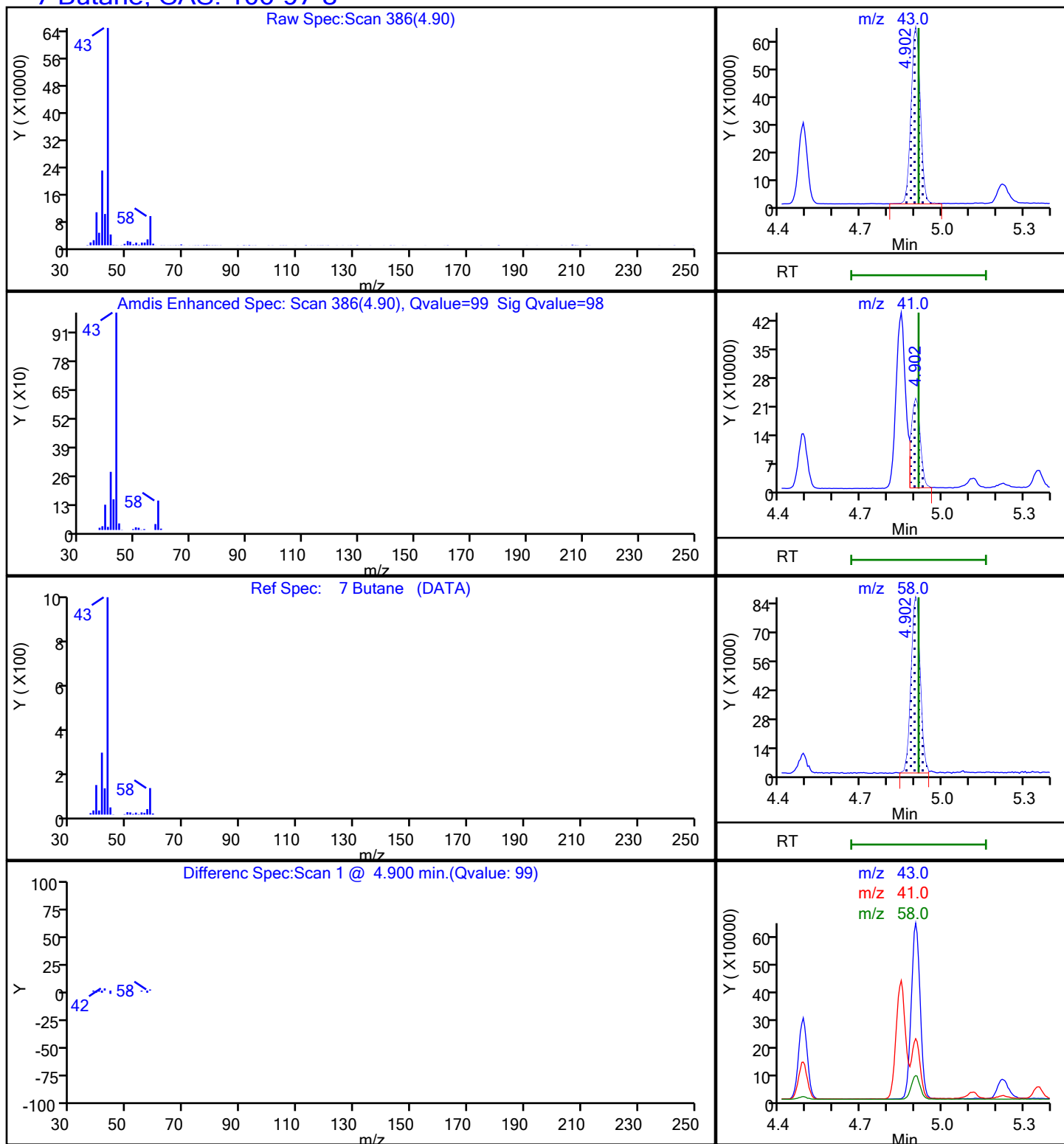
Data File: \\chromfs\Burlington\ChromData\CHW.i\20201218-44134.b\44134-021.d  
Injection Date: 19-Dec-2020 02:44:30 Instrument ID: CHW.i  
Lims ID: 200-56451-A-4 Lab Sample ID: 200-56451-4  
Client ID: SG-204  
Operator ID: ggg ALS Bottle#: 20 Worklist Smp#: 21  
Purge Vol: 200.000 mL Dil. Factor: 1.0000  
Method: TO15\_TO3\_MasterMethod\_W Limit Group: AI\_TO15\_ICAL  
Column: RTX-624 ( 0.32 mm) Detector MS SCAN

**2 Dichlorodifluoromethane, CAS: 75-71-8**

## Eurofins TestAmerica, Burlington

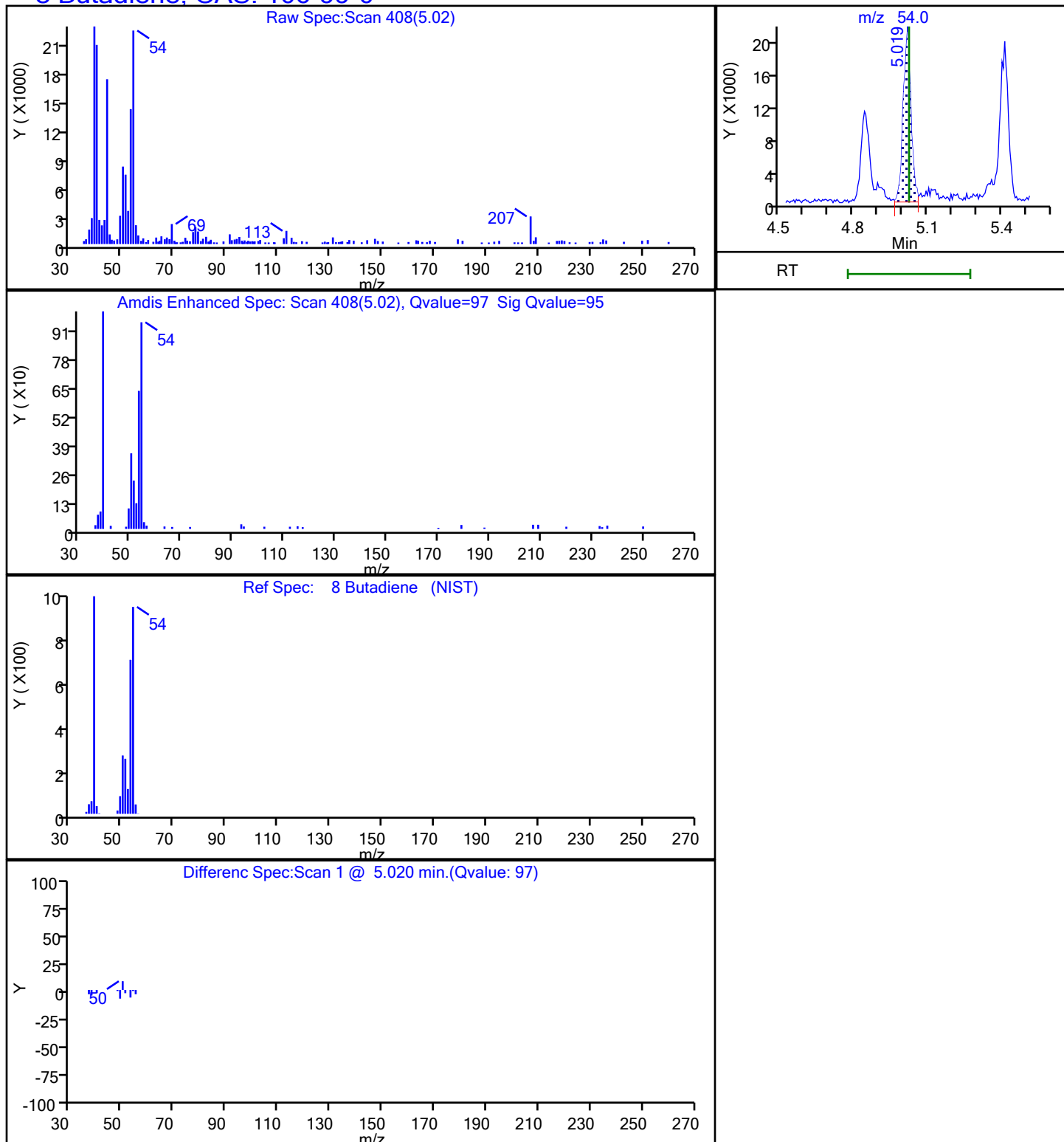
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Injection Date: 19-Dec-2020 02:44:30 Instrument ID: CHW.i  
Lims ID: 200-56451-A-4 Lab Sample ID: 200-56451-4  
Client ID: SG-204  
Operator ID: ggg ALS Bottle#: 20 Worklist Smp#: 21  
Purge Vol: 200.000 mL Dil. Factor: 1.0000  
Method: TO15\_TO3\_MasterMethod\_W Limit Group: AI\_TO15\_ICAL  
Column: RTX-624 ( 0.32 mm) Detector MS SCAN

## 7 Butane, CAS: 106-97-8



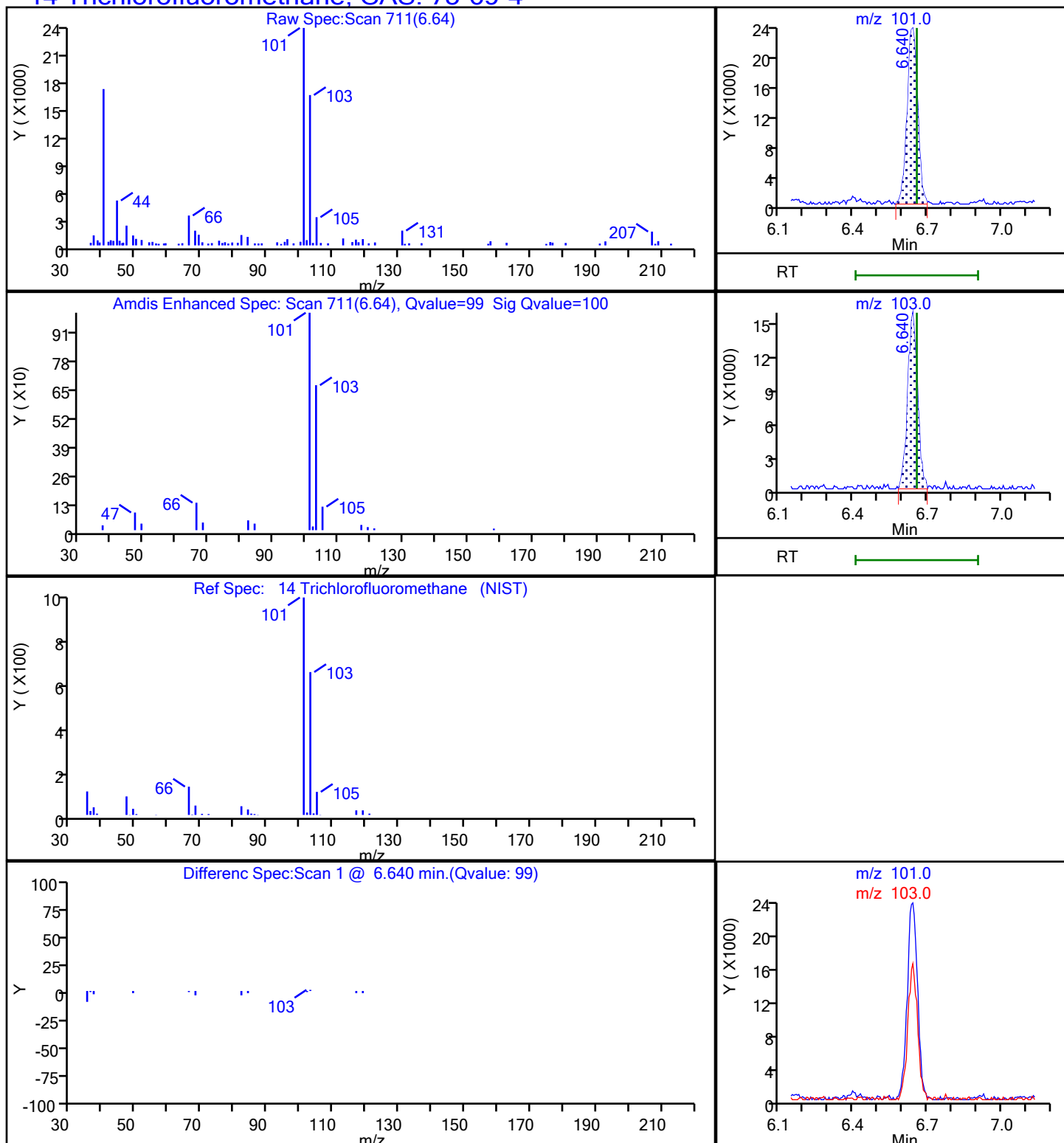
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Lims ID: 200-56451-A-4 Lab Sample ID: 200-56451-4  
Client ID: SG-204  
Operator ID: ggg ALS Bottle#: 20 Worklist Smp#: 21  
Purge Vol: 200.000 mL Dil. Factor: 1.0000  
Method: TO15\_TO3\_MasterMethod\_W Limit Group: AI\_TO15\_ICAL  
Column: RTX-624 ( 0.32 mm) Detector MS SCAN

**8 Butadiene, CAS: 106-99-0**

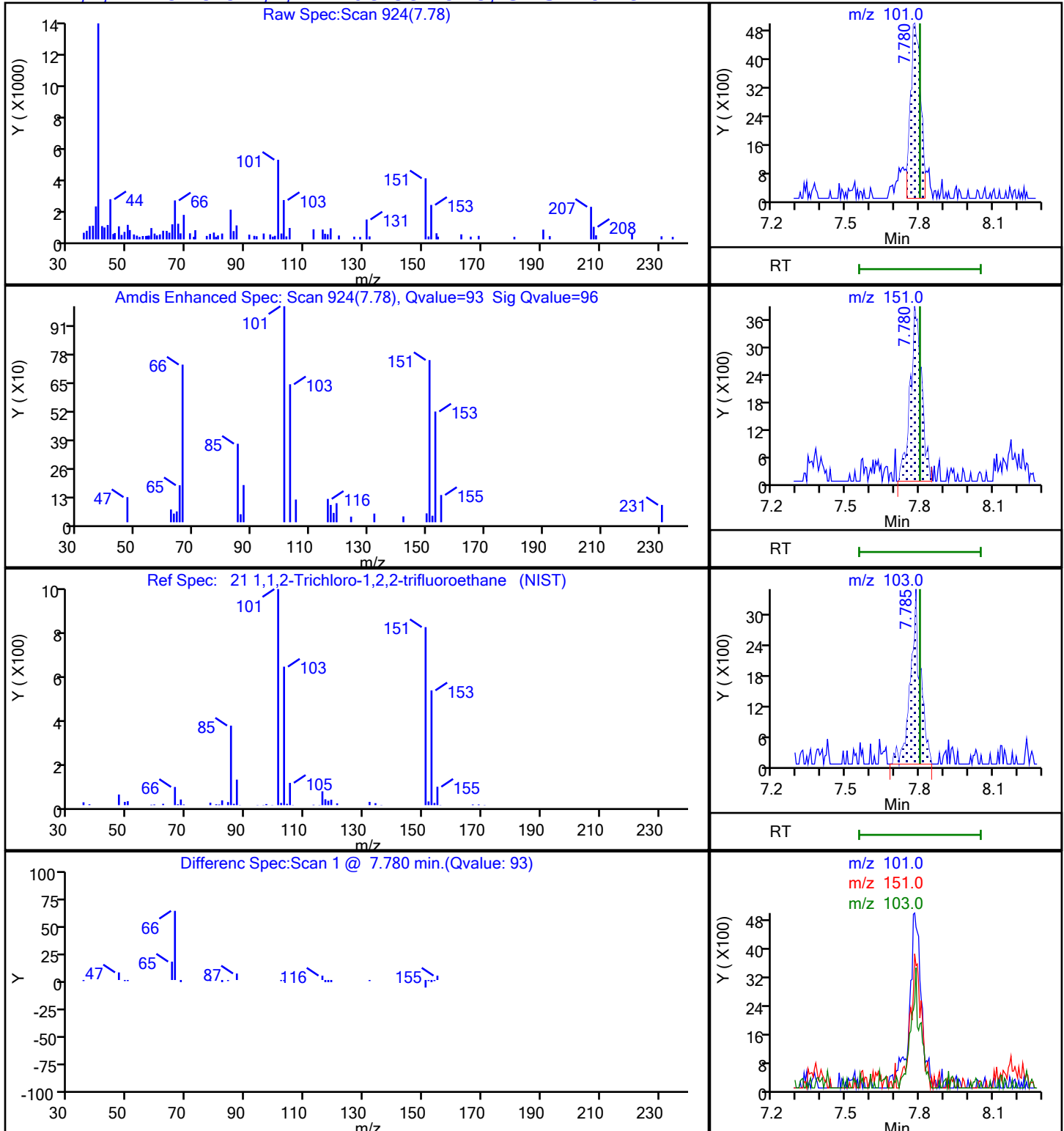
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Lims ID: 200-56451-A-4 Lab Sample ID: 200-56451-4  
Client ID: SG-204  
Operator ID: ggg ALS Bottle#: 20 Worklist Smp#: 21  
Purge Vol: 200.000 mL Dil. Factor: 1.0000  
Method: TO15\_TO3\_MasterMethod\_W Limit Group: AI\_TO15\_ICAL  
Column: RTX-624 ( 0.32 mm) Detector MS SCAN

**14 Trichlorofluoromethane, CAS: 75-69-4**

## Eurofins TestAmerica, Burlington

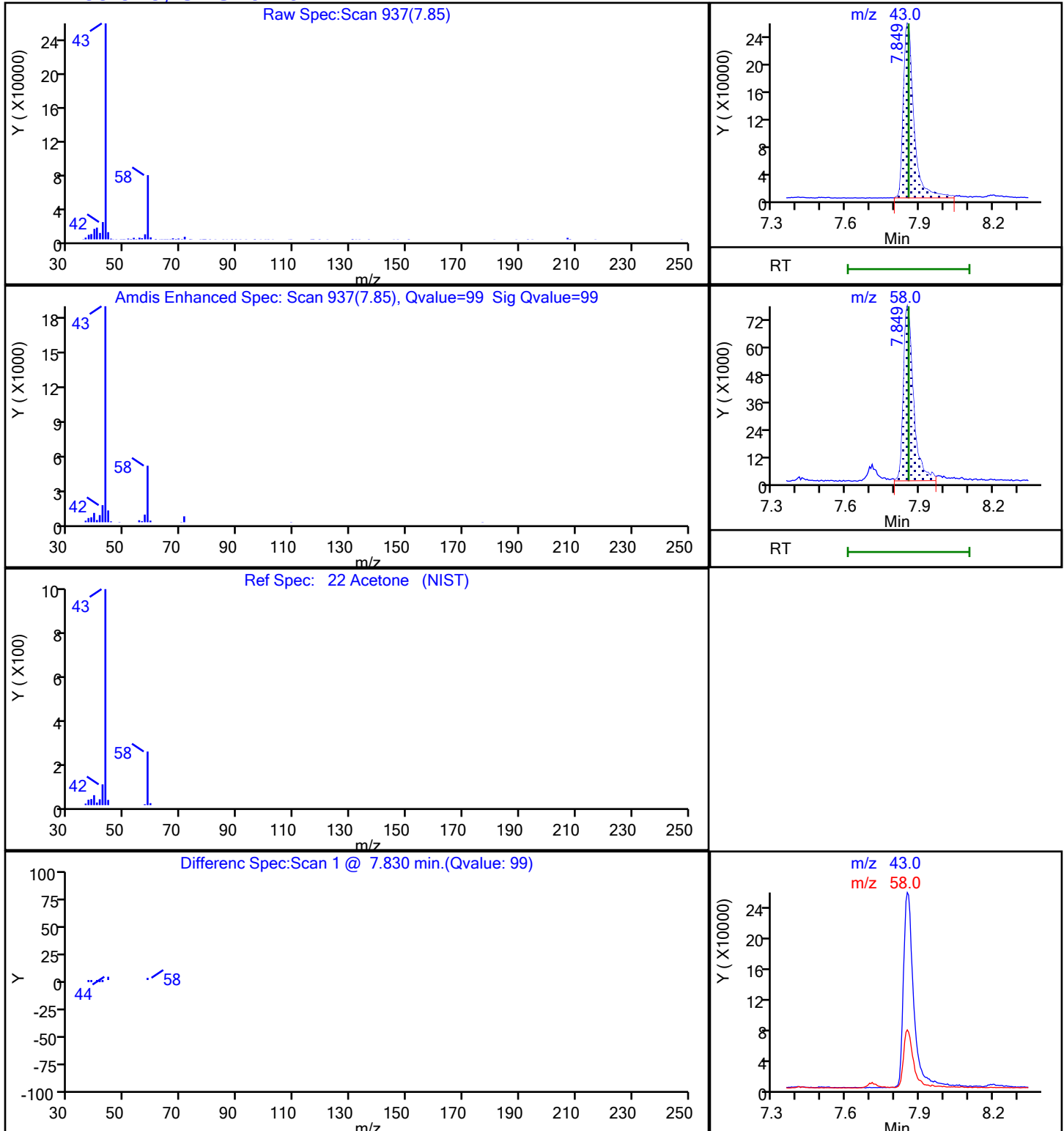
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Injection Date: 19-Dec-2020 02:44:30 Instrument ID: CHW.i  
Lims ID: 200-56451-A-4 Lab Sample ID: 200-56451-4  
Client ID: SG-204  
Operator ID: ggg ALS Bottle#: 20 Worklist Smp#: 21  
Purge Vol: 200.000 mL Dil. Factor: 1.0000  
Method: TO15\_TO3\_MasterMethod\_W Limit Group: AI\_TO15\_ICAL  
Column: RTX-624 ( 0.32 mm) Detector MS SCAN

**21 1,1,2-Trichloro-1,2,2-trifluoroethane, CAS: 76-13-1**



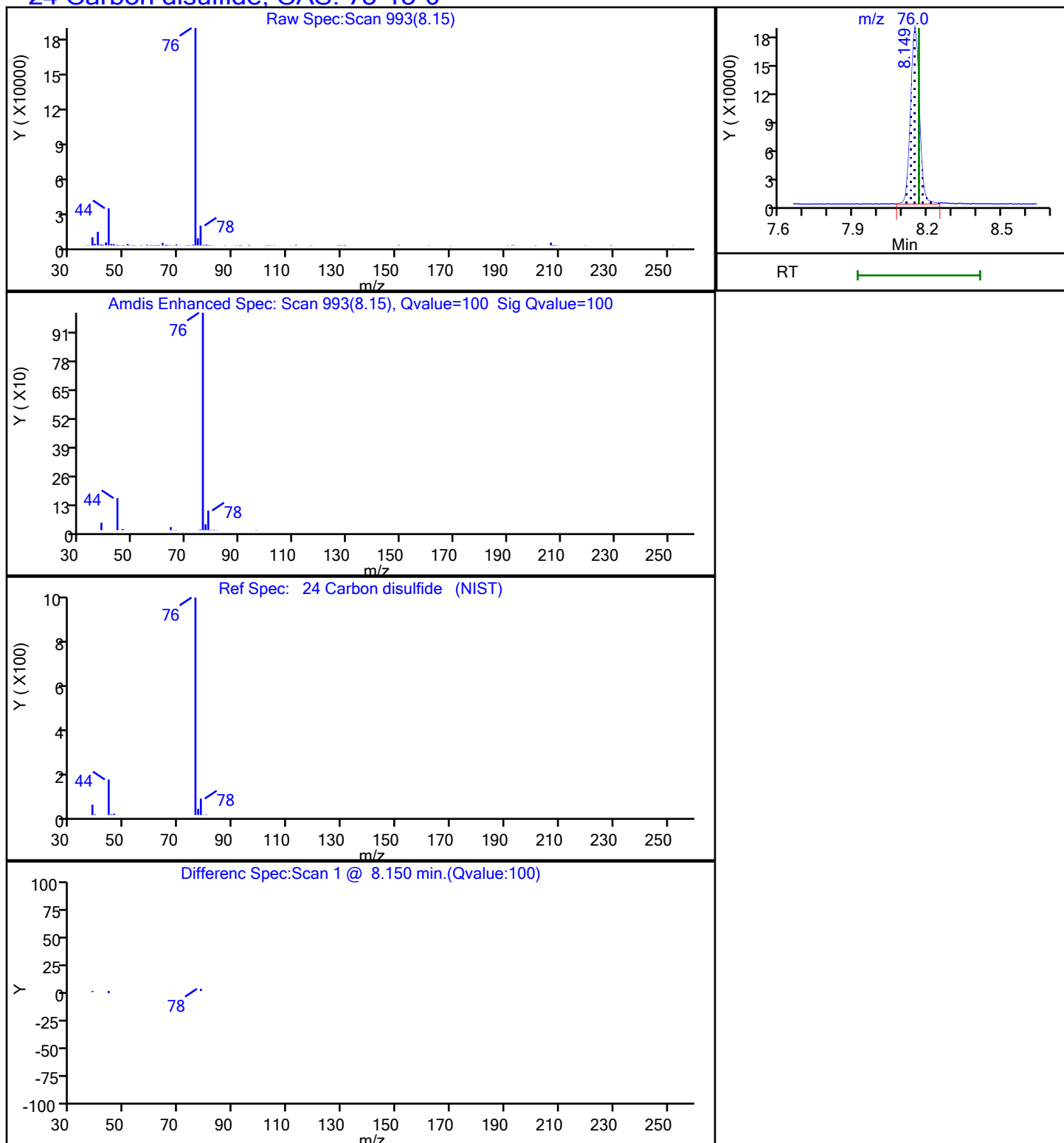
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Lims ID: 200-56451-A-4 Lab Sample ID: 200-56451-4  
Client ID: SG-204  
Operator ID: ggg ALS Bottle#: 20 Worklist Smp#: 21  
Purge Vol: 200.000 mL Dil. Factor: 1.0000  
Method: TO15\_TO3\_MasterMethod\_W Limit Group: AI\_TO15\_ICAL  
Column: RTX-624 ( 0.32 mm) Detector MS SCAN

**22 Acetone, CAS: 67-64-1**

## Eurofins TestAmerica, Burlington

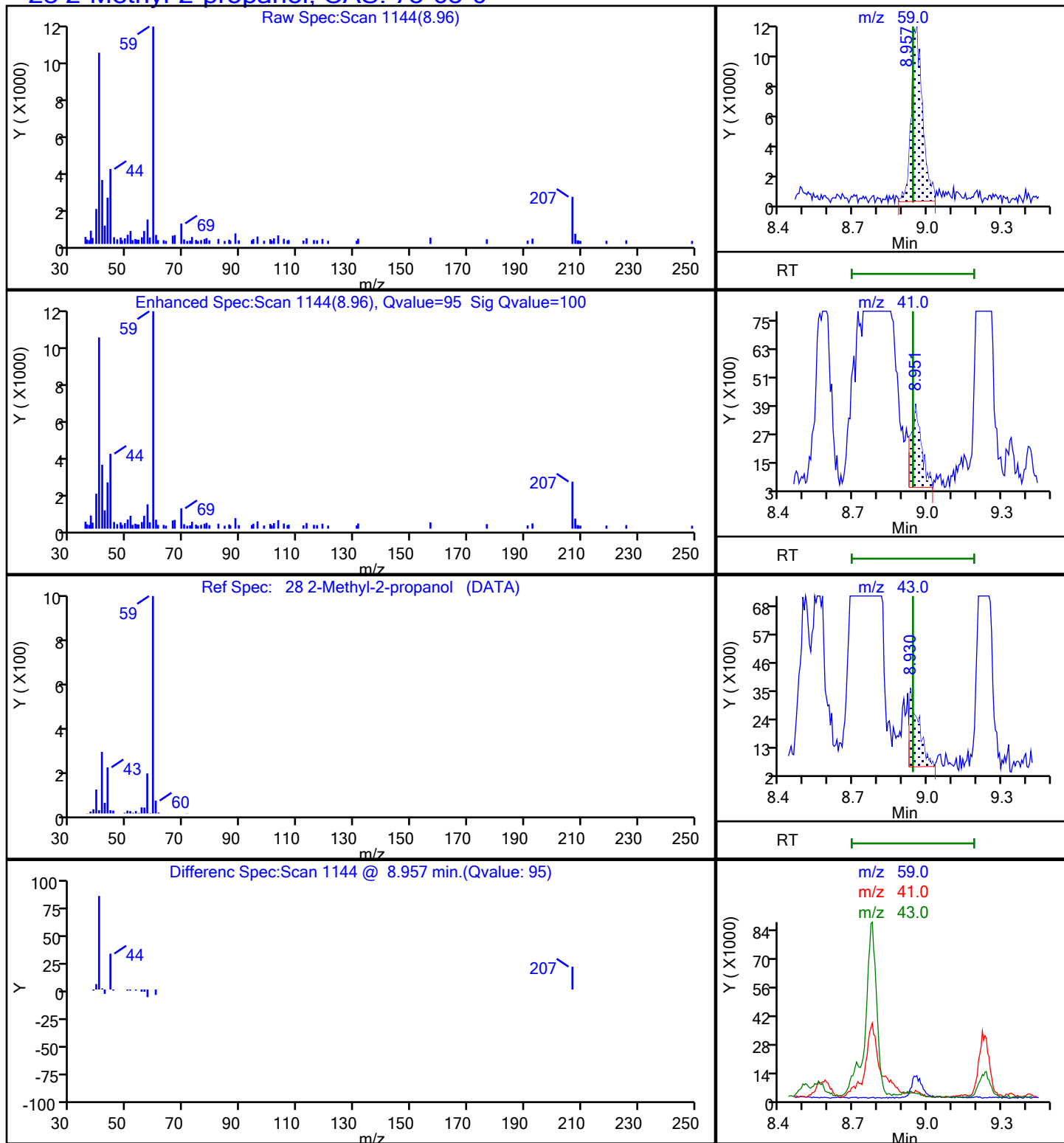
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Client ID: SG-204  
Operator ID: ggg ALS Bottle#: 20 Worklist Smp#: 21  
Purge Vol: 200.000 mL Dil. Factor: 1.0000  
Method: TO15\_TO3\_MasterMethod\_W Limit Group: AI\_TO15\_ICAL  
Column: RTX-624 ( 0.32 mm) Detector MS SCAN

**24 Carbon disulfide, CAS: 75-15-0**

## Eurofins TestAmerica, Burlington

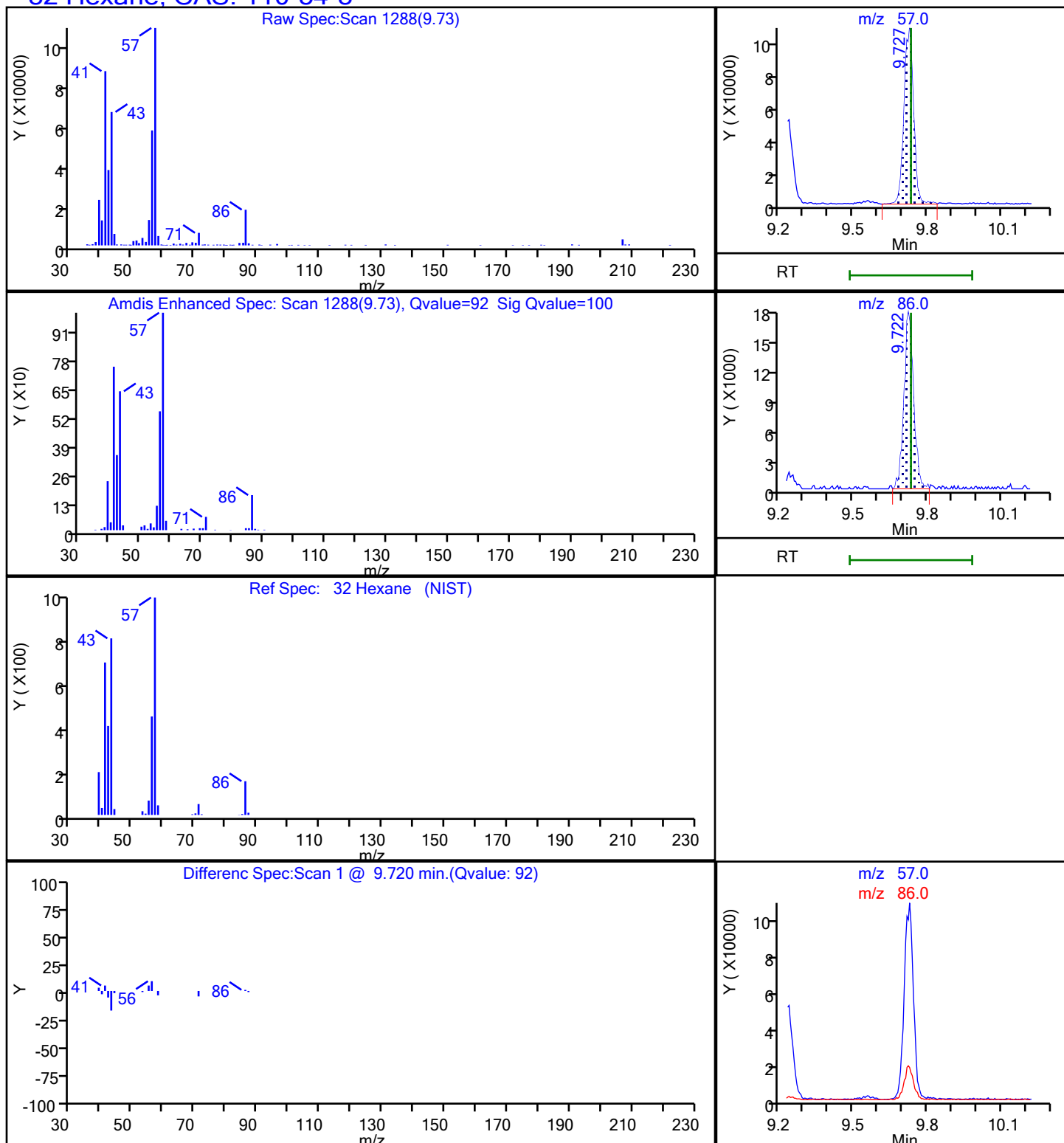
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Injection Date: 19-Dec-2020 02:44:30 Instrument ID: CHW.i  
Lims ID: 200-56451-A-4 Lab Sample ID: 200-56451-4  
Client ID: SG-204  
Operator ID: ggg ALS Bottle#: 20 Worklist Smp#: 21  
Purge Vol: 200.000 mL Dil. Factor: 1.0000  
Method: TO15\_TO3\_MasterMethod\_W Limit Group: AI\_TO15\_ICAL  
Column: RTX-624 ( 0.32 mm) Detector MS SCAN

## 28 2-Methyl-2-propanol, CAS: 75-65-0



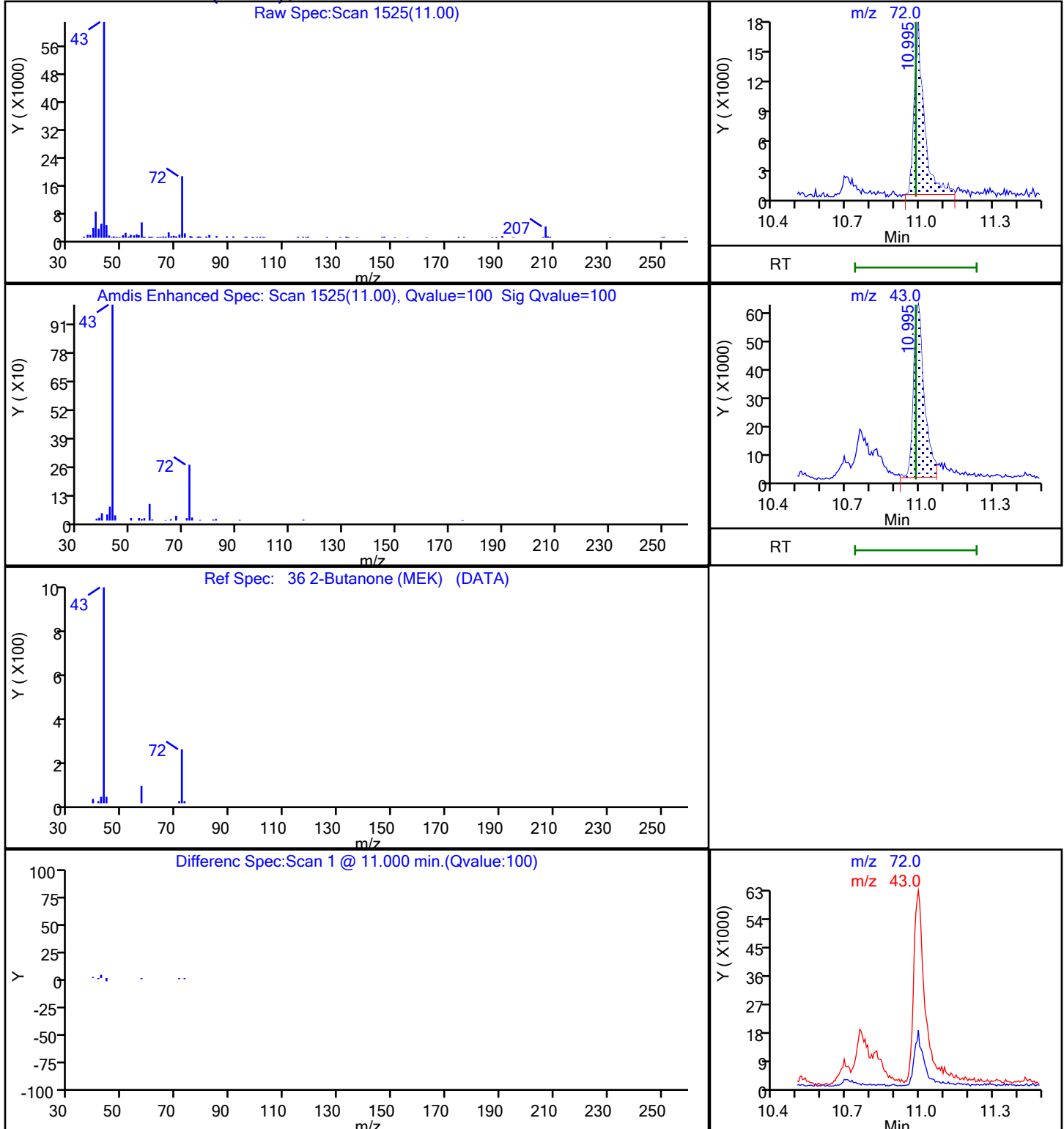
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Client ID: SG-204  
Operator ID: ggg ALS Bottle#: 20 Worklist Smp#: 21  
Purge Vol: 200.000 mL Dil. Factor: 1.0000  
Method: TO15\_TO3\_MasterMethod\_W Limit Group: AI\_TO15\_ICAL  
Column: RTX-624 ( 0.32 mm) Detector: MS SCAN

**32 Hexane, CAS: 110-54-3**

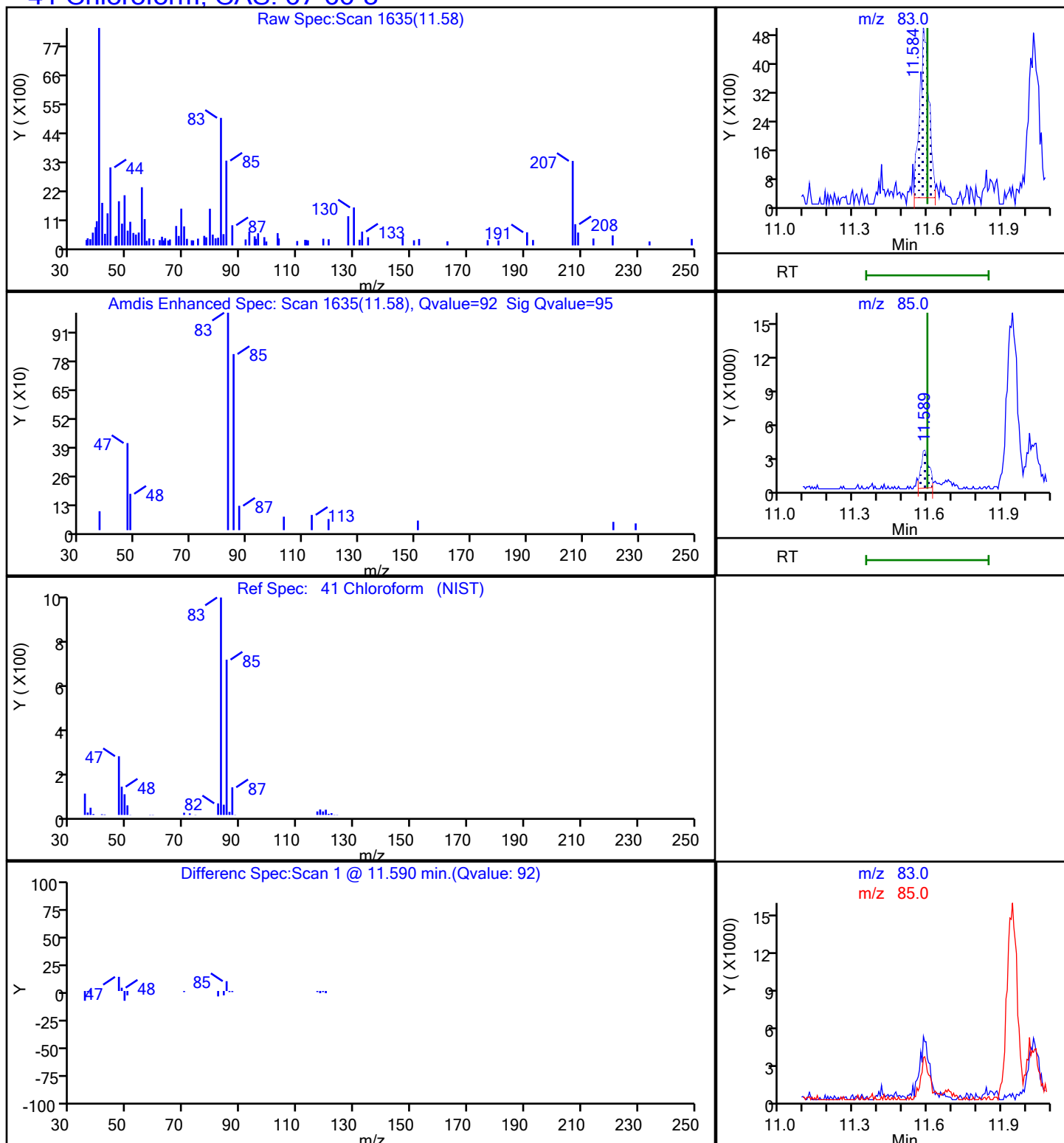
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Lims ID: 200-56451-A-4 Lab Sample ID: 200-56451-4  
Client ID: SG-204  
Operator ID: ggg ALS Bottle#: 20 Worklist Smp#: 21  
Purge Vol: 200.000 mL Dil. Factor: 1.0000  
Method: TO15\_TO3\_MasterMethod\_W Limit Group: AI\_TO15\_ICAL  
Column: RTX-624 ( 0.32 mm) Detector: MS SCAN

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

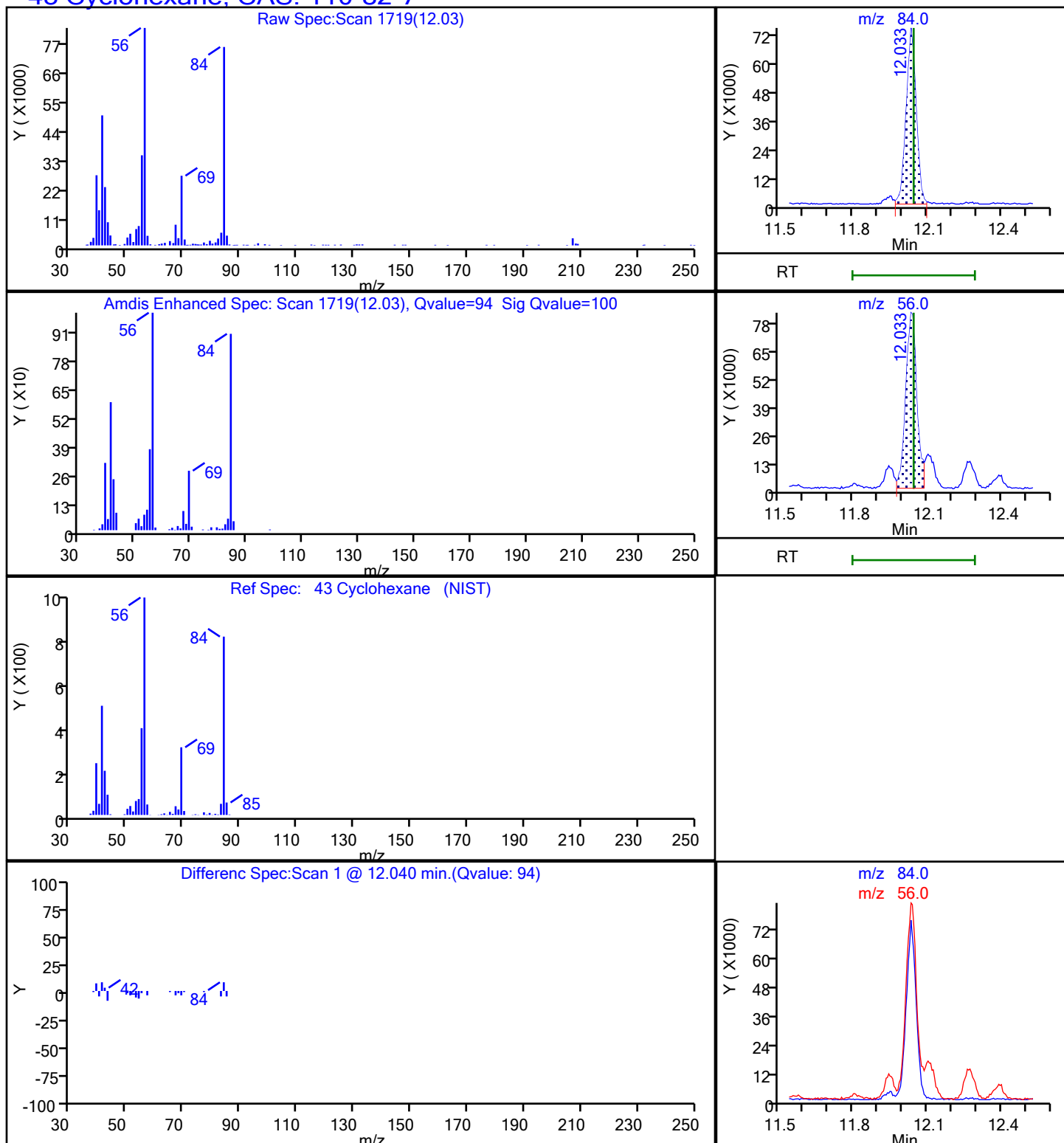
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Lims ID: 200-56451-A-4 Lab Sample ID: 200-56451-4  
Client ID: SG-204  
Operator ID: ggg ALS Bottle#: 20 Worklist Smp#: 21  
Purge Vol: 200.000 mL Dil. Factor: 1.0000  
Method: TO15\_TO3\_MasterMethod\_W Limit Group: AI\_TO15\_ICAL  
Column: RTX-624 ( 0.32 mm) Detector MS SCAN

**41 Chloroform, CAS: 67-66-3**

## Eurofins TestAmerica, Burlington

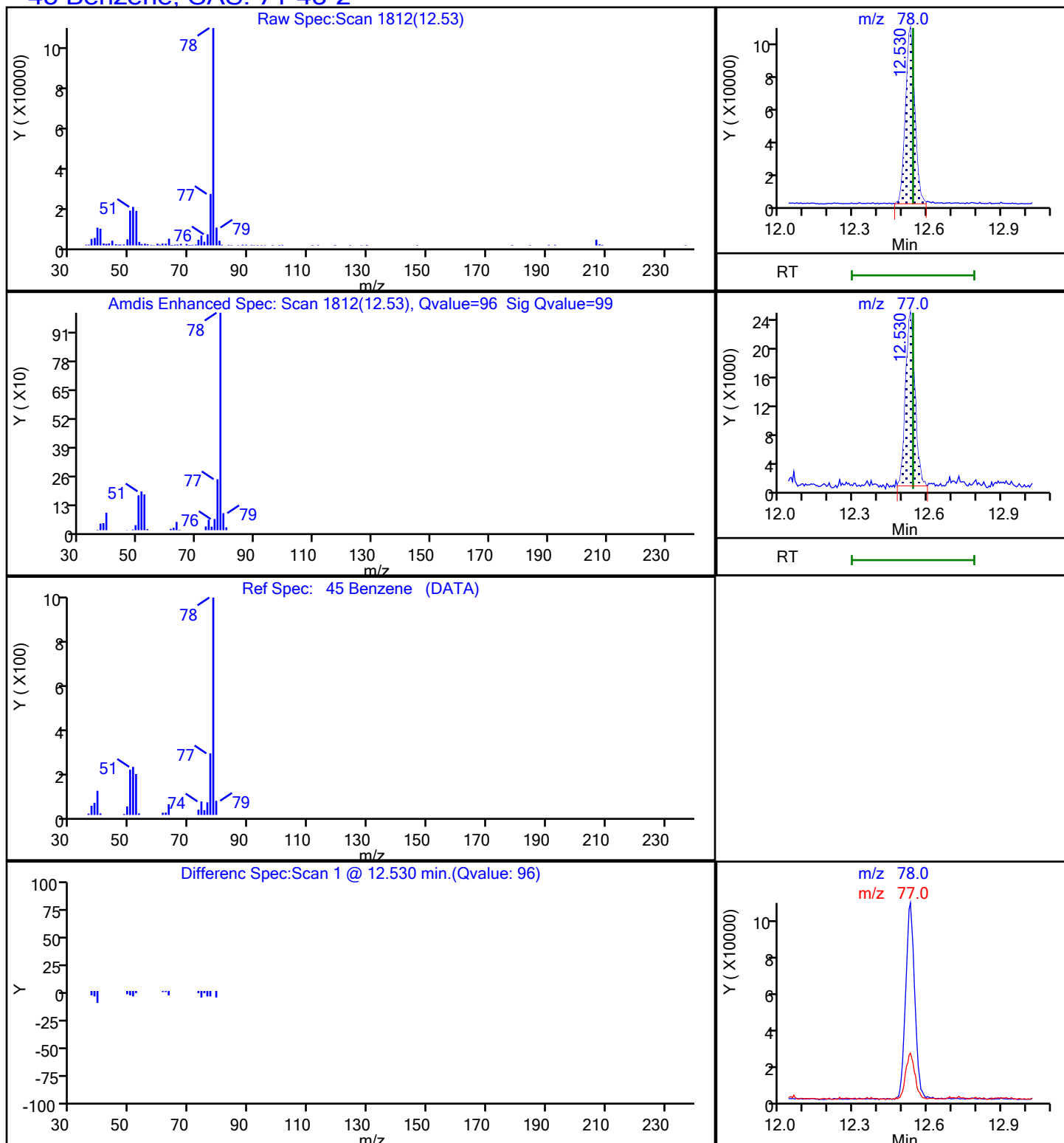
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Client ID: SG-204  
Operator ID: ggg ALS Bottle#: 20 Worklist Smp#: 21  
Purge Vol: 200.000 mL Dil. Factor: 1.0000  
Method: TO15\_TO3\_MasterMethod\_W Limit Group: AI\_TO15\_ICAL  
Column: RTX-624 ( 0.32 mm) Detector: MS SCAN

**43 Cyclohexane, CAS: 110-82-7**

## Eurofins TestAmerica, Burlington

Data File: \\chromfs\Burlington\ChromData\CHW.i\20201218-44134.b\44134-021.d  
Injection Date: 19-Dec-2020 02:44:30 Instrument ID: CHW.i  
Lims ID: 200-56451-A-4 Lab Sample ID: 200-56451-4  
Client ID: SG-204  
Operator ID: ggg ALS Bottle#: 20 Worklist Smp#: 21  
Purge Vol: 200.000 mL Dil. Factor: 1.0000  
Method: TO15\_TO3\_MasterMethod\_W Limit Group: AI\_TO15\_ICAL  
Column: RTX-624 ( 0.32 mm) Detector MS SCAN

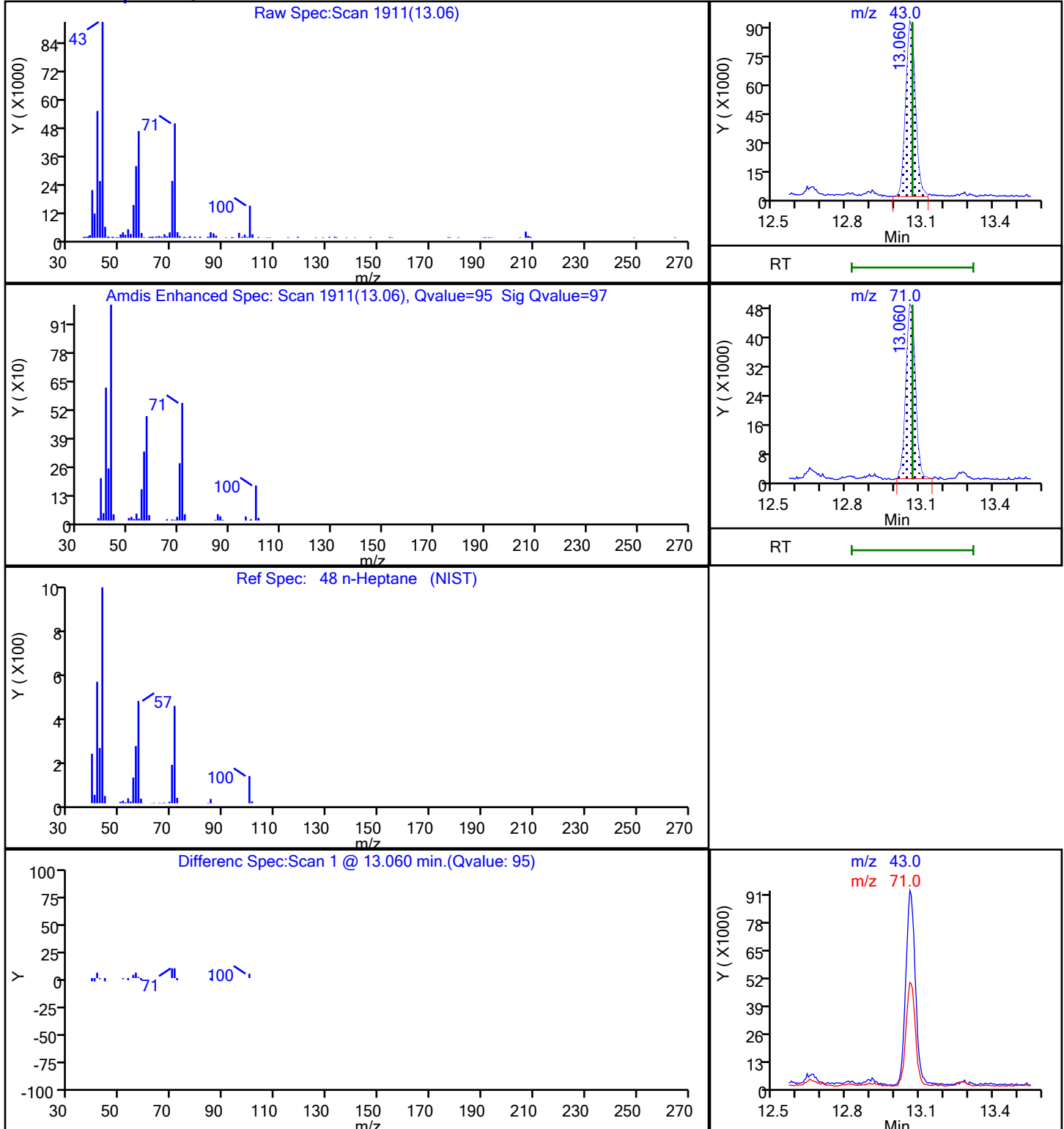
## 45 Benzene, CAS: 71-43-2





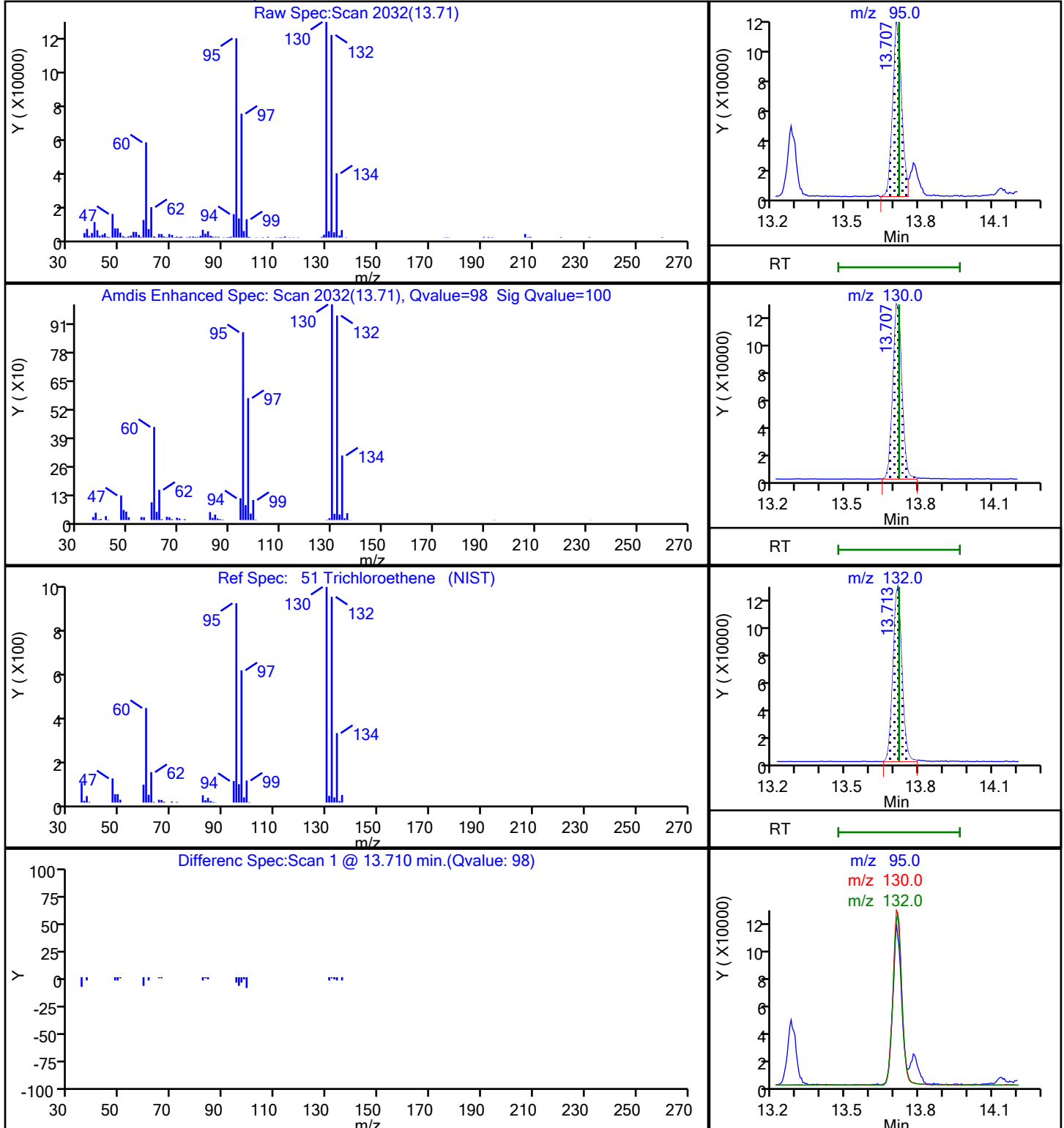
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Lims ID: 200-56451-A-4 Lab Sample ID: 200-56451-4  
Client ID: SG-204  
Operator ID: ggg ALS Bottle#: 20 Worklist Smp#: 21  
Purge Vol: 200.000 mL Dil. Factor: 1.0000  
Method: TO15\_TO3\_MasterMethod\_W Limit Group: AI\_TO15\_ICAL  
Column: RTX-624 ( 0.32 mm) Detector MS SCAN

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

## Eurofins TestAmerica, Burlington

Data File: \\chromfs\Burlington\ChromData\CHW.i\20201218-44134.b\44134-021.d  
Injection Date: 19-Dec-2020 02:44:30 Instrument ID: CHW.i  
Lims ID: 200-56451-A-4 Lab Sample ID: 200-56451-4  
Client ID: SG-204  
Operator ID: ggg ALS Bottle#: 20 Worklist Smp#: 21  
Purge Vol: 200.000 mL Dil. Factor: 1.0000  
Method: TO15\_TO3\_MasterMethod\_W Limit Group: AI\_TO15\_ICAL  
Column: RTX-624 ( 0.32 mm) Detector: MS SCAN

**51 Trichloroethene, CAS: 79-01-6**

Eurofins TestAmerica, Burlington

Data File: \\chromfs\Burlington\ChromData\CHW.i\20201218-44134.b\44134-021.d

Injection Date: 19-Dec-2020 02:44:30

Instrument ID: CHW.i

Lims ID: 200-56451-A-4

Lab Sample ID: 200-56451-4

Client ID: SG-204

Operator ID: ggg

ALS Bottle#: 20

Worklist Smp#: 21

Purge Vol: 200.000 mL

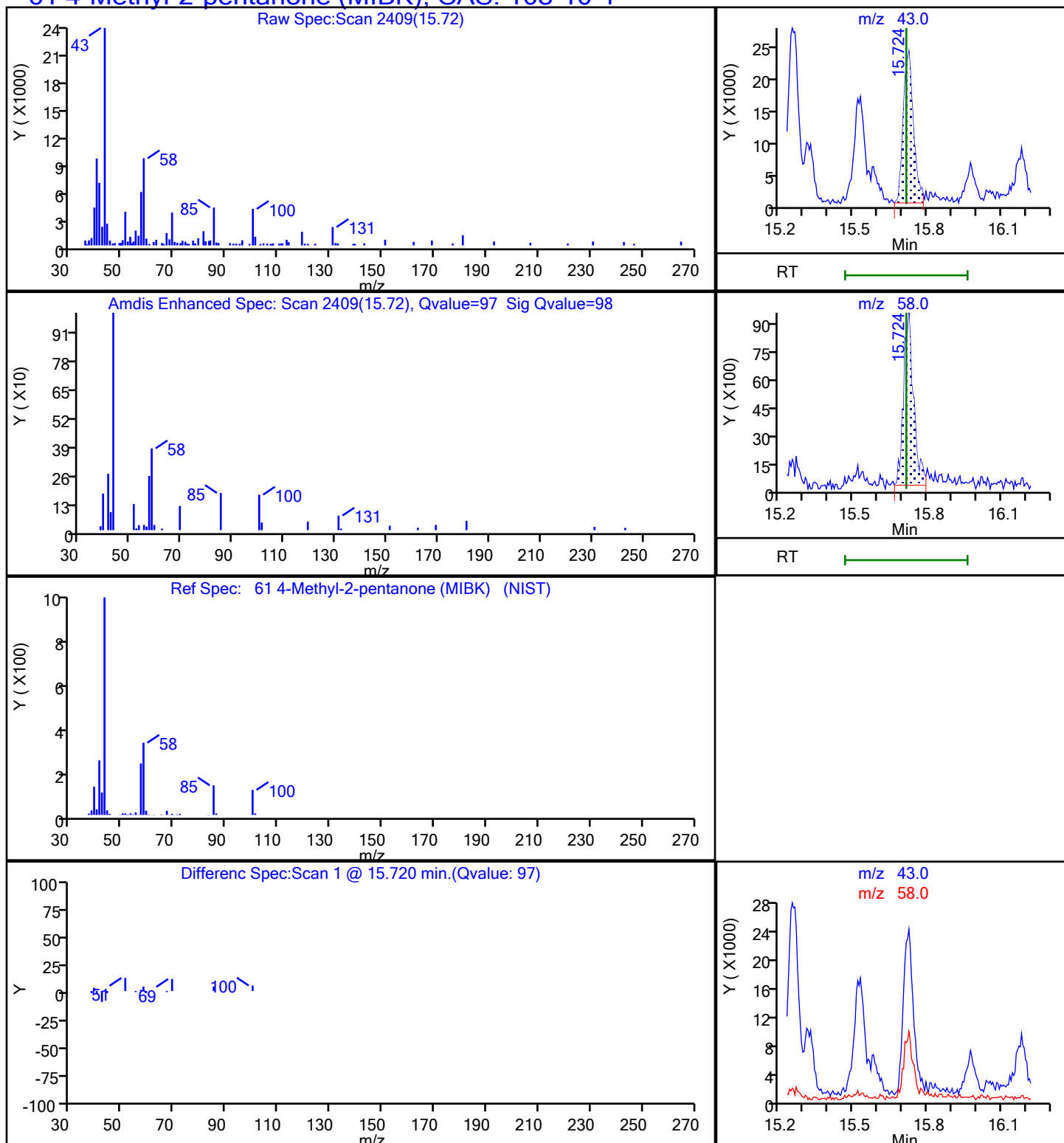
Dil. Factor: 1.0000

Method: TO15\_TO3\_MasterMethod\_W

Limit Group: AI\_TO15\_ICAL

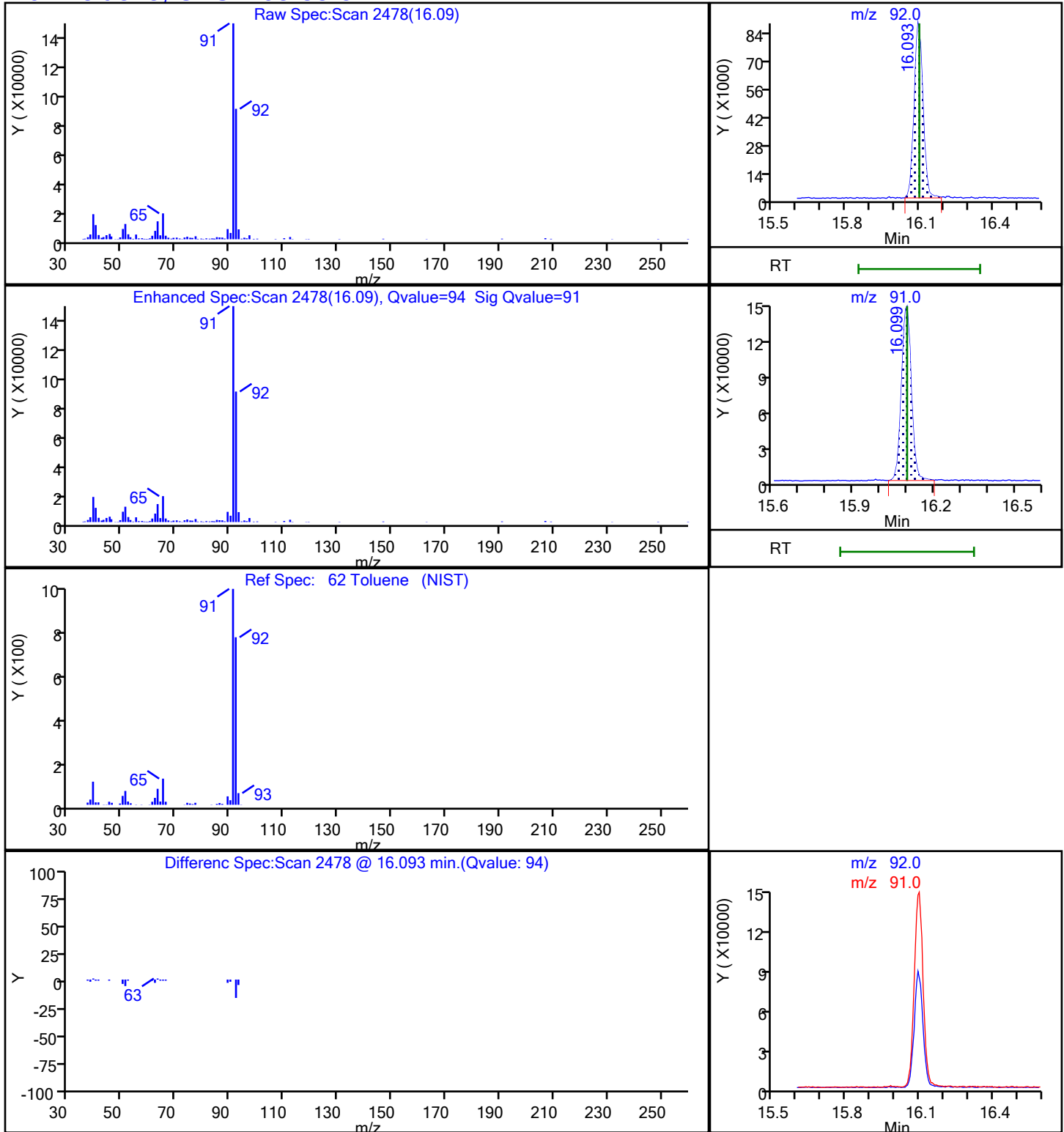
Column: RTX-624 ( 0.32 mm)

Detector: MS SCAN

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

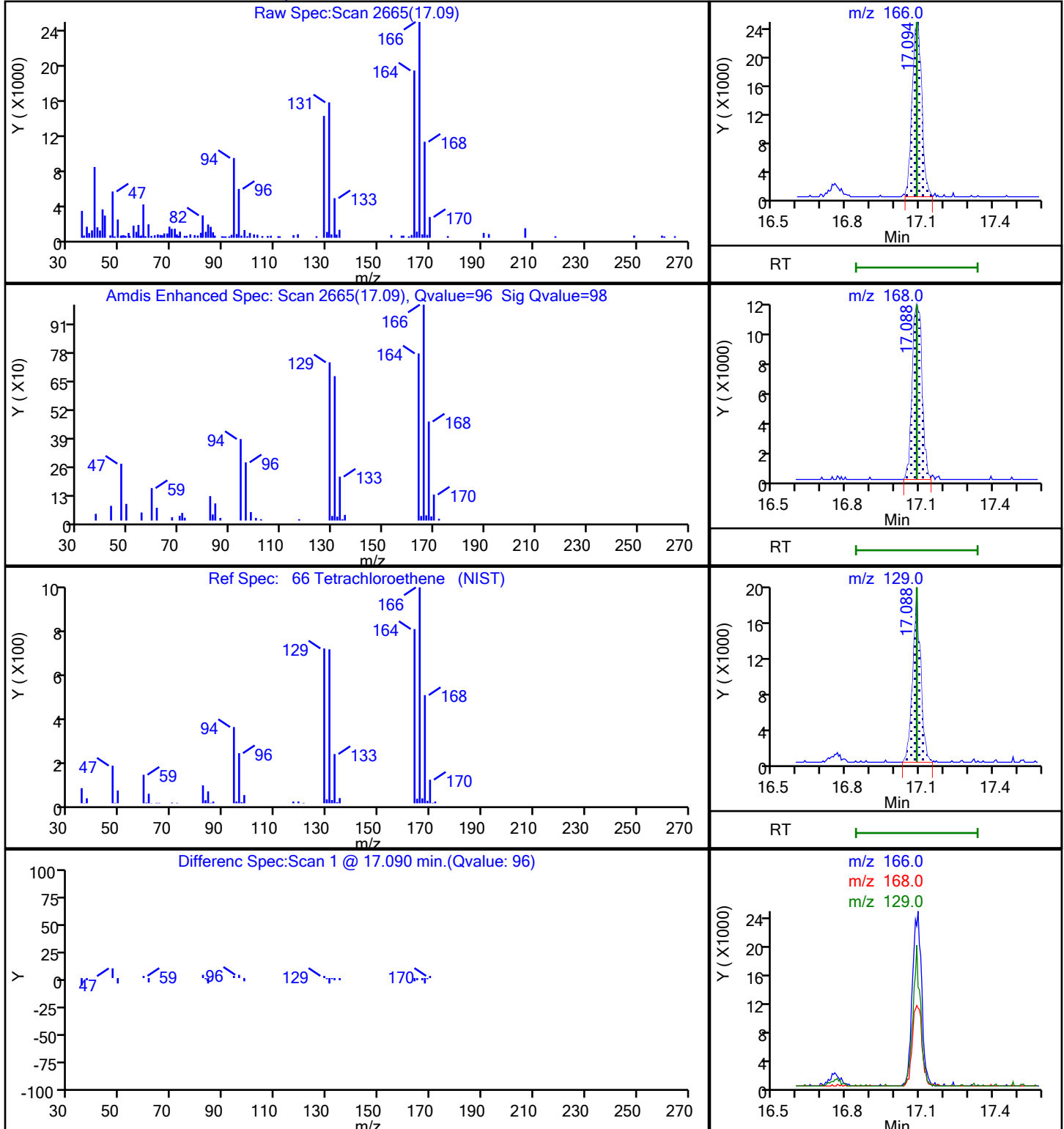
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Lims ID: 200-56451-A-4 Lab Sample ID: 200-56451-4  
Client ID: SG-204  
Operator ID: ggg ALS Bottle#: 20 Worklist Smp#: 21  
Purge Vol: 200.000 mL Dil. Factor: 1.0000  
Method: TO15\_TO3\_MasterMethod\_W Limit Group: AI\_TO15\_ICAL  
Column: RTX-624 ( 0.32 mm) Detector: MS SCAN

**62 Toluene, CAS: 108-88-3**

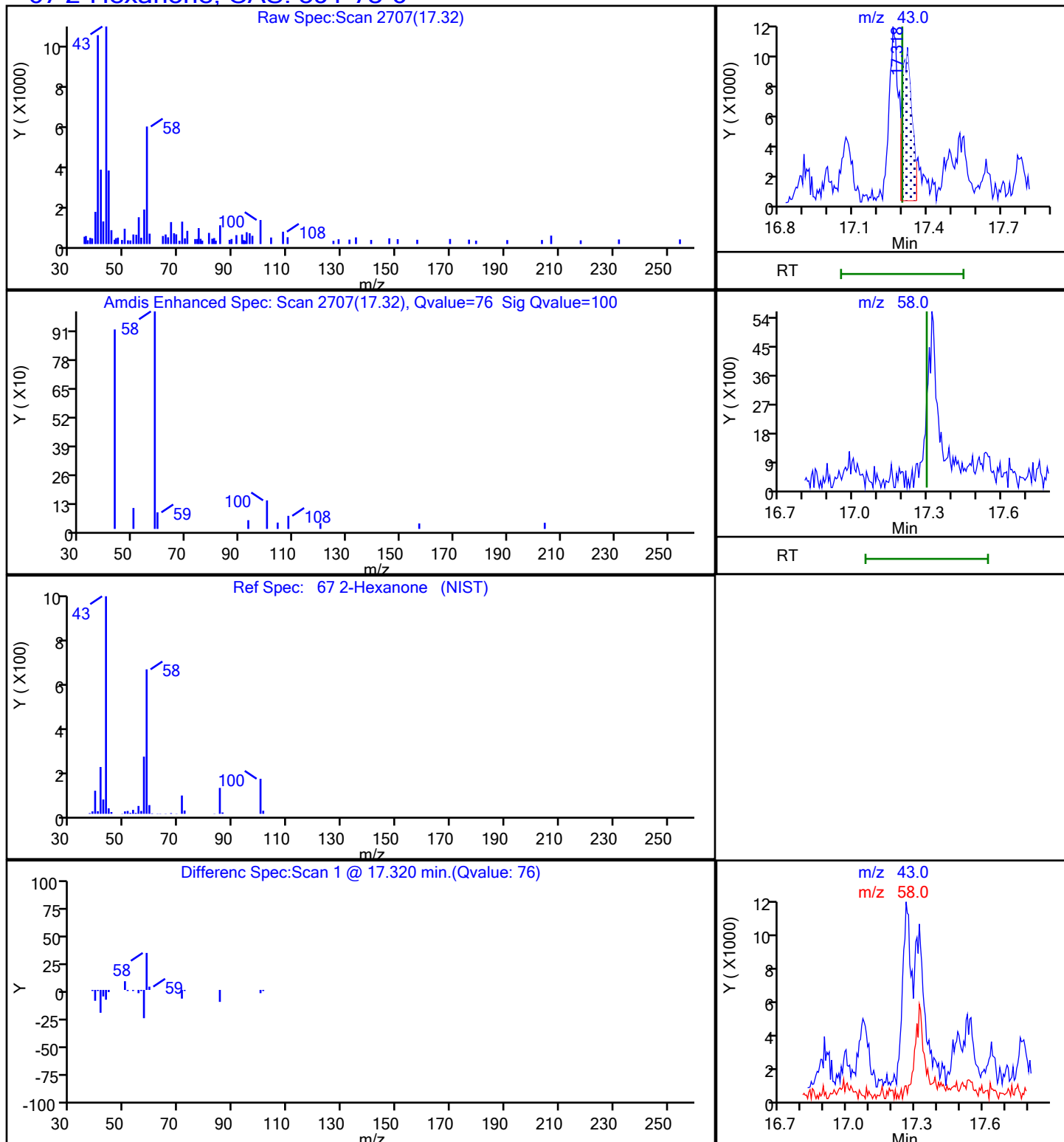
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Injection Date: 19-Dec-2020 02:44:30 Instrument ID: CHW.i  
Lims ID: 200-56451-A-4 Lab Sample ID: 200-56451-4  
Client ID: SG-204  
Operator ID: ggg ALS Bottle#: 20 Worklist Smp#: 21  
Purge Vol: 200.000 mL Dil. Factor: 1.0000  
Method: TO15\_TO3\_MasterMethod\_W Limit Group: AI\_TO15\_ICAL  
Column: RTX-624 ( 0.32 mm) Detector MS SCAN

**66 Tetrachloroethene, CAS: 127-18-4**

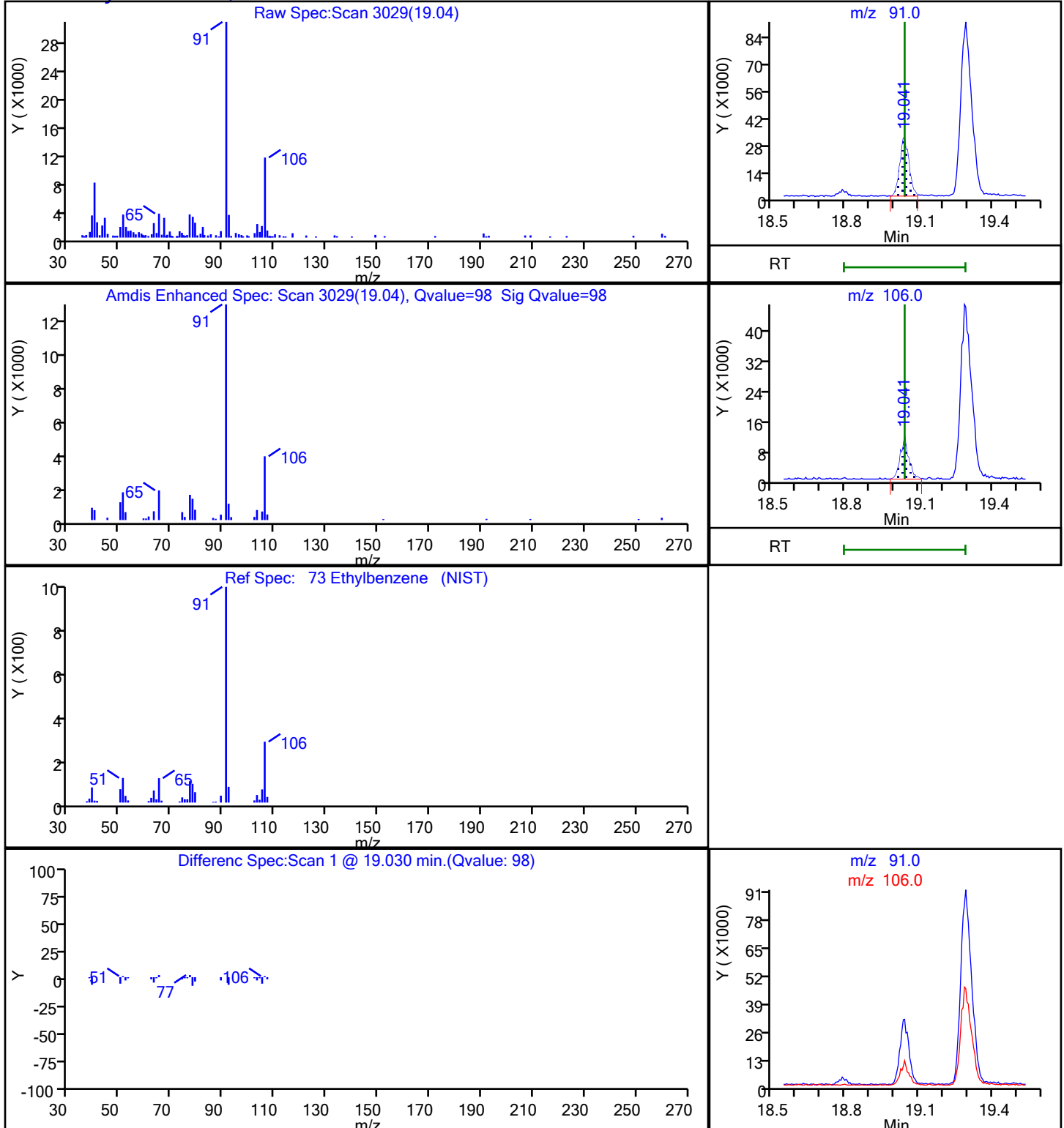
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Lims ID: 200-56451-A-4 Lab Sample ID: 200-56451-4  
Client ID: SG-204  
Operator ID: ggg ALS Bottle#: 20 Worklist Smp#: 21  
Purge Vol: 200.000 mL Dil. Factor: 1.0000  
Method: TO15\_TO3\_MasterMethod\_W Limit Group: AI\_TO15\_ICAL  
Column: RTX-624 ( 0.32 mm) Detector: MS SCAN

**67 2-Hexanone, CAS: 591-78-6**

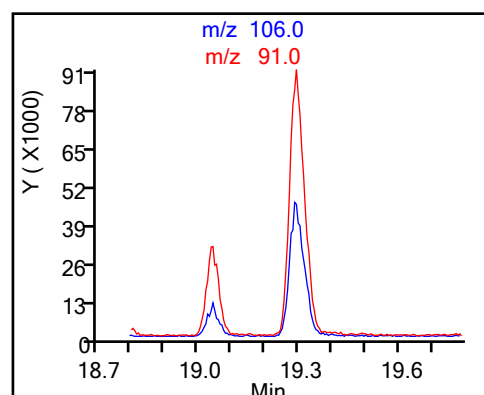
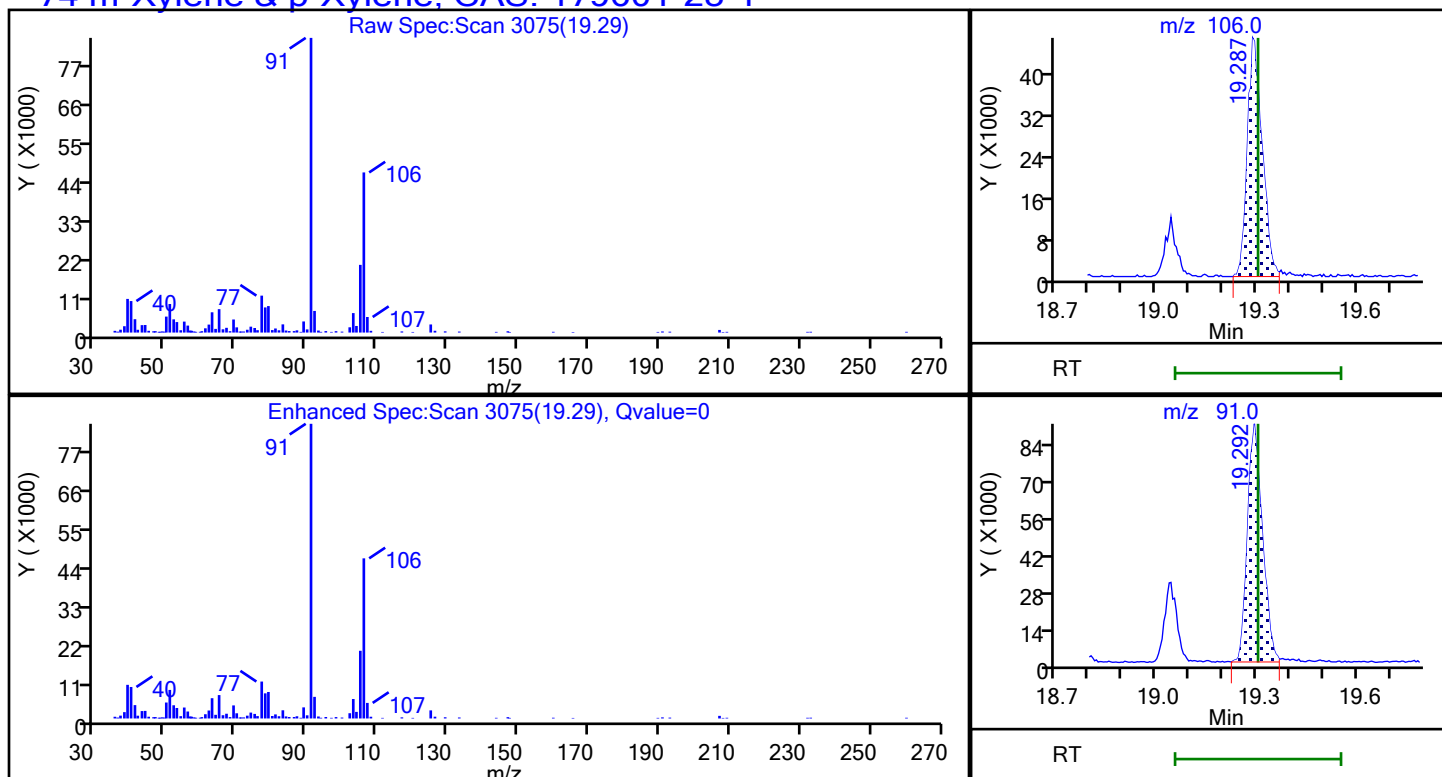
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Injection Date: 19-Dec-2020 02:44:30 Instrument ID: CHW.i  
Lims ID: 200-56451-A-4 Lab Sample ID: 200-56451-4  
Client ID: SG-204  
Operator ID: ggg ALS Bottle#: 20 Worklist Smp#: 21  
Purge Vol: 200.000 mL Dil. Factor: 1.0000  
Method: TO15\_TO3\_MasterMethod\_W Limit Group: AI\_TO15\_ICAL  
Column: RTX-624 (0.32 mm) Detector MS SCAN

**73 Ethylbenzene, CAS: 100-41-4**

Eurofins TestAmerica, Burlington

Data File: \\chromfs\Burlington\ChromData\CHW.i\20201218-44134.b\44134-021.d  
Injection Date: 19-Dec-2020 02:44:30 Instrument ID: CHW.i  
Lims ID: 200-56451-A-4 Lab Sample ID: 200-56451-4  
Client ID: SG-204  
Operator ID: ggg ALS Bottle#: 20 Worklist Smp#: 21  
Purge Vol: 200.000 mL Dil. Factor: 1.0000  
Method: TO15\_TO3\_MasterMethod\_W Limit Group: AI\_TO15\_ICAL  
Column: RTX-624 ( 0.32 mm) Detector MS SCAN

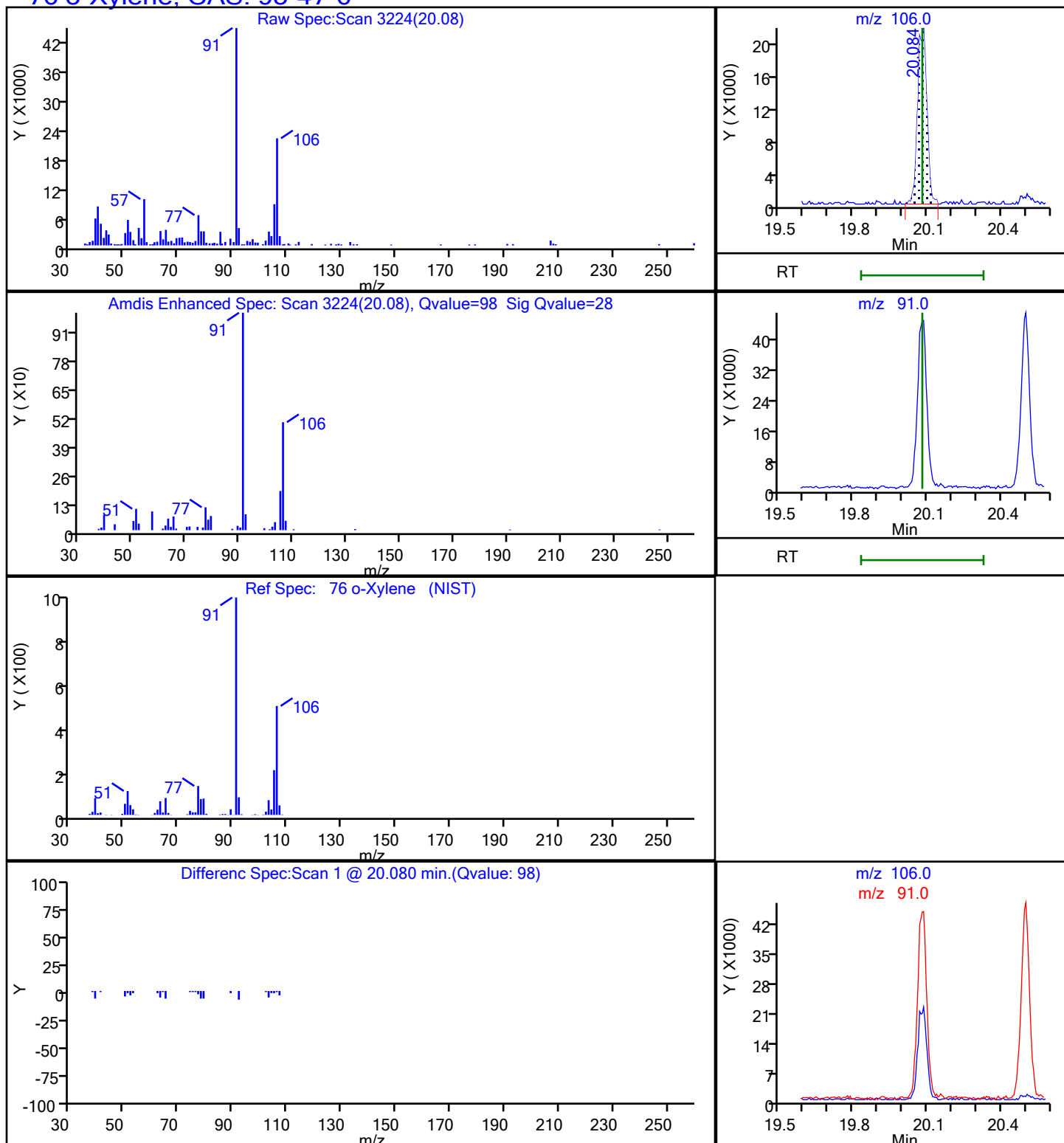
**74 m-Xylene & p-Xylene, CAS: 179601-23-1**



## Eurofins TestAmerica, Burlington

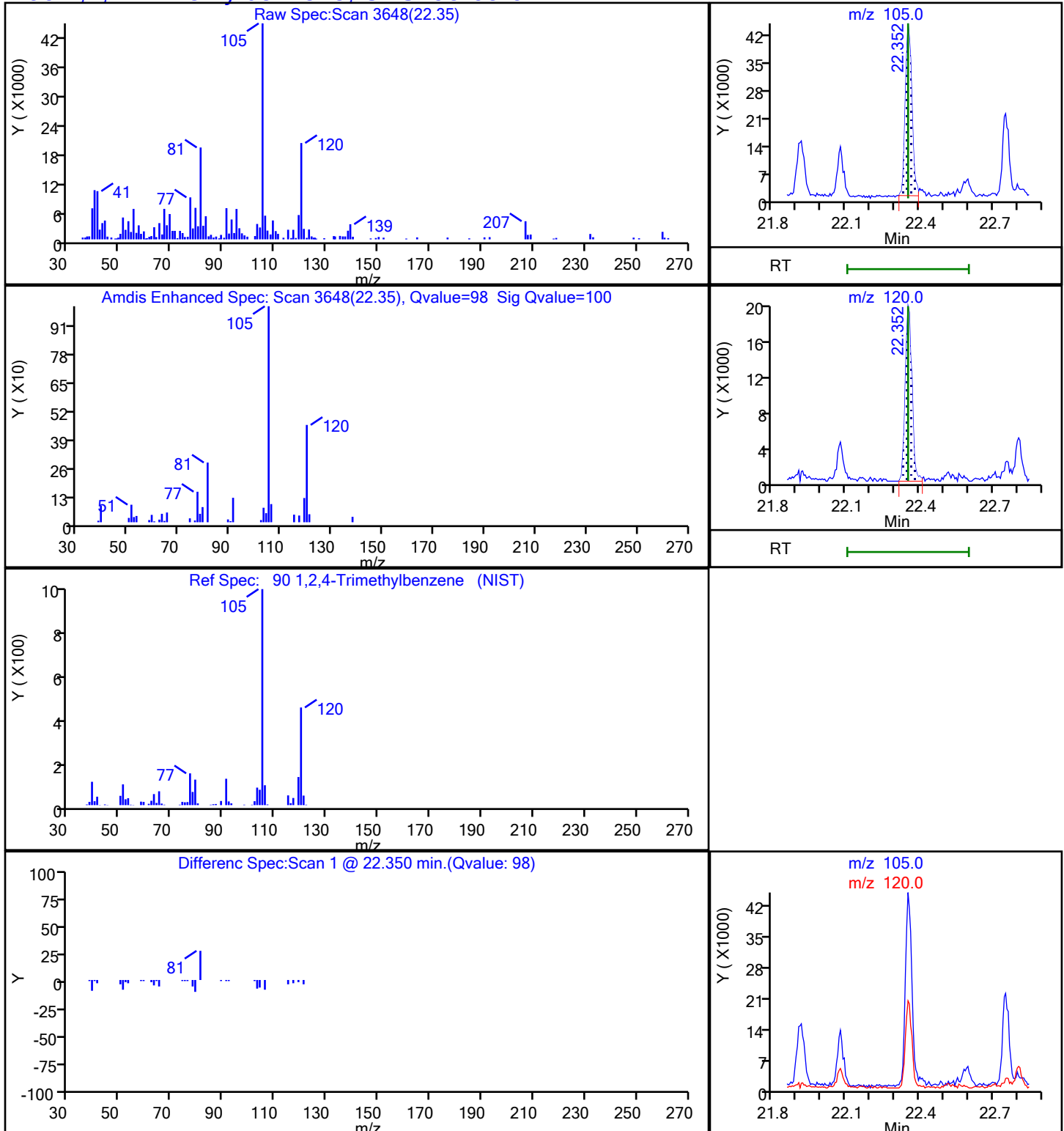
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Injection Date: 19-Dec-2020 02:44:30 Instrument ID: CHW.i  
Lims ID: 200-56451-A-4 Lab Sample ID: 200-56451-4  
Client ID: SG-204  
Operator ID: ggg ALS Bottle#: 20 Worklist Smp#: 21  
Purge Vol: 200.000 mL Dil. Factor: 1.0000  
Method: TO15\_TO3\_MasterMethod\_W Limit Group: AI\_TO15\_ICAL  
Column: RTX-624 ( 0.32 mm) Detector MS SCAN

## 76 o-Xylene, CAS: 95-47-6



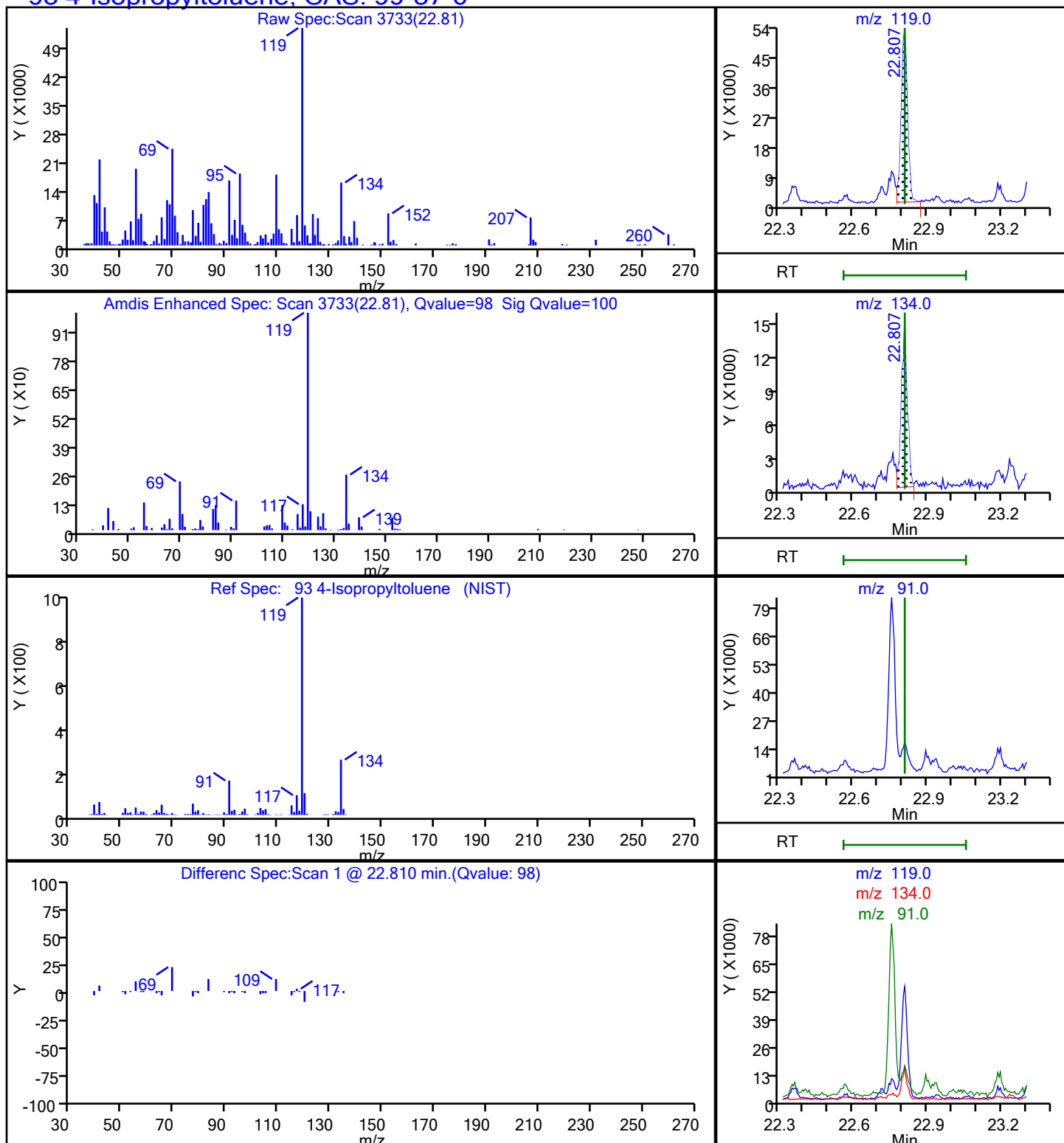
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Lims ID: 200-56451-A-4 Lab Sample ID: 200-56451-4  
Client ID: SG-204  
Operator ID: ggg ALS Bottle#: 20 Worklist Smp#: 21  
Purge Vol: 200.000 mL Dil. Factor: 1.0000  
Method: TO15\_TO3\_MasterMethod\_W Limit Group: AI\_TO15\_ICAL  
Column: RTX-624 ( 0.32 mm) Detector MS SCAN

**90 1,2,4-Trimethylbenzene, CAS: 95-63-6**

## Eurofins TestAmerica, Burlington

Data File: \\chromfs\Burlington\ChromData\CHW.i\20201218-44134.b\44134-021.d  
Injection Date: 19-Dec-2020 02:44:30 Instrument ID: CHW.i  
Lims ID: 200-56451-A-4 Lab Sample ID: 200-56451-4  
Client ID: SG-204  
Operator ID: ggg ALS Bottle#: 20 Worklist Smp#: 21  
Purge Vol: 200.000 mL Dil. Factor: 1.0000  
Method: TO15\_TO3\_MasterMethod\_W Limit Group: AI\_TO15\_ICAL  
Column: RTX-624 ( 0.32 mm) Detector: MS SCAN

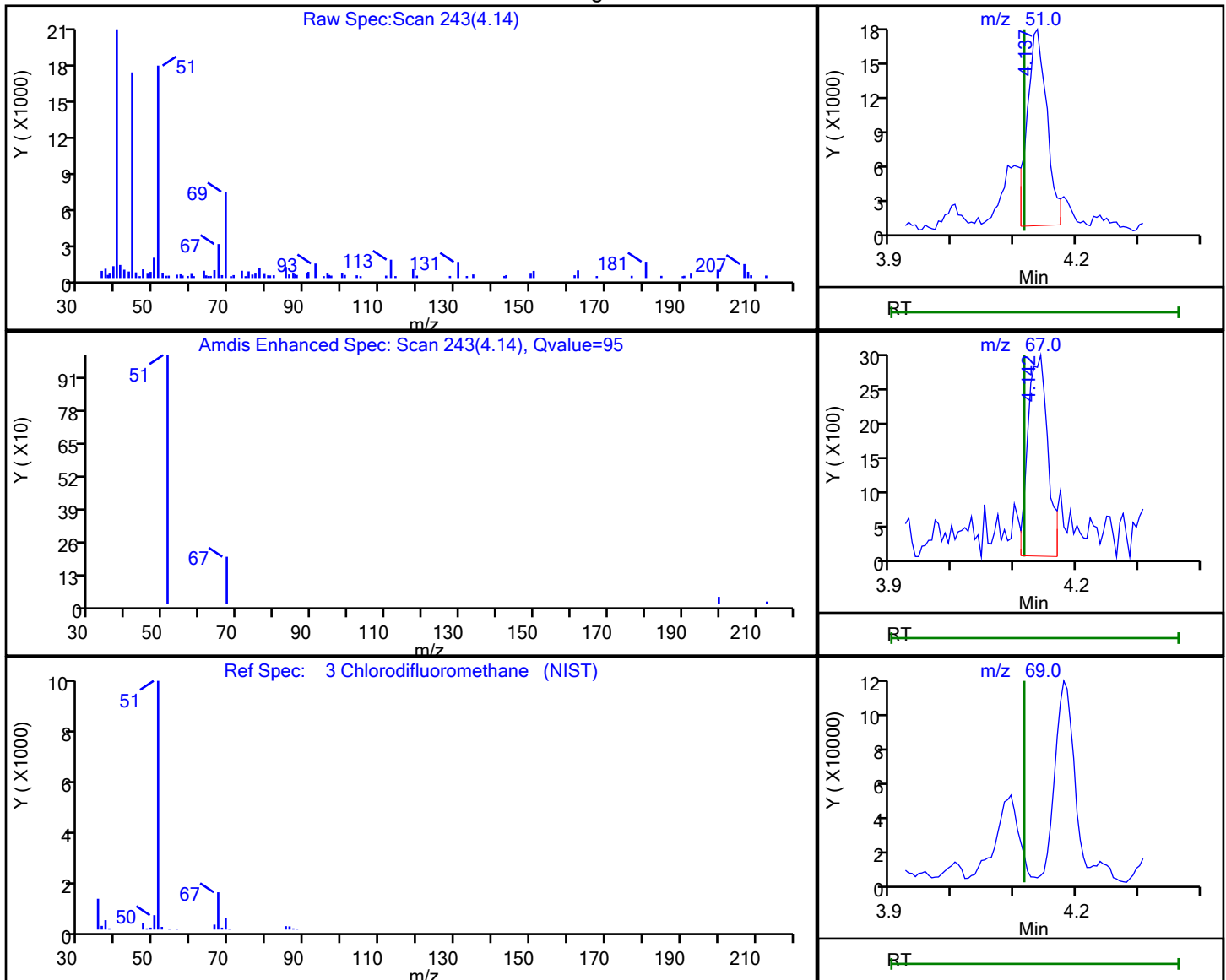
**93 4-Isopropyltoluene, CAS: 99-87-6**

## Eurofins TestAmerica, Burlington

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Injection Date: 19-Dec-2020 02:44:30 Instrument ID: CHW.i  
Lims ID: 200-56451-A-4 Lab Sample ID: 200-56451-4  
Client ID: SG-204  
Operator ID: ggg ALS Bottle#: 20 Worklist Smp#: 21  
Purge Vol: 200.000 mL Dil. Factor: 1.0000  
Method: TO15\_TO3\_MasterMethod\_W Limit Group: AI\_TO15\_ICAL  
Column: RTX-624 ( 0.32 mm) Detector: MS SCAN

**3 Chlorodifluoromethane, CAS: 75-45-6**

## Processing Results



| RT   | Mass  | Response | Amount   |
|------|-------|----------|----------|
| 4.14 | 51.00 | 36673    | 0.161923 |
| 4.14 | 67.00 | 6528     |          |
| 4.12 | 69.00 | 0        |          |

Reviewer: bunmaa, 21-Dec-2020 13:01:57

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

## Eurofins TestAmerica, Burlington

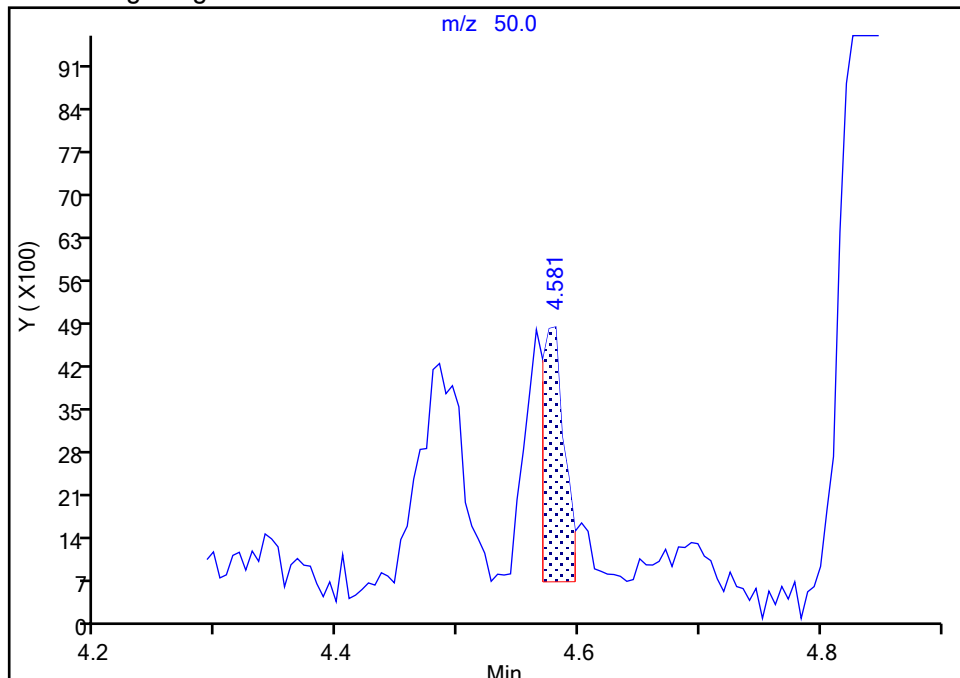
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Injection Date: 19-Dec-2020 02:44:30 Instrument ID: CHW.i  
Lims ID: 200-56451-A-4 Lab Sample ID: 200-56451-4  
Client ID: SG-204  
Operator ID: ggg ALS Bottle#: 20 Worklist Smp#: 21  
Purge Vol: 200.000 mL Dil. Factor: 1.0000  
Method: TO15\_TO3\_MasterMethod\_W Limit Group: AI\_TO15\_ICAL  
Column: RTX-624 ( 0.32 mm) Detector: MS SCAN

**5 Chloromethane, CAS: 74-87-3**

Signal: 1

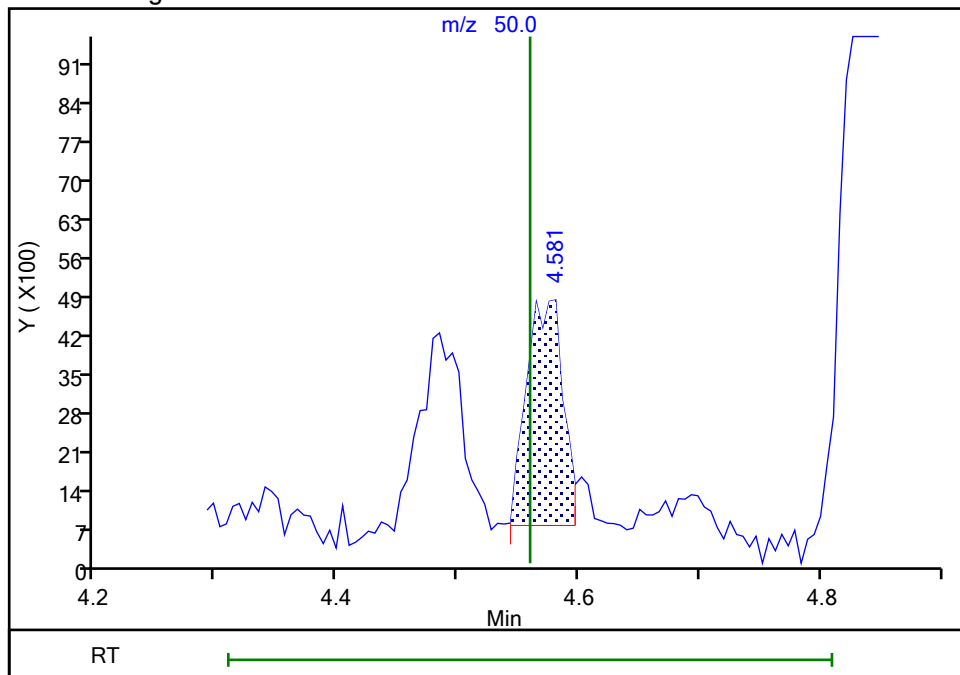
RT: 4.58  
Area: 5397  
Amount: 0.041648  
Amount Units: ppb v/v

## Processing Integration Results



RT: 4.58  
Area: 8577  
Amount: 0.066187  
Amount Units: ppb v/v

## Manual Integration Results



Reviewer: bunmaa, 21-Dec-2020 13:02:23

Audit Action: Manually Integrated

Audit Reason: Assign Peak

## Eurofins TestAmerica, Burlington

Data File: \\chromfs\Burlington\ChromData\CHW.i\20201218-44134.b\44134-021.d

Injection Date: 19-Dec-2020 02:44:30

Instrument ID: CHW.i

Lims ID: 200-56451-A-4

Lab Sample ID: 200-56451-4

Client ID: SG-204

Operator ID: ggg

ALS Bottle#:

20

Worklist Smp#: 21

Purge Vol: 200.000 mL

Dil. Factor: 1.0000

Method: TO15\_TO3\_MasterMethod\_W

Limit Group: AI\_TO15\_ICAL

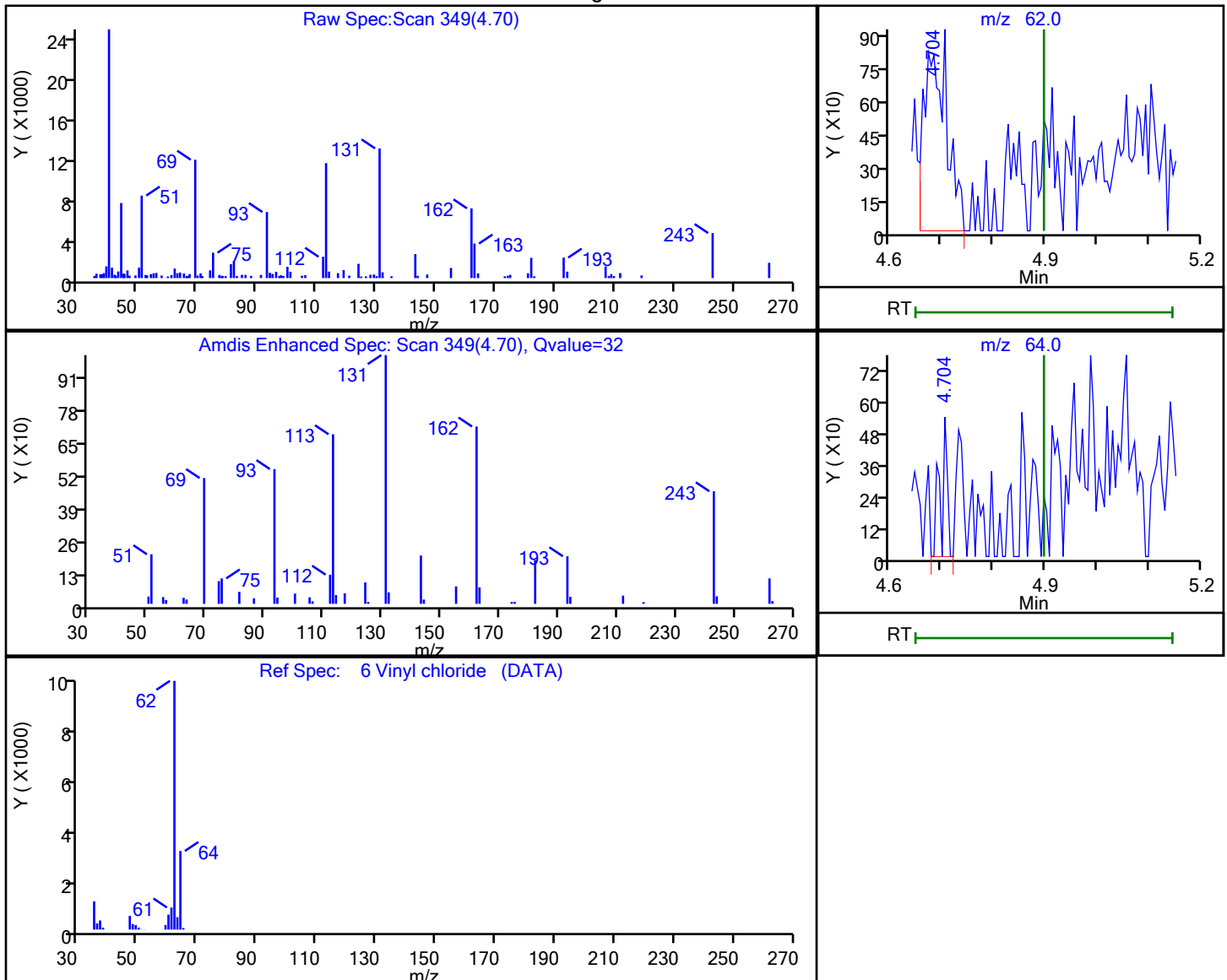
Column: RTX-624 ( 0.32 mm)

Detector

MS SCAN

## 6 Vinyl chloride, CAS: 75-01-4

## Processing Results



| RT   | Mass  | Response | Amount   |
|------|-------|----------|----------|
| 4.70 | 62.00 | 2609     | 0.016384 |
| 4.70 | 64.00 | 476      |          |

Reviewer: bunmaa, 21-Dec-2020 13:02:41

Audit Action: Marked Compound Undetected

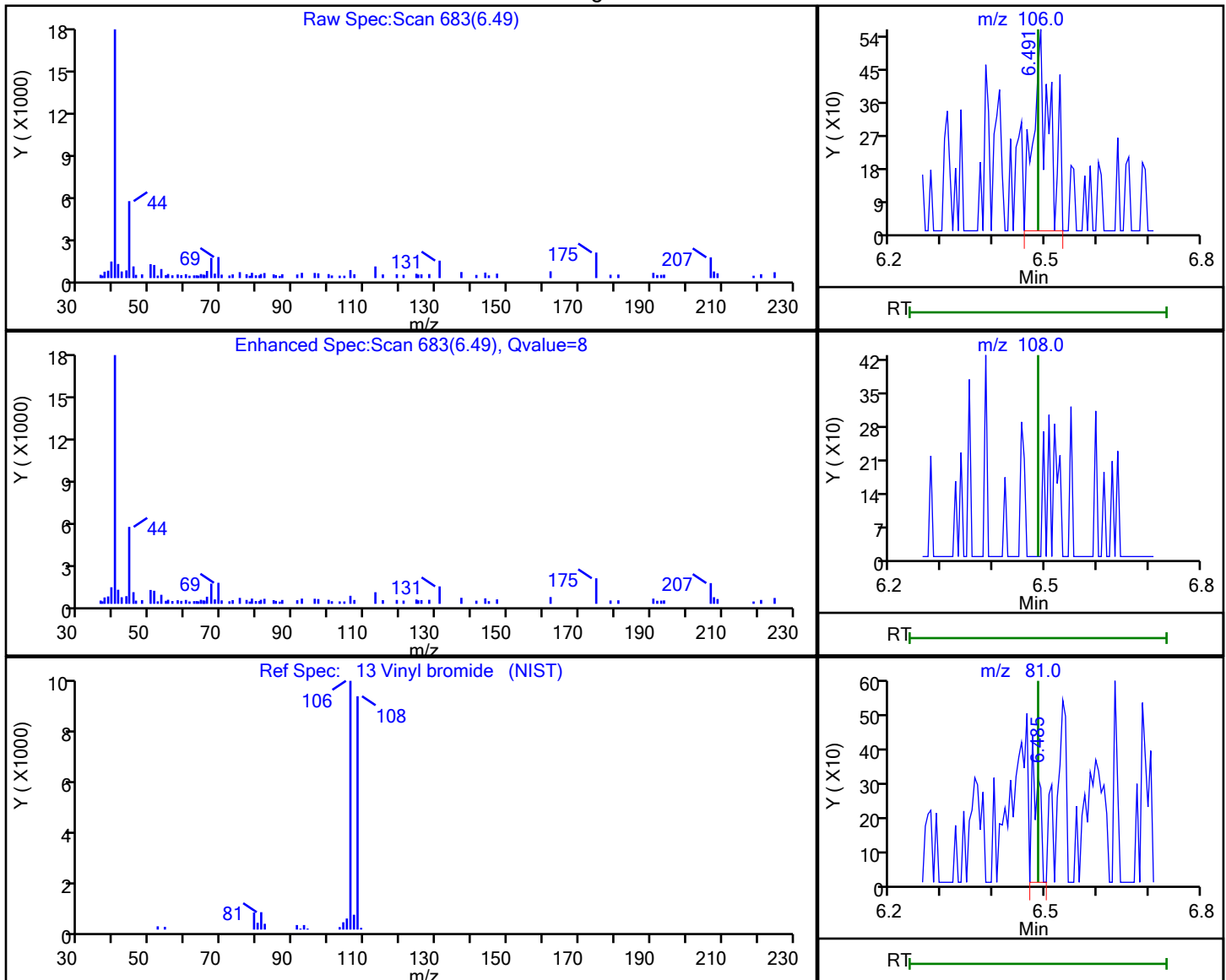
Audit Reason: Invalid Compound ID

## Eurofins TestAmerica, Burlington

Data File: \\chromfs\Burlington\ChromData\CHW.i\20201218-44134.b\44134-021.d  
Injection Date: 19-Dec-2020 02:44:30 Instrument ID: CHW.i  
Lims ID: 200-56451-A-4 Lab Sample ID: 200-56451-4  
Client ID: SG-204  
Operator ID: ggg ALS Bottle#: 20 Worklist Smp#: 21  
Purge Vol: 200.000 mL Dil. Factor: 1.0000  
Method: TO15\_TO3\_MasterMethod\_W Limit Group: AI\_TO15\_ICAL  
Column: RTX-624 ( 0.32 mm) Detector: MS SCAN

## 13 Vinyl bromide, CAS: 593-60-2

## Processing Results



| RT   | Mass   | Response | Amount   |
|------|--------|----------|----------|
| 6.49 | 106.00 | 1219     | 0.011043 |
| 6.49 | 108.00 | 0        |          |
| 6.49 | 81.00  | 384      |          |

Reviewer: bunmaa, 21-Dec-2020 13:03:00

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

## Eurofins TestAmerica, Burlington

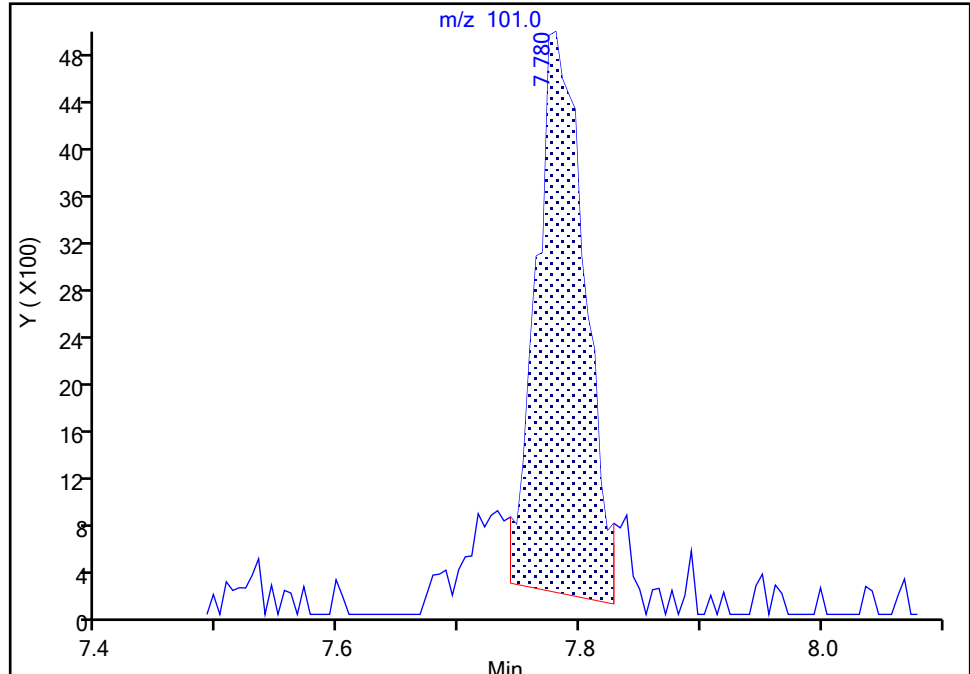
Data File: \\chromfs\Burlington\ChromData\CHW.i\20201218-44134.b\44134-021.d  
Injection Date: 19-Dec-2020 02:44:30 Instrument ID: CHW.i  
Lims ID: 200-56451-A-4 Lab Sample ID: 200-56451-4  
Client ID: SG-204  
Operator ID: ggg ALS Bottle#: 20 Worklist Smp#: 21  
Purge Vol: 200.000 mL Dil. Factor: 1.0000  
Method: TO15\_TO3\_MasterMethod\_W Limit Group: AI\_TO15\_ICAL  
Column: RTX-624 ( 0.32 mm) Detector: MS SCAN

21 112TCTFE, CAS: 76-13-1

Signal: 1

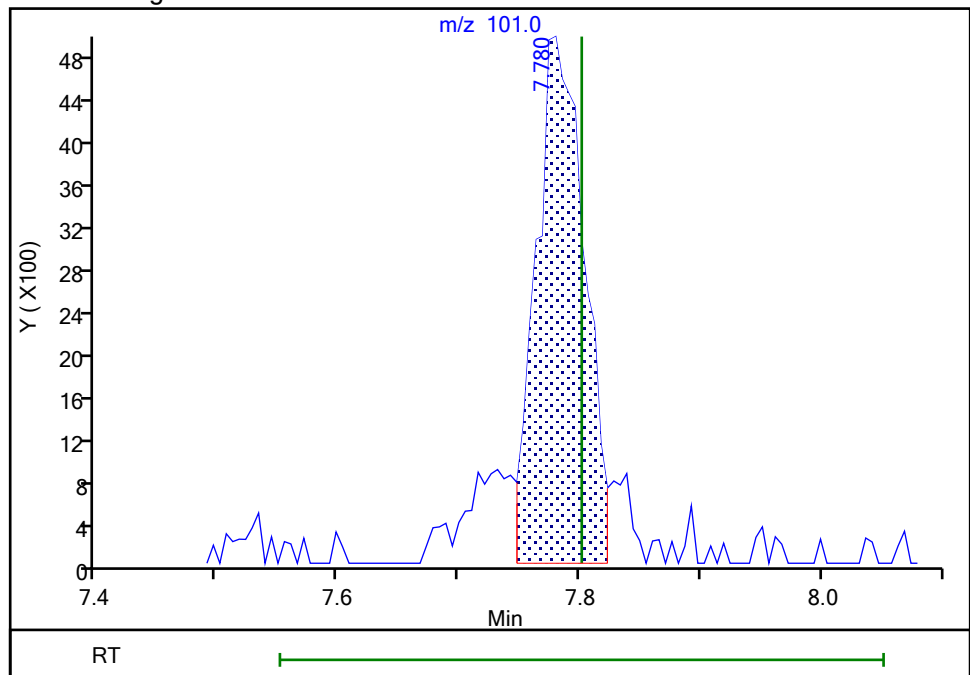
RT: 7.78  
Area: 13462  
Amount: 0.058630  
Amount Units: ppb v/v

## Processing Integration Results



RT: 7.78  
Area: 13912  
Amount: 0.060590  
Amount Units: ppb v/v

## Manual Integration Results



Reviewer: bunmaa, 21-Dec-2020 13:03:39

Audit Action: Manually Integrated

Audit Reason: Assign Peak

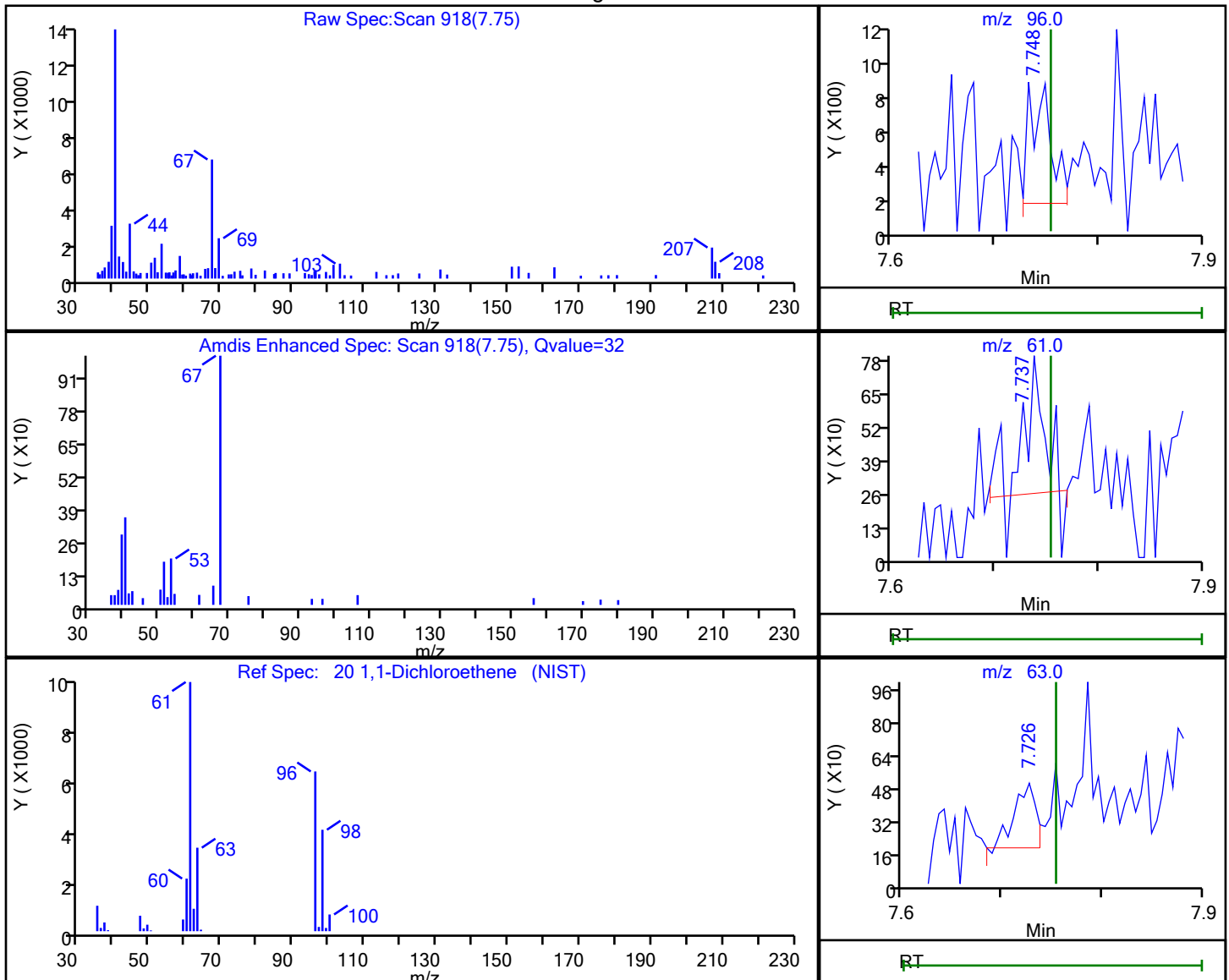


## Eurofins TestAmerica, Burlington

Data File: \\chromfs\Burlington\ChromData\CHW.i\20201218-44134.b\44134-021.d  
Injection Date: 19-Dec-2020 02:44:30 Instrument ID: CHW.i  
Lims ID: 200-56451-A-4 Lab Sample ID: 200-56451-4  
Client ID: SG-204  
Operator ID: ggg ALS Bottle#: 20 Worklist Smp#: 21  
Purge Vol: 200.000 mL Dil. Factor: 1.0000  
Method: TO15\_TO3\_MasterMethod\_W Limit Group: AI\_TO15\_ICAL  
Column: RTX-624 ( 0.32 mm) Detector: MS SCAN

## 20 1,1-Dichloroethene, CAS: 75-35-4

## Processing Results



| RT   | Mass  | Response | Amount   |
|------|-------|----------|----------|
| 7.75 | 96.00 | 970      | 0.008378 |
| 7.74 | 61.00 | 684      |          |
| 7.73 | 63.00 | 479      |          |

Reviewer: bunmaa, 21-Dec-2020 13:03:08

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

## Eurofins TestAmerica, Burlington

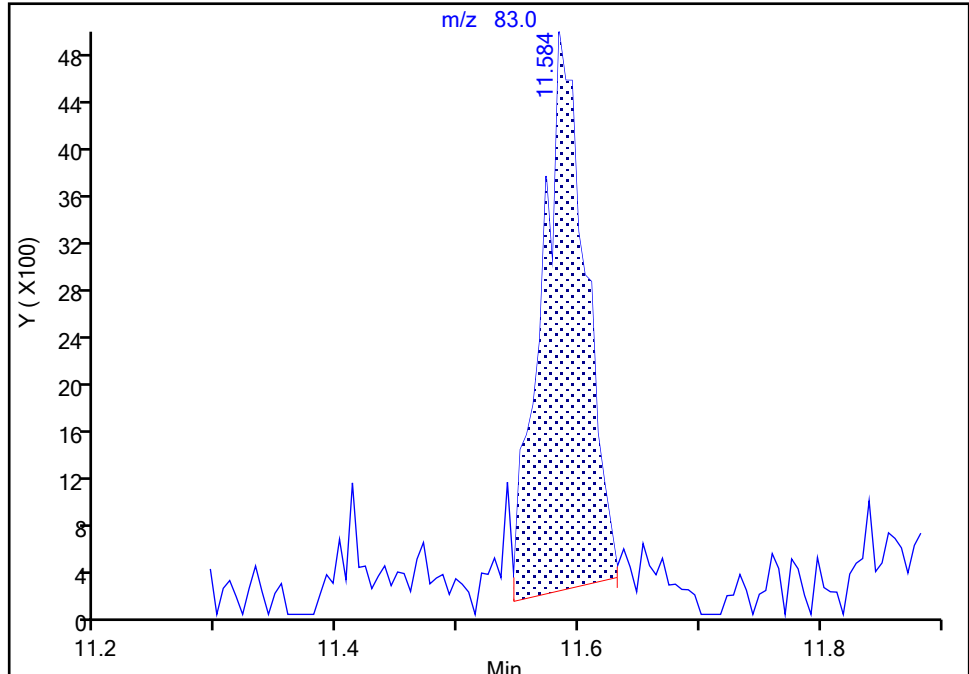
|                 |                                                                   |                |              |
|-----------------|-------------------------------------------------------------------|----------------|--------------|
| Data File:      | \\chromfs\Burlington\ChromData\CHW.i\20201218-44134.b\44134-021.d |                |              |
| Injection Date: | 19-Dec-2020 02:44:30                                              | Instrument ID: | CHW.i        |
| Lims ID:        | 200-56451-A-4                                                     | Lab Sample ID: | 200-56451-4  |
| Client ID:      | SG-204                                                            |                |              |
| Operator ID:    | ggg                                                               | ALS Bottle#:   | 20           |
| Purge Vol:      | 200.000 mL                                                        | Dil. Factor:   | 1.0000       |
| Method:         | TO15_TO3_MasterMethod_W                                           | Limit Group:   | AI_TO15_ICAL |
| Column:         | RTX-624 ( 0.32 mm)                                                | Detector:      | MS SCAN      |
|                 |                                                                   | Worklist Smp#: | 21           |

**41 Chloroform, CAS: 67-66-3**

Signal: 1

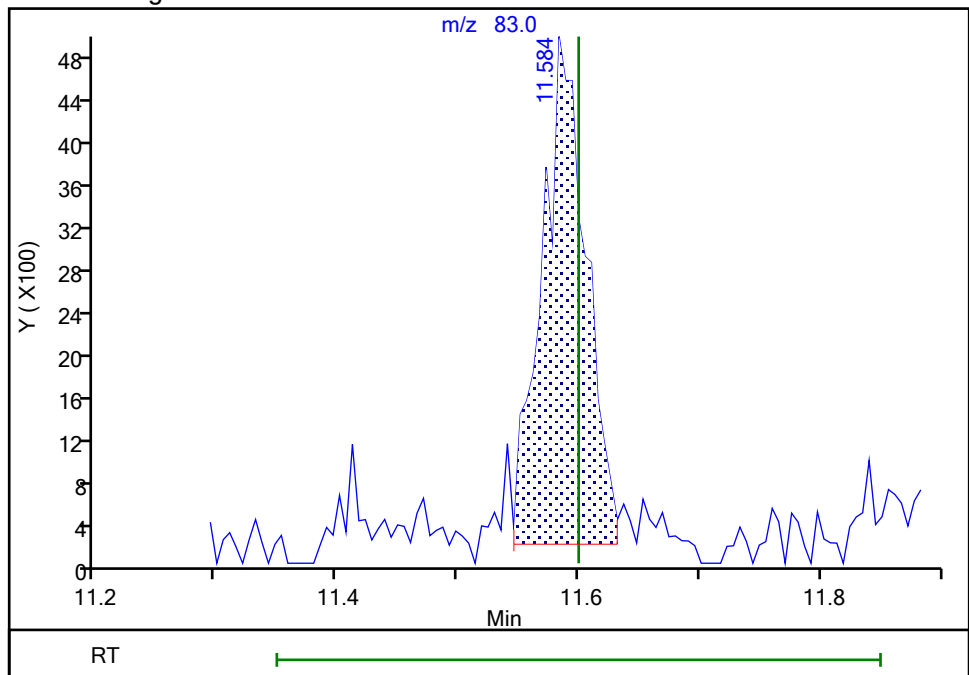
RT: 11.58  
Area: 11890  
Amount: 0.049791  
Amount Units: ppb v/v

## Processing Integration Results



RT: 11.58  
Area: 12071  
Amount: 0.050549  
Amount Units: ppb v/v

## Manual Integration Results



Reviewer: bunmaa, 21-Dec-2020 13:04:50

Audit Action: Manually Integrated

Audit Reason: Assign Peak

## Eurofins TestAmerica, Burlington

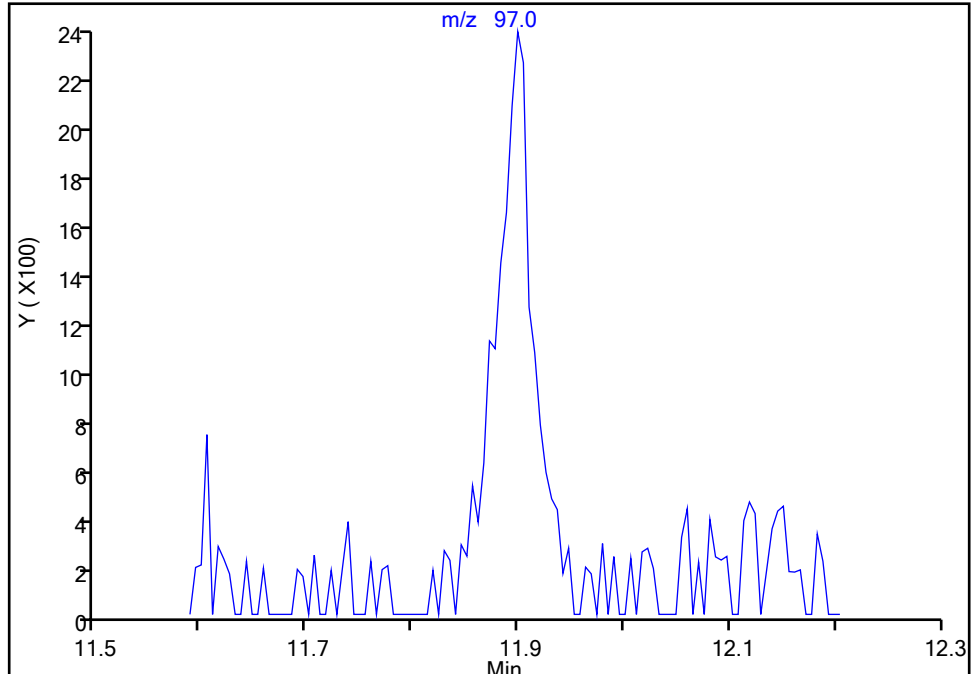
|                 |                                                                   |                |              |
|-----------------|-------------------------------------------------------------------|----------------|--------------|
| Data File:      | \\chromfs\Burlington\ChromData\CHW.i\20201218-44134.b\44134-021.d |                |              |
| Injection Date: | 19-Dec-2020 02:44:30                                              | Instrument ID: | CHW.i        |
| Lims ID:        | 200-56451-A-4                                                     | Lab Sample ID: | 200-56451-4  |
| Client ID:      | SG-204                                                            |                |              |
| Operator ID:    | ggg                                                               | ALS Bottle#:   | 20           |
| Purge Vol:      | 200.000 mL                                                        | Dil. Factor:   | 1.0000       |
| Method:         | TO15_TO3_MasterMethod_W                                           | Limit Group:   | AI_TO15_ICAL |
| Column:         | RTX-624 ( 0.32 mm)                                                | Detector:      | MS SCAN      |
|                 |                                                                   | Worklist Smp#: | 21           |

**42 1,1,1-Trichloroethane, CAS: 71-55-6**

Signal: 1

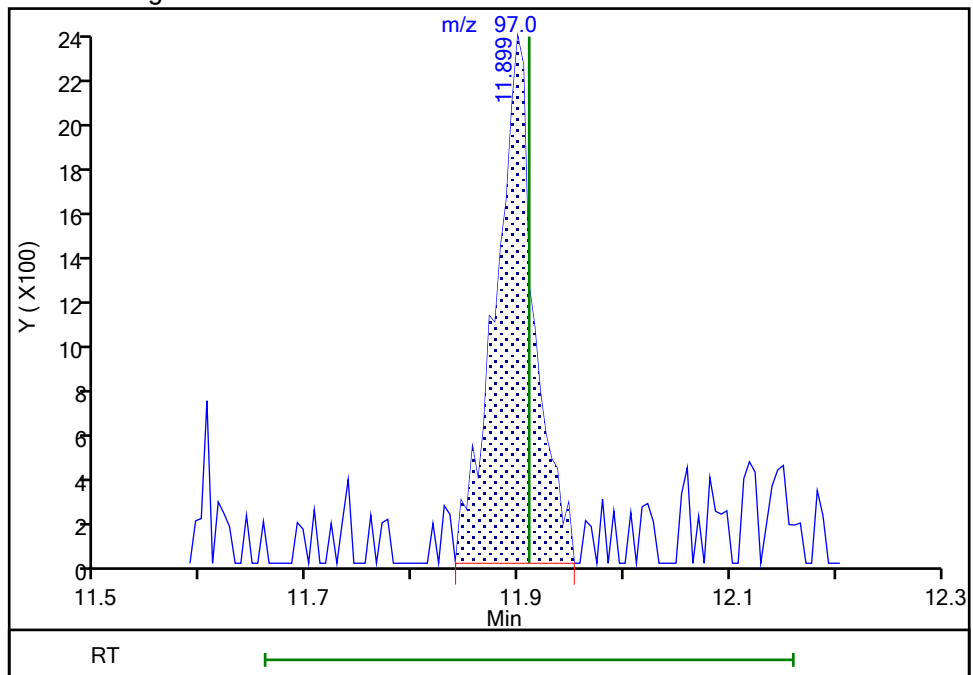
Not Detected  
Expected RT: 11.91

## Processing Integration Results



## Manual Integration Results

RT: 11.90  
Area: 6088  
Amount: 0.024168  
Amount Units: ppb v/v



Reviewer: bunmaa, 21-Dec-2020 13:05:15

Audit Action: Manually Integrated

Audit Reason: Assign Peak

## Eurofins TestAmerica, Burlington

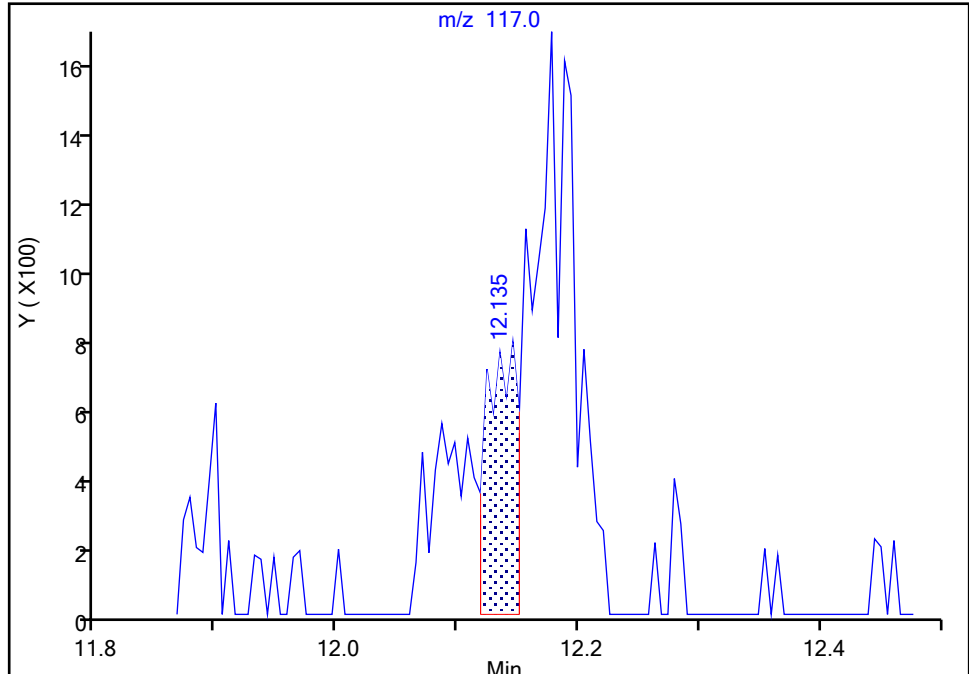
|                 |                                                                   |                |              |
|-----------------|-------------------------------------------------------------------|----------------|--------------|
| Data File:      | \\chromfs\Burlington\ChromData\CHW.i\20201218-44134.b\44134-021.d |                |              |
| Injection Date: | 19-Dec-2020 02:44:30                                              | Instrument ID: | CHW.i        |
| Lims ID:        | 200-56451-A-4                                                     | Lab Sample ID: | 200-56451-4  |
| Client ID:      | SG-204                                                            |                |              |
| Operator ID:    | ggg                                                               | ALS Bottle#:   | 20           |
| Purge Vol:      | 200.000 mL                                                        | Dil. Factor:   | 1.0000       |
| Method:         | TO15_TO3_MasterMethod_W                                           | Limit Group:   | AI_TO15_ICAL |
| Column:         | RTX-624 ( 0.32 mm)                                                | Detector:      | MS SCAN      |
|                 |                                                                   | Worklist Smp#: | 21           |

**44 Carbon tetrachloride, CAS: 56-23-5**

Signal: 1

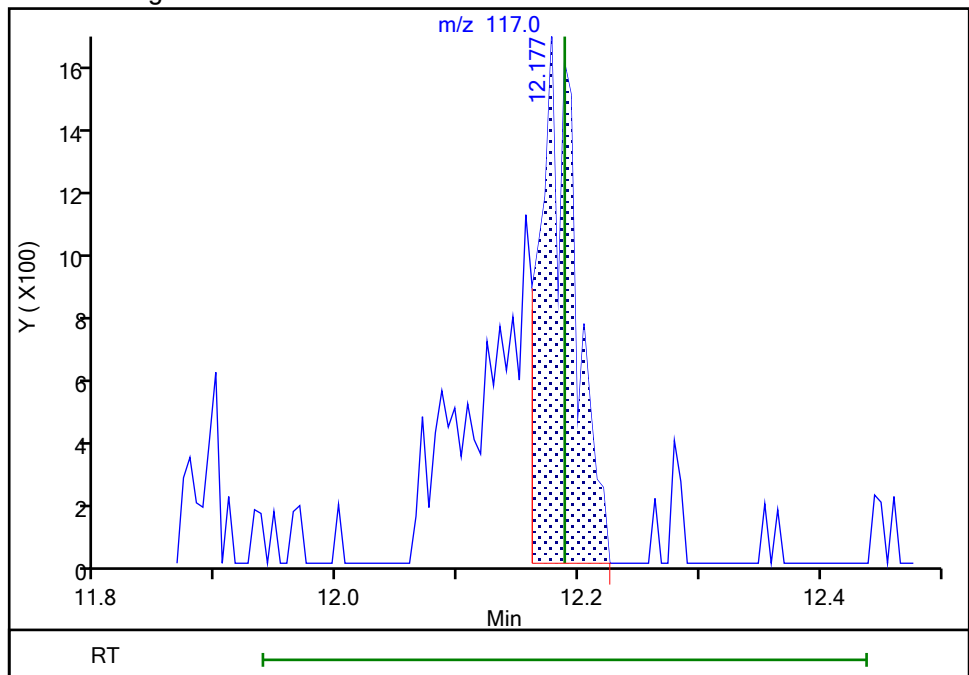
RT: 12.13  
Area: 1402  
Amount: 0.005137  
Amount Units: ppb v/v

## Processing Integration Results



RT: 12.18  
Area: 3483  
Amount: 0.012761  
Amount Units: ppb v/v

## Manual Integration Results



Reviewer: bunmaa, 21-Dec-2020 13:05:50

Audit Action: Manually Integrated

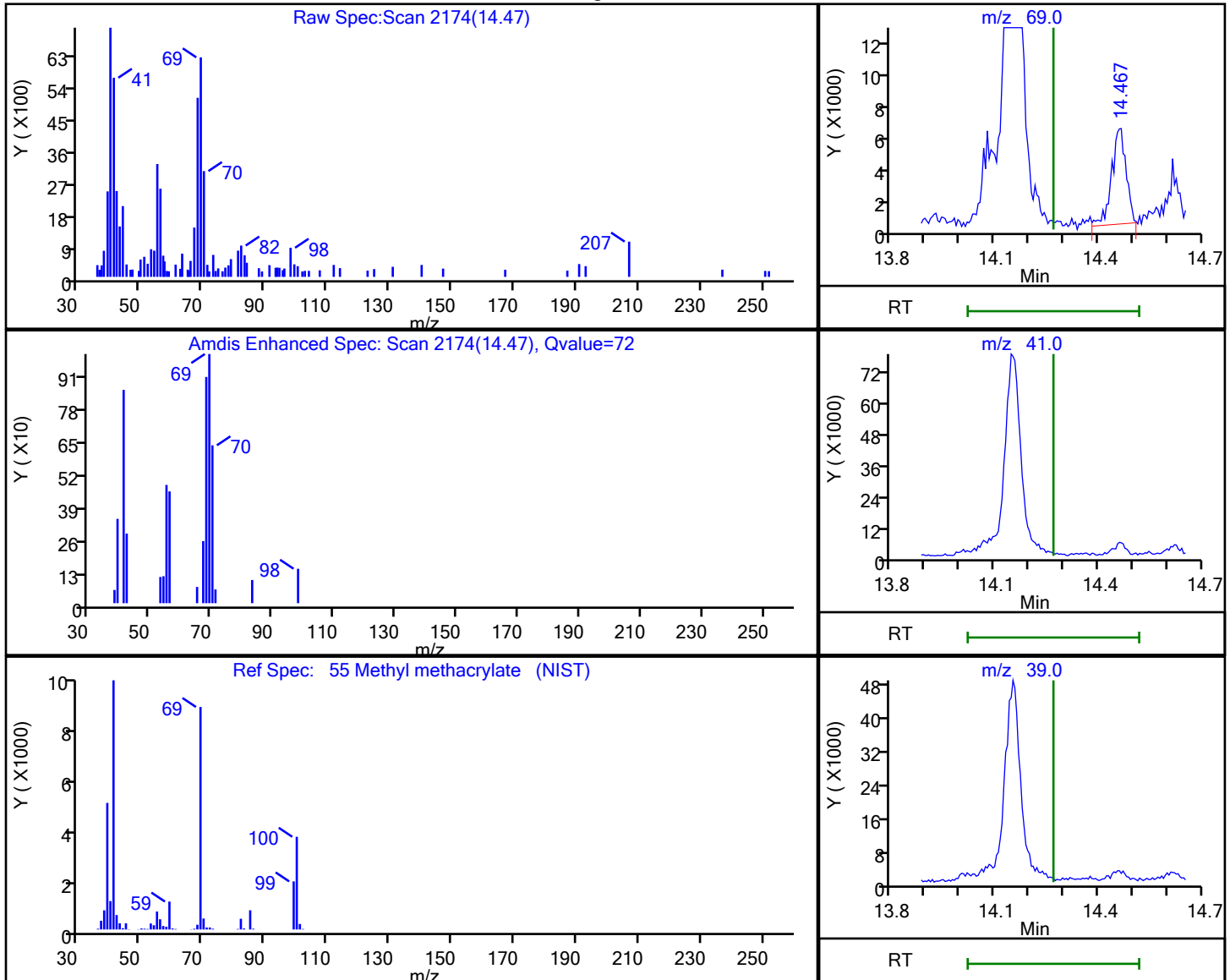
Audit Reason: Assign Peak

## Eurofins TestAmerica, Burlington

Data File: \\chromfs\Burlington\ChromData\CHW.i\20201218-44134.b\44134-021.d  
Injection Date: 19-Dec-2020 02:44:30 Instrument ID: CHW.i  
Lims ID: 200-56451-A-4 Lab Sample ID: 200-56451-4  
Client ID: SG-204  
Operator ID: ggg ALS Bottle#: 20 Worklist Smp#: 21  
Purge Vol: 200.000 mL Dil. Factor: 1.0000  
Method: TO15\_TO3\_MasterMethod\_W 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   |
|-------|-------|----------|----------|
| 14.47 | 69.00 | 17245    | 0.158667 |
| 14.27 | 41.00 | 0        |          |
| 14.27 | 39.00 | 0        |          |

Reviewer: bunmaa, 21-Dec-2020 13:06:33

Audit Action: Marked Compound Undetected

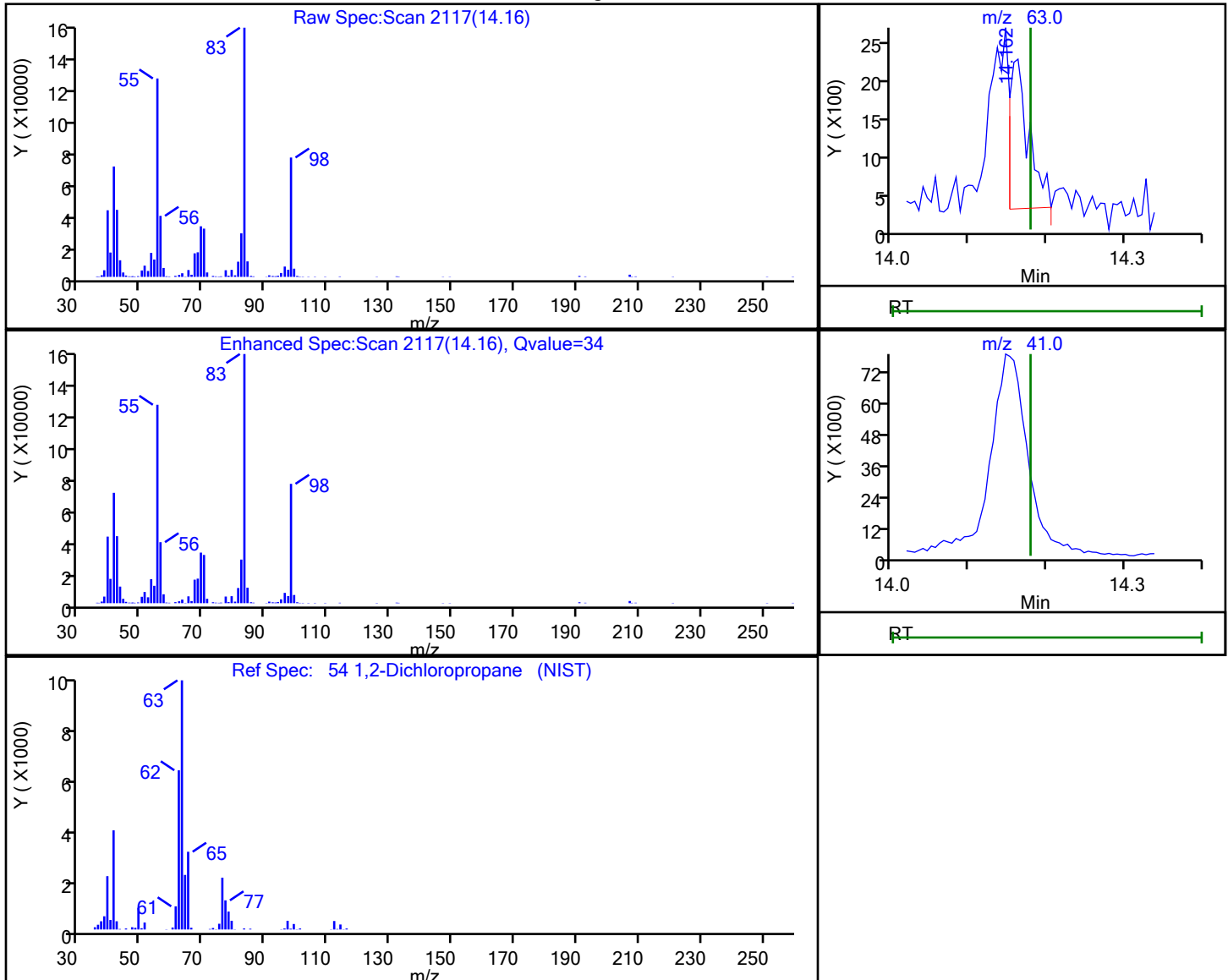
Audit Reason: Invalid Compound ID

## Eurofins TestAmerica, Burlington

Data File: \\chromfs\Burlington\ChromData\CHW.i\20201218-44134.b\44134-021.d  
Injection Date: 19-Dec-2020 02:44:30 Instrument ID: CHW.i  
Lims ID: 200-56451-A-4 Lab Sample ID: 200-56451-4  
Client ID: SG-204  
Operator ID: ggg ALS Bottle#: 20 Worklist Smp#: 21  
Purge Vol: 200.000 mL Dil. Factor: 1.0000  
Method: TO15\_TO3\_MasterMethod\_W Limit Group: AI\_TO15\_ICAL  
Column: RTX-624 ( 0.32 mm) Detector: MS SCAN

## 54 1,2-Dichloropropane, CAS: 78-87-5

## Processing Results



| RT    | Mass  | Response | Amount   |
|-------|-------|----------|----------|
| 14.16 | 63.00 | 3274     | 0.026724 |
| 14.18 | 41.00 | 0        |          |

Reviewer: bunmaa, 21-Dec-2020 13:06:29

Audit Action: Marked Compound Undetected

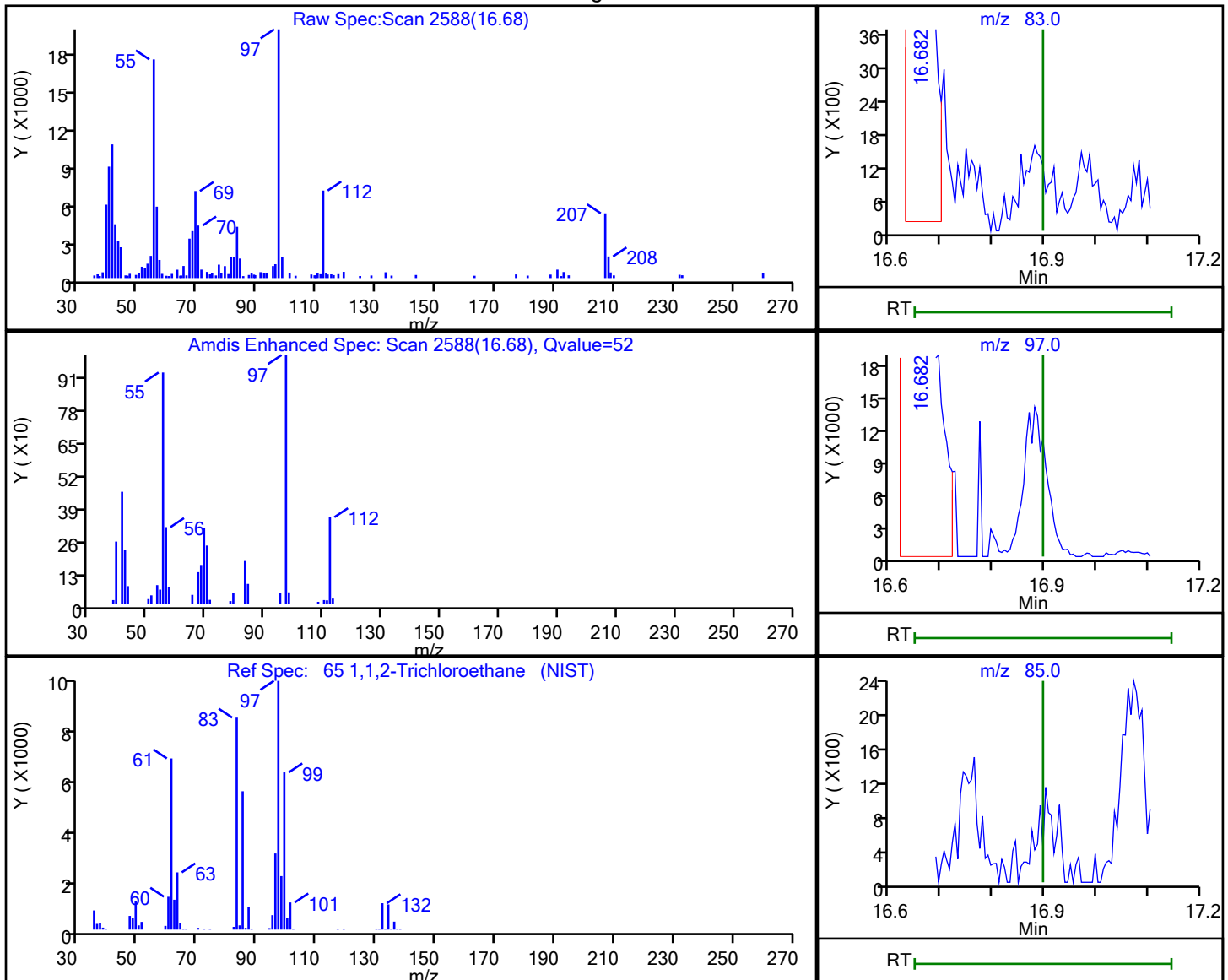
Audit Reason: Invalid Compound ID

## Eurofins TestAmerica, Burlington

Data File: \\chromfs\Burlington\ChromData\CHW.i\20201218-44134.b\44134-021.d  
Injection Date: 19-Dec-2020 02:44:30 Instrument ID: CHW.i  
Lims ID: 200-56451-A-4 Lab Sample ID: 200-56451-4  
Client ID: SG-204  
Operator ID: ggg ALS Bottle#: 20 Worklist Smp#: 21  
Purge Vol: 200.000 mL Dil. Factor: 1.0000  
Method: TO15\_TO3\_MasterMethod\_W Limit Group: AI\_TO15\_ICAL  
Column: RTX-624 ( 0.32 mm) Detector: MS SCAN

## 65 1,1,2-Trichloroethane, CAS: 79-00-5

## Processing Results



| RT    | Mass  | Response | Amount   |
|-------|-------|----------|----------|
| 16.68 | 83.00 | 7853     | 0.068527 |
| 16.68 | 97.00 | 60491    |          |
| 16.90 | 85.00 | 0        |          |

Reviewer: bunmaa, 21-Dec-2020 13:07:05

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

## Eurofins TestAmerica, Burlington

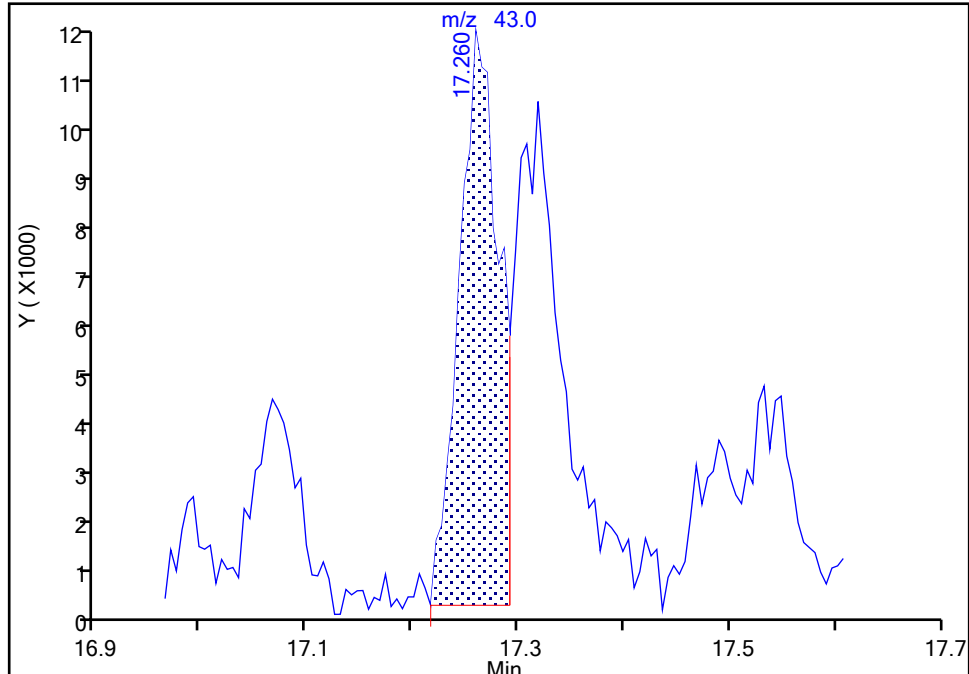
Data File: \\chromfs\Burlington\ChromData\CHW.i\20201218-44134.b\44134-021.d  
Injection Date: 19-Dec-2020 02:44:30 Instrument ID: CHW.i  
Lims ID: 200-56451-A-4 Lab Sample ID: 200-56451-4  
Client ID: SG-204  
Operator ID: ggg ALS Bottle#: 20 Worklist Smp#: 21  
Purge Vol: 200.000 mL Dil. Factor: 1.0000  
Method: TO15\_TO3\_MasterMethod\_W Limit Group: AI\_TO15\_ICAL  
Column: RTX-624 ( 0.32 mm) Detector: MS SCAN

**67 2-Hexanone, CAS: 591-78-6**

Signal: 1

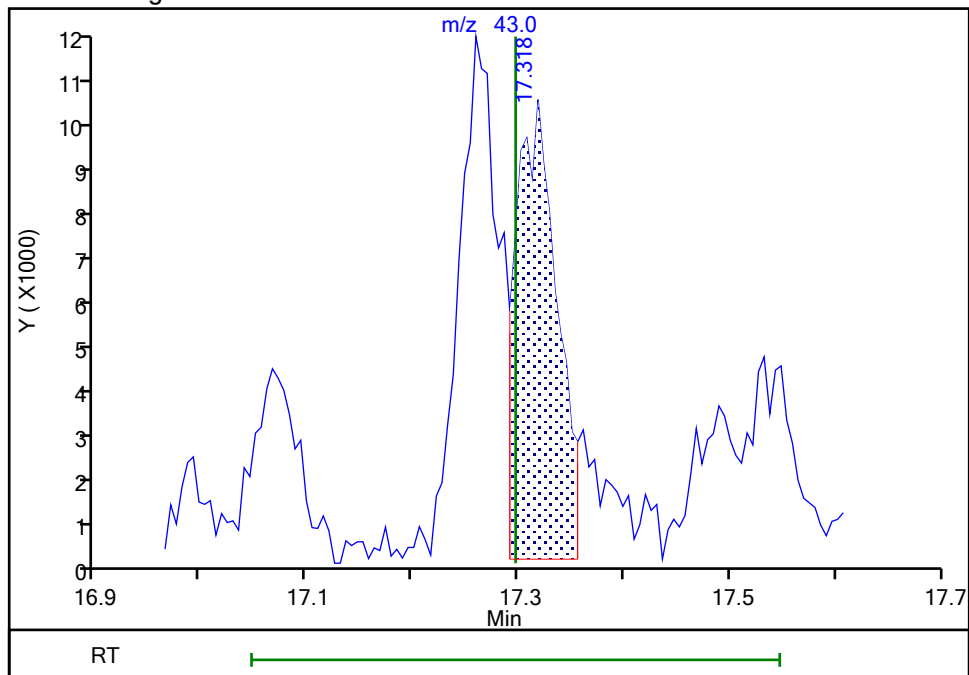
RT: 17.26  
Area: 27969  
Amount: 0.133735  
Amount Units: ppb v/v

## Processing Integration Results



RT: 17.32  
Area: 25876  
Amount: 0.123727  
Amount Units: ppb v/v

## Manual Integration Results



Reviewer: bunmaa, 21-Dec-2020 13:07:23

Audit Action: Manually Integrated

Audit Reason: Assign Peak



## Eurofins TestAmerica, Burlington

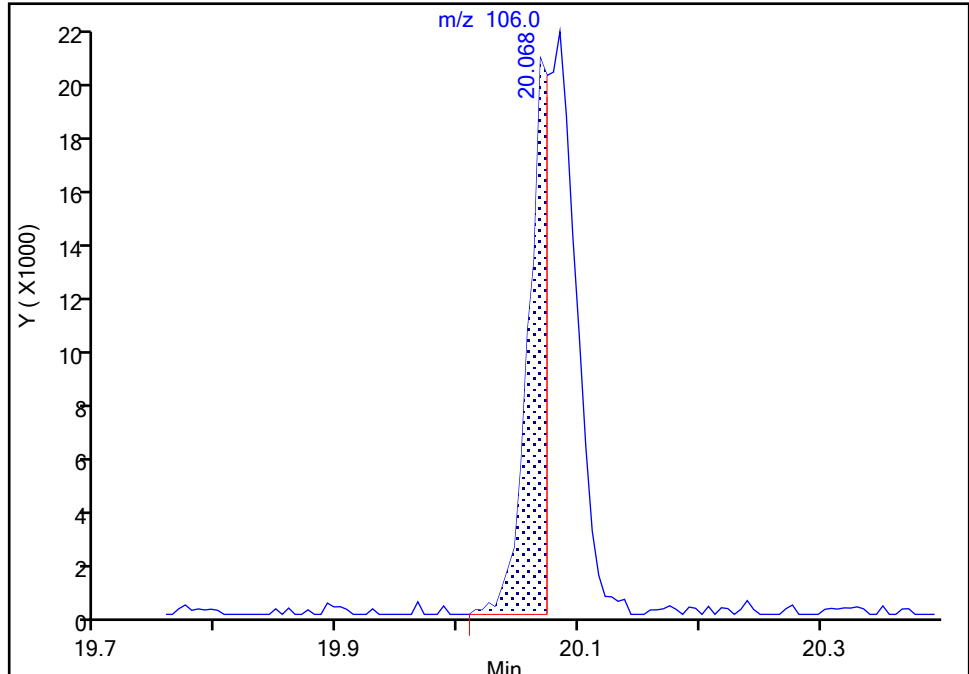
|                 |                                                                   |                |              |
|-----------------|-------------------------------------------------------------------|----------------|--------------|
| Data File:      | \\chromfs\Burlington\ChromData\CHW.i\20201218-44134.b\44134-021.d |                |              |
| Injection Date: | 19-Dec-2020 02:44:30                                              | Instrument ID: | CHW.i        |
| Lims ID:        | 200-56451-A-4                                                     | Lab Sample ID: | 200-56451-4  |
| Client ID:      | SG-204                                                            |                |              |
| Operator ID:    | ggg                                                               | ALS Bottle#:   | 20           |
| Purge Vol:      | 200.000 mL                                                        | Dil. Factor:   | 1.0000       |
| Method:         | TO15_TO3_MasterMethod_W                                           | Limit Group:   | AI_TO15_ICAL |
| Column:         | RTX-624 ( 0.32 mm)                                                | Detector:      | MS SCAN      |
|                 |                                                                   | Worklist Smp#: | 21           |

**76 o-Xylene, CAS: 95-47-6**

Signal: 1

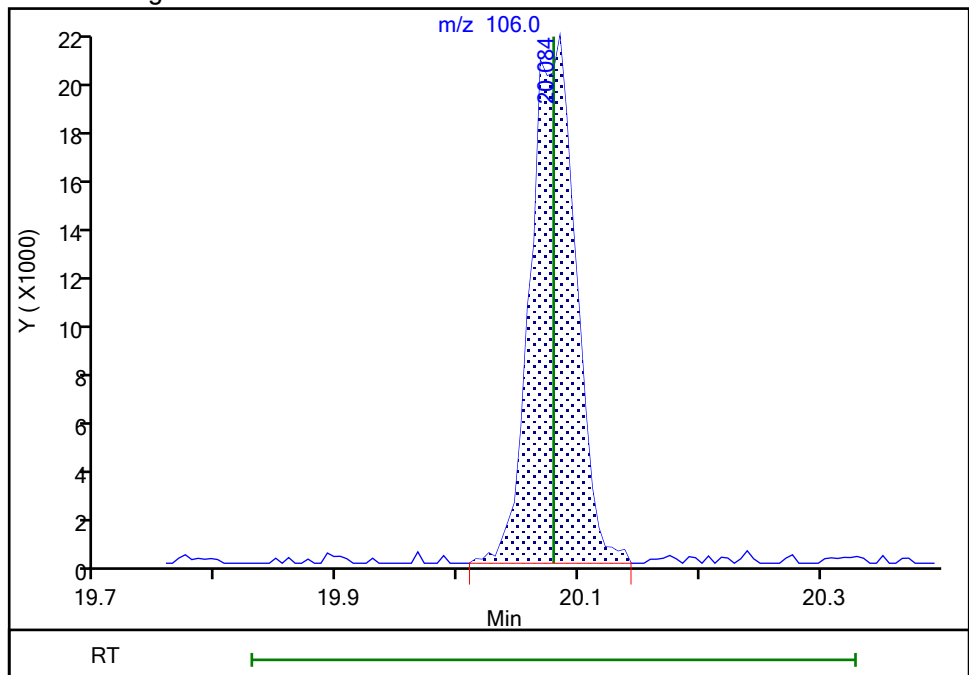
RT: 20.07  
Area: 24763  
Amount: 0.133708  
Amount Units: ppb v/v

## Processing Integration Results



RT: 20.08  
Area: 56588  
Amount: 0.305546  
Amount Units: ppb v/v

## Manual Integration Results



Reviewer: bunmaa, 21-Dec-2020 13:07:53

Audit Action: Manually Integrated

Audit Reason: Assign Peak

## Eurofins TestAmerica, Burlington

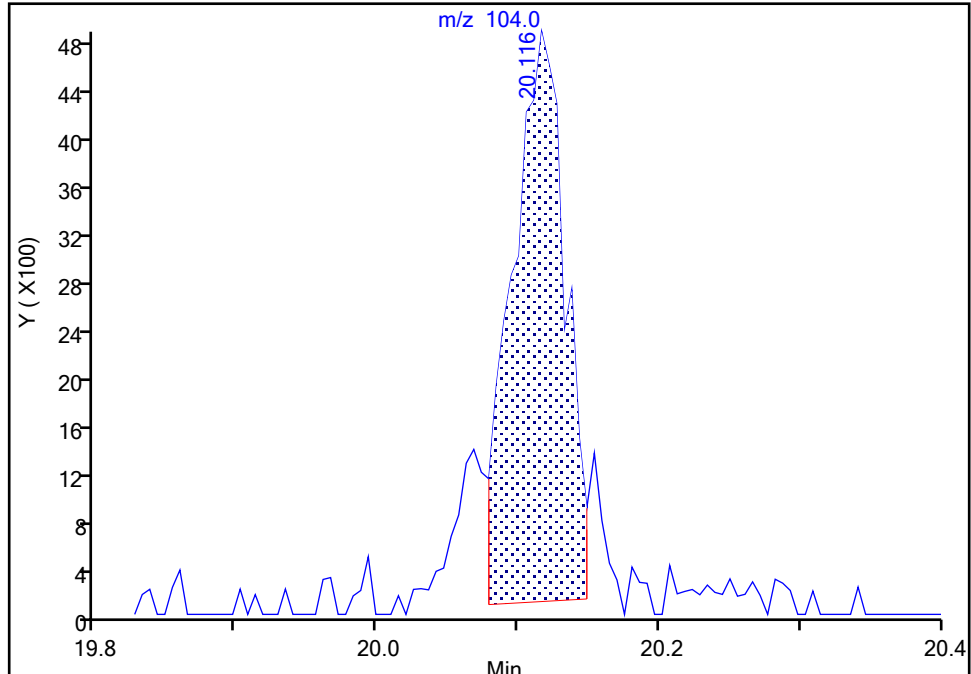
|                 |                                                                   |                |              |
|-----------------|-------------------------------------------------------------------|----------------|--------------|
| Data File:      | \\chromfs\Burlington\ChromData\CHW.i\20201218-44134.b\44134-021.d |                |              |
| Injection Date: | 19-Dec-2020 02:44:30                                              | Instrument ID: | CHW.i        |
| Lims ID:        | 200-56451-A-4                                                     | Lab Sample ID: | 200-56451-4  |
| Client ID:      | SG-204                                                            |                |              |
| Operator ID:    | ggg                                                               | ALS Bottle#:   | 20           |
| Purge Vol:      | 200.000 mL                                                        | Dil. Factor:   | 1.0000       |
| Method:         | TO15_TO3_MasterMethod_W                                           | Limit Group:   | AI_TO15_ICAL |
| Column:         | RTX-624 ( 0.32 mm)                                                | Detector:      | MS SCAN      |
|                 |                                                                   | Worklist Smp#: | 21           |

**78 Styrene, CAS: 100-42-5**

Signal: 1

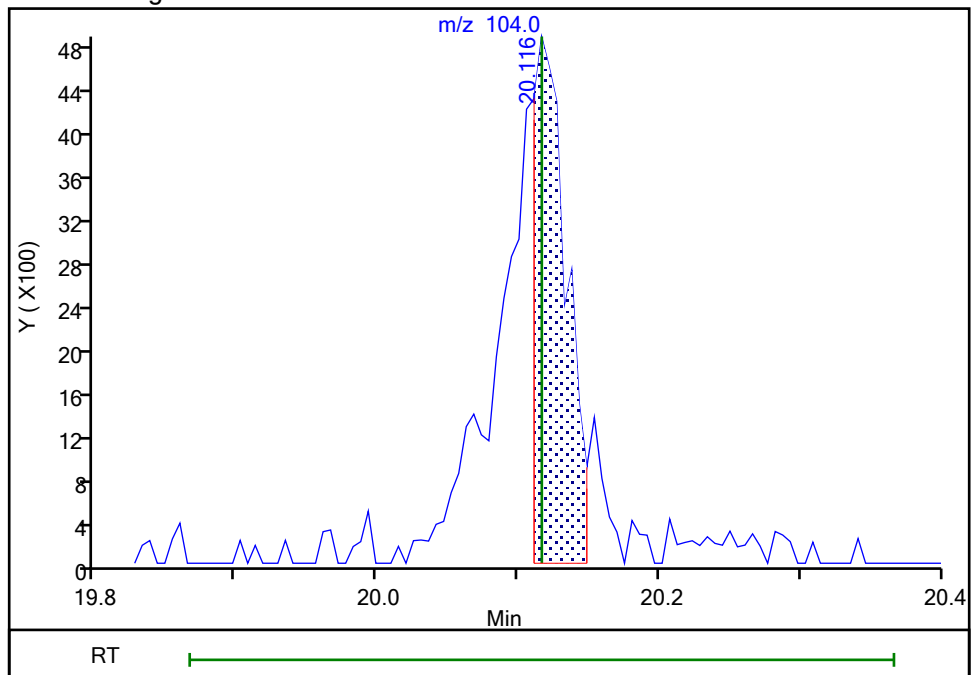
RT: 20.12  
Area: 12692  
Amount: 0.045019  
Amount Units: ppb v/v

## Processing Integration Results



RT: 20.12  
Area: 8178  
Amount: 0.029007  
Amount Units: ppb v/v

## Manual Integration Results



Reviewer: bunmaa, 21-Dec-2020 13:08:11

Audit Action: Manually Integrated

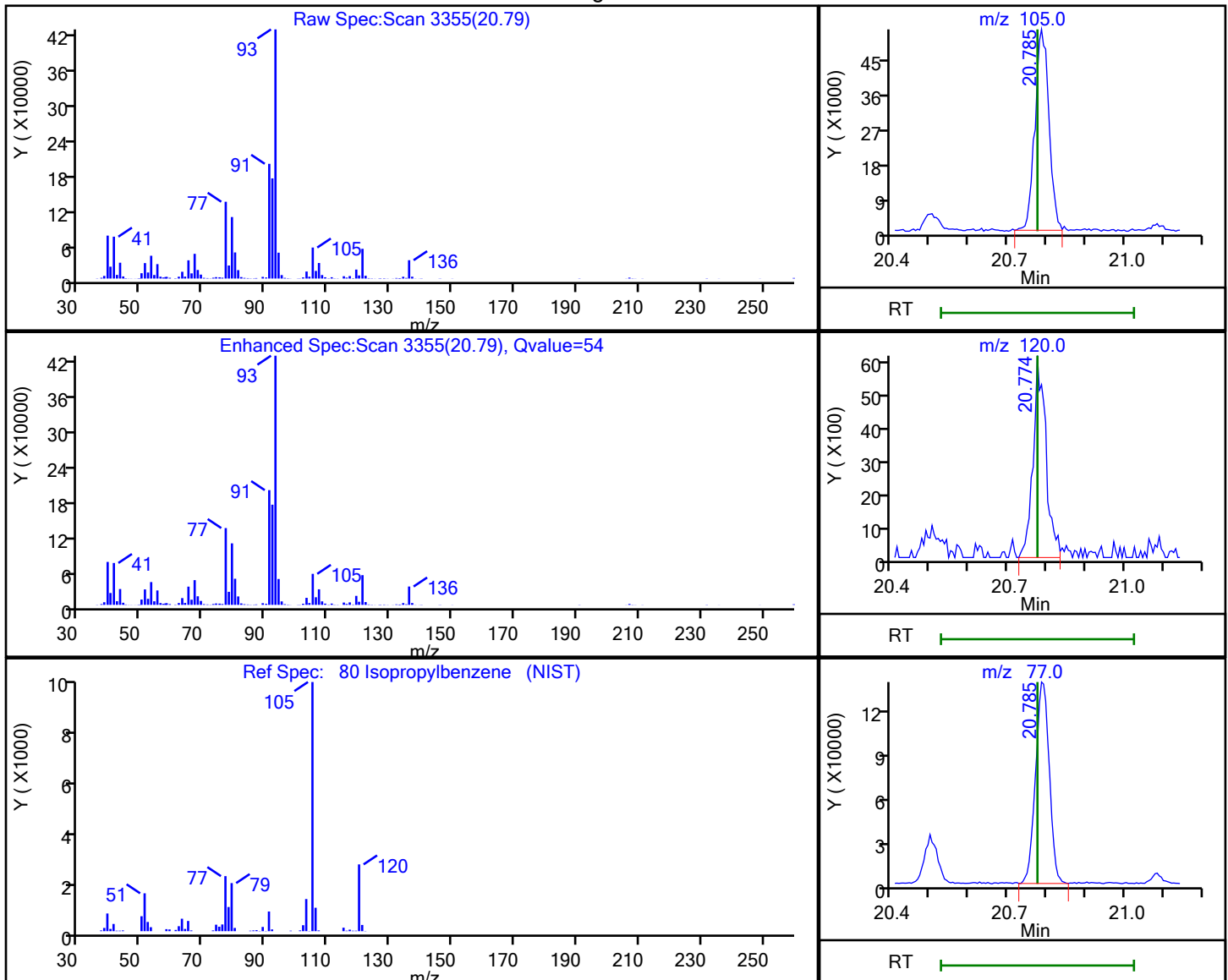
Audit Reason: Assign Peak

## Eurofins TestAmerica, Burlington

Data File: \\chromfs\Burlington\ChromData\CHW.i\20201218-44134.b\44134-021.d  
Injection Date: 19-Dec-2020 02:44:30 Instrument ID: CHW.i  
Lims ID: 200-56451-A-4 Lab Sample ID: 200-56451-4  
Client ID: SG-204  
Operator ID: ggg ALS Bottle#: 20 Worklist Smp#: 21  
Purge Vol: 200.000 mL Dil. Factor: 1.0000  
Method: TO15\_TO3\_MasterMethod\_W Limit Group: AI\_TO15\_ICAL  
Column: RTX-624 ( 0.32 mm) Detector: MS SCAN

## 80 Isopropylbenzene, CAS: 98-82-8

## Processing Results



| RT    | Mass   | Response | Amount   |
|-------|--------|----------|----------|
| 20.79 | 105.00 | 132368   | 0.242963 |
| 20.77 | 120.00 | 14238    |          |
| 20.79 | 77.00  | 323711   |          |

Reviewer: bunmaa, 21-Dec-2020 13:08:27

Audit Action: Marked Compound Undetected

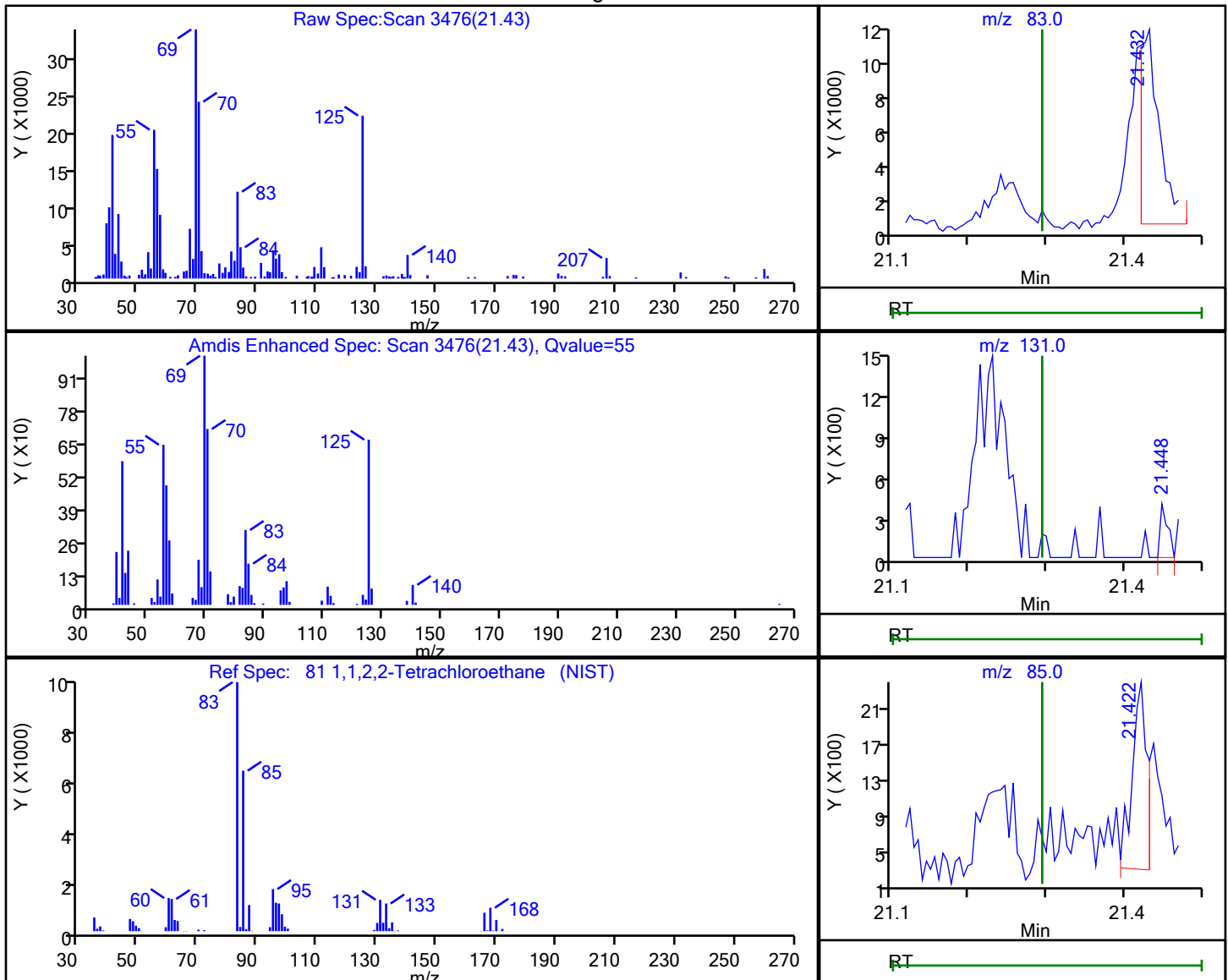
Audit Reason: Invalid Compound ID

## Eurofins TestAmerica, Burlington

Data File: \\chromfs\Burlington\ChromData\CHW.i\20201218-44134.b\44134-021.d  
Injection Date: 19-Dec-2020 02:44:30 Instrument ID: CHW.i  
Lims ID: 200-56451-A-4 Lab Sample ID: 200-56451-4  
Client ID: SG-204  
Operator ID: ggg ALS Bottle#: 20 Worklist Smp#: 21  
Purge Vol: 200.000 mL Dil. Factor: 1.0000  
Method: TO15\_TO3\_MasterMethod\_W Limit Group: AI\_TO15\_ICAL  
Column: RTX-624 ( 0.32 mm) Detector: MS SCAN

## 81 1,1,2,2-Tetrachloroethane, CAS: 79-34-5

## Processing Results



| RT    | Mass   | Response | Amount   |
|-------|--------|----------|----------|
| 21.43 | 83.00  | 18423    | 0.063661 |
| 21.45 | 131.00 | 259      |          |
| 21.42 | 85.00  | 2706     |          |

Reviewer: bunmaa, 21-Dec-2020 13:08:31

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

## Eurofins TestAmerica, Burlington

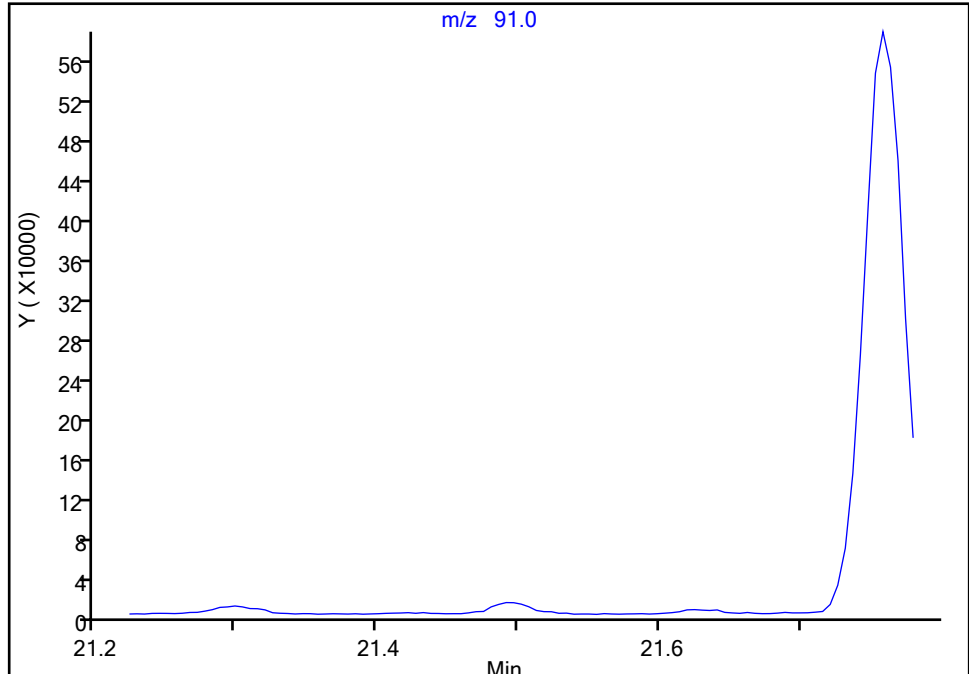
|                 |                                                                   |                |              |
|-----------------|-------------------------------------------------------------------|----------------|--------------|
| Data File:      | \\chromfs\Burlington\ChromData\CHW.i\20201218-44134.b\44134-021.d |                |              |
| Injection Date: | 19-Dec-2020 02:44:30                                              | Instrument ID: | CHW.i        |
| Lims ID:        | 200-56451-A-4                                                     | Lab Sample ID: | 200-56451-4  |
| Client ID:      | SG-204                                                            |                |              |
| Operator ID:    | ggg                                                               | ALS Bottle#:   | 20           |
| Purge Vol:      | 200.000 mL                                                        | Dil. Factor:   | 1.0000       |
| Method:         | TO15_TO3_MasterMethod_W                                           | Limit Group:   | AI_TO15_ICAL |
| Column:         | RTX-624 ( 0.32 mm)                                                | Detector:      | MS SCAN      |
|                 |                                                                   | Worklist Smp#: | 21           |

**83 N-Propylbenzene, CAS: 103-65-1**

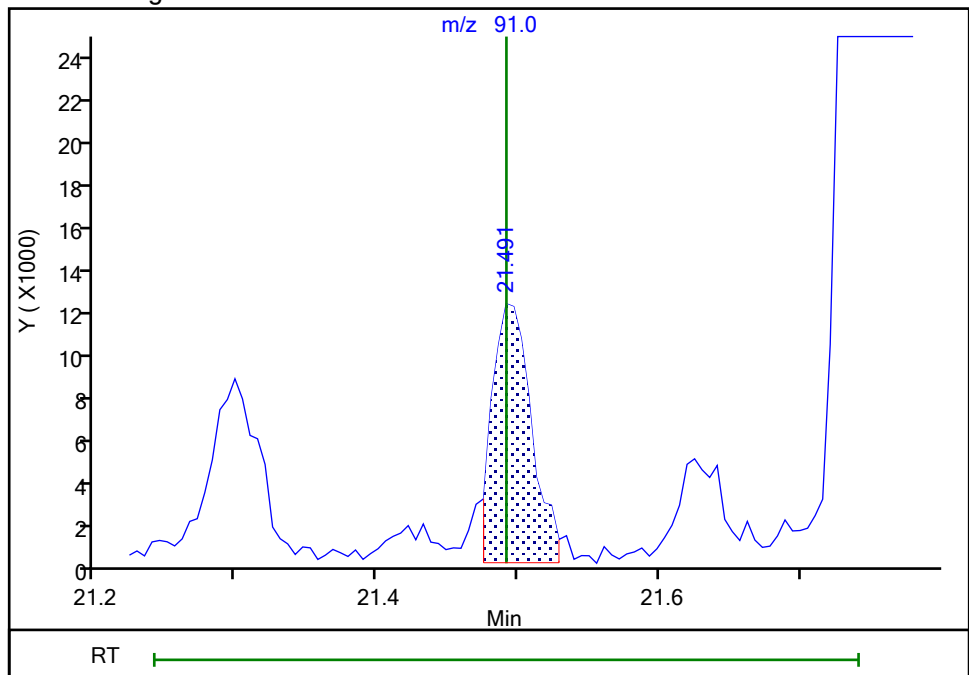
Signal: 1

Not Detected  
Expected RT: 21.49

## Processing Integration Results

RT: 21.49  
Area: 22971  
Amount: 0.035749  
Amount Units: ppb v/v

## Manual Integration Results



Reviewer: bunmaa, 21-Dec-2020 13:08:41

Audit Action: Manually Integrated

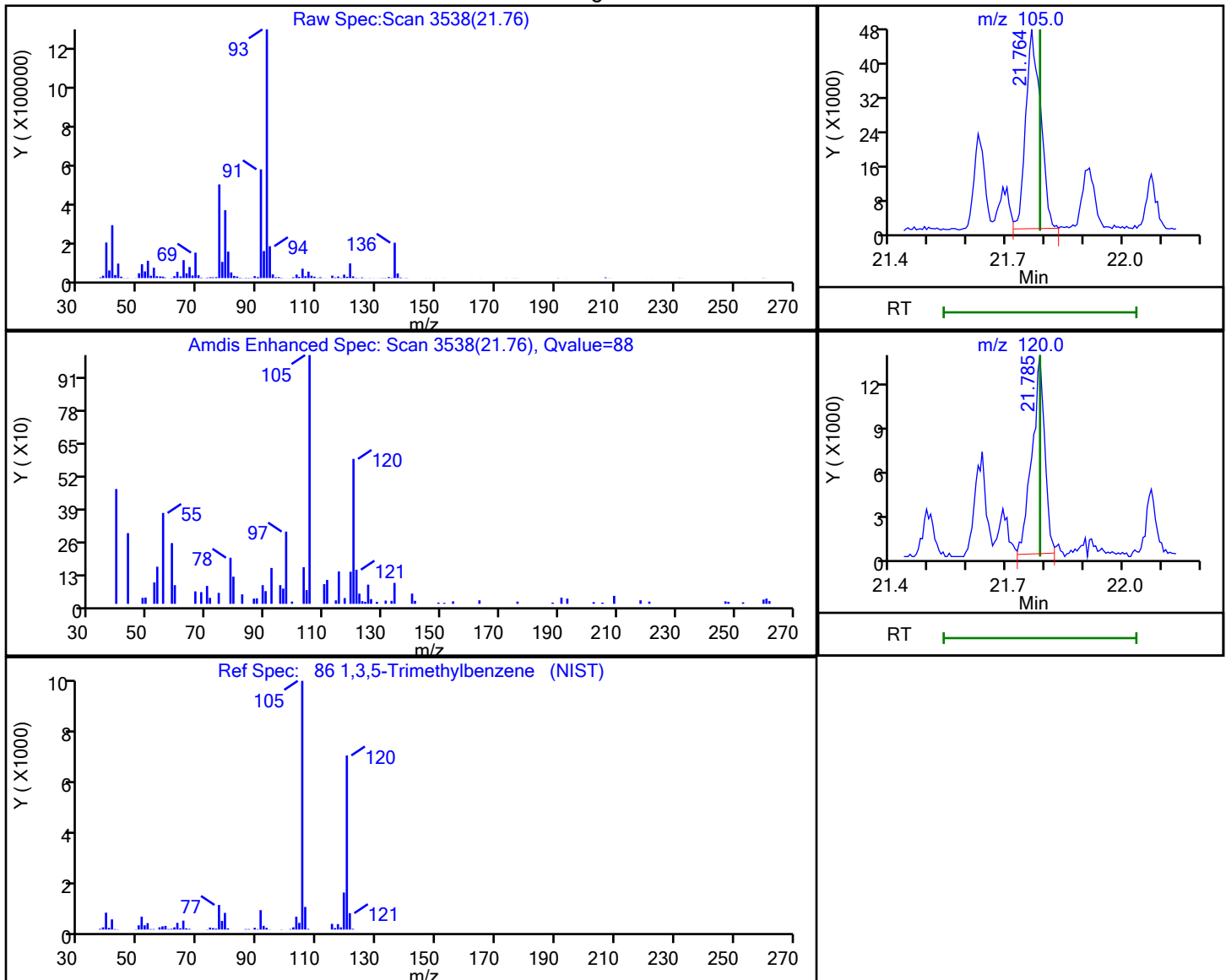
Audit Reason: Assign Peak

## Eurofins TestAmerica, Burlington

Data File: \\chromfs\Burlington\ChromData\CHW.i\20201218-44134.b\44134-021.d  
Injection Date: 19-Dec-2020 02:44:30 Instrument ID: CHW.i  
Lims ID: 200-56451-A-4 Lab Sample ID: 200-56451-4  
Client ID: SG-204  
Operator ID: ggg ALS Bottle#: 20 Worklist Smp#: 21  
Purge Vol: 200.000 mL Dil. Factor: 1.0000  
Method: TO15\_TO3\_MasterMethod\_W Limit Group: AI\_TO15\_ICAL  
Column: RTX-624 ( 0.32 mm) Detector: MS SCAN

## 86 1,3,5-Trimethylbenzene, CAS: 108-67-8

## Processing Results



| RT    | Mass   | Response | Amount   |
|-------|--------|----------|----------|
| 21.76 | 105.00 | 123962   | 0.273133 |
| 21.79 | 120.00 | 30062    |          |

Reviewer: bunmaa, 21-Dec-2020 13:09:36

Audit Action: Marked Compound Undetected

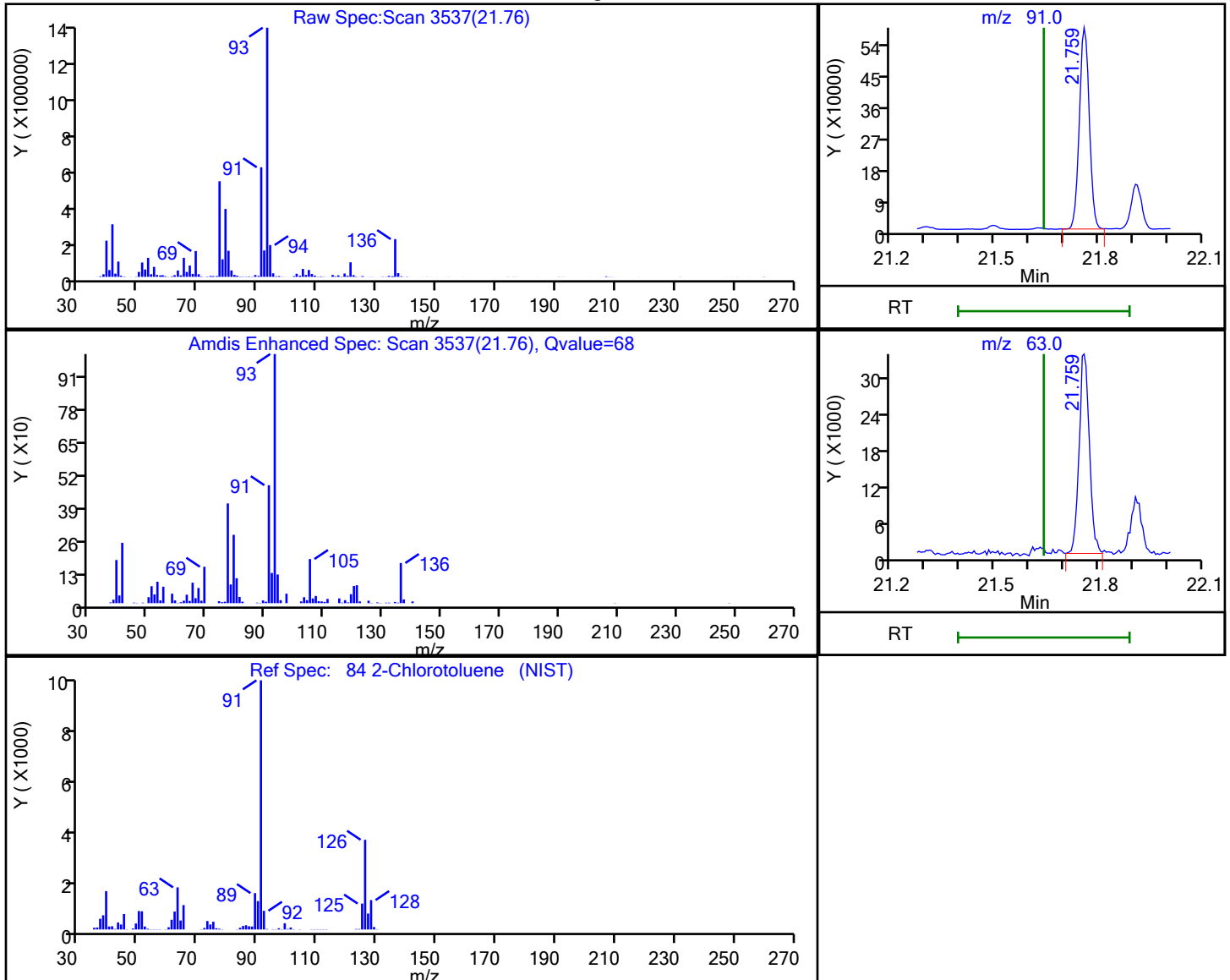
Audit Reason: Invalid Compound ID

## Eurofins TestAmerica, Burlington

Data File: \\chromfs\Burlington\ChromData\CHW.i\20201218-44134.b\44134-021.d  
Injection Date: 19-Dec-2020 02:44:30 Instrument ID: CHW.i  
Lims ID: 200-56451-A-4 Lab Sample ID: 200-56451-4  
Client ID: SG-204  
Operator ID: ggg ALS Bottle#: 20 Worklist Smp#: 21  
Purge Vol: 200.000 mL Dil. Factor: 1.0000  
Method: TO15\_TO3\_MasterMethod\_W Limit Group: AI\_TO15\_ICAL  
Column: RTX-624 ( 0.32 mm) Detector: MS SCAN

## 84 2-Chlorotoluene, CAS: 95-49-8

## Processing Results



| RT    | Mass  | Response | Amount   |
|-------|-------|----------|----------|
| 21.76 | 91.00 | 1166525  | 2.858720 |
| 21.76 | 63.00 | 69410    |          |

Reviewer: bunmaa, 21-Dec-2020 13:08:54

Audit Action: Marked Compound Undetected

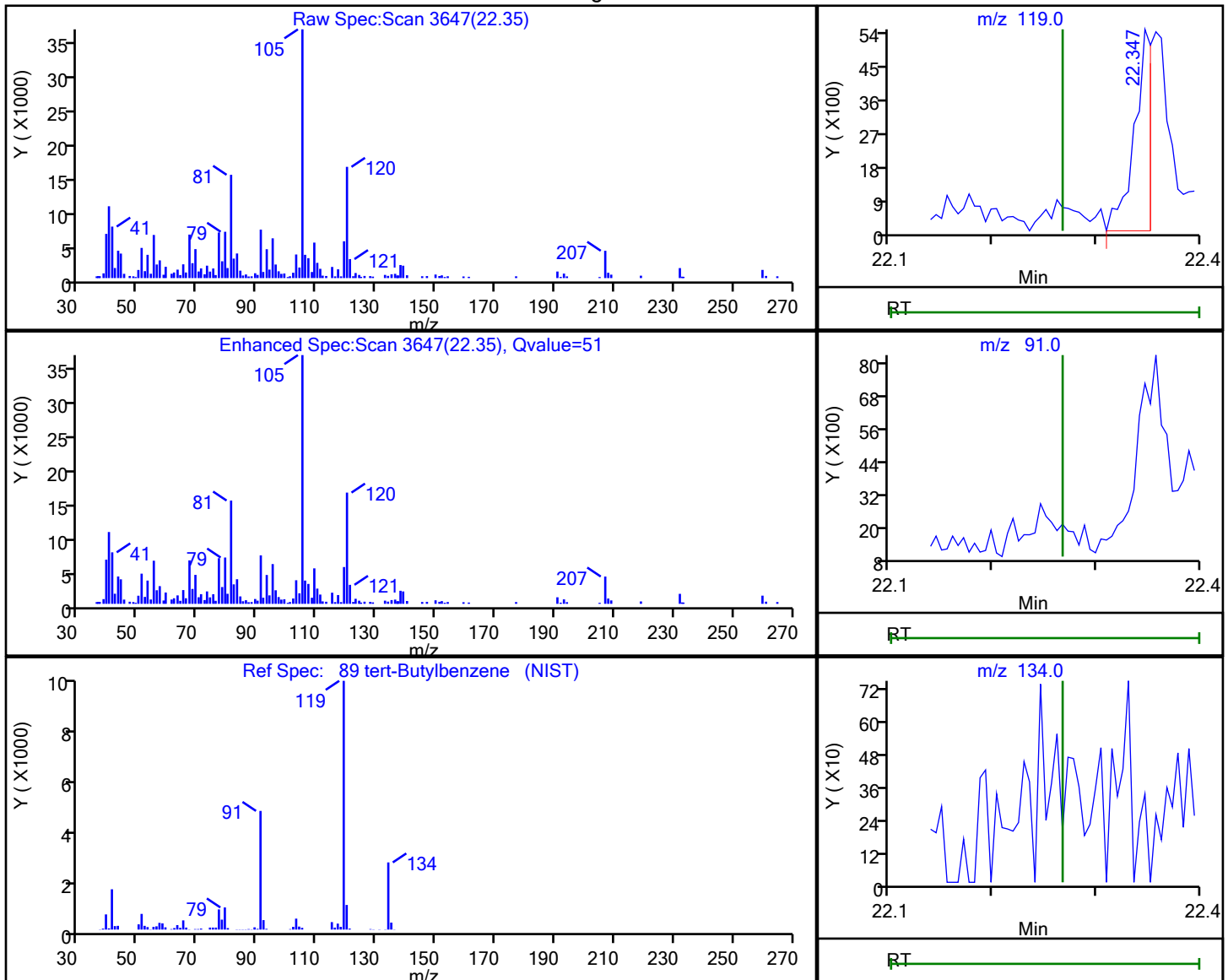
Audit Reason: Invalid Compound ID

## Eurofins TestAmerica, Burlington

Data File: \\chromfs\Burlington\ChromData\CHW.i\20201218-44134.b\44134-021.d  
Injection Date: 19-Dec-2020 02:44:30 Instrument ID: CHW.i  
Lims ID: 200-56451-A-4 Lab Sample ID: 200-56451-4  
Client ID: SG-204  
Operator ID: ggg ALS Bottle#: 20 Worklist Smp#: 21  
Purge Vol: 200.000 mL Dil. Factor: 1.0000  
Method: TO15\_TO3\_MasterMethod\_W Limit Group: AI\_TO15\_ICAL  
Column: RTX-624 ( 0.32 mm) Detector: MS SCAN

## 89 tert-Butylbenzene, CAS: 98-06-6

## Processing Results



| RT    | Mass   | Response | Amount   |
|-------|--------|----------|----------|
| 22.35 | 119.00 | 6355     | 0.013659 |
| 22.27 | 91.00  | 0        |          |
| 22.27 | 134.00 | 0        |          |

Reviewer: bunmaa, 21-Dec-2020 13:09:40

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

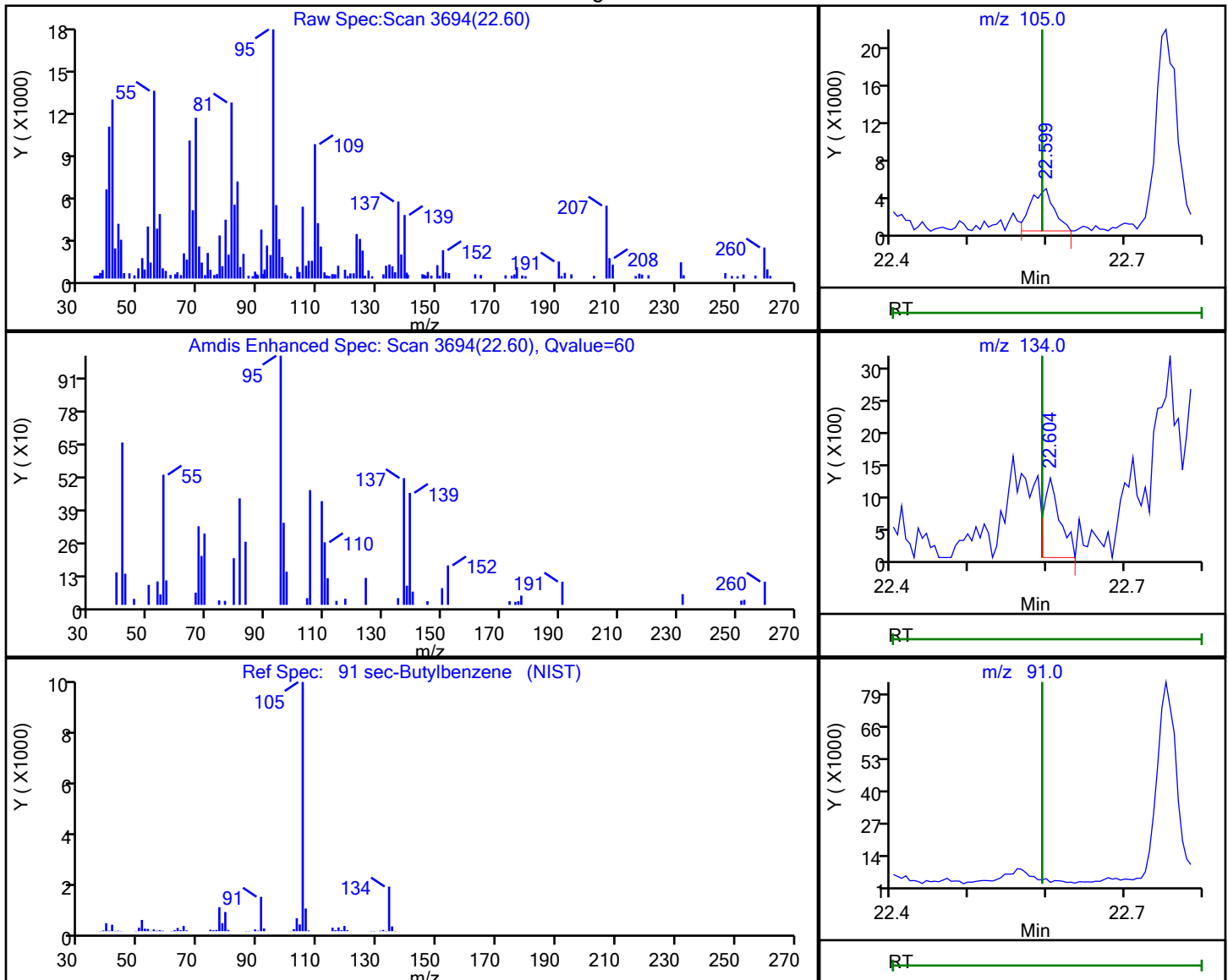


## Eurofins TestAmerica, Burlington

Data File: \\chromfs\Burlington\ChromData\CHW.i\20201218-44134.b\44134-021.d  
Injection Date: 19-Dec-2020 02:44:30 Instrument ID: CHW.i  
Lims ID: 200-56451-A-4 Lab Sample ID: 200-56451-4  
Client ID: SG-204  
Operator ID: ggg ALS Bottle#: 20 Worklist Smp#: 21  
Purge Vol: 200.000 mL Dil. Factor: 1.0000  
Method: TO15\_TO3\_MasterMethod\_W Limit Group: AI\_TO15\_ICAL  
Column: RTX-624 ( 0.32 mm) Detector MS SCAN

## 91 sec-Butylbenzene, CAS: 135-98-8

## Processing Results



| RT    | Mass   | Response | Amount   |
|-------|--------|----------|----------|
| 22.60 | 105.00 | 9274     | 0.013764 |
| 22.60 | 134.00 | 1786     |          |
| 22.59 | 91.00  | 0        |          |

Reviewer: bunmaa, 21-Dec-2020 13:09:58

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

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

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-56451-1  
 SDG No.: 200-56451-1  
 Client Sample ID: SG-205 Lab Sample ID: 200-56451-5  
 Matrix: Air Lab File ID: 44134-022.d  
 Analysis Method: TO-15 Date Collected: 12/09/2020 14:53  
 Sample wt/vol: 200 (mL) Date Analyzed: 12/19/2020 03:40  
 Soil Aliquot Vol: \_\_\_\_\_ Dilution Factor: 1  
 Soil Extract Vol.: \_\_\_\_\_ GC Column: RTX-624 ID: 0.32 (mm)  
 % Moisture: \_\_\_\_\_ Level: (low/med) Low  
 Analysis Batch No.: 162240 Units: ug/m3

| CAS NO.   | COMPOUND NAME                    | MOLECULAR WEIGHT | RESULT | Q | RL   | MDL  |
|-----------|----------------------------------|------------------|--------|---|------|------|
| 75-71-8   | Dichlorodifluoromethane          | 120.91           | 1.7    | J | 2.5  | 0.54 |
| 75-45-6   | Chlorodifluoromethane            | 86.47            | 1.8    | U | 1.8  | 0.42 |
| 76-14-2   | 1,2-Dichlorotetrafluoroethane    | 170.92           | 1.4    | U | 1.4  | 0.24 |
| 74-87-3   | Chloromethane                    | 50.49            | 0.77   | J | 1.0  | 0.23 |
| 106-97-8  | <i>n</i> -Butane                 | 58.12            | 110    | E | 1.2  | 0.26 |
| 75-01-4   | Vinyl chloride                   | 62.50            | 0.20   | U | 0.20 | 0.11 |
| 106-99-0  | 1,3-Butadiene                    | 54.09            | 17     |   | 0.44 | 0.13 |
| 74-83-9   | Bromomethane                     | 94.94            | 0.78   | U | 0.78 | 0.20 |
| 75-00-3   | Chloroethane                     | 64.52            | 0.21   | J | 1.3  | 0.14 |
| 593-60-2  | Bromoethene (Vinyl Bromide)      | 106.96           | 0.87   | U | 0.87 | 0.23 |
| 75-69-4   | Trichlorofluoromethane           | 137.37           | 1.1    |   | 1.1  | 0.34 |
| 76-13-1   | 1,1,2-Trichlorotrifluoroethane   | 187.38           | 1.0    | J | 1.5  | 0.29 |
| 75-35-4   | 1,1-Dichloroethene               | 96.94            | 0.20   | U | 0.20 | 0.15 |
| 67-64-1   | Acetone                          | 58.08            | 24     |   | 12   | 2.9  |
| 67-63-0   | Isopropyl alcohol                | 60.10            | 12     | U | 12   | 1.2  |
| 75-15-0   | Carbon disulfide                 | 76.14            | 12     |   | 1.6  | 0.23 |
| 107-05-1  | 3-Chloropropene                  | 76.53            | 1.6    | U | 1.6  | 0.20 |
| 75-09-2   | Methylene Chloride               | 84.93            | 1.4    | J | 1.7  | 0.94 |
| 75-65-0   | tert-Butyl alcohol               | 74.12            | 0.41   | J | 15   | 0.12 |
| 1634-04-4 | Methyl tert-butyl ether          | 88.15            | 0.72   | U | 0.72 | 0.12 |
| 156-60-5  | trans-1,2-Dichloroethene         | 96.94            | 0.79   | U | 0.79 | 0.17 |
| 110-54-3  | <i>n</i> -Hexane                 | 86.17            | 34     |   | 0.70 | 0.70 |
| 75-34-3   | 1,1-Dichloroethane               | 98.96            | 0.81   | U | 0.81 | 0.17 |
| 78-93-3   | Methyl Ethyl Ketone (2-Butanone) | 72.11            | 6.5    |   | 1.5  | 0.21 |
| 156-59-2  | cis-1,2-Dichloroethene           | 96.94            | 0.20   | U | 0.20 | 0.18 |
| 67-66-3   | Chloroform                       | 119.38           | 0.46   | J | 0.98 | 0.16 |
| 109-99-9  | Tetrahydrofuran                  | 72.11            | 15     | U | 15   | 0.19 |
| 71-55-6   | 1,1,1-Trichloroethane            | 133.41           | 3.4    |   | 1.1  | 0.20 |
| 110-82-7  | Cyclohexane                      | 84.16            | 13     |   | 0.69 | 0.16 |
| 56-23-5   | Carbon tetrachloride             | 153.81           | 0.39   |   | 0.22 | 0.15 |
| 540-84-1  | 2,2,4-Trimethylpentane           | 114.23           | 15     |   | 0.93 | 0.19 |
| 71-43-2   | Benzene                          | 78.11            | 19     |   | 0.64 | 0.21 |
| 107-06-2  | 1,2-Dichloroethane               | 98.96            | 0.81   | U | 0.81 | 0.13 |

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

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-56451-1  
 SDG No.: 200-56451-1  
 Client Sample ID: SG-205 Lab Sample ID: 200-56451-5  
 Matrix: Air Lab File ID: 44134-022.d  
 Analysis Method: TO-15 Date Collected: 12/09/2020 14:53  
 Sample wt/vol: 200 (mL) Date Analyzed: 12/19/2020 03:40  
 Soil Aliquot Vol: \_\_\_\_\_ Dilution Factor: 1  
 Soil Extract Vol.: \_\_\_\_\_ GC Column: RTX-624 ID: 0.32 (mm)  
 % Moisture: \_\_\_\_\_ Level: (low/med) Low  
 Analysis Batch No.: 162240 Units: ug/m3

| CAS NO.     | COMPOUND NAME                                    | MOLECULAR WEIGHT | RESULT | Q | RL   | MDL  |
|-------------|--------------------------------------------------|------------------|--------|---|------|------|
| 142-82-5    | n-Heptane                                        | 100.21           | 38     |   | 0.82 | 0.23 |
| 79-01-6     | Trichloroethene                                  | 131.39           | 69     |   | 0.20 | 0.19 |
| 80-62-6     | Methyl methacrylate                              | 100.12           | 2.0    | U | 2.0  | 0.14 |
| 78-87-5     | 1,2-Dichloropropane                              | 112.99           | 0.92   | U | 0.92 | 0.15 |
| 123-91-1    | 1,4-Dioxane                                      | 88.11            | 18     | U | 18   | 0.30 |
| 75-27-4     | Bromodichloromethane                             | 163.83           | 1.3    | U | 1.3  | 0.23 |
| 10061-01-5  | cis-1,3-Dichloropropene                          | 110.97           | 0.91   | U | 0.91 | 0.15 |
| 108-10-1    | 4-Methyl-2-pentanone<br>(Methyl isobutyl ketone) | 100.16           | 2.6    |   | 2.0  | 0.15 |
| 108-88-3    | Toluene                                          | 92.14            | 88     |   | 0.75 | 0.41 |
| 10061-02-6  | trans-1,3-Dichloropropene                        | 110.97           | 0.91   | U | 0.91 | 0.18 |
| 79-00-5     | 1,1,2-Trichloroethane                            | 133.41           | 1.1    | U | 1.1  | 0.20 |
| 127-18-4    | Tetrachloroethene                                | 165.83           | 1000   | E | 1.4  | 0.22 |
| 591-78-6    | Methyl Butyl Ketone<br>(2-Hexanone)              | 100.20           | 2.3    |   | 2.0  | 0.20 |
| 124-48-1    | Dibromochloromethane                             | 208.28           | 1.7    | U | 1.7  | 0.31 |
| 106-93-4    | 1,2-Dibromoethane                                | 187.87           | 1.5    | U | 1.5  | 0.38 |
| 108-90-7    | Chlorobenzene                                    | 112.56           | 0.92   | U | 0.92 | 0.26 |
| 100-41-4    | Ethylbenzene                                     | 106.17           | 23     |   | 0.87 | 0.27 |
| 179601-23-1 | m,p-Xylene                                       | 106.17           | 95     |   | 2.2  | 0.43 |
| 95-47-6     | o-Xylene                                         | 106.17           | 29     |   | 0.87 | 0.21 |
| 100-42-5    | Styrene                                          | 104.15           | 0.32   | J | 0.85 | 0.17 |
| 75-25-2     | Bromoform                                        | 252.75           | 2.1    | U | 2.1  | 0.50 |
| 98-82-8     | Cumene                                           | 120.19           | 3.1    |   | 0.98 | 0.17 |
| 79-34-5     | 1,1,2,2-Tetrachloroethane                        | 167.85           | 1.4    | U | 1.4  | 0.29 |
| 103-65-1    | n-Propylbenzene                                  | 120.19           | 5.6    |   | 0.98 | 0.19 |
| 622-96-8    | 4-Ethyltoluene                                   | 120.20           | 6.8    |   | 0.98 | 0.20 |
| 108-67-8    | 1,3,5-Trimethylbenzene                           | 120.20           | 10     |   | 0.98 | 0.19 |
| 95-49-8     | 2-Chlorotoluene                                  | 126.59           | 1.0    | U | 1.0  | 0.22 |
| 98-06-6     | tert-Butylbenzene                                | 134.22           | 1.1    | U | 1.1  | 0.19 |
| 95-63-6     | 1,2,4-Trimethylbenzene                           | 120.20           | 21     |   | 0.98 | 0.22 |
| 135-98-8    | sec-Butylbenzene                                 | 134.22           | 0.98   | J | 1.1  | 0.19 |
| 99-87-6     | 4-Isopropyltoluene                               | 134.22           | 0.94   | J | 1.1  | 0.21 |
| 541-73-1    | 1,3-Dichlorobenzene                              | 147.00           | 1.2    | U | 1.2  | 0.66 |
| 106-46-7    | 1,4-Dichlorobenzene                              | 147.00           | 1.2    | U | 1.2  | 0.72 |

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

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-56451-1  
SDG No.: 200-56451-1  
Client Sample ID: SG-205 Lab Sample ID: 200-56451-5  
Matrix: Air Lab File ID: 44134-022.d  
Analysis Method: TO-15 Date Collected: 12/09/2020 14:53  
Sample wt/vol: 200 (mL) Date Analyzed: 12/19/2020 03:40  
Soil Aliquot Vol: \_\_\_\_\_ Dilution Factor: 1  
Soil Extract Vol.: \_\_\_\_\_ GC Column: RTX-624 ID: 0.32 (mm)  
% Moisture: \_\_\_\_\_ Level: (low/med) Low  
Analysis Batch No.: 162240 Units: ug/m3

| CAS NO.  | COMPOUND NAME          | MOLECULAR WEIGHT | RESULT | Q | RL  | MDL  |
|----------|------------------------|------------------|--------|---|-----|------|
| 100-44-7 | Benzyl chloride        | 126.58           | 1.0    | U | 1.0 | 0.44 |
| 104-51-8 | n-Butylbenzene         | 134.22           | 0.99   | J | 1.1 | 0.21 |
| 95-50-1  | 1,2-Dichlorobenzene    | 147.00           | 1.2    | U | 1.2 | 0.58 |
| 120-82-1 | 1,2,4-Trichlorobenzene | 181.45           | 3.7    | U | 3.7 | 1.6  |
| 87-68-3  | Hexachlorobutadiene    | 260.76           | 2.1    | U | 2.1 | 0.81 |
| 91-20-3  | Naphthalene            | 128.17           | 2.6    | U | 2.6 | 0.89 |

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

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-56451-1  
 SDG No.: 200-56451-1  
 Client Sample ID: SG-205 Lab Sample ID: 200-56451-5  
 Matrix: Air Lab File ID: 44134-022.d  
 Analysis Method: TO-15 Date Collected: 12/09/2020 14:53  
 Sample wt/vol: 200 (mL) Date Analyzed: 12/19/2020 03:40  
 Soil Aliquot Vol: \_\_\_\_\_ Dilution Factor: 1  
 Soil Extract Vol.: \_\_\_\_\_ GC Column: RTX-624 ID: 0.32 (mm)  
 % Moisture: \_\_\_\_\_ Level: (low/med) Low  
 Analysis Batch No.: 162240 Units: ppb v/v

| CAS NO.   | COMPOUND NAME                    | MOLECULAR WEIGHT | RESULT | Q | RL    | MDL   |
|-----------|----------------------------------|------------------|--------|---|-------|-------|
| 75-71-8   | Dichlorodifluoromethane          | 120.91           | 0.35   | J | 0.50  | 0.11  |
| 75-45-6   | Chlorodifluoromethane            | 86.47            | 0.50   | U | 0.50  | 0.12  |
| 76-14-2   | 1,2-Dichlorotetrafluoroethane    | 170.92           | 0.20   | U | 0.20  | 0.035 |
| 74-87-3   | Chloromethane                    | 50.49            | 0.37   | J | 0.50  | 0.11  |
| 106-97-8  | <i>n</i> -Butane                 | 58.12            | 45     | E | 0.50  | 0.11  |
| 75-01-4   | Vinyl chloride                   | 62.50            | 0.078  | U | 0.078 | 0.044 |
| 106-99-0  | 1,3-Butadiene                    | 54.09            | 7.7    |   | 0.20  | 0.057 |
| 74-83-9   | Bromomethane                     | 94.94            | 0.20   | U | 0.20  | 0.051 |
| 75-00-3   | Chloroethane                     | 64.52            | 0.079  | J | 0.50  | 0.054 |
| 593-60-2  | Bromoethene (Vinyl Bromide)      | 106.96           | 0.20   | U | 0.20  | 0.052 |
| 75-69-4   | Trichlorofluoromethane           | 137.37           | 0.20   |   | 0.20  | 0.060 |
| 76-13-1   | 1,1,2-Trichlorotrifluoroethane   | 187.38           | 0.13   | J | 0.20  | 0.038 |
| 75-35-4   | 1,1-Dichloroethene               | 96.94            | 0.050  | U | 0.050 | 0.039 |
| 67-64-1   | Acetone                          | 58.08            | 9.9    |   | 5.0   | 1.2   |
| 67-63-0   | Isopropyl alcohol                | 60.10            | 5.0    | U | 5.0   | 0.48  |
| 75-15-0   | Carbon disulfide                 | 76.14            | 3.7    |   | 0.50  | 0.074 |
| 107-05-1  | 3-Chloropropene                  | 76.53            | 0.50   | U | 0.50  | 0.064 |
| 75-09-2   | Methylene Chloride               | 84.93            | 0.41   | J | 0.50  | 0.27  |
| 75-65-0   | tert-Butyl alcohol               | 74.12            | 0.14   | J | 5.0   | 0.038 |
| 1634-04-4 | Methyl tert-butyl ether          | 88.15            | 0.20   | U | 0.20  | 0.033 |
| 156-60-5  | trans-1,2-Dichloroethene         | 96.94            | 0.20   | U | 0.20  | 0.042 |
| 110-54-3  | <i>n</i> -Hexane                 | 86.17            | 9.7    |   | 0.20  | 0.20  |
| 75-34-3   | 1,1-Dichloroethane               | 98.96            | 0.20   | U | 0.20  | 0.041 |
| 78-93-3   | Methyl Ethyl Ketone (2-Butanone) | 72.11            | 2.2    |   | 0.50  | 0.072 |
| 156-59-2  | cis-1,2-Dichloroethene           | 96.94            | 0.050  | U | 0.050 | 0.045 |
| 67-66-3   | Chloroform                       | 119.38           | 0.095  | J | 0.20  | 0.032 |
| 109-99-9  | Tetrahydrofuran                  | 72.11            | 5.0    | U | 5.0   | 0.066 |
| 71-55-6   | 1,1,1-Trichloroethane            | 133.41           | 0.62   |   | 0.20  | 0.036 |
| 110-82-7  | Cyclohexane                      | 84.16            | 3.8    |   | 0.20  | 0.046 |
| 56-23-5   | Carbon tetrachloride             | 153.81           | 0.062  |   | 0.035 | 0.024 |
| 540-84-1  | 2,2,4-Trimethylpentane           | 114.23           | 3.2    |   | 0.20  | 0.041 |
| 71-43-2   | Benzene                          | 78.11            | 5.9    |   | 0.20  | 0.067 |
| 107-06-2  | 1,2-Dichloroethane               | 98.96            | 0.20   | U | 0.20  | 0.032 |

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

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-56451-1  
 SDG No.: 200-56451-1  
 Client Sample ID: SG-205 Lab Sample ID: 200-56451-5  
 Matrix: Air Lab File ID: 44134-022.d  
 Analysis Method: TO-15 Date Collected: 12/09/2020 14:53  
 Sample wt/vol: 200 (mL) Date Analyzed: 12/19/2020 03:40  
 Soil Aliquot Vol: \_\_\_\_\_ Dilution Factor: 1  
 Soil Extract Vol.: \_\_\_\_\_ GC Column: RTX-624 ID: 0.32 (mm)  
 % Moisture: \_\_\_\_\_ Level: (low/med) Low  
 Analysis Batch No.: 162240 Units: ppb v/v

| CAS NO.     | COMPOUND NAME                                    | MOLECULAR WEIGHT | RESULT | Q | RL    | MDL   |
|-------------|--------------------------------------------------|------------------|--------|---|-------|-------|
| 142-82-5    | n-Heptane                                        | 100.21           | 9.2    |   | 0.20  | 0.056 |
| 79-01-6     | Trichloroethene                                  | 131.39           | 13     |   | 0.037 | 0.035 |
| 80-62-6     | Methyl methacrylate                              | 100.12           | 0.50   | U | 0.50  | 0.033 |
| 78-87-5     | 1,2-Dichloropropane                              | 112.99           | 0.20   | U | 0.20  | 0.033 |
| 123-91-1    | 1,4-Dioxane                                      | 88.11            | 5.0    | U | 5.0   | 0.084 |
| 75-27-4     | Bromodichloromethane                             | 163.83           | 0.20   | U | 0.20  | 0.035 |
| 10061-01-5  | cis-1,3-Dichloropropene                          | 110.97           | 0.20   | U | 0.20  | 0.032 |
| 108-10-1    | 4-Methyl-2-pentanone<br>(Methyl isobutyl ketone) | 100.16           | 0.63   |   | 0.50  | 0.036 |
| 108-88-3    | Toluene                                          | 92.14            | 23     |   | 0.20  | 0.11  |
| 10061-02-6  | trans-1,3-Dichloropropene                        | 110.97           | 0.20   | U | 0.20  | 0.039 |
| 79-00-5     | 1,1,2-Trichloroethane                            | 133.41           | 0.20   | U | 0.20  | 0.036 |
| 127-18-4    | Tetrachloroethene                                | 165.83           | 150    | E | 0.20  | 0.033 |
| 591-78-6    | Methyl Butyl Ketone<br>(2-Hexanone)              | 100.20           | 0.57   |   | 0.50  | 0.048 |
| 124-48-1    | Dibromochloromethane                             | 208.28           | 0.20   | U | 0.20  | 0.036 |
| 106-93-4    | 1,2-Dibromoethane                                | 187.87           | 0.20   | U | 0.20  | 0.049 |
| 108-90-7    | Chlorobenzene                                    | 112.56           | 0.20   | U | 0.20  | 0.056 |
| 100-41-4    | Ethylbenzene                                     | 106.17           | 5.4    |   | 0.20  | 0.063 |
| 179601-23-1 | m,p-Xylene                                       | 106.17           | 22     |   | 0.50  | 0.10  |
| 95-47-6     | o-Xylene                                         | 106.17           | 6.7    |   | 0.20  | 0.048 |
| 100-42-5    | Styrene                                          | 104.15           | 0.075  | J | 0.20  | 0.040 |
| 75-25-2     | Bromoform                                        | 252.75           | 0.20   | U | 0.20  | 0.048 |
| 98-82-8     | Cumene                                           | 120.19           | 0.63   |   | 0.20  | 0.035 |
| 79-34-5     | 1,1,2,2-Tetrachloroethane                        | 167.85           | 0.20   | U | 0.20  | 0.042 |
| 103-65-1    | n-Propylbenzene                                  | 120.19           | 1.1    |   | 0.20  | 0.039 |
| 622-96-8    | 4-Ethyltoluene                                   | 120.20           | 1.4    |   | 0.20  | 0.041 |
| 108-67-8    | 1,3,5-Trimethylbenzene                           | 120.20           | 2.1    |   | 0.20  | 0.039 |
| 95-49-8     | 2-Chlorotoluene                                  | 126.59           | 0.20   | U | 0.20  | 0.042 |
| 98-06-6     | tert-Butylbenzene                                | 134.22           | 0.20   | U | 0.20  | 0.035 |
| 95-63-6     | 1,2,4-Trimethylbenzene                           | 120.20           | 4.4    |   | 0.20  | 0.044 |
| 135-98-8    | sec-Butylbenzene                                 | 134.22           | 0.18   | J | 0.20  | 0.035 |
| 99-87-6     | 4-Isopropyltoluene                               | 134.22           | 0.17   | J | 0.20  | 0.039 |
| 541-73-1    | 1,3-Dichlorobenzene                              | 147.00           | 0.20   | U | 0.20  | 0.11  |
| 106-46-7    | 1,4-Dichlorobenzene                              | 147.00           | 0.20   | U | 0.20  | 0.12  |

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

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-56451-1  
SDG No.: 200-56451-1  
Client Sample ID: SG-205 Lab Sample ID: 200-56451-5  
Matrix: Air Lab File ID: 44134-022.d  
Analysis Method: TO-15 Date Collected: 12/09/2020 14:53  
Sample wt/vol: 200 (mL) Date Analyzed: 12/19/2020 03:40  
Soil Aliquot Vol: \_\_\_\_\_ Dilution Factor: 1  
Soil Extract Vol.: \_\_\_\_\_ GC Column: RTX-624 ID: 0.32 (mm)  
% Moisture: \_\_\_\_\_ Level: (low/med) Low  
Analysis Batch No.: 162240 Units: ppb v/v

| CAS NO.  | COMPOUND NAME          | MOLECULAR WEIGHT | RESULT | Q | RL   | MDL   |
|----------|------------------------|------------------|--------|---|------|-------|
| 100-44-7 | Benzyl chloride        | 126.58           | 0.20   | U | 0.20 | 0.085 |
| 104-51-8 | n-Butylbenzene         | 134.22           | 0.18   | J | 0.20 | 0.039 |
| 95-50-1  | 1,2-Dichlorobenzene    | 147.00           | 0.20   | U | 0.20 | 0.097 |
| 120-82-1 | 1,2,4-Trichlorobenzene | 181.45           | 0.50   | U | 0.50 | 0.22  |
| 87-68-3  | Hexachlorobutadiene    | 260.76           | 0.20   | U | 0.20 | 0.076 |
| 91-20-3  | Naphthalene            | 128.17           | 0.50   | U | 0.50 | 0.17  |

Eurofins TestAmerica, Burlington  
Target Compound Quantitation Report

Data File: \\chromfs\Burlington\ChromData\CHW.i\20201218-44134.b\44134-022.d  
 Lims ID: 200-56451-A-5  
 Client ID: SG-205  
 Sample Type: Client  
 Inject. Date: 19-Dec-2020 03:40:30 ALS Bottle#: 21 Worklist Smp#: 22  
 Purge Vol: 200.000 mL Dil. Factor: 1.0000  
 Sample Info: 200-0044134-022  
 Operator ID: ggg Instrument ID: CHW.i  
 Method: \\chromfs\Burlington\ChromData\CHW.i\20201218-44134.b\TO15\_TO3\_MasterMethod\_W.m  
 Limit Group: AI\_TO15\_ICAL  
 Last Update: 21-Dec-2020 13:20:35 Calib Date: 11-Dec-2020 05:25:30  
 Integrator: RTE ID Type: Deconvolution ID  
 Quant Method: Internal Standard Quant By: Initial Calibration  
 Last ICal File: \\chromfs\Burlington\ChromData\CHW.i\20201210-44014.b\44014-016.d  
 Column 1 : RTX-624 ( 0.32 mm) Det: MS SCAN  
 Process Host: CTX1612

First Level Reviewer: bunmaa

Date: 21-Dec-2020 13:20:35

| Compound                           | Sig | RT (min.) | Adj RT (min.) | Dlt RT (min.) | Q   | Response | OnCol Amt ppb v/v | Flags |
|------------------------------------|-----|-----------|---------------|---------------|-----|----------|-------------------|-------|
| 2 Dichlorodifluoromethane          | 85  | 4.089     | 4.110         | 0.016         | 53  | 133336   | 0.3512            |       |
| 3 Chlorodifluoromethane            | 51  |           | 4.116         |               |     |          | ND                | U     |
| 4 1,2-Dichloro-1,1,2,2-tetrafluoro | 85  |           | 4.469         |               |     |          | ND                |       |
| 5 Chloromethane                    | 50  | 4.576     | 4.576         | 0.016         | 81  | 50349    | 0.3728            | M     |
| 6 Vinyl chloride                   | 62  |           | 4.897         |               |     |          | ND                | U     |
| 7 Butane                           | 43  | 4.923     | 4.913         | 0.010         | 98  | 10909688 | 45.0              | E     |
| 8 Butadiene                        | 54  | 5.030     | 5.041         | 0.005         | 98  | 1018299  | 7.66              |       |
| 9 Bromomethane                     | 94  |           | 5.758         |               |     |          | ND                | 7     |
| 11 Chloroethane                    | 64  | 6.052     | 6.047         | 0.005         | 42  | 5542     | 0.0791            |       |
| 13 Vinyl bromide                   | 106 |           | 6.485         |               |     |          | ND                | U     |
| 14 Trichlorofluoromethane          | 101 | 6.662     | 6.635         | 0.005         | 97  | 63007    | 0.2021            |       |
| 20 1,1-Dichloroethene              | 96  |           | 7.753         |               |     |          | ND                | U     |
| 21 112TCTFE                        | 101 | 7.796     | 7.780         | -0.005        | 61  | 31743    | 0.1327            |       |
| 22 Acetone                         | 43  | 7.850     | 7.855         | -0.005        | 99  | 1650029  | 9.94              |       |
| 24 Carbon disulfide                | 76  | 8.165     | 8.165         | 0.000         | 100 | 1232998  | 3.73              |       |
| 23 Isopropyl alcohol               | 45  | 8.203     | 8.229         | 0.032         | 96  | 73223    | 0.4004            |       |
| 26 3-Chloro-1-propene              | 41  |           | 8.470         |               |     |          | ND                | U     |
| 27 Methylene Chloride              | 49  | 8.711     | 8.689         | 0.005         | 84  | 54210    | 0.4150            |       |
| 28 2-Methyl-2-propanol             | 59  | 8.968     | 8.928         | 0.027         | 88  | 28581    | 0.1365            |       |
| 30 trans-1,2-Dichloroethene        | 61  |           | 9.219         |               |     |          | ND                | U     |
| 31 Methyl tert-butyl ether         | 73  |           | 9.230         |               |     |          | ND                | U     |
| 32 Hexane                          | 57  | 9.738     | 9.717         | 0.005         | 92  | 1503335  | 9.70              |       |
| 33 1,1-Dichloroethane              | 63  |           | 9.995         |               |     |          | ND                | MU    |
| 36 2-Butanone (MEK)                | 72  | 10.990    | 11.006        | 0.005         | 100 | 111009   | 2.21              |       |
| 37 cis-1,2-Dichloroethene          | 96  |           | 11.001        |               |     |          | ND                | 7     |
| * 39 Chlorobromomethane            | 128 | 11.418    | 11.423        | -0.005        | 89  | 808148   | 10.0              |       |
| 40 Tetrahydrofuran                 | 42  |           | 11.466        |               |     |          | ND                |       |
| 41 Chloroform                      | 83  | 11.594    | 11.594        | -0.006        | 93  | 23584    | 0.0948            | M     |
| 42 1,1,1-Trichloroethane           | 97  | 11.905    | 11.899        | -0.005        | 94  | 161568   | 0.6186            |       |
| 43 Cyclohexane                     | 84  | 12.044    | 12.033        | 0.000         | 94  | 550970   | 3.82              |       |
| 44 Carbon tetrachloride            | 117 | 12.183    | 12.177        | -0.005        | 96  | 17617    | 0.0622            |       |
| 45 Benzene                         | 78  | 12.536    | 12.525        | -0.005        | 96  | 1994675  | 5.95              |       |



| Compound                       | Sig | RT (min.) | Adj RT (min.) | Dlt RT (min.) | Q  | Response | OnCol Amt ppb v/v | Flags |
|--------------------------------|-----|-----------|---------------|---------------|----|----------|-------------------|-------|
| 46 1,2-Dichloroethane          | 62  |           | 12.616        |               |    |          | ND                | U     |
| 47 Isooctane                   | 57  | 12.755    | 12.744        | 0.000         | 98 | 1565633  | 3.23              |       |
| 48 n-Heptane                   | 43  | 13.066    | 13.055        | -0.005        | 94 | 1664088  | 9.22              |       |
| * 50 1,4-Difluorobenzene       | 114 | 13.279    | 13.285        | -0.006        | 95 | 3825346  | 10.0              |       |
| 51 Trichloroethene             | 95  | 13.713    | 13.712        | -0.005        | 99 | 2027322  | 12.8              |       |
| 54 1,2-Dichloropropane         | 63  |           | 14.178        |               |    |          | ND                | U     |
| 55 Methyl methacrylate         | 69  |           | 14.269        |               |    |          | ND                | U     |
| 56 1,4-Dioxane                 | 88  |           | 14.307        |               |    |          | ND                | 7     |
| 58 Dichlorobromomethane        | 83  |           | 14.649        |               |    |          | ND                | MU    |
| 60 cis-1,3-Dichloropropene     | 75  |           | 15.457        |               |    |          | ND                |       |
| 61 4-Methyl-2-pentanone (MIBK) | 43  | 15.719    | 15.719        | 0.005         | 97 | 157213   | 0.6331            |       |
| 62 Toluene                     | 92  | 16.099    | 16.104        | 0.000         | 94 | 5689558  | 23.3              |       |
| 64 trans-1,3-Dichloropropene   | 75  |           | 16.516        |               |    |          | ND                | 7     |
| 65 1,1,2-Trichloroethane       | 83  |           | 16.896        |               |    |          | ND                | U     |
| 66 Tetrachloroethene           | 166 | 17.083    | 17.083        | -0.006        | 88 | 38028149 | 152.8             | Ee    |
| 67 2-Hexanone                  | 43  | 17.308    | 17.308        | 0.011         | 85 | 128428   | 0.5704            | M     |
| 68 Chlorodibromomethane        | 129 |           | 17.634        |               |    |          | ND                |       |
| 69 Ethylene Dibromide          | 107 |           | 17.875        |               |    |          | ND                |       |
| * 70 Chlorobenzene-d5          | 117 | 18.790    | 18.790        | 0.000         | 87 | 3372900  | 10.0              |       |
| 71 Chlorobenzene               | 112 | 18.838    | 18.854        | -0.011        | 42 | 5416     | 0.0156            |       |
| 73 Ethylbenzene                | 91  | 19.041    | 19.041        | 0.000         | 99 | 2943285  | 5.40              |       |
| 74 m-Xylene & p-Xylene         | 106 | 19.293    | 19.308        | -0.010        | 0  | 4596640  | 21.8              |       |
| 76 o-Xylene                    | 106 | 20.079    | 20.084        | 0.000         | 99 | 1336397  | 6.70              |       |
| 78 Styrene                     | 104 | 20.127    | 20.127        | 0.011         | 40 | 22651    | 0.0746            | M     |
| 79 Bromoform                   | 173 |           | 20.464        |               |    |          | ND                | MU    |
| 80 Isopropylbenzene            | 105 | 20.774    | 20.775        | 0.000         | 92 | 371169   | 0.6329            |       |
| 81 1,1,2,2-Tetrachloroethane   | 83  |           | 21.293        |               |    |          | ND                | MU    |
| 83 N-Propylbenzene             | 91  | 21.497    | 21.491        | 0.006         | 99 | 791949   | 1.14              |       |
| 84 2-Chlorotoluene             | 91  |           | 21.641        |               |    |          | ND                | U     |
| 85 4-Ethyltoluene              | 105 | 21.689    | 21.700        | 0.000         | 98 | 795675   | 1.39              |       |
| 86 1,3,5-Trimethylbenzene      | 105 | 21.786    | 21.769        | 0.000         | 93 | 1023889  | 2.10              |       |
| 89 tert-Butylbenzene           | 119 |           | 22.267        |               |    |          | ND                | MU    |
| 90 1,2,4-Trimethylbenzene      | 105 | 22.353    | 22.353        | 0.000         | 98 | 2126895  | 4.36              |       |
| 91 sec-Butylbenzene            | 105 | 22.593    | 22.599        | 0.000         | 98 | 129456   | 0.1785            |       |
| 92 1,3-Dichlorobenzene         | 146 |           | 22.765        |               |    |          | ND                | MU    |
| 93 4-Isopropyltoluene          | 119 | 22.807    | 22.807        | 0.000         | 97 | 106069   | 0.1708            |       |
| 94 1,4-Dichlorobenzene         | 146 |           | 22.909        |               |    |          | ND                | U     |
| 95 Benzyl chloride             | 91  |           | 23.053        |               |    |          | ND                | MU    |
| 96 n-Butylbenzene              | 91  | 23.364    | 23.357        | 0.000         | 95 | 97033    | 0.1805            |       |
| 97 1,2-Dichlorobenzene         | 146 |           | 23.396        |               |    |          | ND                | 7     |
| 100 1,2,4-Trichlorobenzene     | 180 | 25.841    | 25.835        | 0.006         | 72 | 10148    | 0.0545            |       |
| 101 Hexachlorobutadiene        | 225 | 26.065    | 26.069        | -0.011        | 89 | 11008    | 0.0334            |       |
| 102 Naphthalene                | 128 | 26.311    | 26.317        | 0.000         | 99 | 60114    | 0.1552            |       |

### QC Flag Legend

#### Processing Flags

E - Exceeded Maximum Amount

7 - Failed Limit of Detection

e - Potential Peak Saturated

Review Flags

M - Manually Integrated

U - Marked Undetected

**Reagents:**

ATTO15WISs\_00009

Amount Added: 20.00

Units: mL

Run Reagent

Eurofins TestAmerica, Burlington

Data File: \\chromfs\Burlington\ChromData\CHW.i\20201218-44134.b\44134-022.d

Injection Date: 19-Dec-2020 03:40:30

Instrument ID: CHW.i

Operator ID: ggg

Lims ID: 200-56451-A-5

Lab Sample ID: 200-56451-5

Worklist Smp#: 22

Client ID: SG-205

Purge Vol: 200.000 mL

Dil. Factor: 1.0000

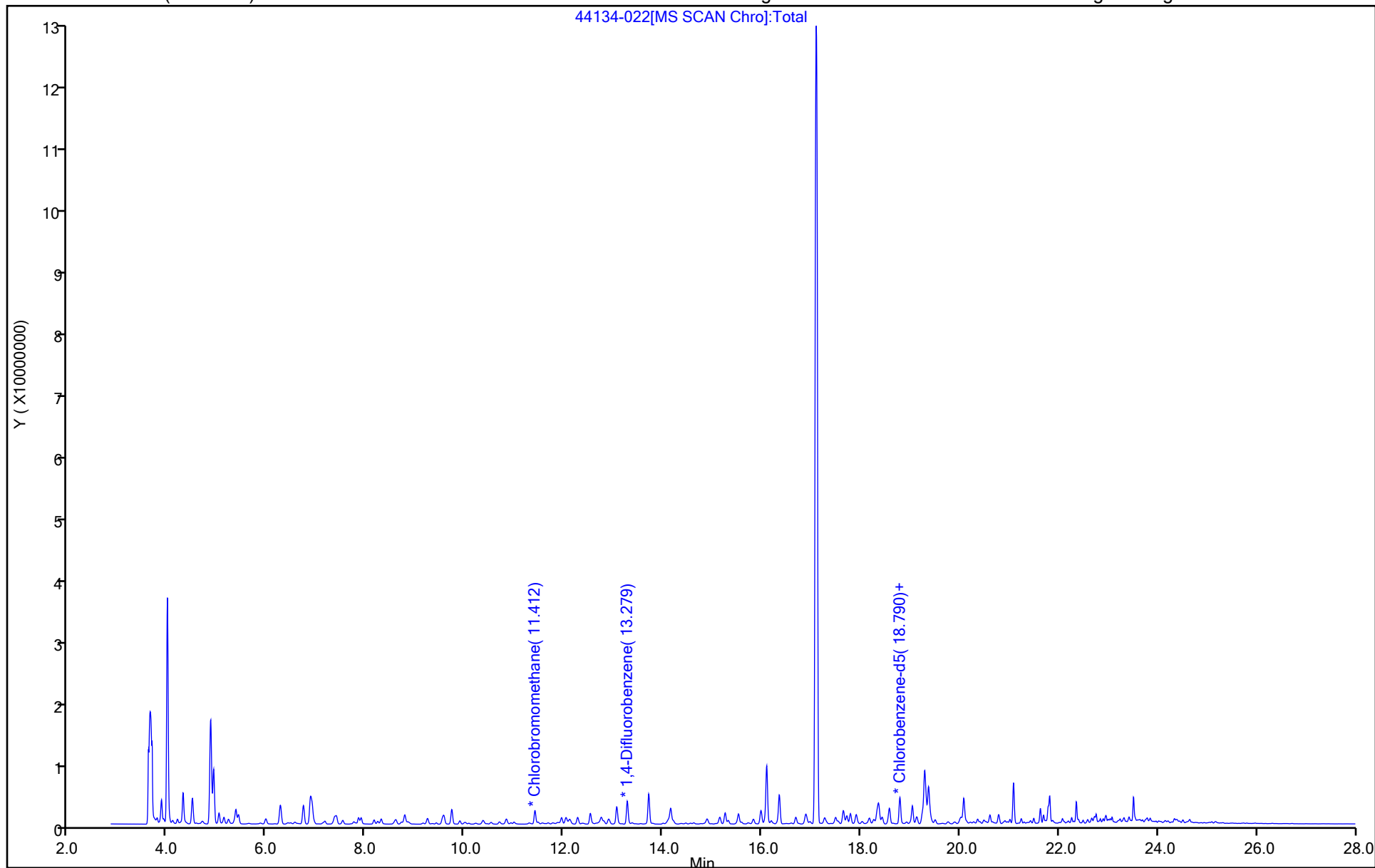
ALS Bottle#: 21

Method: TO15\_TO3\_MasterMethod\_W

Limit Group: AI\_TO15\_ICAL

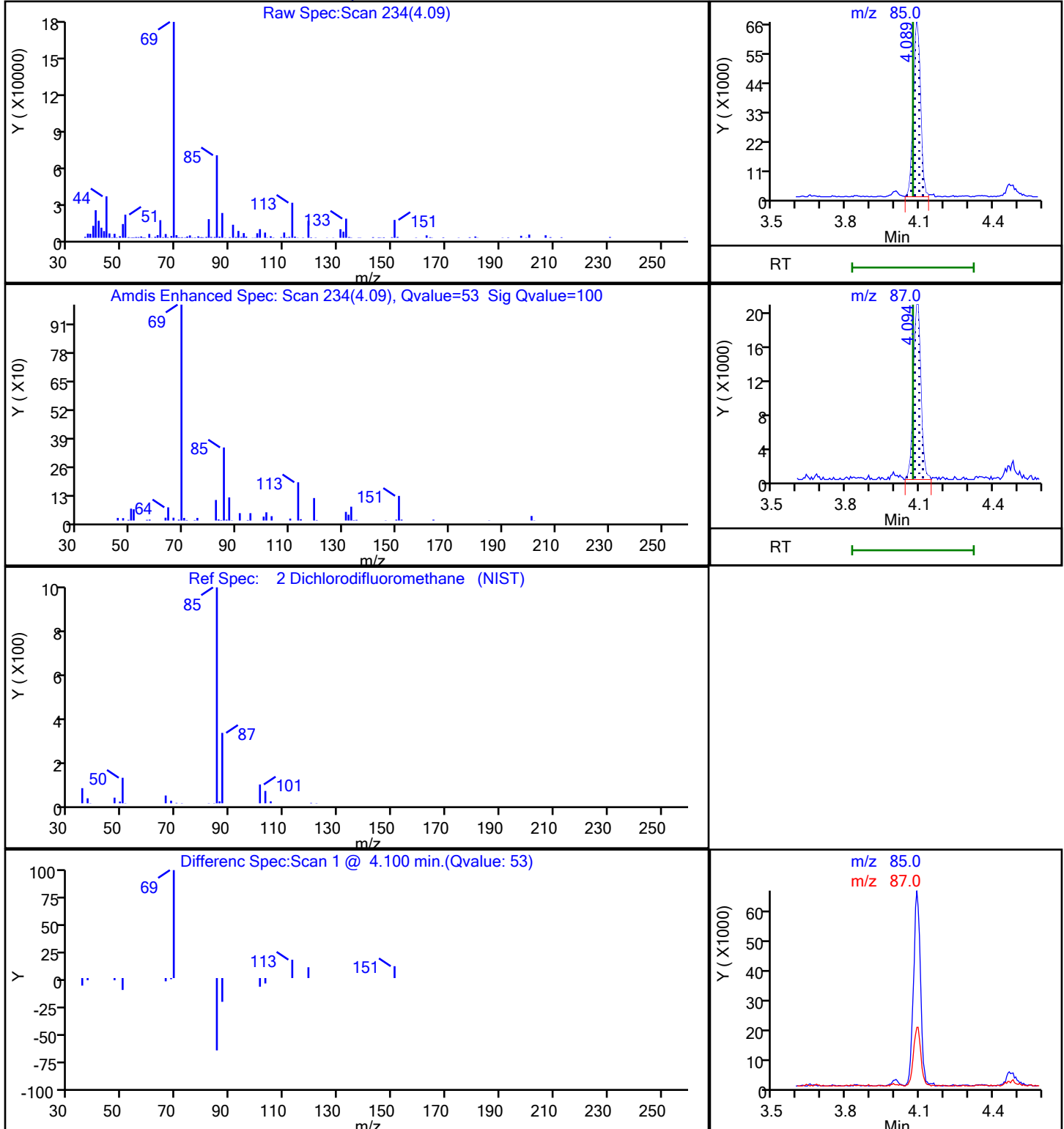
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Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



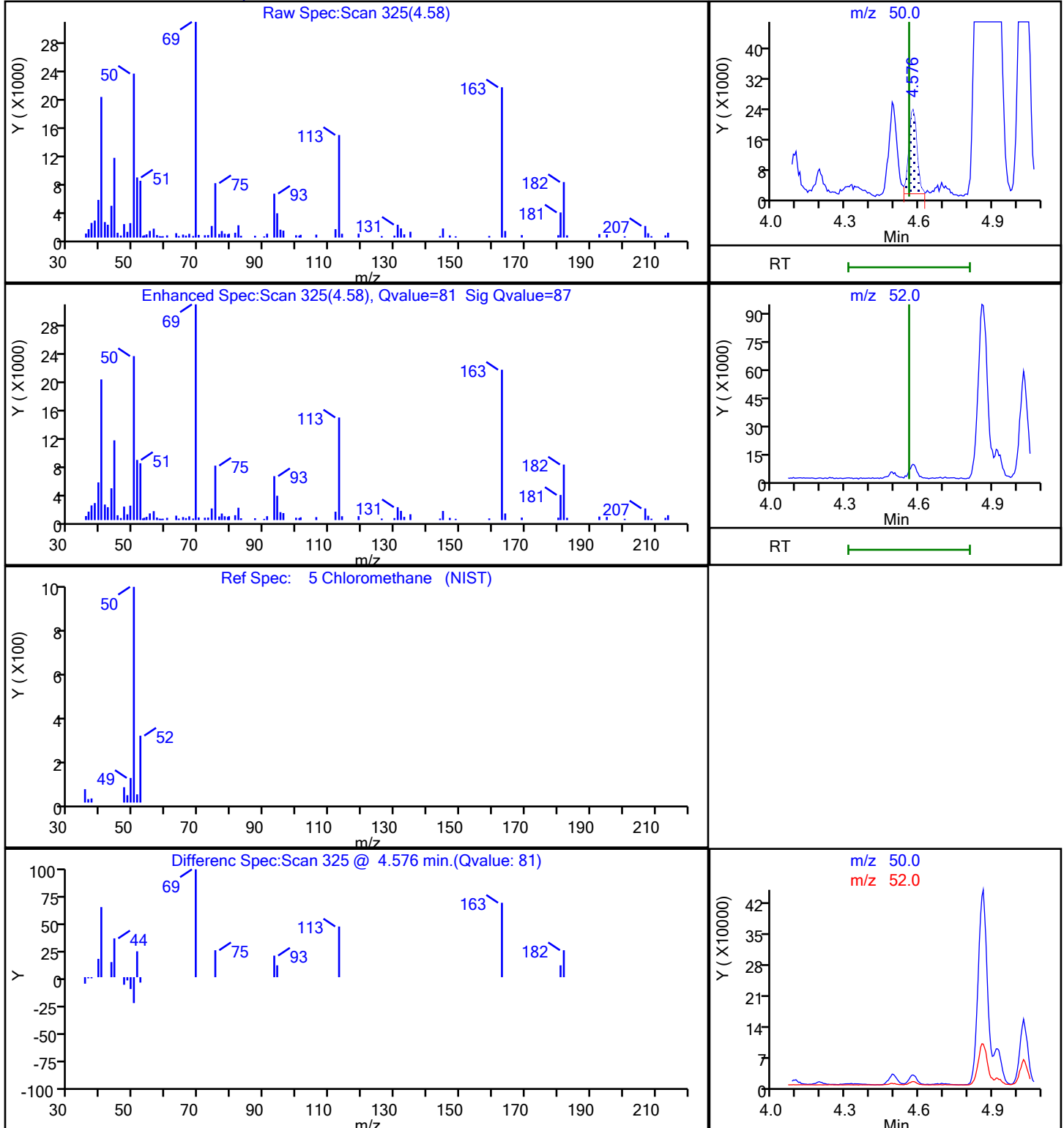
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Injection Date: 19-Dec-2020 03:40:30 Instrument ID: CHW.i  
Lims ID: 200-56451-A-5 Lab Sample ID: 200-56451-5  
Client ID: SG-205  
Operator ID: ggg ALS Bottle#: 21 Worklist Smp#: 22  
Purge Vol: 200.000 mL Dil. Factor: 1.0000  
Method: TO15\_TO3\_MasterMethod\_W Limit Group: AI\_TO15\_ICAL  
Column: RTX-624 ( 0.32 mm) Detector MS SCAN

**2 Dichlorodifluoromethane, CAS: 75-71-8**

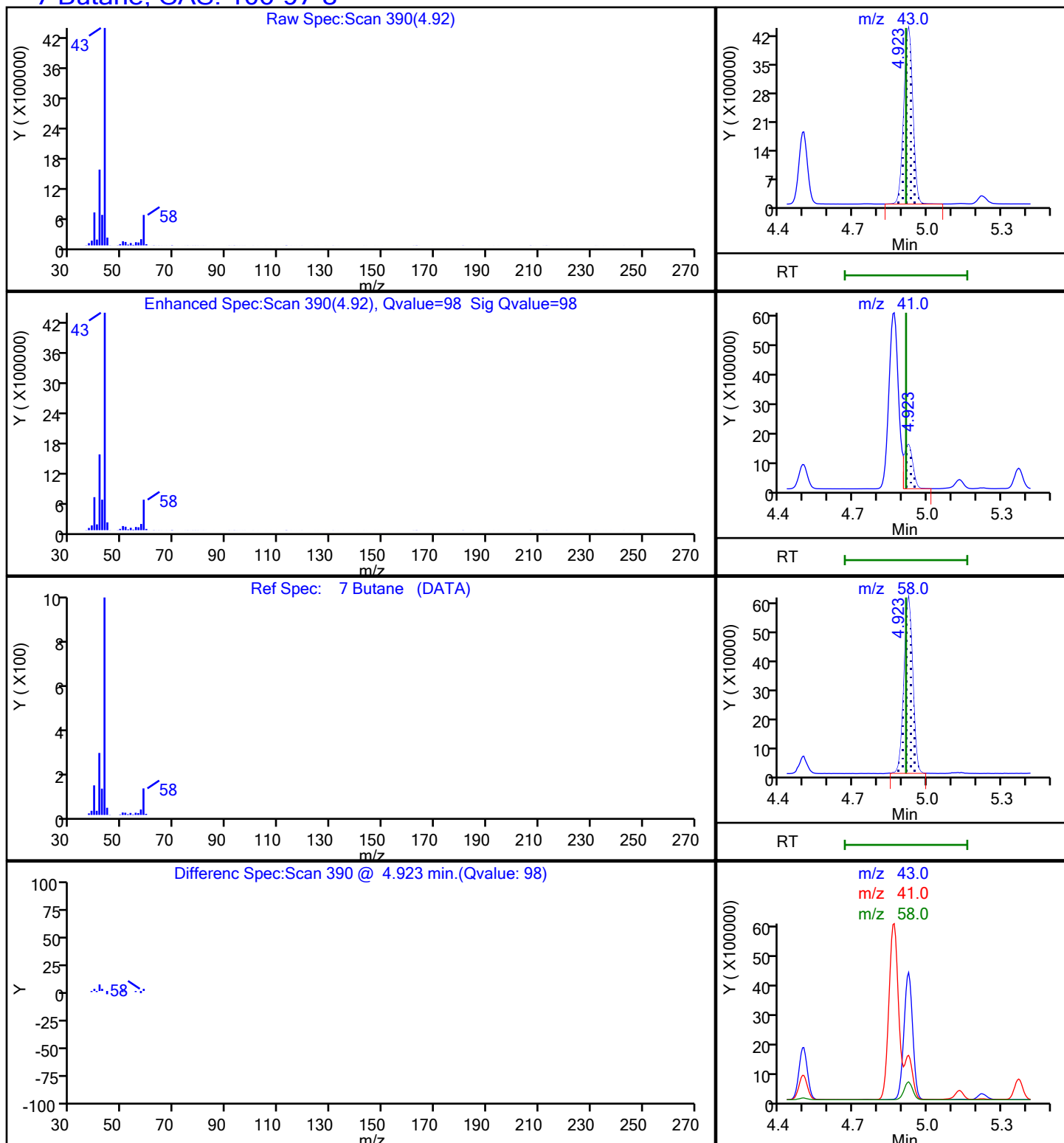
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Injection Date: 19-Dec-2020 03:40:30 Instrument ID: CHW.i  
Lims ID: 200-56451-A-5 Lab Sample ID: 200-56451-5  
Client ID: SG-205  
Operator ID: ggg ALS Bottle#: 21 Worklist Smp#: 22  
Purge Vol: 200.000 mL Dil. Factor: 1.0000  
Method: TO15\_TO3\_MasterMethod\_W Limit Group: AI\_TO15\_ICAL  
Column: RTX-624 ( 0.32 mm) Detector MS SCAN

**5 Chloromethane, CAS: 74-87-3**

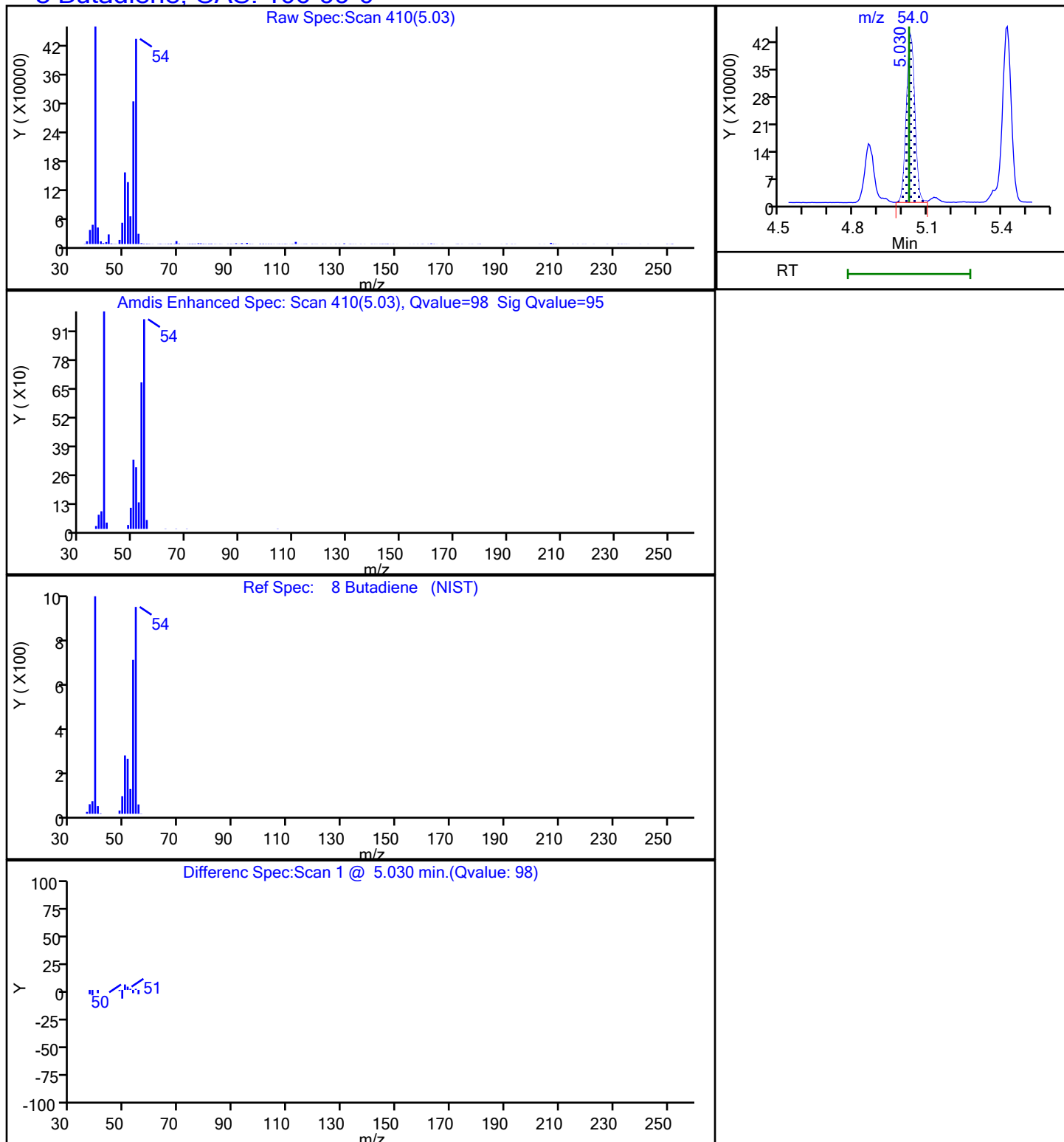
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Injection Date: 19-Dec-2020 03:40:30 Instrument ID: CHW.i  
Lims ID: 200-56451-A-5 Lab Sample ID: 200-56451-5  
Client ID: SG-205  
Operator ID: ggg ALS Bottle#: 21 Worklist Smp#: 22  
Purge Vol: 200.000 mL Dil. Factor: 1.0000  
Method: TO15\_TO3\_MasterMethod\_W Limit Group: AI\_TO15\_ICAL  
Column: RTX-624 ( 0.32 mm) Detector MS SCAN

**7 Butane, CAS: 106-97-8**

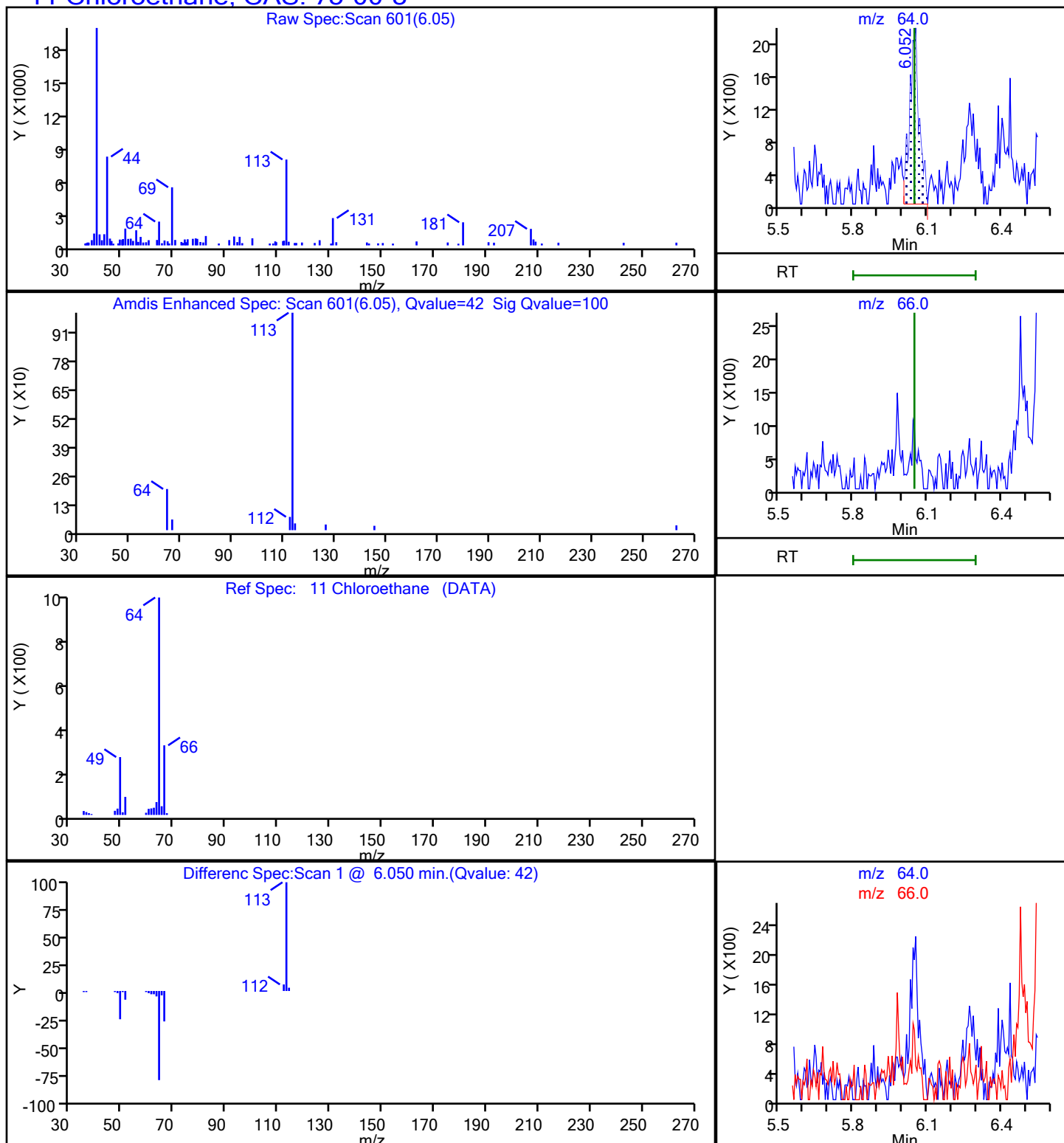
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Lims ID: 200-56451-A-5 Lab Sample ID: 200-56451-5  
Client ID: SG-205  
Operator ID: ggg ALS Bottle#: 21 Worklist Smp#: 22  
Purge Vol: 200.000 mL Dil. Factor: 1.0000  
Method: TO15\_TO3\_MasterMethod\_W Limit Group: AI\_TO15\_ICAL  
Column: RTX-624 ( 0.32 mm) Detector: MS SCAN

**8 Butadiene, CAS: 106-99-0**

## Eurofins TestAmerica, Burlington

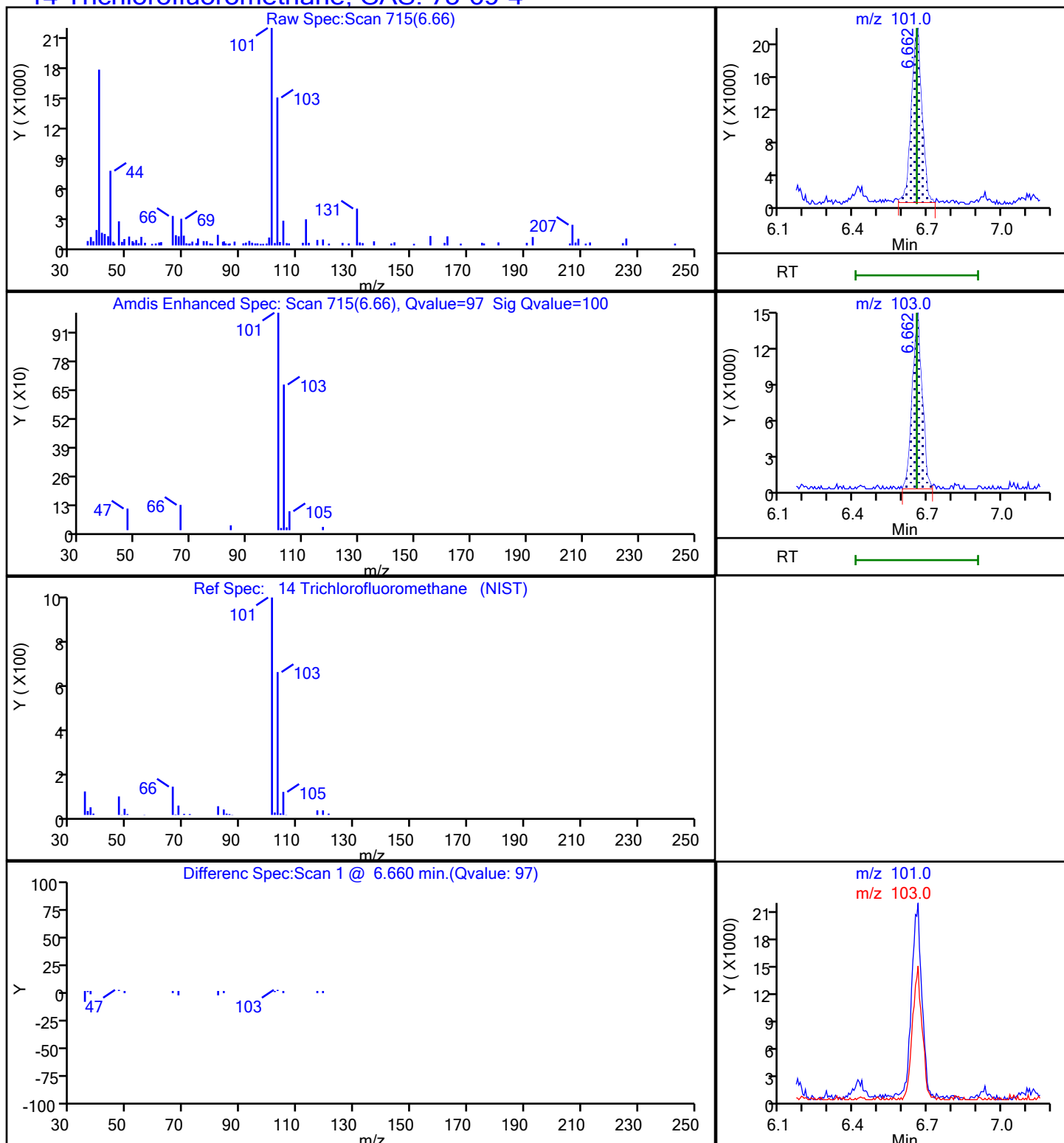
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Client ID: SG-205  
Operator ID: ggg ALS Bottle#: 21 Worklist Smp#: 22  
Purge Vol: 200.000 mL Dil. Factor: 1.0000  
Method: TO15\_TO3\_MasterMethod\_W Limit Group: AI\_TO15\_ICAL  
Column: RTX-624 ( 0.32 mm) Detector MS SCAN

**11 Chloroethane, CAS: 75-00-3**



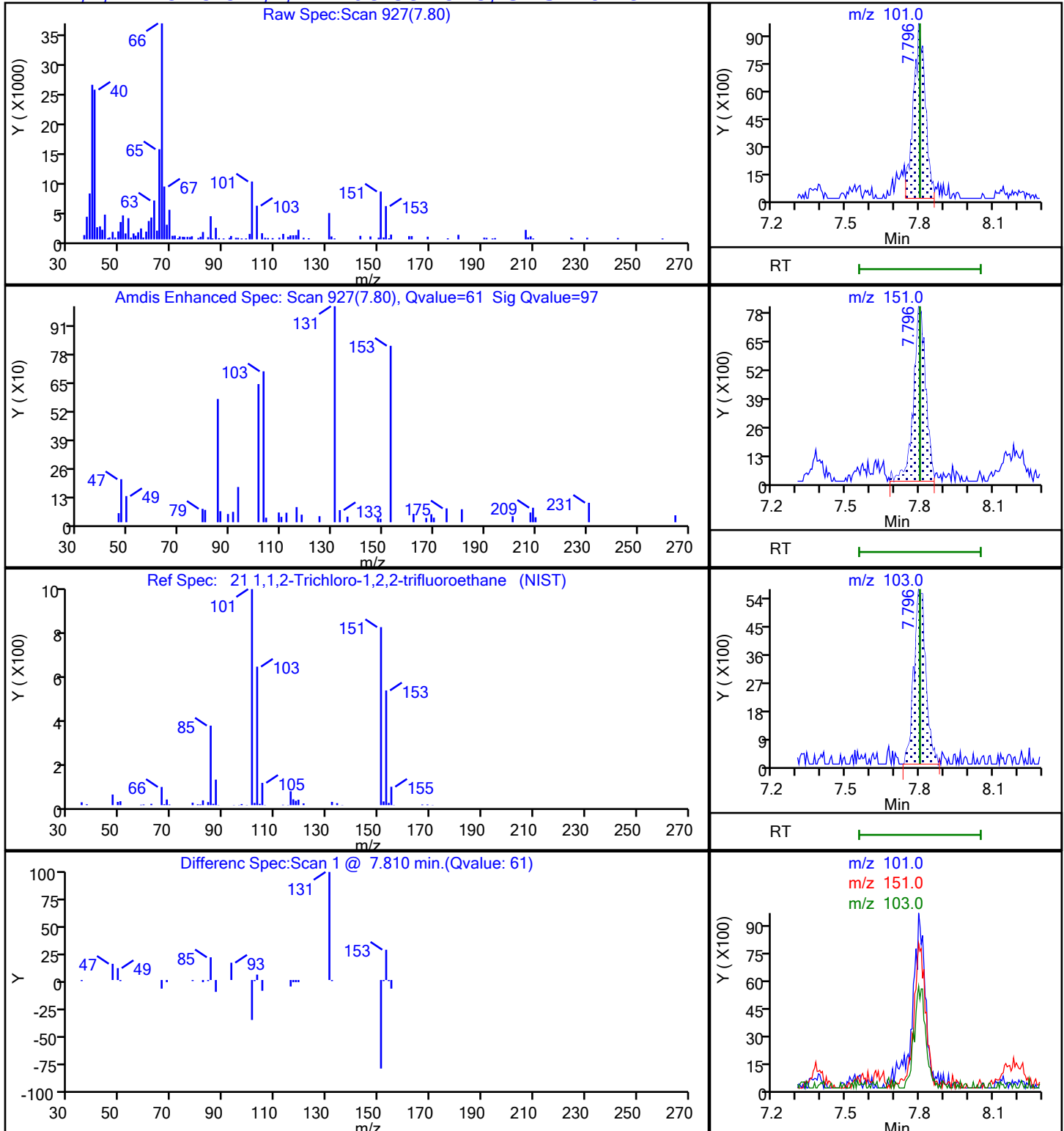
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Injection Date: 19-Dec-2020 03:40:30 Instrument ID: CHW.i  
Lims ID: 200-56451-A-5 Lab Sample ID: 200-56451-5  
Client ID: SG-205  
Operator ID: ggg ALS Bottle#: 21 Worklist Smp#: 22  
Purge Vol: 200.000 mL Dil. Factor: 1.0000  
Method: TO15\_TO3\_MasterMethod\_W Limit Group: AI\_TO15\_ICAL  
Column: RTX-624 ( 0.32 mm) Detector MS SCAN

**14 Trichlorofluoromethane, CAS: 75-69-4**

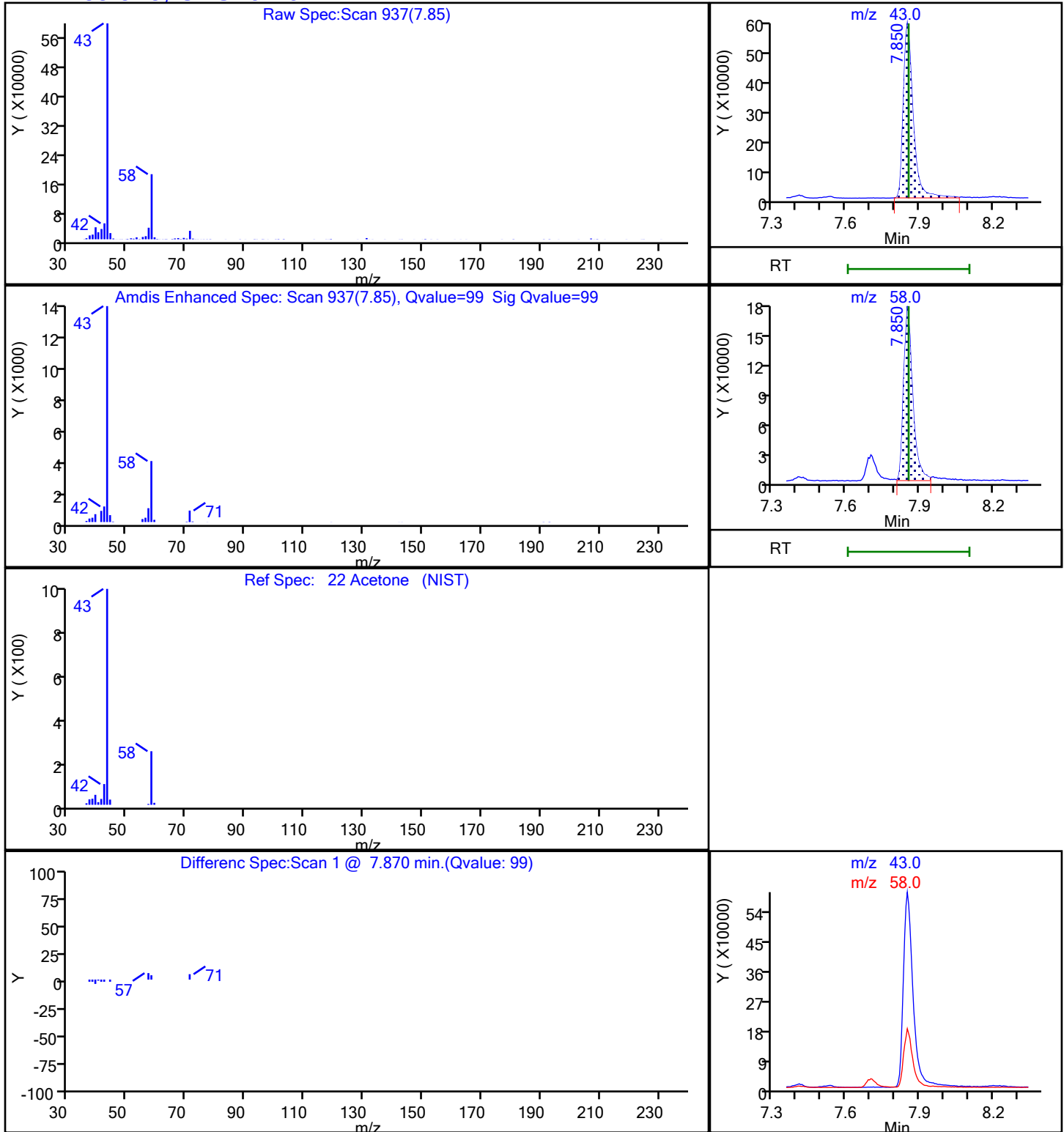
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Lims ID: 200-56451-A-5 Lab Sample ID: 200-56451-5  
Client ID: SG-205  
Operator ID: ggg ALS Bottle#: 21 Worklist Smp#: 22  
Purge Vol: 200.000 mL Dil. Factor: 1.0000  
Method: TO15\_TO3\_MasterMethod\_W Limit Group: AI\_TO15\_ICAL  
Column: RTX-624 ( 0.32 mm) Detector MS SCAN

**21 1,1,2-Trichloro-1,2,2-trifluoroethane, CAS: 76-13-1**

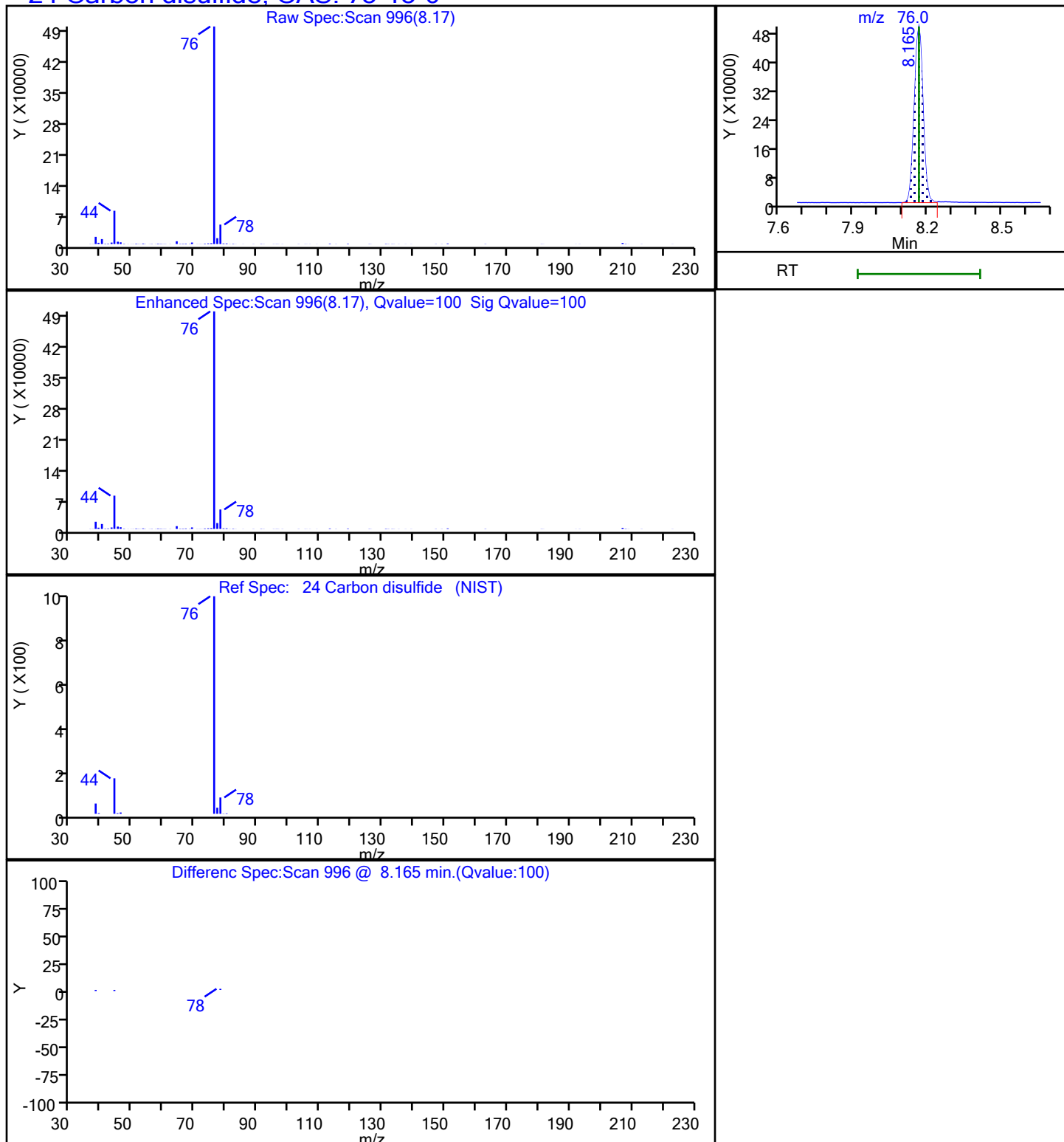
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Lims ID: 200-56451-A-5 Lab Sample ID: 200-56451-5  
Client ID: SG-205  
Operator ID: ggg ALS Bottle#: 21 Worklist Smp#: 22  
Purge Vol: 200.000 mL Dil. Factor: 1.0000  
Method: TO15\_TO3\_MasterMethod\_W Limit Group: AI\_TO15\_ICAL  
Column: RTX-624 ( 0.32 mm) Detector MS SCAN

**22 Acetone, CAS: 67-64-1**

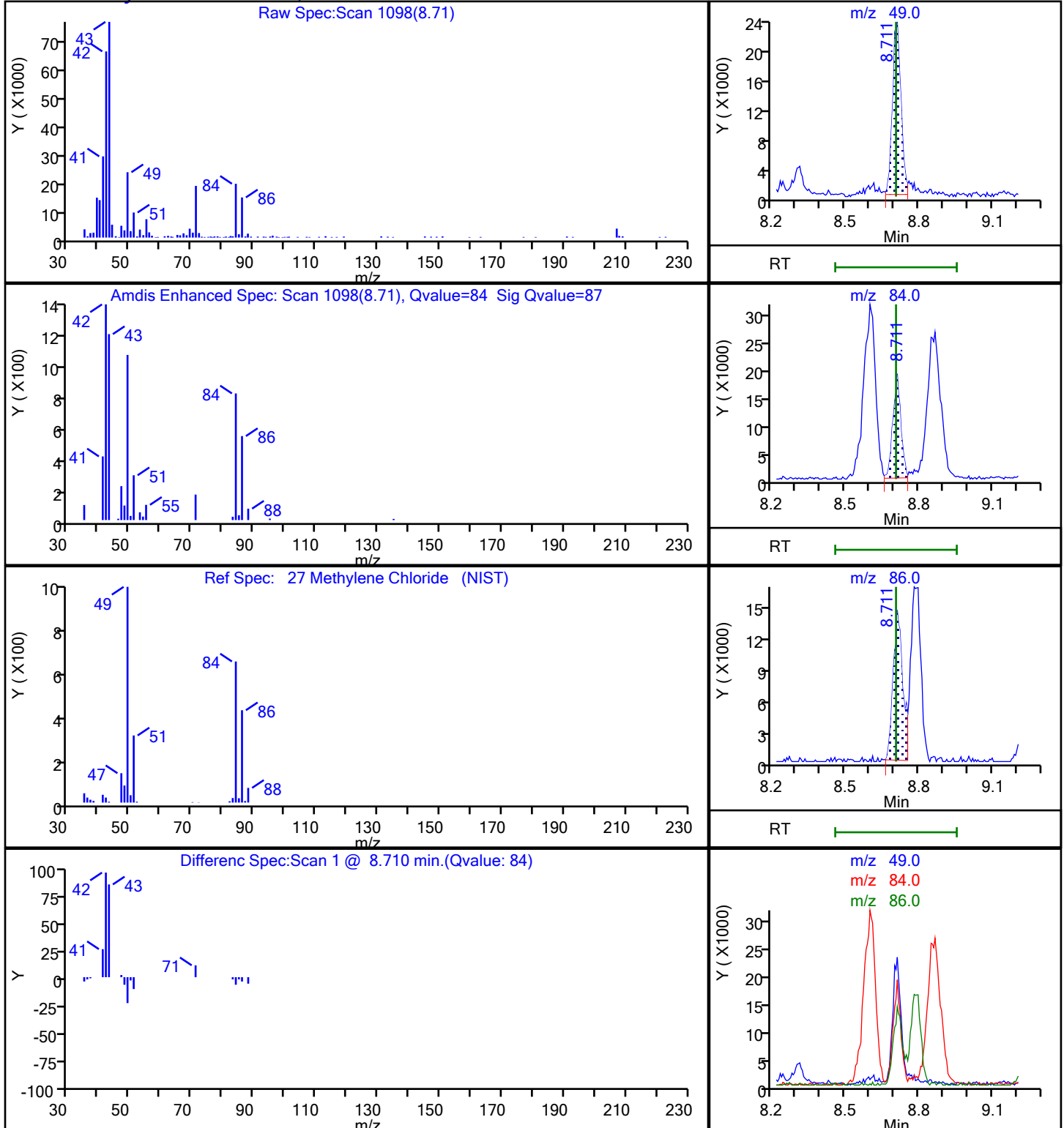
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Lims ID: 200-56451-A-5 Lab Sample ID: 200-56451-5  
Client ID: SG-205  
Operator ID: ggg ALS Bottle#: 21 Worklist Smp#: 22  
Purge Vol: 200.000 mL Dil. Factor: 1.0000  
Method: TO15\_TO3\_MasterMethod\_W Limit Group: AI\_TO15\_ICAL  
Column: RTX-624 ( 0.32 mm) Detector MS SCAN

**24 Carbon disulfide, CAS: 75-15-0**

## Eurofins TestAmerica, Burlington

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Injection Date: 19-Dec-2020 03:40:30 Instrument ID: CHW.i  
Lims ID: 200-56451-A-5 Lab Sample ID: 200-56451-5  
Client ID: SG-205  
Operator ID: ggg ALS Bottle#: 21 Worklist Smp#: 22  
Purge Vol: 200.000 mL Dil. Factor: 1.0000  
Method: TO15\_TO3\_MasterMethod\_W Limit Group: AI\_TO15\_ICAL  
Column: RTX-624 ( 0.32 mm) Detector MS SCAN

**27 Methylene Chloride, CAS: 75-09-2**

Eurofins TestAmerica, Burlington

Data File: \\chromfs\Burlington\ChromData\CHW.i\20201218-44134.b\44134-022.d

Injection Date: 19-Dec-2020 03:40:30

Instrument ID: CHW.i

Lims ID: 200-56451-A-5

Lab Sample ID: 200-56451-5

Client ID: SG-205

Operator ID: ggg

ALS Bottle#: 21

Worklist Smp#: 22

Purge Vol: 200.000 mL

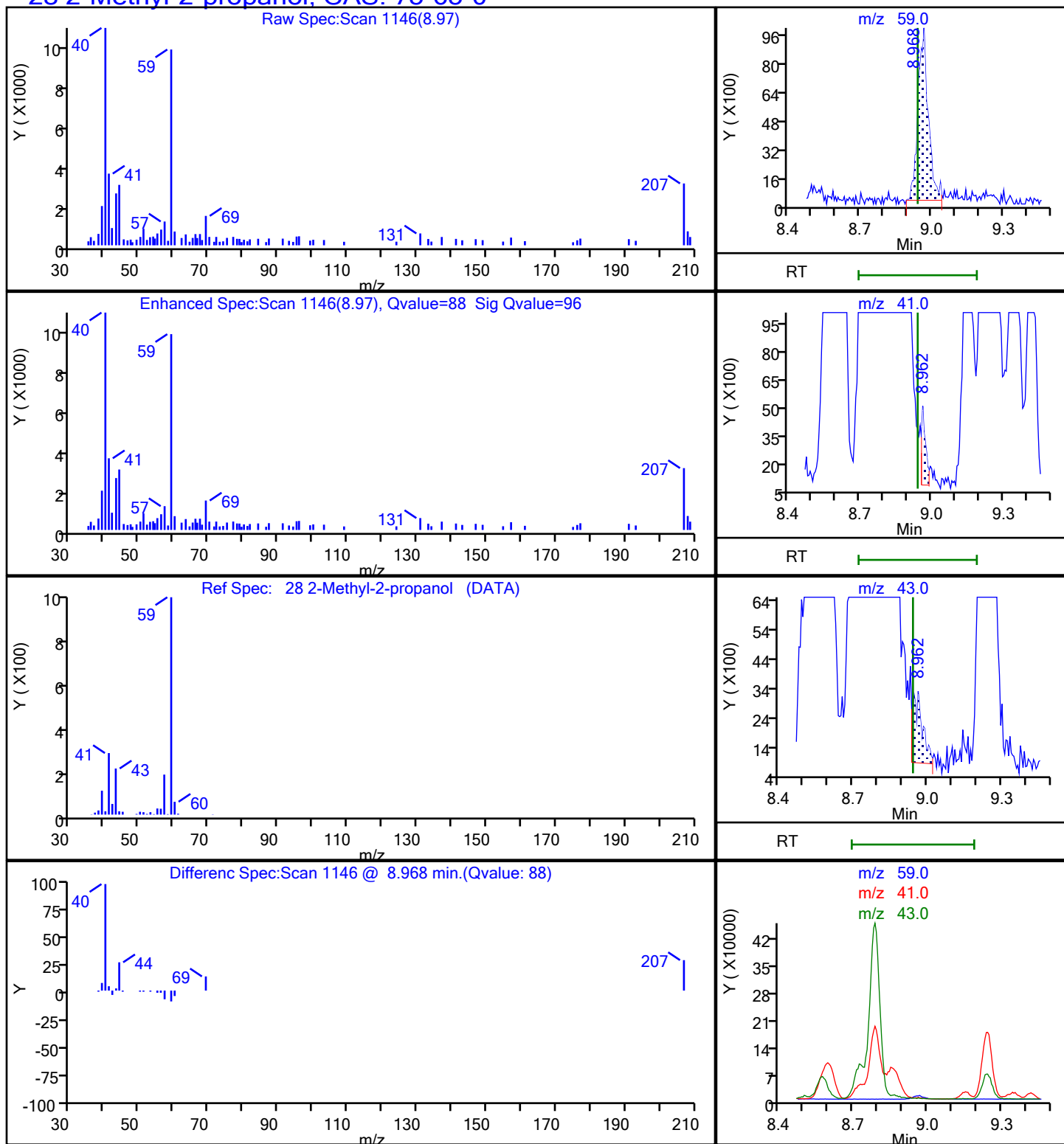
Dil. Factor: 1.0000

Method: TO15\_TO3\_MasterMethod\_W

Limit Group: AI\_TO15\_ICAL

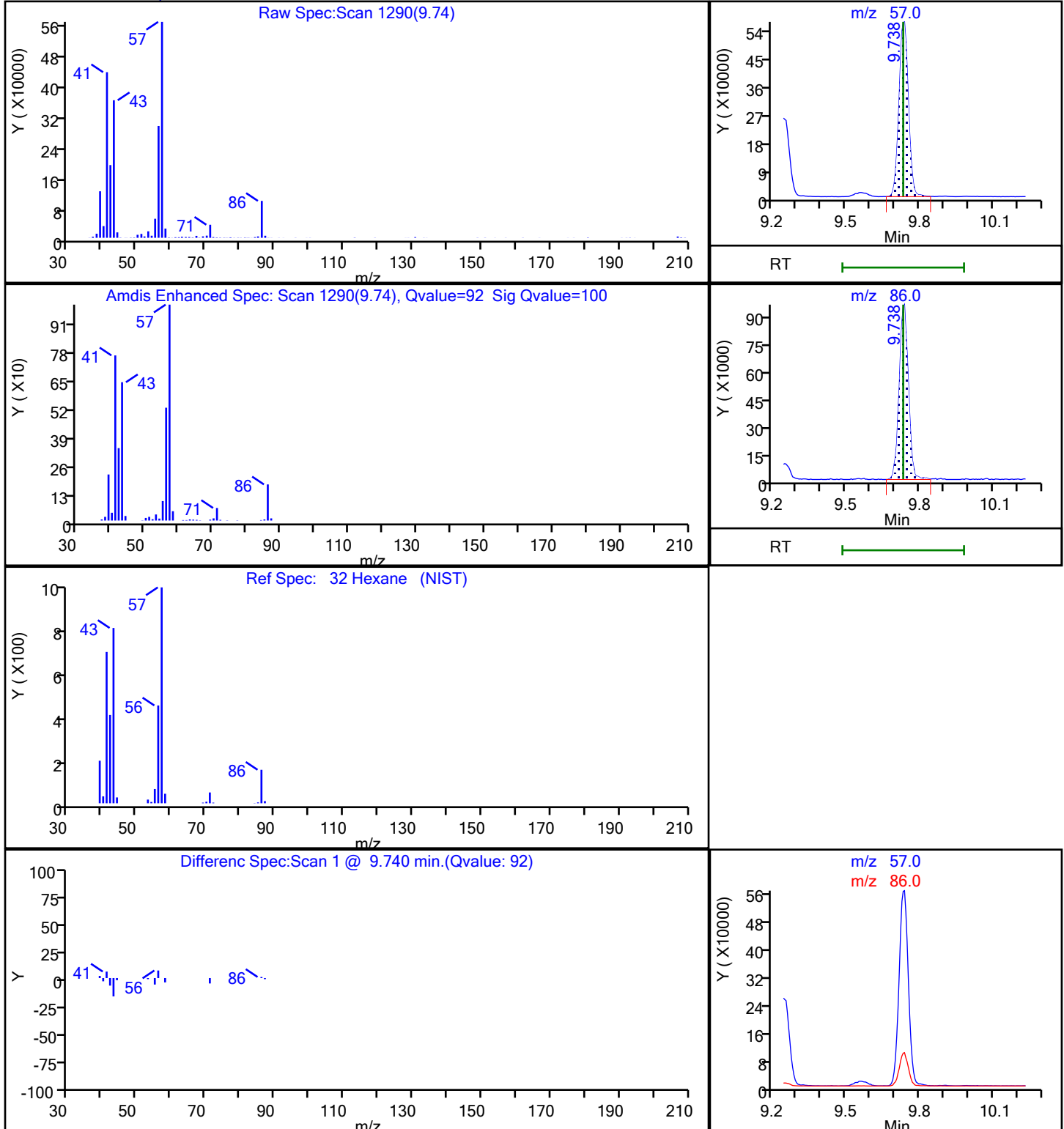
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Detector: MS SCAN

**28 2-Methyl-2-propanol, CAS: 75-65-0**

## Eurofins TestAmerica, Burlington

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Injection Date: 19-Dec-2020 03:40:30 Instrument ID: CHW.i  
Lims ID: 200-56451-A-5 Lab Sample ID: 200-56451-5  
Client ID: SG-205  
Operator ID: ggg ALS Bottle#: 21 Worklist Smp#: 22  
Purge Vol: 200.000 mL Dil. Factor: 1.0000  
Method: TO15\_TO3\_MasterMethod\_W Limit Group: AI\_TO15\_ICAL  
Column: RTX-624 ( 0.32 mm) Detector: MS SCAN

**32 Hexane, CAS: 110-54-3**

Eurofins TestAmerica, Burlington

Data File: \\chromfs\Burlington\ChromData\CHW.i\20201218-44134.b\44134-022.d

Injection Date: 19-Dec-2020 03:40:30

Instrument ID: CHW.i

Lims ID: 200-56451-A-5

Lab Sample ID: 200-56451-5

Client ID: SG-205

Operator ID: ggg

ALS Bottle#: 21

Worklist Smp#: 22

Purge Vol: 200.000 mL

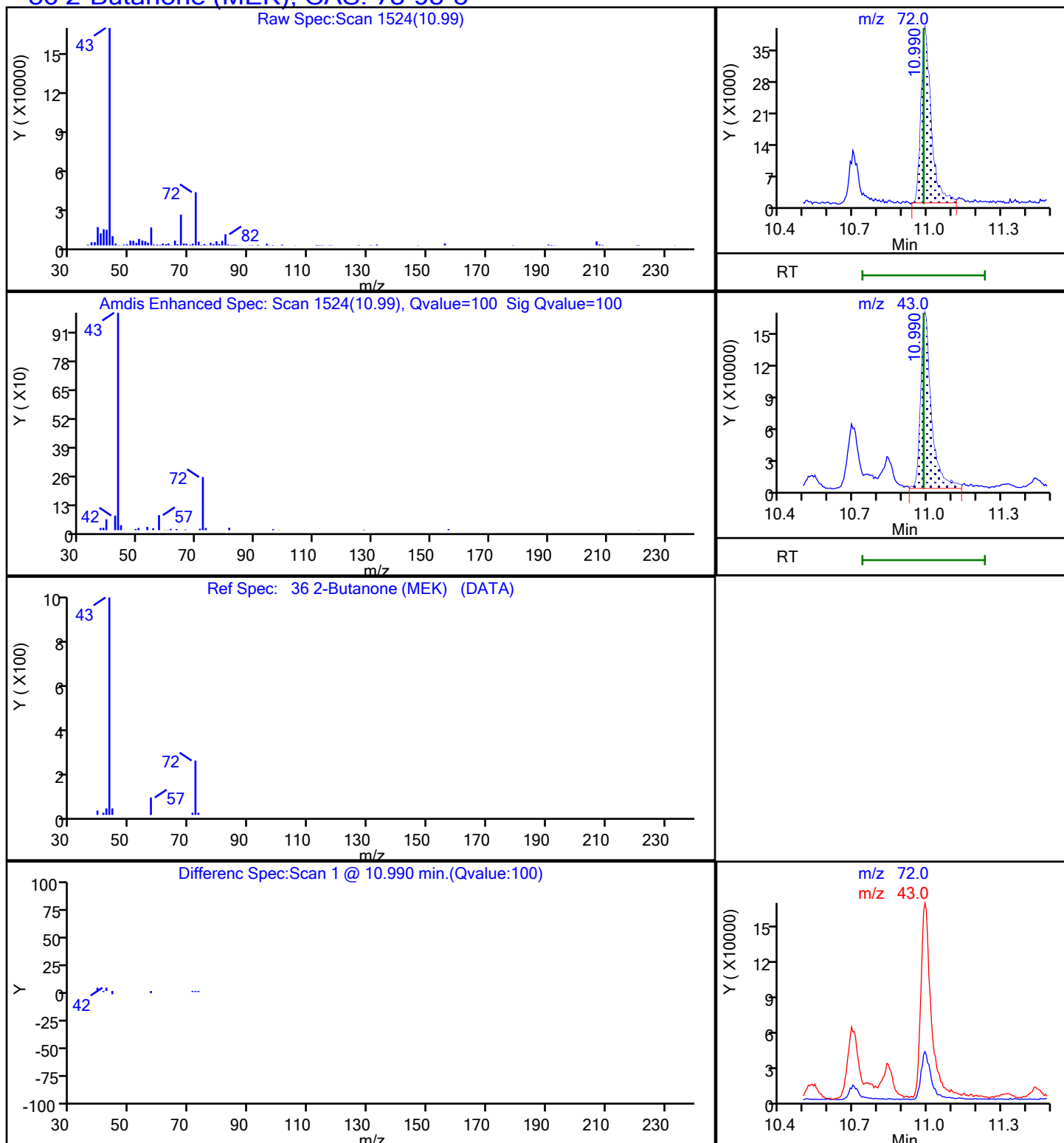
Dil. Factor: 1.0000

Method: TO15\_TO3\_MasterMethod\_W

Limit Group: AI\_TO15\_ICAL

Column: RTX-624 ( 0.32 mm)

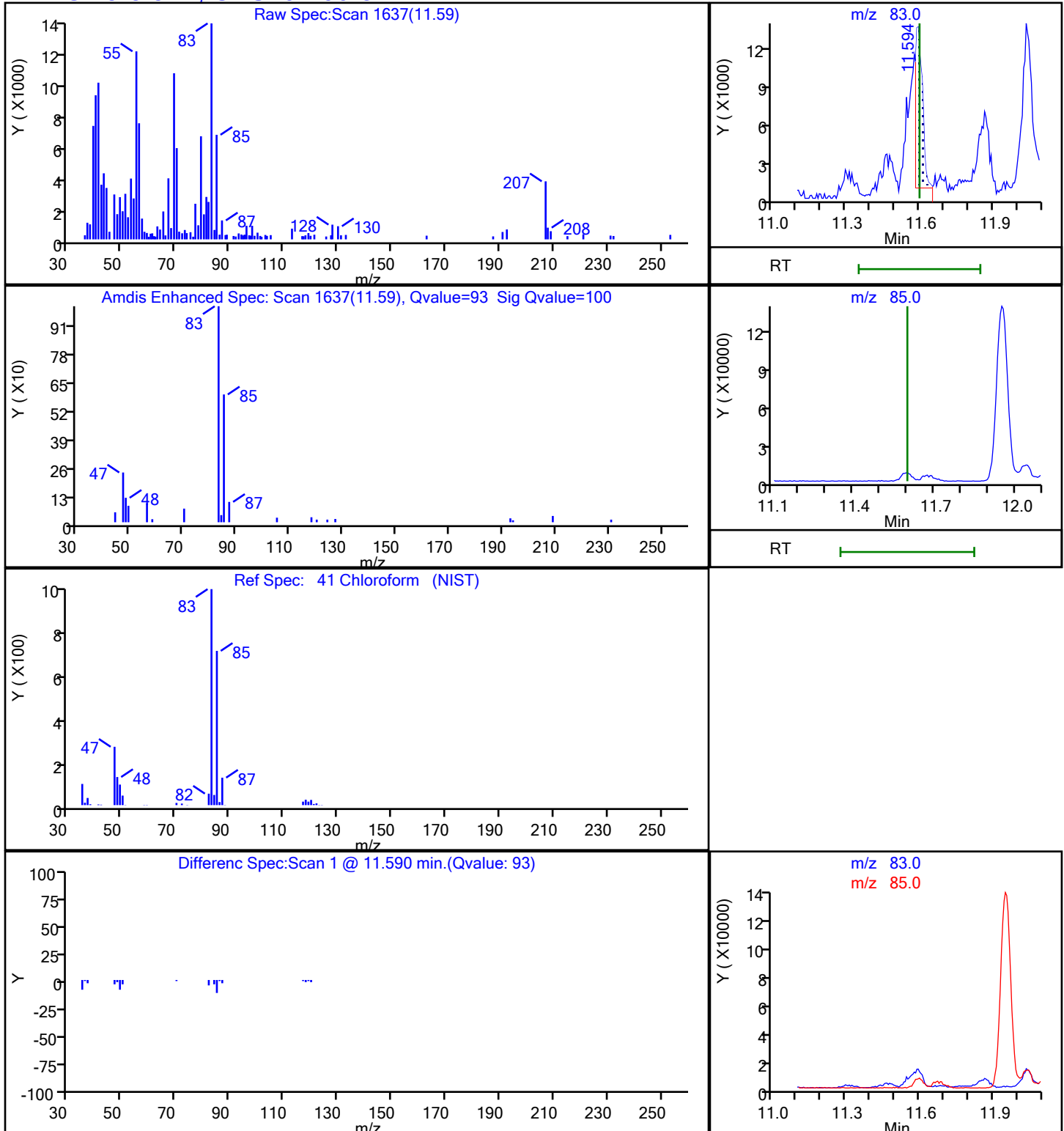
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**36 2-Butanone (MEK). CAS: 78-93-3**



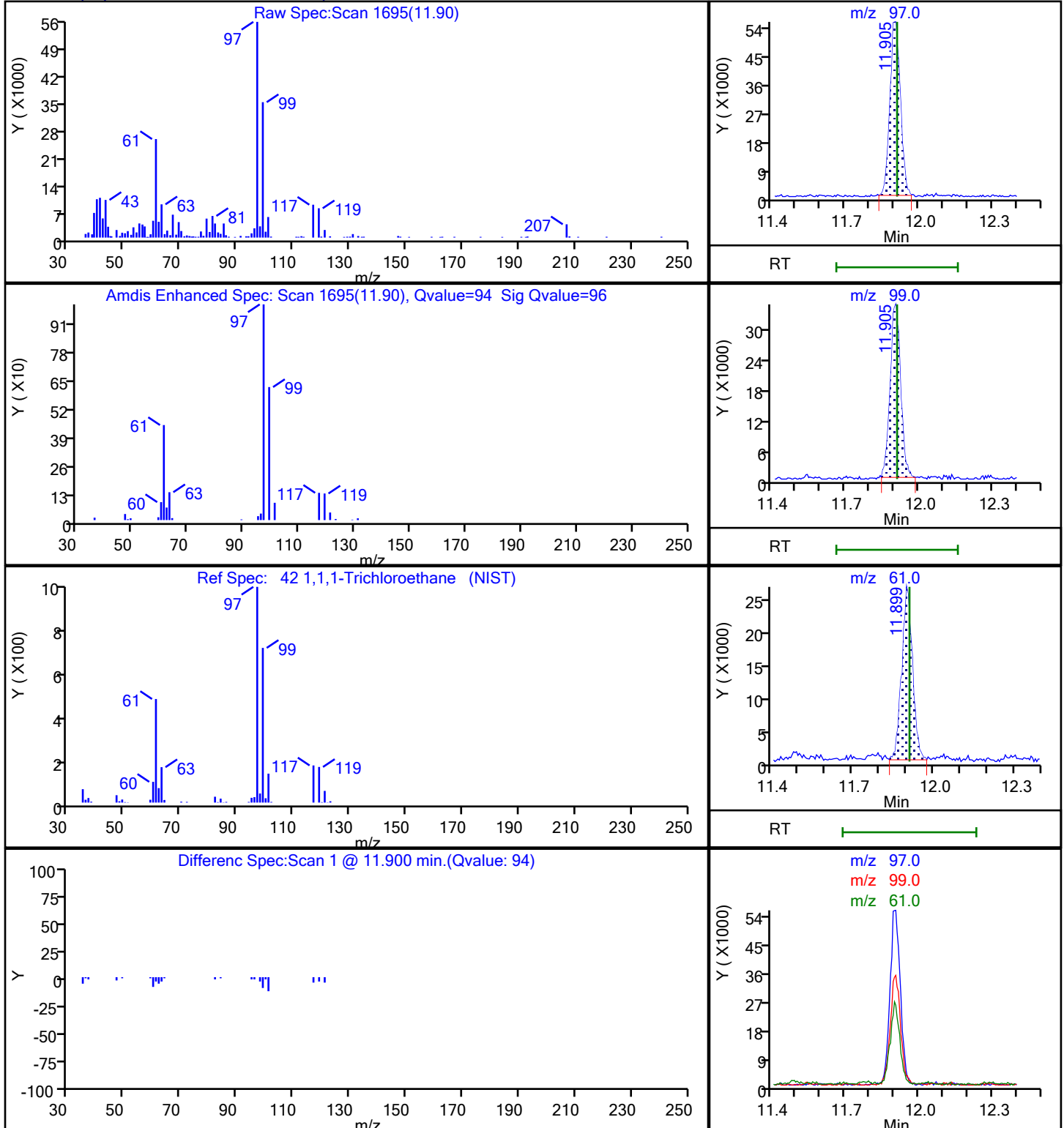
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Injection Date: 19-Dec-2020 03:40:30 Instrument ID: CHW.i  
Lims ID: 200-56451-A-5 Lab Sample ID: 200-56451-5  
Client ID: SG-205  
Operator ID: ggg ALS Bottle#: 21 Worklist Smp#: 22  
Purge Vol: 200.000 mL Dil. Factor: 1.0000  
Method: TO15\_TO3\_MasterMethod\_W Limit Group: AI\_TO15\_ICAL  
Column: RTX-624 ( 0.32 mm) Detector: MS SCAN

**41 Chloroform, CAS: 67-66-3**

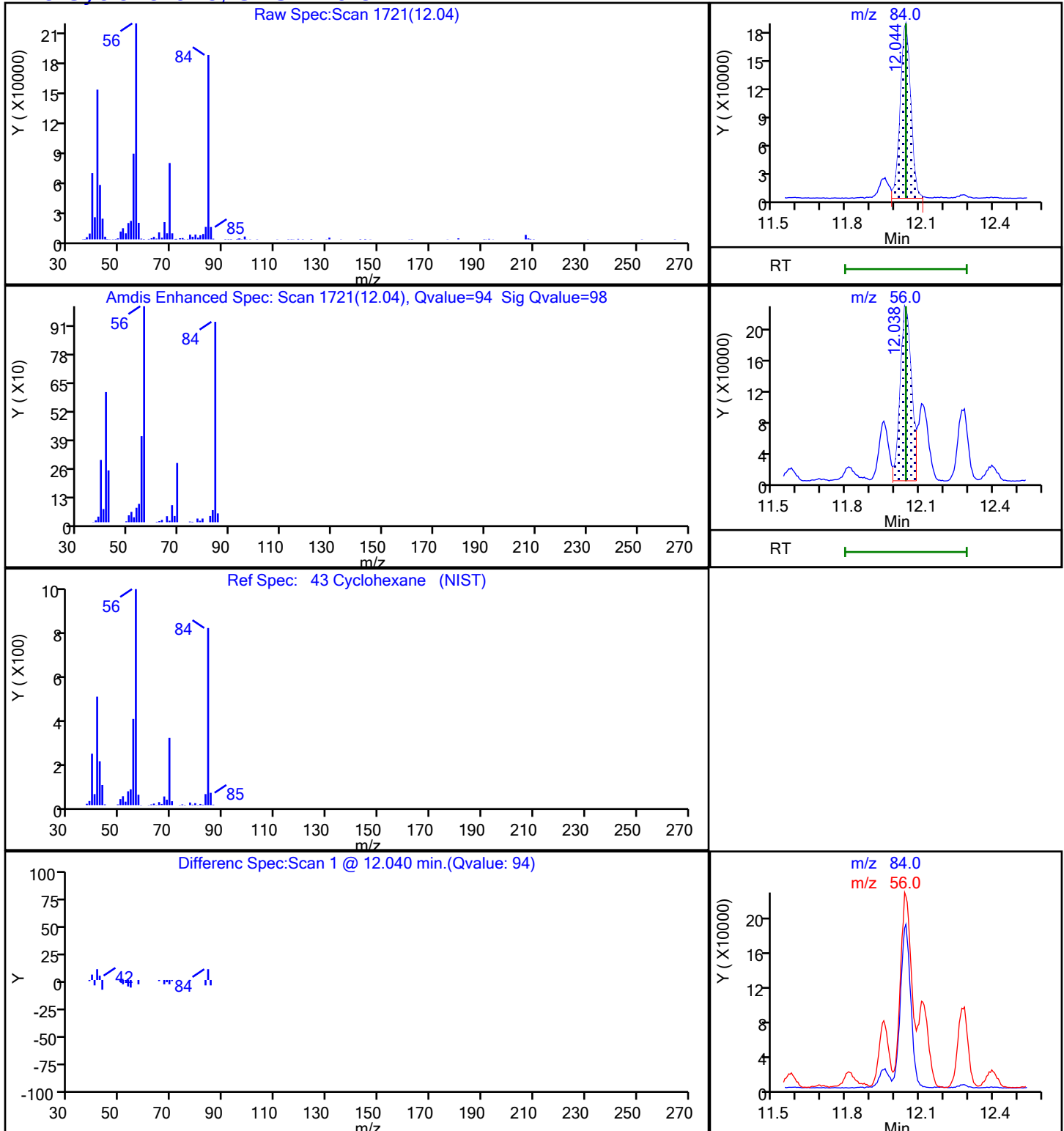
Eurofins TestAmerica, Burlington

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Lims ID: 200-56451-A-5 Lab Sample ID: 200-56451-5  
Client ID: SG-205  
Operator ID: ggg ALS Bottle#: 21 Worklist Smp#: 22  
Purge Vol: 200.000 mL Dil. Factor: 1.0000  
Method: TO15\_TO3\_MasterMethod\_W Limit Group: AI\_TO15\_ICAL  
Column: RTX-624 ( 0.32 mm) Detector MS SCAN

**42 1,1,1-Trichloroethane, CAS: 71-55-6**

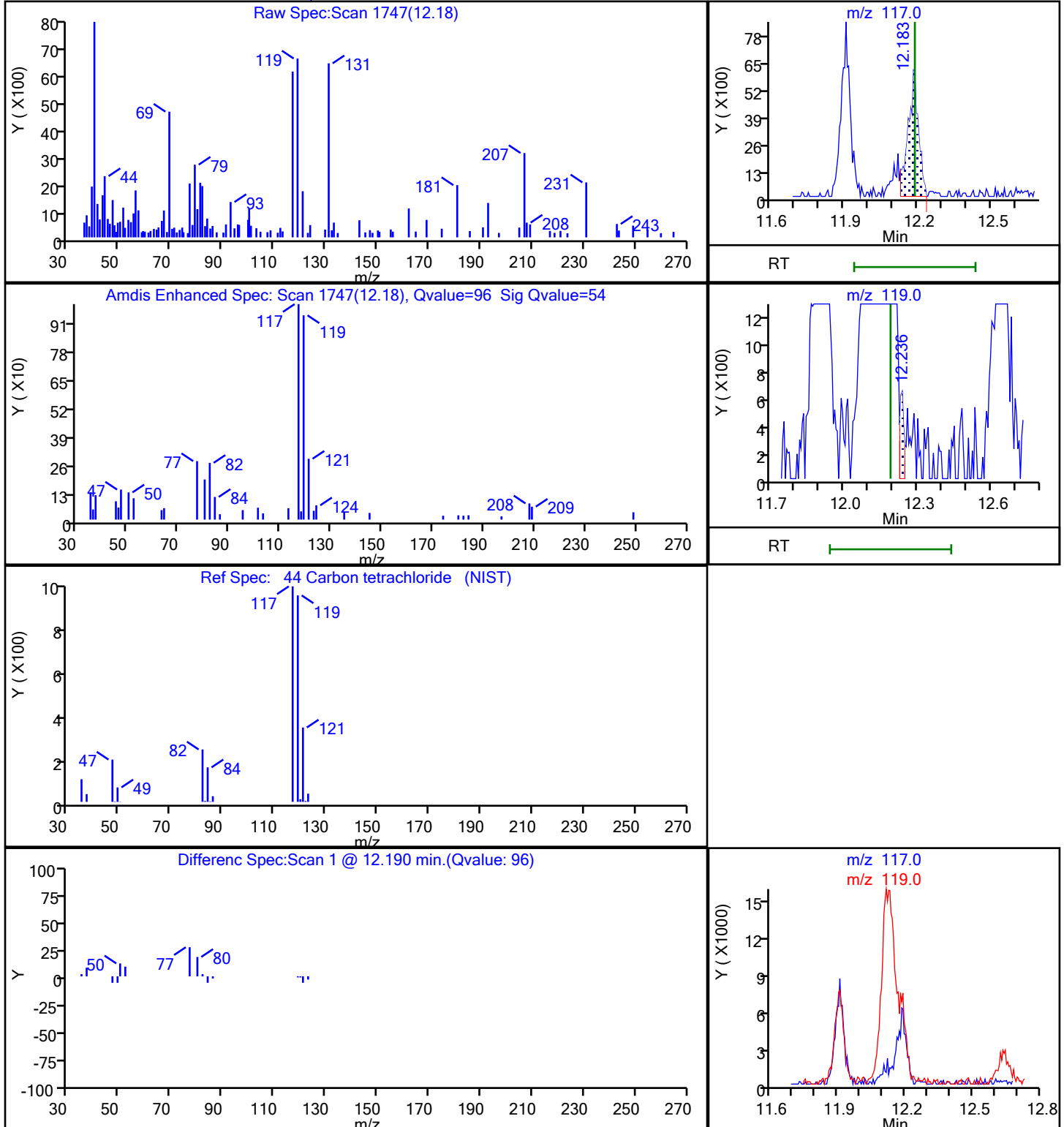
## Eurofins TestAmerica, Burlington

Data File: \\chromfs\Burlington\ChromData\CHW.i\20201218-44134.b\44134-022.d  
Injection Date: 19-Dec-2020 03:40:30 Instrument ID: CHW.i  
Lims ID: 200-56451-A-5 Lab Sample ID: 200-56451-5  
Client ID: SG-205  
Operator ID: ggg ALS Bottle#: 21 Worklist Smp#: 22  
Purge Vol: 200.000 mL Dil. Factor: 1.0000  
Method: TO15\_TO3\_MasterMethod\_W Limit Group: AI\_TO15\_ICAL  
Column: RTX-624 ( 0.32 mm) Detector MS SCAN

**43 Cyclohexane, CAS: 110-82-7**

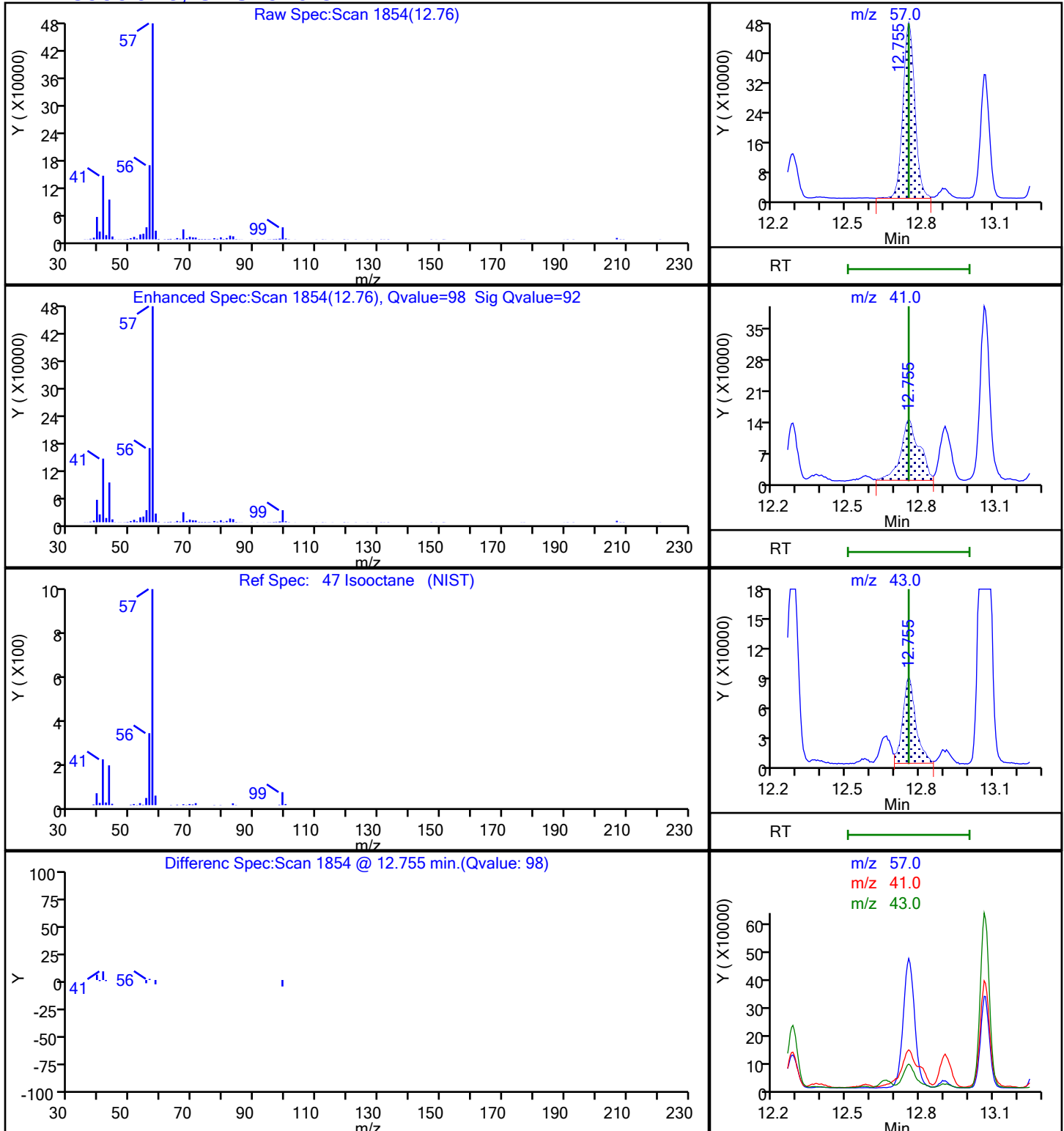
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Data File: \\chromfs\Burlington\ChromData\CHW.i\20201218-44134.b\44134-022.d  
Injection Date: 19-Dec-2020 03:40:30 Instrument ID: CHW.i  
Lims ID: 200-56451-A-5 Lab Sample ID: 200-56451-5  
Client ID: SG-205  
Operator ID: ggg ALS Bottle#: 21 Worklist Smp#: 22  
Purge Vol: 200.000 mL Dil. Factor: 1.0000  
Method: TO15\_TO3\_MasterMethod\_W Limit Group: AI\_TO15\_ICAL  
Column: RTX-624 ( 0.32 mm) Detector MS SCAN

**44 Carbon tetrachloride, CAS: 56-23-5**

Eurofins TestAmerica, Burlington

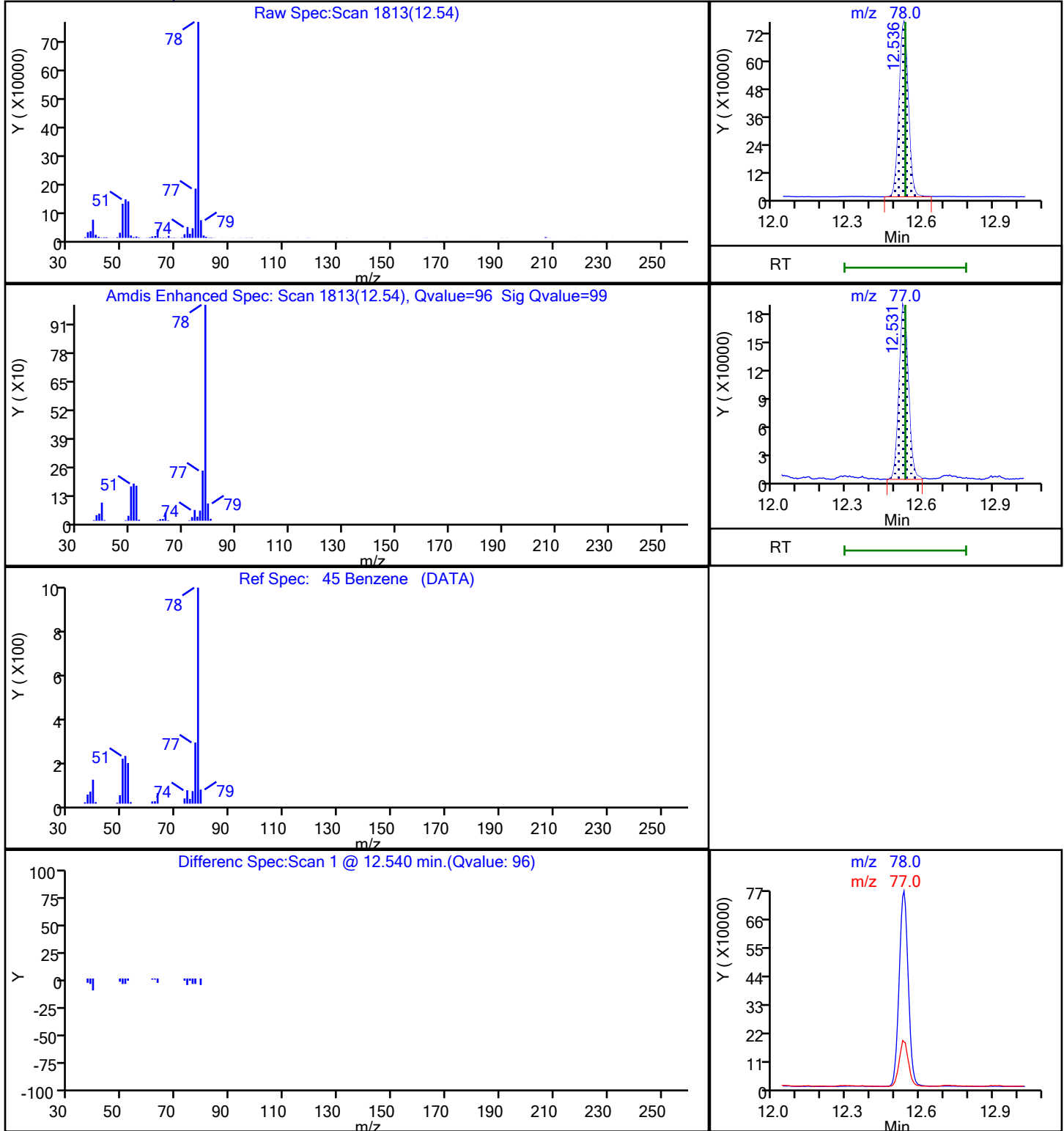
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Injection Date: 19-Dec-2020 03:40:30 Instrument ID: CHW.i  
Lims ID: 200-56451-A-5 Lab Sample ID: 200-56451-5  
Client ID: SG-205  
Operator ID: ggg ALS Bottle#: 21 Worklist Smp#: 22  
Purge Vol: 200.000 mL Dil. Factor: 1.0000  
Method: TO15\_TO3\_MasterMethod\_W Limit Group: AI\_TO15\_ICAL  
Column: RTX-624 ( 0.32 mm) Detector MS SCAN

**47 Isooctane, CAS: 540-84-1**

## Eurofins TestAmerica, Burlington

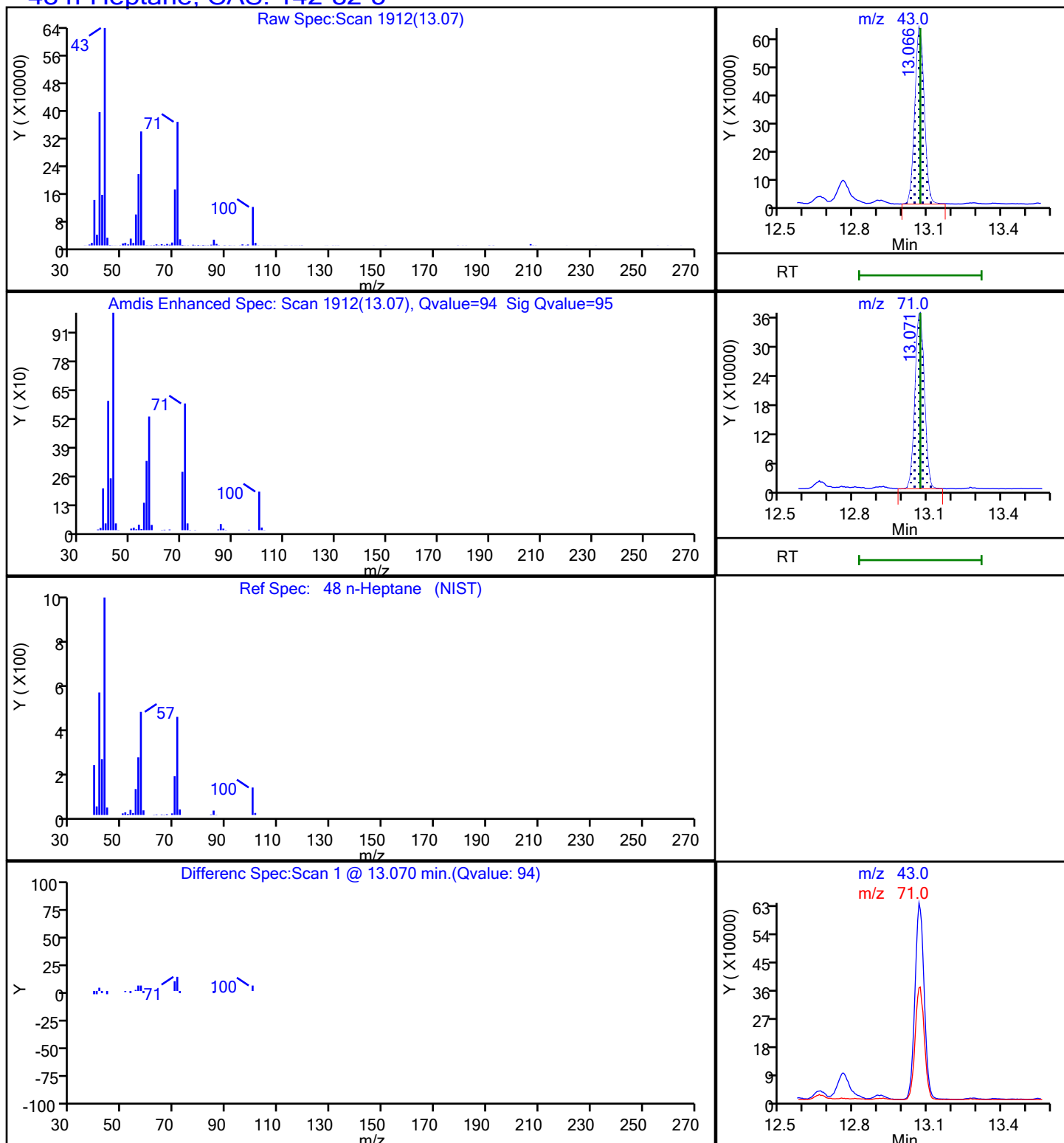
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Injection Date: 19-Dec-2020 03:40:30 Instrument ID: CHW.i  
Lims ID: 200-56451-A-5 Lab Sample ID: 200-56451-5  
Client ID: SG-205  
Operator ID: ggg ALS Bottle#: 21 Worklist Smp#: 22  
Purge Vol: 200.000 mL Dil. Factor: 1.0000  
Method: TO15\_TO3\_MasterMethod\_W Limit Group: AI\_TO15\_ICAL  
Column: RTX-624 ( 0.32 mm) Detector MS SCAN

## 45 Benzene, CAS: 71-43-2



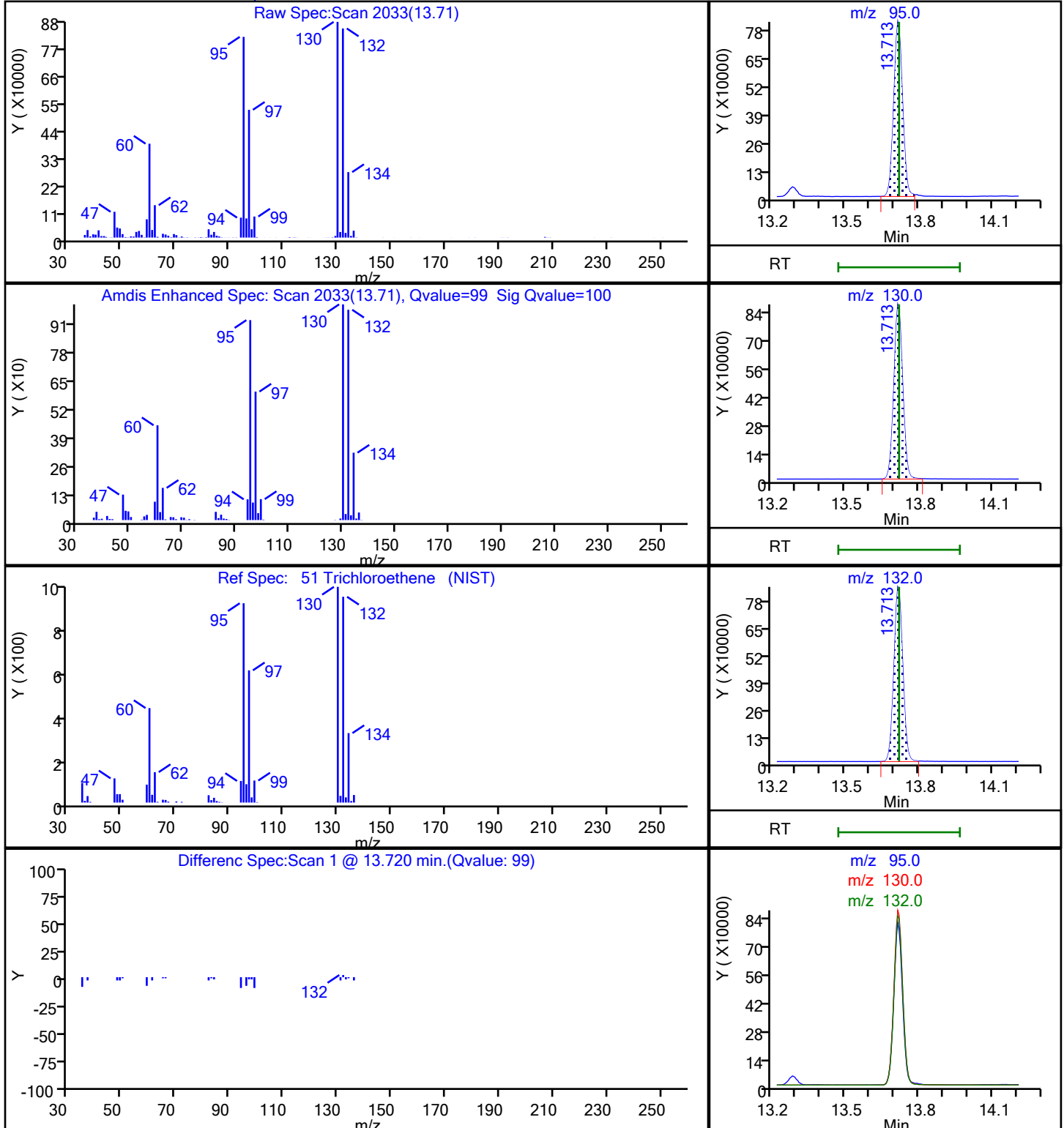
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Injection Date: 19-Dec-2020 03:40:30 Instrument ID: CHW.i  
Lims ID: 200-56451-A-5 Lab Sample ID: 200-56451-5  
Client ID: SG-205  
Operator ID: ggg ALS Bottle#: 21 Worklist Smp#: 22  
Purge Vol: 200.000 mL Dil. Factor: 1.0000  
Method: TO15\_TO3\_MasterMethod\_W Limit Group: AI\_TO15\_ICAL  
Column: RTX-624 ( 0.32 mm) Detector MS SCAN

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

## Eurofins TestAmerica, Burlington

Data File: \\chromfs\Burlington\ChromData\CHW.i\20201218-44134.b\44134-022.d  
Injection Date: 19-Dec-2020 03:40:30 Instrument ID: CHW.i  
Lims ID: 200-56451-A-5 Lab Sample ID: 200-56451-5  
Client ID: SG-205  
Operator ID: ggg ALS Bottle#: 21 Worklist Smp#: 22  
Purge Vol: 200.000 mL Dil. Factor: 1.0000  
Method: TO15\_TO3\_MasterMethod\_W Limit Group: AI\_TO15\_ICAL  
Column: RTX-624 ( 0.32 mm) Detector: MS SCAN

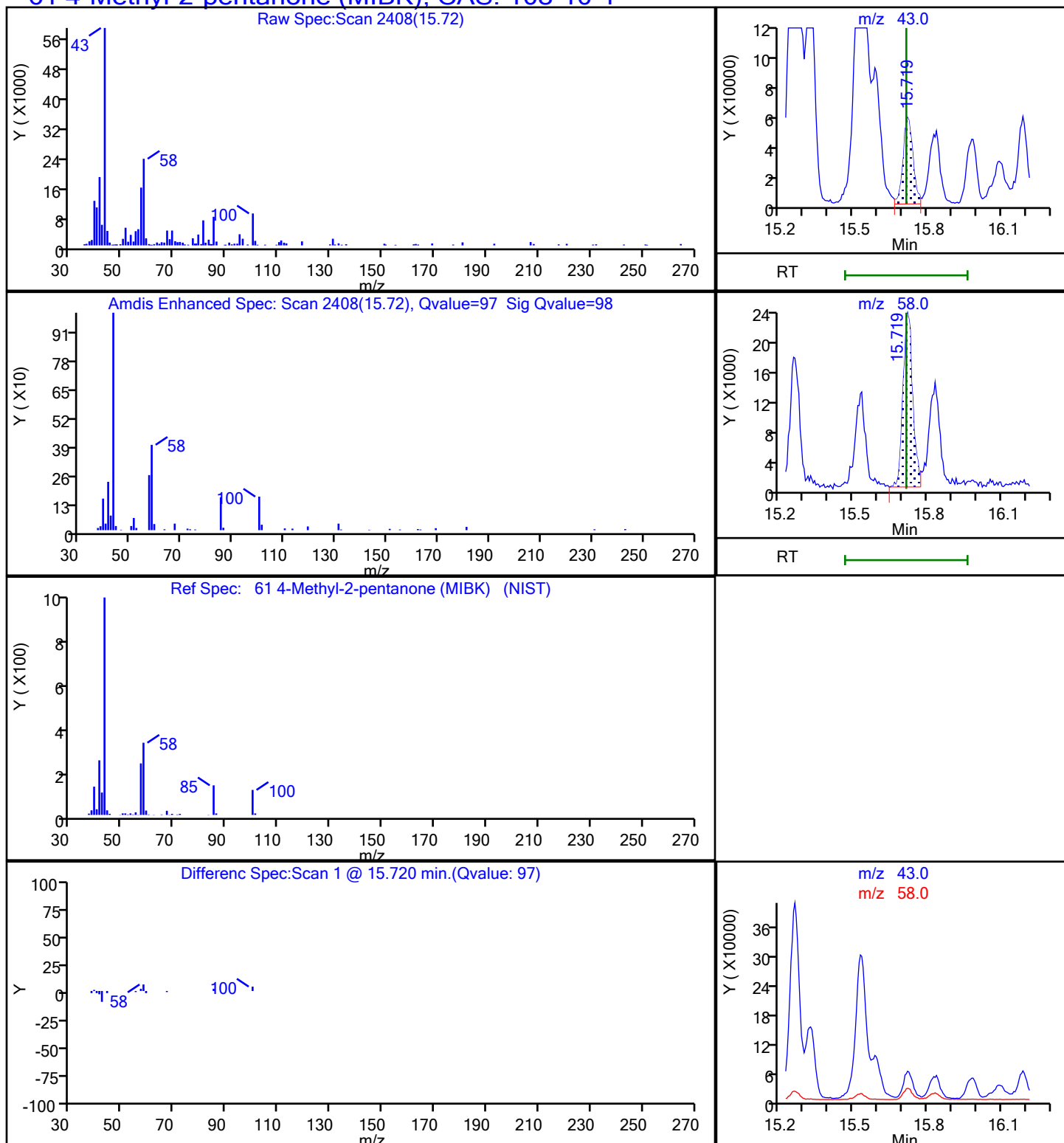
**51 Trichloroethene, CAS: 79-01-6**



## Eurofins TestAmerica, Burlington

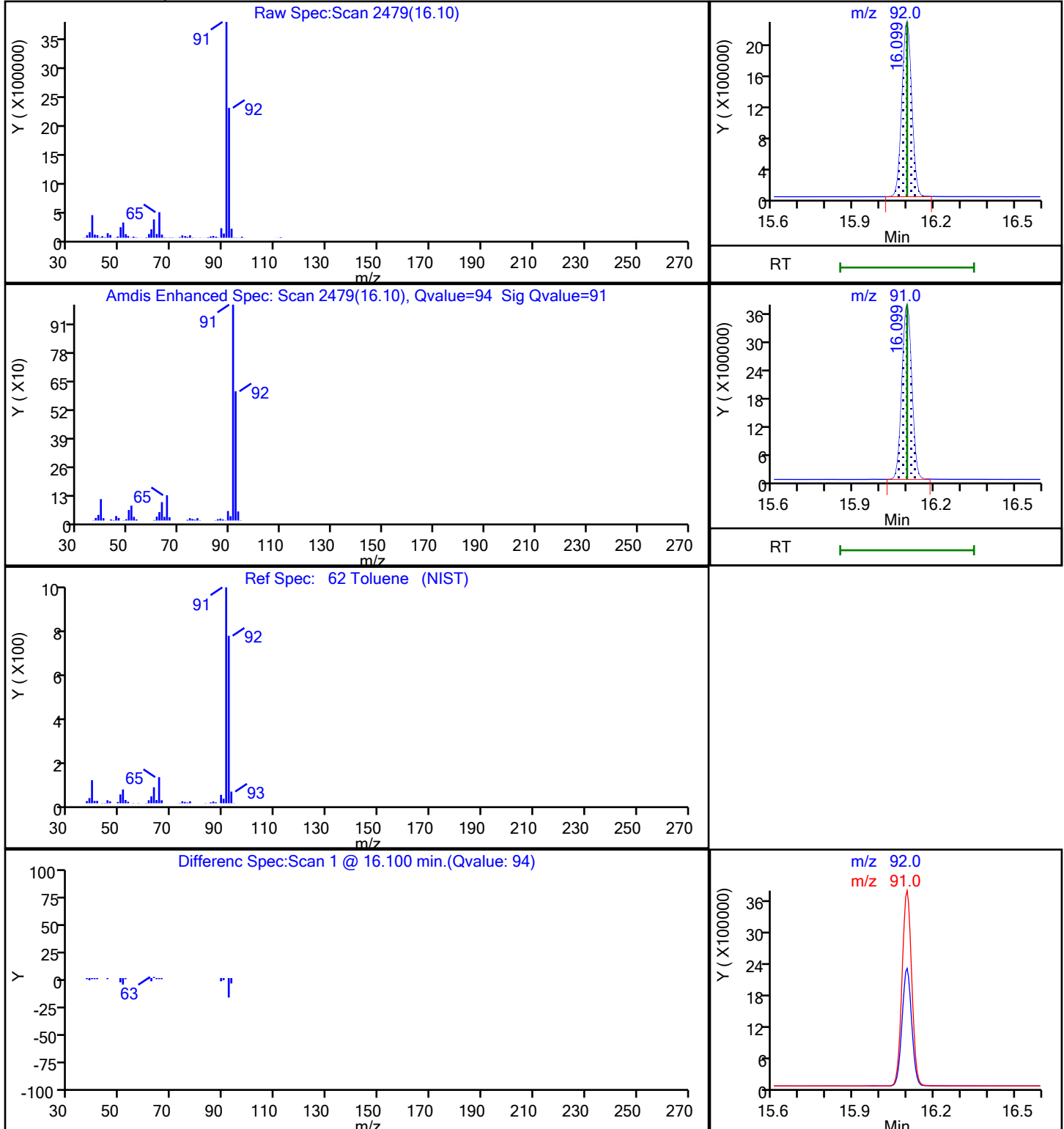
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Lims ID: 200-56451-A-5 Lab Sample ID: 200-56451-5  
Client ID: SG-205  
Operator ID: ggg ALS Bottle#: 21 Worklist Smp#: 22  
Purge Vol: 200.000 mL Dil. Factor: 1.0000  
Method: TO15\_TO3\_MasterMethod\_W Limit Group: AI\_TO15\_ICAL  
Column: RTX-624 ( 0.32 mm) Detector MS SCAN

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



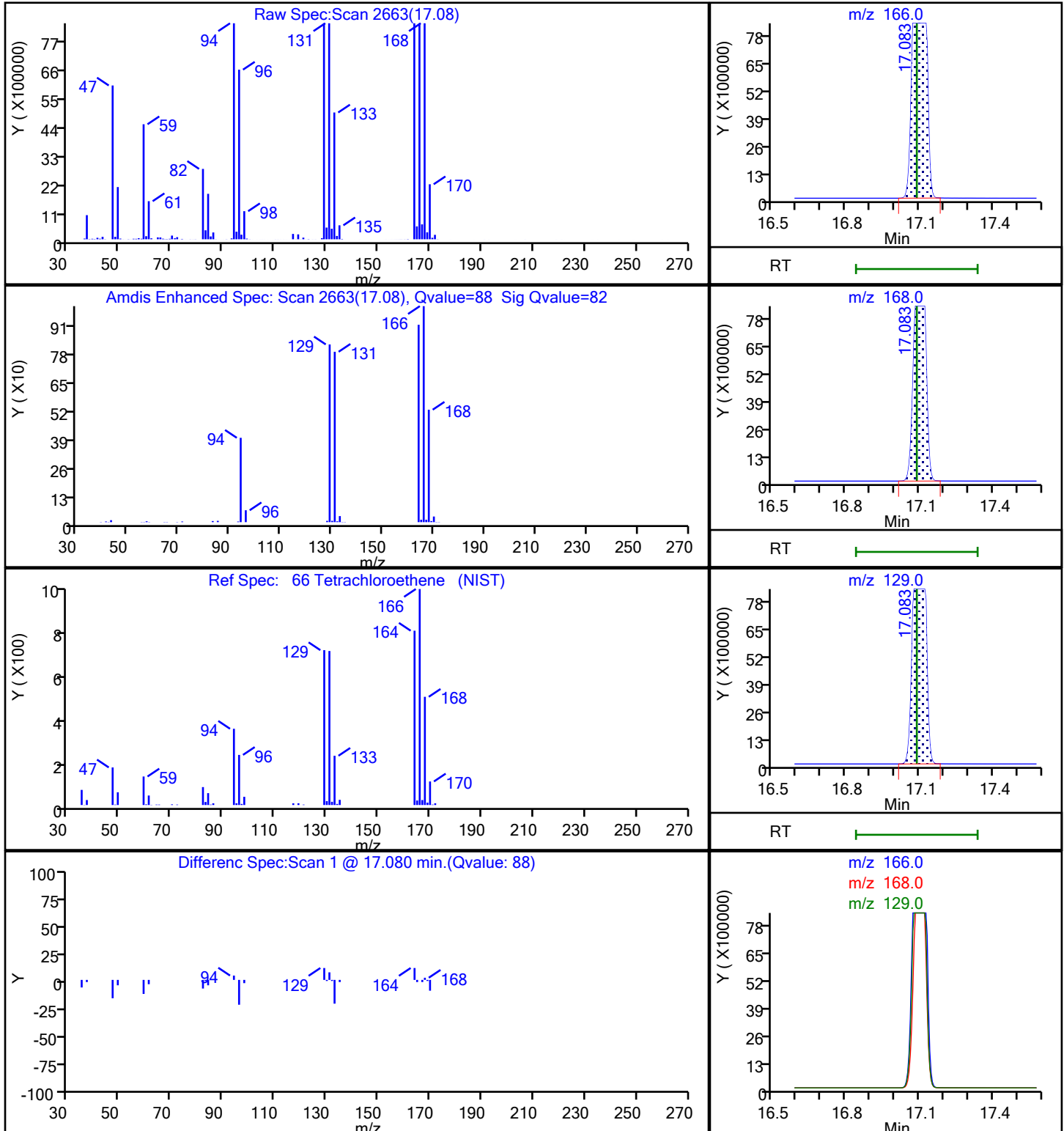
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Injection Date: 19-Dec-2020 03:40:30 Instrument ID: CHW.i  
Lims ID: 200-56451-A-5 Lab Sample ID: 200-56451-5  
Client ID: SG-205  
Operator ID: ggg ALS Bottle#: 21 Worklist Smp#: 22  
Purge Vol: 200.000 mL Dil. Factor: 1.0000  
Method: TO15\_TO3\_MasterMethod\_W Limit Group: AI\_TO15\_ICAL  
Column: RTX-624 ( 0.32 mm) Detector MS SCAN

**62 Toluene, CAS: 108-88-3**

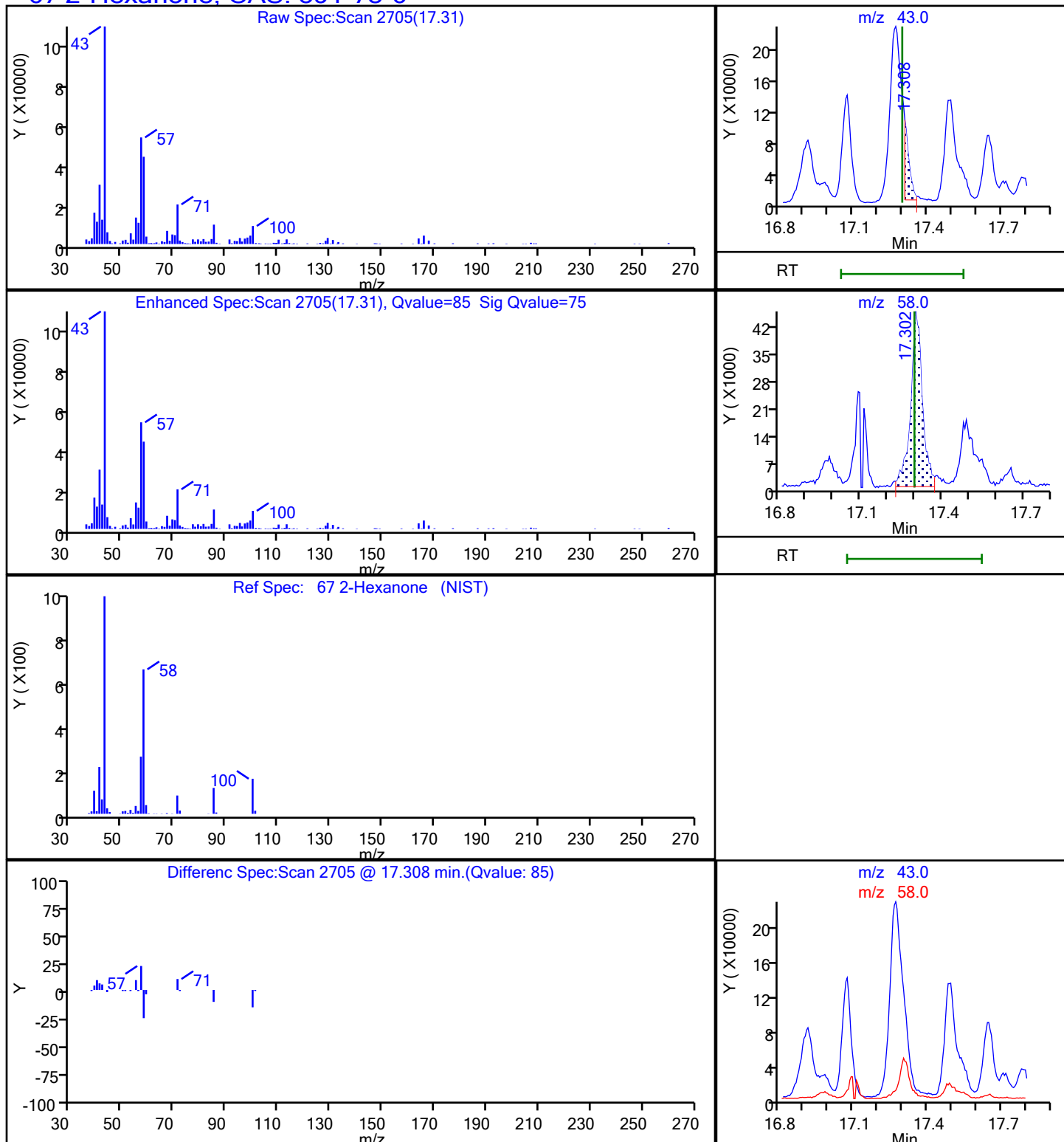
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Lims ID: 200-56451-A-5 Lab Sample ID: 200-56451-5  
Client ID: SG-205  
Operator ID: ggg ALS Bottle#: 21 Worklist Smp#: 22  
Purge Vol: 200.000 mL Dil. Factor: 1.0000  
Method: TO15\_TO3\_MasterMethod\_W Limit Group: AI\_TO15\_ICAL  
Column: RTX-624 ( 0.32 mm) Detector MS SCAN

**66 Tetrachloroethene, CAS: 127-18-4****Potential Peak Saturated**

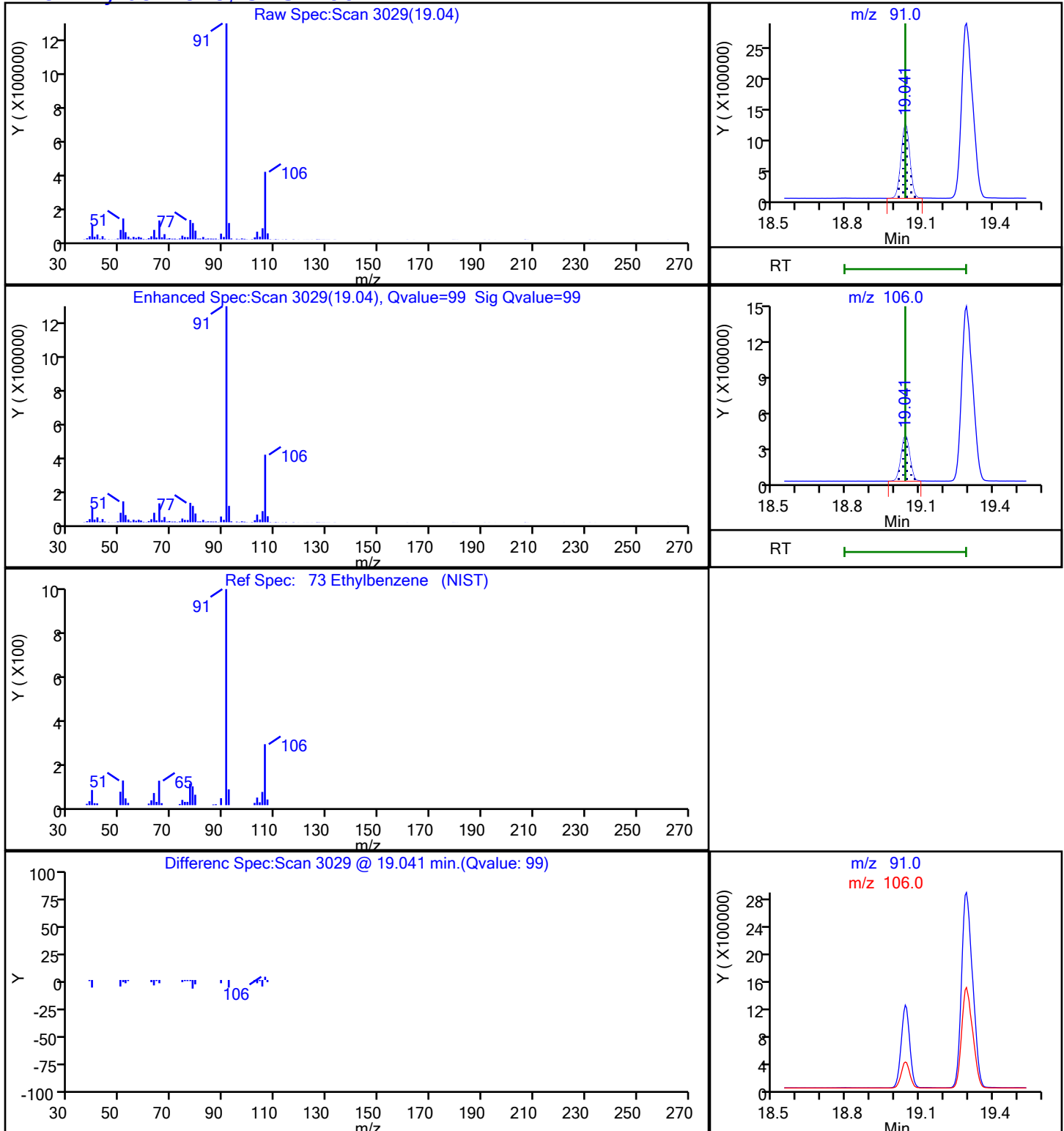
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Injection Date: 19-Dec-2020 03:40:30 Instrument ID: CHW.i  
Lims ID: 200-56451-A-5 Lab Sample ID: 200-56451-5  
Client ID: SG-205  
Operator ID: ggg ALS Bottle#: 21 Worklist Smp#: 22  
Purge Vol: 200.000 mL Dil. Factor: 1.0000  
Method: TO15\_TO3\_MasterMethod\_W Limit Group: AI\_TO15\_ICAL  
Column: RTX-624 ( 0.32 mm) Detector: MS SCAN

**67 2-Hexanone, CAS: 591-78-6**

## Eurofins TestAmerica, Burlington

Data File: \\chromfs\Burlington\ChromData\CHW.i\20201218-44134.b\44134-022.d  
Injection Date: 19-Dec-2020 03:40:30 Instrument ID: CHW.i  
Lims ID: 200-56451-A-5 Lab Sample ID: 200-56451-5  
Client ID: SG-205  
Operator ID: ggg ALS Bottle#: 21 Worklist Smp#: 22  
Purge Vol: 200.000 mL Dil. Factor: 1.0000  
Method: TO15\_TO3\_MasterMethod\_W Limit Group: AI\_TO15\_ICAL  
Column: RTX-624 ( 0.32 mm) Detector MS SCAN

**73 Ethylbenzene, CAS: 100-41-4**

Eurofins TestAmerica, Burlington

Data File: \\chromfs\Burlington\ChromData\CHW.i\20201218-44134.b\44134-022.d

Injection Date: 19-Dec-2020 03:40:30

Instrument ID: CHW.i

Lims ID: 200-56451-A-5

Lab Sample ID: 200-56451-5

Client ID: SG-205

Operator ID: ggg

ALS Bottle#: 21

Worklist Smp#: 22

Purge Vol: 200.000 mL

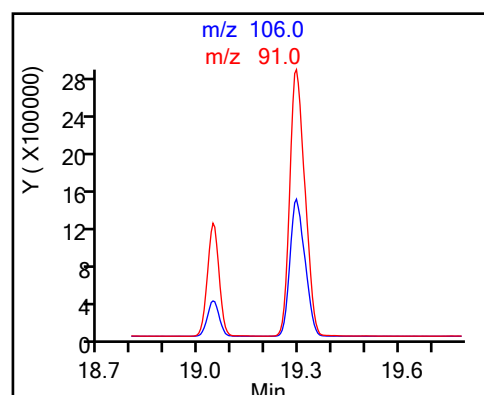
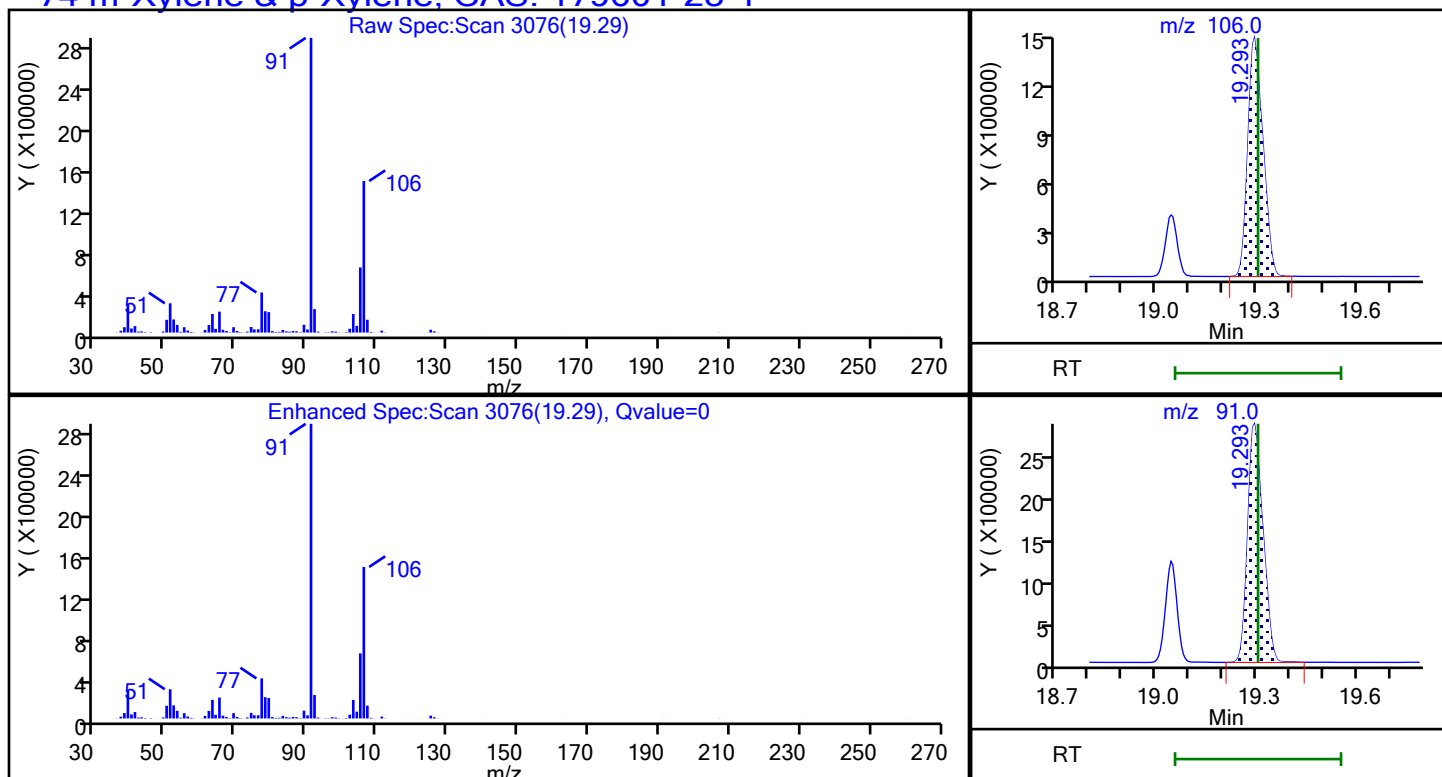
Dil. Factor: 1.0000

Method: TO15\_TO3\_MasterMethod\_W

Limit Group: AI\_TO15\_ICAL

Column: RTX-624 ( 0.32 mm)

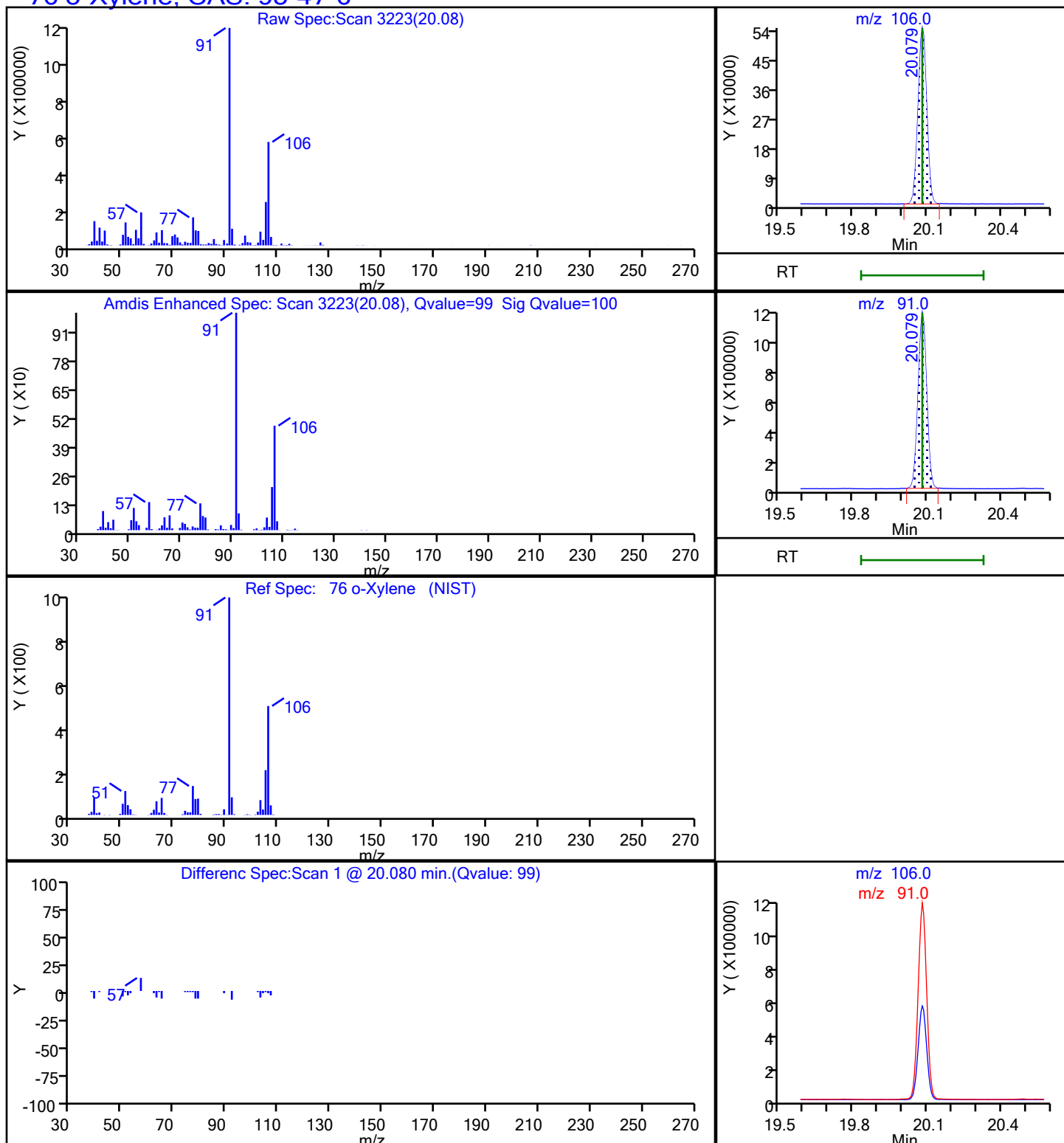
Detector: MS SCAN

**74 m-Xylene & p-Xylene, CAS: 179601-23-1**

## Eurofins TestAmerica, Burlington

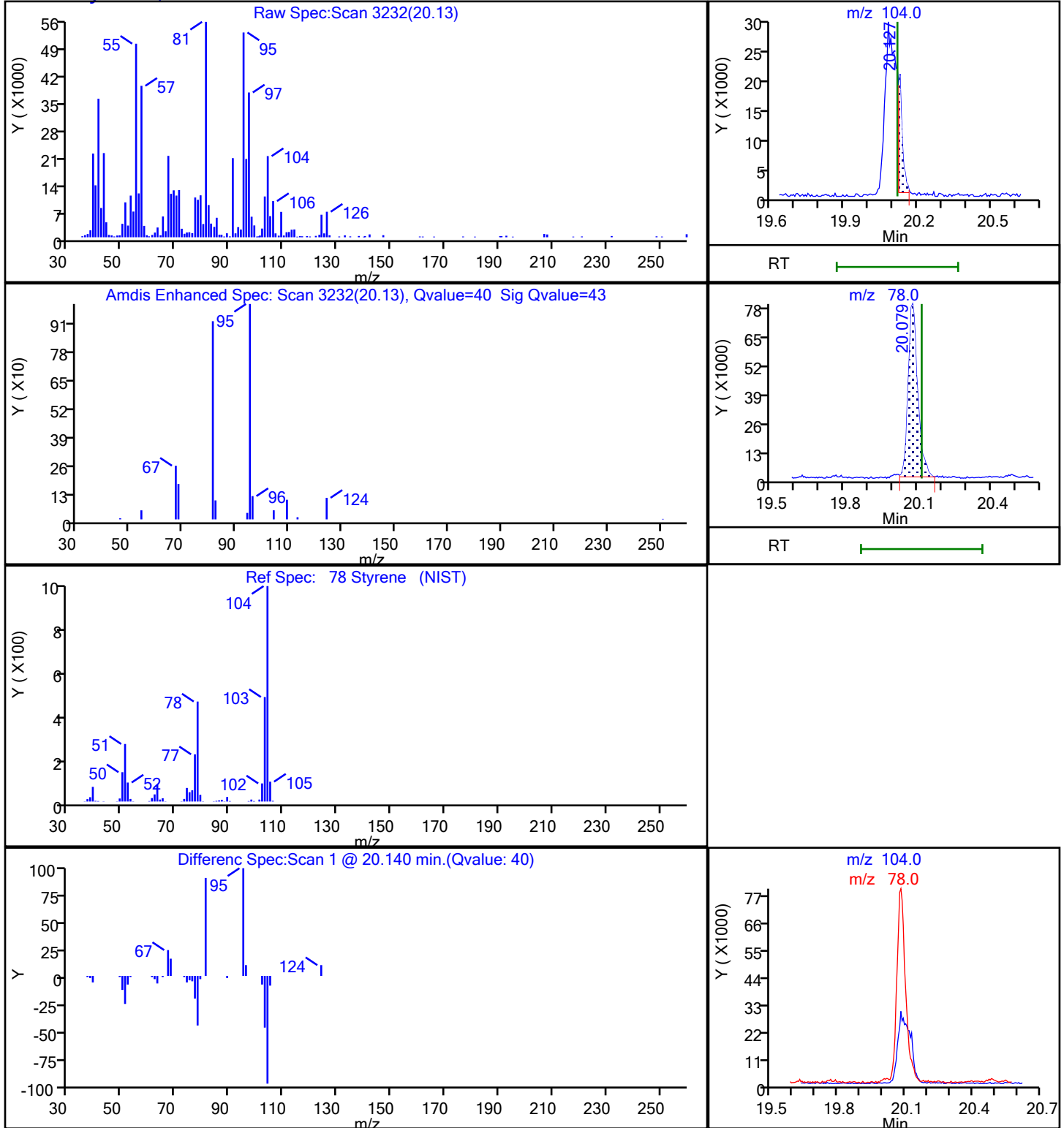
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Injection Date: 19-Dec-2020 03:40:30 Instrument ID: CHW.i  
Lims ID: 200-56451-A-5 Lab Sample ID: 200-56451-5  
Client ID: SG-205  
Operator ID: ggg ALS Bottle#: 21 Worklist Smp#: 22  
Purge Vol: 200.000 mL Dil. Factor: 1.0000  
Method: TO15\_TO3\_MasterMethod\_W Limit Group: AI\_TO15\_ICAL  
Column: RTX-624 ( 0.32 mm) Detector MS SCAN

## 76 o-Xylene, CAS: 95-47-6



## Eurofins TestAmerica, Burlington

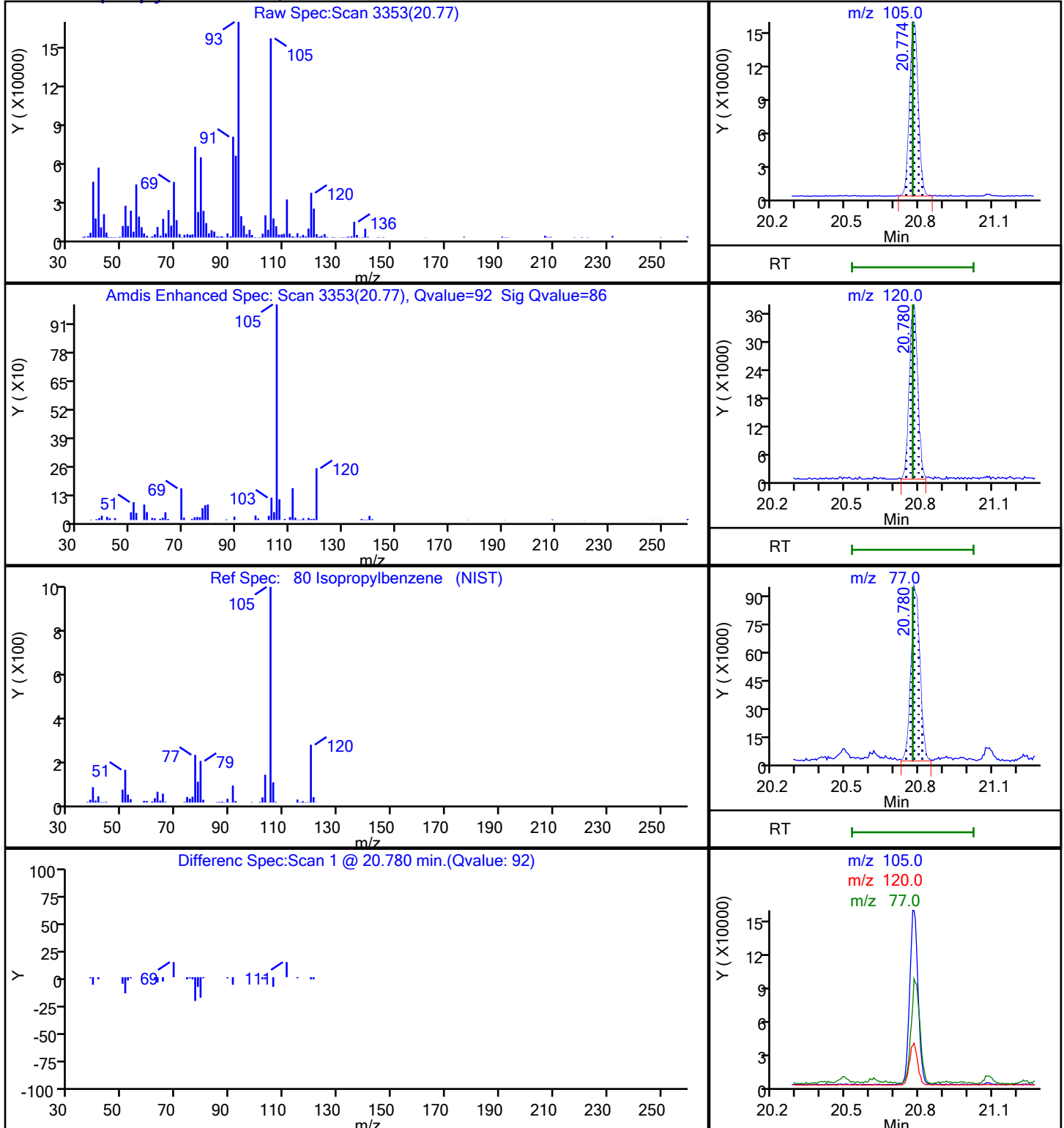
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Injection Date: 19-Dec-2020 03:40:30 Instrument ID: CHW.i  
Lims ID: 200-56451-A-5 Lab Sample ID: 200-56451-5  
Client ID: SG-205  
Operator ID: ggg ALS Bottle#: 21 Worklist Smp#: 22  
Purge Vol: 200.000 mL Dil. Factor: 1.0000  
Method: TO15\_TO3\_MasterMethod\_W Limit Group: AI\_TO15\_ICAL  
Column: RTX-624 ( 0.32 mm) Detector: MS SCAN

**78 Styrene, CAS: 100-42-5**



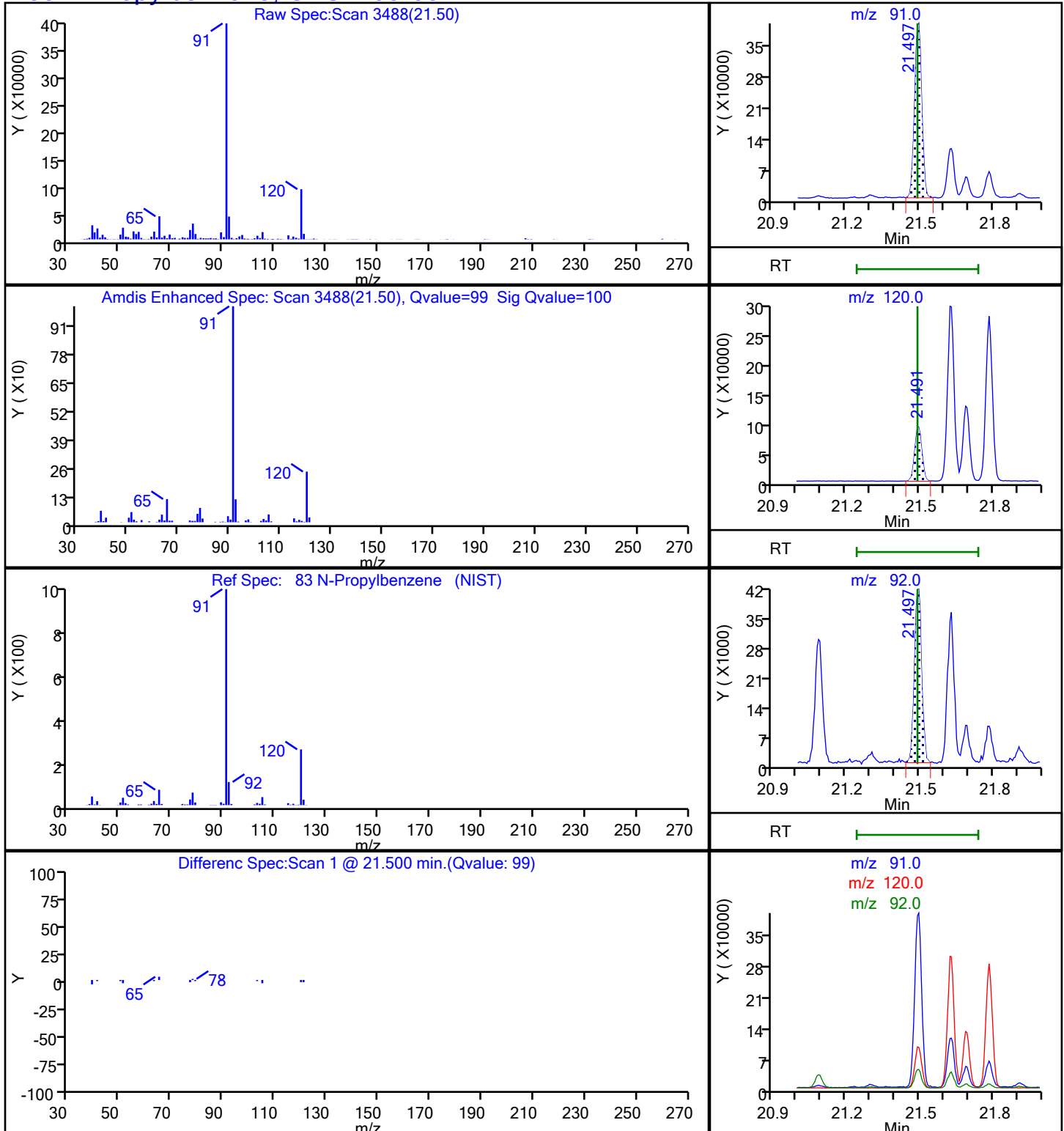
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Lims ID: 200-56451-A-5 Lab Sample ID: 200-56451-5  
Client ID: SG-205  
Operator ID: ggg ALS Bottle#: 21 Worklist Smp#: 22  
Purge Vol: 200.000 mL Dil. Factor: 1.0000  
Method: TO15\_TO3\_MasterMethod\_W Limit Group: AI\_TO15\_ICAL  
Column: RTX-624 ( 0.32 mm) Detector MS SCAN

**80 Isopropylbenzene, CAS: 98-82-8**

## Eurofins TestAmerica, Burlington

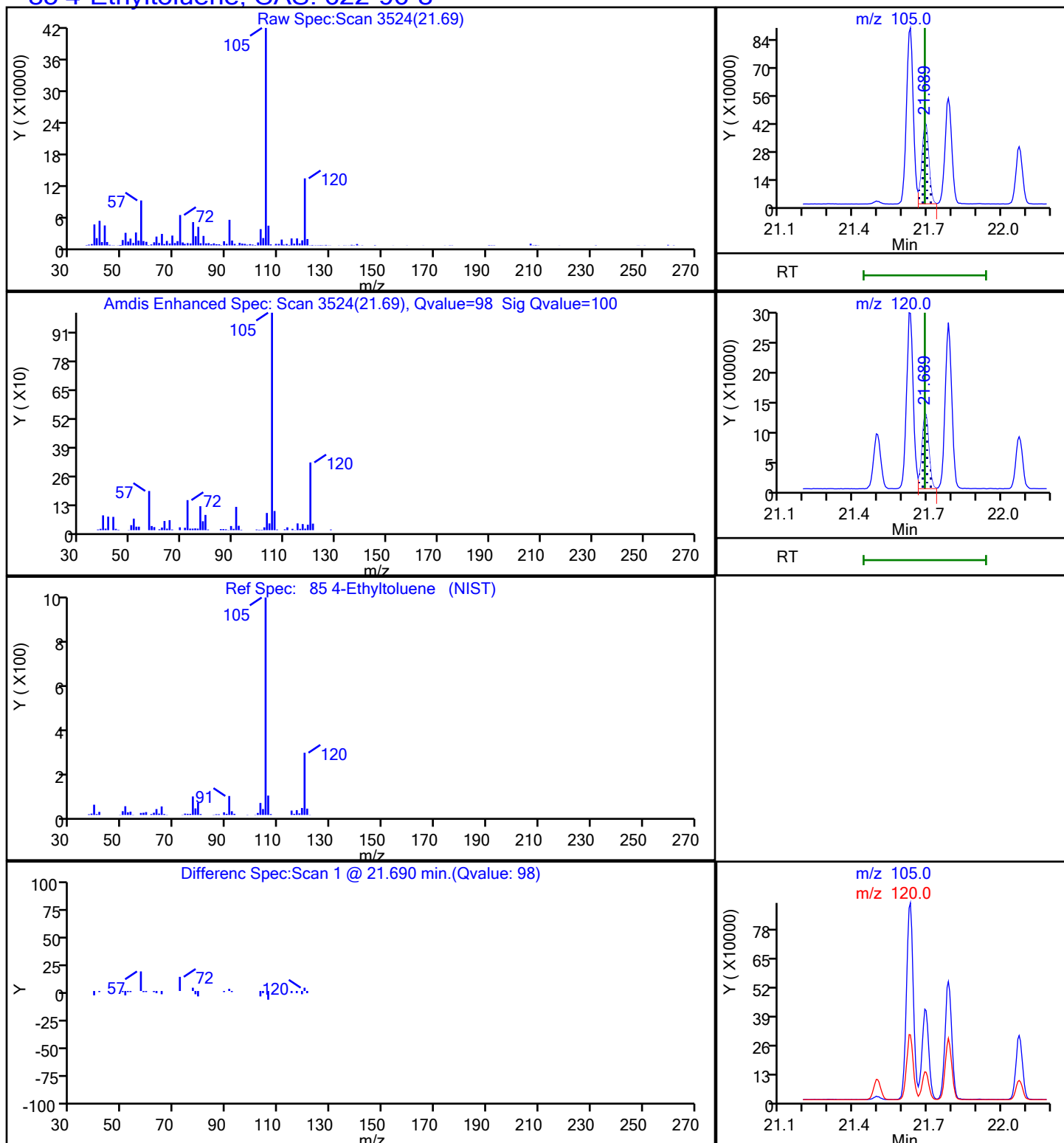
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Injection Date: 19-Dec-2020 03:40:30 Instrument ID: CHW.i  
Lims ID: 200-56451-A-5 Lab Sample ID: 200-56451-5  
Client ID: SG-205  
Operator ID: ggg ALS Bottle#: 21 Worklist Smp#: 22  
Purge Vol: 200.000 mL Dil. Factor: 1.0000  
Method: TO15\_TO3\_MasterMethod\_W Limit Group: AI\_TO15\_ICAL  
Column: RTX-624 ( 0.32 mm) Detector MS SCAN

**83 N-Propylbenzene, CAS: 103-65-1**

## Eurofins TestAmerica, Burlington

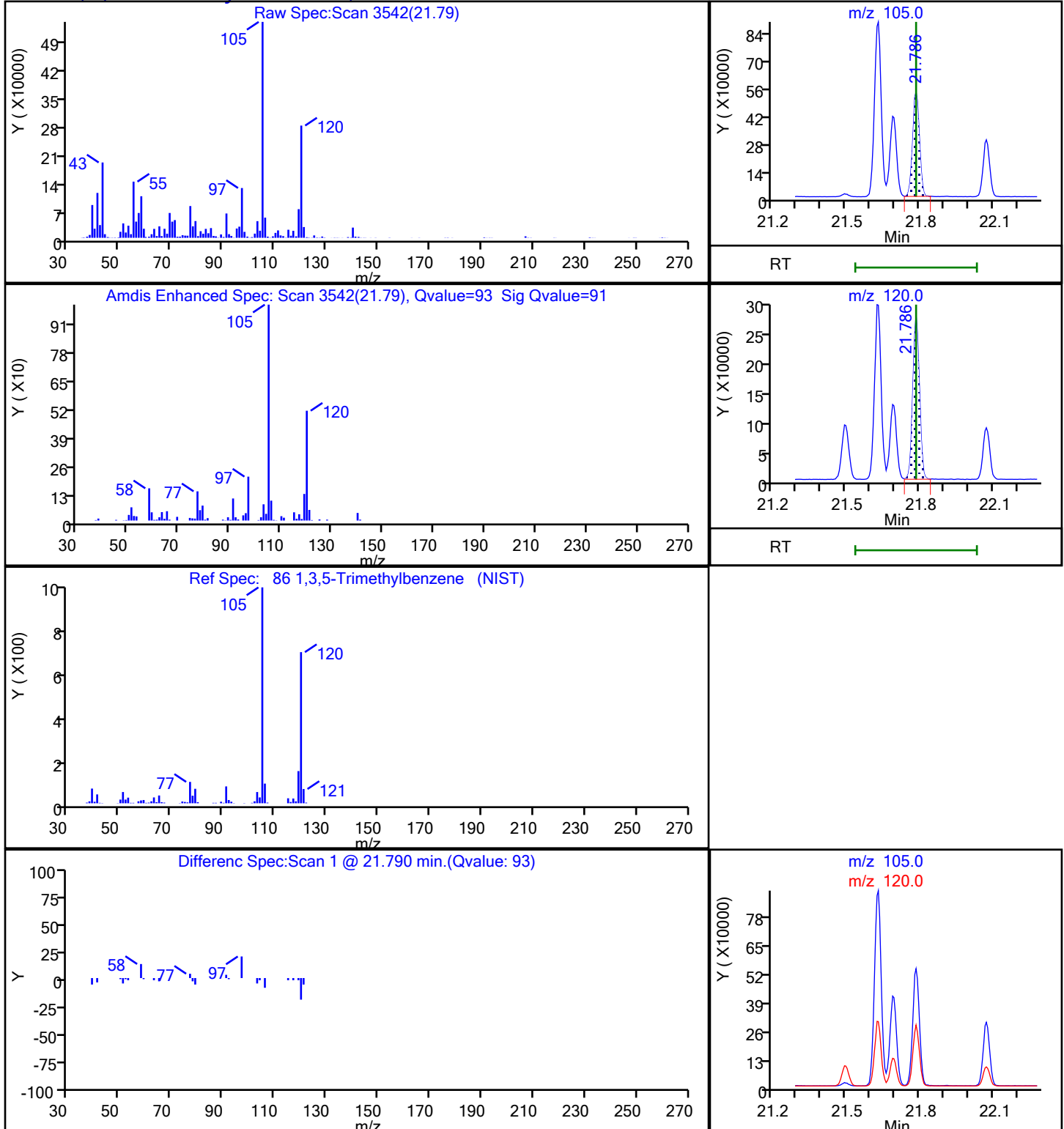
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Injection Date: 19-Dec-2020 03:40:30 Instrument ID: CHW.i  
Lims ID: 200-56451-A-5 Lab Sample ID: 200-56451-5  
Client ID: SG-205  
Operator ID: ggg ALS Bottle#: 21 Worklist Smp#: 22  
Purge Vol: 200.000 mL Dil. Factor: 1.0000  
Method: TO15\_TO3\_MasterMethod\_W Limit Group: AI\_TO15\_ICAL  
Column: RTX-624 ( 0.32 mm) Detector: MS SCAN

## 85 4-Ethyltoluene, CAS: 622-96-8



Eurofins TestAmerica, Burlington

Data File: \\chromfs\Burlington\ChromData\CHW.i\20201218-44134.b\44134-022.d  
Injection Date: 19-Dec-2020 03:40:30 Instrument ID: CHW.i  
Lims ID: 200-56451-A-5 Lab Sample ID: 200-56451-5  
Client ID: SG-205  
Operator ID: ggg ALS Bottle#: 21 Worklist Smp#: 22  
Purge Vol: 200.000 mL Dil. Factor: 1.0000  
Method: TO15\_TO3\_MasterMethod\_W Limit Group: AI\_TO15\_ICAL  
Column: RTX-624 ( 0.32 mm) Detector MS SCAN

**86 1,3,5-Trimethylbenzene, CAS: 108-67-8**

Eurofins TestAmerica, Burlington

Data File: \\chromfs\Burlington\ChromData\CHW.i\20201218-44134.b\44134-022.d

Injection Date: 19-Dec-2020 03:40:30

Instrument ID: CHW.i

Lims ID: 200-56451-A-5

Lab Sample ID: 200-56451-5

Client ID: SG-205

Operator ID: ggg

ALS Bottle#: 21

Worklist Smp#: 22

Purge Vol: 200.000 mL

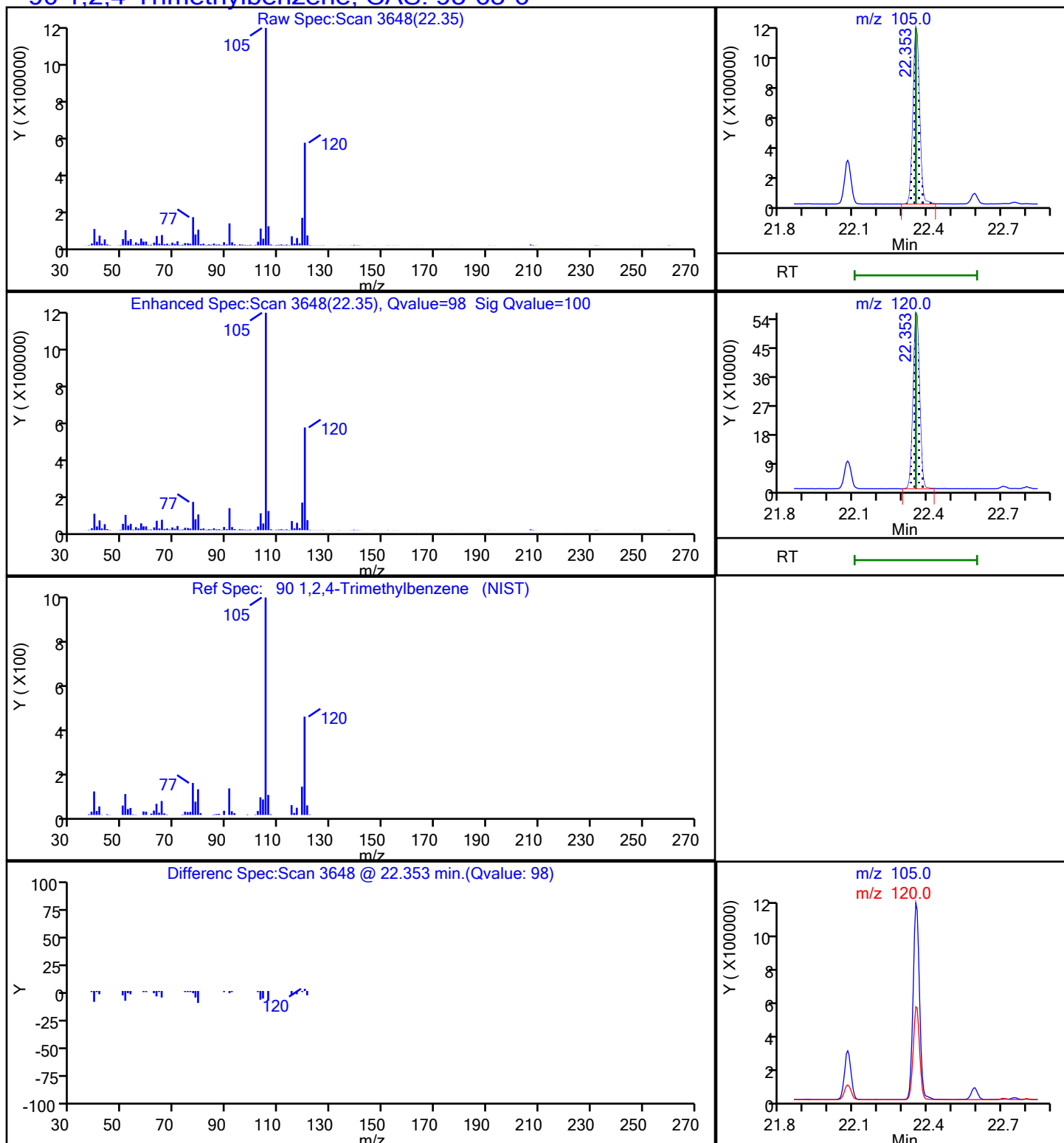
Dil. Factor: 1.0000

Method: TO15\_TO3\_MasterMethod\_W

Limit Group: AI\_TO15\_ICAL

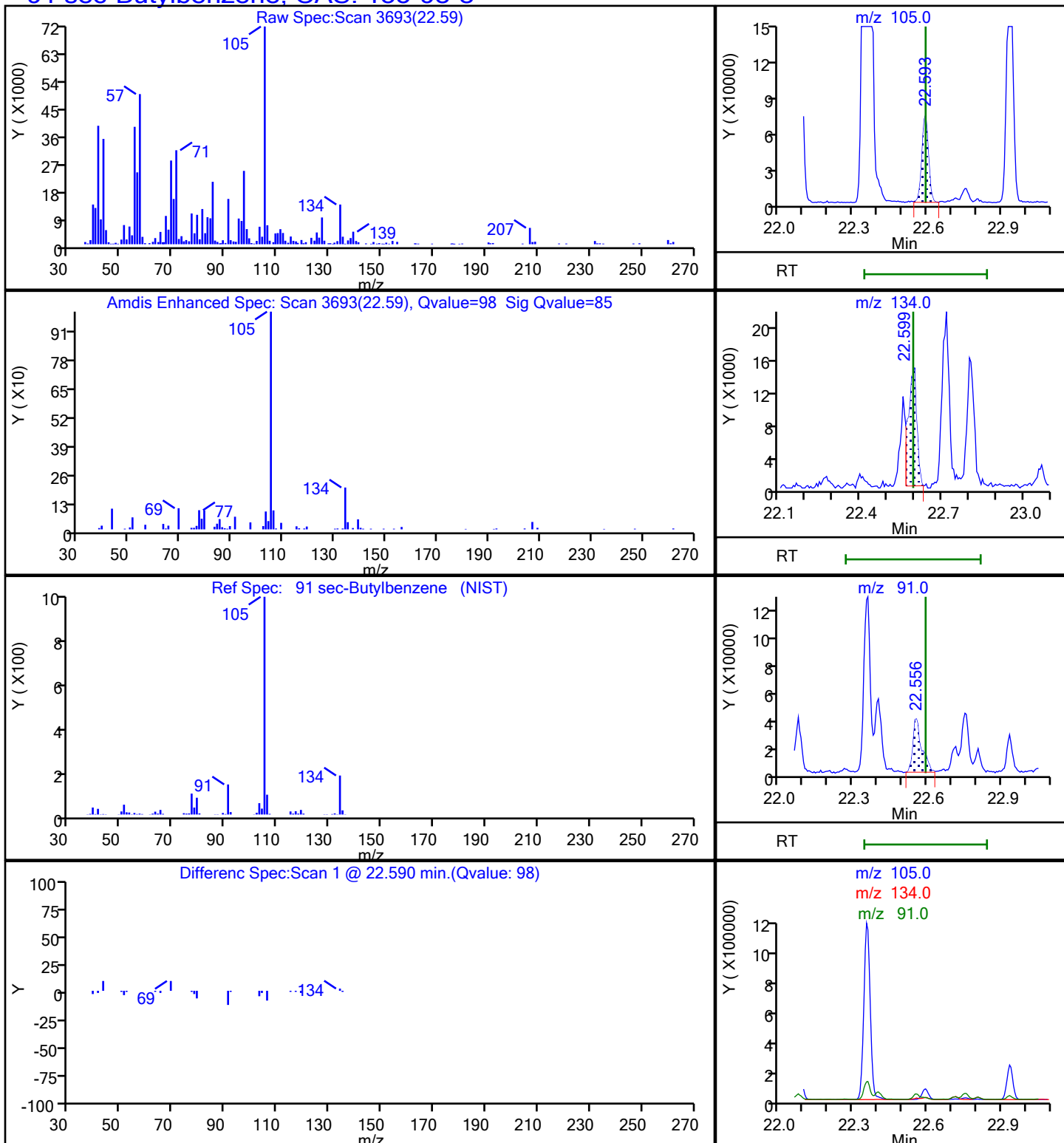
Column: RTX-624 ( 0.32 mm)

Detector: MS SCAN

**90 1,2,4-Trimethylbenzene, CAS: 95-63-6**

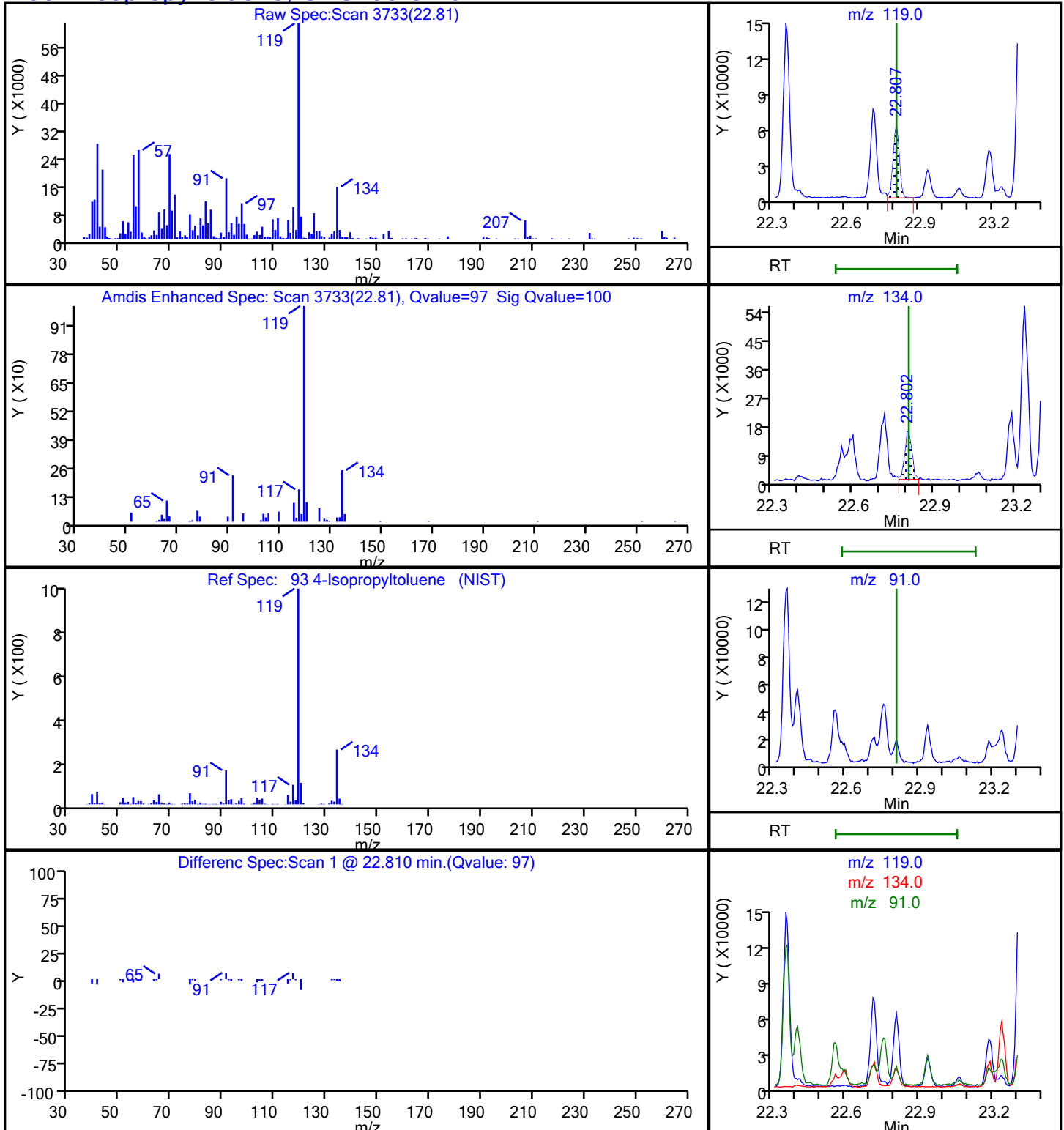
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Injection Date: 19-Dec-2020 03:40:30 Instrument ID: CHW.i  
Lims ID: 200-56451-A-5 Lab Sample ID: 200-56451-5  
Client ID: SG-205  
Operator ID: ggg ALS Bottle#: 21 Worklist Smp#: 22  
Purge Vol: 200.000 mL Dil. Factor: 1.0000  
Method: TO15\_TO3\_MasterMethod\_W Limit Group: AI\_TO15\_ICAL  
Column: RTX-624 ( 0.32 mm) Detector MS SCAN

**91 sec-Butylbenzene, CAS: 135-98-8**

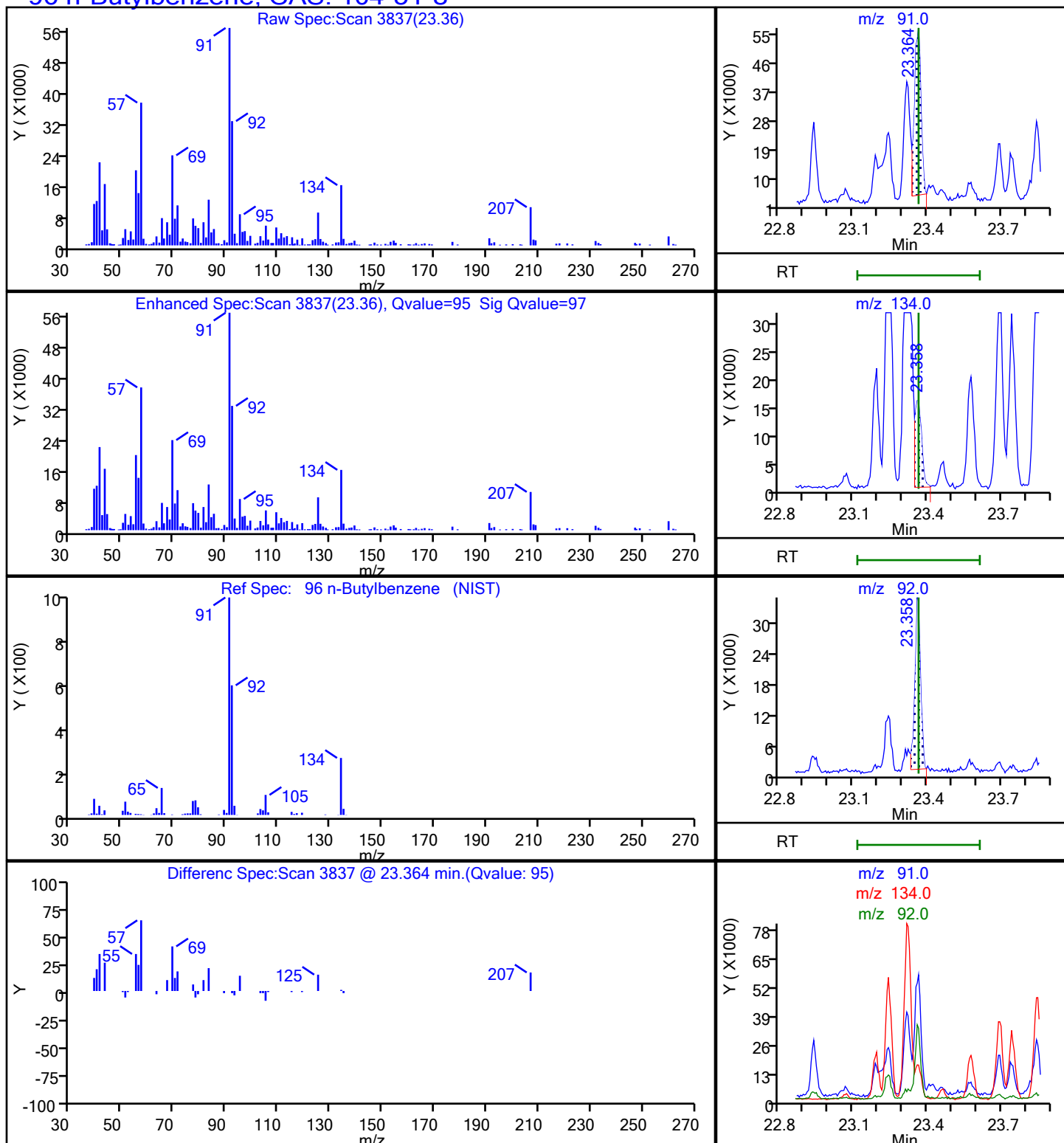
## Eurofins TestAmerica, Burlington

Data File: \\chromfs\Burlington\ChromData\CHW.i\20201218-44134.b\44134-022.d  
Injection Date: 19-Dec-2020 03:40:30 Instrument ID: CHW.i  
Lims ID: 200-56451-A-5 Lab Sample ID: 200-56451-5  
Client ID: SG-205  
Operator ID: ggg ALS Bottle#: 21 Worklist Smp#: 22  
Purge Vol: 200.000 mL Dil. Factor: 1.0000  
Method: TO15\_TO3\_MasterMethod\_W Limit Group: AI\_TO15\_ICAL  
Column: RTX-624 ( 0.32 mm) Detector: MS SCAN

**93 4-Isopropyltoluene, CAS: 99-87-6**

## Eurofins TestAmerica, Burlington

Data File: \\chromfs\Burlington\ChromData\CHW.i\20201218-44134.b\44134-022.d  
Injection Date: 19-Dec-2020 03:40:30 Instrument ID: CHW.i  
Lims ID: 200-56451-A-5 Lab Sample ID: 200-56451-5  
Client ID: SG-205  
Operator ID: ggg ALS Bottle#: 21 Worklist Smp#: 22  
Purge Vol: 200.000 mL Dil. Factor: 1.0000  
Method: TO15\_TO3\_MasterMethod\_W Limit Group: AI\_TO15\_ICAL  
Column: RTX-624 ( 0.32 mm) Detector: MS SCAN

**96 n-Butylbenzene, CAS: 104-51-8**

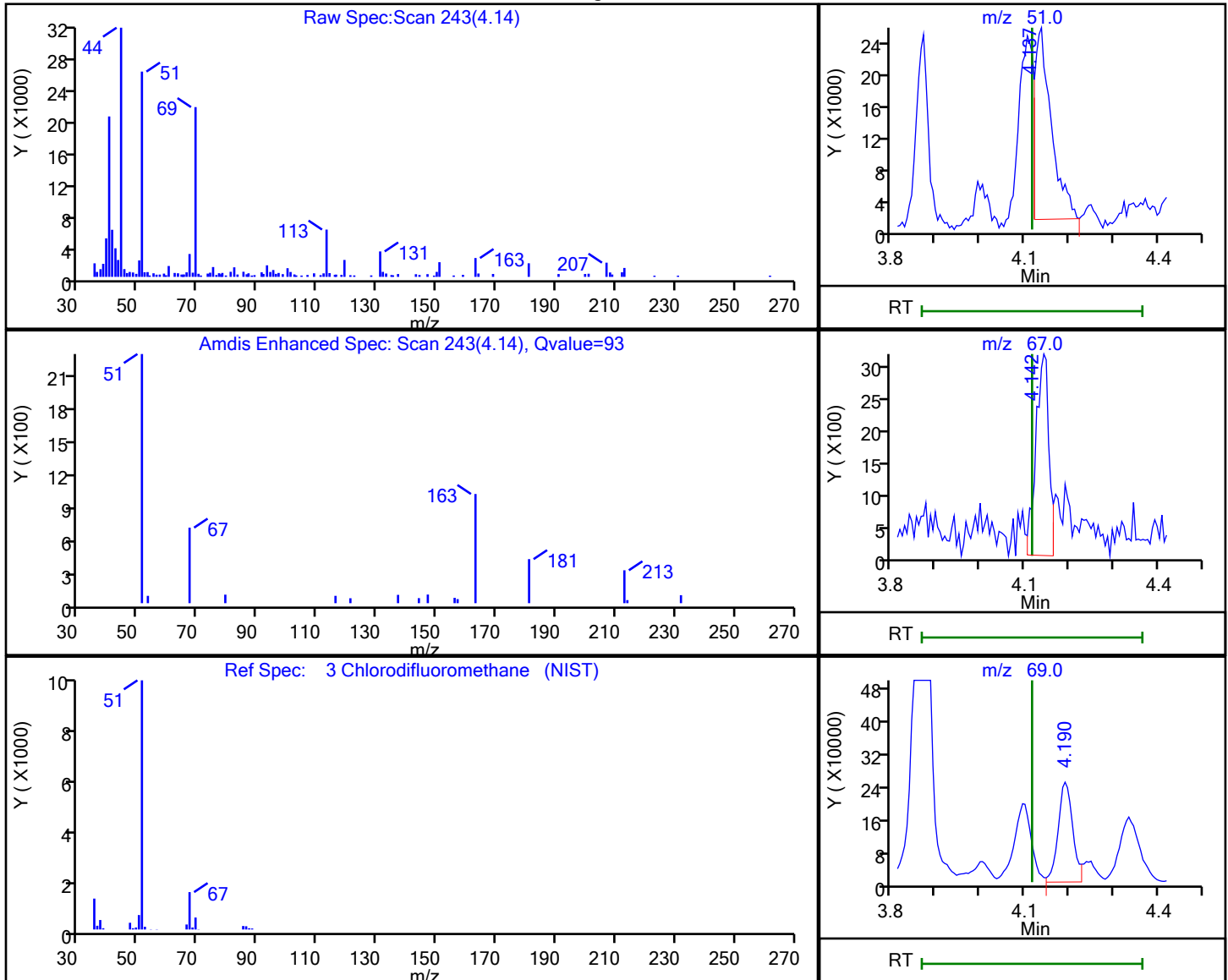


## Eurofins TestAmerica, Burlington

Data File: \\chromfs\Burlington\ChromData\CHW.i\20201218-44134.b\44134-022.d  
Injection Date: 19-Dec-2020 03:40:30 Instrument ID: CHW.i  
Lims ID: 200-56451-A-5 Lab Sample ID: 200-56451-5  
Client ID: SG-205  
Operator ID: ggg ALS Bottle#: 21 Worklist Smp#: 22  
Purge Vol: 200.000 mL Dil. Factor: 1.0000  
Method: TO15\_TO3\_MasterMethod\_W Limit Group: AI\_TO15\_ICAL  
Column: RTX-624 ( 0.32 mm) Detector: MS SCAN

## 3 Chlorodifluoromethane, CAS: 75-45-6

## Processing Results



| RT   | Mass  | Response | Amount   |
|------|-------|----------|----------|
| 4.14 | 51.00 | 62830    | 0.266193 |
| 4.14 | 67.00 | 6422     |          |
| 4.19 | 69.00 | 561350   |          |

Reviewer: bunmaa, 21-Dec-2020 13:11:21

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

## Eurofins TestAmerica, Burlington

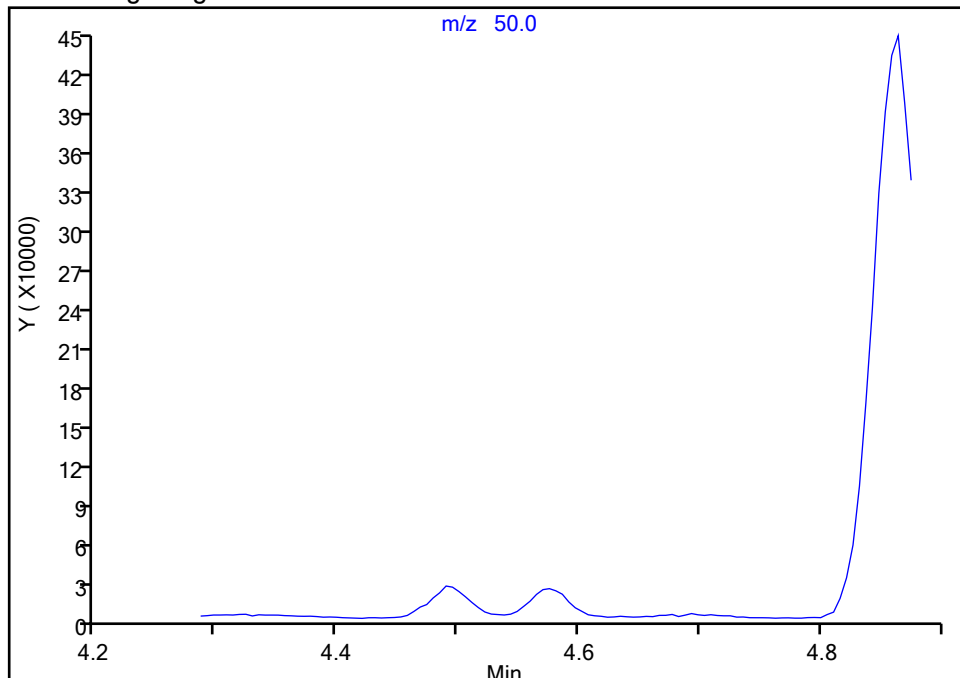
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Injection Date: 19-Dec-2020 03:40:30 Instrument ID: CHW.i  
Lims ID: 200-56451-A-5 Lab Sample ID: 200-56451-5  
Client ID: SG-205  
Operator ID: ggg ALS Bottle#: 21 Worklist Smp#: 22  
Purge Vol: 200.000 mL Dil. Factor: 1.0000  
Method: TO15\_TO3\_MasterMethod\_W Limit Group: AI\_TO15\_ICAL  
Column: RTX-624 ( 0.32 mm) Detector: MS SCAN

**5 Chloromethane, CAS: 74-87-3**

Signal: 1

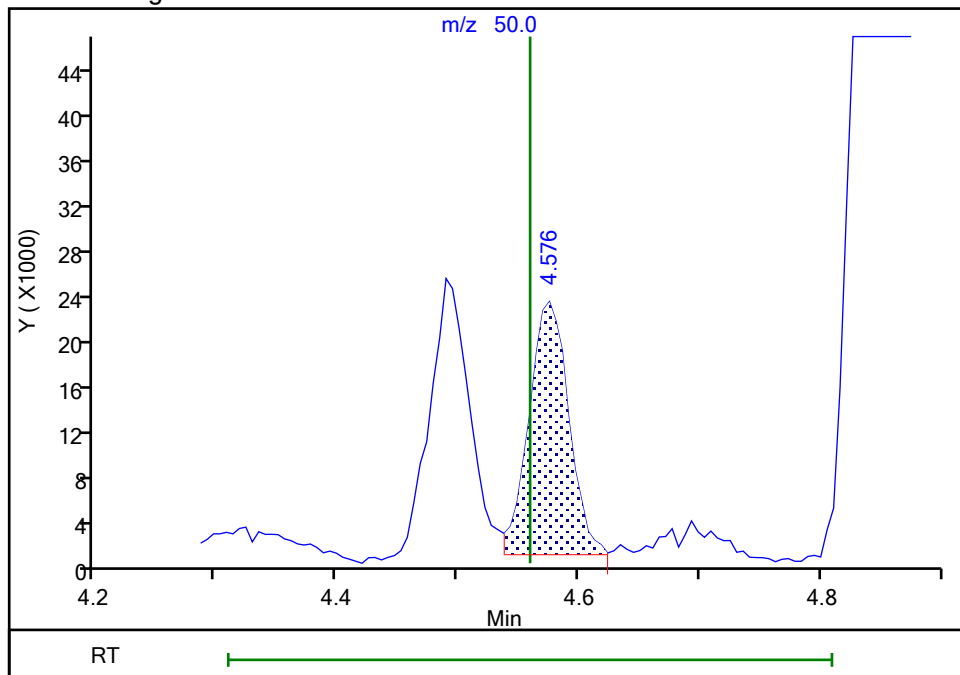
Not Detected  
Expected RT: 4.56

## Processing Integration Results



RT: 4.58  
Area: 50349  
Amount: 0.372817  
Amount Units: ppb v/v

## Manual Integration Results



Reviewer: bunmaa, 21-Dec-2020 13:11:40

Audit Action: Manually Integrated

Audit Reason: Assign Peak

## Eurofins TestAmerica, Burlington

Data File: \\chromfs\Burlington\ChromData\CHW.i\20201218-44134.b\44134-022.d

Injection Date: 19-Dec-2020 03:40:30

Instrument ID: CHW.i

Lims ID: 200-56451-A-5

Lab Sample ID: 200-56451-5

Client ID: SG-205

Operator ID: ggg

ALS Bottle#: 21

Worklist Smp#: 22

Purge Vol: 200.000 mL

Dil. Factor: 1.0000

Method: TO15\_TO3\_MasterMethod\_W

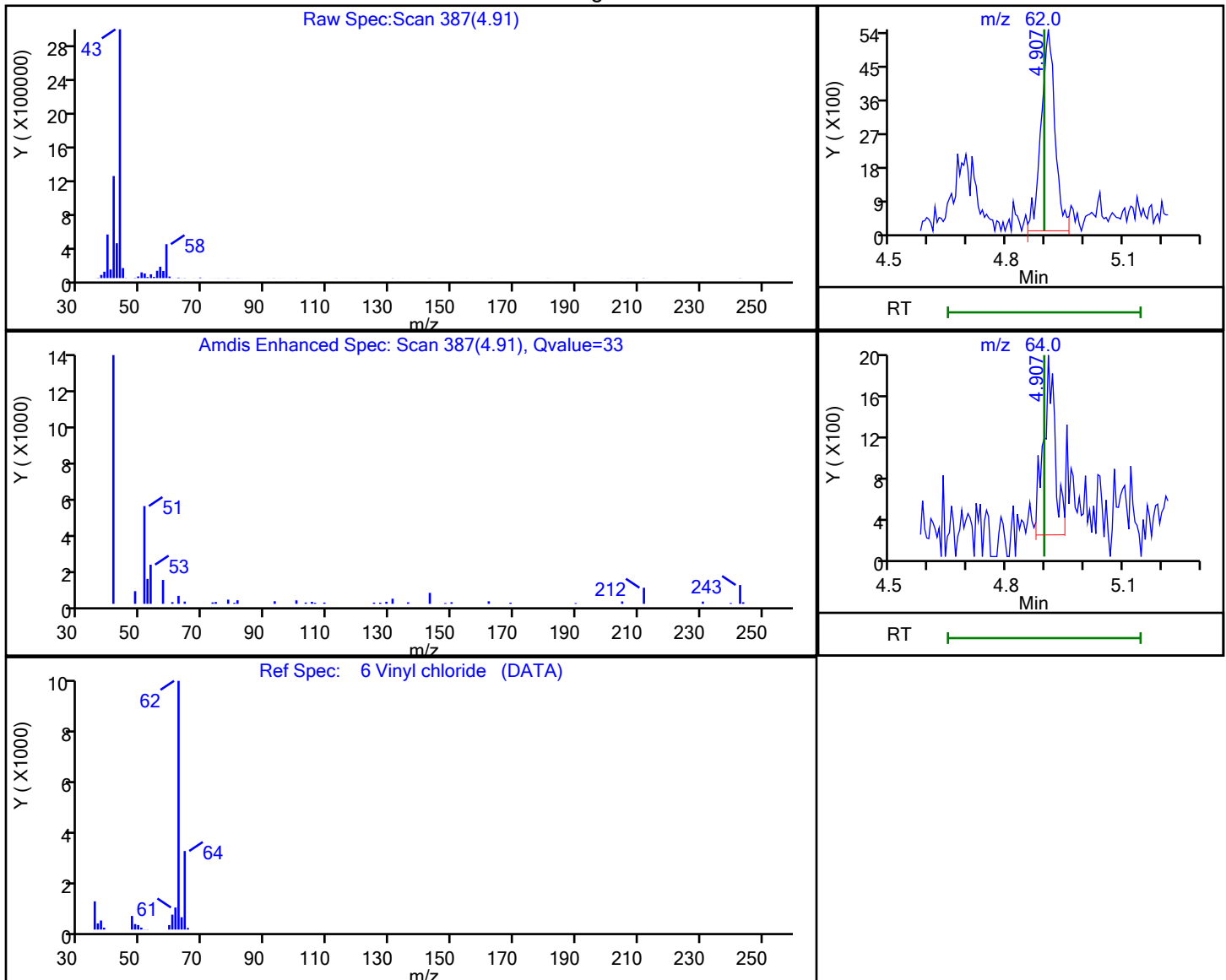
Limit Group: AI\_TO15\_ICAL

Column: RTX-624 ( 0.32 mm)

Detector: MS SCAN

## 6 Vinyl chloride, CAS: 75-01-4

## Processing Results



| RT   | Mass  | Response | Amount   |
|------|-------|----------|----------|
| 4.91 | 62.00 | 13598    | 0.081938 |
| 4.91 | 64.00 | 3578     |          |

Reviewer: bunmaa, 21-Dec-2020 13:11:59

Audit Action: Marked Compound Undetected

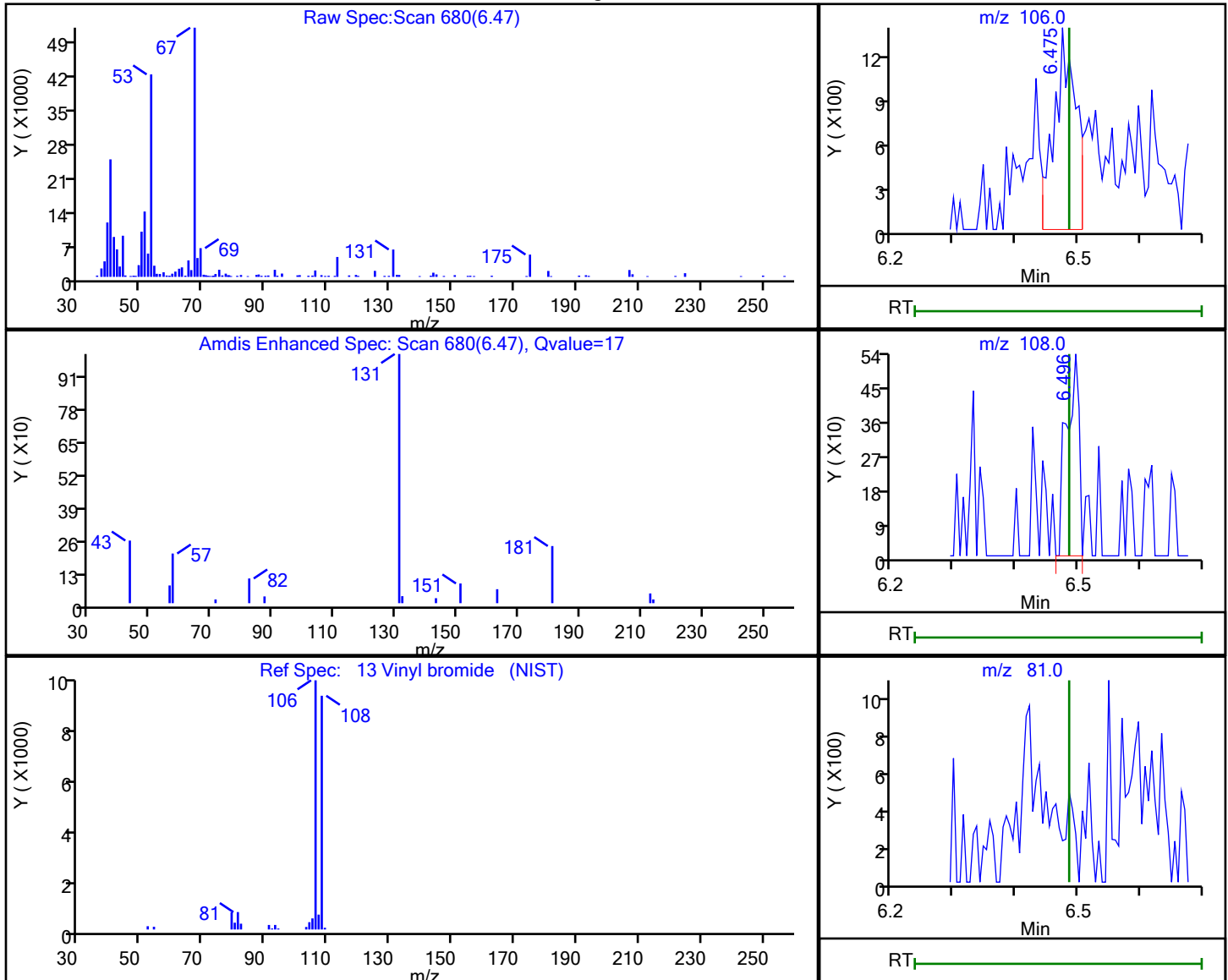
Audit Reason: Invalid Compound ID

## Eurofins TestAmerica, Burlington

Data File: \\chromfs\Burlington\ChromData\CHW.i\20201218-44134.b\44134-022.d  
Injection Date: 19-Dec-2020 03:40:30 Instrument ID: CHW.i  
Lims ID: 200-56451-A-5 Lab Sample ID: 200-56451-5  
Client ID: SG-205  
Operator ID: ggg ALS Bottle#: 21 Worklist Smp#: 22  
Purge Vol: 200.000 mL Dil. Factor: 1.0000  
Method: TO15\_TO3\_MasterMethod\_W Limit Group: AI\_TO15\_ICAL  
Column: RTX-624 ( 0.32 mm) Detector: MS SCAN

## 13 Vinyl bromide, CAS: 593-60-2

## Processing Results



| RT   | Mass   | Response | Amount   |
|------|--------|----------|----------|
| 6.47 | 106.00 | 3148     | 0.027365 |
| 6.50 | 108.00 | 745      |          |
| 6.49 | 81.00  | 0        |          |

Reviewer: bunmaa, 21-Dec-2020 13:12:39

Audit Action: Marked Compound Undetected

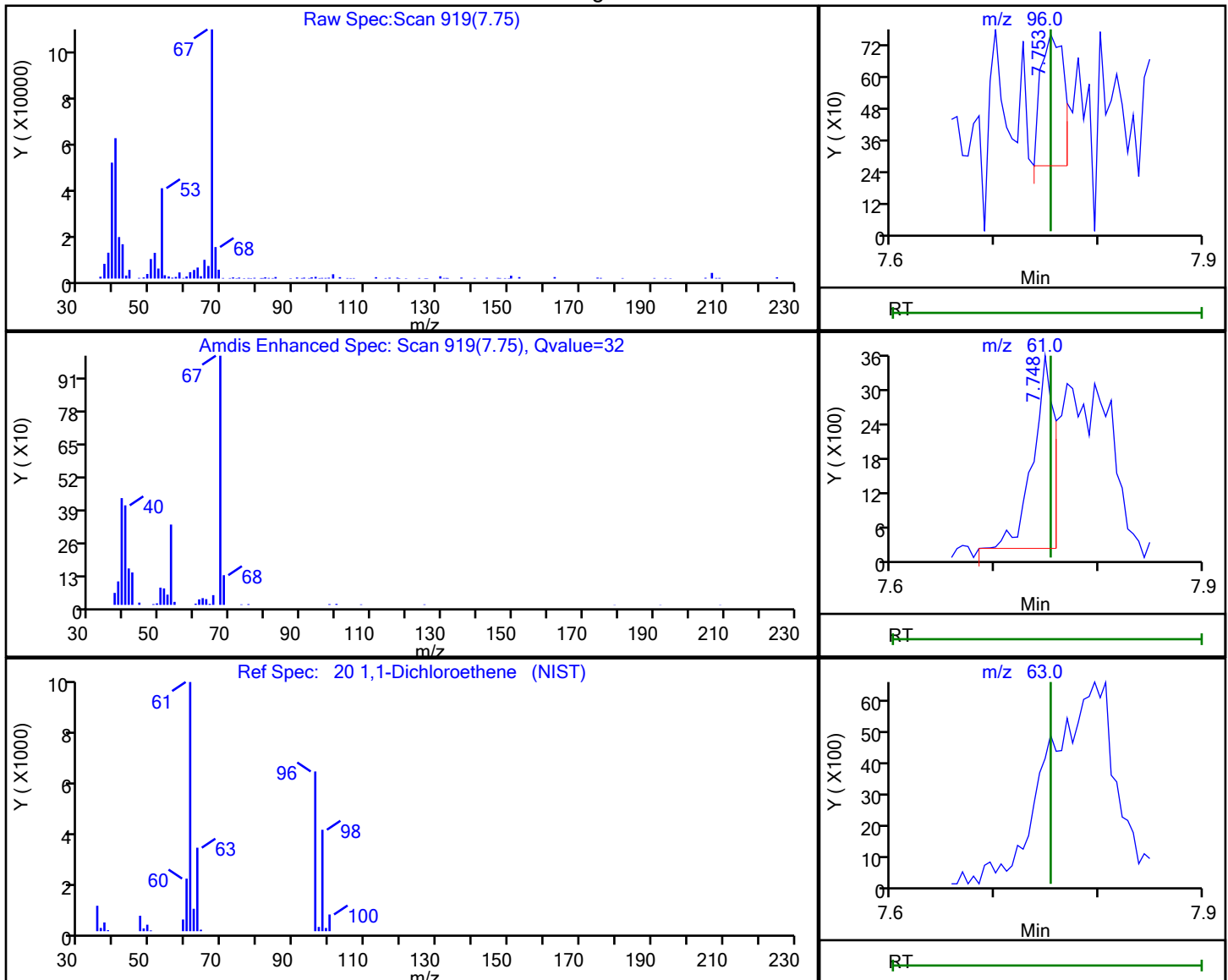
Audit Reason: Invalid Compound ID

## Eurofins TestAmerica, Burlington

Data File: \\chromfs\Burlington\ChromData\CHW.i\20201218-44134.b\44134-022.d  
Injection Date: 19-Dec-2020 03:40:30 Instrument ID: CHW.i  
Lims ID: 200-56451-A-5 Lab Sample ID: 200-56451-5  
Client ID: SG-205  
Operator ID: ggg ALS Bottle#: 21 Worklist Smp#: 22  
Purge Vol: 200.000 mL Dil. Factor: 1.0000  
Method: TO15\_TO3\_MasterMethod\_W Limit Group: AI\_TO15\_ICAL  
Column: RTX-624 ( 0.32 mm) Detector: MS SCAN

## 20 1,1-Dichloroethene, CAS: 75-35-4

## Processing Results



| RT   | Mass  | Response | Amount   |
|------|-------|----------|----------|
| 7.75 | 96.00 | 782      | 0.006481 |
| 7.75 | 61.00 | 4869     |          |
| 7.75 | 63.00 | 0        |          |

Reviewer: bunmaa, 21-Dec-2020 13:12:46

Audit Action: Marked Compound Undetected

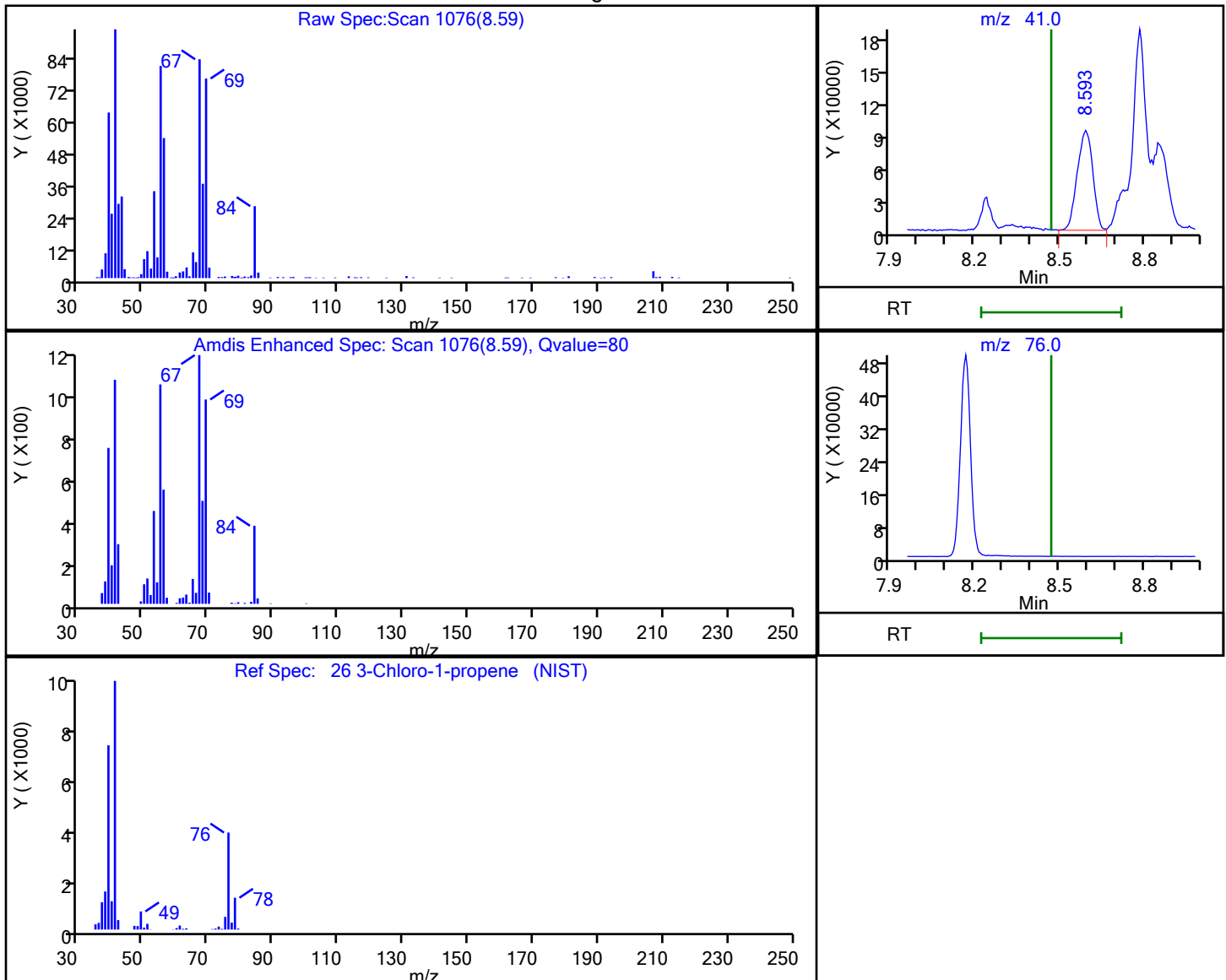
Audit Reason: Invalid Compound ID

## Eurofins TestAmerica, Burlington

Data File: \\chromfs\Burlington\ChromData\CHW.i\20201218-44134.b\44134-022.d  
Injection Date: 19-Dec-2020 03:40:30 Instrument ID: CHW.i  
Lims ID: 200-56451-A-5 Lab Sample ID: 200-56451-5  
Client ID: SG-205  
Operator ID: ggg ALS Bottle#: 21 Worklist Smp#: 22  
Purge Vol: 200.000 mL Dil. Factor: 1.0000  
Method: TO15\_TO3\_MasterMethod\_W Limit Group: AI\_TO15\_ICAL  
Column: RTX-624 ( 0.32 mm) Detector: MS SCAN

## 26 3-Chloro-1-propene, CAS: 107-05-1

## Processing Results



| RT   | Mass  | Response | Amount   |
|------|-------|----------|----------|
| 8.59 | 41.00 | 361300   | 2.548749 |
| 8.47 | 76.00 | 0        |          |

Reviewer: bunmaa, 21-Dec-2020 13:13:03

Audit Action: Marked Compound Undetected

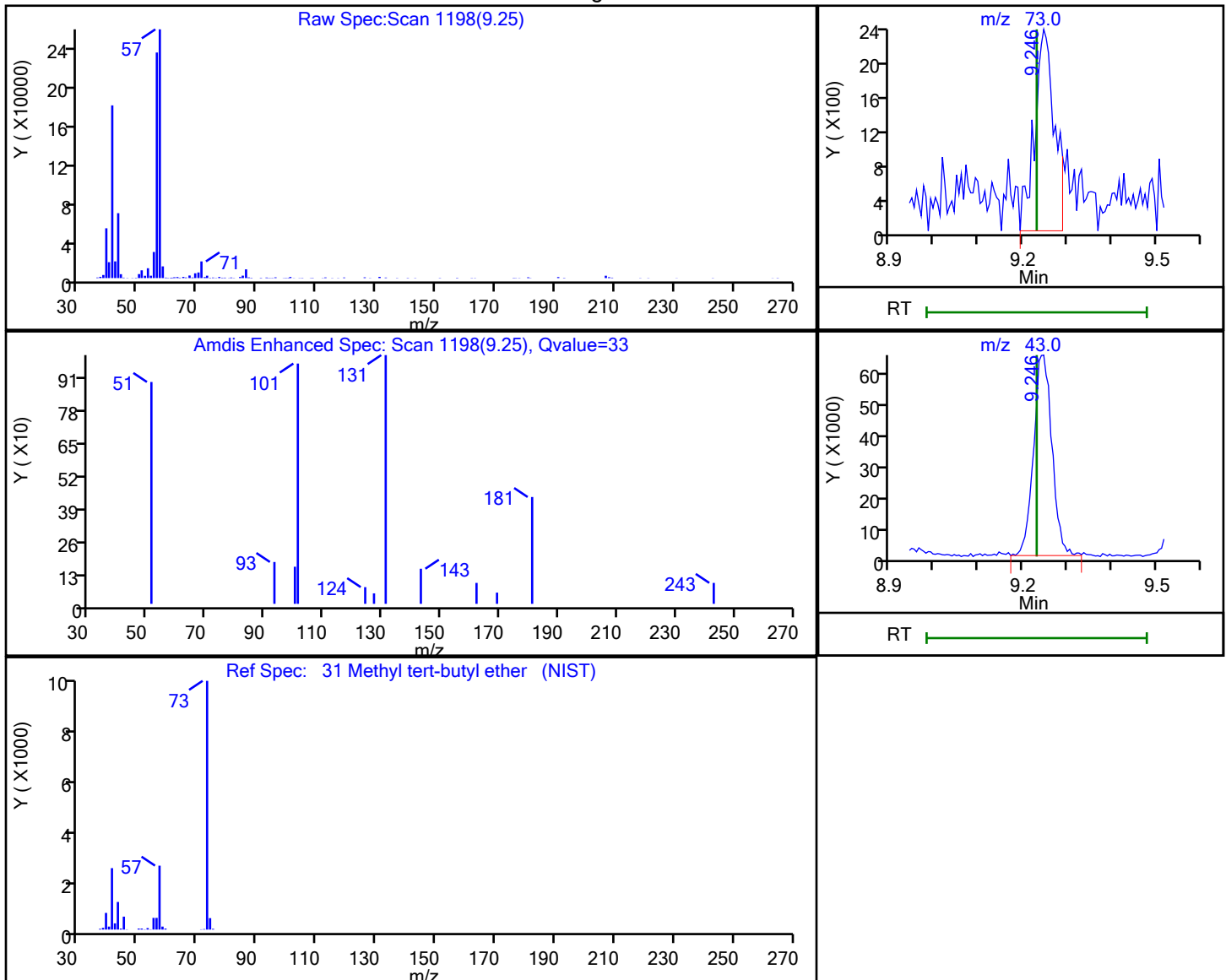
Audit Reason: Invalid Compound ID

## Eurofins TestAmerica, Burlington

Data File: \\chromfs\Burlington\ChromData\CHW.i\20201218-44134.b\44134-022.d  
Injection Date: 19-Dec-2020 03:40:30 Instrument ID: CHW.i  
Lims ID: 200-56451-A-5 Lab Sample ID: 200-56451-5  
Client ID: SG-205  
Operator ID: ggg ALS Bottle#: 21 Worklist Smp#: 22  
Purge Vol: 200.000 mL Dil. Factor: 1.0000  
Method: TO15\_TO3\_MasterMethod\_W Limit Group: AI\_TO15\_ICAL  
Column: RTX-624 ( 0.32 mm) Detector: MS SCAN

## 31 Methyl tert-butyl ether, CAS: 1634-04-4

## Processing Results



| RT   | Mass  | Response | Amount   |
|------|-------|----------|----------|
| 9.25 | 73.00 | 7448     | 0.024800 |
| 9.25 | 43.00 | 187250   |          |

Reviewer: bunmaa, 21-Dec-2020 13:13:22

Audit Action: Marked Compound Undetected

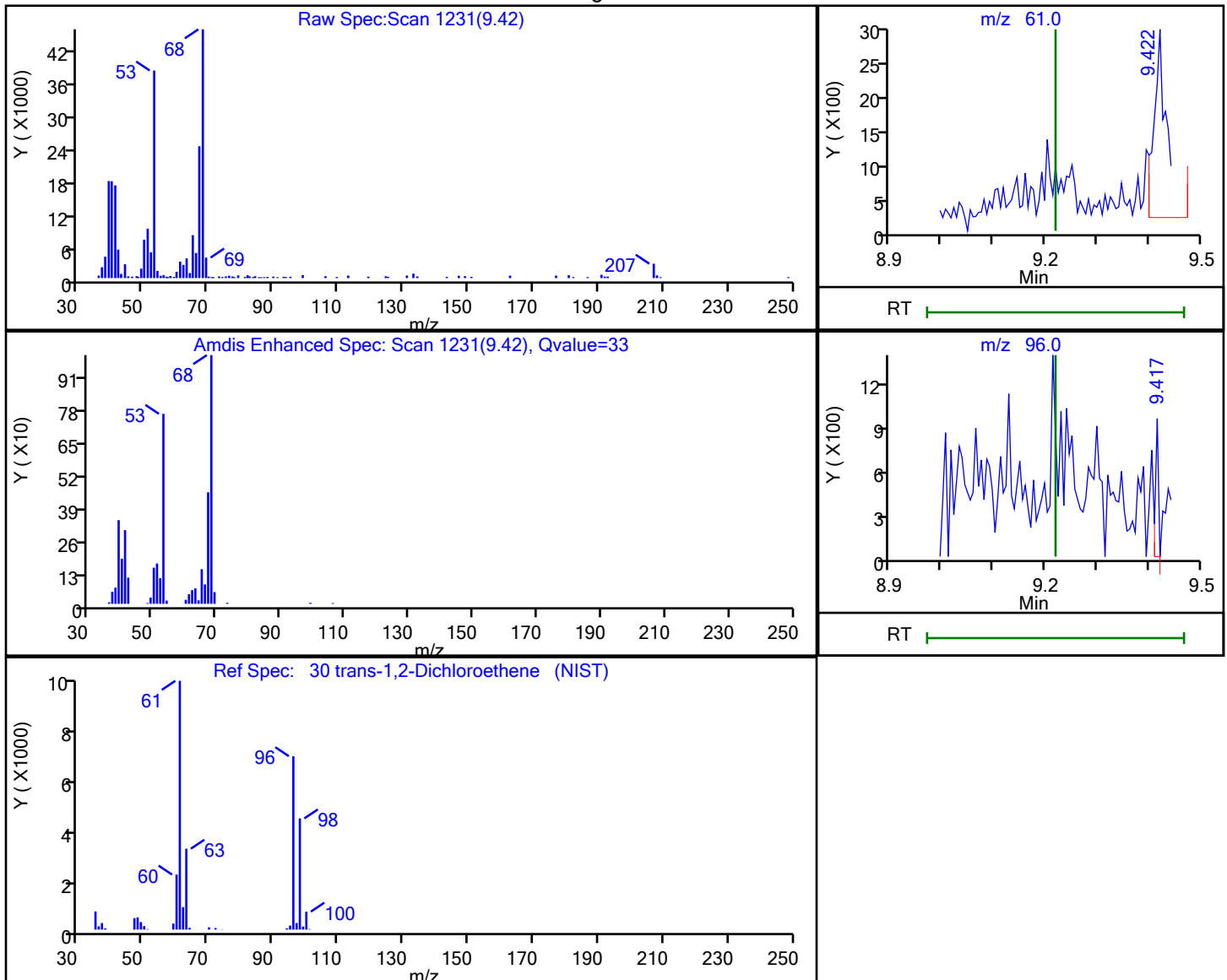
Audit Reason: Invalid Compound ID

## Eurofins TestAmerica, Burlington

Data File: \\chromfs\Burlington\ChromData\CHW.i\20201218-44134.b\44134-022.d  
Injection Date: 19-Dec-2020 03:40:30 Instrument ID: CHW.i  
Lims ID: 200-56451-A-5 Lab Sample ID: 200-56451-5  
Client ID: SG-205  
Operator ID: ggg ALS Bottle#: 21 Worklist Smp#: 22  
Purge Vol: 200.000 mL Dil. Factor: 1.0000  
Method: TO15\_TO3\_MasterMethod\_W Limit Group: AI\_TO15\_ICAL  
Column: RTX-624 ( 0.32 mm) Detector: MS SCAN

## 30 trans-1,2-Dichloroethene, CAS: 156-60-5

## Processing Results



| RT   | Mass  | Response | Amount   |
|------|-------|----------|----------|
| 9.42 | 61.00 | 4970     | 0.030614 |
| 9.42 | 96.00 | 379      |          |

Reviewer: bunmaa, 21-Dec-2020 13:13:16

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

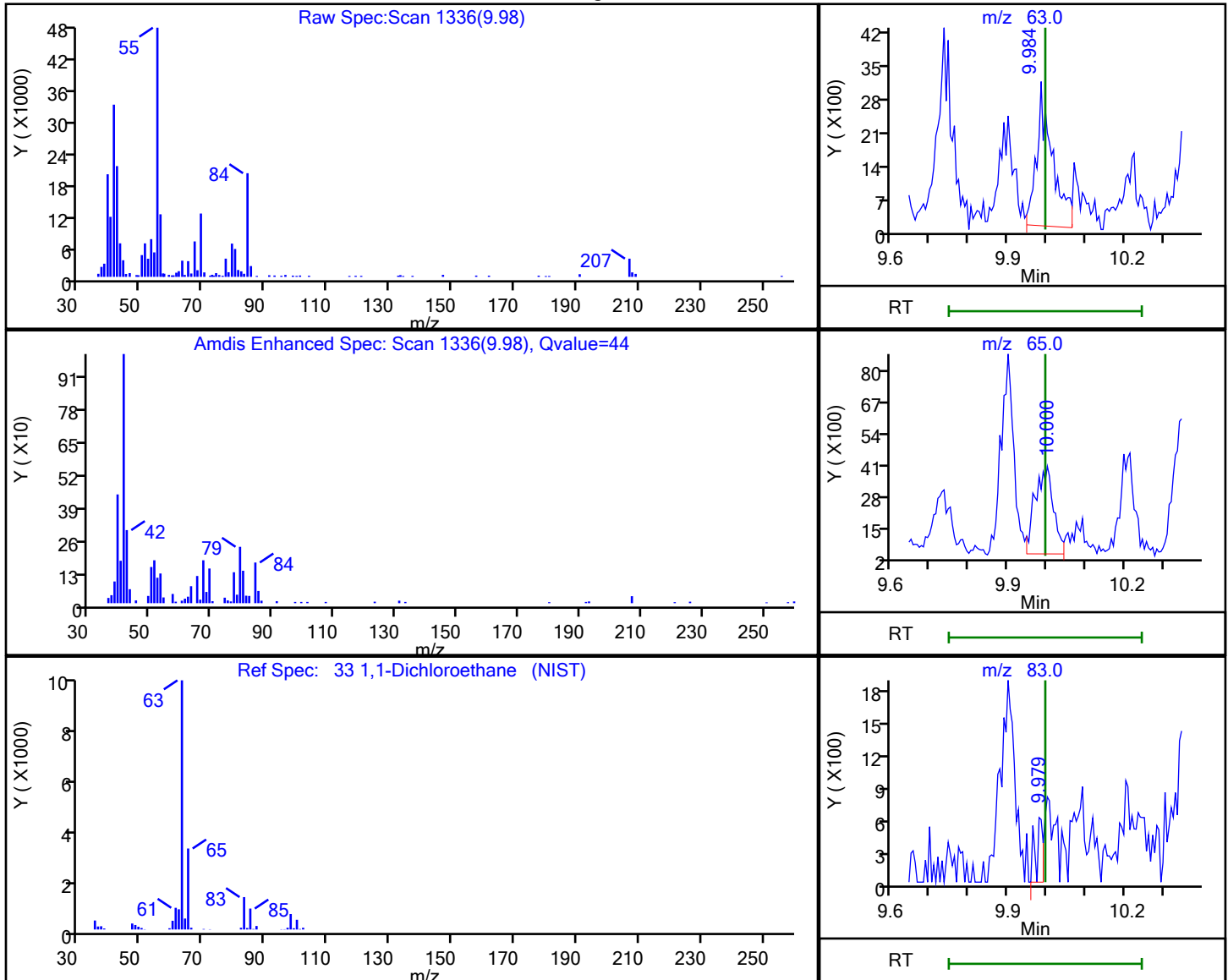


## Eurofins TestAmerica, Burlington

Data File: \\chromfs\Burlington\ChromData\CHW.i\20201218-44134.b\44134-022.d  
Injection Date: 19-Dec-2020 03:40:30 Instrument ID: CHW.i  
Lims ID: 200-56451-A-5 Lab Sample ID: 200-56451-5  
Client ID: SG-205  
Operator ID: ggg ALS Bottle#: 21 Worklist Smp#: 22  
Purge Vol: 200.000 mL Dil. Factor: 1.0000  
Method: TO15\_TO3\_MasterMethod\_W 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   |
|-------|-------|----------|----------|
| 9.98  | 63.00 | 8465     | 0.039481 |
| 10.00 | 65.00 | 12153    |          |
| 9.98  | 83.00 | 757      |          |

Reviewer: bunmaa, 21-Dec-2020 13:13:53

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

## Eurofins TestAmerica, Burlington

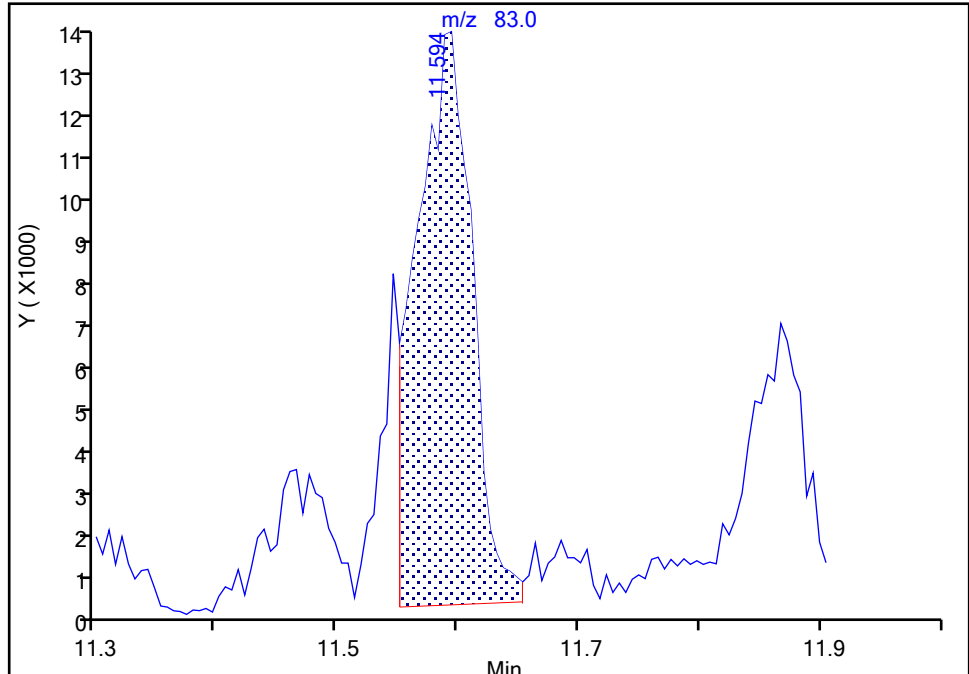
|                 |                                                                   |                |              |
|-----------------|-------------------------------------------------------------------|----------------|--------------|
| Data File:      | \\chromfs\Burlington\ChromData\CHW.i\20201218-44134.b\44134-022.d |                |              |
| Injection Date: | 19-Dec-2020 03:40:30                                              | Instrument ID: | CHW.i        |
| Lims ID:        | 200-56451-A-5                                                     | Lab Sample ID: | 200-56451-5  |
| Client ID:      | SG-205                                                            |                |              |
| Operator ID:    | ggg                                                               | ALS Bottle#:   | 21           |
| Purge Vol:      | 200.000 mL                                                        | Dil. Factor:   | 1.0000       |
| Method:         | TO15_TO3_MasterMethod_W                                           | Limit Group:   | AI_TO15_ICAL |
| Column:         | RTX-624 ( 0.32 mm)                                                | Detector:      | MS SCAN      |
|                 |                                                                   | Worklist Smp#: | 22           |

**41 Chloroform, CAS: 67-66-3**

Signal: 1

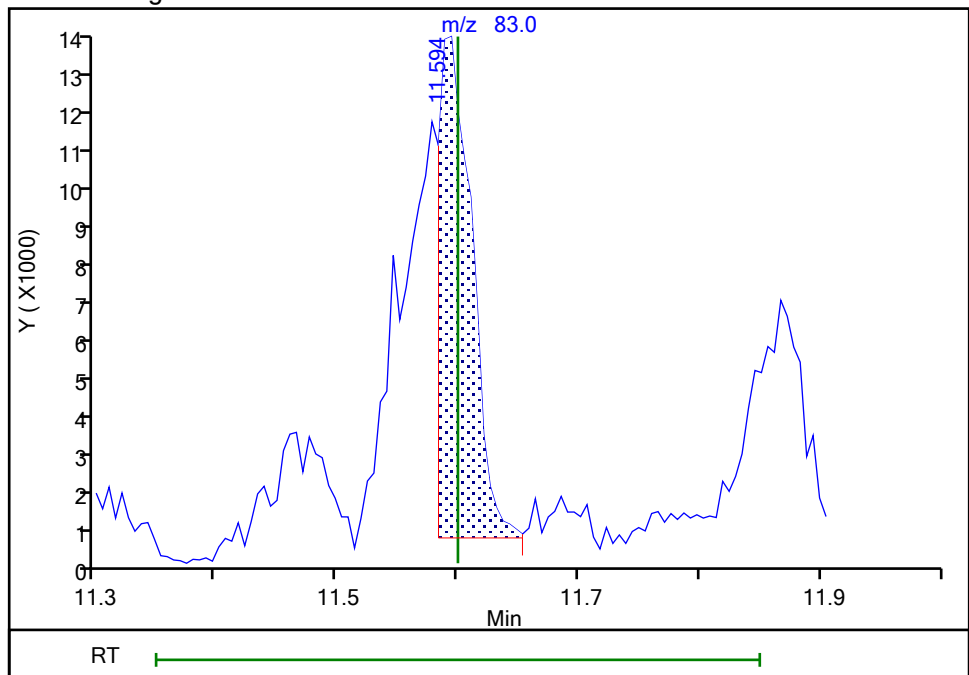
RT: 11.59  
Area: 40905  
Amount: 0.164368  
Amount Units: ppb v/v

## Processing Integration Results



RT: 11.59  
Area: 23584  
Amount: 0.094767  
Amount Units: ppb v/v

## Manual Integration Results



Reviewer: bunmaa, 21-Dec-2020 13:14:28  
Audit Action: Manually Integrated

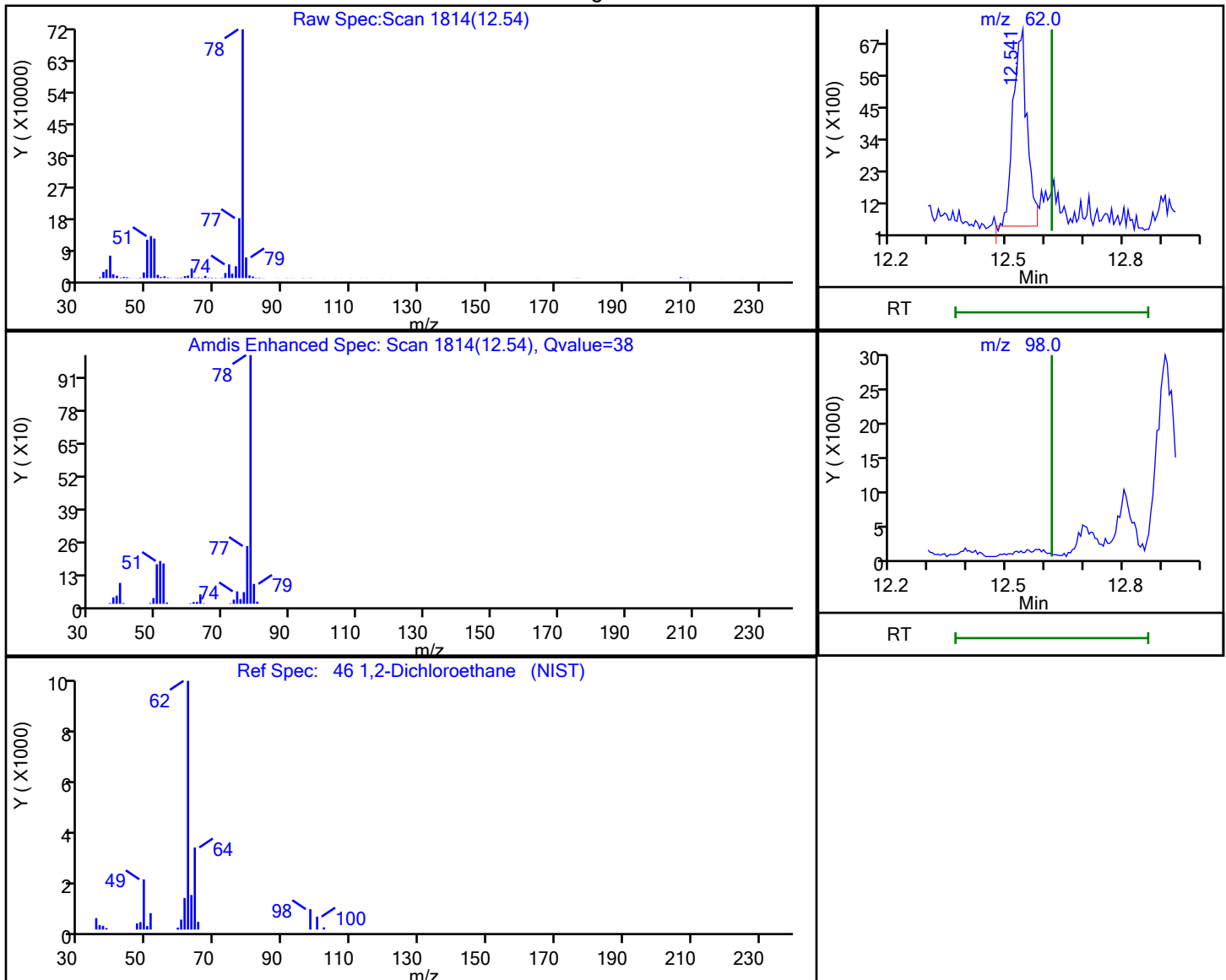
Audit Reason: Assign Peak

## Eurofins TestAmerica, Burlington

Data File: \\chromfs\Burlington\ChromData\CHW.i\20201218-44134.b\44134-022.d  
Injection Date: 19-Dec-2020 03:40:30 Instrument ID: CHW.i  
Lims ID: 200-56451-A-5 Lab Sample ID: 200-56451-5  
Client ID: SG-205  
Operator ID: ggg ALS Bottle#: 21 Worklist Smp#: 22  
Purge Vol: 200.000 mL Dil. Factor: 1.0000  
Method: TO15\_TO3\_MasterMethod\_W Limit Group: AI\_TO15\_ICAL  
Column: RTX-624 ( 0.32 mm) Detector: MS SCAN

## 46 1,2-Dichloroethane, CAS: 107-06-2

## Processing Results



| RT    | Mass  | Response | Amount   |
|-------|-------|----------|----------|
| 12.54 | 62.00 | 17189    | 0.106629 |
| 12.62 | 98.00 | 0        |          |

Reviewer: bunmaa, 21-Dec-2020 13:14:53

Audit Action: Marked Compound Undetected

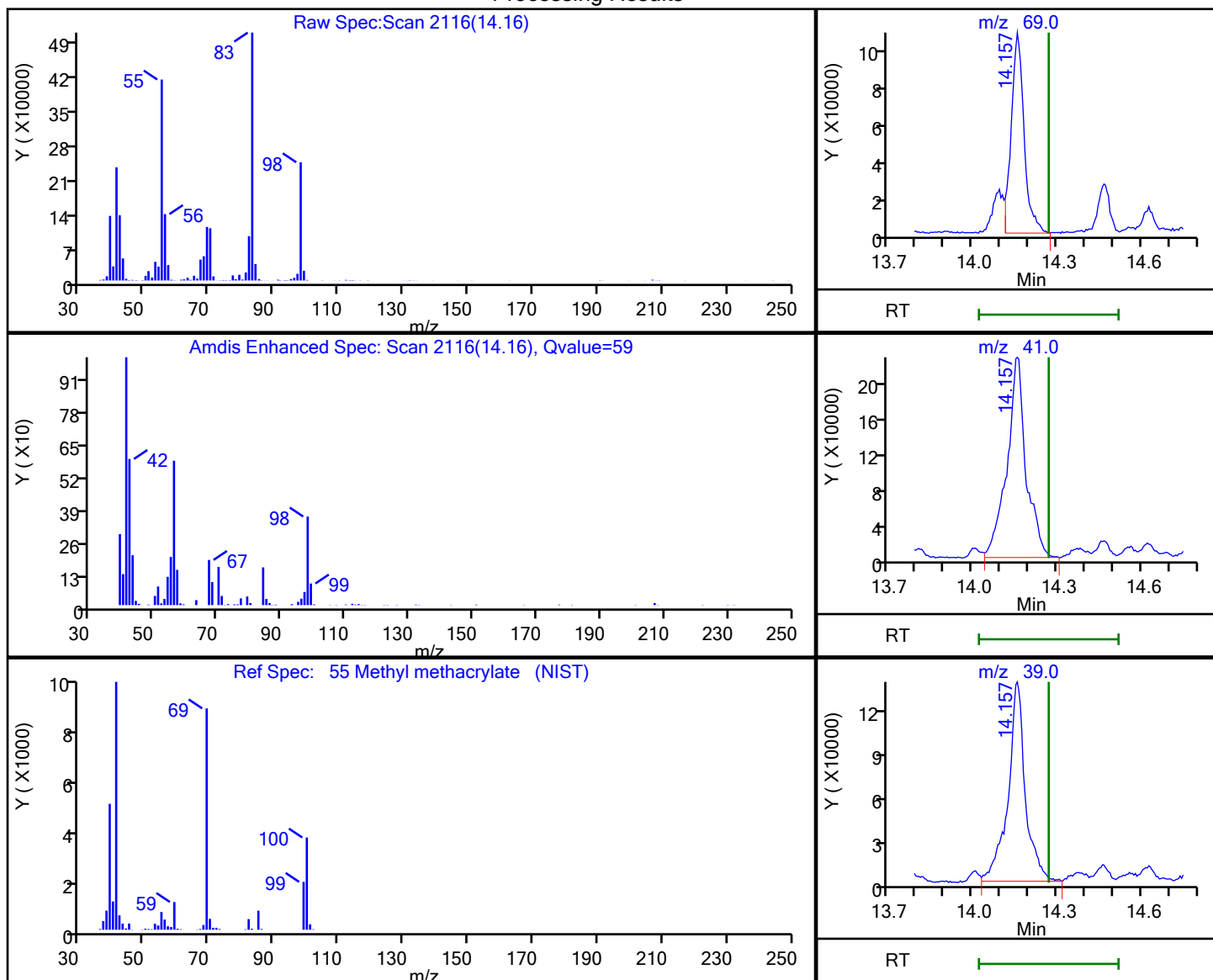
Audit Reason: Invalid Compound ID

## Eurofins TestAmerica, Burlington

Data File: \\chromfs\Burlington\ChromData\CHW.i\20201218-44134.b\44134-022.d  
Injection Date: 19-Dec-2020 03:40:30 Instrument ID: CHW.i  
Lims ID: 200-56451-A-5 Lab Sample ID: 200-56451-5  
Client ID: SG-205  
Operator ID: ggg ALS Bottle#: 21 Worklist Smp#: 22  
Purge Vol: 200.000 mL Dil. Factor: 1.0000  
Method: TO15\_TO3\_MasterMethod\_W 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   |
|-------|-------|----------|----------|
| 14.16 | 69.00 | 342769   | 3.041478 |
| 14.16 | 41.00 | 1082910  |          |
| 14.16 | 39.00 | 558671   |          |

Reviewer: bunmaa, 21-Dec-2020 13:15:12

Audit Action: Marked Compound Undetected

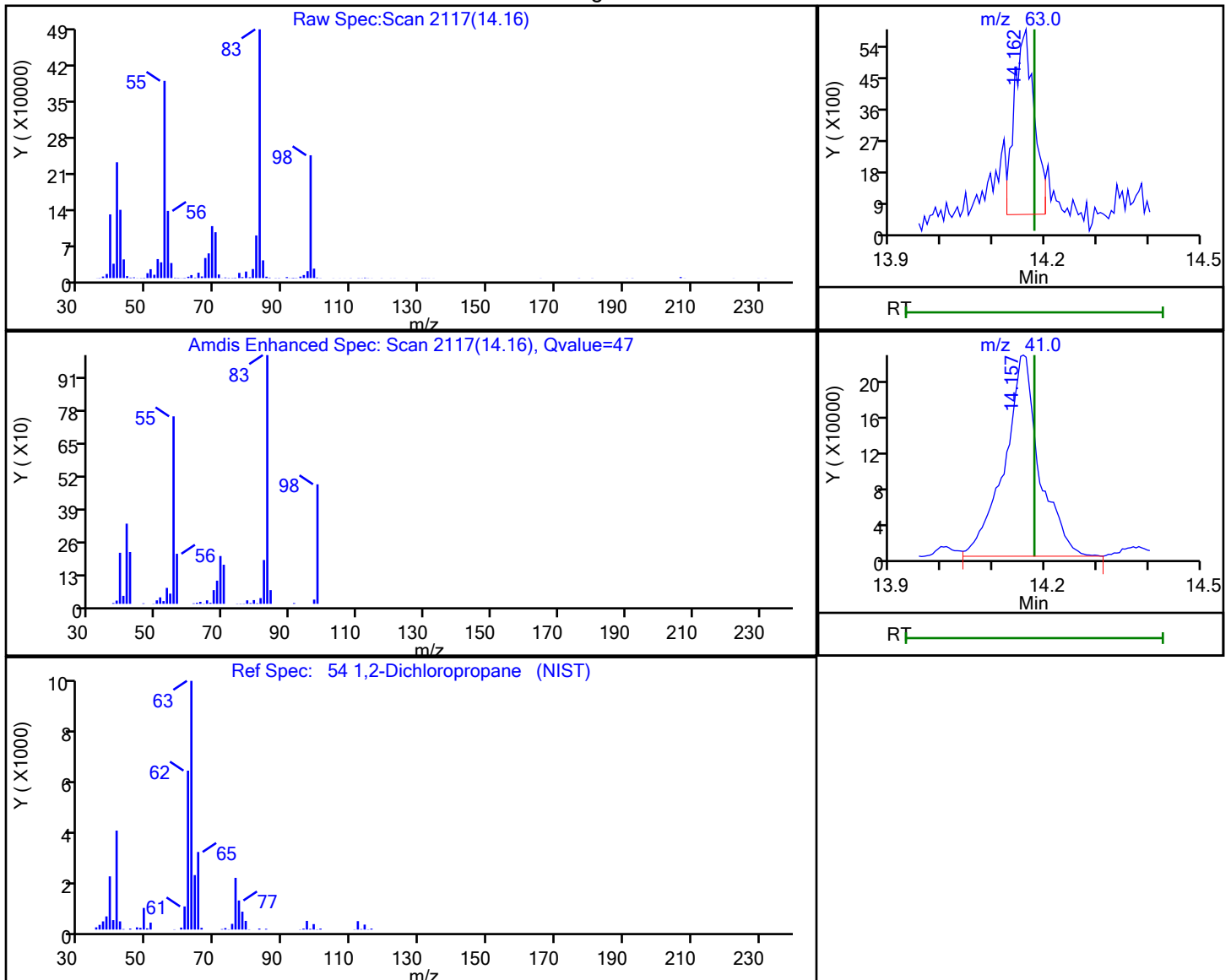
Audit Reason: Invalid Compound ID

## Eurofins TestAmerica, Burlington

Data File: \\chromfs\Burlington\ChromData\CHW.i\20201218-44134.b\44134-022.d  
Injection Date: 19-Dec-2020 03:40:30 Instrument ID: CHW.i  
Lims ID: 200-56451-A-5 Lab Sample ID: 200-56451-5  
Client ID: SG-205  
Operator ID: ggg ALS Bottle#: 21 Worklist Smp#: 22  
Purge Vol: 200.000 mL Dil. Factor: 1.0000  
Method: TO15\_TO3\_MasterMethod\_W Limit Group: AI\_TO15\_ICAL  
Column: RTX-624 ( 0.32 mm) Detector: MS SCAN

## 54 1,2-Dichloropropane, CAS: 78-87-5

## Processing Results



| RT    | Mass  | Response | Amount   |
|-------|-------|----------|----------|
| 14.16 | 63.00 | 14523    | 0.114326 |
| 14.16 | 41.00 | 1085969  |          |

Reviewer: bunmaa, 21-Dec-2020 13:15:09

Audit Action: Marked Compound Undetected

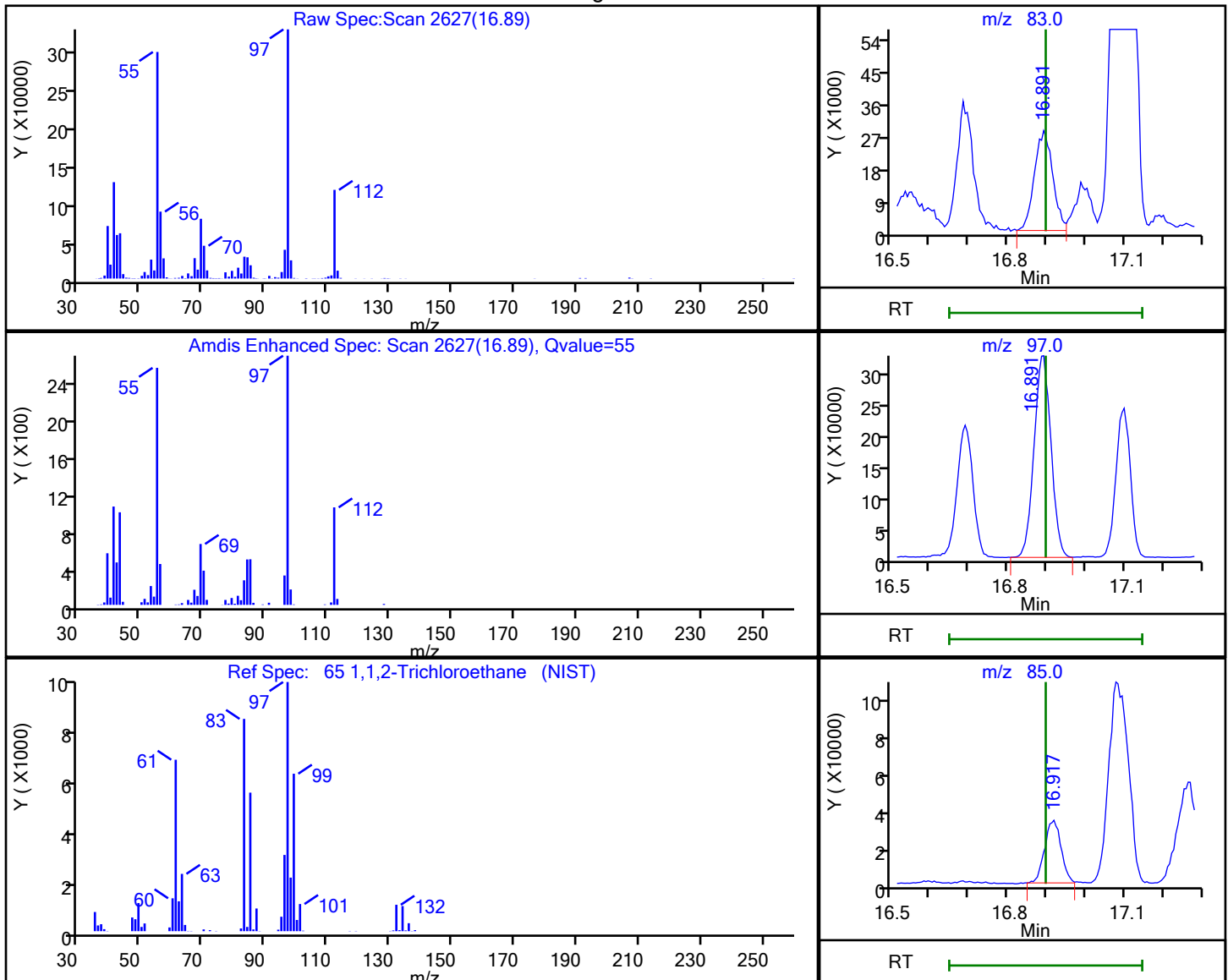
Audit Reason: Invalid Compound ID

## Eurofins TestAmerica, Burlington

Data File: \\chromfs\Burlington\ChromData\CHW.i\20201218-44134.b\44134-022.d  
Injection Date: 19-Dec-2020 03:40:30 Instrument ID: CHW.i  
Lims ID: 200-56451-A-5 Lab Sample ID: 200-56451-5  
Client ID: SG-205  
Operator ID: ggg ALS Bottle#: 21 Worklist Smp#: 22  
Purge Vol: 200.000 mL Dil. Factor: 1.0000  
Method: TO15\_TO3\_MasterMethod\_W Limit Group: AI\_TO15\_ICAL  
Column: RTX-624 ( 0.32 mm) Detector: MS SCAN

## 65 1,1,2-Trichloroethane, CAS: 79-00-5

## Processing Results



| RT    | Mass  | Response | Amount   |
|-------|-------|----------|----------|
| 16.89 | 83.00 | 92383    | 0.748845 |
| 16.89 | 97.00 | 985124   |          |
| 16.92 | 85.00 | 100595   |          |

Reviewer: bunmaa, 21-Dec-2020 13:15:55

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

## Eurofins TestAmerica, Burlington

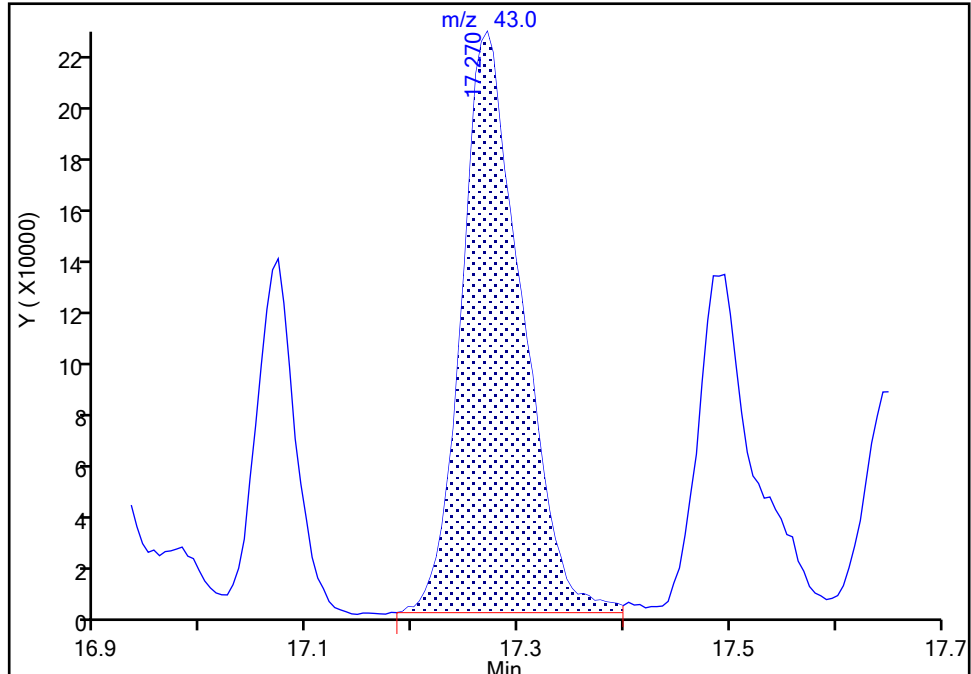
Data File: \\chromfs\Burlington\ChromData\CHW.i\20201218-44134.b\44134-022.d  
Injection Date: 19-Dec-2020 03:40:30 Instrument ID: CHW.i  
Lims ID: 200-56451-A-5 Lab Sample ID: 200-56451-5  
Client ID: SG-205  
Operator ID: ggg ALS Bottle#: 21 Worklist Smp#: 22  
Purge Vol: 200.000 mL Dil. Factor: 1.0000  
Method: TO15\_TO3\_MasterMethod\_W Limit Group: AI\_TO15\_ICAL  
Column: RTX-624 ( 0.32 mm) Detector: MS SCAN

**67 2-Hexanone, CAS: 591-78-6**

Signal: 1

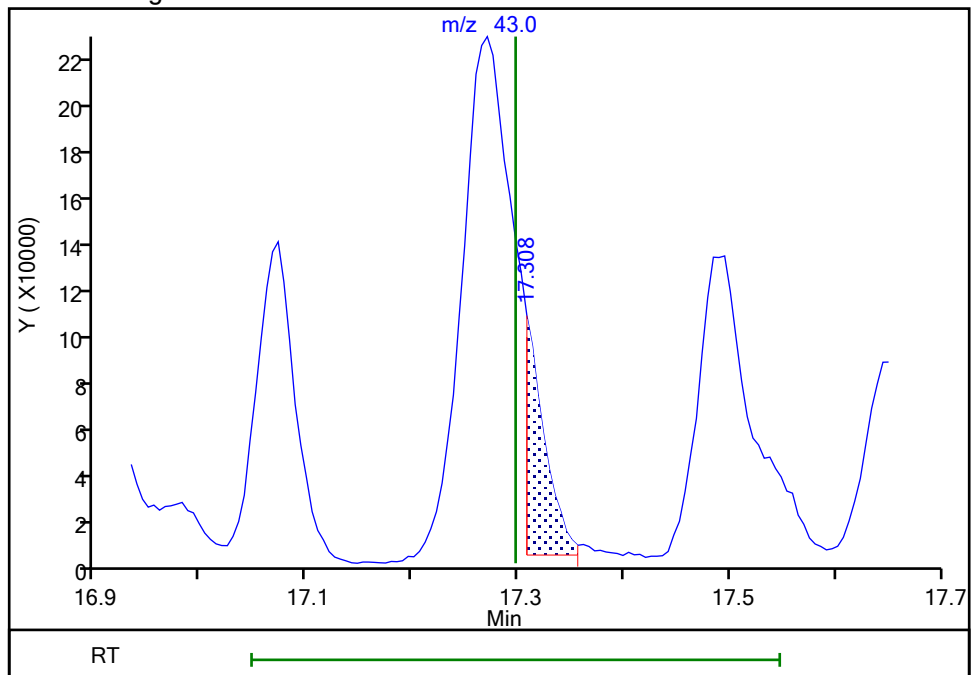
RT: 17.27  
Area: 857403  
Amount: 3.808257  
Amount Units: ppb v/v

## Processing Integration Results



RT: 17.31  
Area: 128428  
Amount: 0.570428  
Amount Units: ppb v/v

## Manual Integration Results



Reviewer: bunmaa, 21-Dec-2020 13:16:57

Audit Action: Manually Integrated

Audit Reason: Assign Peak

## Eurofins TestAmerica, Burlington

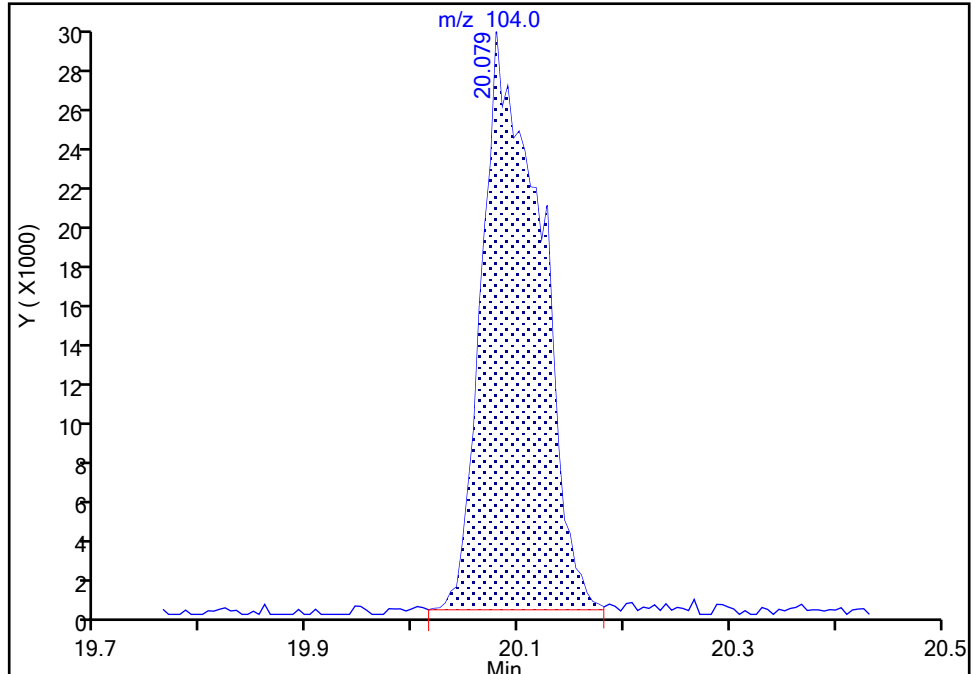
|                 |                                                                   |                |              |
|-----------------|-------------------------------------------------------------------|----------------|--------------|
| Data File:      | \\chromfs\Burlington\ChromData\CHW.i\20201218-44134.b\44134-022.d |                |              |
| Injection Date: | 19-Dec-2020 03:40:30                                              | Instrument ID: | CHW.i        |
| Lims ID:        | 200-56451-A-5                                                     | Lab Sample ID: | 200-56451-5  |
| Client ID:      | SG-205                                                            |                |              |
| Operator ID:    | ggg                                                               | ALS Bottle#:   | 21           |
| Purge Vol:      | 200.000 mL                                                        | Dil. Factor:   | 1.0000       |
| Method:         | TO15_TO3_MasterMethod_W                                           | Limit Group:   | AI_TO15_ICAL |
| Column:         | RTX-624 ( 0.32 mm)                                                | Detector:      | MS SCAN      |
|                 |                                                                   | Worklist Smp#: | 22           |

**78 Styrene, CAS: 100-42-5**

Signal: 1

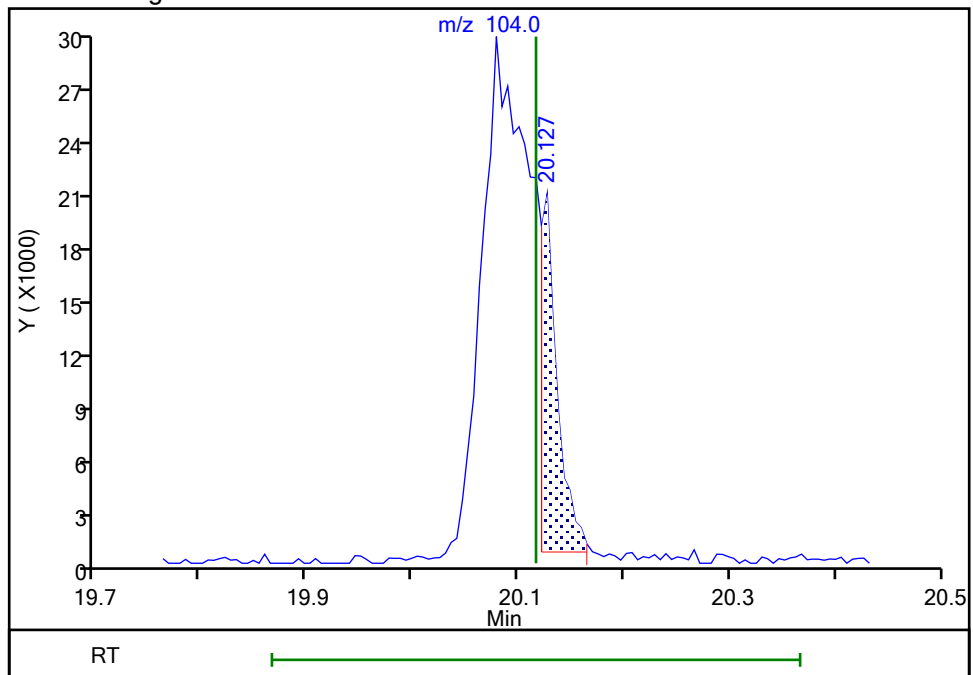
RT: 20.08  
Area: 112258  
Amount: 0.369875  
Amount Units: ppb v/v

## Processing Integration Results



RT: 20.13  
Area: 22651  
Amount: 0.074632  
Amount Units: ppb v/v

## Manual Integration Results



Reviewer: bunmaa, 21-Dec-2020 13:17:51

Audit Action: Manually Integrated

Audit Reason: Assign Peak



## Eurofins TestAmerica, Burlington

Data File: \\chromfs\Burlington\ChromData\CHW.i\20201218-44134.b\44134-022.d

Injection Date: 19-Dec-2020 03:40:30

Instrument ID: CHW.i

Lims ID: 200-56451-A-5

Lab Sample ID: 200-56451-5

Client ID: SG-205

Operator ID: ggg

ALS Bottle#: 21

Worklist Smp#: 22

Purge Vol: 200.000 mL

Dil. Factor: 1.0000

Method: TO15\_TO3\_MasterMethod\_W

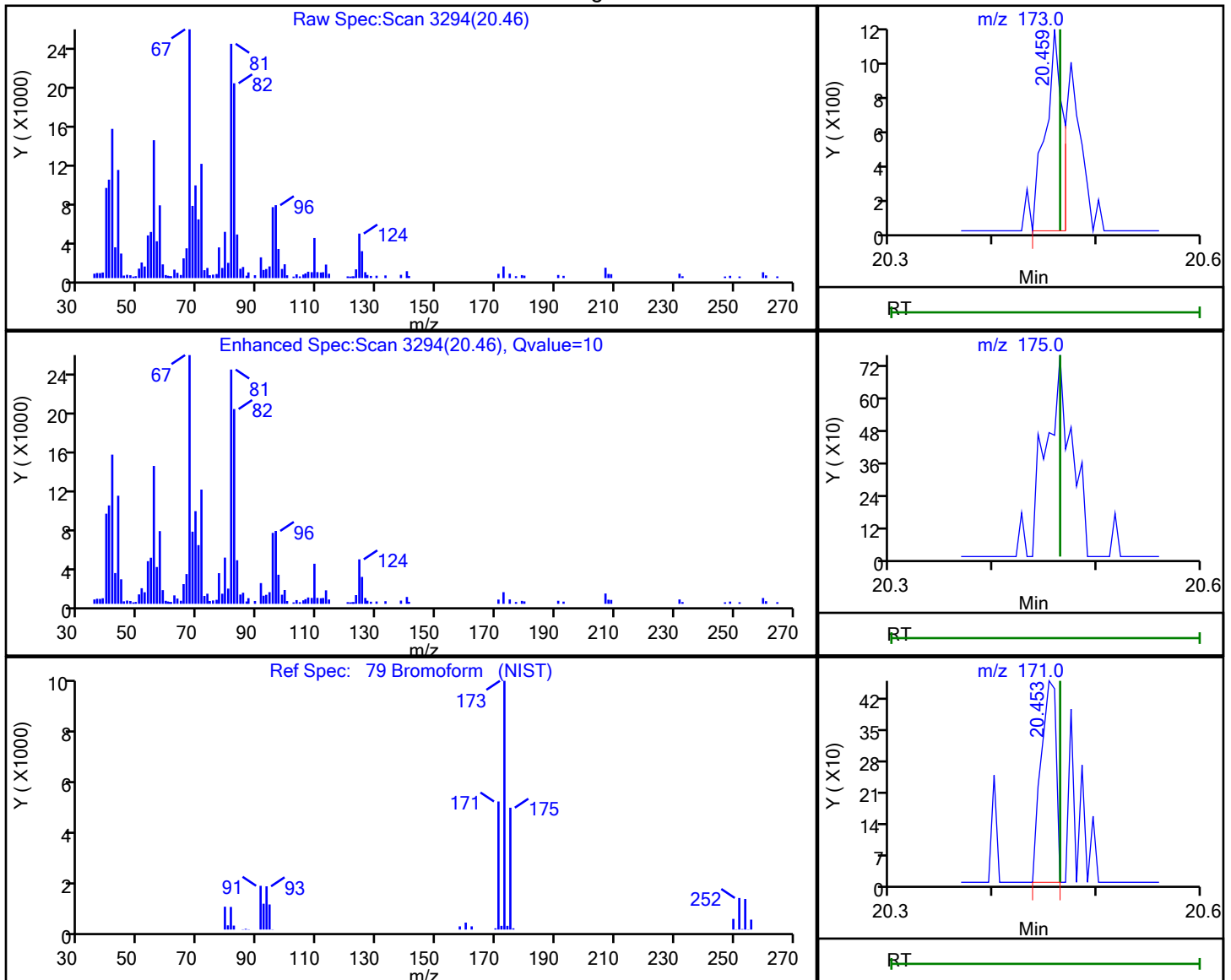
Limit Group: AI\_TO15\_ICAL

Column: RTX-624 ( 0.32 mm)

Detector: MS SCAN

## 79 Bromoform, CAS: 75-25-2

## Processing Results



| RT    | Mass   | Response | Amount   |
|-------|--------|----------|----------|
| 20.46 | 173.00 | 1373     | 0.005421 |
| 20.46 | 175.00 | 0        |          |
| 20.45 | 171.00 | 465      |          |

Reviewer: bunmaa, 21-Dec-2020 13:18:19

Audit Action: Marked Compound Undetected

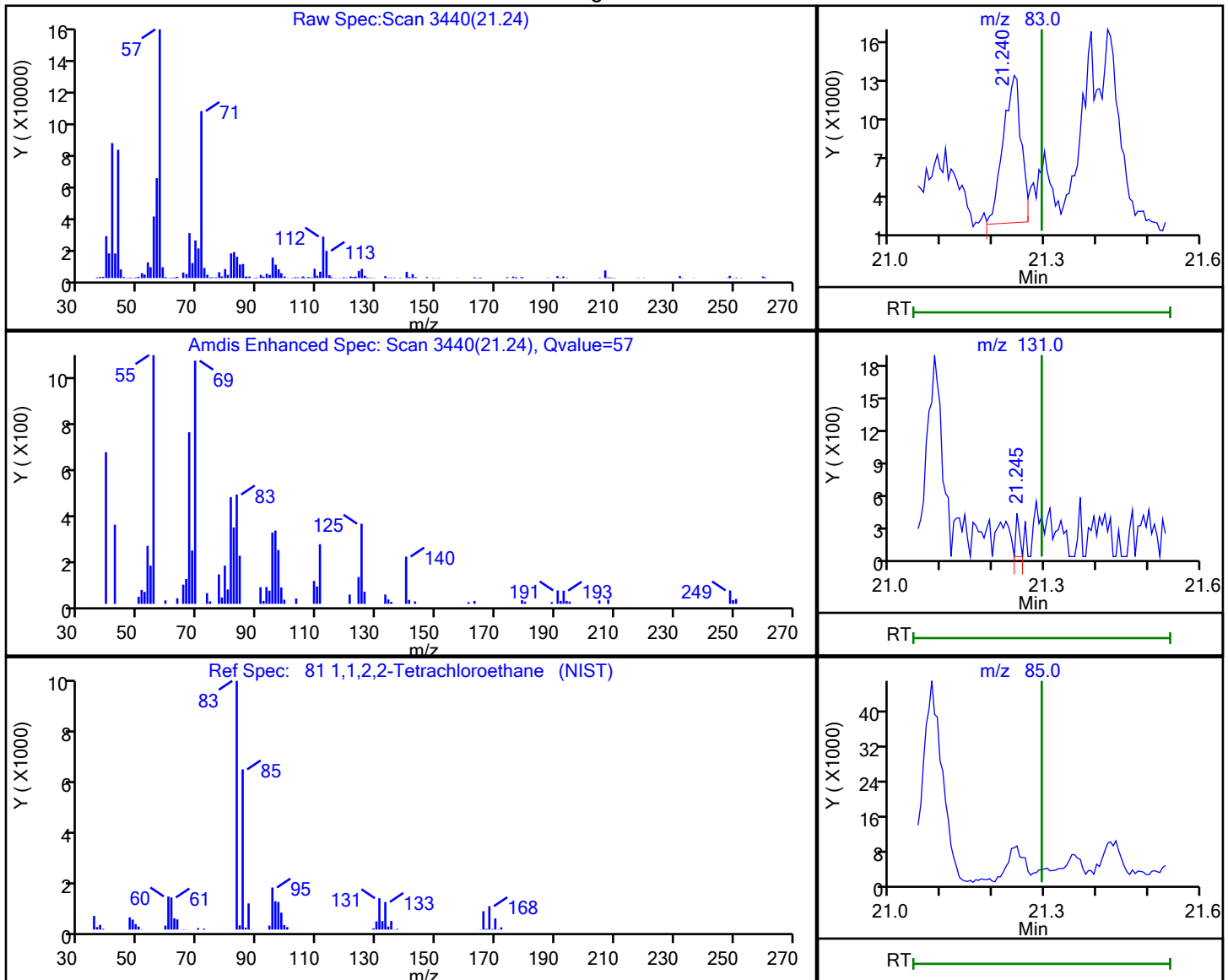
Audit Reason: Invalid Compound ID

## Eurofins TestAmerica, Burlington

Data File: \\chromfs\Burlington\ChromData\CHW.i\20201218-44134.b\44134-022.d  
Injection Date: 19-Dec-2020 03:40:30 Instrument ID: CHW.i  
Lims ID: 200-56451-A-5 Lab Sample ID: 200-56451-5  
Client ID: SG-205  
Operator ID: ggg ALS Bottle#: 21 Worklist Smp#: 22  
Purge Vol: 200.000 mL Dil. Factor: 1.0000  
Method: TO15\_TO3\_MasterMethod\_W Limit Group: AI\_TO15\_ICAL  
Column: RTX-624 ( 0.32 mm) Detector: MS SCAN

## 81 1,1,2,2-Tetrachloroethane, CAS: 79-34-5

## Processing Results



| RT    | Mass   | Response | Amount   |
|-------|--------|----------|----------|
| 21.24 | 83.00  | 27538    | 0.088393 |
| 21.25 | 131.00 | 189      |          |
| 21.29 | 85.00  | 0        |          |

Reviewer: bunmaa, 21-Dec-2020 13:19:02

Audit Action: Marked Compound Undetected

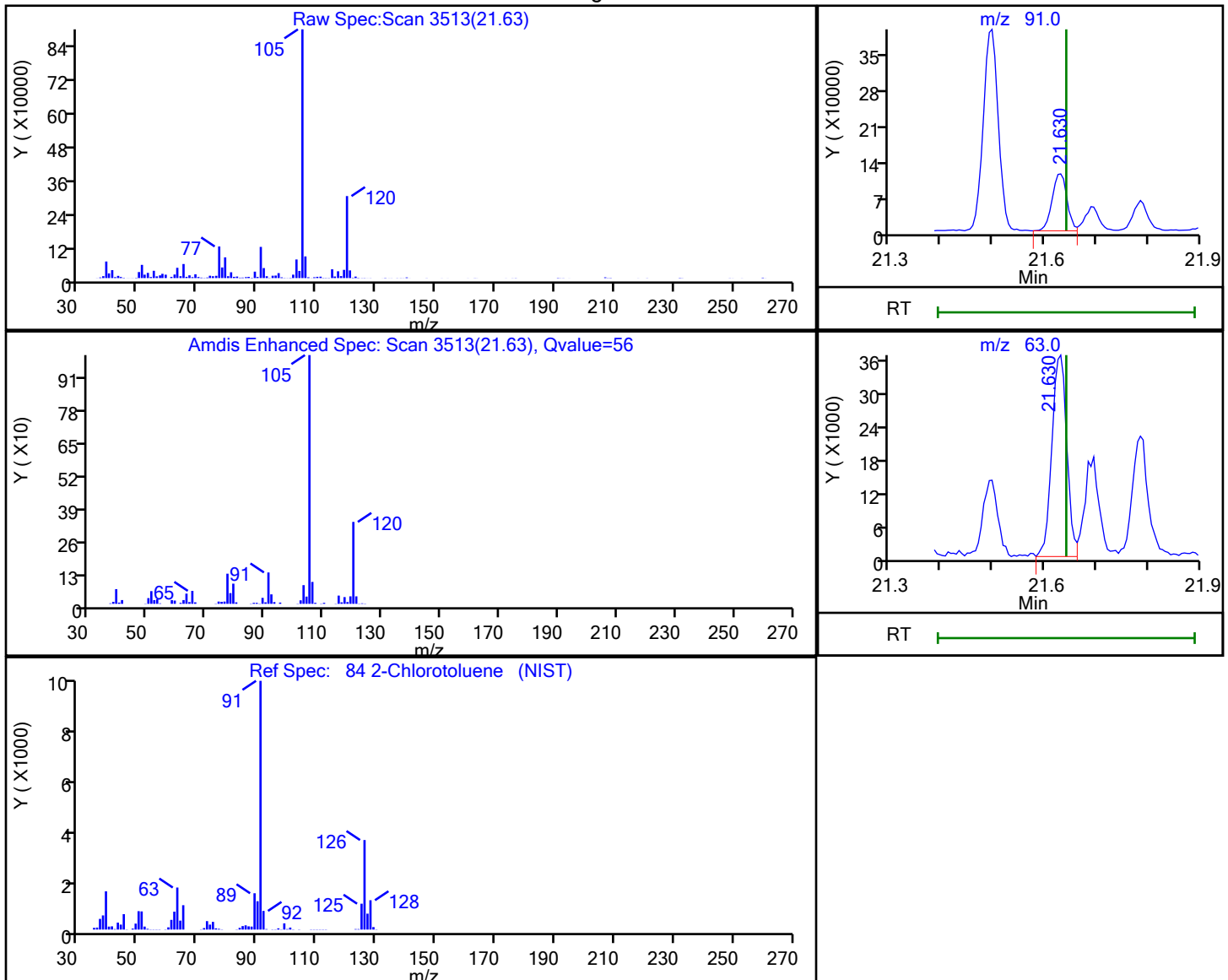
Audit Reason: Invalid Compound ID

## Eurofins TestAmerica, Burlington

Data File: \\chromfs\Burlington\ChromData\CHW.i\20201218-44134.b\44134-022.d  
Injection Date: 19-Dec-2020 03:40:30 Instrument ID: CHW.i  
Lims ID: 200-56451-A-5 Lab Sample ID: 200-56451-5  
Client ID: SG-205  
Operator ID: ggg ALS Bottle#: 21 Worklist Smp#: 22  
Purge Vol: 200.000 mL Dil. Factor: 1.0000  
Method: TO15\_TO3\_MasterMethod\_W Limit Group: AI\_TO15\_ICAL  
Column: RTX-624 ( 0.32 mm) Detector: MS SCAN

## 84 2-Chlorotoluene, CAS: 95-49-8

## Processing Results



| RT    | Mass  | Response | Amount   |
|-------|-------|----------|----------|
| 21.63 | 91.00 | 223259   | 0.508231 |
| 21.63 | 63.00 | 74004    |          |

Reviewer: bunmaa, 21-Dec-2020 13:19:10

Audit Action: Marked Compound Undetected

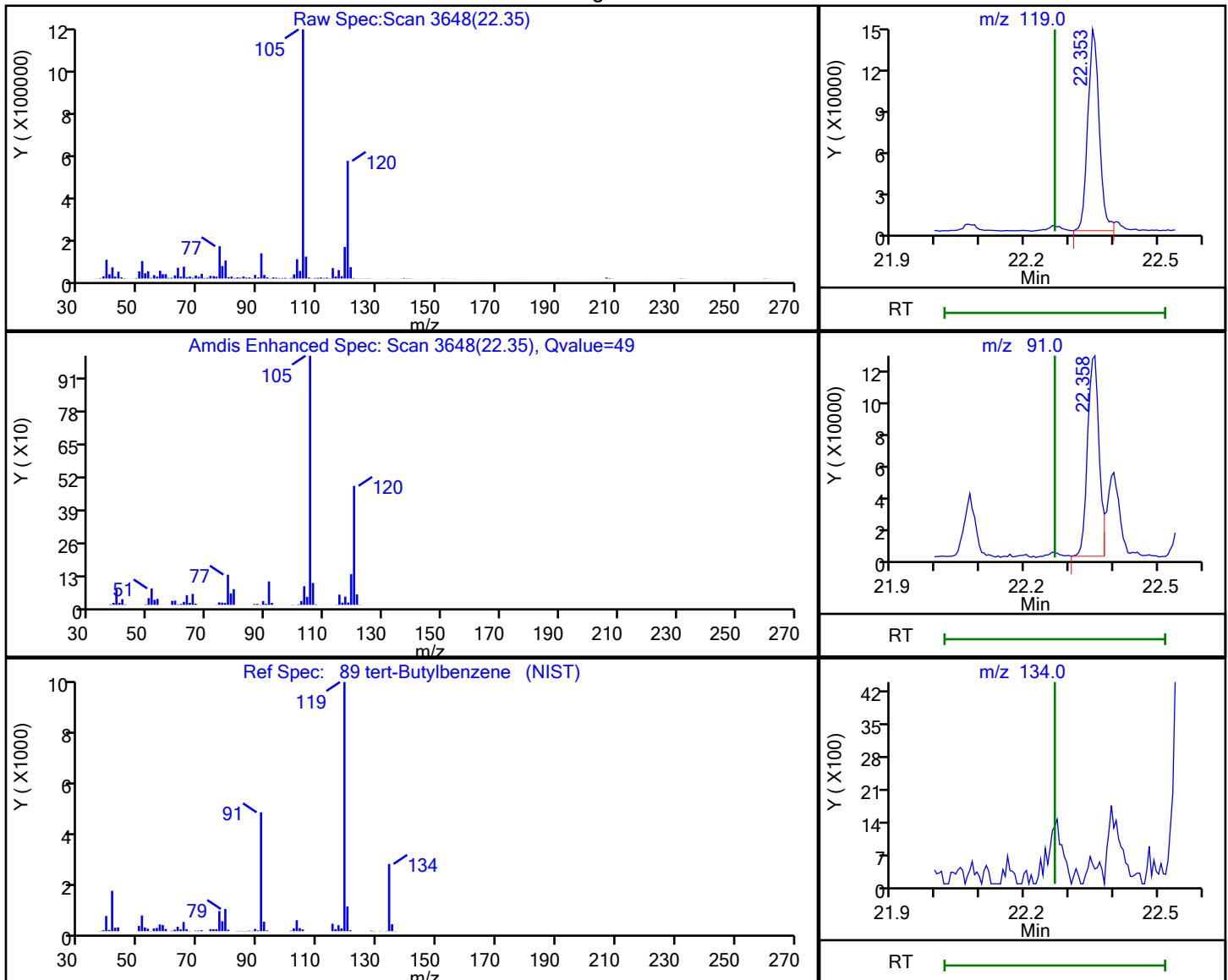
Audit Reason: Invalid Compound ID

## Eurofins TestAmerica, Burlington

Data File: \\chromfs\Burlington\ChromData\CHW.i\20201218-44134.b\44134-022.d  
Injection Date: 19-Dec-2020 03:40:30 Instrument ID: CHW.i  
Lims ID: 200-56451-A-5 Lab Sample ID: 200-56451-5  
Client ID: SG-205  
Operator ID: ggg ALS Bottle#: 21 Worklist Smp#: 22  
Purge Vol: 200.000 mL Dil. Factor: 1.0000  
Method: TO15\_TO3\_MasterMethod\_W Limit Group: AI\_TO15\_ICAL  
Column: RTX-624 ( 0.32 mm) Detector: MS SCAN

## 89 tert-Butylbenzene, CAS: 98-06-6

## Processing Results



| RT    | Mass   | Response | Amount   |
|-------|--------|----------|----------|
| 22.35 | 119.00 | 266207   | 0.531510 |
| 22.36 | 91.00  | 217745   |          |
| 22.27 | 134.00 | 0        |          |

Reviewer: bunmaa, 21-Dec-2020 13:19:34

Audit Action: Marked Compound Undetected

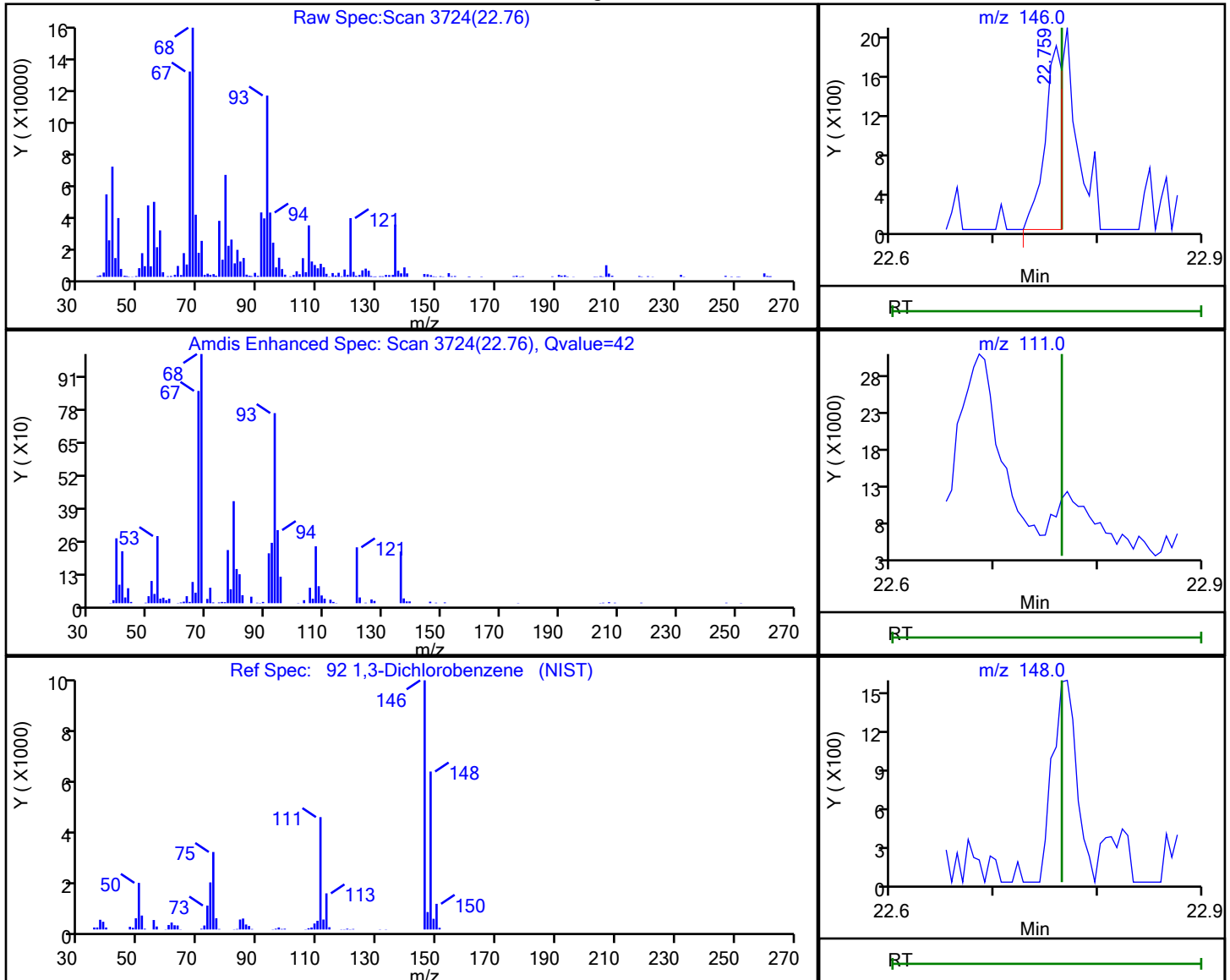
Audit Reason: Invalid Compound ID

## Eurofins TestAmerica, Burlington

Data File: \\chromfs\Burlington\ChromData\CHW.i\20201218-44134.b\44134-022.d  
Injection Date: 19-Dec-2020 03:40:30 Instrument ID: CHW.i  
Lims ID: 200-56451-A-5 Lab Sample ID: 200-56451-5  
Client ID: SG-205  
Operator ID: ggg ALS Bottle#: 21 Worklist Smp#: 22  
Purge Vol: 200.000 mL Dil. Factor: 1.0000  
Method: TO15\_TO3\_MasterMethod\_W Limit Group: AI\_TO15\_ICAL  
Column: RTX-624 ( 0.32 mm) Detector: MS SCAN

## 92 1,3-Dichlorobenzene, CAS: 541-73-1

## Processing Results



| RT    | Mass   | Response | Amount   |
|-------|--------|----------|----------|
| 22.76 | 146.00 | 2185     | 0.007058 |
| 22.76 | 111.00 | 0        |          |
| 22.76 | 148.00 | 0        |          |

Reviewer: bunmaa, 21-Dec-2020 13:19:52

Audit Action: Marked Compound Undetected

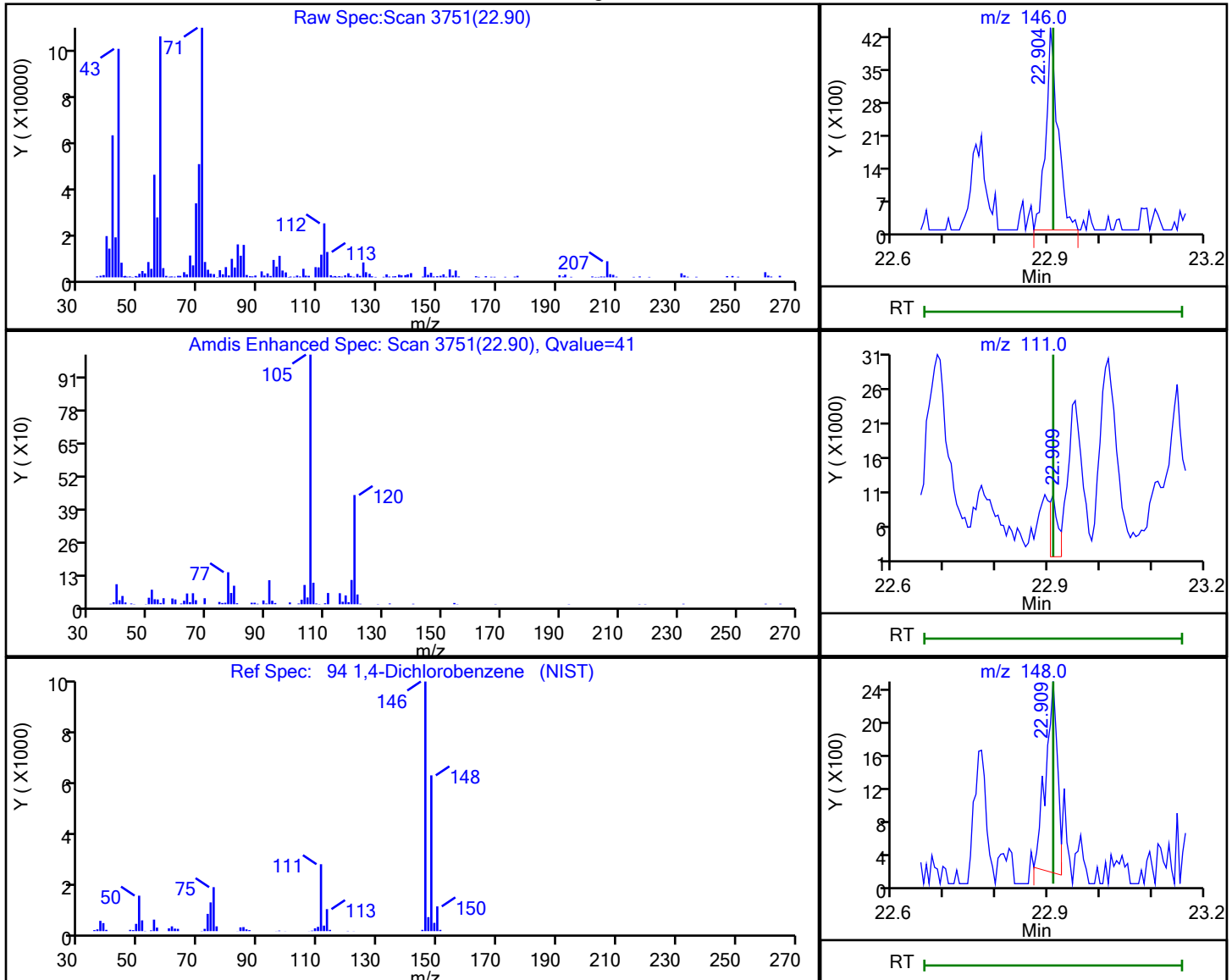
Audit Reason: Invalid Compound ID

## Eurofins TestAmerica, Burlington

Data File: \\chromfs\Burlington\ChromData\CHW.i\20201218-44134.b\44134-022.d  
Injection Date: 19-Dec-2020 03:40:30 Instrument ID: CHW.i  
Lims ID: 200-56451-A-5 Lab Sample ID: 200-56451-5  
Client ID: SG-205  
Operator ID: ggg ALS Bottle#: 21 Worklist Smp#: 22  
Purge Vol: 200.000 mL Dil. Factor: 1.0000  
Method: TO15\_TO3\_MasterMethod\_W Limit Group: AI\_TO15\_ICAL  
Column: RTX-624 ( 0.32 mm) Detector: MS SCAN

## 94 1,4-Dichlorobenzene, CAS: 106-46-7

## Processing Results



| RT    | Mass   | Response | Amount   |
|-------|--------|----------|----------|
| 22.90 | 146.00 | 6987     | 0.024745 |
| 22.91 | 111.00 | 9535     |          |
| 22.91 | 148.00 | 3617     |          |

Reviewer: bunmaa, 21-Dec-2020 13:19:59

Audit Action: Marked Compound Undetected

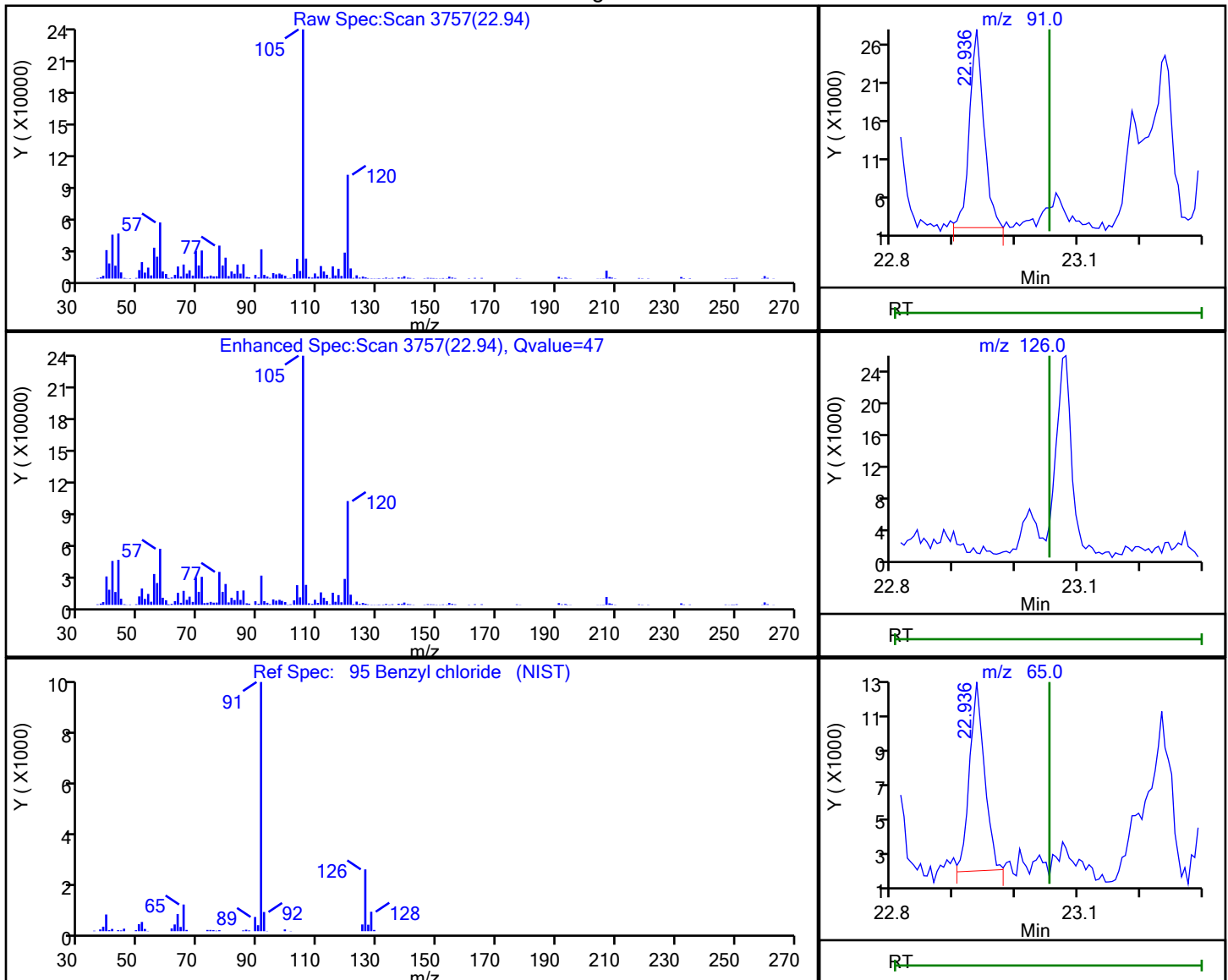
Audit Reason: Invalid Compound ID

## Eurofins TestAmerica, Burlington

Data File: \\chromfs\Burlington\ChromData\CHW.i\20201218-44134.b\44134-022.d  
Injection Date: 19-Dec-2020 03:40:30 Instrument ID: CHW.i  
Lims ID: 200-56451-A-5 Lab Sample ID: 200-56451-5  
Client ID: SG-205  
Operator ID: ggg ALS Bottle#: 21 Worklist Smp#: 22  
Purge Vol: 200.000 mL Dil. Factor: 1.0000  
Method: TO15\_TO3\_MasterMethod\_W Limit Group: AI\_TO15\_ICAL  
Column: RTX-624 ( 0.32 mm) Detector: MS SCAN

## 95 Benzyl chloride, CAS: 100-44-7

## Processing Results



| RT    | Mass   | Response | Amount   |
|-------|--------|----------|----------|
| 22.94 | 91.00  | 40790    | 0.126823 |
| 23.05 | 126.00 | 0        |          |
| 22.94 | 65.00  | 18621    |          |

Reviewer: bunmaa, 21-Dec-2020 13:20:15

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

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

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-56451-1  
 SDG No.: 200-56451-1  
 Client Sample ID: SG-205 DL Lab Sample ID: 200-56451-5 DL  
 Matrix: Air Lab File ID: 44134-023.d  
 Analysis Method: TO-15 Date Collected: 12/09/2020 14:53  
 Sample wt/vol: 13 (mL) Date Analyzed: 12/19/2020 04:33  
 Soil Aliquot Vol: \_\_\_\_\_ Dilution Factor: 15.4  
 Soil Extract Vol.: \_\_\_\_\_ GC Column: RTX-624 ID: 0.32 (mm)  
 % Moisture: \_\_\_\_\_ Level: (low/med) Low  
 Analysis Batch No.: 162240 Units: ug/m3

| CAS NO.   | COMPOUND NAME                    | MOLECULAR WEIGHT | RESULT | Q   | RL  | MDL |
|-----------|----------------------------------|------------------|--------|-----|-----|-----|
| 75-71-8   | Dichlorodifluoromethane          | 120.91           | 38     | U   | 38  | 8.4 |
| 75-45-6   | Chlorodifluoromethane            | 86.47            | 27     | U   | 27  | 6.5 |
| 76-14-2   | 1,2-Dichlorotetrafluoroethane    | 170.92           | 22     | U   | 22  | 3.8 |
| 74-87-3   | Chloromethane                    | 50.49            | 16     | U   | 16  | 3.5 |
| 106-97-8  | n-Butane                         | 58.12            | 110    | D   | 18  | 4.0 |
| 75-01-4   | Vinyl chloride                   | 62.50            | 3.1    | U   | 3.1 | 1.7 |
| 106-99-0  | 1,3-Butadiene                    | 54.09            | 18     | D   | 6.8 | 1.9 |
| 74-83-9   | Bromomethane                     | 94.94            | 12     | U   | 12  | 3.0 |
| 75-00-3   | Chloroethane                     | 64.52            | 20     | U   | 20  | 2.2 |
| 593-60-2  | Bromoethene (Vinyl Bromide)      | 106.96           | 13     | U   | 13  | 3.5 |
| 75-69-4   | Trichlorofluoromethane           | 137.37           | 17     | U   | 17  | 5.2 |
| 76-13-1   | 1,1,2-Trichlorotrifluoroethane   | 187.38           | 24     | U   | 24  | 4.5 |
| 75-35-4   | 1,1-Dichloroethene               | 96.94            | 3.1    | U   | 3.1 | 2.4 |
| 67-64-1   | Acetone                          | 58.08            | 180    | U   | 180 | 44  |
| 67-63-0   | Isopropyl alcohol                | 60.10            | 190    | U   | 190 | 18  |
| 75-15-0   | Carbon disulfide                 | 76.14            | 14     | J D | 24  | 3.5 |
| 107-05-1  | 3-Chloropropene                  | 76.53            | 24     | U   | 24  | 3.1 |
| 75-09-2   | Methylene Chloride               | 84.93            | 27     | U   | 27  | 14  |
| 75-65-0   | tert-Butyl alcohol               | 74.12            | 230    | U   | 230 | 1.8 |
| 1634-04-4 | Methyl tert-butyl ether          | 88.15            | 11     | U   | 11  | 1.8 |
| 156-60-5  | trans-1,2-Dichloroethene         | 96.94            | 12     | U   | 12  | 2.6 |
| 110-54-3  | n-Hexane                         | 86.17            | 34     | D   | 11  | 11  |
| 75-34-3   | 1,1-Dichloroethane               | 98.96            | 12     | U   | 12  | 2.6 |
| 78-93-3   | Methyl Ethyl Ketone (2-Butanone) | 72.11            | 23     | U   | 23  | 3.3 |
| 156-59-2  | cis-1,2-Dichloroethene           | 96.94            | 3.1    | U   | 3.1 | 2.7 |
| 67-66-3   | Chloroform                       | 119.38           | 15     | U   | 15  | 2.4 |
| 109-99-9  | Tetrahydrofuran                  | 72.11            | 230    | U   | 230 | 3.0 |
| 71-55-6   | 1,1,1-Trichloroethane            | 133.41           | 3.2    | J D | 17  | 3.0 |
| 110-82-7  | Cyclohexane                      | 84.16            | 11     | D   | 11  | 2.4 |
| 56-23-5   | Carbon tetrachloride             | 153.81           | 3.4    | U   | 3.4 | 2.3 |
| 540-84-1  | 2,2,4-Trimethylpentane           | 114.23           | 13     | J D | 14  | 2.9 |
| 71-43-2   | Benzene                          | 78.11            | 20     | D   | 9.8 | 3.3 |
| 107-06-2  | 1,2-Dichloroethane               | 98.96            | 12     | U   | 12  | 2.0 |



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

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-56451-1  
 SDG No.: 200-56451-1  
 Client Sample ID: SG-205 DL Lab Sample ID: 200-56451-5 DL  
 Matrix: Air Lab File ID: 44134-023.d  
 Analysis Method: TO-15 Date Collected: 12/09/2020 14:53  
 Sample wt/vol: 13 (mL) Date Analyzed: 12/19/2020 04:33  
 Soil Aliquot Vol: \_\_\_\_\_ Dilution Factor: 15.4  
 Soil Extract Vol.: \_\_\_\_\_ GC Column: RTX-624 ID: 0.32 (mm)  
 % Moisture: \_\_\_\_\_ Level: (low/med) Low  
 Analysis Batch No.: 162240 Units: ug/m3

| CAS NO.     | COMPOUND NAME                                    | MOLECULAR WEIGHT | RESULT | Q   | RL  | MDL |
|-------------|--------------------------------------------------|------------------|--------|-----|-----|-----|
| 142-82-5    | <i>n</i> -Heptane                                | 100.21           | 33     | D   | 13  | 3.5 |
| 79-01-6     | Trichloroethene                                  | 131.39           | 70     | D   | 3.1 | 2.9 |
| 80-62-6     | Methyl methacrylate                              | 100.12           | 32     | U   | 32  | 2.1 |
| 78-87-5     | 1,2-Dichloropropane                              | 112.99           | 14     | U   | 14  | 2.3 |
| 123-91-1    | 1,4-Dioxane                                      | 88.11            | 280    | U   | 280 | 4.7 |
| 75-27-4     | Bromodichloromethane                             | 163.83           | 21     | U   | 21  | 3.6 |
| 10061-01-5  | cis-1,3-Dichloropropene                          | 110.97           | 14     | U   | 14  | 2.2 |
| 108-10-1    | 4-Methyl-2-pentanone<br>(Methyl isobutyl ketone) | 100.16           | 32     | U   | 32  | 2.3 |
| 108-88-3    | Toluene                                          | 92.14            | 95     | D   | 12  | 6.4 |
| 10061-02-6  | trans-1,3-Dichloropropene                        | 110.97           | 14     | U   | 14  | 2.7 |
| 79-00-5     | 1,1,2-Trichloroethane                            | 133.41           | 17     | U   | 17  | 3.0 |
| 127-18-4    | Tetrachloroethene                                | 165.83           | 2900   | D   | 21  | 3.4 |
| 591-78-6    | Methyl Butyl Ketone<br>(2-Hexanone)              | 100.20           | 32     | U   | 32  | 3.0 |
| 124-48-1    | Dibromochloromethane                             | 208.28           | 26     | U   | 26  | 4.7 |
| 106-93-4    | 1,2-Dibromoethane                                | 187.87           | 24     | U   | 24  | 5.8 |
| 108-90-7    | Chlorobenzene                                    | 112.56           | 14     | U   | 14  | 4.0 |
| 100-41-4    | Ethylbenzene                                     | 106.17           | 21     | D   | 13  | 4.2 |
| 179601-23-1 | <i>m,p</i> -Xylene                               | 106.17           | 83     | D   | 33  | 6.7 |
| 95-47-6     | <i>o</i> -Xylene                                 | 106.17           | 24     | D   | 13  | 3.2 |
| 100-42-5    | Styrene                                          | 104.15           | 13     | U   | 13  | 2.6 |
| 75-25-2     | Bromoform                                        | 252.75           | 32     | U   | 32  | 7.6 |
| 98-82-8     | Cumene                                           | 120.19           | 15     | U   | 15  | 2.6 |
| 79-34-5     | 1,1,2,2-Tetrachloroethane                        | 167.85           | 21     | U   | 21  | 4.4 |
| 103-65-1    | <i>n</i> -Propylbenzene                          | 120.19           | 4.3    | J D | 15  | 3.0 |
| 622-96-8    | 4-Ethyltoluene                                   | 120.20           | 4.5    | J D | 15  | 3.1 |
| 108-67-8    | 1,3,5-Trimethylbenzene                           | 120.20           | 7.9    | J D | 15  | 3.0 |
| 95-49-8     | 2-Chlorotoluene                                  | 126.59           | 16     | U   | 16  | 3.3 |
| 98-06-6     | <i>tert</i> -Butylbenzene                        | 134.22           | 17     | U   | 17  | 3.0 |
| 95-63-6     | 1,2,4-Trimethylbenzene                           | 120.20           | 15     | D   | 15  | 3.3 |
| 135-98-8    | <i>sec</i> -Butylbenzene                         | 134.22           | 17     | U   | 17  | 3.0 |
| 99-87-6     | 4-Isopropyltoluene                               | 134.22           | 17     | U   | 17  | 3.3 |
| 541-73-1    | 1,3-Dichlorobenzene                              | 147.00           | 19     | U   | 19  | 10  |
| 106-46-7    | 1,4-Dichlorobenzene                              | 147.00           | 19     | U   | 19  | 11  |

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

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-56451-1  
SDG No.: 200-56451-1  
Client Sample ID: SG-205 DL Lab Sample ID: 200-56451-5 DL  
Matrix: Air Lab File ID: 44134-023.d  
Analysis Method: TO-15 Date Collected: 12/09/2020 14:53  
Sample wt/vol: 13 (mL) Date Analyzed: 12/19/2020 04:33  
Soil Aliquot Vol: \_\_\_\_\_ Dilution Factor: 15.4  
Soil Extract Vol.: \_\_\_\_\_ GC Column: RTX-624 ID: 0.32 (mm)  
% Moisture: \_\_\_\_\_ Level: (low/med) Low  
Analysis Batch No.: 162240 Units: ug/m3

| CAS NO.  | COMPOUND NAME          | MOLECULAR WEIGHT | RESULT | Q | RL | MDL |
|----------|------------------------|------------------|--------|---|----|-----|
| 100-44-7 | Benzyl chloride        | 126.58           | 16     | U | 16 | 6.8 |
| 104-51-8 | n-Butylbenzene         | 134.22           | 17     | U | 17 | 3.3 |
| 95-50-1  | 1,2-Dichlorobenzene    | 147.00           | 19     | U | 19 | 9.0 |
| 120-82-1 | 1,2,4-Trichlorobenzene | 181.45           | 57     | U | 57 | 25  |
| 87-68-3  | Hexachlorobutadiene    | 260.76           | 33     | U | 33 | 12  |
| 91-20-3  | Naphthalene            | 128.17           | 40     | U | 40 | 14  |

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

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-56451-1  
 SDG No.: 200-56451-1  
 Client Sample ID: SG-205 DL Lab Sample ID: 200-56451-5 DL  
 Matrix: Air Lab File ID: 44134-023.d  
 Analysis Method: TO-15 Date Collected: 12/09/2020 14:53  
 Sample wt/vol: 13 (mL) Date Analyzed: 12/19/2020 04:33  
 Soil Aliquot Vol: \_\_\_\_\_ Dilution Factor: 15.4  
 Soil Extract Vol.: \_\_\_\_\_ GC Column: RTX-624 ID: 0.32 (mm)  
 % Moisture: \_\_\_\_\_ Level: (low/med) Low  
 Analysis Batch No.: 162240 Units: ppb v/v

| CAS NO.   | COMPOUND NAME                    | MOLECULAR WEIGHT | RESULT | Q   | RL   | MDL  |
|-----------|----------------------------------|------------------|--------|-----|------|------|
| 75-71-8   | Dichlorodifluoromethane          | 120.91           | 7.7    | U   | 7.7  | 1.7  |
| 75-45-6   | Chlorodifluoromethane            | 86.47            | 7.7    | U   | 7.7  | 1.8  |
| 76-14-2   | 1,2-Dichlorotetrafluoroethane    | 170.92           | 3.1    | U   | 3.1  | 0.54 |
| 74-87-3   | Chloromethane                    | 50.49            | 7.7    | U   | 7.7  | 1.7  |
| 106-97-8  | n-Butane                         | 58.12            | 48     | D   | 7.7  | 1.7  |
| 75-01-4   | Vinyl chloride                   | 62.50            | 1.2    | U   | 1.2  | 0.68 |
| 106-99-0  | 1,3-Butadiene                    | 54.09            | 8.1    | D   | 3.1  | 0.88 |
| 74-83-9   | Bromomethane                     | 94.94            | 3.1    | U   | 3.1  | 0.79 |
| 75-00-3   | Chloroethane                     | 64.52            | 7.7    | U   | 7.7  | 0.83 |
| 593-60-2  | Bromoethene (Vinyl Bromide)      | 106.96           | 3.1    | U   | 3.1  | 0.80 |
| 75-69-4   | Trichlorofluoromethane           | 137.37           | 3.1    | U   | 3.1  | 0.92 |
| 76-13-1   | 1,1,2-Trichlorotrifluoroethane   | 187.38           | 3.1    | U   | 3.1  | 0.59 |
| 75-35-4   | 1,1-Dichloroethene               | 96.94            | 0.78   | U   | 0.78 | 0.60 |
| 67-64-1   | Acetone                          | 58.08            | 77     | U   | 77   | 18   |
| 67-63-0   | Isopropyl alcohol                | 60.10            | 77     | U   | 77   | 7.4  |
| 75-15-0   | Carbon disulfide                 | 76.14            | 4.4    | J D | 7.7  | 1.1  |
| 107-05-1  | 3-Chloropropene                  | 76.53            | 7.7    | U   | 7.7  | 0.99 |
| 75-09-2   | Methylene Chloride               | 84.93            | 7.7    | U   | 7.7  | 4.2  |
| 75-65-0   | tert-Butyl alcohol               | 74.12            | 77     | U   | 77   | 0.59 |
| 1634-04-4 | Methyl tert-butyl ether          | 88.15            | 3.1    | U   | 3.1  | 0.51 |
| 156-60-5  | trans-1,2-Dichloroethene         | 96.94            | 3.1    | U   | 3.1  | 0.65 |
| 110-54-3  | n-Hexane                         | 86.17            | 9.6    | D   | 3.1  | 3.1  |
| 75-34-3   | 1,1-Dichloroethane               | 98.96            | 3.1    | U   | 3.1  | 0.63 |
| 78-93-3   | Methyl Ethyl Ketone (2-Butanone) | 72.11            | 7.7    | U   | 7.7  | 1.1  |
| 156-59-2  | cis-1,2-Dichloroethene           | 96.94            | 0.78   | U   | 0.78 | 0.69 |
| 67-66-3   | Chloroform                       | 119.38           | 3.1    | U   | 3.1  | 0.49 |
| 109-99-9  | Tetrahydrofuran                  | 72.11            | 77     | U   | 77   | 1.0  |
| 71-55-6   | 1,1,1-Trichloroethane            | 133.41           | 0.58   | J D | 3.1  | 0.55 |
| 110-82-7  | Cyclohexane                      | 84.16            | 3.3    | D   | 3.1  | 0.71 |
| 56-23-5   | Carbon tetrachloride             | 153.81           | 0.54   | U   | 0.54 | 0.37 |
| 540-84-1  | 2,2,4-Trimethylpentane           | 114.23           | 2.8    | J D | 3.1  | 0.63 |
| 71-43-2   | Benzene                          | 78.11            | 6.2    | D   | 3.1  | 1.0  |
| 107-06-2  | 1,2-Dichloroethane               | 98.96            | 3.1    | U   | 3.1  | 0.49 |

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

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-56451-1  
 SDG No.: 200-56451-1  
 Client Sample ID: SG-205 DL Lab Sample ID: 200-56451-5 DL  
 Matrix: Air Lab File ID: 44134-023.d  
 Analysis Method: TO-15 Date Collected: 12/09/2020 14:53  
 Sample wt/vol: 13 (mL) Date Analyzed: 12/19/2020 04:33  
 Soil Aliquot Vol: \_\_\_\_\_ Dilution Factor: 15.4  
 Soil Extract Vol.: \_\_\_\_\_ GC Column: RTX-624 ID: 0.32 (mm)  
 % Moisture: \_\_\_\_\_ Level: (low/med) Low  
 Analysis Batch No.: 162240 Units: ppb v/v

| CAS NO.     | COMPOUND NAME                                    | MOLECULAR WEIGHT | RESULT | Q   | RL   | MDL  |
|-------------|--------------------------------------------------|------------------|--------|-----|------|------|
| 142-82-5    | <i>n</i> -Heptane                                | 100.21           | 8.1    | D   | 3.1  | 0.86 |
| 79-01-6     | Trichloroethene                                  | 131.39           | 13     | D   | 0.57 | 0.54 |
| 80-62-6     | Methyl methacrylate                              | 100.12           | 7.7    | U   | 7.7  | 0.51 |
| 78-87-5     | 1,2-Dichloropropane                              | 112.99           | 3.1    | U   | 3.1  | 0.51 |
| 123-91-1    | 1,4-Dioxane                                      | 88.11            | 77     | U   | 77   | 1.3  |
| 75-27-4     | Bromodichloromethane                             | 163.83           | 3.1    | U   | 3.1  | 0.54 |
| 10061-01-5  | <i>cis</i> -1,3-Dichloropropene                  | 110.97           | 3.1    | U   | 3.1  | 0.49 |
| 108-10-1    | 4-Methyl-2-pentanone<br>(Methyl isobutyl ketone) | 100.16           | 7.7    | U   | 7.7  | 0.55 |
| 108-88-3    | Toluene                                          | 92.14            | 25     | D   | 3.1  | 1.7  |
| 10061-02-6  | <i>trans</i> -1,3-Dichloropropene                | 110.97           | 3.1    | U   | 3.1  | 0.60 |
| 79-00-5     | 1,1,2-Trichloroethane                            | 133.41           | 3.1    | U   | 3.1  | 0.55 |
| 127-18-4    | Tetrachloroethene                                | 165.83           | 430    | D   | 3.1  | 0.51 |
| 591-78-6    | Methyl Butyl Ketone<br>(2-Hexanone)              | 100.20           | 7.7    | U   | 7.7  | 0.74 |
| 124-48-1    | Dibromochloromethane                             | 208.28           | 3.1    | U   | 3.1  | 0.55 |
| 106-93-4    | 1,2-Dibromoethane                                | 187.87           | 3.1    | U   | 3.1  | 0.75 |
| 108-90-7    | Chlorobenzene                                    | 112.56           | 3.1    | U   | 3.1  | 0.86 |
| 100-41-4    | Ethylbenzene                                     | 106.17           | 4.8    | D   | 3.1  | 0.97 |
| 179601-23-1 | <i>m,p</i> -Xylene                               | 106.17           | 19     | D   | 7.7  | 1.5  |
| 95-47-6     | <i>o</i> -Xylene                                 | 106.17           | 5.5    | D   | 3.1  | 0.74 |
| 100-42-5    | Styrene                                          | 104.15           | 3.1    | U   | 3.1  | 0.62 |
| 75-25-2     | Bromoform                                        | 252.75           | 3.1    | U   | 3.1  | 0.74 |
| 98-82-8     | Cumene                                           | 120.19           | 3.1    | U   | 3.1  | 0.54 |
| 79-34-5     | 1,1,2,2-Tetrachloroethane                        | 167.85           | 3.1    | U   | 3.1  | 0.65 |
| 103-65-1    | <i>n</i> -Propylbenzene                          | 120.19           | 0.88   | J D | 3.1  | 0.60 |
| 622-96-8    | 4-Ethyltoluene                                   | 120.20           | 0.92   | J D | 3.1  | 0.63 |
| 108-67-8    | 1,3,5-Trimethylbenzene                           | 120.20           | 1.6    | J D | 3.1  | 0.60 |
| 95-49-8     | 2-Chlorotoluene                                  | 126.59           | 3.1    | U   | 3.1  | 0.65 |
| 98-06-6     | <i>tert</i> -Butylbenzene                        | 134.22           | 3.1    | U   | 3.1  | 0.54 |
| 95-63-6     | 1,2,4-Trimethylbenzene                           | 120.20           | 3.0    | D   | 3.1  | 0.68 |
| 135-98-8    | <i>sec</i> -Butylbenzene                         | 134.22           | 3.1    | U   | 3.1  | 0.54 |
| 99-87-6     | 4-Isopropyltoluene                               | 134.22           | 3.1    | U   | 3.1  | 0.60 |
| 541-73-1    | 1,3-Dichlorobenzene                              | 147.00           | 3.1    | U   | 3.1  | 1.7  |
| 106-46-7    | 1,4-Dichlorobenzene                              | 147.00           | 3.1    | U   | 3.1  | 1.8  |

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

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-56451-1  
 SDG No.: 200-56451-1  
 Client Sample ID: SG-205 DL Lab Sample ID: 200-56451-5 DL  
 Matrix: Air Lab File ID: 44134-023.d  
 Analysis Method: TO-15 Date Collected: 12/09/2020 14:53  
 Sample wt/vol: 13 (mL) Date Analyzed: 12/19/2020 04:33  
 Soil Aliquot Vol: \_\_\_\_\_ Dilution Factor: 15.4  
 Soil Extract Vol.: \_\_\_\_\_ GC Column: RTX-624 ID: 0.32 (mm)  
 % Moisture: \_\_\_\_\_ Level: (low/med) Low  
 Analysis Batch No.: 162240 Units: ppb v/v

| CAS NO.  | COMPOUND NAME          | MOLECULAR WEIGHT | RESULT | Q | RL  | MDL  |
|----------|------------------------|------------------|--------|---|-----|------|
| 100-44-7 | Benzyl chloride        | 126.58           | 3.1    | U | 3.1 | 1.3  |
| 104-51-8 | n-Butylbenzene         | 134.22           | 3.1    | U | 3.1 | 0.60 |
| 95-50-1  | 1,2-Dichlorobenzene    | 147.00           | 3.1    | U | 3.1 | 1.5  |
| 120-82-1 | 1,2,4-Trichlorobenzene | 181.45           | 7.7    | U | 7.7 | 3.4  |
| 87-68-3  | Hexachlorobutadiene    | 260.76           | 3.1    | U | 3.1 | 1.2  |
| 91-20-3  | Naphthalene            | 128.17           | 7.7    | U | 7.7 | 2.6  |

Eurofins TestAmerica, Burlington  
Target Compound Quantitation Report

Data File: \\chromfs\Burlington\ChromData\CHW.i\20201218-44134.b\44134-023.d  
 Lims ID: 200-56451-A-5  
 Client ID: SG-205  
 Sample Type: Client  
 Inject. Date: 19-Dec-2020 04:33:30 ALS Bottle#: 22 Worklist Smp#: 23  
 Purge Vol: 200.000 mL Dil. Factor: 15.4000  
 Sample Info: 200-0044134-023  
 Operator ID: ggg Instrument ID: CHW.i  
 Method: \\chromfs\Burlington\ChromData\CHW.i\20201218-44134.b\TO15\_TO3\_MasterMethod\_W.m  
 Limit Group: AI\_TO15\_ICAL  
 Last Update: 21-Dec-2020 13:26:05 Calib Date: 11-Dec-2020 05:25:30  
 Integrator: RTE ID Type: Deconvolution ID  
 Quant Method: Internal Standard Quant By: Initial Calibration  
 Last ICal File: \\chromfs\Burlington\ChromData\CHW.i\20201210-44014.b\44014-016.d  
 Column 1 : RTX-624 ( 0.32 mm) Det: MS SCAN  
 Process Host: CTX1612

First Level Reviewer: bunmaa

Date: 21-Dec-2020 13:26:05

| Compound                           | Sig | RT (min.) | Adj RT (min.) | Dlt RT (min.) | Q  | Response | OnCol Amt ppb v/v | Flags |
|------------------------------------|-----|-----------|---------------|---------------|----|----------|-------------------|-------|
| 2 Dichlorodifluoromethane          | 85  | 4.089     | 4.110         | 0.016         | 98 | 13500    | 0.0322            |       |
| 3 Chlorodifluoromethane            | 51  |           | 4.116         |               |    |          | ND                | 7     |
| 4 1,2-Dichloro-1,1,2,2-tetrafluoro | 85  |           | 4.469         |               |    |          | ND                |       |
| 5 Chloromethane                    | 50  |           | 4.560         |               |    |          | ND                | MU    |
| 6 Vinyl chloride                   | 62  |           | 4.897         |               |    |          | ND                | 7     |
| 7 Butane                           | 43  | 4.907     | 4.913         | -0.006        | 97 | 838032   | 3.13              |       |
| 8 Butadiene                        | 54  | 5.030     | 5.041         | 0.005         | 97 | 76706    | 0.5236            |       |
| 9 Bromomethane                     | 94  |           | 5.758         |               |    |          | ND                | 7     |
| 11 Chloroethane                    | 64  |           | 6.047         |               |    |          | ND                | 7     |
| 13 Vinyl bromide                   | 106 |           | 6.485         |               |    |          | ND                | 7     |
| 14 Trichlorofluoromethane          | 101 |           | 6.657         |               |    |          | ND                | MU    |
| 20 1,1-Dichloroethene              | 96  |           | 7.753         |               |    |          | ND                | U     |
| 21 112TCTFE                        | 101 |           | 7.801         |               |    |          | ND                | MU    |
| 22 Acetone                         | 43  | 7.898     | 7.855         | 0.043         | 95 | 97775    | 0.5343            |       |
| 24 Carbon disulfide                | 76  | 8.160     | 8.165         | -0.005        | 99 | 105067   | 0.2887            |       |
| 23 Isopropyl alcohol               | 45  |           | 8.171         |               |    |          | ND                | 7     |
| 26 3-Chloro-1-propene              | 41  |           | 8.470         |               |    |          | ND                | U     |
| 27 Methylene Chloride              | 49  | 8.716     | 8.689         | 0.010         | 89 | 15300    | 0.1062            |       |
| 28 2-Methyl-2-propanol             | 59  |           | 8.941         |               |    |          | ND                | 7     |
| 30 trans-1,2-Dichloroethene        | 61  |           | 9.219         |               |    |          | ND                | 7     |
| 31 Methyl tert-butyl ether         | 73  |           | 9.230         |               |    |          | ND                | 7     |
| 32 Hexane                          | 57  | 9.727     | 9.717         | -0.006        | 93 | 106622   | 0.6243            |       |
| 33 1,1-Dichloroethane              | 63  |           | 9.995         |               |    |          | ND                | 7     |
| 36 2-Butanone (MEK)                | 72  |           | 10.985        |               |    |          | ND                | U     |
| 37 cis-1,2-Dichloroethene          | 96  |           | 11.001        |               |    |          | ND                | 7     |
| * 39 Chlorobromomethane            | 128 | 11.413    | 11.423        | -0.010        | 88 | 891034   | 10.0              |       |
| 40 Tetrahydrofuran                 | 42  |           | 11.466        |               |    |          | ND                |       |
| 41 Chloroform                      | 83  |           | 11.600        |               |    |          | ND                |       |
| 42 1,1,1-Trichloroethane           | 97  | 11.905    | 11.905        | -0.005        | 94 | 11169    | 0.0377            | M     |
| 43 Cyclohexane                     | 84  | 12.038    | 12.033        | -0.006        | 95 | 35181    | 0.2147            |       |
| 44 Carbon tetrachloride            | 117 |           | 12.188        |               |    |          | ND                | 7     |
| 45 Benzene                         | 78  | 12.536    | 12.525        | -0.005        | 96 | 152037   | 0.3996            |       |

| Compound                       | Sig | RT<br>(min.) | Adj RT<br>(min.) | Dlt RT<br>(min.) | Q  | Response | OnCol Amt<br>ppb v/v | Flags |
|--------------------------------|-----|--------------|------------------|------------------|----|----------|----------------------|-------|
| 46 1,2-Dichloroethane          | 62  |              | 12.616           |                  |    |          | ND                   |       |
| 47 Isooctane                   | 57  | 12.755       | 12.744           | 0.000            | 96 | 99818    | 0.1815               |       |
| 48 n-Heptane                   | 43  | 13.066       | 13.055           | -0.005           | 90 | 108041   | 0.5277               |       |
| * 50 1,4-Difluorobenzene       | 114 | 13.280       | 13.285           | -0.005           | 94 | 4341110  | 10.0                 |       |
| 51 Trichloroethene             | 95  | 13.713       | 13.712           | -0.005           | 99 | 151673   | 0.8416               |       |
| 54 1,2-Dichloropropane         | 63  |              | 14.178           |                  |    |          | ND                   | 7     |
| 55 Methyl methacrylate         | 69  |              | 14.269           |                  |    |          | ND                   | U     |
| 56 1,4-Dioxane                 | 88  |              | 14.307           |                  |    |          | ND                   | 7     |
| 58 Dichlorobromomethane        | 83  |              | 14.649           |                  |    |          | ND                   |       |
| 60 cis-1,3-Dichloropropene     | 75  |              | 15.457           |                  |    |          | ND                   | 7     |
| 61 4-Methyl-2-pentanone (MIBK) | 43  |              | 15.714           |                  |    |          | ND                   | MU    |
| 62 Toluene                     | 92  | 16.099       | 16.104           | 0.000            | 94 | 416351   | 1.64                 |       |
| 64 trans-1,3-Dichloropropene   | 75  |              | 16.516           |                  |    |          | ND                   | 7     |
| 65 1,1,2-Trichloroethane       | 83  |              | 16.896           |                  |    |          | ND                   | U     |
| 66 Tetrachloroethene           | 166 | 17.094       | 17.083           | 0.005            | 97 | 7225030  | 27.9                 |       |
| 67 2-Hexanone                  | 43  |              | 17.297           |                  |    |          | ND                   | U     |
| 68 Chlorodibromomethane        | 129 |              | 17.634           |                  |    |          | ND                   |       |
| 69 Ethylene Dibromide          | 107 |              | 17.875           |                  |    |          | ND                   |       |
| * 70 Chlorobenzene-d5          | 117 | 18.790       | 18.790           | 0.000            | 86 | 3515782  | 10.0                 |       |
| 71 Chlorobenzene               | 112 |              | 18.849           |                  |    |          | ND                   | 7     |
| 73 Ethylbenzene                | 91  | 19.041       | 19.041           | 0.000            | 98 | 176450   | 0.3108               |       |
| 74 m-Xylene & p-Xylene         | 106 | 19.293       | 19.308           | -0.010           | 0  | 271172   | 1.23                 |       |
| 76 o-Xylene                    | 106 | 20.079       | 20.084           | 0.000            | 99 | 74111    | 0.3566               |       |
| 78 Styrene                     | 104 |              | 20.116           |                  |    |          | ND                   | MU    |
| 79 Bromoform                   | 173 |              | 20.464           |                  |    |          | ND                   |       |
| 80 Isopropylbenzene            | 105 | 20.780       | 20.775           | 0.006            | 73 | 20043    | 0.0328               |       |
| 81 1,1,2,2-Tetrachloroethane   | 83  |              | 21.293           |                  |    |          | ND                   | 7     |
| 83 N-Propylbenzene             | 91  | 21.497       | 21.491           | 0.006            | 99 | 41176    | 0.0571               |       |
| 84 2-Chlorotoluene             | 91  |              | 21.641           |                  |    |          | ND                   | U     |
| 85 4-Ethyltoluene              | 105 | 21.689       | 21.700           | 0.000            | 98 | 35593    | 0.0596               |       |
| 86 1,3,5-Trimethylbenzene      | 105 | 21.791       | 21.769           | 0.005            | 94 | 53069    | 0.1042               |       |
| 89 tert-Butylbenzene           | 119 |              | 22.267           |                  |    |          | ND                   | U     |
| 90 1,2,4-Trimethylbenzene      | 105 | 22.353       | 22.353           | 0.000            | 98 | 99718    | 0.1963               |       |
| 91 sec-Butylbenzene            | 105 |              | 22.593           |                  |    |          | ND                   | 7     |
| 92 1,3-Dichlorobenzene         | 146 |              | 22.765           |                  |    |          | ND                   | 7     |
| 93 4-Isopropyltoluene          | 119 |              | 22.807           |                  |    |          | ND                   | 7     |
| 94 1,4-Dichlorobenzene         | 146 |              | 22.909           |                  |    |          | ND                   | 7     |
| 95 Benzyl chloride             | 91  |              | 23.053           |                  |    |          | ND                   |       |
| 96 n-Butylbenzene              | 91  |              | 23.364           |                  |    |          | ND                   | U     |
| 97 1,2-Dichlorobenzene         | 146 |              | 23.396           |                  |    |          | ND                   | 7     |
| 100 1,2,4-Trichlorobenzene     | 180 |              | 25.835           |                  |    |          | ND                   | 7     |
| 101 Hexachlorobutadiene        | 225 |              | 26.076           |                  |    |          | ND                   | MU    |
| 102 Naphthalene                | 128 |              | 26.311           |                  |    |          | ND                   | MU    |

### QC Flag Legend

Processing Flags

7 - Failed Limit of Detection

Review Flags

M - Manually Integrated

U - Marked Undetected

**Reagents:**

ATTO15WISs\_00009

Amount Added: 20.00

Units: mL

Run Reagent



Eurofins TestAmerica, Burlington

Data File: \\chromfs\Burlington\ChromData\CHW.i\20201218-44134.b\44134-023.d

Injection Date: 19-Dec-2020 04:33:30

Instrument ID: CHW.i

Operator ID: ggg

Lims ID: 200-56451-A-5

Lab Sample ID: 200-56451-5

Worklist Smp#: 23

Client ID: SG-205

Purge Vol: 200.000 mL

Dil. Factor: 15.4000

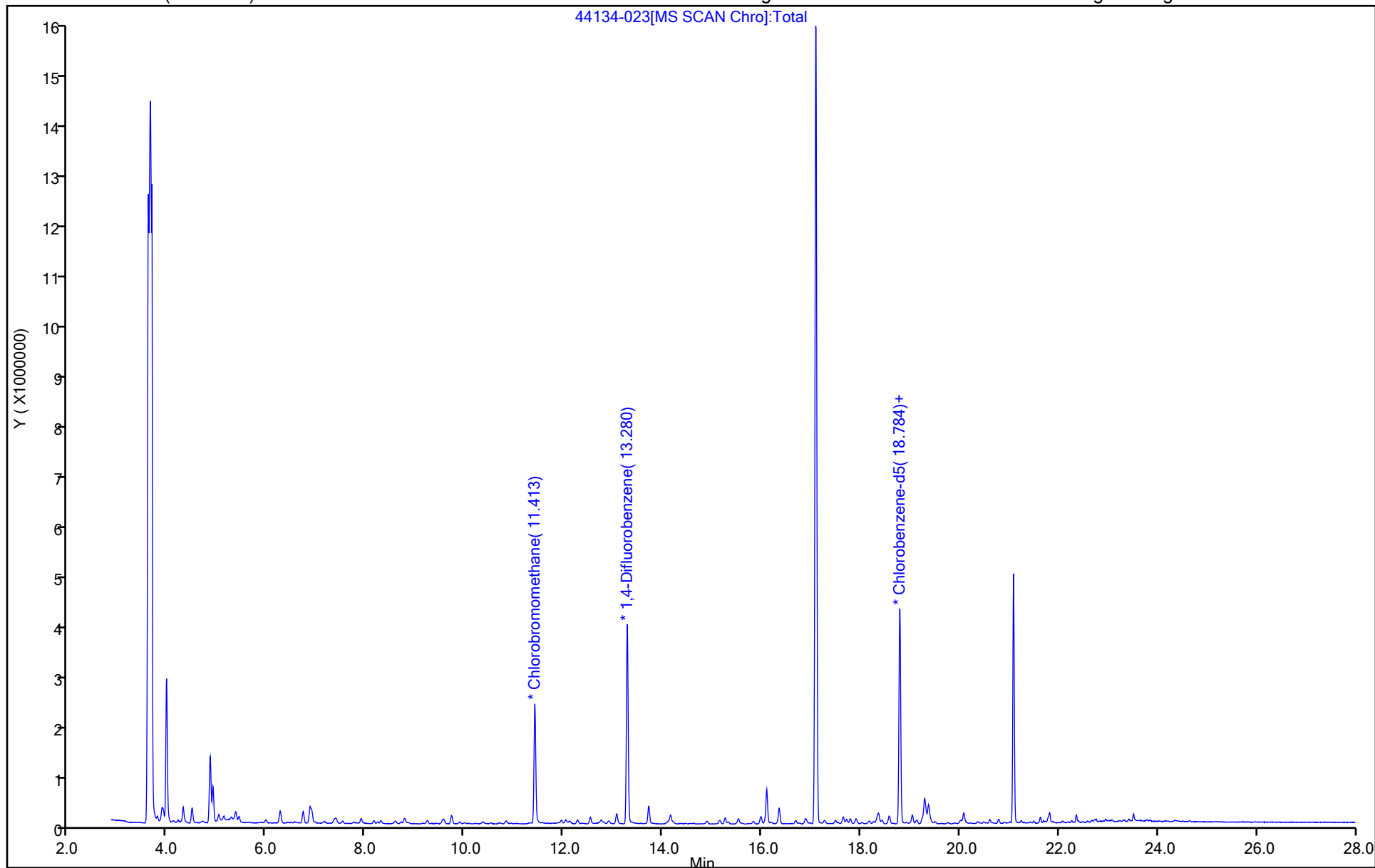
ALS Bottle#: 22

Method: TO15\_TO3\_MasterMethod\_W

Limit Group: AI\_TO15\_ICAL

Column: RTX-624 ( 0.32 mm)

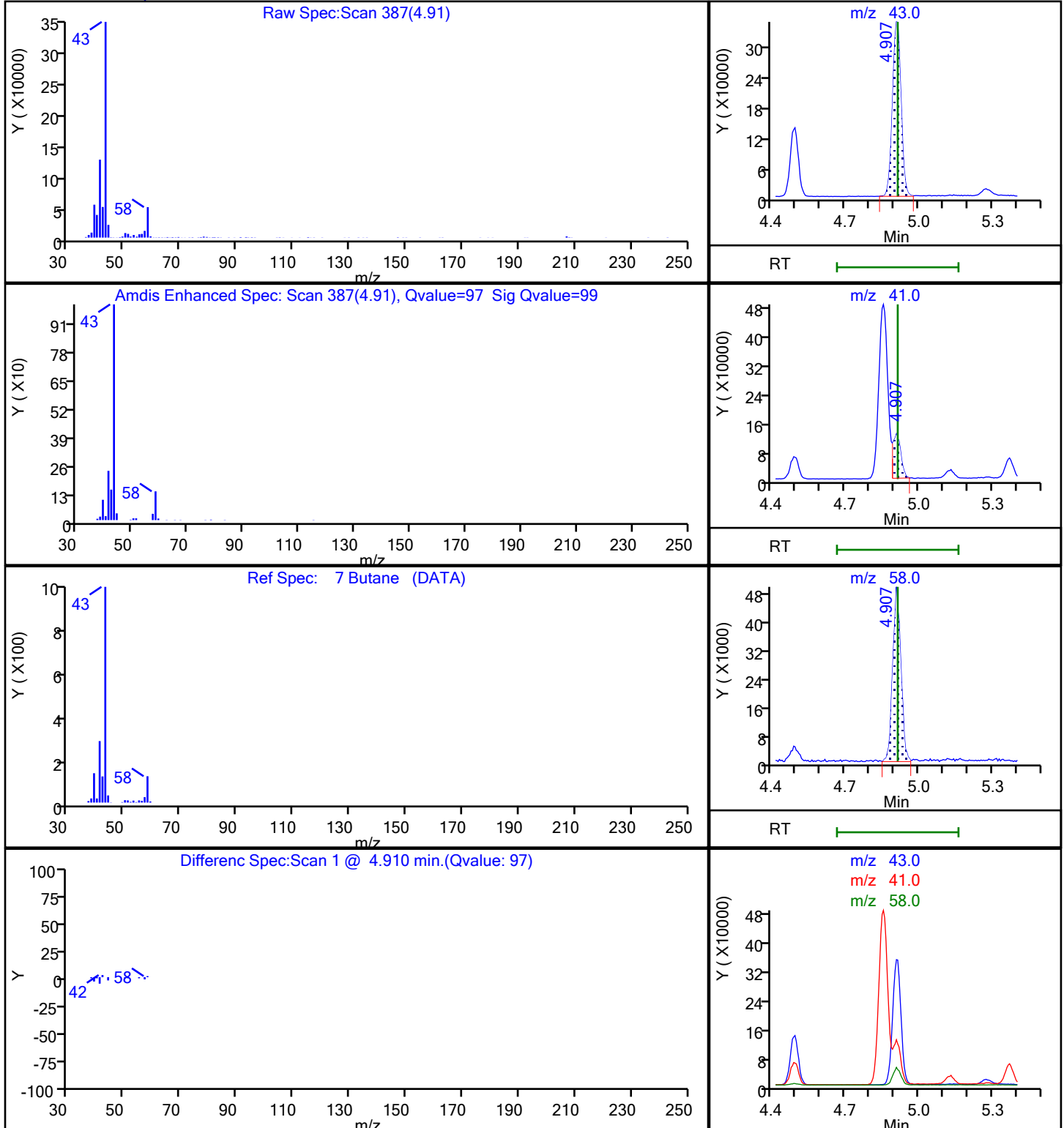
Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



## Eurofins TestAmerica, Burlington

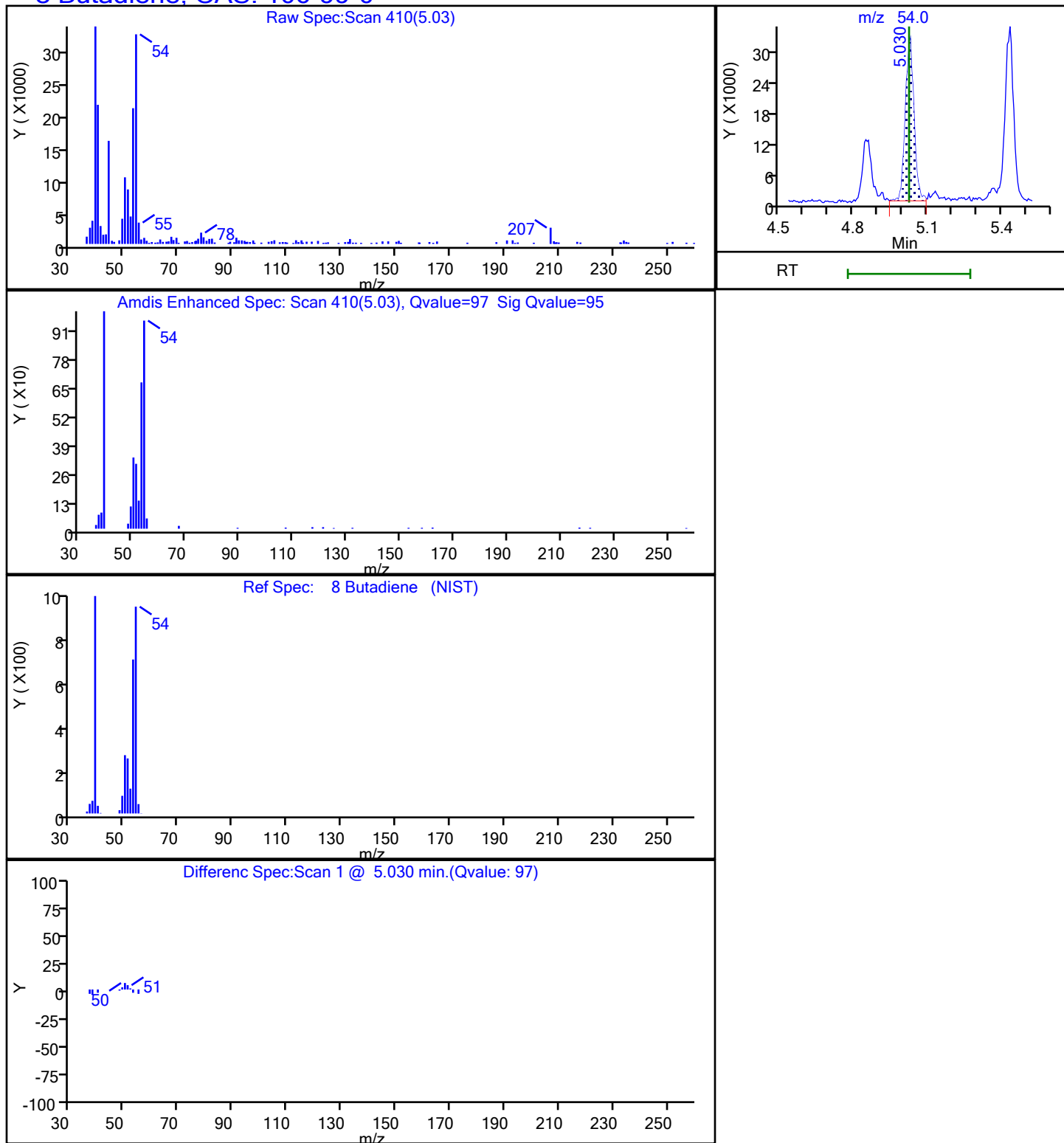
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Injection Date: 19-Dec-2020 04:33:30 Instrument ID: CHW.i  
Lims ID: 200-56451-A-5 Lab Sample ID: 200-56451-5  
Client ID: SG-205  
Operator ID: ggg ALS Bottle#: 22 Worklist Smp#: 23  
Purge Vol: 200.000 mL Dil. Factor: 15.4000  
Method: TO15\_TO3\_MasterMethod\_W Limit Group: AI\_TO15\_ICAL  
Column: RTX-624 ( 0.32 mm) Detector MS SCAN

## 7 Butane, CAS: 106-97-8



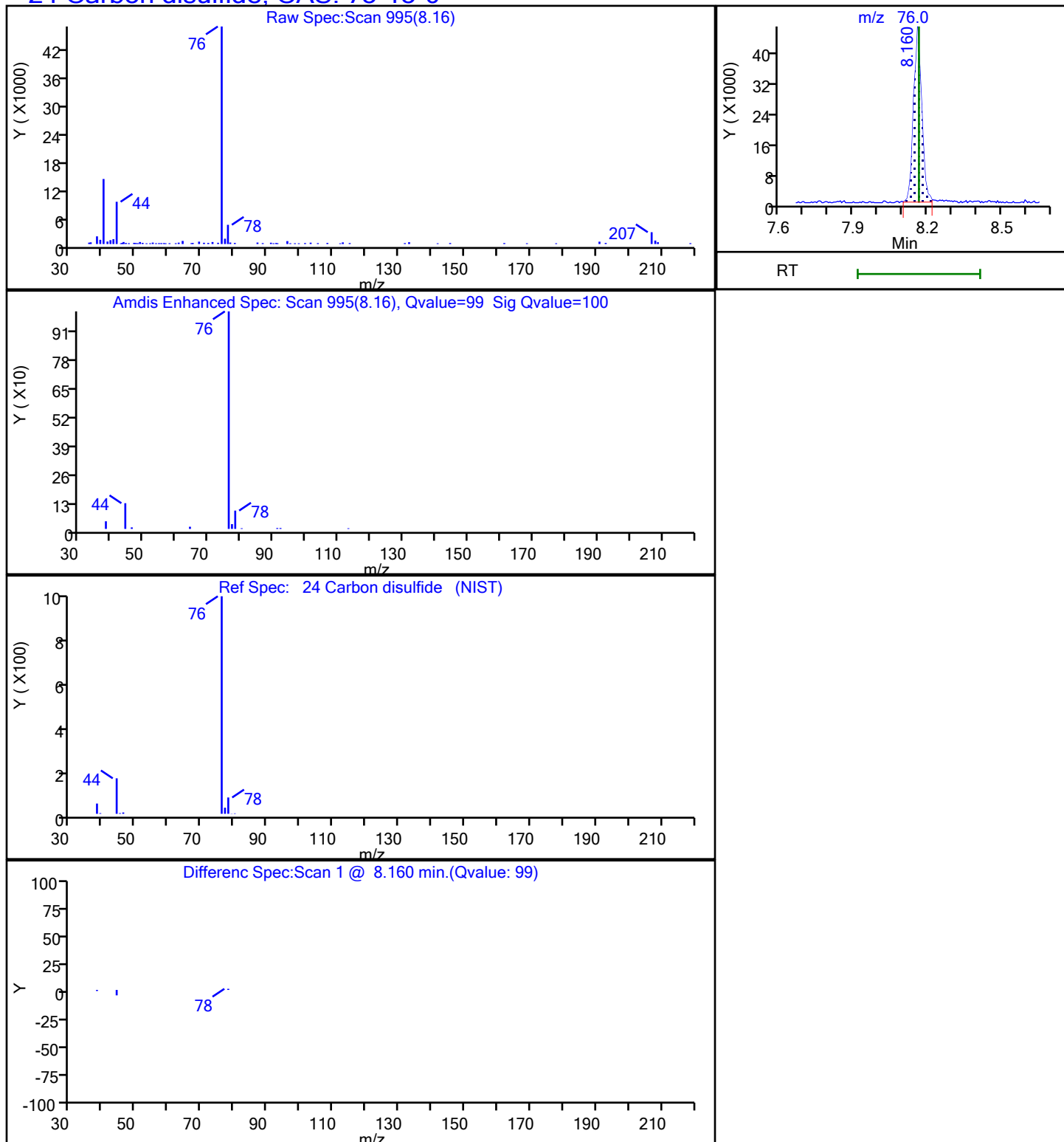
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Lims ID: 200-56451-A-5 Lab Sample ID: 200-56451-5  
Client ID: SG-205  
Operator ID: ggg ALS Bottle#: 22 Worklist Smp#: 23  
Purge Vol: 200.000 mL Dil. Factor: 15.4000  
Method: TO15\_TO3\_MasterMethod\_W Limit Group: AI\_TO15\_ICAL  
Column: RTX-624 ( 0.32 mm) Detector MS SCAN

**8 Butadiene, CAS: 106-99-0**

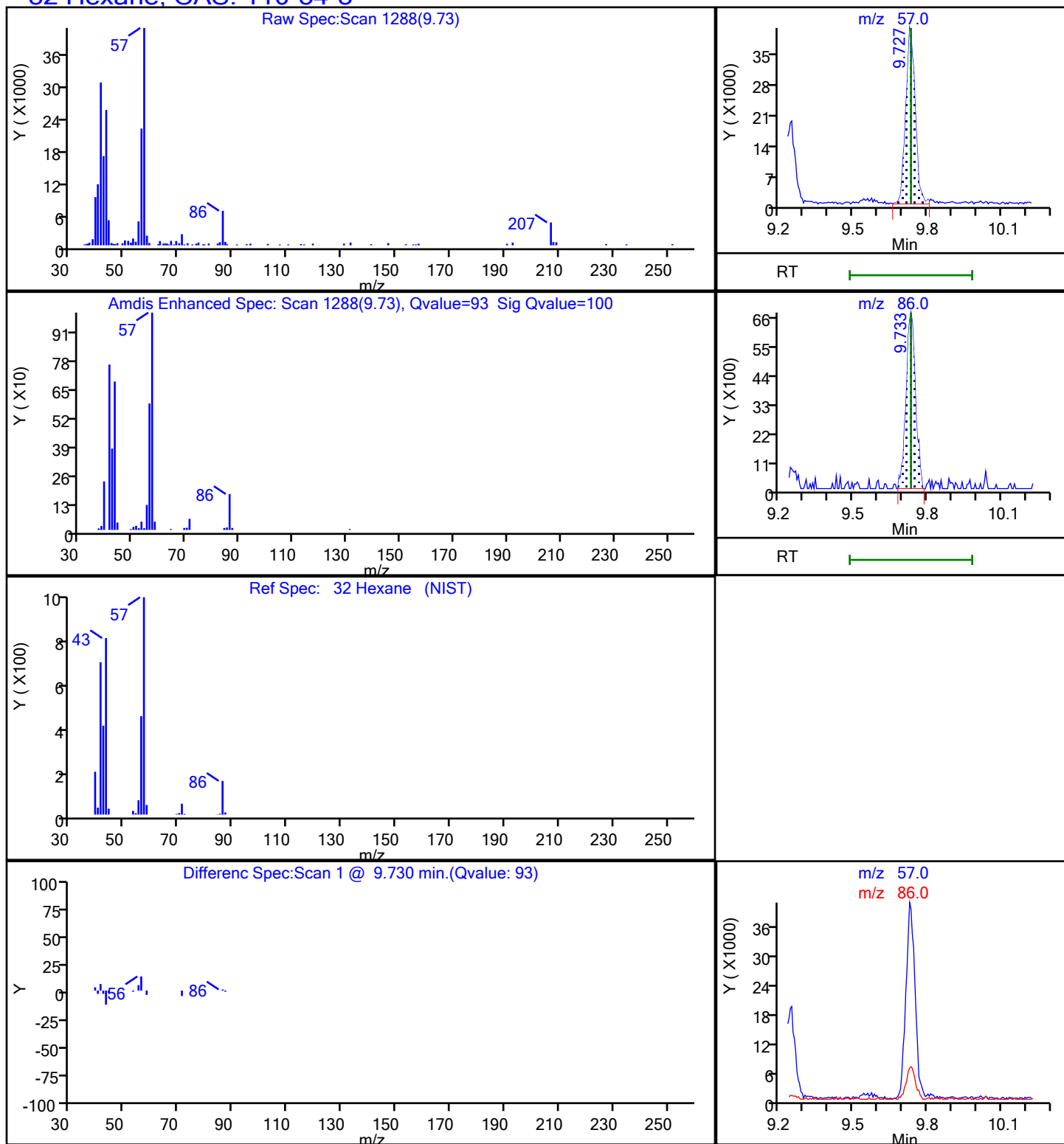
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Lims ID: 200-56451-A-5 Lab Sample ID: 200-56451-5  
Client ID: SG-205  
Operator ID: ggg ALS Bottle#: 22 Worklist Smp#: 23  
Purge Vol: 200.000 mL Dil. Factor: 15.4000  
Method: TO15\_TO3\_MasterMethod\_W Limit Group: AI\_TO15\_ICAL  
Column: RTX-624 ( 0.32 mm) Detector MS SCAN

**24 Carbon disulfide, CAS: 75-15-0**

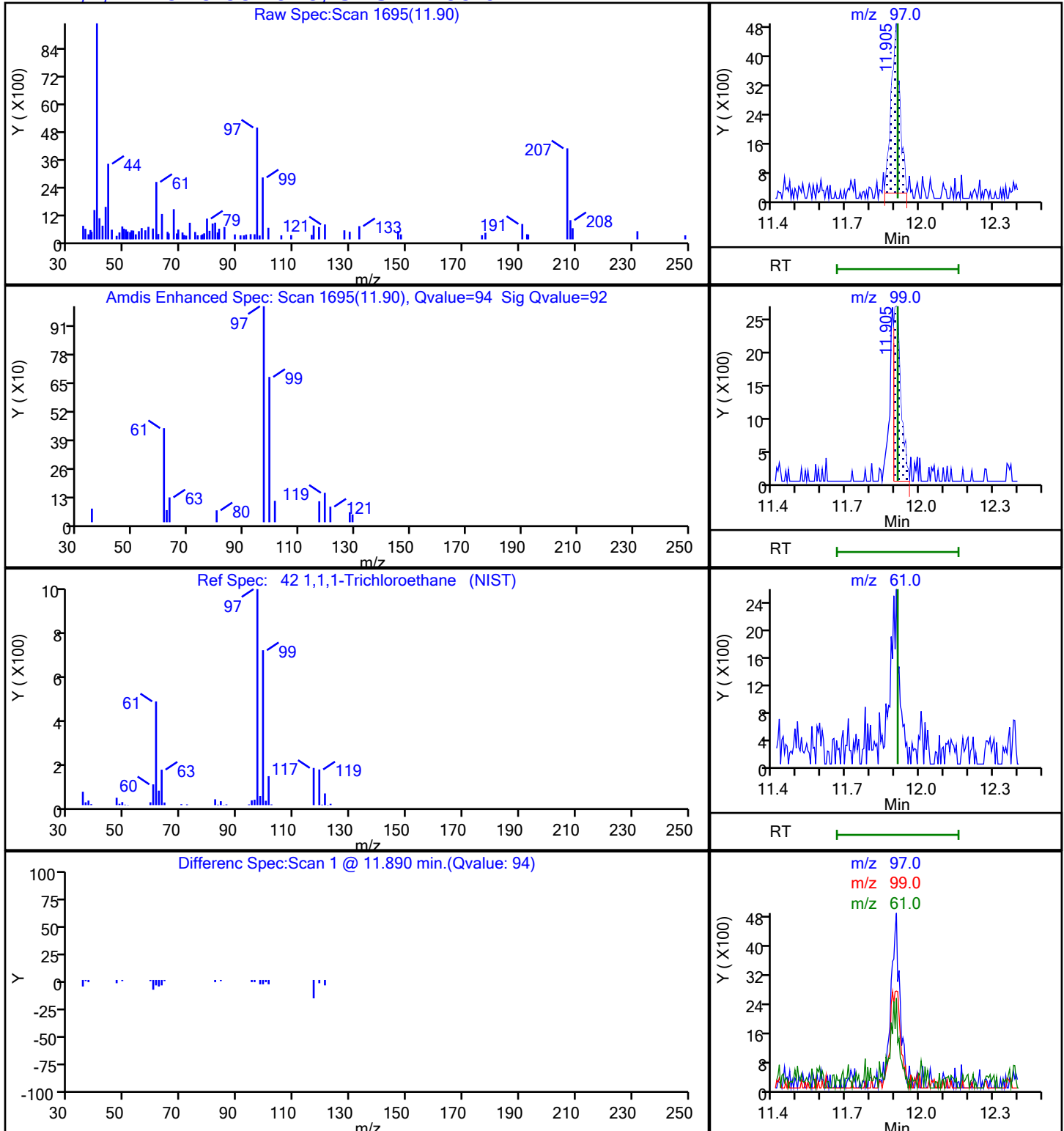
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Client ID: SG-205  
Operator ID: ggg ALS Bottle#: 22 Worklist Smp#: 23  
Purge Vol: 200.000 mL Dil. Factor: 15.4000  
Method: TO15\_TO3\_MasterMethod\_W Limit Group: AI\_TO15\_ICAL  
Column: RTX-624 ( 0.32 mm) Detector: MS SCAN

**32 Hexane, CAS: 110-54-3**

## Eurofins TestAmerica, Burlington

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Injection Date: 19-Dec-2020 04:33:30 Instrument ID: CHW.i  
Lims ID: 200-56451-A-5 Lab Sample ID: 200-56451-5  
Client ID: SG-205  
Operator ID: ggg ALS Bottle#: 22 Worklist Smp#: 23  
Purge Vol: 200.000 mL Dil. Factor: 15.4000  
Method: TO15\_TO3\_MasterMethod\_W Limit Group: AI\_TO15\_ICAL  
Column: RTX-624 ( 0.32 mm) Detector MS SCAN

**42 1,1,1-Trichloroethane, CAS: 71-55-6**

## Eurofins TestAmerica, Burlington

Data File: \\chromfs\Burlington\ChromData\CHW.i\20201218-44134.b\44134-023.d

Injection Date: 19-Dec-2020 04:33:30

Instrument ID: CHW.i

Lims ID: 200-56451-A-5

Lab Sample ID: 200-56451-5

Client ID: SG-205

Operator ID: ggg

ALS Bottle#: 22

Worklist Smp#: 23

Purge Vol: 200.000 mL

Dil. Factor: 15.4000

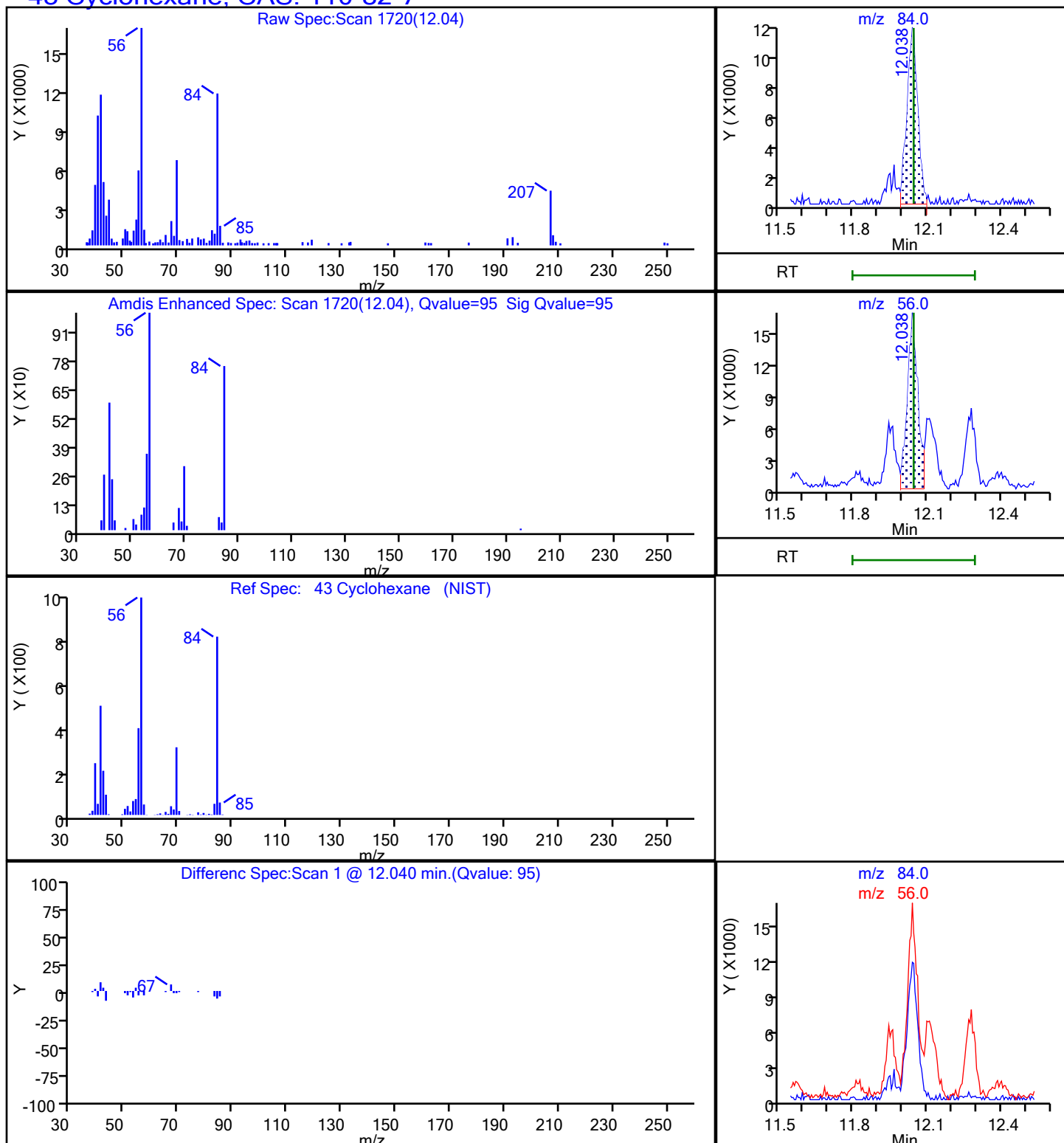
Method: TO15\_TO3\_MasterMethod\_W

Limit Group: AI\_TO15\_ICAL

Column: RTX-624 ( 0.32 mm)

Detector: MS SCAN

## 43 Cyclohexane, CAS: 110-82-7



Eurofins TestAmerica, Burlington

Data File: \\chromfs\Burlington\ChromData\CHW.i\20201218-44134.b\44134-023.d

Injection Date: 19-Dec-2020 04:33:30

Instrument ID: CHW.i

Lims ID: 200-56451-A-5

Lab Sample ID: 200-56451-5

Client ID: SG-205

Operator ID: ggg

ALS Bottle#: 22

Worklist Smp#: 23

Purge Vol: 200.000 mL

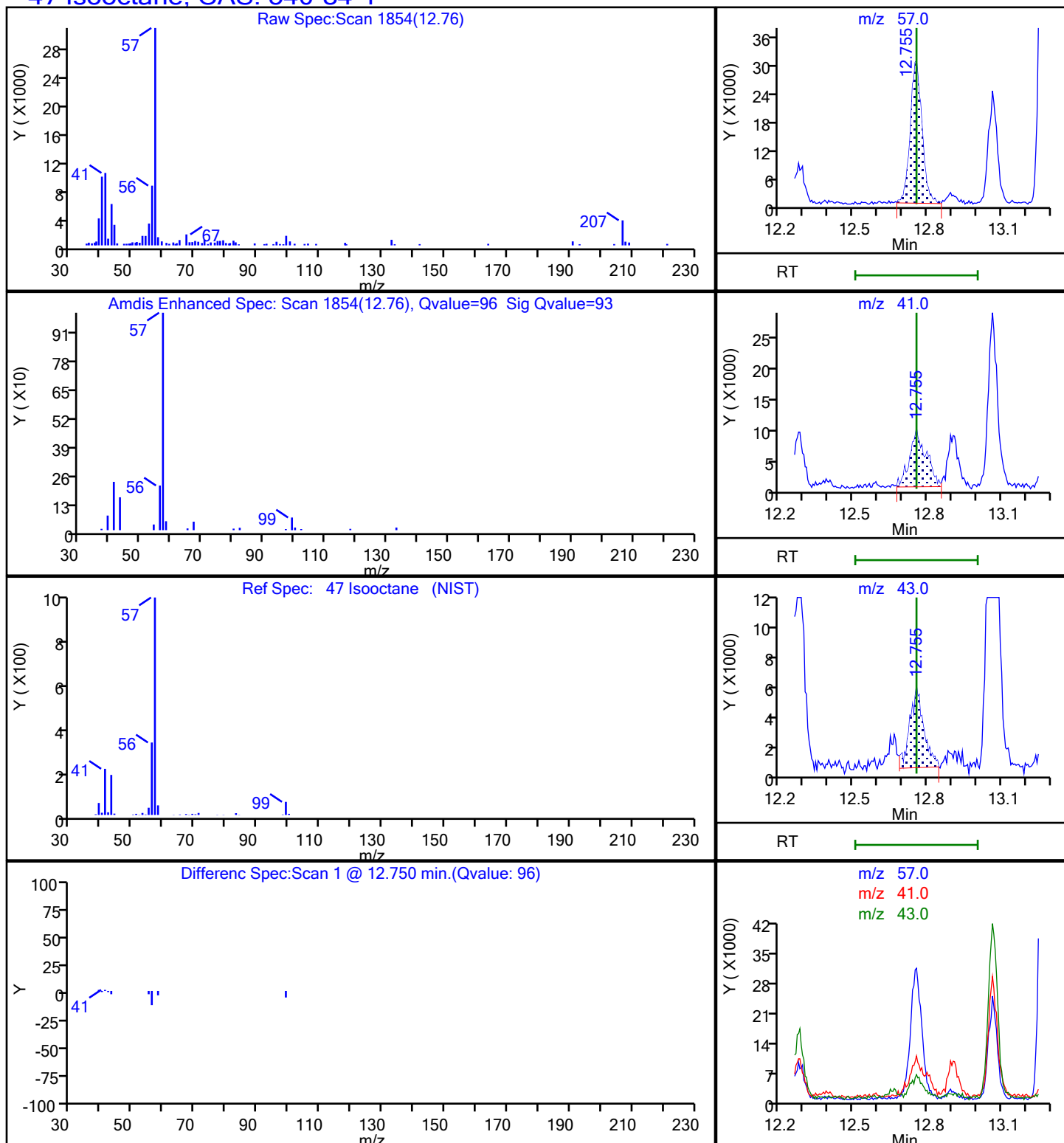
Dil. Factor: 15.4000

Method: TO15\_TO3\_MasterMethod\_W

Limit Group: AI\_TO15\_ICAL

Column: RTX-624 ( 0.32 mm)

Detector: MS SCAN

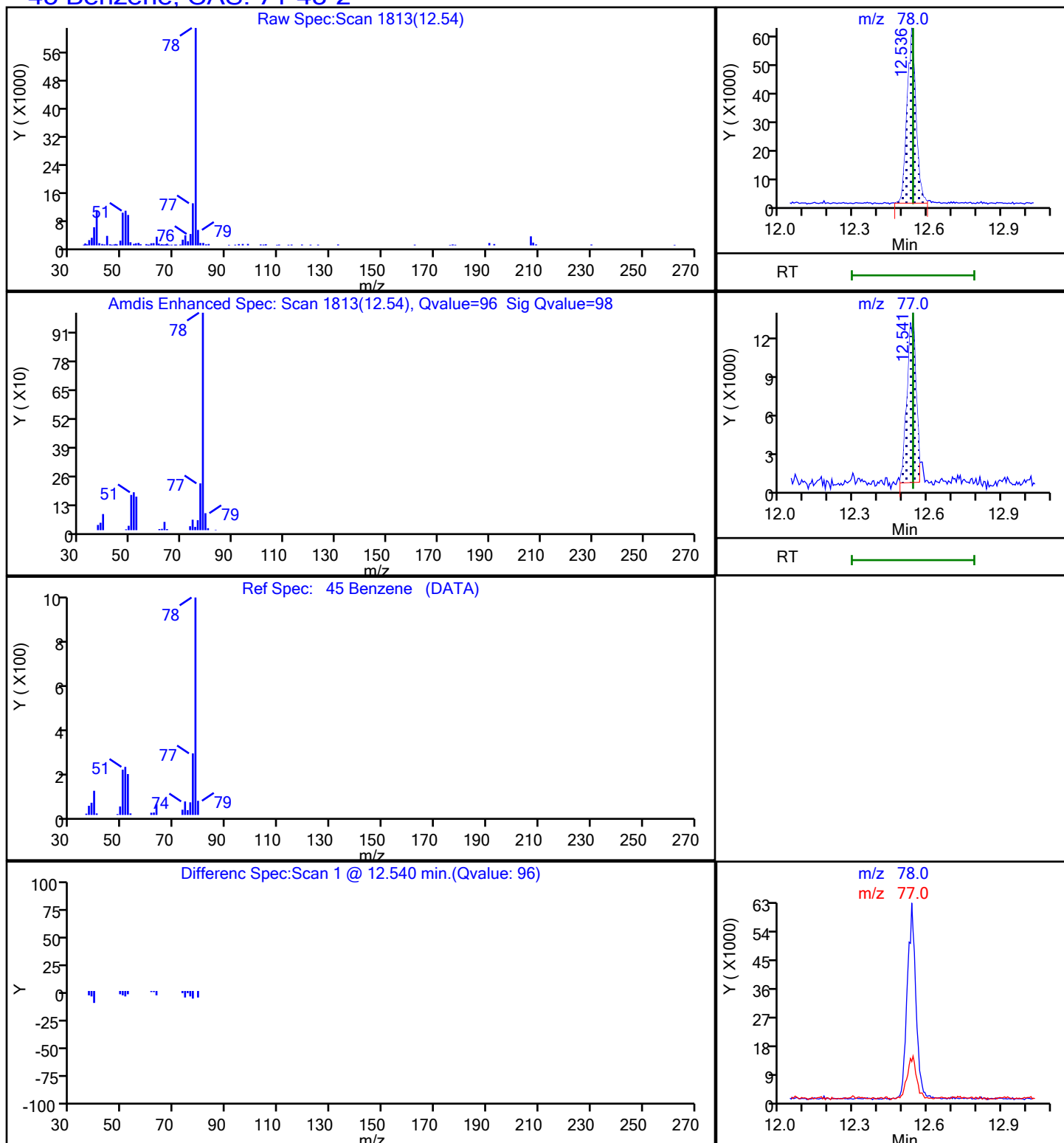
**47 Isooctane, CAS: 540-84-1**



## Eurofins TestAmerica, Burlington

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Injection Date: 19-Dec-2020 04:33:30 Instrument ID: CHW.i  
Lims ID: 200-56451-A-5 Lab Sample ID: 200-56451-5  
Client ID: SG-205  
Operator ID: ggg ALS Bottle#: 22 Worklist Smp#: 23  
Purge Vol: 200.000 mL Dil. Factor: 15.4000  
Method: TO15\_TO3\_MasterMethod\_W Limit Group: AI\_TO15\_ICAL  
Column: RTX-624 ( 0.32 mm) Detector MS SCAN

## 45 Benzene, CAS: 71-43-2



Eurofins TestAmerica, Burlington

Data File: \\chromfs\Burlington\ChromData\CHW.i\20201218-44134.b\44134-023.d

Injection Date: 19-Dec-2020 04:33:30

Instrument ID: CHW.i

Lims ID: 200-56451-A-5

Lab Sample ID: 200-56451-5

Client ID: SG-205

Operator ID: ggg

ALS Bottle#: 22

Worklist Smp#: 23

Purge Vol: 200.000 mL

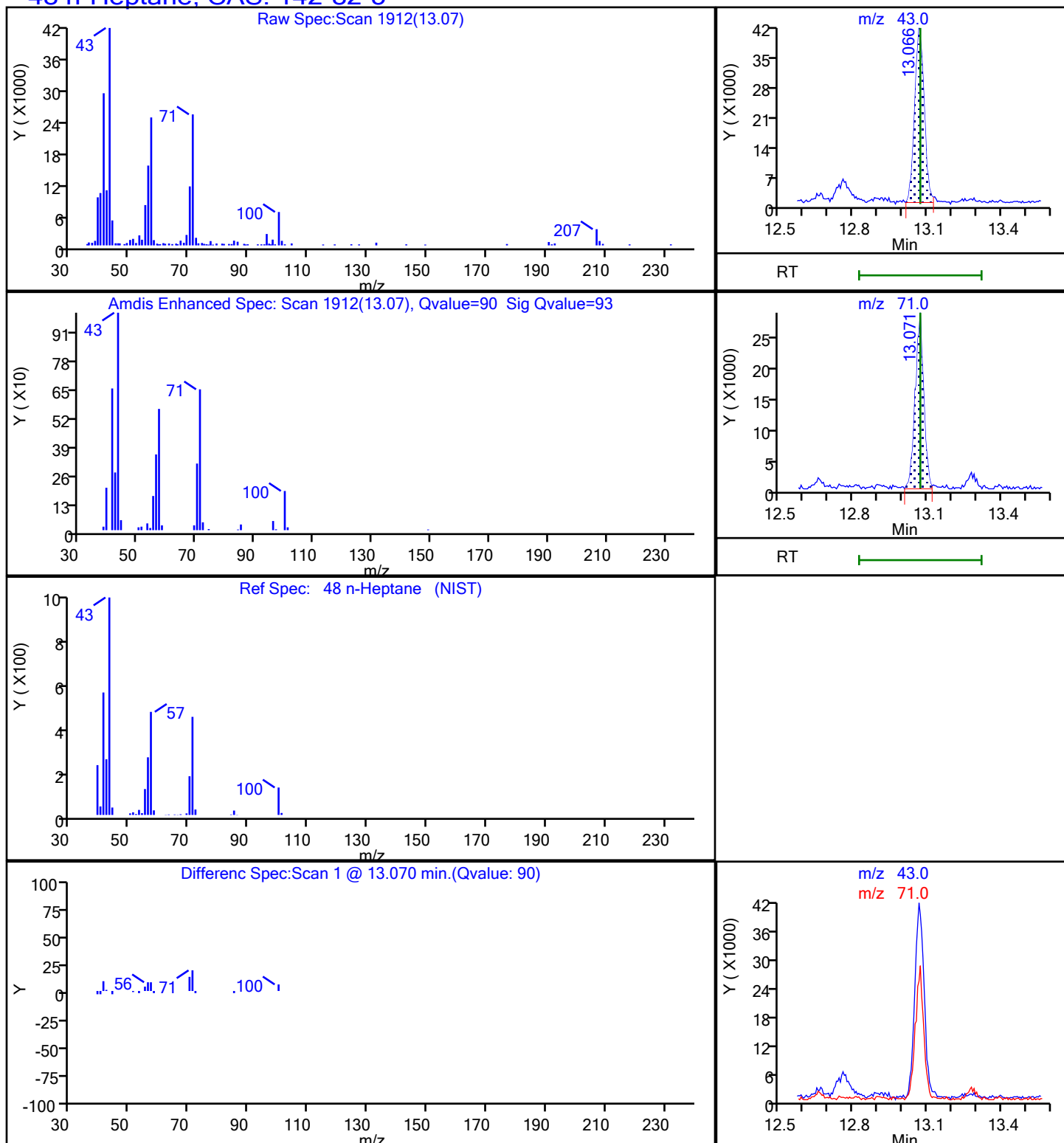
Dil. Factor: 15.4000

Method: TO15\_TO3\_MasterMethod\_W

Limit Group: AI\_TO15\_ICAL

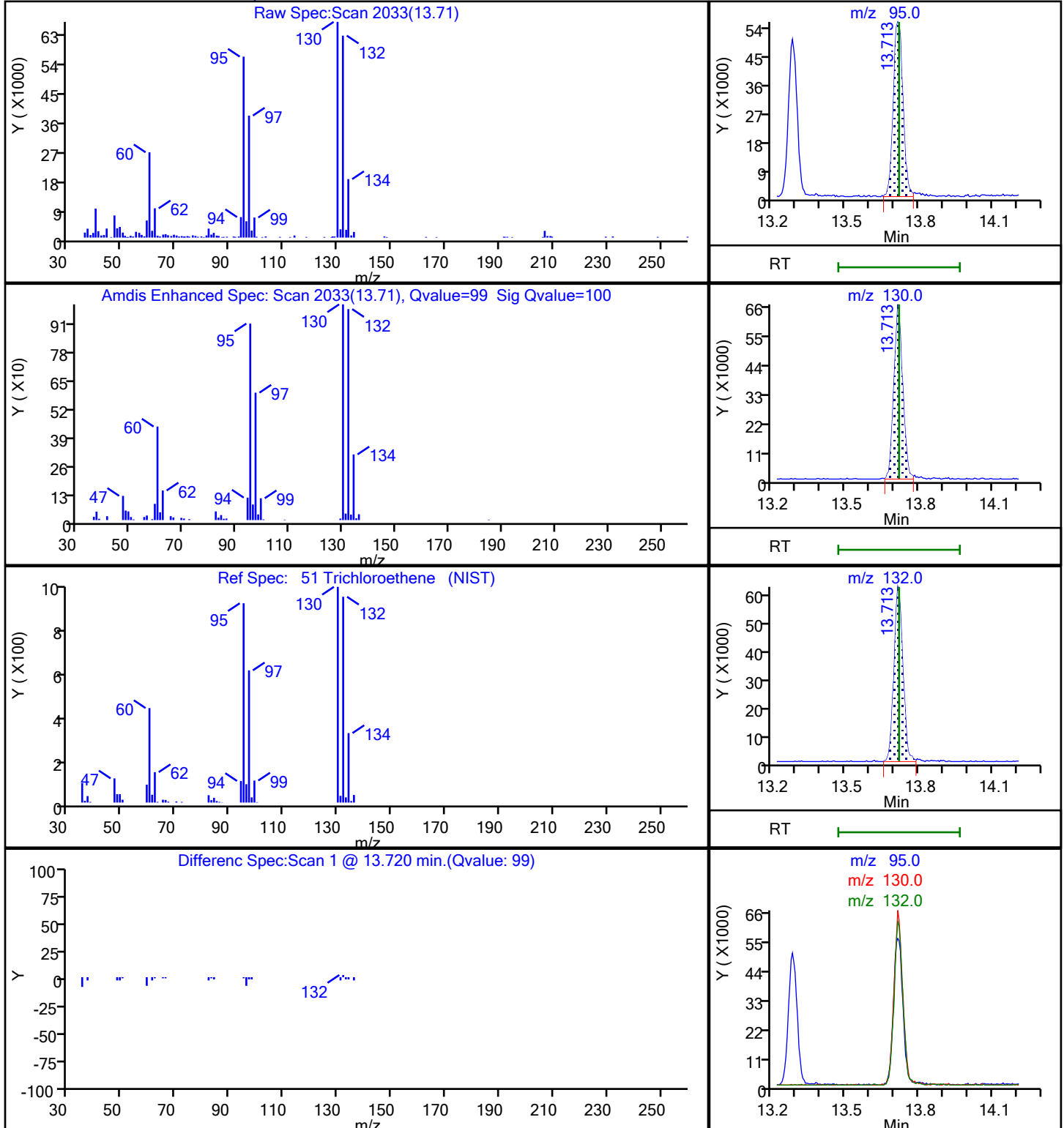
Column: RTX-624 ( 0.32 mm)

Detector: MS SCAN

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

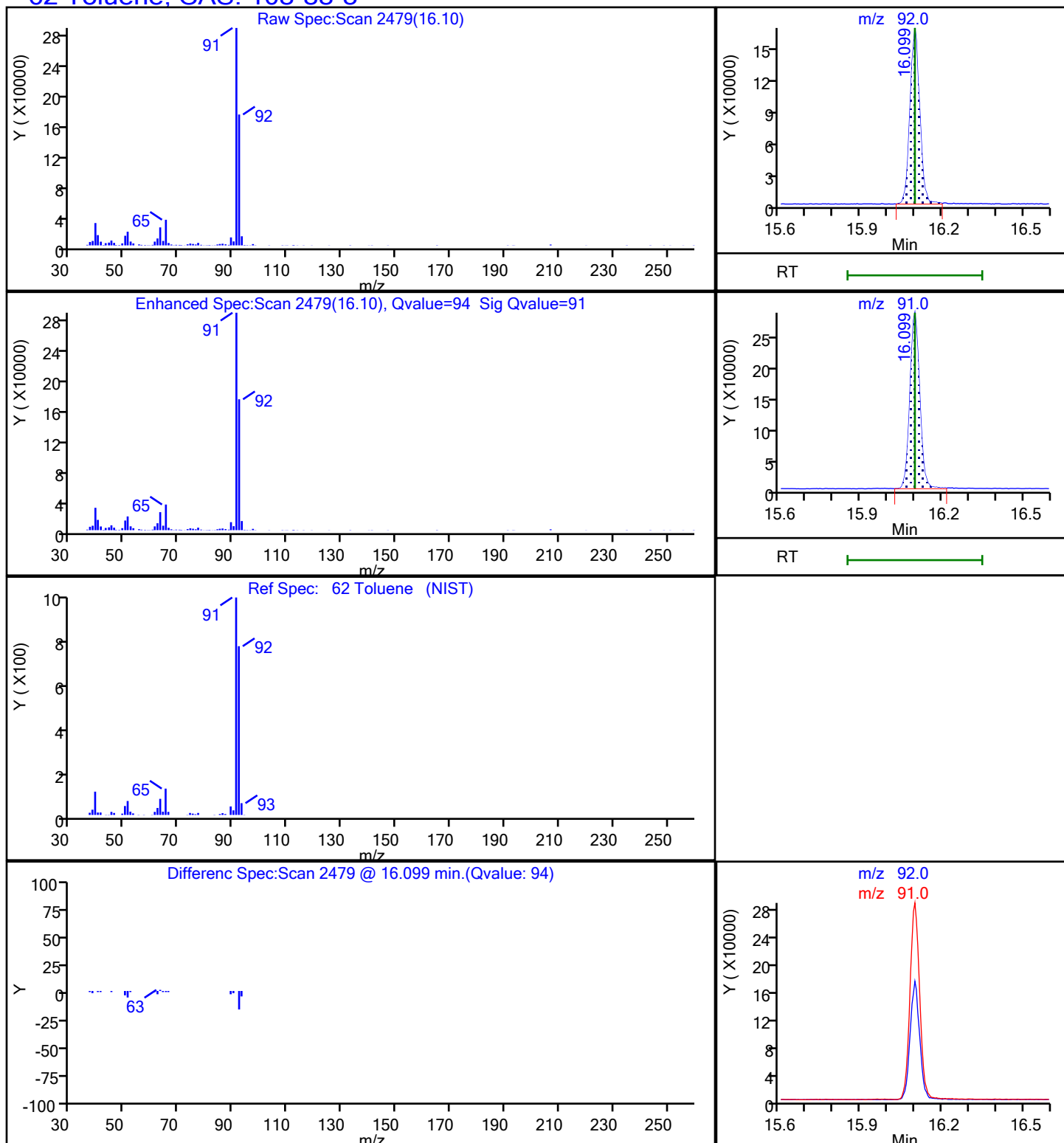
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Injection Date: 19-Dec-2020 04:33:30 Instrument ID: CHW.i  
Lims ID: 200-56451-A-5 Lab Sample ID: 200-56451-5  
Client ID: SG-205  
Operator ID: ggg ALS Bottle#: 22 Worklist Smp#: 23  
Purge Vol: 200.000 mL Dil. Factor: 15.4000  
Method: TO15\_TO3\_MasterMethod\_W Limit Group: AI\_TO15\_ICAL  
Column: RTX-624 ( 0.32 mm) Detector MS SCAN

**51 Trichloroethene, CAS: 79-01-6**

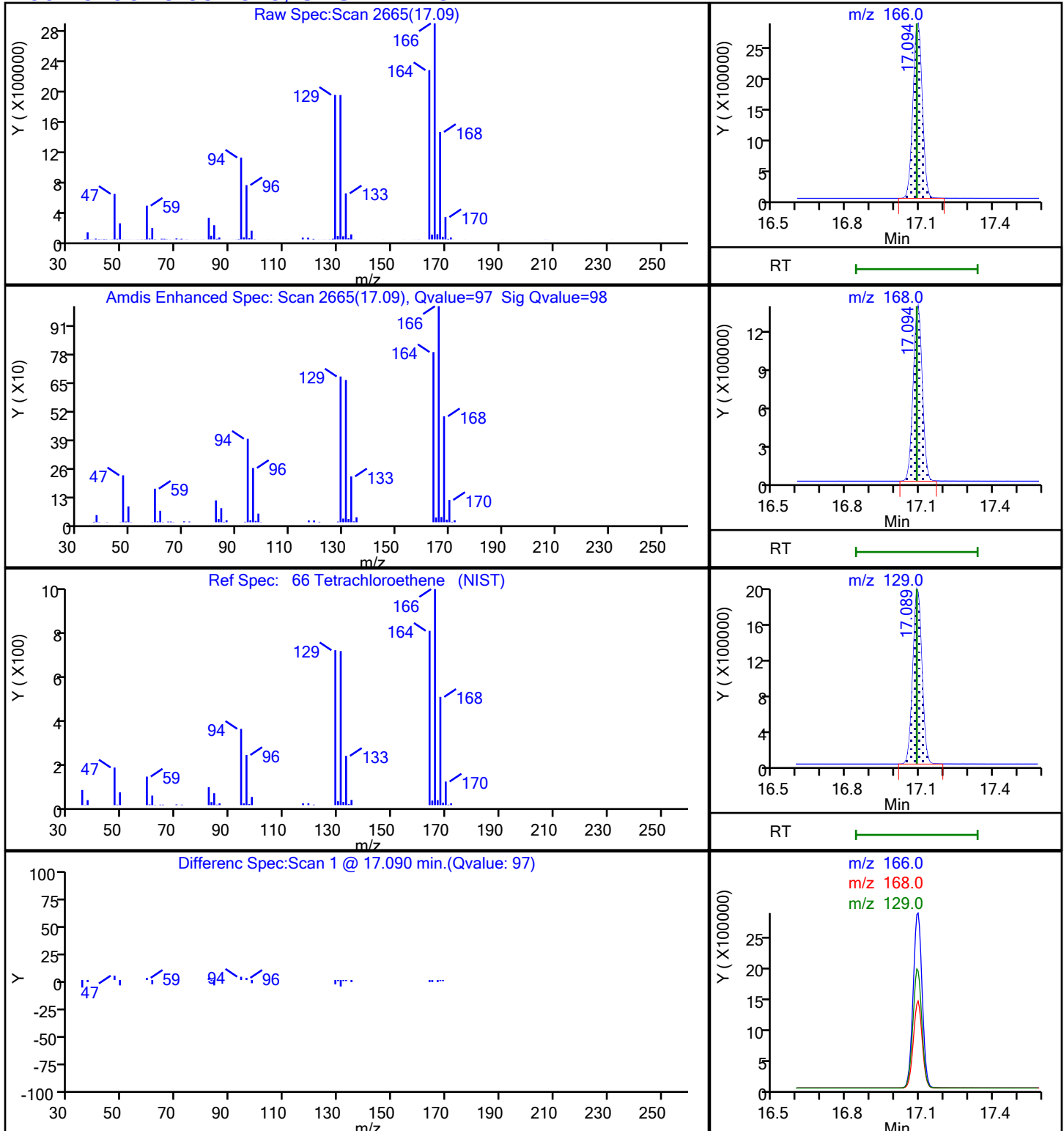
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Lims ID: 200-56451-A-5 Lab Sample ID: 200-56451-5  
Client ID: SG-205  
Operator ID: ggg ALS Bottle#: 22 Worklist Smp#: 23  
Purge Vol: 200.000 mL Dil. Factor: 15.4000  
Method: TO15\_TO3\_MasterMethod\_W Limit Group: AI\_TO15\_ICAL  
Column: RTX-624 ( 0.32 mm) Detector MS SCAN

**62 Toluene, CAS: 108-88-3**

## Eurofins TestAmerica, Burlington

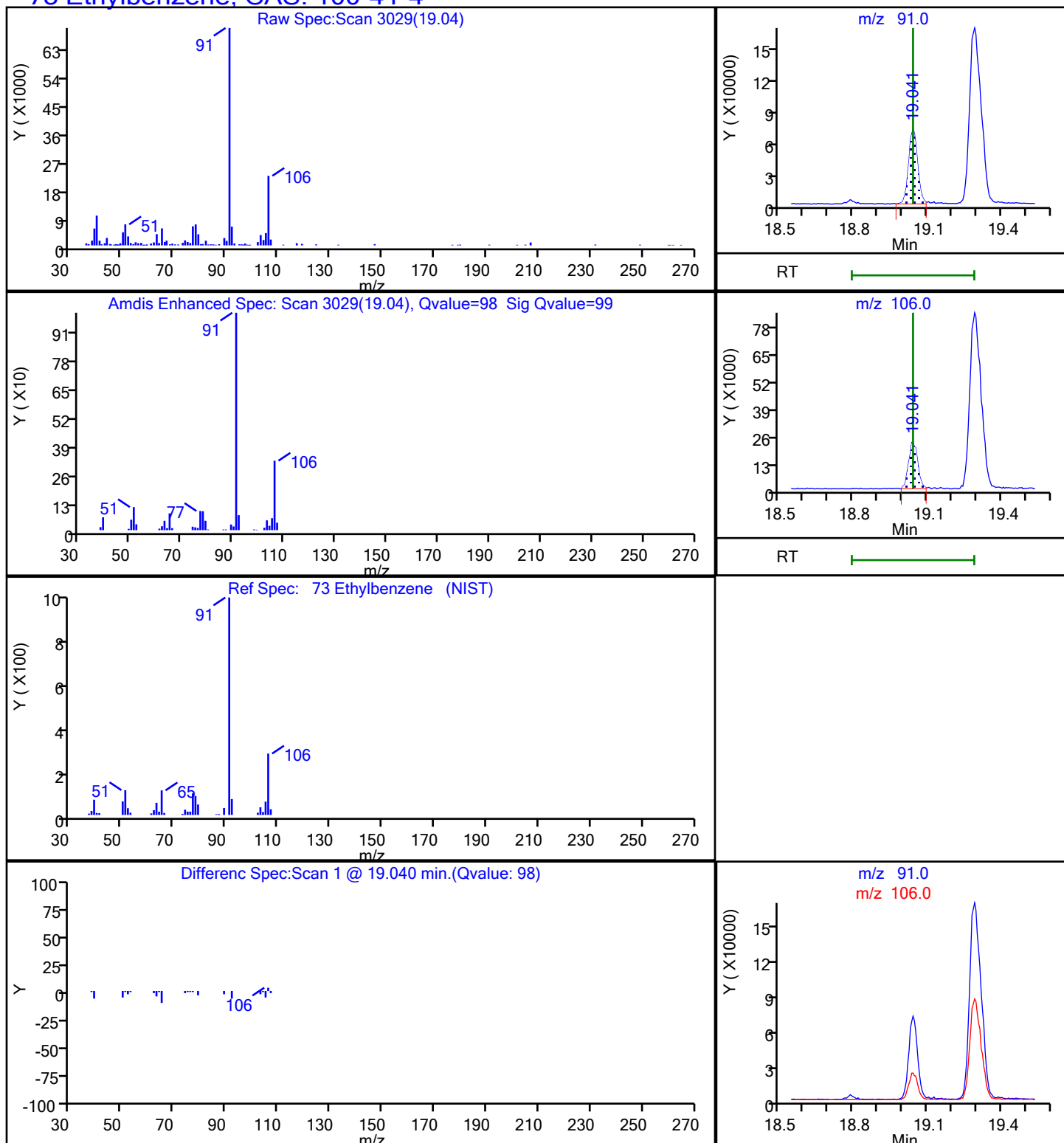
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Client ID: SG-205  
Operator ID: ggg ALS Bottle#: 22 Worklist Smp#: 23  
Purge Vol: 200.000 mL Dil. Factor: 15.4000  
Method: TO15\_TO3\_MasterMethod\_W Limit Group: AI\_TO15\_ICAL  
Column: RTX-624 ( 0.32 mm) Detector MS SCAN

**66 Tetrachloroethene, CAS: 127-18-4**

## Eurofins TestAmerica, Burlington

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Injection Date: 19-Dec-2020 04:33:30 Instrument ID: CHW.i  
Lims ID: 200-56451-A-5 Lab Sample ID: 200-56451-5  
Client ID: SG-205  
Operator ID: ggg ALS Bottle#: 22 Worklist Smp#: 23  
Purge Vol: 200.000 mL Dil. Factor: 15.4000  
Method: TO15\_TO3\_MasterMethod\_W Limit Group: AI\_TO15\_ICAL  
Column: RTX-624 ( 0.32 mm) Detector MS SCAN

## 73 Ethylbenzene, CAS: 100-41-4



Eurofins TestAmerica, Burlington

Data File: \\chromfs\Burlington\ChromData\CHW.i\20201218-44134.b\44134-023.d

Injection Date: 19-Dec-2020 04:33:30

Instrument ID: CHW.i

Lims ID: 200-56451-A-5

Lab Sample ID: 200-56451-5

Client ID: SG-205

Operator ID: ggg

ALS Bottle#: 22

Worklist Smp#: 23

Purge Vol: 200.000 mL

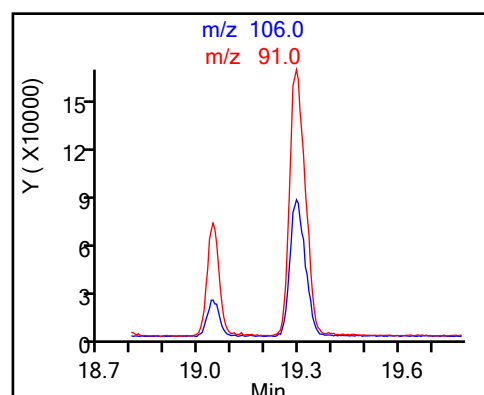
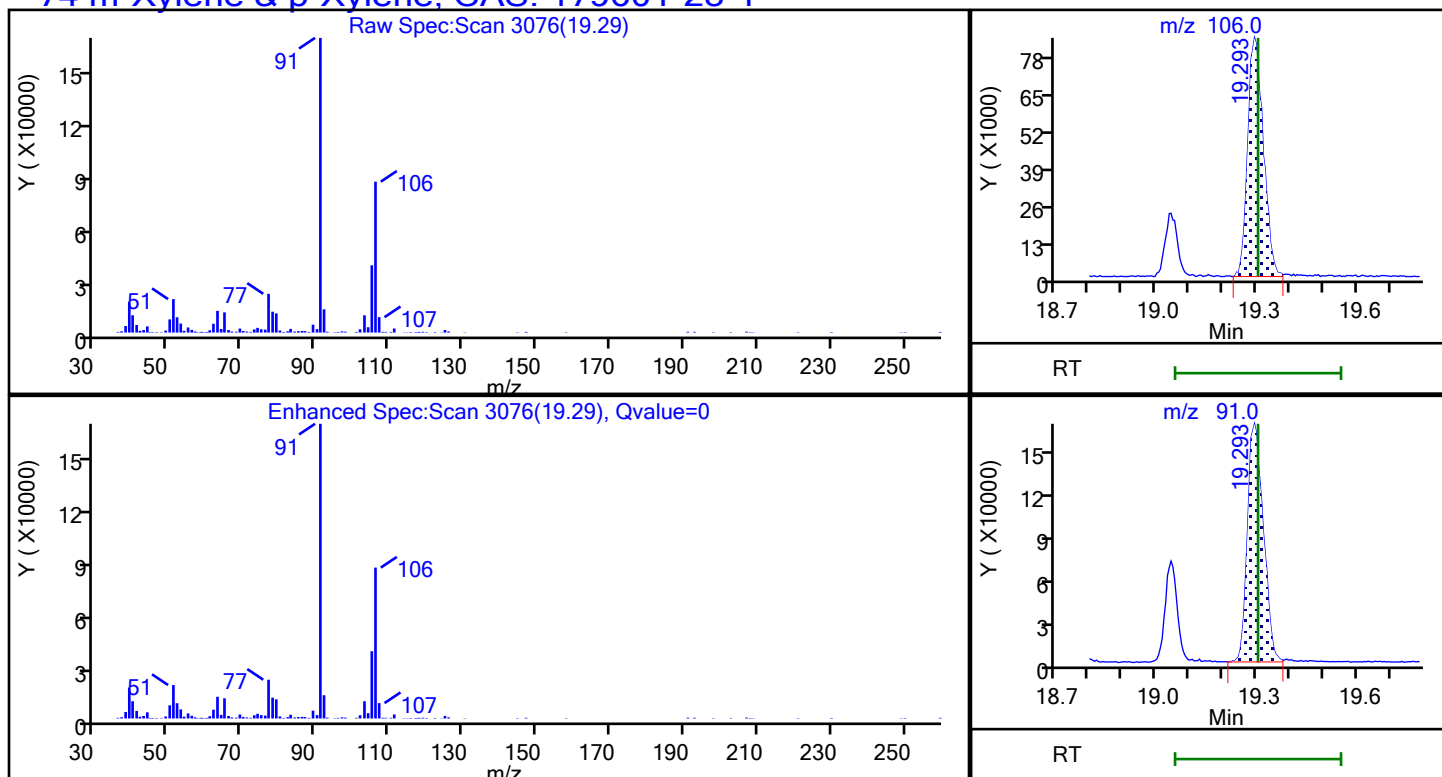
Dil. Factor: 15.4000

Method: TO15\_TO3\_MasterMethod\_W

Limit Group: AI\_TO15\_ICAL

Column: RTX-624 ( 0.32 mm)

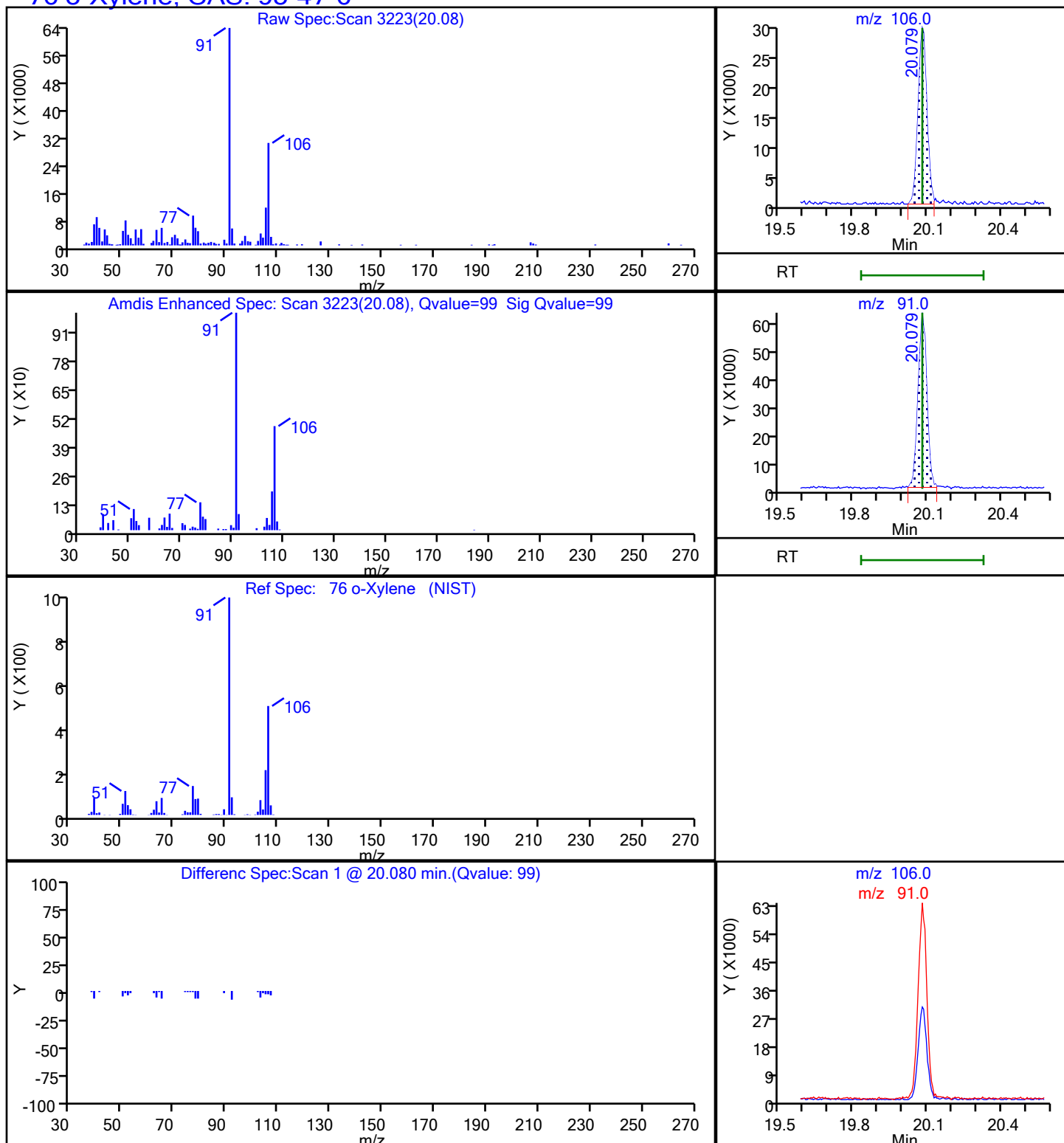
Detector: MS SCAN

**74 m-Xylene & p-Xylene, CAS: 179601-23-1**

## Eurofins TestAmerica, Burlington

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Injection Date: 19-Dec-2020 04:33:30 Instrument ID: CHW.i  
Lims ID: 200-56451-A-5 Lab Sample ID: 200-56451-5  
Client ID: SG-205  
Operator ID: ggg ALS Bottle#: 22 Worklist Smp#: 23  
Purge Vol: 200.000 mL Dil. Factor: 15.4000  
Method: TO15\_TO3\_MasterMethod\_W Limit Group: AI\_TO15\_ICAL  
Column: RTX-624 ( 0.32 mm) Detector MS SCAN

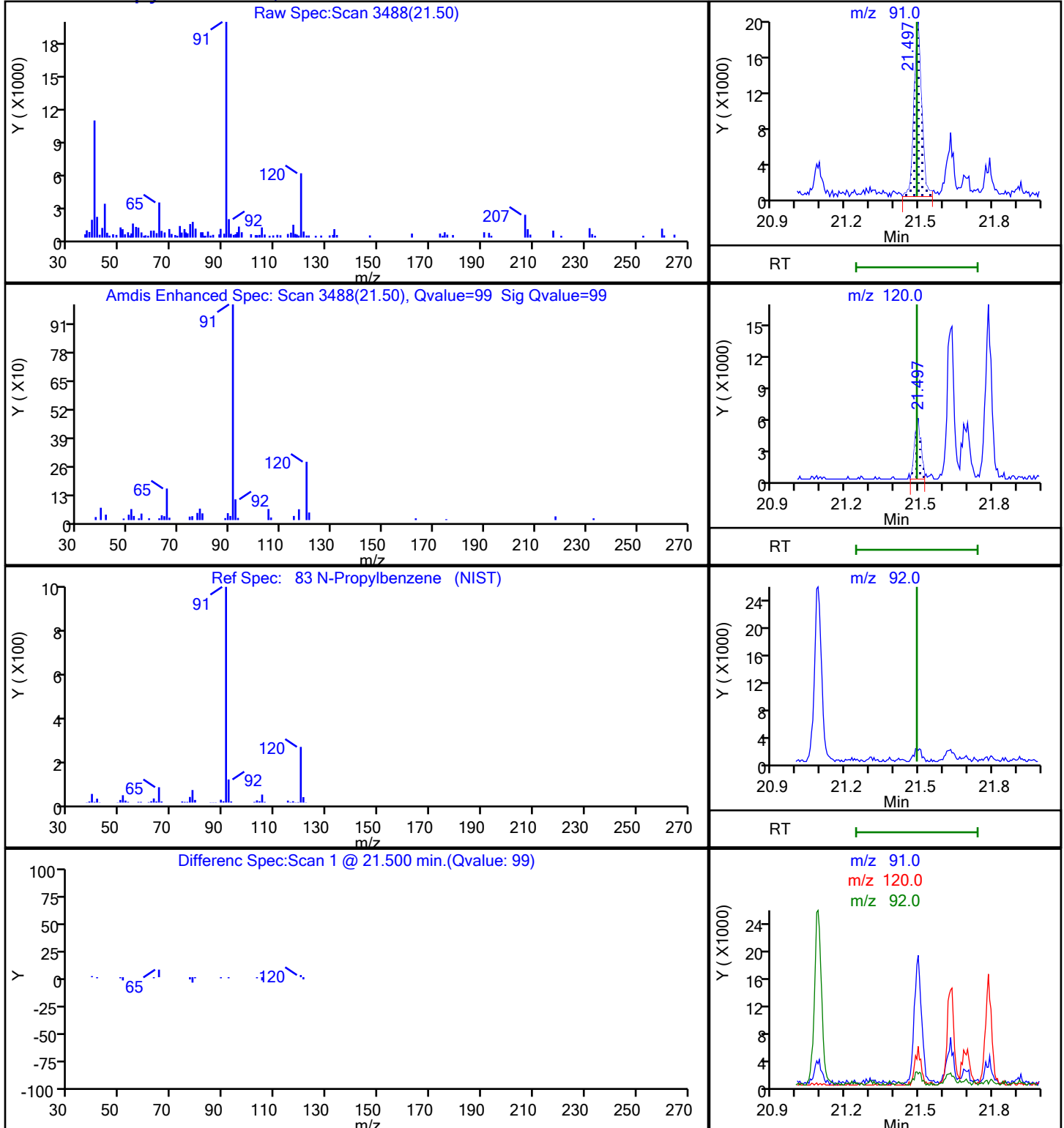
## 76 o-Xylene, CAS: 95-47-6





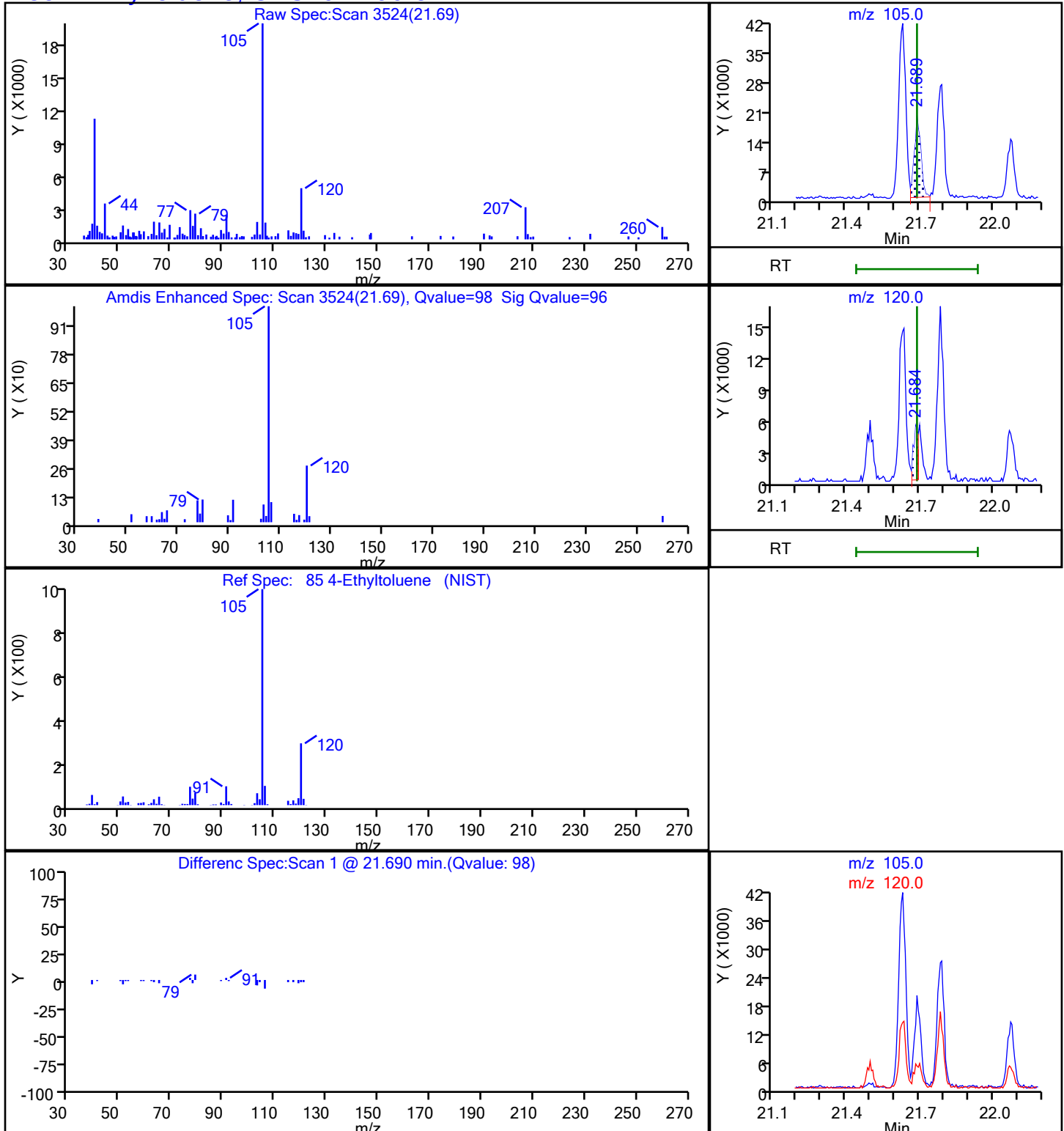
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Injection Date: 19-Dec-2020 04:33:30 Instrument ID: CHW.i  
Lims ID: 200-56451-A-5 Lab Sample ID: 200-56451-5  
Client ID: SG-205  
Operator ID: ggg ALS Bottle#: 22 Worklist Smp#: 23  
Purge Vol: 200.000 mL Dil. Factor: 15.4000  
Method: TO15\_TO3\_MasterMethod\_W Limit Group: AI\_TO15\_ICAL  
Column: RTX-624 ( 0.32 mm) Detector MS SCAN

**83 N-Propylbenzene, CAS: 103-65-1**

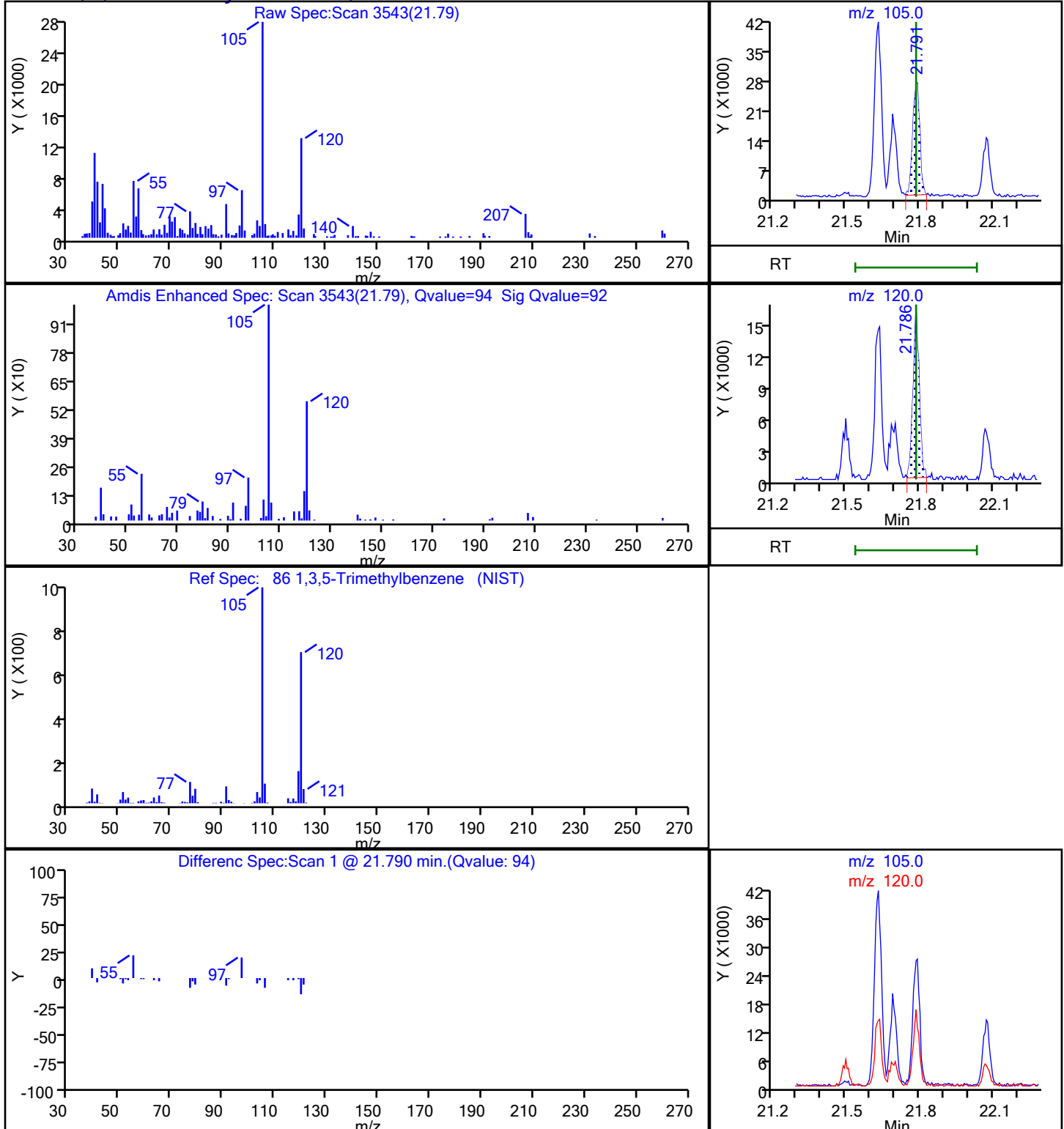
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Lims ID: 200-56451-A-5 Lab Sample ID: 200-56451-5  
Client ID: SG-205  
Operator ID: ggg ALS Bottle#: 22 Worklist Smp#: 23  
Purge Vol: 200.000 mL Dil. Factor: 15.4000  
Method: TO15\_TO3\_MasterMethod\_W Limit Group: AI\_TO15\_ICAL  
Column: RTX-624 ( 0.32 mm) Detector MS SCAN

**85 4-Ethyltoluene, CAS: 622-96-8**

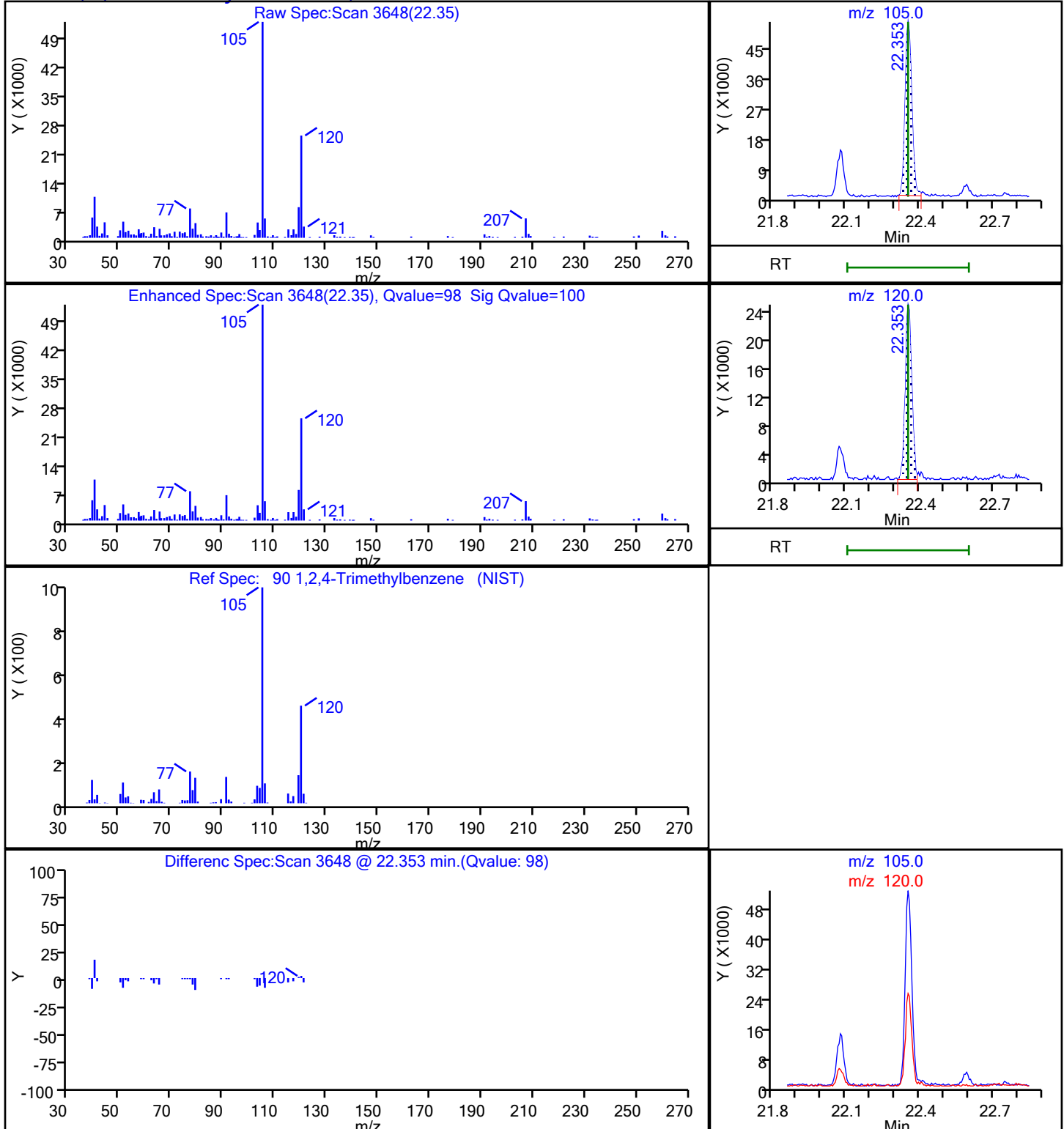
## Eurofins TestAmerica, Burlington

Data File: \\chromfs\Burlington\ChromData\CHW.i\20201218-44134.b\44134-023.d  
Injection Date: 19-Dec-2020 04:33:30 Instrument ID: CHW.i  
Lims ID: 200-56451-A-5 Lab Sample ID: 200-56451-5  
Client ID: SG-205  
Operator ID: ggg ALS Bottle#: 22 Worklist Smp#: 23  
Purge Vol: 200.000 mL Dil. Factor: 15.4000  
Method: TO15\_TO3\_MasterMethod\_W Limit Group: AI\_TO15\_ICAL  
Column: RTX-624 ( 0.32 mm) Detector MS SCAN

**86 1,3,5-Trimethylbenzene, CAS: 108-67-8**

## Eurofins TestAmerica, Burlington

Data File: \\chromfs\Burlington\ChromData\CHW.i\20201218-44134.b\44134-023.d  
Injection Date: 19-Dec-2020 04:33:30 Instrument ID: CHW.i  
Lims ID: 200-56451-A-5 Lab Sample ID: 200-56451-5  
Client ID: SG-205  
Operator ID: ggg ALS Bottle#: 22 Worklist Smp#: 23  
Purge Vol: 200.000 mL Dil. Factor: 15.4000  
Method: TO15\_TO3\_MasterMethod\_W Limit Group: AI\_TO15\_ICAL  
Column: RTX-624 ( 0.32 mm) Detector MS SCAN

**90 1,2,4-Trimethylbenzene, CAS: 95-63-6**

## Eurofins TestAmerica, Burlington

Data File: \\chromfs\Burlington\ChromData\CHW.i\20201218-44134.b\44134-023.d

Injection Date: 19-Dec-2020 04:33:30

Instrument ID: CHW.i

Lims ID: 200-56451-A-5

Lab Sample ID: 200-56451-5

Client ID: SG-205

Operator ID: ggg

ALS Bottle#: 22 Worklist Smp#: 23

Purge Vol: 200.000 mL

Dil. Factor: 15.4000

Method: TO15\_TO3\_MasterMethod\_W

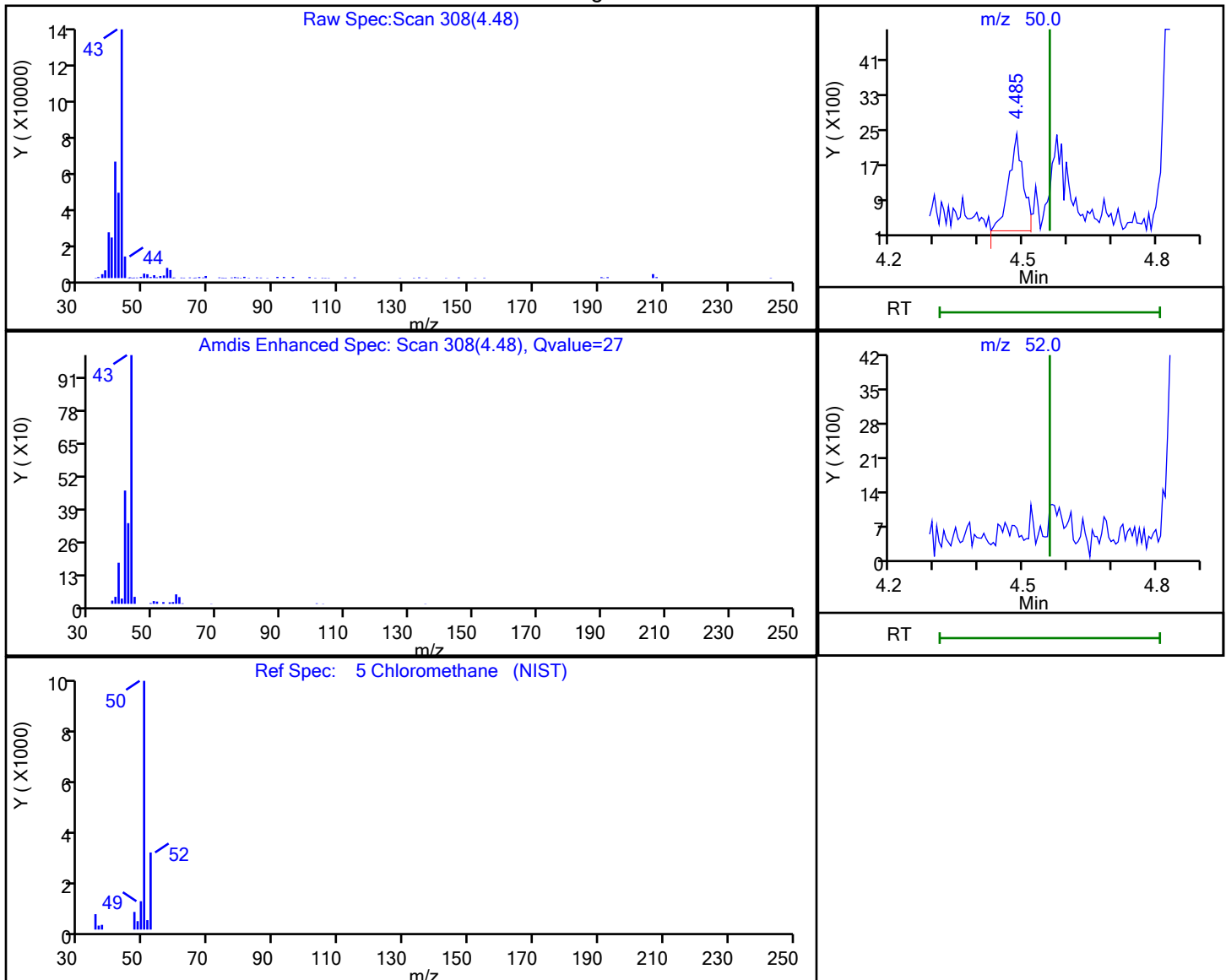
Limit Group: AI\_TO15\_ICAL

Column: RTX-624 ( 0.32 mm)

Detector: MS SCAN

## 5 Chloromethane, CAS: 74-87-3

## Processing Results



| RT   | Mass  | Response | Amount   |
|------|-------|----------|----------|
| 4.48 | 50.00 | 5049     | 0.033908 |
| 4.56 | 52.00 | 0        |          |

Reviewer: bunmaa, 21-Dec-2020 13:21:13

Audit Action: Marked Compound Undetected

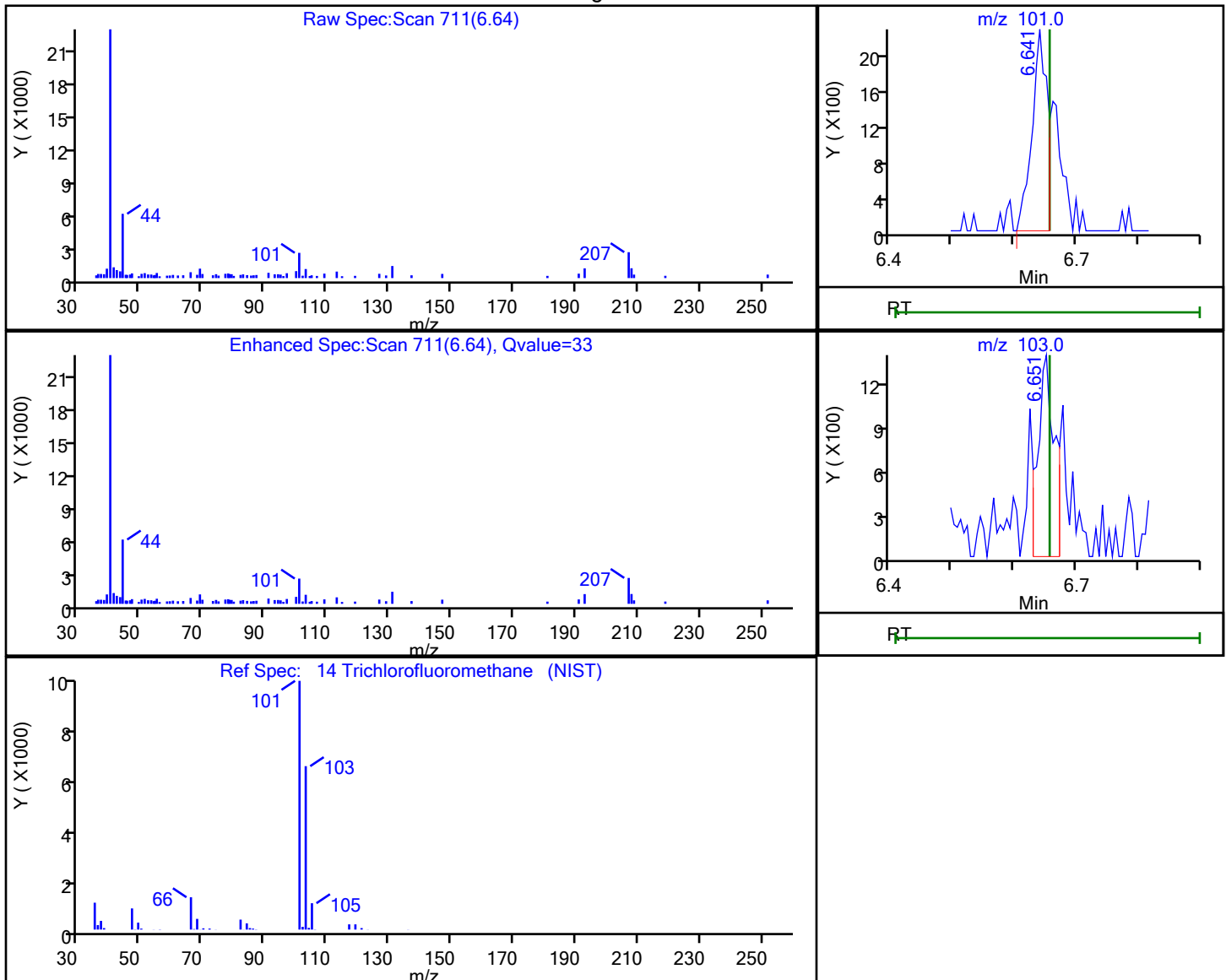
Audit Reason: Invalid Compound ID

## Eurofins TestAmerica, Burlington

Data File: \\chromfs\Burlington\ChromData\CHW.i\20201218-44134.b\44134-023.d  
Injection Date: 19-Dec-2020 04:33:30 Instrument ID: CHW.i  
Lims ID: 200-56451-A-5 Lab Sample ID: 200-56451-5  
Client ID: SG-205  
Operator ID: ggg ALS Bottle#: 22 Worklist Smp#: 23  
Purge Vol: 200.000 mL Dil. Factor: 15.4000  
Method: TO15\_TO3\_MasterMethod\_W Limit Group: AI\_TO15\_ICAL  
Column: RTX-624 ( 0.32 mm) Detector: MS SCAN

## 14 Trichlorofluoromethane, CAS: 75-69-4

## Processing Results



| RT   | Mass   | Response | Amount   |
|------|--------|----------|----------|
| 6.64 | 101.00 | 3852     | 0.011207 |
| 6.65 | 103.00 | 2590     |          |

Reviewer: bunmaa, 21-Dec-2020 13:21:39

Audit Action: Marked Compound Undetected

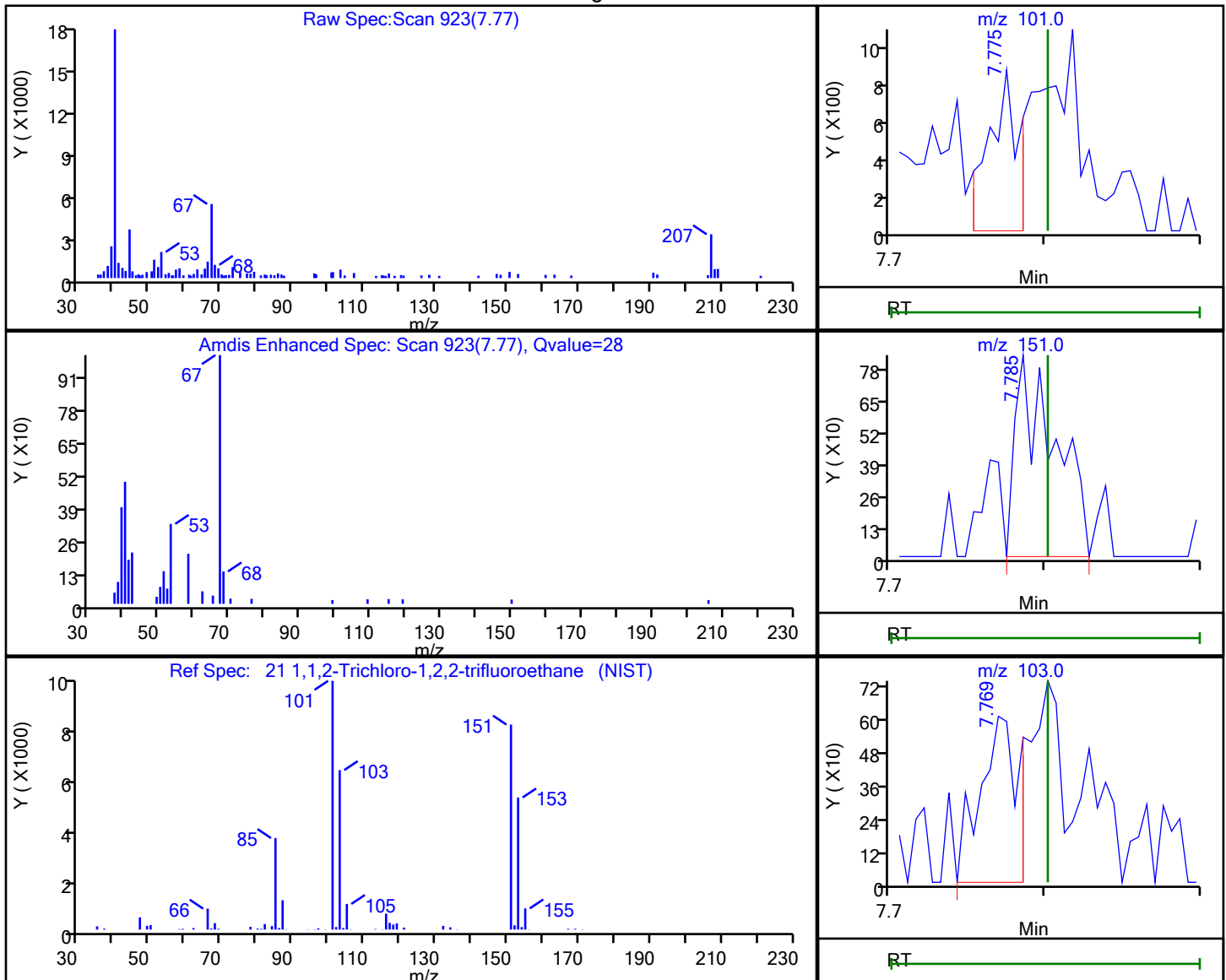
Audit Reason: Invalid Compound ID

## Eurofins TestAmerica, Burlington

Data File: \\chromfs\Burlington\ChromData\CHW.i\20201218-44134.b\44134-023.d  
Injection Date: 19-Dec-2020 04:33:30 Instrument ID: CHW.i  
Lims ID: 200-56451-A-5 Lab Sample ID: 200-56451-5  
Client ID: SG-205  
Operator ID: ggg ALS Bottle#: 22 Worklist Smp#: 23  
Purge Vol: 200.000 mL Dil. Factor: 15.4000  
Method: TO15\_TO3\_MasterMethod\_W Limit Group: AI\_TO15\_ICAL  
Column: RTX-624 ( 0.32 mm) Detector: MS SCAN

## 21 1,1,2-Trichloro-1,2,2-trifluoroethane, CAS: 76-13-1

## Processing Results



| RT   | Mass   | Response | Amount   |
|------|--------|----------|----------|
| 7.77 | 101.00 | 1081     | 0.004097 |
| 7.79 | 151.00 | 1494     |          |
| 7.77 | 103.00 | 1054     |          |

Reviewer: bunmaa, 21-Dec-2020 13:21:54

Audit Action: Marked Compound Undetected

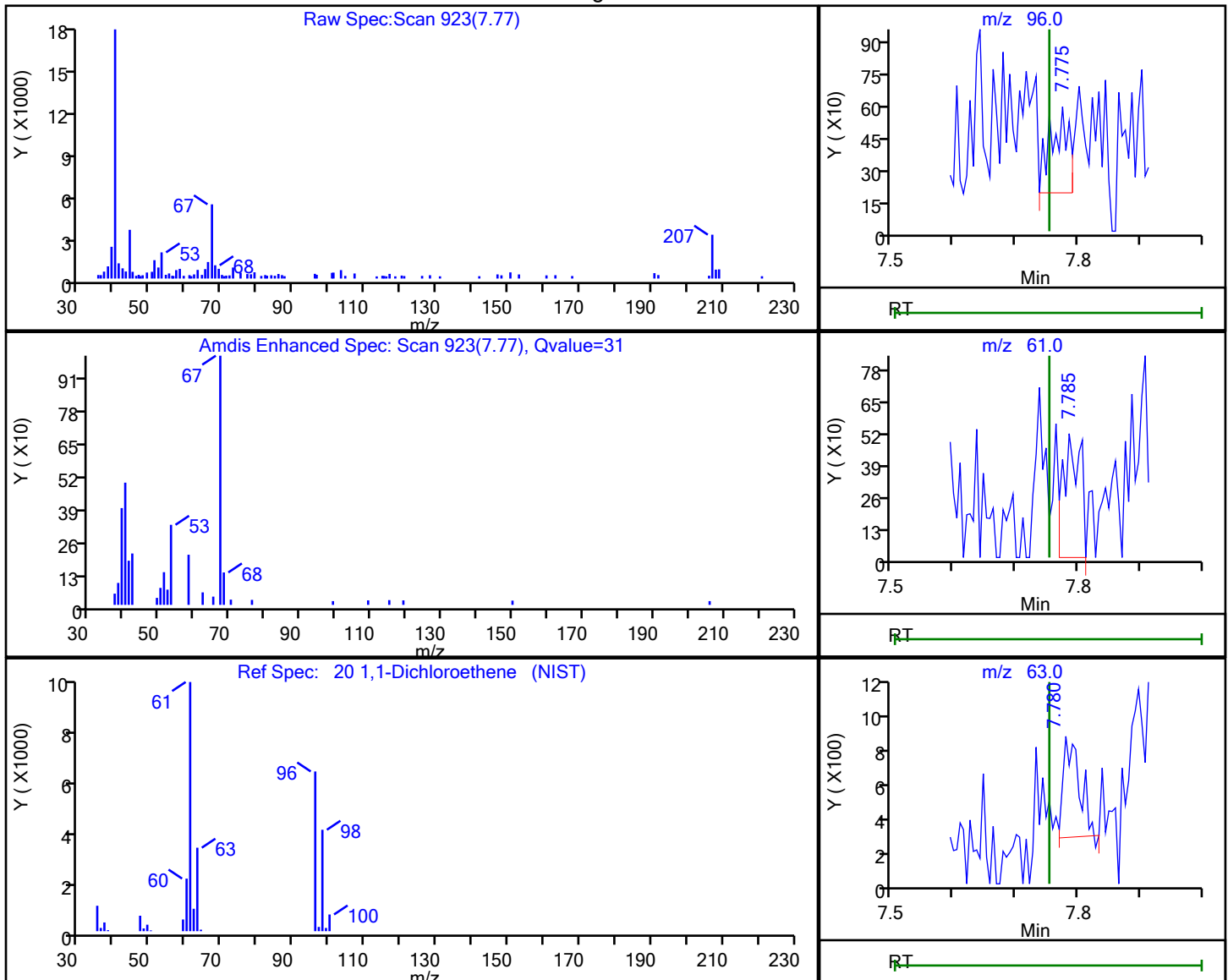
Audit Reason: Invalid Compound ID

## Eurofins TestAmerica, Burlington

Data File: \\chromfs\Burlington\ChromData\CHW.i\20201218-44134.b\44134-023.d  
Injection Date: 19-Dec-2020 04:33:30 Instrument ID: CHW.i  
Lims ID: 200-56451-A-5 Lab Sample ID: 200-56451-5  
Client ID: SG-205  
Operator ID: ggg ALS Bottle#: 22 Worklist Smp#: 23  
Purge Vol: 200.000 mL Dil. Factor: 15.4000  
Method: TO15\_TO3\_MasterMethod\_W Limit Group: AI\_TO15\_ICAL  
Column: RTX-624 ( 0.32 mm) Detector: MS SCAN

## 20 1,1-Dichloroethene, CAS: 75-35-4

## Processing Results



| RT   | Mass  | Response | Amount   |
|------|-------|----------|----------|
| 7.77 | 96.00 | 802      | 0.006028 |
| 7.79 | 61.00 | 969      |          |
| 7.78 | 63.00 | 1060     |          |

Reviewer: bunmaa, 21-Dec-2020 13:21:42

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

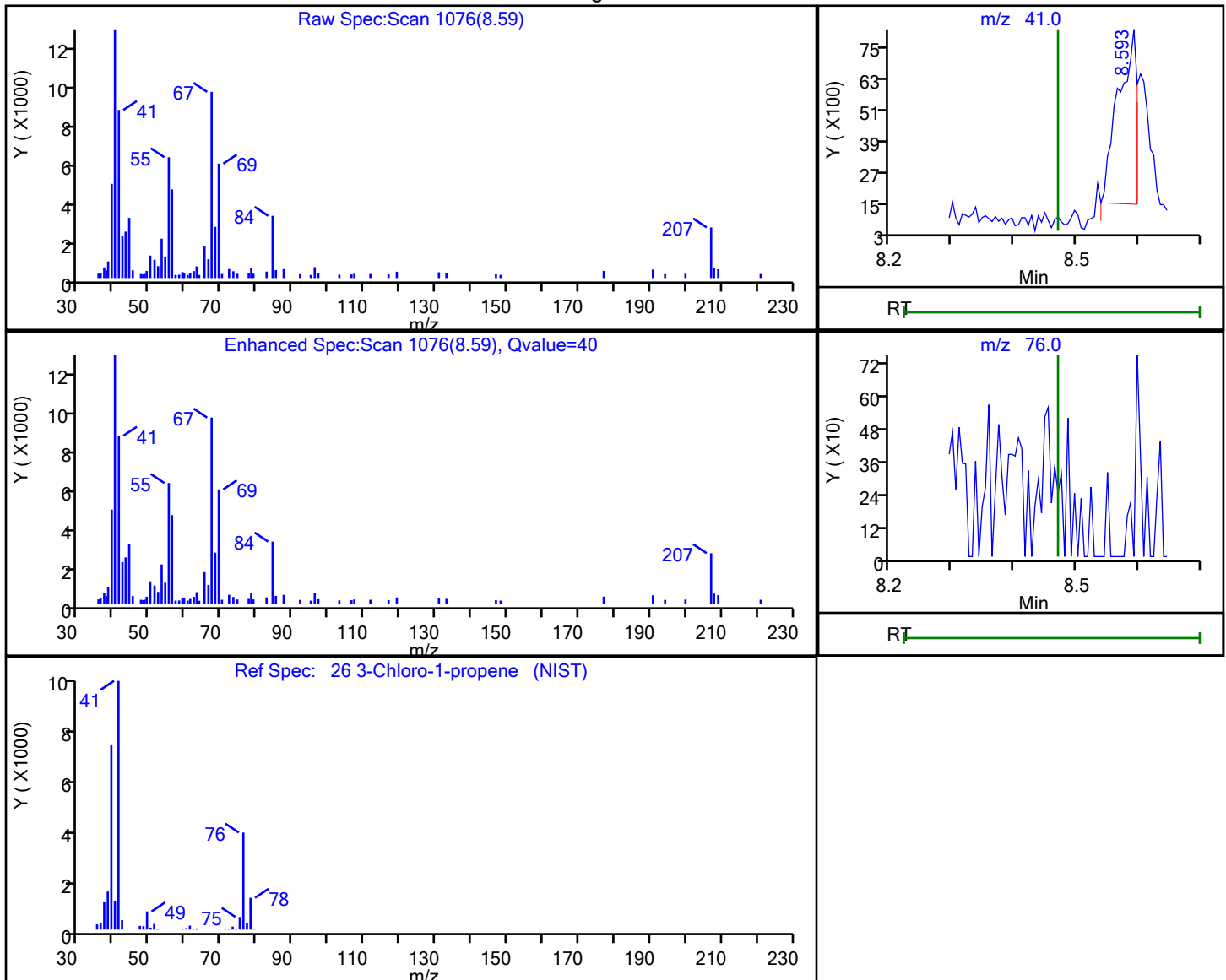


## Eurofins TestAmerica, Burlington

Data File: \\chromfs\Burlington\ChromData\CHW.i\20201218-44134.b\44134-023.d  
Injection Date: 19-Dec-2020 04:33:30 Instrument ID: CHW.i  
Lims ID: 200-56451-A-5 Lab Sample ID: 200-56451-5  
Client ID: SG-205  
Operator ID: ggg ALS Bottle#: 22 Worklist Smp#: 23  
Purge Vol: 200.000 mL Dil. Factor: 15.4000  
Method: TO15\_TO3\_MasterMethod\_W Limit Group: AI\_TO15\_ICAL  
Column: RTX-624 ( 0.32 mm) Detector: MS SCAN

## 26 3-Chloro-1-propene, CAS: 107-05-1

## Processing Results



| RT   | Mass  | Response | Amount   |
|------|-------|----------|----------|
| 8.59 | 41.00 | 13919    | 0.089056 |
| 8.47 | 76.00 | 0        |          |

Reviewer: bunmaa, 21-Dec-2020 13:22:10

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

## Eurofins TestAmerica, Burlington

Data File: \\chromfs\Burlington\ChromData\CHW.i\20201218-44134.b\44134-023.d

Injection Date: 19-Dec-2020 04:33:30

Instrument ID: CHW.i

Lims ID: 200-56451-A-5

Lab Sample ID: 200-56451-5

Client ID: SG-205

Operator ID: ggg

ALS Bottle#:

22

Worklist Smp#: 23

Purge Vol: 200.000 mL

Dil. Factor: 15.4000

Method: TO15\_TO3\_MasterMethod\_W

Limit Group: AI\_TO15\_ICAL

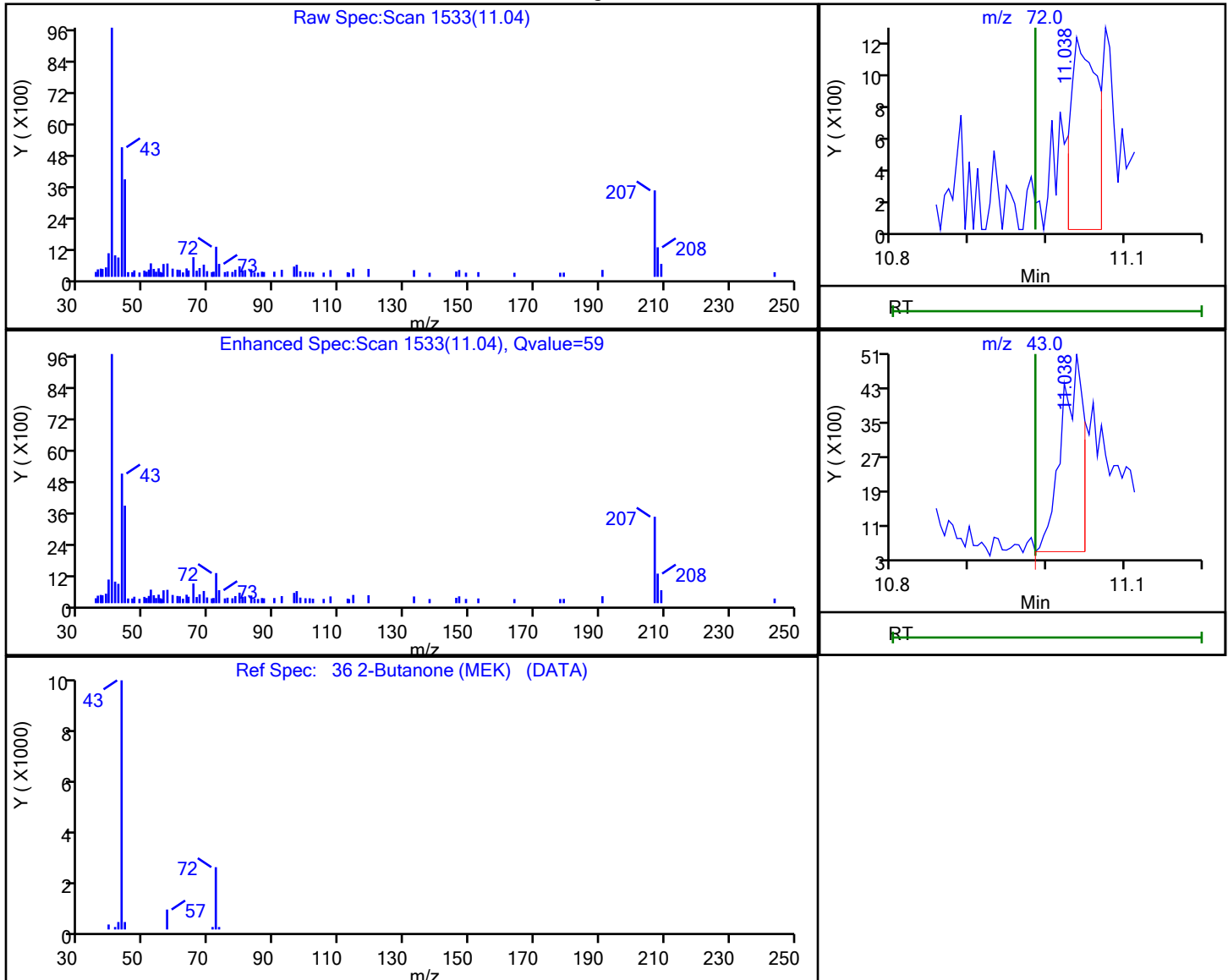
Column: RTX-624 ( 0.32 mm)

Detector

MS SCAN

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

## Processing Results



| RT    | Mass  | Response | Amount   |
|-------|-------|----------|----------|
| 11.04 | 72.00 | 2709     | 0.048921 |
| 11.04 | 43.00 | 8889     |          |

Reviewer: bunmaa, 21-Dec-2020 13:22:35

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

## Eurofins TestAmerica, Burlington

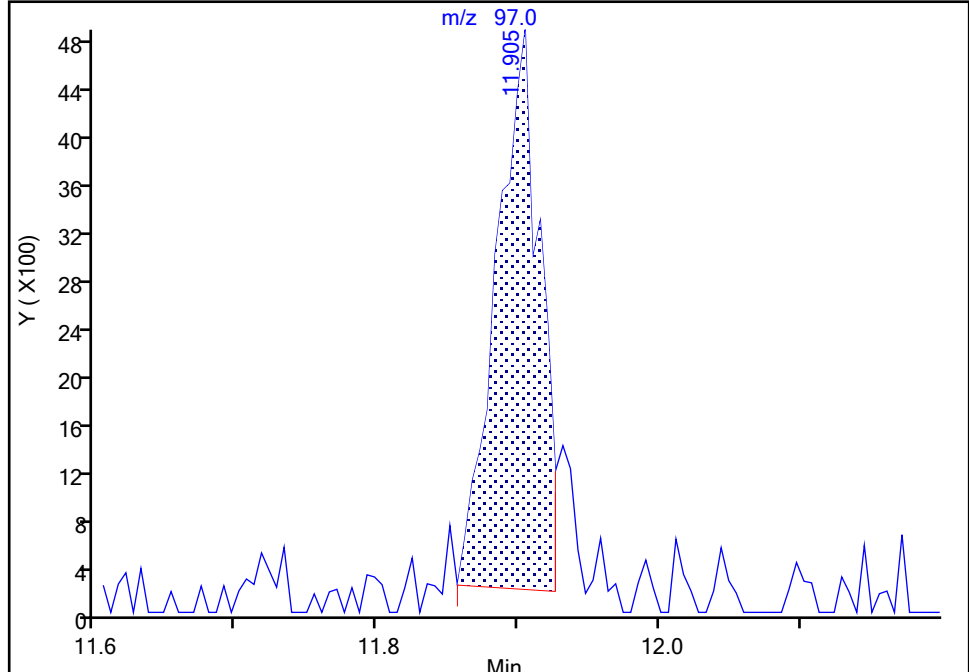
Data File: \\chromfs\Burlington\ChromData\CHW.i\20201218-44134.b\44134-023.d  
Injection Date: 19-Dec-2020 04:33:30 Instrument ID: CHW.i  
Lims ID: 200-56451-A-5 Lab Sample ID: 200-56451-5  
Client ID: SG-205  
Operator ID: ggg ALS Bottle#: 22 Worklist Smp#: 23  
Purge Vol: 200.000 mL Dil. Factor: 15.4000  
Method: TO15\_TO3\_MasterMethod\_W Limit Group: AI\_TO15\_ICAL  
Column: RTX-624 ( 0.32 mm) Detector: MS SCAN

**42 1,1,1-Trichloroethane, CAS: 71-55-6**

Signal: 1

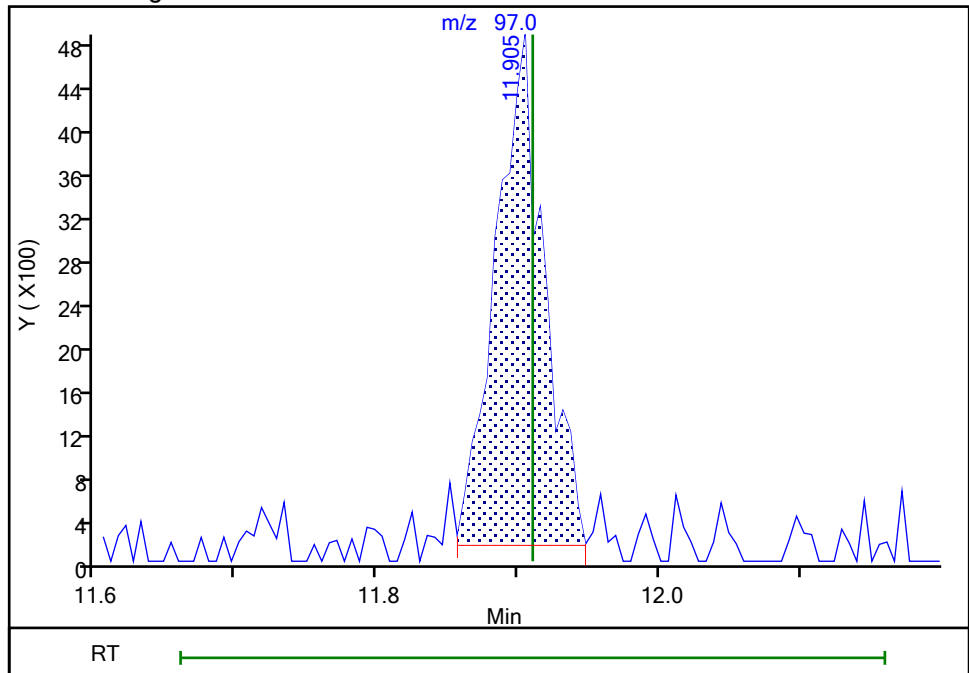
RT: 11.90  
Area: 10061  
Amount: 0.033943  
Amount Units: ppb v/v

## Processing Integration Results



RT: 11.90  
Area: 11169  
Amount: 0.037681  
Amount Units: ppb v/v

## Manual Integration Results



Reviewer: bunmaa, 21-Dec-2020 13:22:51

Audit Action: Manually Integrated

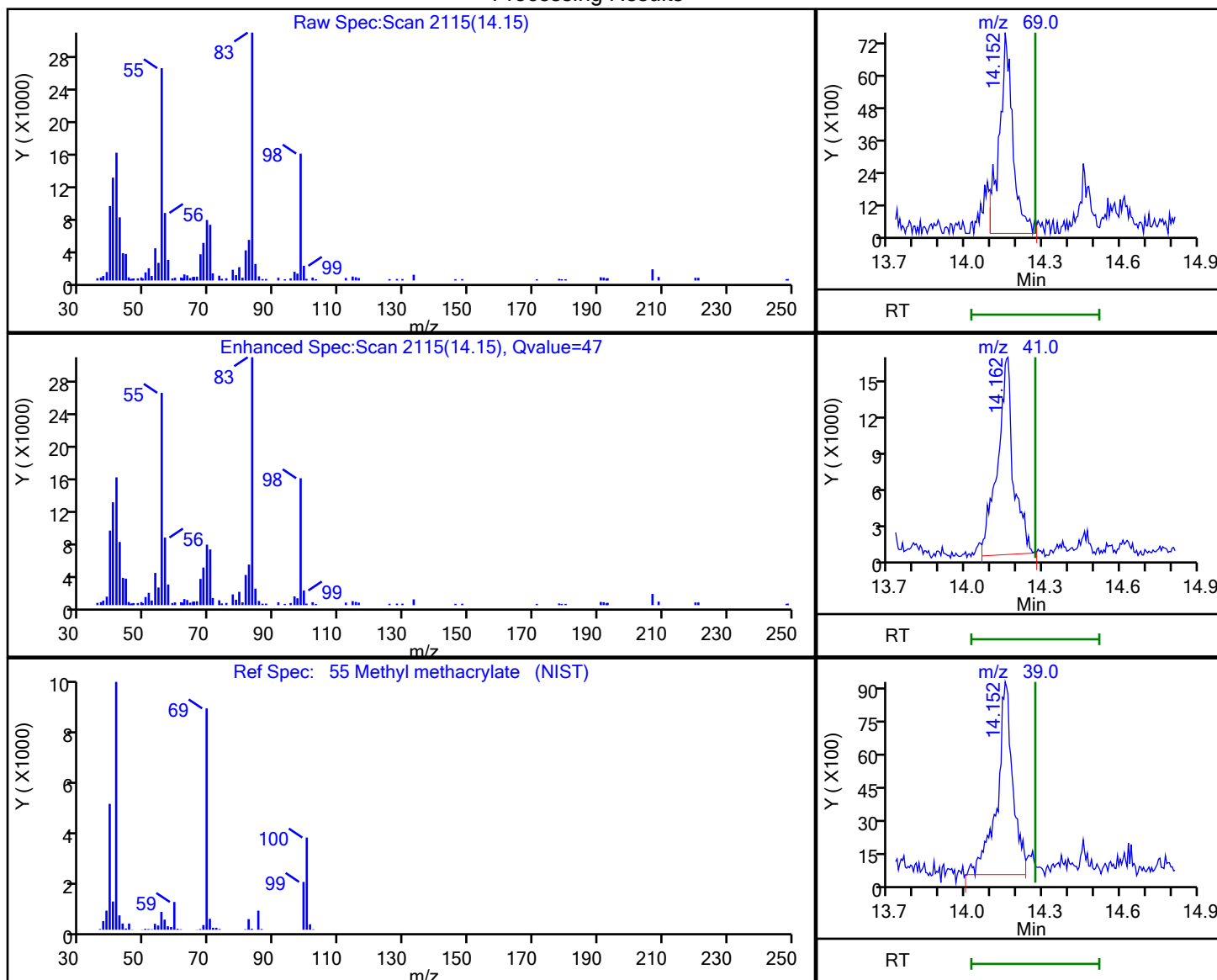
Audit Reason: Assign Peak

## Eurofins TestAmerica, Burlington

Data File: \\chromfs\Burlington\ChromData\CHW.i\20201218-44134.b\44134-023.d  
Injection Date: 19-Dec-2020 04:33:30 Instrument ID: CHW.i  
Lims ID: 200-56451-A-5 Lab Sample ID: 200-56451-5  
Client ID: SG-205  
Operator ID: ggg ALS Bottle#: 22 Worklist Smp#: 23  
Purge Vol: 200.000 mL Dil. Factor: 15.4000  
Method: TO15\_TO3\_MasterMethod\_W 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   |
|-------|-------|----------|----------|
| 14.15 | 69.00 | 27670    | 0.216353 |
| 14.16 | 41.00 | 69188    |          |
| 14.15 | 39.00 | 38116    |          |

Reviewer: bunmaa, 21-Dec-2020 13:23:16

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

## Eurofins TestAmerica, Burlington

Data File: \\chromfs\Burlington\ChromData\CHW.i\20201218-44134.b\44134-023.d

Injection Date: 19-Dec-2020 04:33:30

Instrument ID: CHW.i

Lims ID: 200-56451-A-5

Lab Sample ID: 200-56451-5

Client ID: SG-205

Operator ID: ggg

ALS Bottle#: 22 Worklist Smp#: 23

Purge Vol: 200.000 mL

Dil. Factor: 15.4000

Method: TO15\_TO3\_MasterMethod\_W

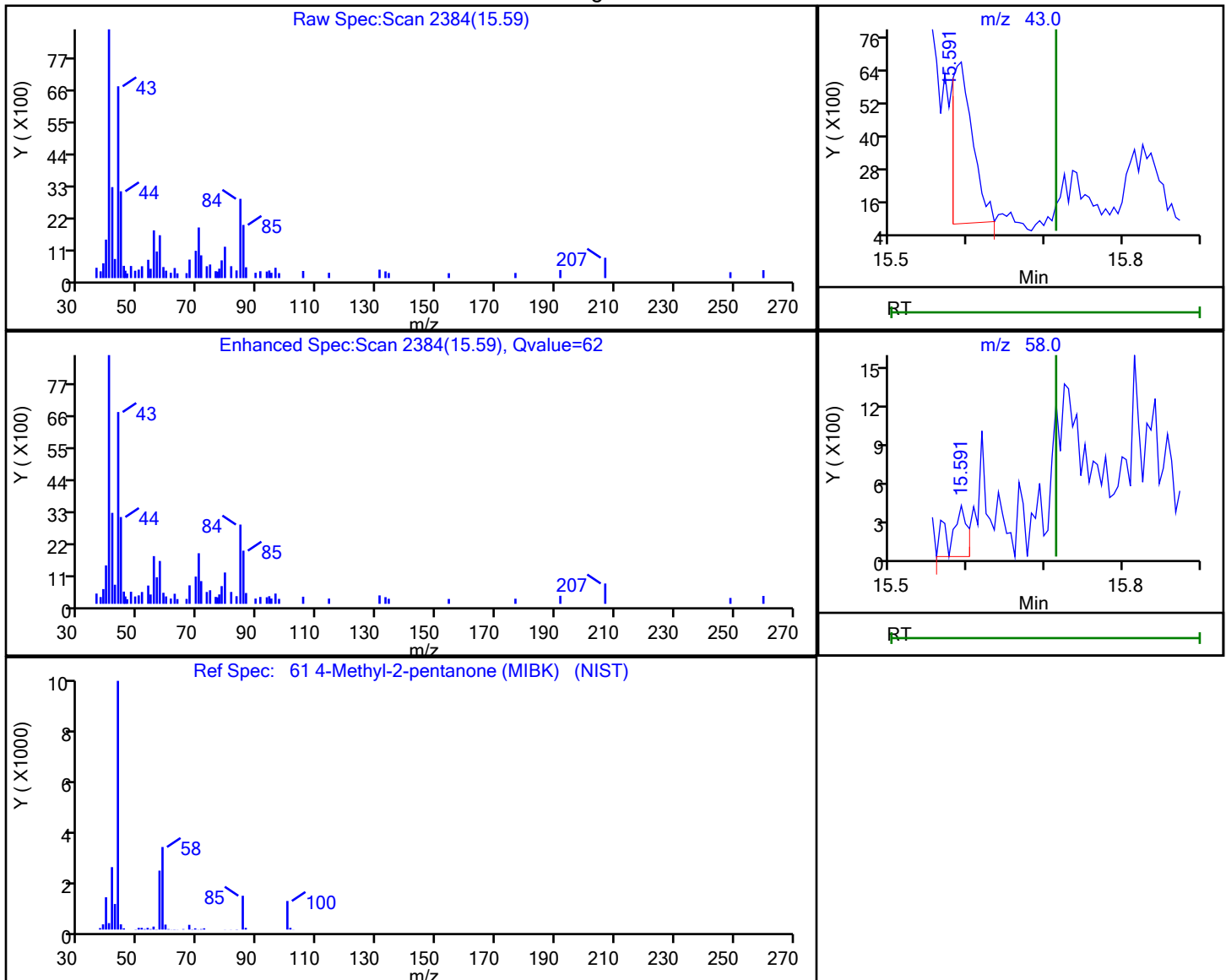
Limit Group: AI\_TO15\_ICAL

Column: RTX-624 ( 0.32 mm)

Detector: MS SCAN

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

## Processing Results



| RT    | Mass  | Response | Amount   |
|-------|-------|----------|----------|
| 15.59 | 43.00 | 10638    | 0.037749 |
| 15.59 | 58.00 | 578      |          |

Reviewer: bunmaa, 21-Dec-2020 13:23:42

Audit Action: Marked Compound Undetected

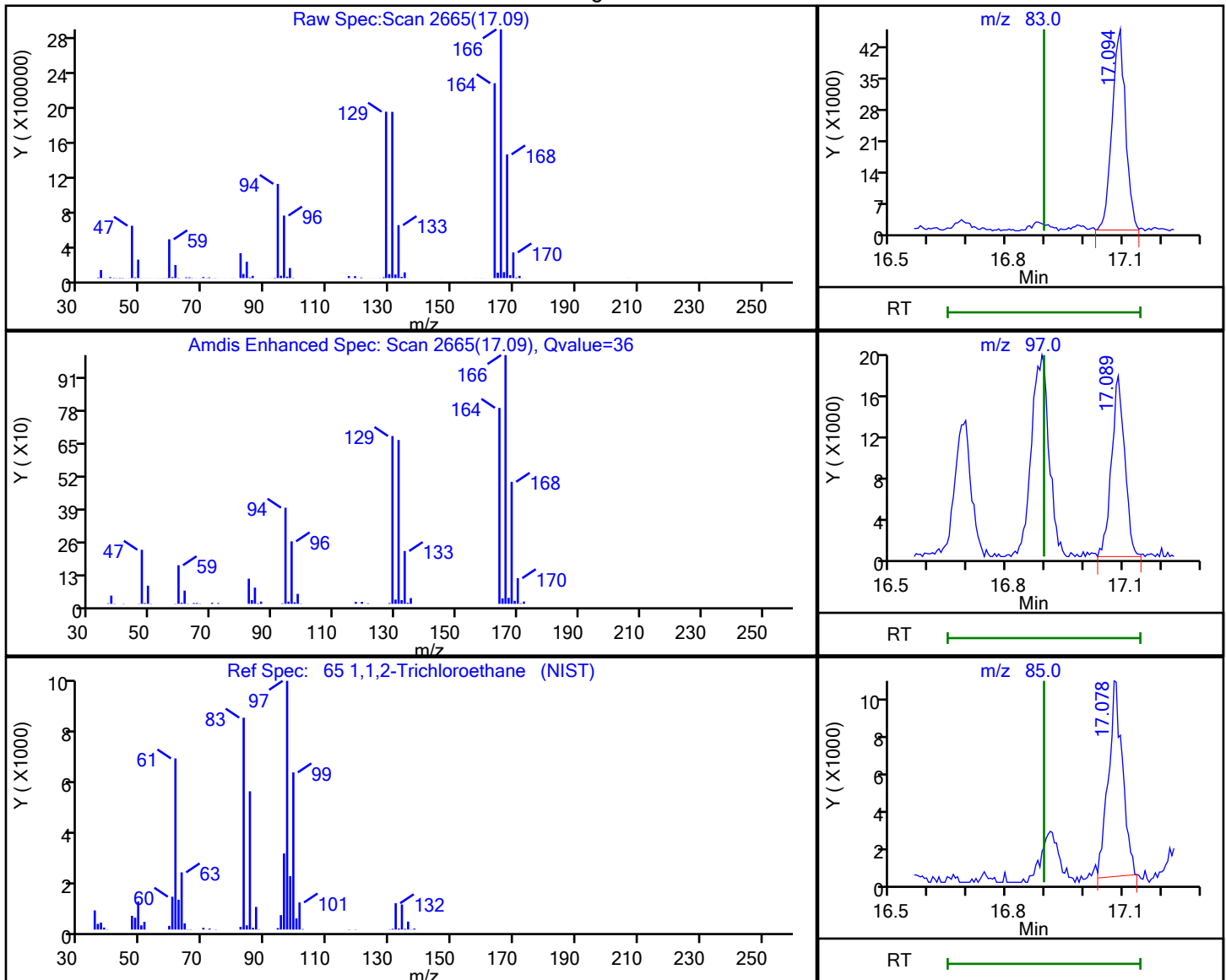
Audit Reason: Invalid Compound ID

## Eurofins TestAmerica, Burlington

Data File: \\chromfs\Burlington\ChromData\CHW.i\20201218-44134.b\44134-023.d  
Injection Date: 19-Dec-2020 04:33:30 Instrument ID: CHW.i  
Lims ID: 200-56451-A-5 Lab Sample ID: 200-56451-5  
Client ID: SG-205  
Operator ID: ggg ALS Bottle#: 22 Worklist Smp#: 23  
Purge Vol: 200.000 mL Dil. Factor: 15.4000  
Method: TO15\_TO3\_MasterMethod\_W Limit Group: AI\_TO15\_ICAL  
Column: RTX-624 ( 0.32 mm) Detector: MS SCAN

## 65 1,1,2-Trichloroethane, CAS: 79-00-5

## Processing Results



| RT    | Mass  | Response | Amount   |
|-------|-------|----------|----------|
| 17.09 | 83.00 | 111088   | 0.863870 |
| 17.09 | 97.00 | 41798    |          |
| 17.08 | 85.00 | 25197    |          |

Reviewer: bunmaa, 21-Dec-2020 13:23:56

Audit Action: Marked Compound Undetected

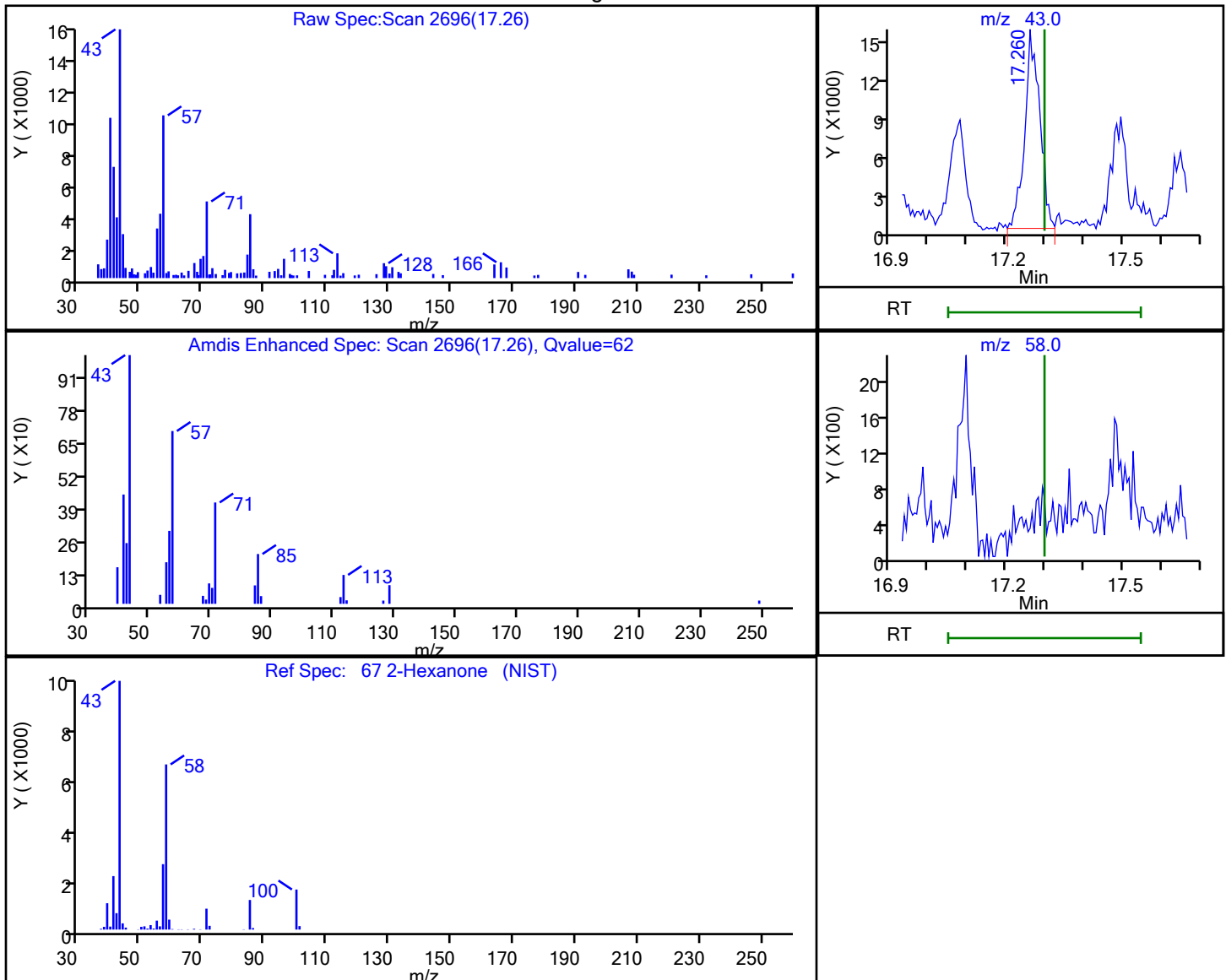
Audit Reason: Invalid Compound ID

## Eurofins TestAmerica, Burlington

Data File: \\chromfs\Burlington\ChromData\CHW.i\20201218-44134.b\44134-023.d  
Injection Date: 19-Dec-2020 04:33:30 Instrument ID: CHW.i  
Lims ID: 200-56451-A-5 Lab Sample ID: 200-56451-5  
Client ID: SG-205  
Operator ID: ggg ALS Bottle#: 22 Worklist Smp#: 23  
Purge Vol: 200.000 mL Dil. Factor: 15.4000  
Method: TO15\_TO3\_MasterMethod\_W Limit Group: AI\_TO15\_ICAL  
Column: RTX-624 ( 0.32 mm) Detector: MS SCAN

## 67 2-Hexanone, CAS: 591-78-6

## Processing Results



| RT    | Mass  | Response | Amount   |
|-------|-------|----------|----------|
| 17.26 | 43.00 | 39913    | 0.170074 |
| 17.30 | 58.00 | 0        |          |

Reviewer: bunmaa, 21-Dec-2020 13:24:04

Audit Action: Marked Compound Undetected

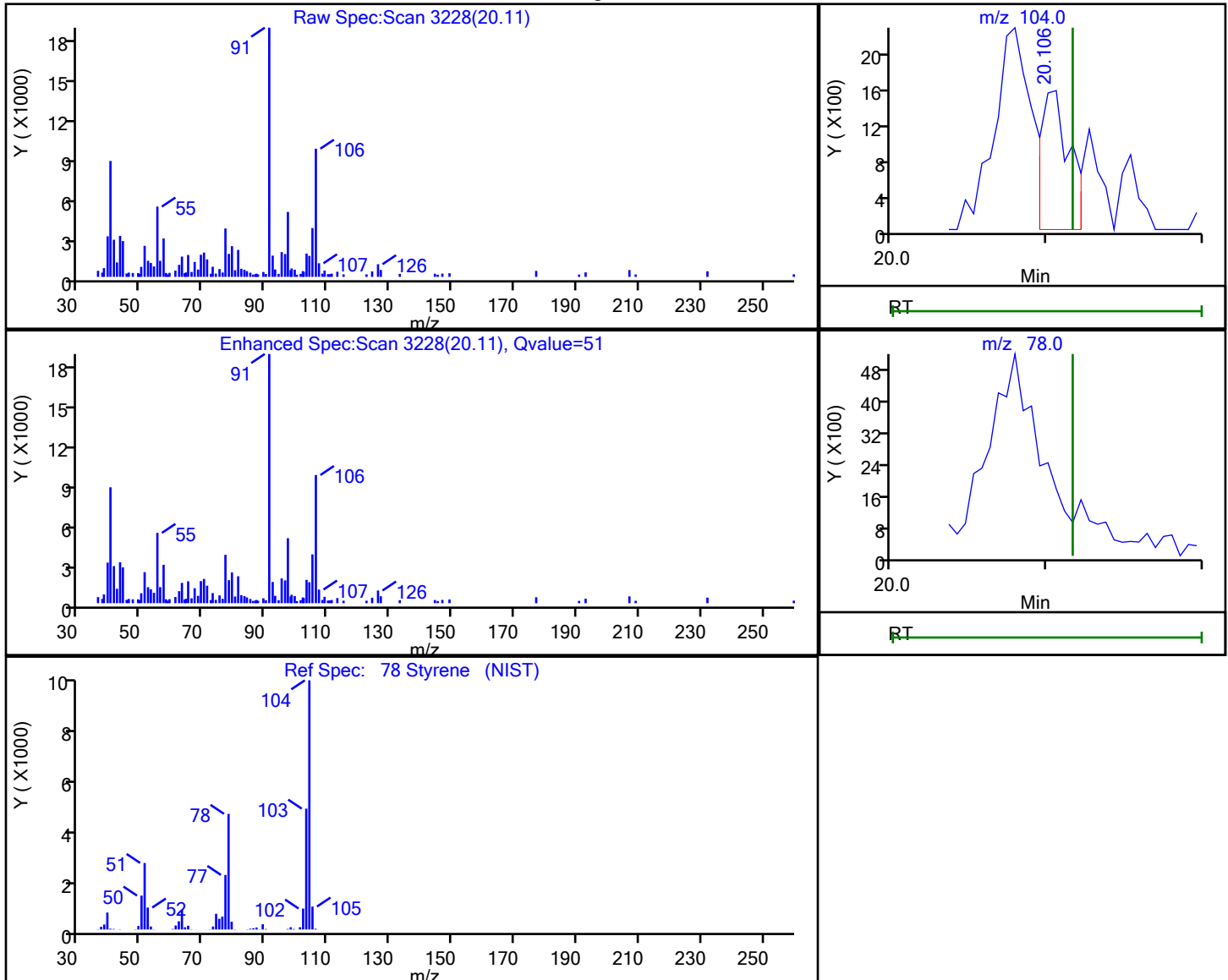
Audit Reason: Invalid Compound ID

## Eurofins TestAmerica, Burlington

Data File: \\chromfs\Burlington\ChromData\CHW.i\20201218-44134.b\44134-023.d  
Injection Date: 19-Dec-2020 04:33:30 Instrument ID: CHW.i  
Lims ID: 200-56451-A-5 Lab Sample ID: 200-56451-5  
Client ID: SG-205  
Operator ID: ggg ALS Bottle#: 22 Worklist Smp#: 23  
Purge Vol: 200.000 mL Dil. Factor: 15.4000  
Method: TO15\_TO3\_MasterMethod\_W Limit Group: AI\_TO15\_ICAL  
Column: RTX-624 ( 0.32 mm) Detector: MS SCAN

## 78 Styrene, CAS: 100-42-5

## Processing Results



| RT    | Mass   | Response | Amount   |
|-------|--------|----------|----------|
| 20.11 | 104.00 | 2072     | 0.006550 |
| 20.12 | 78.00  | 0        |          |

Reviewer: bunmaa, 21-Dec-2020 13:24:33

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

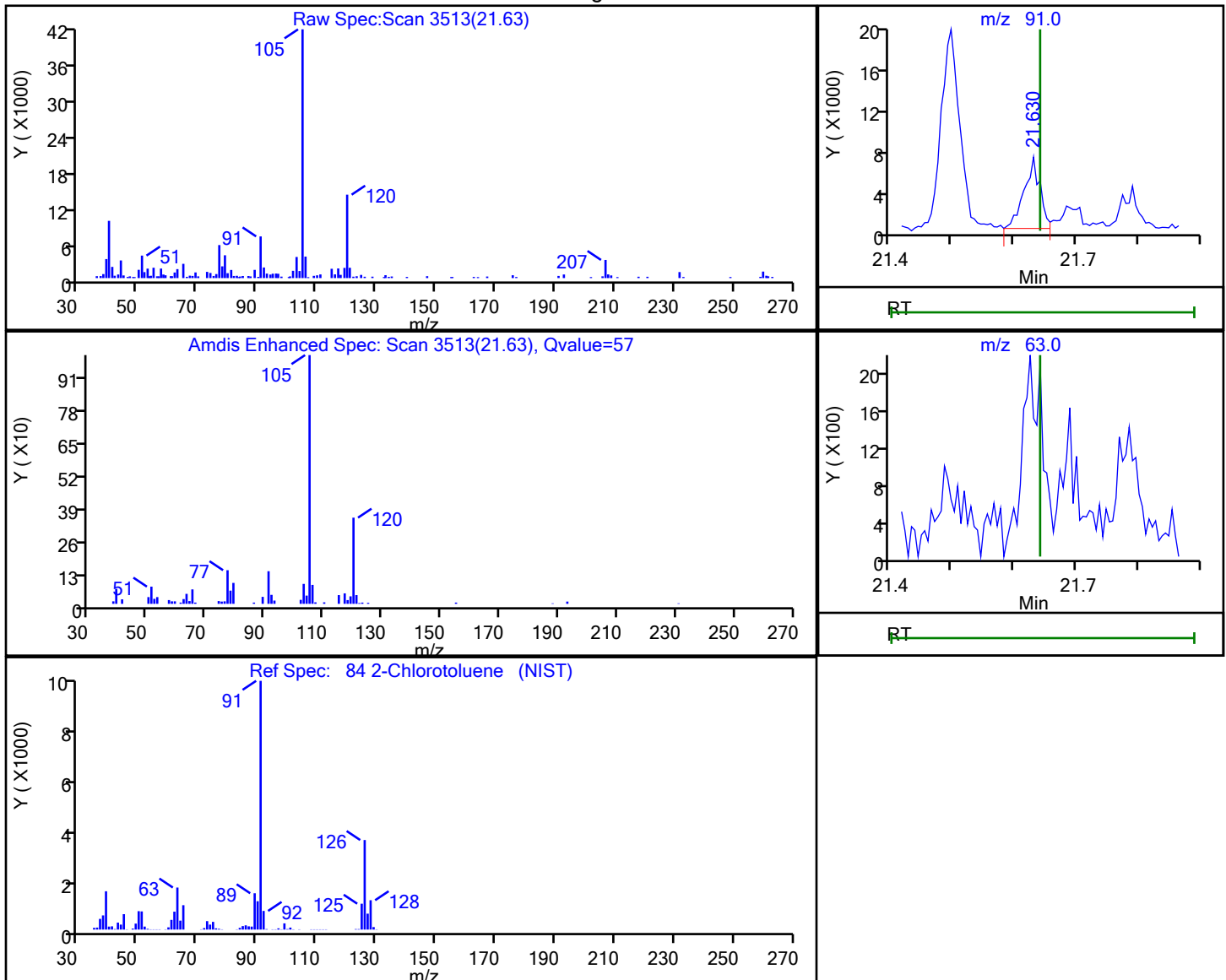


## Eurofins TestAmerica, Burlington

Data File: \\chromfs\Burlington\ChromData\CHW.i\20201218-44134.b\44134-023.d  
Injection Date: 19-Dec-2020 04:33:30 Instrument ID: CHW.i  
Lims ID: 200-56451-A-5 Lab Sample ID: 200-56451-5  
Client ID: SG-205  
Operator ID: ggg ALS Bottle#: 22 Worklist Smp#: 23  
Purge Vol: 200.000 mL Dil. Factor: 15.4000  
Method: TO15\_TO3\_MasterMethod\_W Limit Group: AI\_TO15\_ICAL  
Column: RTX-624 ( 0.32 mm) Detector: MS SCAN

## 84 2-Chlorotoluene, CAS: 95-49-8

## Processing Results



| RT    | Mass  | Response | Amount   |
|-------|-------|----------|----------|
| 21.63 | 91.00 | 12098    | 0.026421 |
| 21.64 | 63.00 | 0        |          |

Reviewer: bunmaa, 21-Dec-2020 13:24:58

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

## Eurofins TestAmerica, Burlington

Data File: \\chromfs\Burlington\ChromData\CHW.i\20201218-44134.b\44134-023.d

Injection Date: 19-Dec-2020 04:33:30

Instrument ID: CHW.i

Lims ID: 200-56451-A-5

Lab Sample ID: 200-56451-5

Client ID: SG-205

Operator ID: ggg

ALS Bottle#: 22 Worklist Smp#: 23

Purge Vol: 200.000 mL

Dil. Factor: 15.4000

Method: TO15\_TO3\_MasterMethod\_W

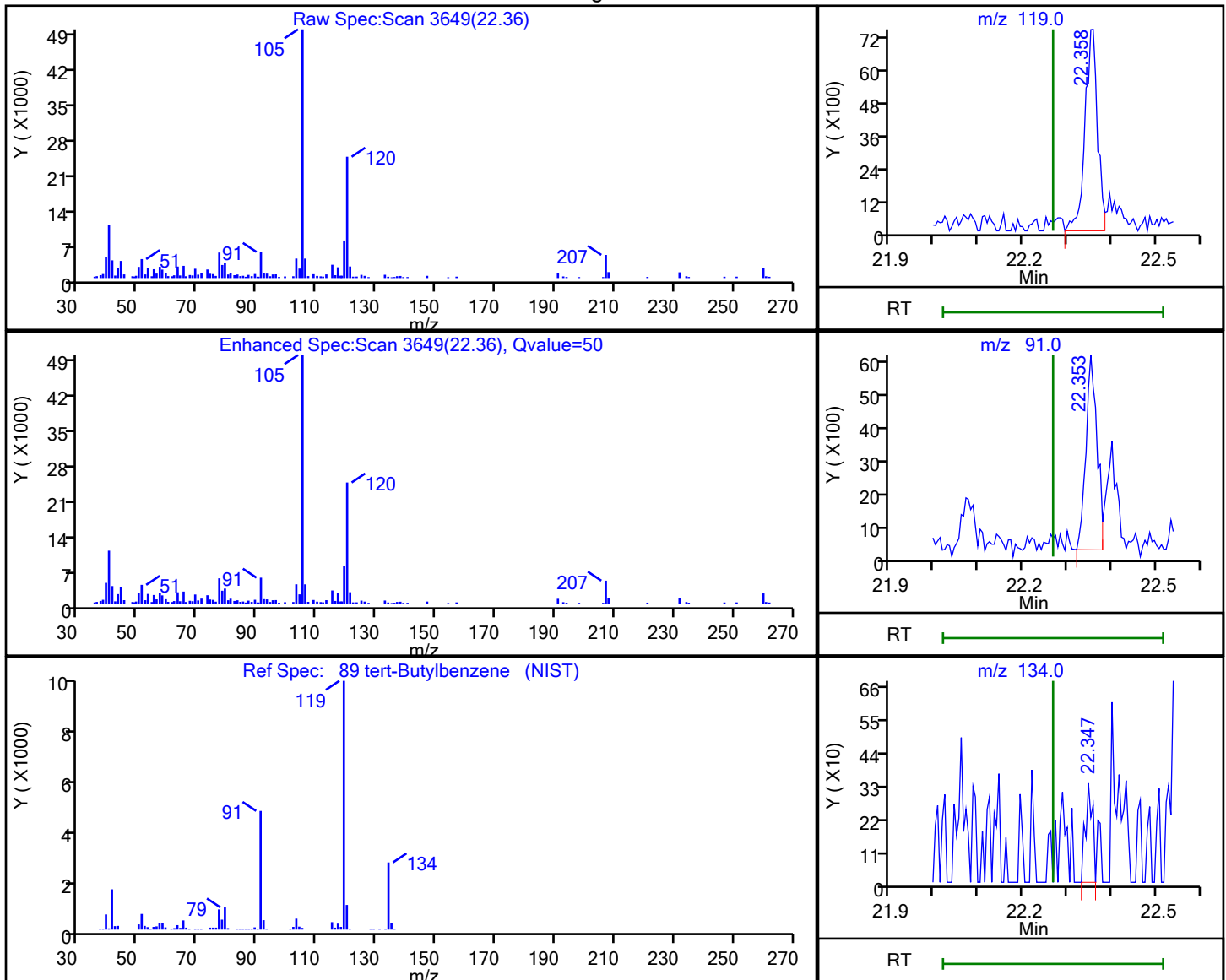
Limit Group: AI\_TO15\_ICAL

Column: RTX-624 ( 0.32 mm)

Detector: MS SCAN

## 89 tert-Butylbenzene, CAS: 98-06-6

## Processing Results



| RT    | Mass   | Response | Amount   |
|-------|--------|----------|----------|
| 22.36 | 119.00 | 14813    | 0.028374 |
| 22.35 | 91.00  | 10511    |          |
| 22.35 | 134.00 | 373      |          |

Reviewer: bunmaa, 21-Dec-2020 13:25:08

Audit Action: Marked Compound Undetected

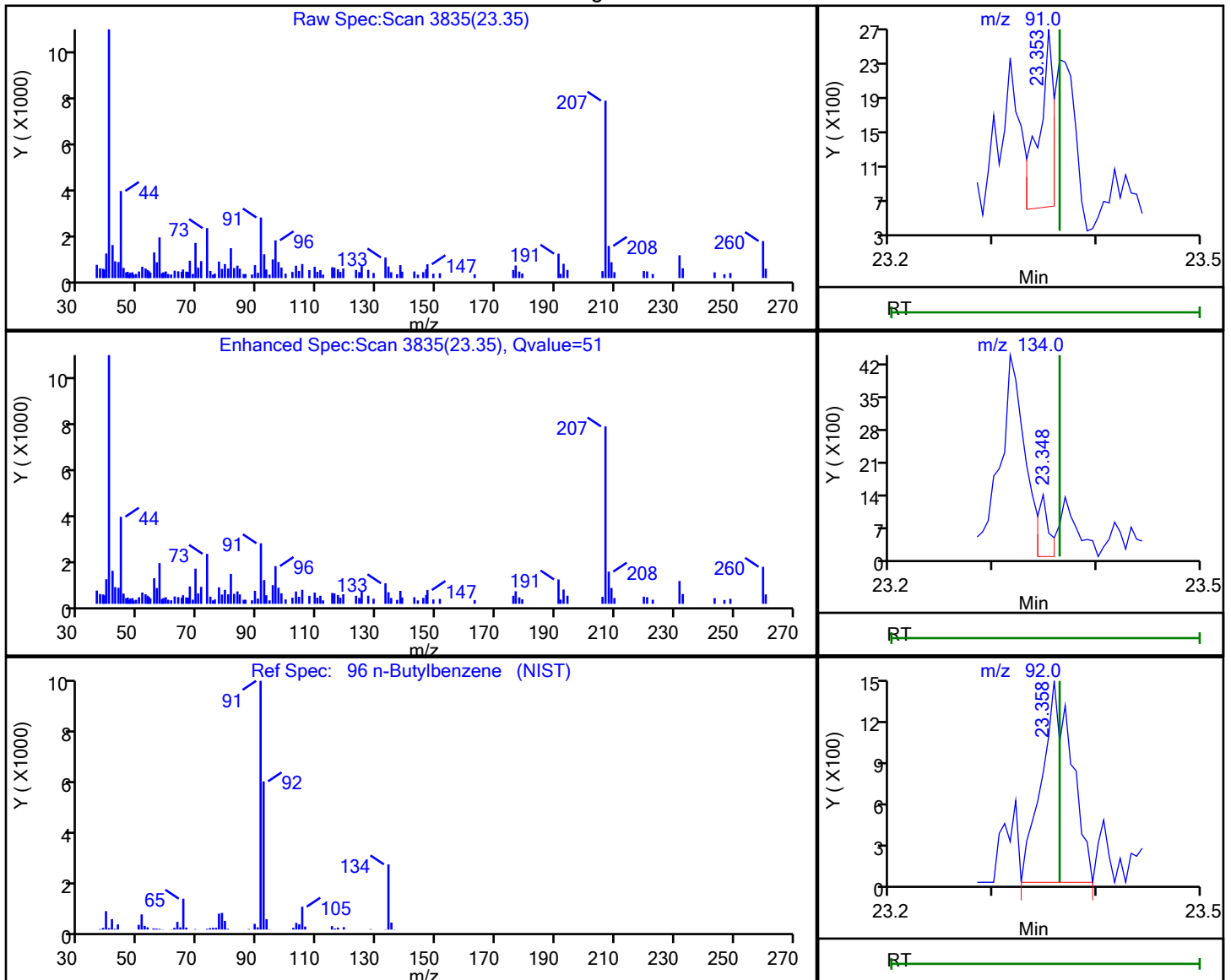
Audit Reason: Invalid Compound ID

## Eurofins TestAmerica, Burlington

Data File: \\chromfs\Burlington\ChromData\CHW.i\20201218-44134.b\44134-023.d  
Injection Date: 19-Dec-2020 04:33:30 Instrument ID: CHW.i  
Lims ID: 200-56451-A-5 Lab Sample ID: 200-56451-5  
Client ID: SG-205  
Operator ID: ggg ALS Bottle#: 22 Worklist Smp#: 23  
Purge Vol: 200.000 mL Dil. Factor: 15.4000  
Method: TO15\_TO3\_MasterMethod\_W Limit Group: AI\_TO15\_ICAL  
Column: RTX-624 ( 0.32 mm) Detector: MS SCAN

## 96 n-Butylbenzene, CAS: 104-51-8

## Processing Results



| RT    | Mass   | Response | Amount   |
|-------|--------|----------|----------|
| 23.35 | 91.00  | 2077     | 0.003707 |
| 23.35 | 134.00 | 1000     |          |
| 23.36 | 92.00  | 2923     |          |

Reviewer: bunmaa, 21-Dec-2020 13:25:30

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

## Eurofins TestAmerica, Burlington

Data File: \\chromfs\Burlington\ChromData\CHW.i\20201218-44134.b\44134-023.d

Injection Date: 19-Dec-2020 04:33:30

Instrument ID: CHW.i

Lims ID: 200-56451-A-5

Lab Sample ID: 200-56451-5

Client ID: SG-205

Operator ID: ggg

ALS Bottle#: 22 Worklist Smp#: 23

Purge Vol: 200.000 mL

Dil. Factor: 15.4000

Method: TO15\_TO3\_MasterMethod\_W

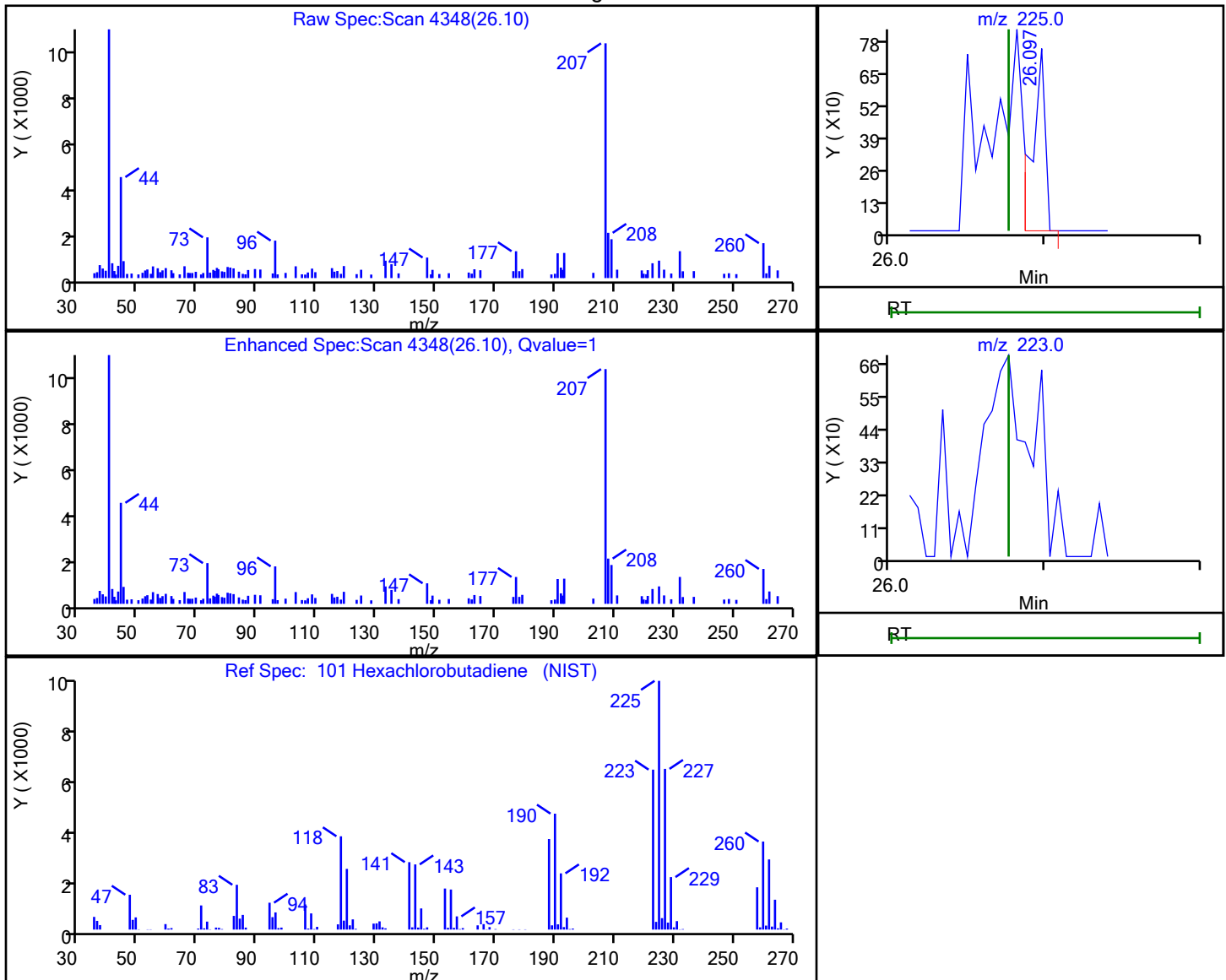
Limit Group: AI\_TO15\_ICAL

Column: RTX-624 ( 0.32 mm)

Detector: MS SCAN

## 101 Hexachlorobutadiene, CAS: 87-68-3

## Processing Results



| RT    | Mass   | Response | Amount   |
|-------|--------|----------|----------|
| 26.10 | 225.00 | 432      | 0.001259 |
| 26.08 | 223.00 | 0        |          |

Reviewer: bunmaa, 21-Dec-2020 13:25:45

Audit Action: Marked Compound Undetected

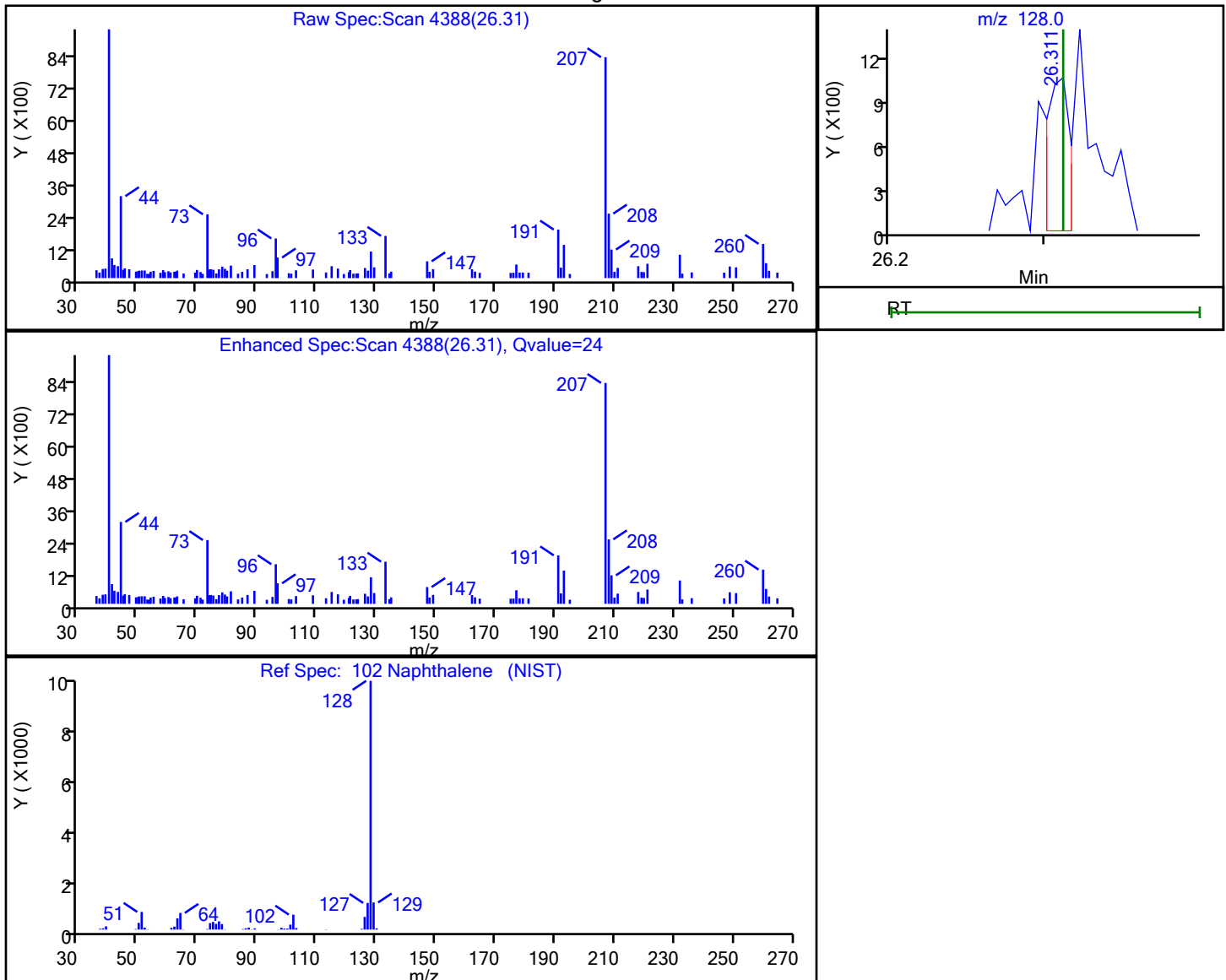
Audit Reason: Invalid Compound ID

## Eurofins TestAmerica, Burlington

Data File: \\chromfs\Burlington\ChromData\CHW.i\20201218-44134.b\44134-023.d  
Injection Date: 19-Dec-2020 04:33:30 Instrument ID: CHW.i  
Lims ID: 200-56451-A-5 Lab Sample ID: 200-56451-5  
Client ID: SG-205  
Operator ID: ggg ALS Bottle#: 22 Worklist Smp#: 23  
Purge Vol: 200.000 mL Dil. Factor: 15.4000  
Method: TO15\_TO3\_MasterMethod\_W Limit Group: AI\_TO15\_ICAL  
Column: RTX-624 ( 0.32 mm) Detector: MS SCAN

## 102 Naphthalene, CAS: 91-20-3

## Processing Results



| RT    | Mass   | Response | Amount   |
|-------|--------|----------|----------|
| 26.31 | 128.00 | 1031     | 0.002554 |

Reviewer: bunmaa, 21-Dec-2020 13:26:00

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

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

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-56451-1  
 SDG No.: 200-56451-1  
 Client Sample ID: SG-206 Lab Sample ID: 200-56451-6  
 Matrix: Air Lab File ID: 44136-07.D  
 Analysis Method: TO-15 Date Collected: 12/09/2020 14:54  
 Sample wt/vol: 200 (mL) Date Analyzed: 12/18/2020 16:29  
 Soil Aliquot Vol: \_\_\_\_\_ Dilution Factor: 1  
 Soil Extract Vol.: \_\_\_\_\_ GC Column: RTX-624 ID: 0.32 (mm)  
 % Moisture: \_\_\_\_\_ Level: (low/med) Low  
 Analysis Batch No.: 162248 Units: ug/m3

| CAS NO.   | COMPOUND NAME                    | MOLECULAR WEIGHT | RESULT | Q | RL   | MDL  |
|-----------|----------------------------------|------------------|--------|---|------|------|
| 75-71-8   | Dichlorodifluoromethane          | 120.91           | 1.4    | J | 2.5  | 0.54 |
| 75-45-6   | Chlorodifluoromethane            | 86.47            | 1.8    | U | 1.8  | 0.42 |
| 76-14-2   | 1,2-Dichlorotetrafluoroethane    | 170.92           | 1.4    | U | 1.4  | 0.24 |
| 74-87-3   | Chloromethane                    | 50.49            | 1.0    | U | 1.0  | 0.23 |
| 106-97-8  | n-Butane                         | 58.12            | 94     |   | 1.2  | 0.26 |
| 75-01-4   | Vinyl chloride                   | 62.50            | 0.20   | U | 0.20 | 0.11 |
| 106-99-0  | 1,3-Butadiene                    | 54.09            | 9.2    |   | 0.44 | 0.13 |
| 74-83-9   | Bromomethane                     | 94.94            | 0.78   | U | 0.78 | 0.20 |
| 75-00-3   | Chloroethane                     | 64.52            | 1.3    | U | 1.3  | 0.14 |
| 593-60-2  | Bromoethene (Vinyl Bromide)      | 106.96           | 0.87   | U | 0.87 | 0.23 |
| 75-69-4   | Trichlorofluoromethane           | 137.37           | 0.74   | J | 1.1  | 0.34 |
| 76-13-1   | 1,1,2-Trichlorotrifluoroethane   | 187.38           | 0.68   | J | 1.5  | 0.29 |
| 75-35-4   | 1,1-Dichloroethene               | 96.94            | 0.20   | U | 0.20 | 0.15 |
| 67-64-1   | Acetone                          | 58.08            | 23     |   | 12   | 2.9  |
| 67-63-0   | Isopropyl alcohol                | 60.10            | 2.2    | J | 12   | 1.2  |
| 75-15-0   | Carbon disulfide                 | 76.14            | 7.9    |   | 1.6  | 0.23 |
| 107-05-1  | 3-Chloropropene                  | 76.53            | 1.6    | U | 1.6  | 0.20 |
| 75-09-2   | Methylene Chloride               | 84.93            | 1.7    | U | 1.7  | 0.94 |
| 75-65-0   | tert-Butyl alcohol               | 74.12            | 15     | U | 15   | 0.12 |
| 1634-04-4 | Methyl tert-butyl ether          | 88.15            | 0.72   | U | 0.72 | 0.12 |
| 156-60-5  | trans-1,2-Dichloroethene         | 96.94            | 0.79   | U | 0.79 | 0.17 |
| 110-54-3  | n-Hexane                         | 86.17            | 23     |   | 0.70 | 0.70 |
| 75-34-3   | 1,1-Dichloroethane               | 98.96            | 0.81   | U | 0.81 | 0.17 |
| 78-93-3   | Methyl Ethyl Ketone (2-Butanone) | 72.11            | 7.5    |   | 1.5  | 0.21 |
| 156-59-2  | cis-1,2-Dichloroethene           | 96.94            | 0.20   | U | 0.20 | 0.18 |
| 67-66-3   | Chloroform                       | 119.38           | 0.98   | U | 0.98 | 0.16 |
| 109-99-9  | Tetrahydrofuran                  | 72.11            | 15     | U | 15   | 0.19 |
| 71-55-6   | 1,1,1-Trichloroethane            | 133.41           | 1.1    | U | 1.1  | 0.20 |
| 110-82-7  | Cyclohexane                      | 84.16            | 8.7    |   | 0.69 | 0.16 |
| 56-23-5   | Carbon tetrachloride             | 153.81           | 0.22   | U | 0.22 | 0.15 |
| 540-84-1  | 2,2,4-Trimethylpentane           | 114.23           | 4.1    |   | 0.93 | 0.19 |
| 71-43-2   | Benzene                          | 78.11            | 10     |   | 0.64 | 0.21 |
| 107-06-2  | 1,2-Dichloroethane               | 98.96            | 0.81   | U | 0.81 | 0.13 |

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

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-56451-1  
 SDG No.: 200-56451-1  
 Client Sample ID: SG-206 Lab Sample ID: 200-56451-6  
 Matrix: Air Lab File ID: 44136-07.D  
 Analysis Method: TO-15 Date Collected: 12/09/2020 14:54  
 Sample wt/vol: 200 (mL) Date Analyzed: 12/18/2020 16:29  
 Soil Aliquot Vol: \_\_\_\_\_ Dilution Factor: 1  
 Soil Extract Vol.: \_\_\_\_\_ GC Column: RTX-624 ID: 0.32 (mm)  
 % Moisture: \_\_\_\_\_ Level: (low/med) Low  
 Analysis Batch No.: 162248 Units: ug/m3

| CAS NO.     | COMPOUND NAME                                    | MOLECULAR WEIGHT | RESULT | Q | RL   | MDL  |
|-------------|--------------------------------------------------|------------------|--------|---|------|------|
| 142-82-5    | n-Heptane                                        | 100.21           | 16     |   | 0.82 | 0.23 |
| 79-01-6     | Trichloroethene                                  | 131.39           | 12     |   | 0.20 | 0.19 |
| 80-62-6     | Methyl methacrylate                              | 100.12           | 2.0    | U | 2.0  | 0.14 |
| 78-87-5     | 1,2-Dichloropropane                              | 112.99           | 0.92   | U | 0.92 | 0.15 |
| 123-91-1    | 1,4-Dioxane                                      | 88.11            | 18     | U | 18   | 0.30 |
| 75-27-4     | Bromodichloromethane                             | 163.83           | 1.3    | U | 1.3  | 0.23 |
| 10061-01-5  | cis-1,3-Dichloropropene                          | 110.97           | 0.91   | U | 0.91 | 0.15 |
| 108-10-1    | 4-Methyl-2-pentanone<br>(Methyl isobutyl ketone) | 100.16           | 2.6    |   | 2.0  | 0.15 |
| 108-88-3    | Toluene                                          | 92.14            | 17     |   | 0.75 | 0.41 |
| 10061-02-6  | trans-1,3-Dichloropropene                        | 110.97           | 0.91   | U | 0.91 | 0.18 |
| 79-00-5     | 1,1,2-Trichloroethane                            | 133.41           | 1.1    | U | 1.1  | 0.20 |
| 127-18-4    | Tetrachloroethene                                | 165.83           | 220    |   | 1.4  | 0.22 |
| 591-78-6    | Methyl Butyl Ketone<br>(2-Hexanone)              | 100.20           | 4.3    |   | 2.0  | 0.20 |
| 124-48-1    | Dibromochloromethane                             | 208.28           | 1.7    | U | 1.7  | 0.31 |
| 106-93-4    | 1,2-Dibromoethane                                | 187.87           | 1.5    | U | 1.5  | 0.38 |
| 108-90-7    | Chlorobenzene                                    | 112.56           | 0.92   | U | 0.92 | 0.26 |
| 100-41-4    | Ethylbenzene                                     | 106.17           | 3.8    |   | 0.87 | 0.27 |
| 179601-23-1 | m,p-Xylene                                       | 106.17           | 15     |   | 2.2  | 0.43 |
| 95-47-6     | o-Xylene                                         | 106.17           | 4.9    |   | 0.87 | 0.21 |
| 100-42-5    | Styrene                                          | 104.15           | 0.65   | J | 0.85 | 0.17 |
| 75-25-2     | Bromoform                                        | 252.75           | 2.1    | U | 2.1  | 0.50 |
| 98-82-8     | Cumene                                           | 120.19           | 0.51   | J | 0.98 | 0.17 |
| 79-34-5     | 1,1,2,2-Tetrachloroethane                        | 167.85           | 1.4    | U | 1.4  | 0.29 |
| 103-65-1    | n-Propylbenzene                                  | 120.19           | 1.0    |   | 0.98 | 0.19 |
| 622-96-8    | 4-Ethyltoluene                                   | 120.20           | 1.2    |   | 0.98 | 0.20 |
| 108-67-8    | 1,3,5-Trimethylbenzene                           | 120.20           | 2.2    |   | 0.98 | 0.19 |
| 95-49-8     | 2-Chlorotoluene                                  | 126.59           | 1.0    | U | 1.0  | 0.22 |
| 98-06-6     | tert-Butylbenzene                                | 134.22           | 1.1    | U | 1.1  | 0.19 |
| 95-63-6     | 1,2,4-Trimethylbenzene                           | 120.20           | 5.3    |   | 0.98 | 0.22 |
| 135-98-8    | sec-Butylbenzene                                 | 134.22           | 0.25   | J | 1.1  | 0.19 |
| 99-87-6     | 4-Isopropyltoluene                               | 134.22           | 0.27   | J | 1.1  | 0.21 |
| 541-73-1    | 1,3-Dichlorobenzene                              | 147.00           | 1.2    | U | 1.2  | 0.66 |
| 106-46-7    | 1,4-Dichlorobenzene                              | 147.00           | 1.2    | U | 1.2  | 0.72 |

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

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-56451-1  
SDG No.: 200-56451-1  
Client Sample ID: SG-206 Lab Sample ID: 200-56451-6  
Matrix: Air Lab File ID: 44136-07.D  
Analysis Method: TO-15 Date Collected: 12/09/2020 14:54  
Sample wt/vol: 200 (mL) Date Analyzed: 12/18/2020 16:29  
Soil Aliquot Vol: \_\_\_\_\_ Dilution Factor: 1  
Soil Extract Vol.: \_\_\_\_\_ GC Column: RTX-624 ID: 0.32 (mm)  
% Moisture: \_\_\_\_\_ Level: (low/med) Low  
Analysis Batch No.: 162248 Units: ug/m3

| CAS NO.  | COMPOUND NAME          | MOLECULAR WEIGHT | RESULT | Q | RL  | MDL  |
|----------|------------------------|------------------|--------|---|-----|------|
| 100-44-7 | Benzyl chloride        | 126.58           | 1.0    | U | 1.0 | 0.44 |
| 104-51-8 | n-Butylbenzene         | 134.22           | 0.39   | J | 1.1 | 0.21 |
| 95-50-1  | 1,2-Dichlorobenzene    | 147.00           | 1.2    | U | 1.2 | 0.58 |
| 120-82-1 | 1,2,4-Trichlorobenzene | 181.45           | 3.7    | U | 3.7 | 1.6  |
| 87-68-3  | Hexachlorobutadiene    | 260.76           | 2.1    | U | 2.1 | 0.81 |
| 91-20-3  | Naphthalene            | 128.17           | 2.6    | U | 2.6 | 0.89 |



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

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-56451-1

SDG No.: 200-56451-1

Client Sample ID: SG-206 Lab Sample ID: 200-56451-6

Matrix: Air Lab File ID: 44136-07.D

Analysis Method: TO-15 Date Collected: 12/09/2020 14:54

Sample wt/vol: 200 (mL) Date Analyzed: 12/18/2020 16:29

Soil Aliquot Vol: \_\_\_\_\_ Dilution Factor: 1

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

% Moisture: \_\_\_\_\_ Level: (low/med) Low

Analysis Batch No.: 162248 Units: ppb v/v

| CAS NO.   | COMPOUND NAME                    | MOLECULAR WEIGHT | RESULT | Q | RL    | MDL   |
|-----------|----------------------------------|------------------|--------|---|-------|-------|
| 75-71-8   | Dichlorodifluoromethane          | 120.91           | 0.28   | J | 0.50  | 0.11  |
| 75-45-6   | Chlorodifluoromethane            | 86.47            | 0.50   | U | 0.50  | 0.12  |
| 76-14-2   | 1,2-Dichlorotetrafluoroethane    | 170.92           | 0.20   | U | 0.20  | 0.035 |
| 74-87-3   | Chloromethane                    | 50.49            | 0.50   | U | 0.50  | 0.11  |
| 106-97-8  | n-Butane                         | 58.12            | 40     |   | 0.50  | 0.11  |
| 75-01-4   | Vinyl chloride                   | 62.50            | 0.078  | U | 0.078 | 0.044 |
| 106-99-0  | 1,3-Butadiene                    | 54.09            | 4.2    |   | 0.20  | 0.057 |
| 74-83-9   | Bromomethane                     | 94.94            | 0.20   | U | 0.20  | 0.051 |
| 75-00-3   | Chloroethane                     | 64.52            | 0.50   | U | 0.50  | 0.054 |
| 593-60-2  | Bromoethene (Vinyl Bromide)      | 106.96           | 0.20   | U | 0.20  | 0.052 |
| 75-69-4   | Trichlorofluoromethane           | 137.37           | 0.13   | J | 0.20  | 0.060 |
| 76-13-1   | 1,1,2-Trichlorotrifluoroethane   | 187.38           | 0.089  | J | 0.20  | 0.038 |
| 75-35-4   | 1,1-Dichloroethene               | 96.94            | 0.050  | U | 0.050 | 0.039 |
| 67-64-1   | Acetone                          | 58.08            | 9.9    |   | 5.0   | 1.2   |
| 67-63-0   | Isopropyl alcohol                | 60.10            | 0.89   | J | 5.0   | 0.48  |
| 75-15-0   | Carbon disulfide                 | 76.14            | 2.5    |   | 0.50  | 0.074 |
| 107-05-1  | 3-Chloropropene                  | 76.53            | 0.50   | U | 0.50  | 0.064 |
| 75-09-2   | Methylene Chloride               | 84.93            | 0.50   | U | 0.50  | 0.27  |
| 75-65-0   | tert-Butyl alcohol               | 74.12            | 5.0    | U | 5.0   | 0.038 |
| 1634-04-4 | Methyl tert-butyl ether          | 88.15            | 0.20   | U | 0.20  | 0.033 |
| 156-60-5  | trans-1,2-Dichloroethene         | 96.94            | 0.20   | U | 0.20  | 0.042 |
| 110-54-3  | n-Hexane                         | 86.17            | 6.6    |   | 0.20  | 0.20  |
| 75-34-3   | 1,1-Dichloroethane               | 98.96            | 0.20   | U | 0.20  | 0.041 |
| 78-93-3   | Methyl Ethyl Ketone (2-Butanone) | 72.11            | 2.5    |   | 0.50  | 0.072 |
| 156-59-2  | cis-1,2-Dichloroethene           | 96.94            | 0.050  | U | 0.050 | 0.045 |
| 67-66-3   | Chloroform                       | 119.38           | 0.20   | U | 0.20  | 0.032 |
| 109-99-9  | Tetrahydrofuran                  | 72.11            | 5.0    | U | 5.0   | 0.066 |
| 71-55-6   | 1,1,1-Trichloroethane            | 133.41           | 0.20   | U | 0.20  | 0.036 |
| 110-82-7  | Cyclohexane                      | 84.16            | 2.5    |   | 0.20  | 0.046 |
| 56-23-5   | Carbon tetrachloride             | 153.81           | 0.035  | U | 0.035 | 0.024 |
| 540-84-1  | 2,2,4-Trimethylpentane           | 114.23           | 0.87   |   | 0.20  | 0.041 |
| 71-43-2   | Benzene                          | 78.11            | 3.2    |   | 0.20  | 0.067 |
| 107-06-2  | 1,2-Dichloroethane               | 98.96            | 0.20   | U | 0.20  | 0.032 |

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

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-56451-1

SDG No.: 200-56451-1

Client Sample ID: SG-206 Lab Sample ID: 200-56451-6

Matrix: Air Lab File ID: 44136-07.D

Analysis Method: TO-15 Date Collected: 12/09/2020 14:54

Sample wt/vol: 200 (mL) Date Analyzed: 12/18/2020 16:29

Soil Aliquot Vol: \_\_\_\_\_ Dilution Factor: 1

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

% Moisture: \_\_\_\_\_ Level: (low/med) Low

Analysis Batch No.: 162248 Units: ppb v/v

| CAS NO.     | COMPOUND NAME                                    | MOLECULAR WEIGHT | RESULT | Q | RL    | MDL   |
|-------------|--------------------------------------------------|------------------|--------|---|-------|-------|
| 142-82-5    | n-Heptane                                        | 100.21           | 3.8    |   | 0.20  | 0.056 |
| 79-01-6     | Trichloroethene                                  | 131.39           | 2.3    |   | 0.037 | 0.035 |
| 80-62-6     | Methyl methacrylate                              | 100.12           | 0.50   | U | 0.50  | 0.033 |
| 78-87-5     | 1,2-Dichloropropane                              | 112.99           | 0.20   | U | 0.20  | 0.033 |
| 123-91-1    | 1,4-Dioxane                                      | 88.11            | 5.0    | U | 5.0   | 0.084 |
| 75-27-4     | Bromodichloromethane                             | 163.83           | 0.20   | U | 0.20  | 0.035 |
| 10061-01-5  | cis-1,3-Dichloropropene                          | 110.97           | 0.20   | U | 0.20  | 0.032 |
| 108-10-1    | 4-Methyl-2-pentanone<br>(Methyl isobutyl ketone) | 100.16           | 0.63   |   | 0.50  | 0.036 |
| 108-88-3    | Toluene                                          | 92.14            | 4.5    |   | 0.20  | 0.11  |
| 10061-02-6  | trans-1,3-Dichloropropene                        | 110.97           | 0.20   | U | 0.20  | 0.039 |
| 79-00-5     | 1,1,2-Trichloroethane                            | 133.41           | 0.20   | U | 0.20  | 0.036 |
| 127-18-4    | Tetrachloroethene                                | 165.83           | 33     |   | 0.20  | 0.033 |
| 591-78-6    | Methyl Butyl Ketone<br>(2-Hexanone)              | 100.20           | 1.1    |   | 0.50  | 0.048 |
| 124-48-1    | Dibromochloromethane                             | 208.28           | 0.20   | U | 0.20  | 0.036 |
| 106-93-4    | 1,2-Dibromoethane                                | 187.87           | 0.20   | U | 0.20  | 0.049 |
| 108-90-7    | Chlorobenzene                                    | 112.56           | 0.20   | U | 0.20  | 0.056 |
| 100-41-4    | Ethylbenzene                                     | 106.17           | 0.88   |   | 0.20  | 0.063 |
| 179601-23-1 | m,p-Xylene                                       | 106.17           | 3.5    |   | 0.50  | 0.10  |
| 95-47-6     | o-Xylene                                         | 106.17           | 1.1    |   | 0.20  | 0.048 |
| 100-42-5    | Styrene                                          | 104.15           | 0.15   | J | 0.20  | 0.040 |
| 75-25-2     | Bromoform                                        | 252.75           | 0.20   | U | 0.20  | 0.048 |
| 98-82-8     | Cumene                                           | 120.19           | 0.10   | J | 0.20  | 0.035 |
| 79-34-5     | 1,1,2,2-Tetrachloroethane                        | 167.85           | 0.20   | U | 0.20  | 0.042 |
| 103-65-1    | n-Propylbenzene                                  | 120.19           | 0.20   |   | 0.20  | 0.039 |
| 622-96-8    | 4-Ethyltoluene                                   | 120.20           | 0.24   |   | 0.20  | 0.041 |
| 108-67-8    | 1,3,5-Trimethylbenzene                           | 120.20           | 0.44   |   | 0.20  | 0.039 |
| 95-49-8     | 2-Chlorotoluene                                  | 126.59           | 0.20   | U | 0.20  | 0.042 |
| 98-06-6     | tert-Butylbenzene                                | 134.22           | 0.20   | U | 0.20  | 0.035 |
| 95-63-6     | 1,2,4-Trimethylbenzene                           | 120.20           | 1.1    |   | 0.20  | 0.044 |
| 135-98-8    | sec-Butylbenzene                                 | 134.22           | 0.045  | J | 0.20  | 0.035 |
| 99-87-6     | 4-Isopropyltoluene                               | 134.22           | 0.050  | J | 0.20  | 0.039 |
| 541-73-1    | 1,3-Dichlorobenzene                              | 147.00           | 0.20   | U | 0.20  | 0.11  |
| 106-46-7    | 1,4-Dichlorobenzene                              | 147.00           | 0.20   | U | 0.20  | 0.12  |

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

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-56451-1  
 SDG No.: 200-56451-1  
 Client Sample ID: SG-206 Lab Sample ID: 200-56451-6  
 Matrix: Air Lab File ID: 44136-07.D  
 Analysis Method: TO-15 Date Collected: 12/09/2020 14:54  
 Sample wt/vol: 200 (mL) Date Analyzed: 12/18/2020 16:29  
 Soil Aliquot Vol:                      Dilution Factor: 1  
 Soil Extract Vol.:                      GC Column: RTX-624 ID: 0.32 (mm)  
 % Moisture:                      Level: (low/med) Low  
 Analysis Batch No.: 162248 Units: ppb v/v

| CAS NO.  | COMPOUND NAME          | MOLECULAR WEIGHT | RESULT | Q | RL   | MDL   |
|----------|------------------------|------------------|--------|---|------|-------|
| 100-44-7 | Benzyl chloride        | 126.58           | 0.20   | U | 0.20 | 0.085 |
| 104-51-8 | n-Butylbenzene         | 134.22           | 0.071  | J | 0.20 | 0.039 |
| 95-50-1  | 1,2-Dichlorobenzene    | 147.00           | 0.20   | U | 0.20 | 0.097 |
| 120-82-1 | 1,2,4-Trichlorobenzene | 181.45           | 0.50   | U | 0.50 | 0.22  |
| 87-68-3  | Hexachlorobutadiene    | 260.76           | 0.20   | U | 0.20 | 0.076 |
| 91-20-3  | Naphthalene            | 128.17           | 0.50   | U | 0.50 | 0.17  |

Eurofins TestAmerica, Burlington  
Target Compound Quantitation Report

Data File: \\chromfs\Burlington\ChromData\CHC.i\20201218-44136.b\44136-07.D  
 Lims ID: 200-56451-A-6  
 Client ID: SG-206  
 Sample Type: Client  
 Inject. Date: 18-Dec-2020 16:29:30 ALS Bottle#: 7 Worklist Smp#: 7  
 Purge Vol: 200.000 mL Dil. Factor: 1.0000  
 Sample Info: 200-0044136-007  
 Misc. Info.: 56451-6  
 Operator ID: vtp Instrument ID: CHC.i  
 Method: \\chromfs\Burlington\ChromData\CHC.i\20201218-44136.b\TO15\_MasterMethod\_(v1)\_CHC.i.m  
 Limit Group: AI\_TO15\_ICAL  
 Last Update: 21-Dec-2020 15:16:51 Calib Date: 18-Dec-2020 04:03:30  
 Integrator: RTE ID Type: Deconvolution ID  
 Quant Method: Internal Standard Quant By: Initial Calibration  
 Last ICal File: \\chromfs\Burlington\ChromData\CHC.i\20201217-44129.b\44129-14.D  
 Column 1 : RTX-624 ( 0.32 mm) Det: MS SCAN  
 Process Host: CTX1658

First Level Reviewer: puangmaleek

Date: 21-Dec-2020 15:16:51

| Compound                           | Sig | RT (min.) | Adj RT (min.) | Dlt RT (min.) | Q   | Response | OnCol Amt ppb v/v | Flags |
|------------------------------------|-----|-----------|---------------|---------------|-----|----------|-------------------|-------|
| 2 Dichlorodifluoromethane          | 85  | 2.891     | 2.897         | -0.006        | 98  | 24596    | 0.2823            |       |
| 3 Chlorodifluoromethane            | 51  |           | 2.934         |               |     |          | ND                | U     |
| 4 1,2-Dichloro-1,1,2,2-tetrafluoro | 85  |           | 3.137         |               |     |          | ND                |       |
| 5 Chloromethane                    | 50  |           | 3.244         |               |     |          | ND                | U     |
| 6 Butane                           | 43  | 3.436     | 3.436         | 0.000         | 99  | 1104111  | 39.7              |       |
| 7 Vinyl chloride                   | 62  |           | 3.463         |               |     |          | ND                | U     |
| 8 Butadiene                        | 54  | 3.532     | 3.537         | -0.005        | 94  | 71749    | 4.16              |       |
| 10 Bromomethane                    | 94  |           | 4.140         |               |     |          | ND                | 7     |
| 11 Chloroethane                    | 64  |           | 4.359         |               |     |          | ND                | 7     |
| 13 Vinyl bromide                   | 106 |           | 4.733         |               |     |          | ND                | 7     |
| 14 Trichlorofluoromethane          | 101 | 4.850     | 4.850         | 0.000         | 74  | 11893    | 0.1326            |       |
| 20 1,1,2-Trichloro-1,2,2-trifluoro | 101 | 5.907     | 5.912         | -0.005        | 60  | 5598     | 0.0893            |       |
| 21 1,1-Dichloroethene              | 96  |           | 5.917         |               |     |          | ND                | U     |
| 22 Acetone                         | 43  | 6.158     | 6.147         | 0.011         | 99  | 359904   | 9.87              |       |
| 23 Carbon disulfide                | 76  | 6.286     | 6.280         | 0.006         | 99  | 179181   | 2.54              |       |
| 24 Isopropyl alcohol               | 45  | 6.579     | 6.531         | 0.048         | 96  | 31415    | 0.8853            |       |
| 25 3-Chloro-1-propene              | 41  |           | 6.681         |               |     |          | ND                | U     |
| 27 Methylene Chloride              | 49  |           | 6.958         |               |     |          | ND                | U     |
| 28 2-Methyl-2-propanol             | 59  |           | 7.326         |               |     |          | ND                | U     |
| 31 trans-1,2-Dichloroethene        | 61  |           | 7.417         |               |     |          | ND                | 7     |
| 29 Methyl tert-butyl ether         | 73  |           | 7.438         |               |     |          | ND                | 7     |
| 33 Hexane                          | 57  | 7.849     | 7.849         | 0.000         | 88  | 239606   | 6.60              |       |
| 34 1,1-Dichloroethane              | 63  |           | 8.250         |               |     |          | ND                | U     |
| 37 cis-1,2-Dichloroethene          | 96  |           | 9.349         |               |     |          | ND                | 7     |
| 38 2-Butanone (MEK)                | 72  | 9.445     | 9.408         | 0.037         | 100 | 33423    | 2.54              |       |
| * 40 Chlorobromomethane            | 128 | 9.787     | 9.787         | 0.000         | 77  | 540595   | 20.0              |       |
| 41 Tetrahydrofuran                 | 42  |           | 9.867         |               |     |          | ND                |       |
| 42 Chloroform                      | 83  |           | 9.947         |               |     |          | ND                | U     |
| 44 1,1,1-Trichloroethane           | 97  |           | 10.219        |               |     |          | ND                | 7     |
| 43 Cyclohexane                     | 84  | 10.219    | 10.224        | -0.005        | 92  | 113472   | 2.54              |       |
| 45 Carbon tetrachloride            | 117 |           | 10.486        |               |     |          | ND                | U     |

| Compound                       | Sig | RT (min.) | Adj RT (min.) | Dlt RT (min.) | Q  | Response | OnCol Amt ppb v/v | Flags |
|--------------------------------|-----|-----------|---------------|---------------|----|----------|-------------------|-------|
| 47 Benzene                     | 78  | 10.908    | 10.913        | -0.005        | 98 | 345837   | 3.19              |       |
| 46 Isooctane                   | 57  | 10.961    | 10.966        | -0.005        | 97 | 140216   | 0.8697            |       |
| 48 1,2-Dichloroethane          | 62  |           | 11.068        |               |    |          | ND                |       |
| 49 n-Heptane                   | 43  | 11.361    | 11.366        | -0.005        | 94 | 251999   | 3.85              |       |
| * 50 1,4-Difluorobenzene       | 114 | 11.761    | 11.761        | 0.000         | 94 | 3150113  | 20.0              |       |
| 53 Trichloroethene             | 95  | 12.236    | 12.236        | 0.000         | 98 | 138603   | 2.28              |       |
| 54 1,2-Dichloropropane         | 63  |           | 12.738        |               |    |          | ND                | U     |
| 55 Methyl methacrylate         | 69  |           | 12.978        |               |    |          | ND                | U     |
| 56 1,4-Dioxane                 | 88  |           | 13.048        |               |    |          | ND                | 7     |
| 58 Dichlorobromomethane        | 83  |           | 13.320        |               |    |          | ND                |       |
| 60 cis-1,3-Dichloropropene     | 75  |           | 14.280        |               |    |          | ND                | 7     |
| 61 4-Methyl-2-pentanone (MIBK) | 43  | 14.649    | 14.617        | 0.032         | 93 | 67216    | 0.6304            |       |
| 65 Toluene                     | 92  | 14.894    | 14.894        | 0.000         | 93 | 499538   | 4.46              |       |
| 66 trans-1,3-Dichloropropene   | 75  |           | 15.487        |               |    |          | ND                | 7     |
| 67 1,1,2-Trichloroethane       | 83  |           | 15.849        |               |    |          | ND                | U     |
| 68 Tetrachloroethene           | 166 | 16.015    | 16.015        | 0.000         | 96 | 3903542  | 32.7              |       |
| 69 2-Hexanone                  | 43  | 16.373    | 16.367        | 0.005         | 93 | 116771   | 1.05              |       |
| 71 Chlorodibromomethane        | 129 |           | 16.618        |               |    |          | ND                |       |
| 72 Ethylene Dibromide          | 107 |           | 16.874        |               |    |          | ND                |       |
| * 74 Chlorobenzene-d5          | 117 | 17.803    | 17.803        | 0.000         | 86 | 3704076  | 20.0              |       |
| 75 Chlorobenzene               | 112 |           | 17.861        |               |    |          | ND                | U     |
| 76 Ethylbenzene                | 91  | 18.038    | 18.038        | 0.000         | 98 | 239268   | 0.8829            |       |
| 78 m-Xylene & p-Xylene         | 106 | 18.288    | 18.294        | -0.006        | 0  | 358964   | 3.51              |       |
| 79 o-Xylene                    | 106 | 19.126    | 19.126        | 0.000         | 99 | 115241   | 1.14              |       |
| 80 Styrene                     | 104 | 19.174    | 19.174        | 0.000         | 91 | 24102    | 0.1524            |       |
| 81 Bromoform                   | 173 |           | 19.591        |               |    |          | ND                | 7     |
| 82 Isopropylbenzene            | 105 | 19.874    | 19.873        | 0.001         | 92 | 32804    | 0.1039            |       |
| 84 1,1,2,2-Tetrachloroethane   | 83  |           | 20.557        |               |    |          | ND                | U     |
| 85 N-Propylbenzene             | 91  | 20.663    | 20.663        | 0.000         | 99 | 76656    | 0.2046            |       |
| 89 2-Chlorotoluene             | 91  |           | 20.861        |               |    |          | ND                | U     |
| 88 4-Ethyltoluene              | 105 | 20.872    | 20.871        | 0.001         | 97 | 76068    | 0.2383            |       |
| 90 1,3,5-Trimethylbenzene      | 105 | 20.984    | 20.989        | -0.005        | 94 | 124582   | 0.4435            |       |
| 92 tert-Butylbenzene           | 119 |           | 21.507        |               |    |          | ND                |       |
| 93 1,2,4-Trimethylbenzene      | 105 | 21.608    | 21.608        | 0.000         | 98 | 300410   | 1.07              |       |
| 94 sec-Butylbenzene            | 105 | 21.859    | 21.853        | 0.006         | 97 | 18085    | 0.0451            |       |
| 95 4-Isopropyltoluene          | 119 | 22.072    | 22.072        | 0.000         | 92 | 17695    | 0.0500            |       |
| 96 1,3-Dichlorobenzene         | 146 | 22.072    | 22.078        | -0.006        | 60 | 4682     | 0.0242            |       |
| 97 1,4-Dichlorobenzene         | 146 | 22.222    | 22.216        | 0.006         | 44 | 5465     | 0.0277            |       |
| 98 Benzyl chloride             | 91  |           | 22.409        |               |    |          | ND                | U     |
| 100 n-Butylbenzene             | 91  | 22.649    | 22.654        | -0.005        | 90 | 22509    | 0.0713            |       |
| 101 1,2-Dichlorobenzene        | 146 |           | 22.745        |               |    |          | ND                | U     |
| 103 1,2,4-Trichlorobenzene     | 180 | 25.088    | 25.082        | 0.006         | 95 | 16475    | 0.0958            |       |
| 104 Hexachlorobutadiene        | 225 | 25.285    | 25.285        | 0.000         | 48 | 6177     | 0.0274            |       |
| 105 Naphthalene                | 128 | 25.493    | 25.493        | 0.000         | 98 | 51137    | 0.1545            |       |

**QC Flag Legend**

Processing Flags

7 - Failed Limit of Detection

Review Flags

U - Marked Undetected

**Reagents:**

ATTO15CISs\_00010

Amount Added: 40.00

Units: mL

Run Reagent

Report Date: 21-Dec-2020 15:16:52

Chrom Revision: 2.3 09-Dec-2020 16:22:14

Eurofins TestAmerica, Burlington

Data File: \\chromfs\Burlington\ChromData\CHC.i\20201218-44136.b\44136-07.D

Injection Date: 18-Dec-2020 16:29:30

Instrument ID: CHC.i

Operator ID: vtp

Lims ID: 200-56451-A-6

Lab Sample ID: 200-56451-6

Worklist Smp#: 7

Client ID: SG-206

Purge Vol: 200.000 mL

Dil. Factor: 1.0000

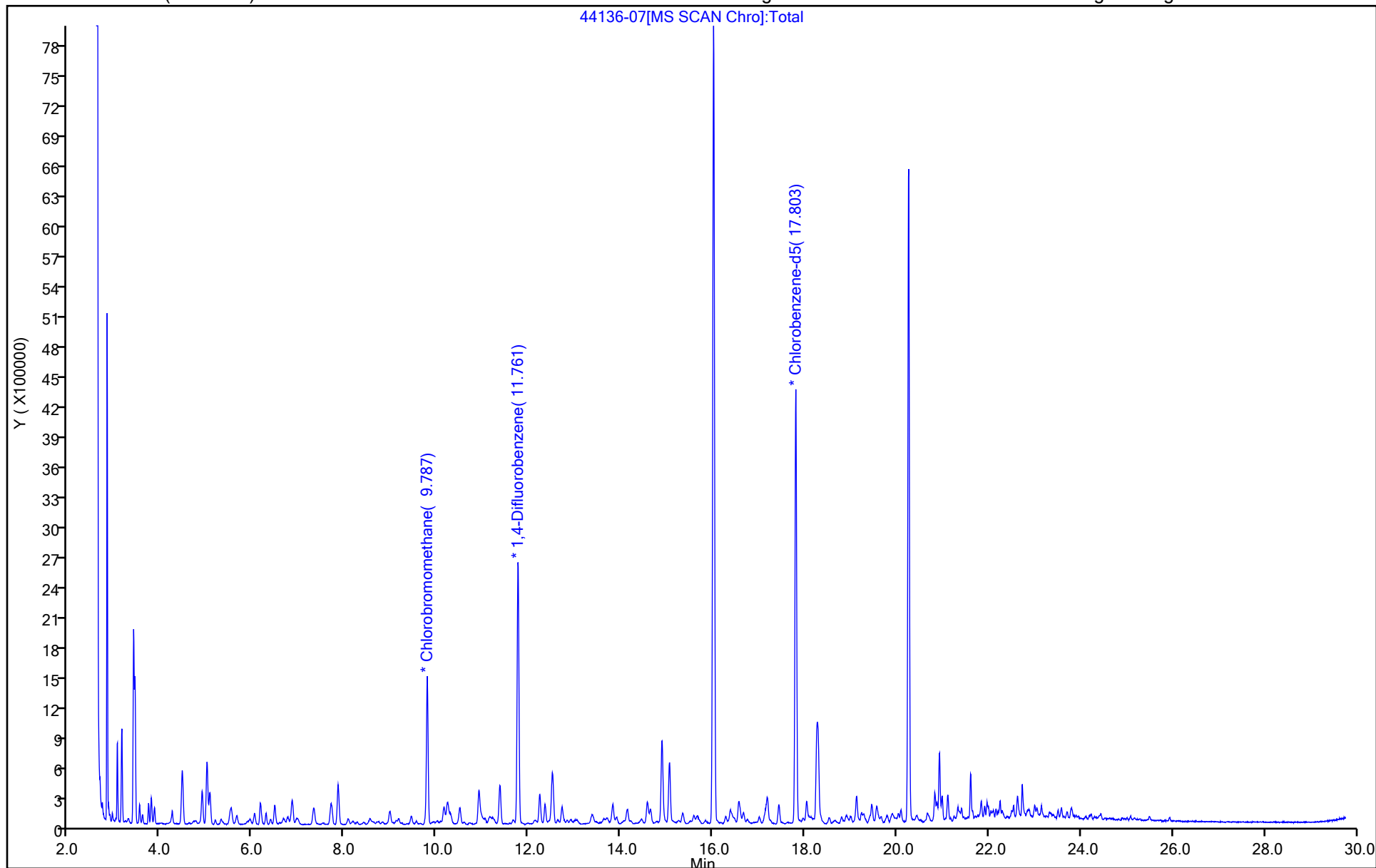
ALS Bottle#: 7

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 TestAmerica, Burlington

Data File: \\chromfs\Burlington\ChromData\CHC.i\20201218-44136.b\44136-07.D

Injection Date: 18-Dec-2020 16:29:30

Instrument ID: CHC.i

Lims ID: 200-56451-A-6

Lab Sample ID: 200-56451-6

Client ID: SG-206

Operator ID: vtp

ALS Bottle#: 7

Worklist Smp#: 7

Purge Vol: 200.000 mL

Dil. Factor: 1.0000

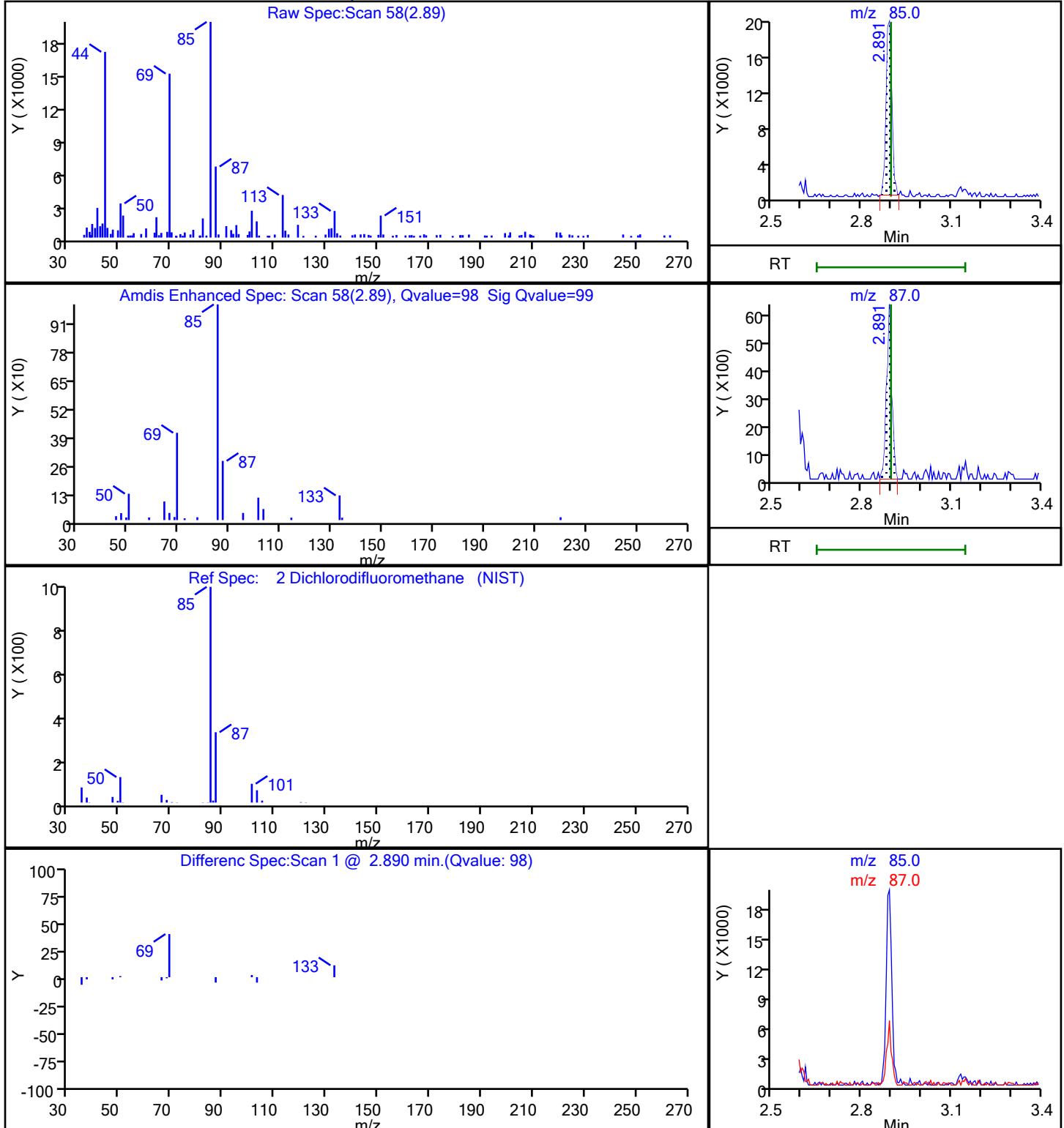
Method: TO15\_MasterMethod\_(v1)\_CHC.i

Limit Group: AI\_TO15\_ICAL

Column: RTX-624 ( 0.32 mm)

Detector: MS SCAN

## 2 Dichlorodifluoromethane, CAS: 75-71-8





## Eurofins TestAmerica, Burlington

Data File: \\chromfs\Burlington\ChromData\CHC.i\20201218-44136.b\44136-07.D

Injection Date: 18-Dec-2020 16:29:30

Instrument ID: CHC.i

Lims ID: 200-56451-A-6

Lab Sample ID: 200-56451-6

Client ID: SG-206

Operator ID: vtp

ALS Bottle#: 7

Worklist Smp#: 7

Purge Vol: 200.000 mL

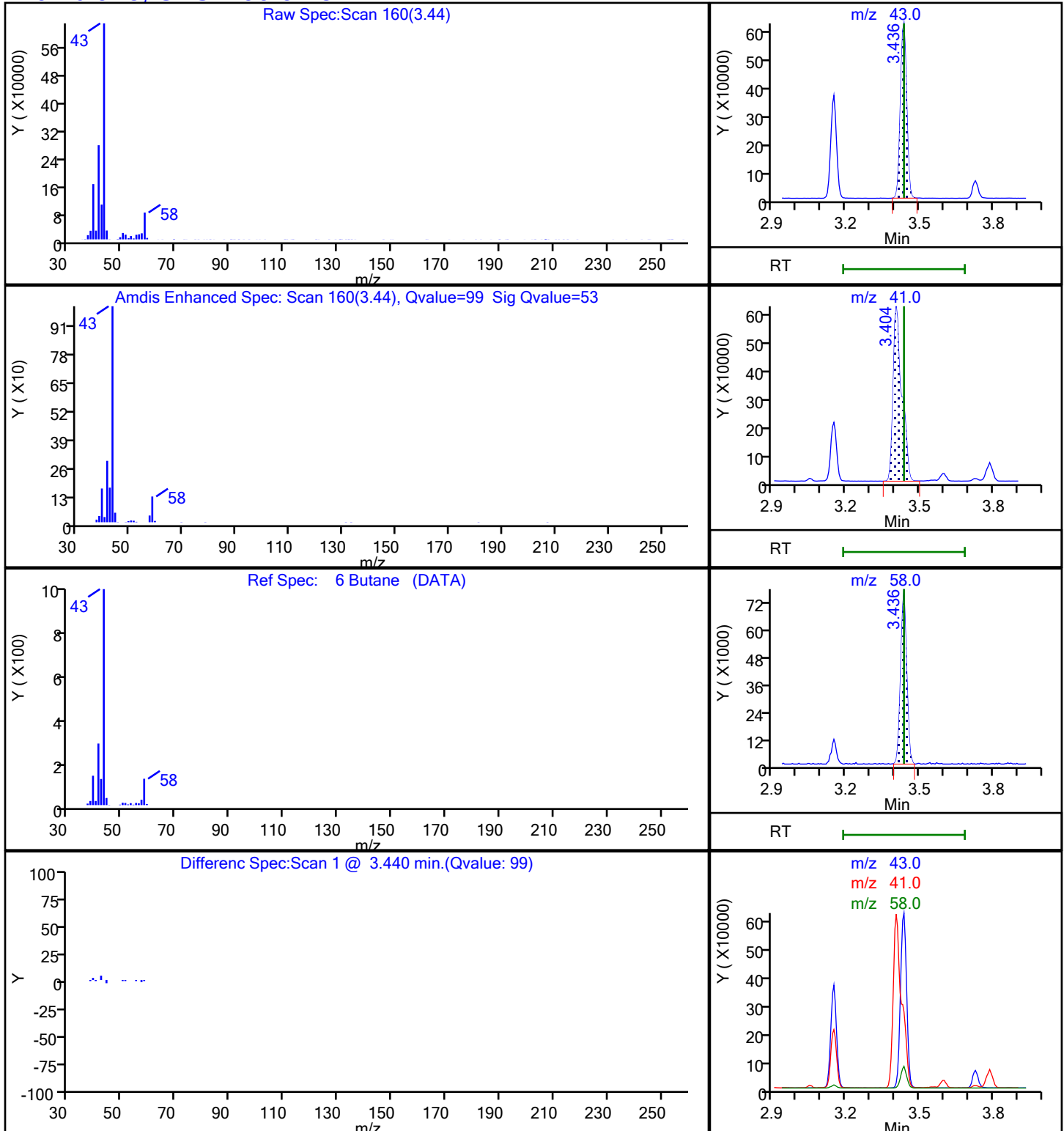
Dil. Factor: 1.0000

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**

## Eurofins TestAmerica, Burlington

Data File: \\chromfs\Burlington\ChromData\CHC.i\20201218-44136.b\44136-07.D

Injection Date: 18-Dec-2020 16:29:30

Instrument ID: CHC.i

Lims ID: 200-56451-A-6

Lab Sample ID: 200-56451-6

Client ID: SG-206

Operator ID: vtp

ALS Bottle#: 7

Worklist Smp#: 7

Purge Vol: 200.000 mL

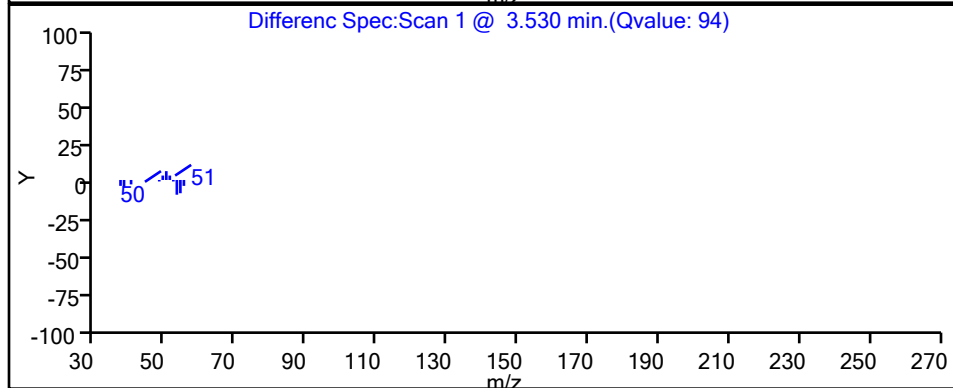
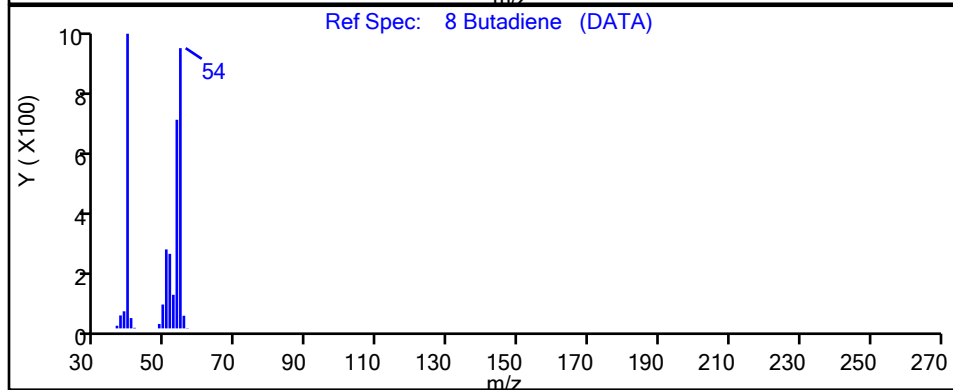
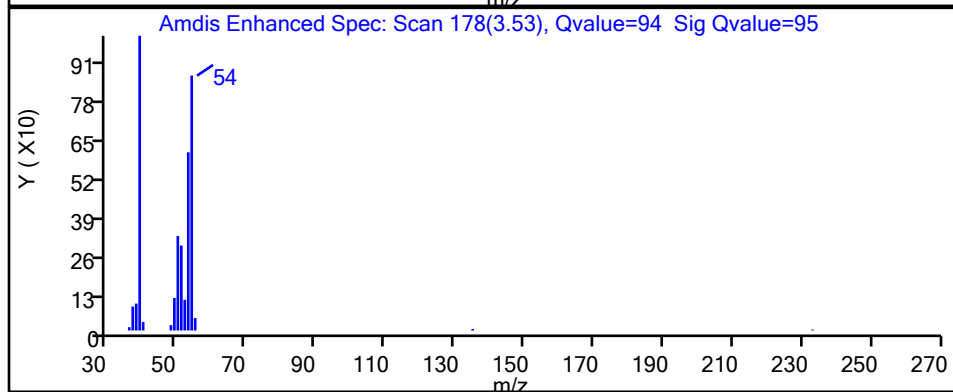
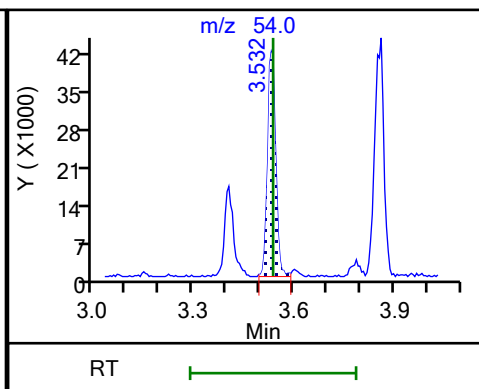
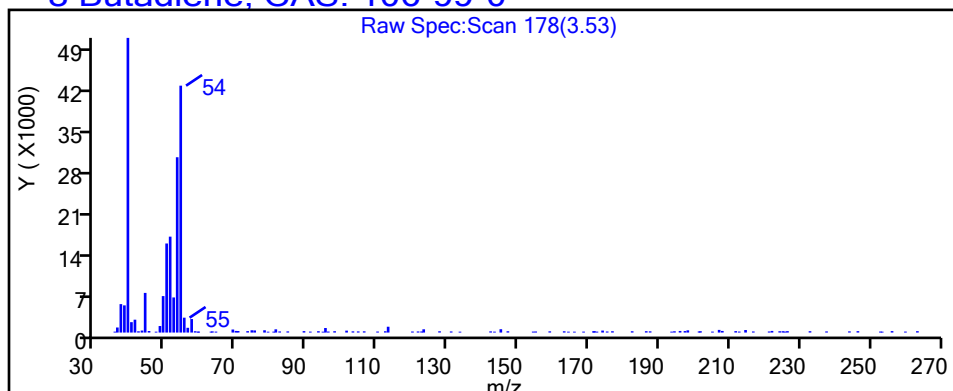
Dil. Factor: 1.0000

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**

## Eurofins TestAmerica, Burlington

Data File: \\chromfs\Burlington\ChromData\CHC.i\20201218-44136.b\44136-07.D

Injection Date: 18-Dec-2020 16:29:30

Instrument ID: CHC.i

Lims ID: 200-56451-A-6

Lab Sample ID: 200-56451-6

Client ID: SG-206

Operator ID: vtp

ALS Bottle#: 7

Worklist Smp#: 7

Purge Vol: 200.000 mL

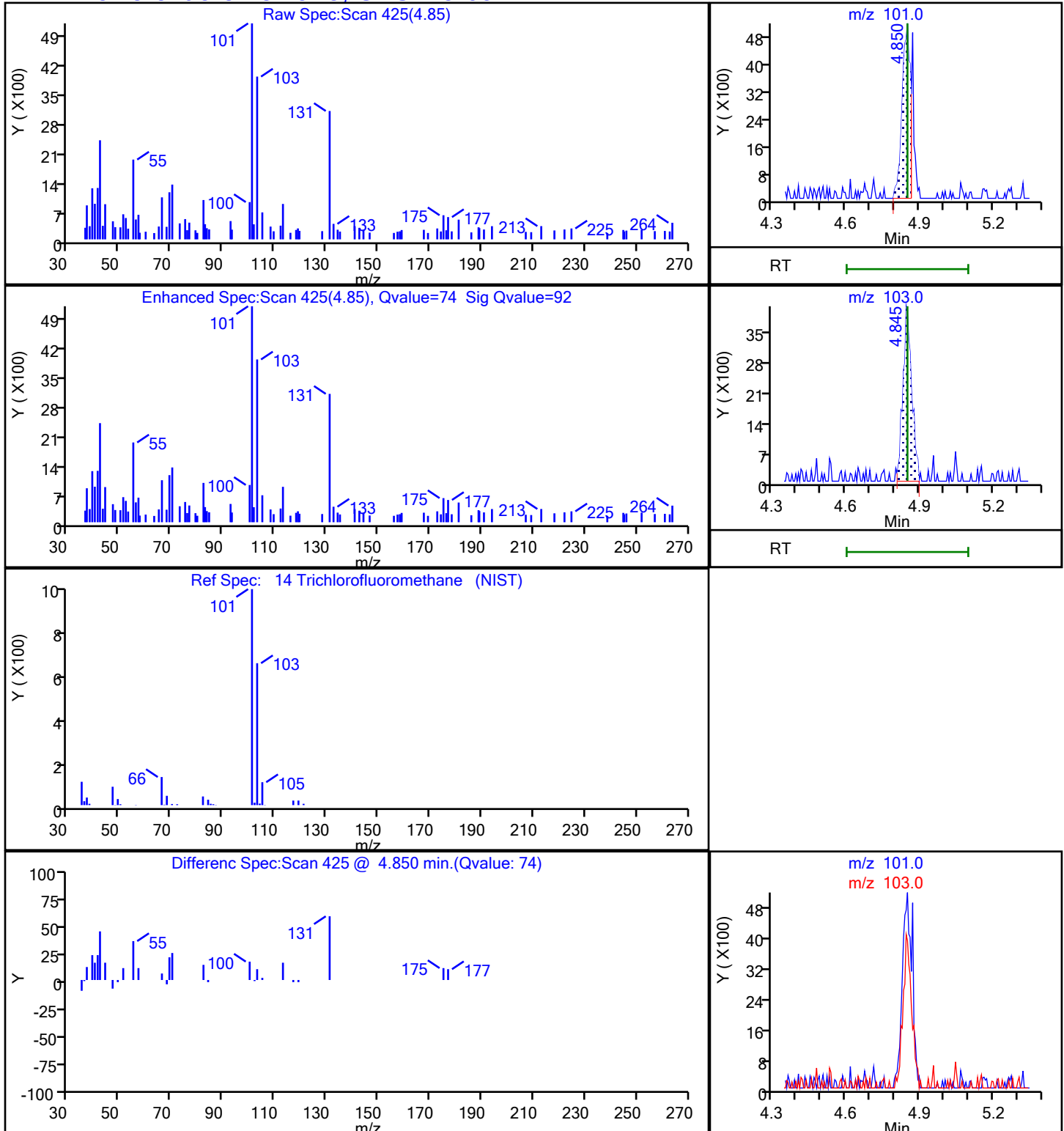
Dil. Factor: 1.0000

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**

## Eurofins TestAmerica, Burlington

Data File: \\chromfs\Burlington\ChromData\CHC.i\20201218-44136.b\44136-07.D

Injection Date: 18-Dec-2020 16:29:30

Instrument ID: CHC.i

Lims ID: 200-56451-A-6

Lab Sample ID: 200-56451-6

Client ID: SG-206

Operator ID: vtp

ALS Bottle#: 7

Worklist Smp#: 7

Purge Vol: 200.000 mL

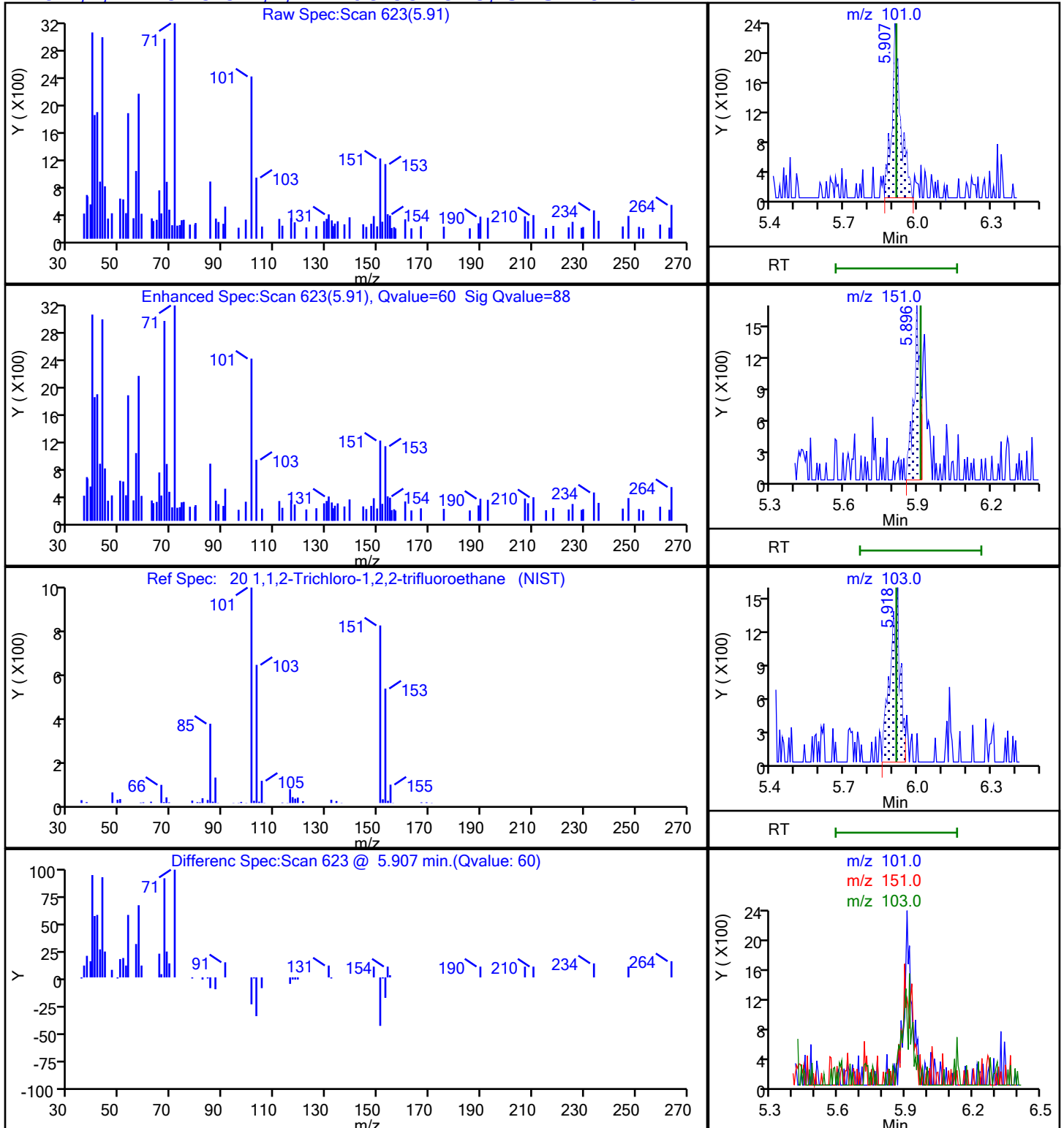
Dil. Factor: 1.0000

Method: TO15\_MasterMethod\_(v1)\_CHC.i

Limit Group: AI\_TO15\_ICAL

Column: RTX-624 ( 0.32 mm)

Detector: MS SCAN

**20 1,1,2-Trichloro-1,2,2-trifluoroethane, CAS: 76-13-1**

## Eurofins TestAmerica, Burlington

Data File: \\chromfs\Burlington\ChromData\CHC.i\20201218-44136.b\44136-07.D

Injection Date: 18-Dec-2020 16:29:30

Instrument ID: CHC.i

Lims ID: 200-56451-A-6

Lab Sample ID: 200-56451-6

Client ID: SG-206

Operator ID: vtp

ALS Bottle#: 7

Worklist Smp#: 7

Purge Vol: 200.000 mL

Dil. Factor: 1.0000

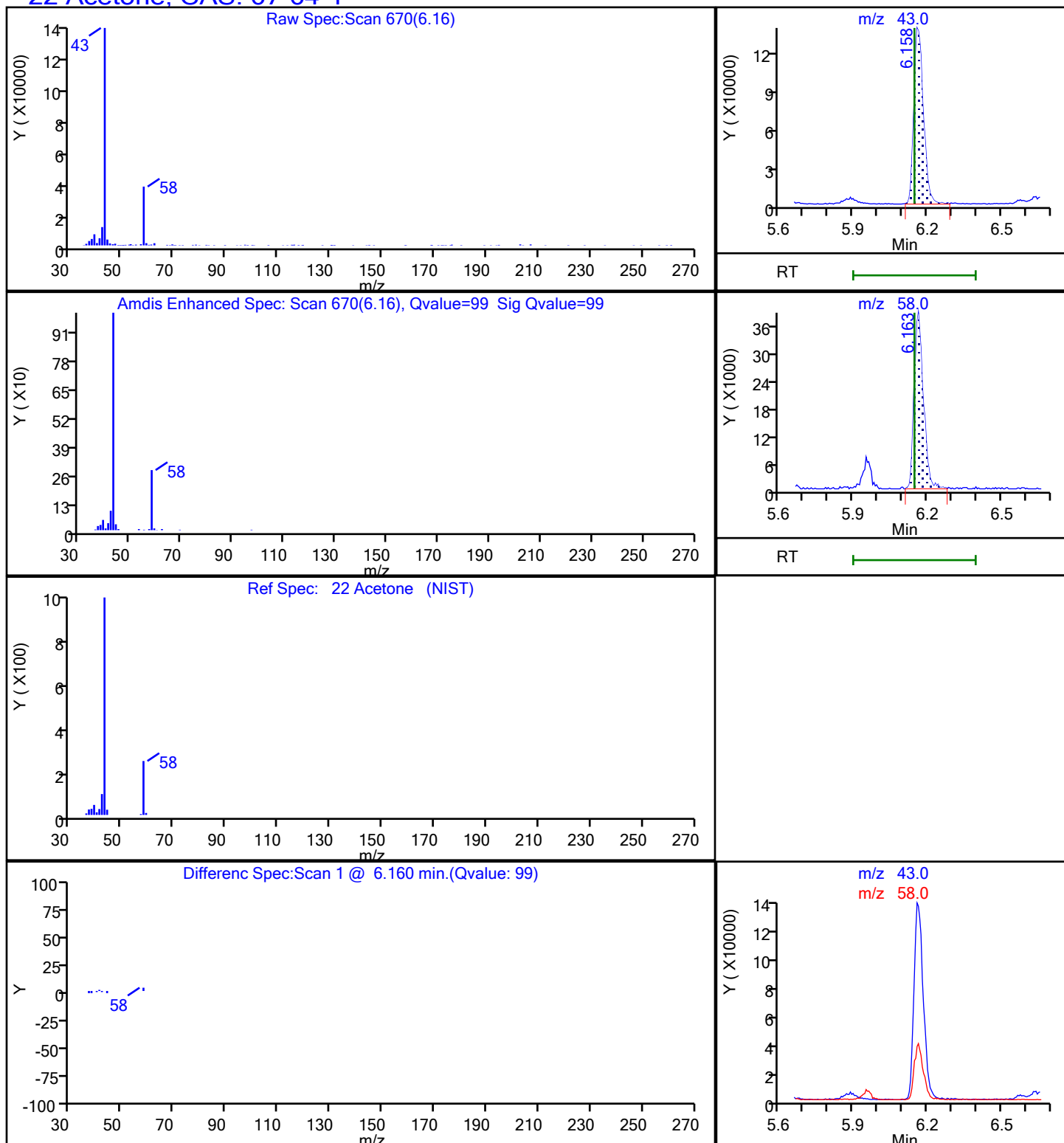
Method: TO15\_MasterMethod\_(v1)\_CHC.i

Limit Group: AI\_TO15\_ICAL

Column: RTX-624 (0.32 mm)

Detector: MS SCAN

## 22 Acetone, CAS: 67-64-1



## Eurofins TestAmerica, Burlington

Data File: \\chromfs\Burlington\ChromData\CHC.i\20201218-44136.b\44136-07.D

Injection Date: 18-Dec-2020 16:29:30

Instrument ID: CHC.i

Lims ID: 200-56451-A-6

Lab Sample ID: 200-56451-6

Client ID: SG-206

Operator ID: vtp

ALS Bottle#: 7

Worklist Smp#: 7

Purge Vol: 200.000 mL

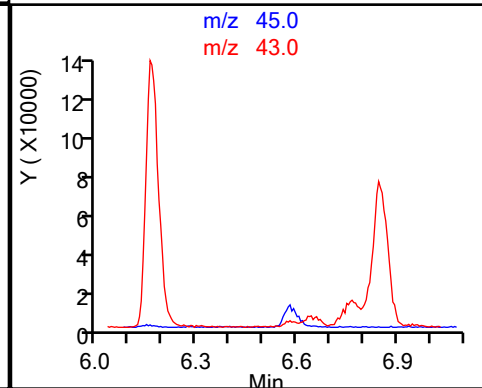
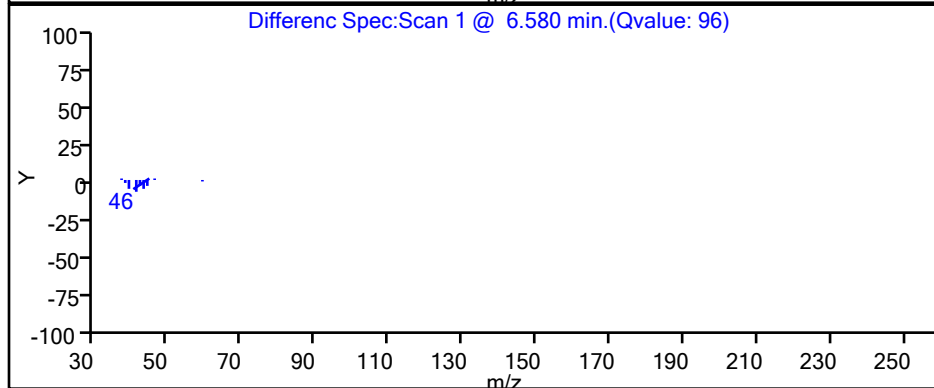
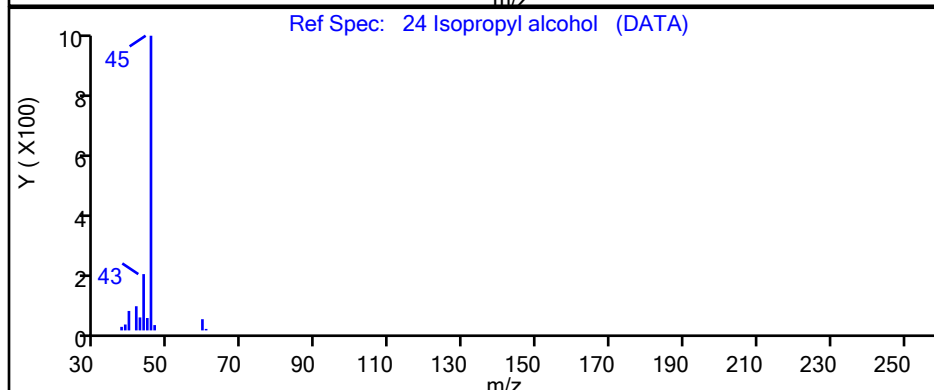
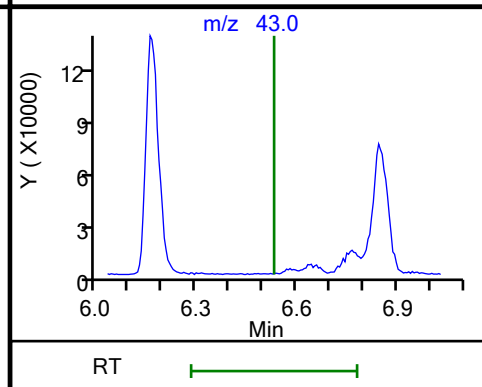
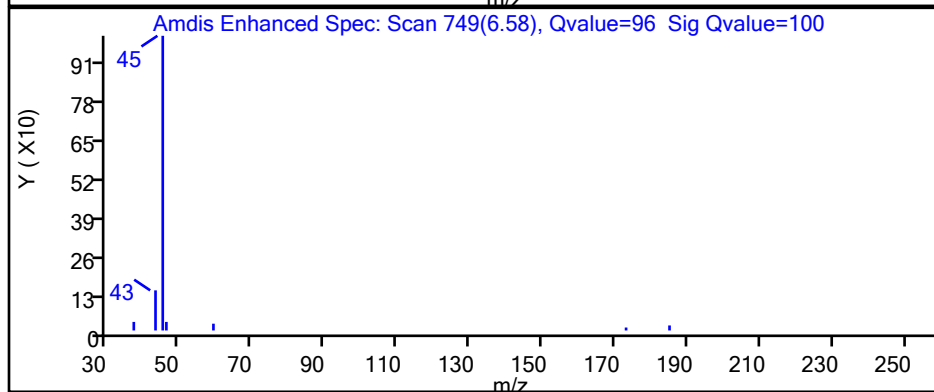
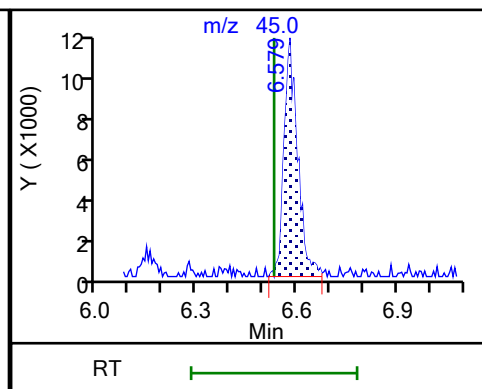
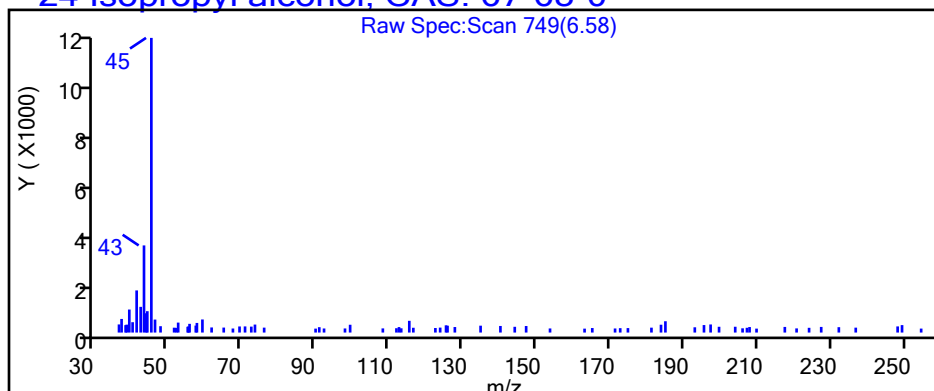
Dil. Factor: 1.0000

Method: TO15\_MasterMethod\_(v1)\_CHC.i

Limit Group: AI\_TO15\_ICAL

Column: RTX-624 ( 0.32 mm)

Detector: MS SCAN

**24 Isopropyl alcohol, CAS: 67-63-0**

## Eurofins TestAmerica, Burlington

Data File: \\chromfs\Burlington\ChromData\CHC.i\20201218-44136.b\44136-07.D

Injection Date: 18-Dec-2020 16:29:30

Instrument ID: CHC.i

Lims ID: 200-56451-A-6

Lab Sample ID: 200-56451-6

Client ID: SG-206

Operator ID: vtp

ALS Bottle#: 7

Worklist Smp#: 7

Purge Vol: 200.000 mL

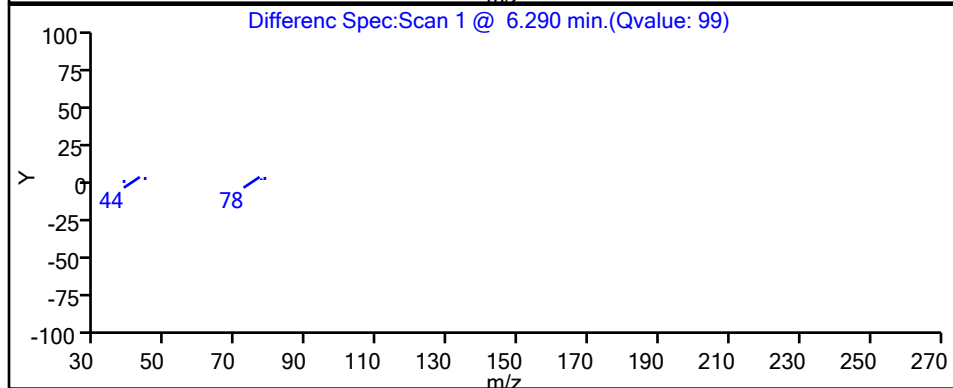
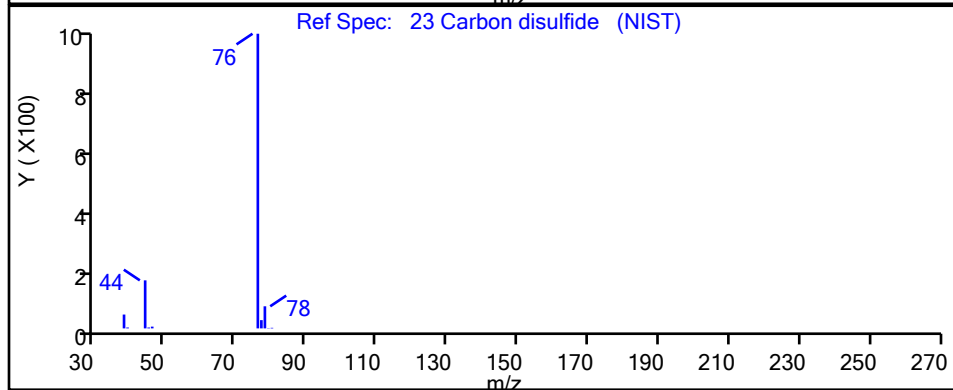
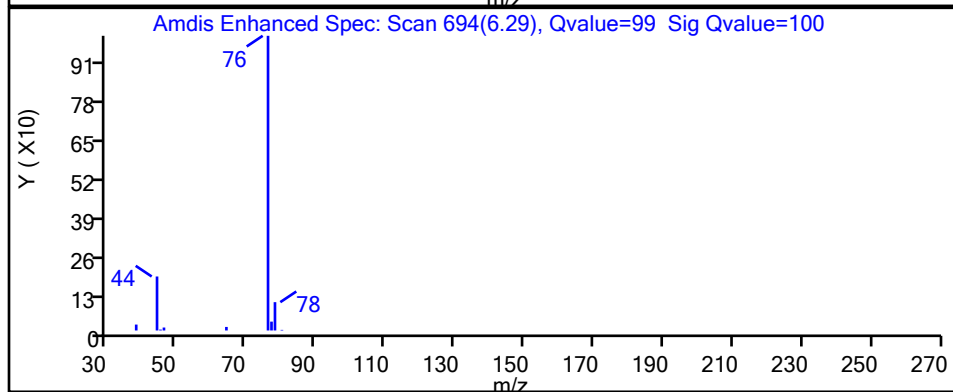
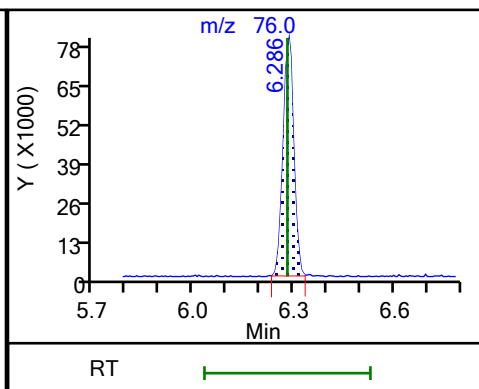
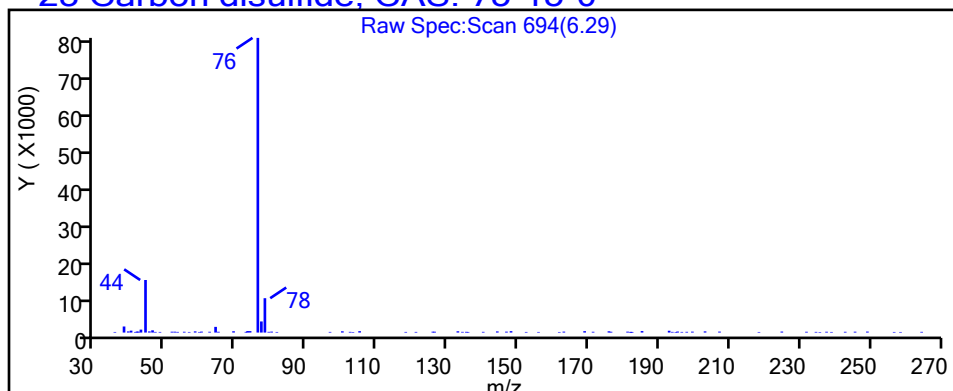
Dil. Factor: 1.0000

Method: TO15\_MasterMethod\_(v1)\_CHC.i

Limit Group: AI\_TO15\_ICAL

Column: RTX-624 ( 0.32 mm)

Detector: MS SCAN

**23 Carbon disulfide, CAS: 75-15-0**

## Eurofins TestAmerica, Burlington

Data File: \\chromfs\Burlington\ChromData\CHC.i\20201218-44136.b\44136-07.D

Injection Date: 18-Dec-2020 16:29:30

Instrument ID: CHC.i

Lims ID: 200-56451-A-6

Lab Sample ID: 200-56451-6

Client ID: SG-206

Operator ID: vtp

ALS Bottle#: 7

Worklist Smp#: 7

Purge Vol: 200.000 mL

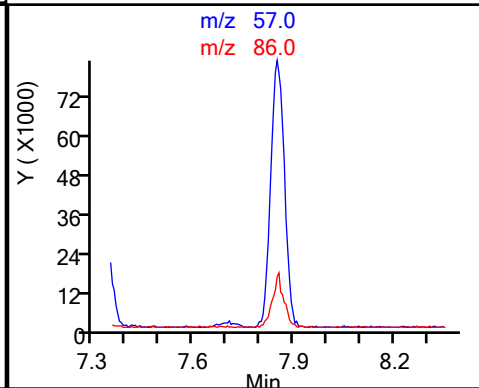
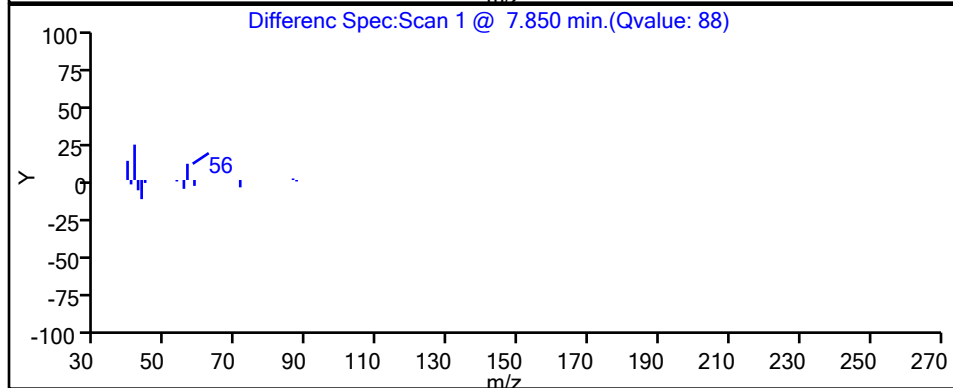
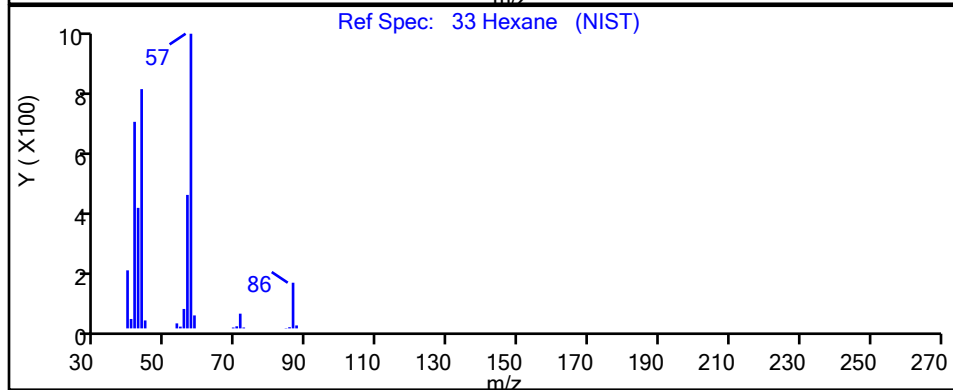
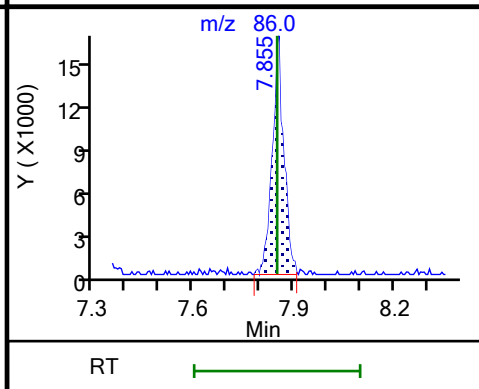
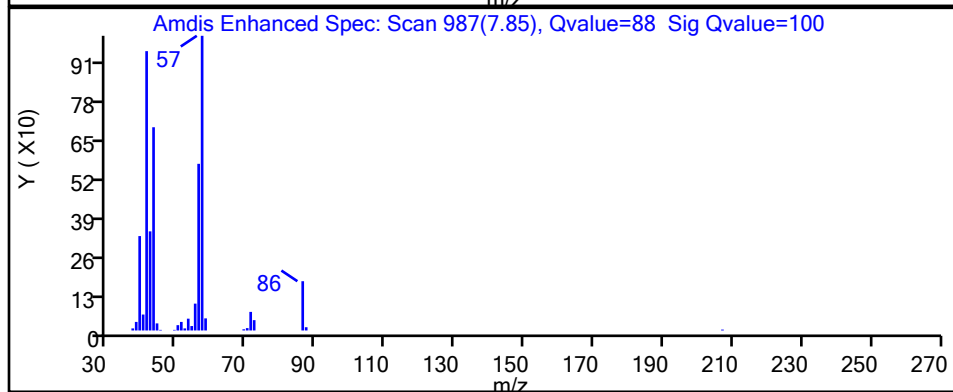
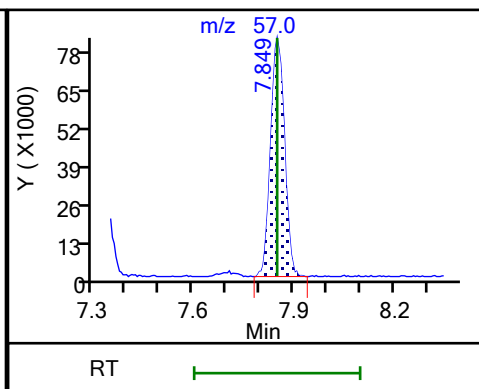
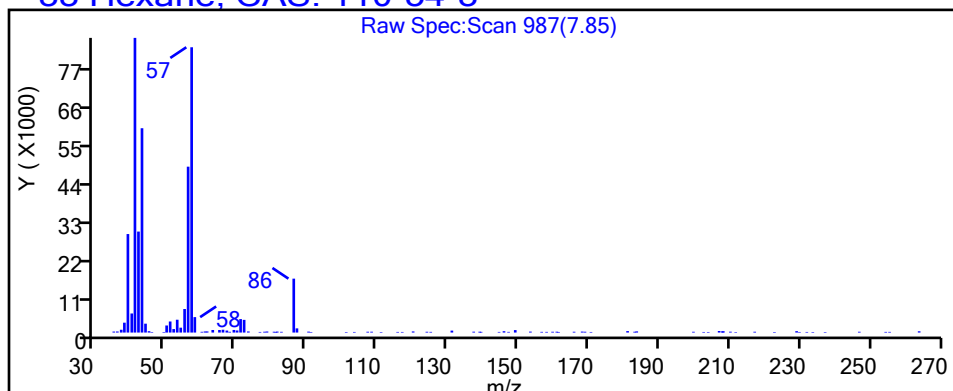
Dil. Factor: 1.0000

Method: TO15\_MasterMethod\_(v1)\_CHC.i

Limit Group: AI\_TO15\_ICAL

Column: RTX-624 (0.32 mm)

Detector: MS SCAN

**33 Hexane, CAS: 110-54-3**



## Eurofins TestAmerica, Burlington

Data File: \\chromfs\Burlington\ChromData\CHC.i\20201218-44136.b\44136-07.D

Injection Date: 18-Dec-2020 16:29:30

Instrument ID: CHC.i

Lims ID: 200-56451-A-6

Lab Sample ID: 200-56451-6

Client ID: SG-206

Operator ID: vtp

ALS Bottle#: 7

Worklist Smp#: 7

Purge Vol: 200.000 mL

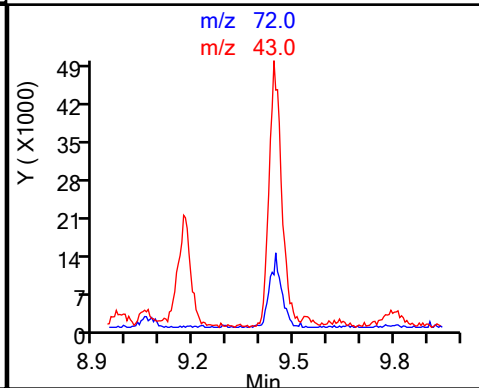
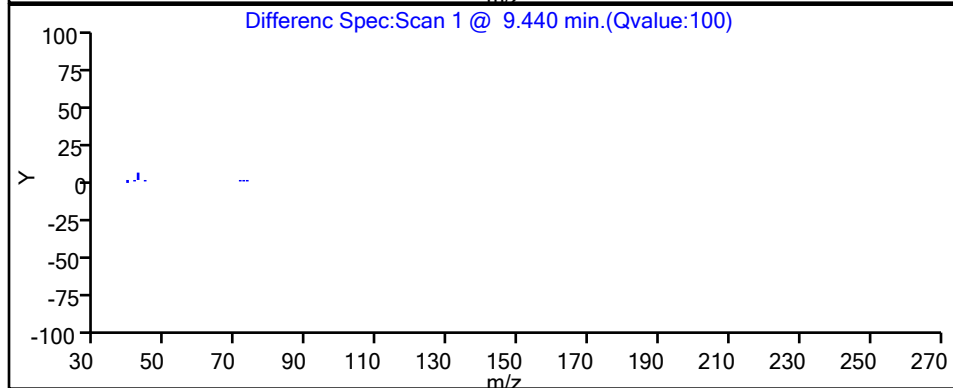
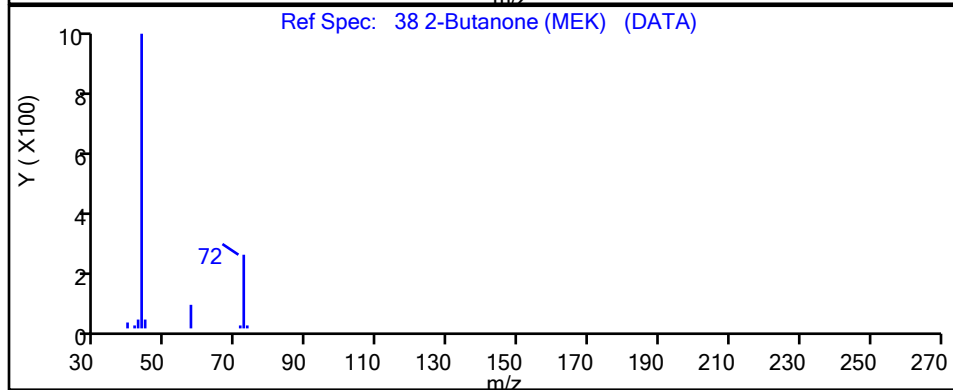
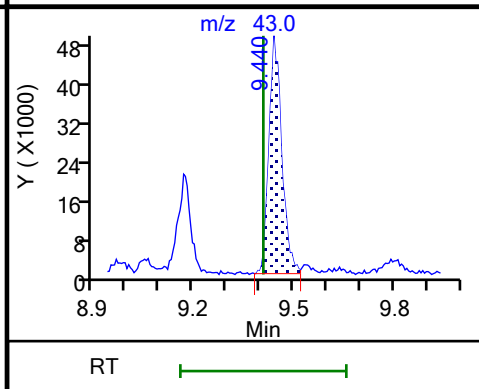
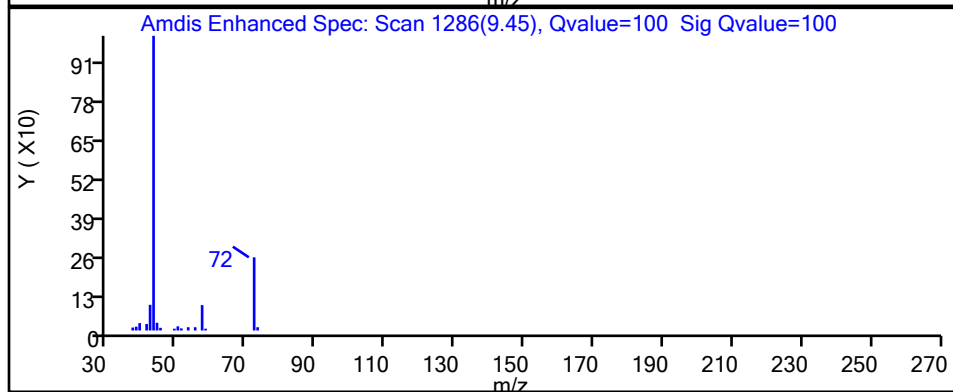
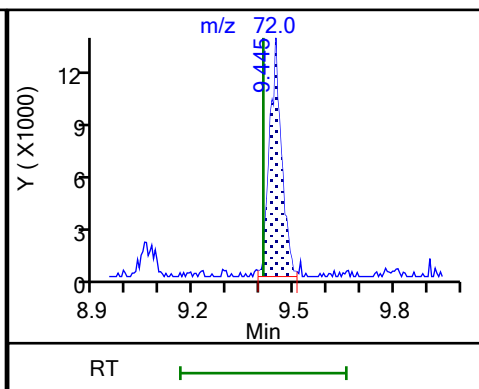
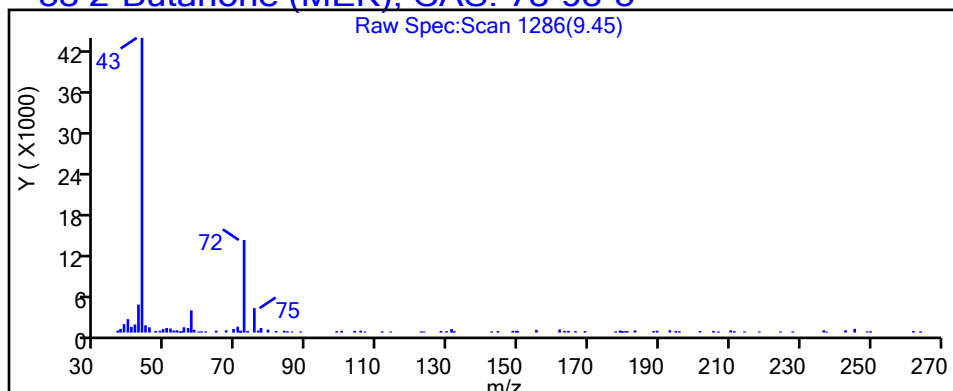
Dil. Factor: 1.0000

Method: TO15\_MasterMethod\_(v1)\_CHC.i

Limit Group: AI\_TO15\_ICAL

Column: RTX-624 ( 0.32 mm)

Detector: MS SCAN

**38 2-Butanone (MEK). CAS: 78-93-3**

## Eurofins TestAmerica, Burlington

Data File: \\chromfs\Burlington\ChromData\CHC.i\20201218-44136.b\44136-07.D

Injection Date: 18-Dec-2020 16:29:30

Instrument ID: CHC.i

Lims ID: 200-56451-A-6

Lab Sample ID: 200-56451-6

Client ID: SG-206

Operator ID: vtp

ALS Bottle#: 7

Worklist Smp#: 7

Purge Vol: 200.000 mL

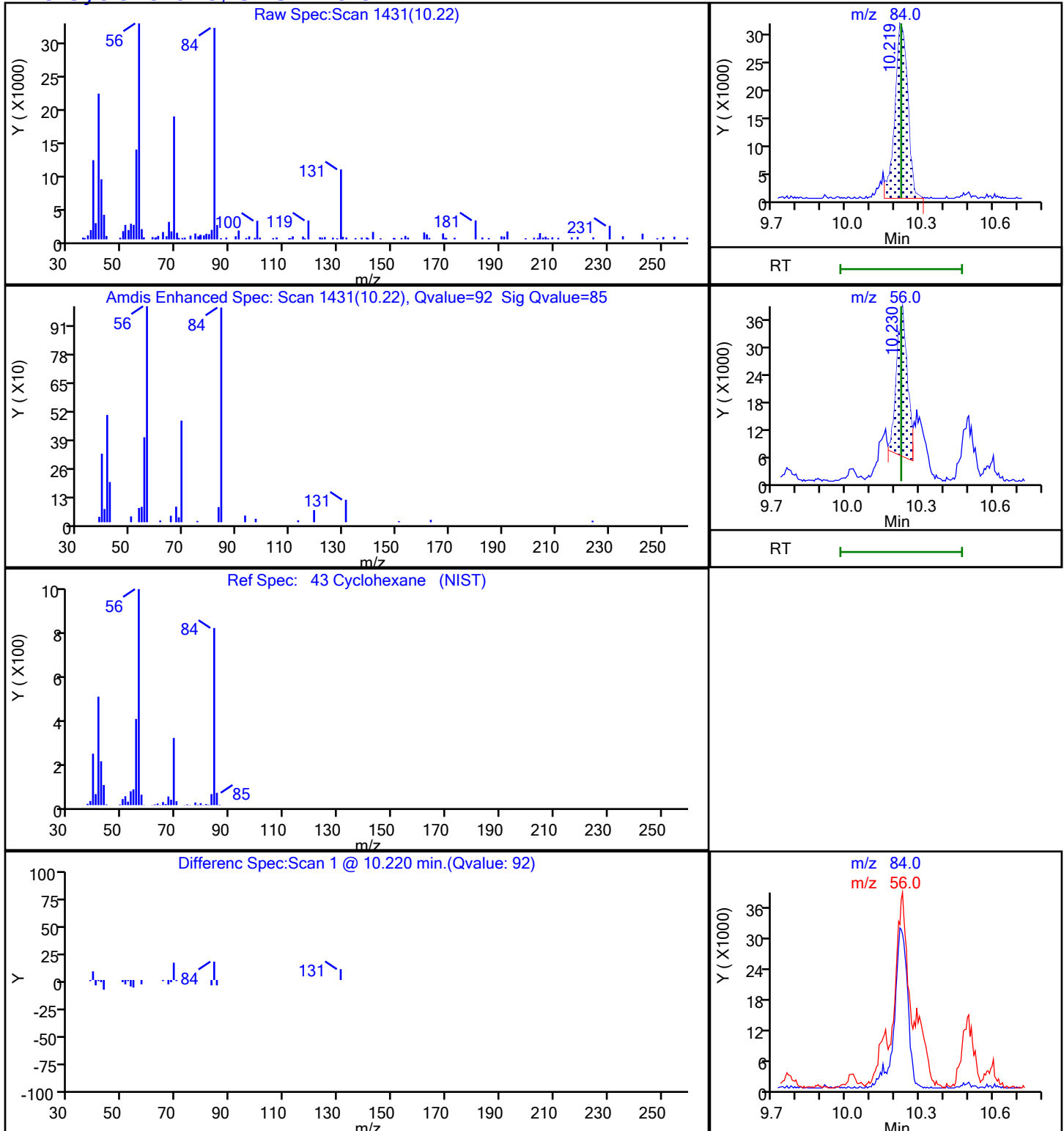
Dil. Factor: 1.0000

Method: TO15\_MasterMethod\_(v1)\_CHC.i

Limit Group: AI\_TO15\_ICAL

Column: RTX-624 (0.32 mm)

Detector: MS SCAN

**43 Cyclohexane, CAS: 110-82-7**

Eurofins TestAmerica, Burlington

Data File: \\chromfs\Burlington\ChromData\CHC.i\20201218-44136.b\44136-07.D

Injection Date: 18-Dec-2020 16:29:30

Instrument ID: CHC.i

Lims ID: 200-56451-A-6

Lab Sample ID: 200-56451-6

Client ID: SG-206

Operator ID: vtp

ALS Bottle#: 7

Worklist Smp#: 7

Purge Vol: 200.000 mL

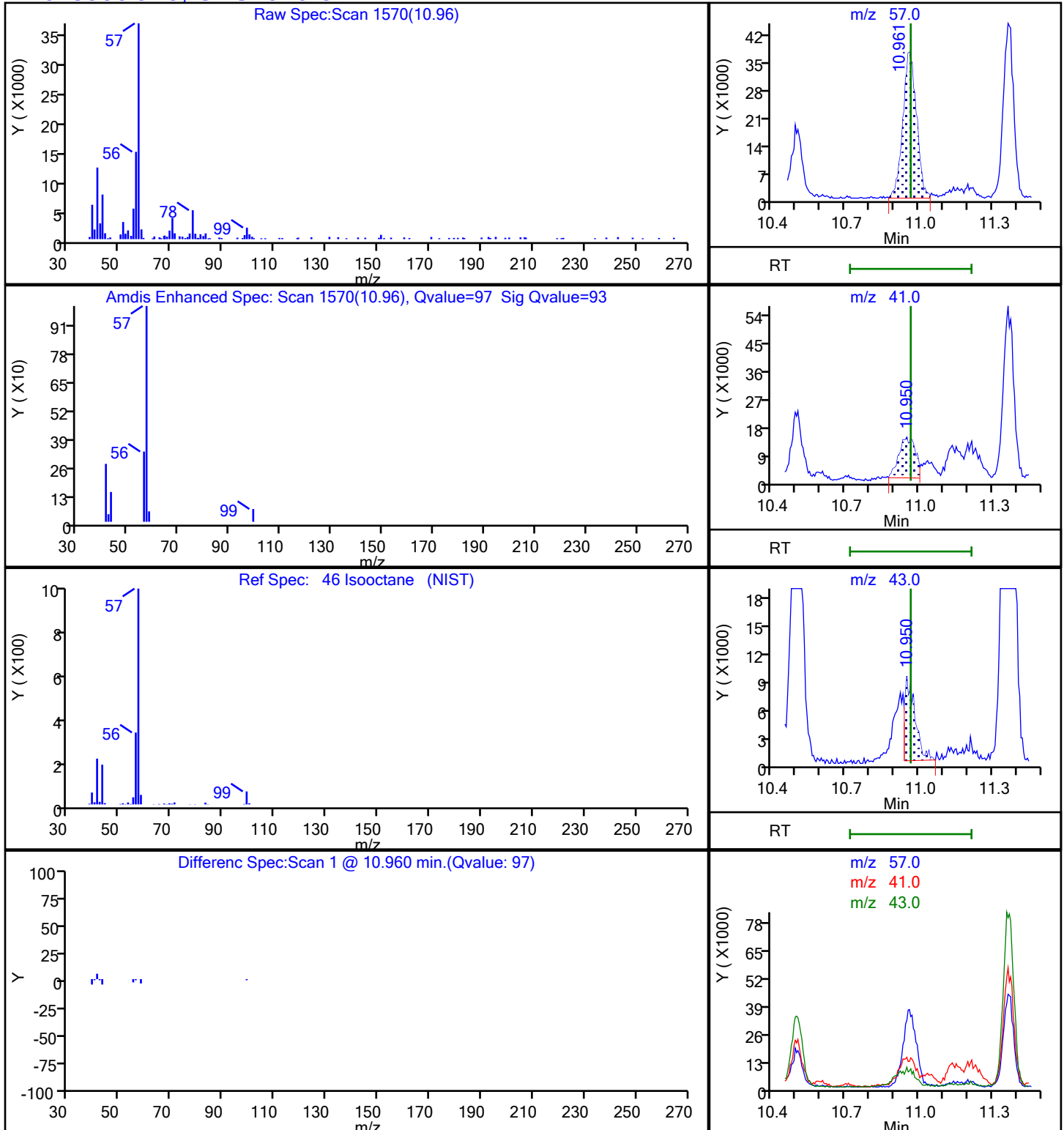
Dil. Factor: 1.0000

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**

## Eurofins TestAmerica, Burlington

Data File: \\chromfs\Burlington\ChromData\CHC.i\20201218-44136.b\44136-07.D

Injection Date: 18-Dec-2020 16:29:30

Instrument ID: CHC.i

Lims ID: 200-56451-A-6

Lab Sample ID: 200-56451-6

Client ID: SG-206

Operator ID: vtp

ALS Bottle#: 7

Worklist Smp#: 7

Purge Vol: 200.000 mL

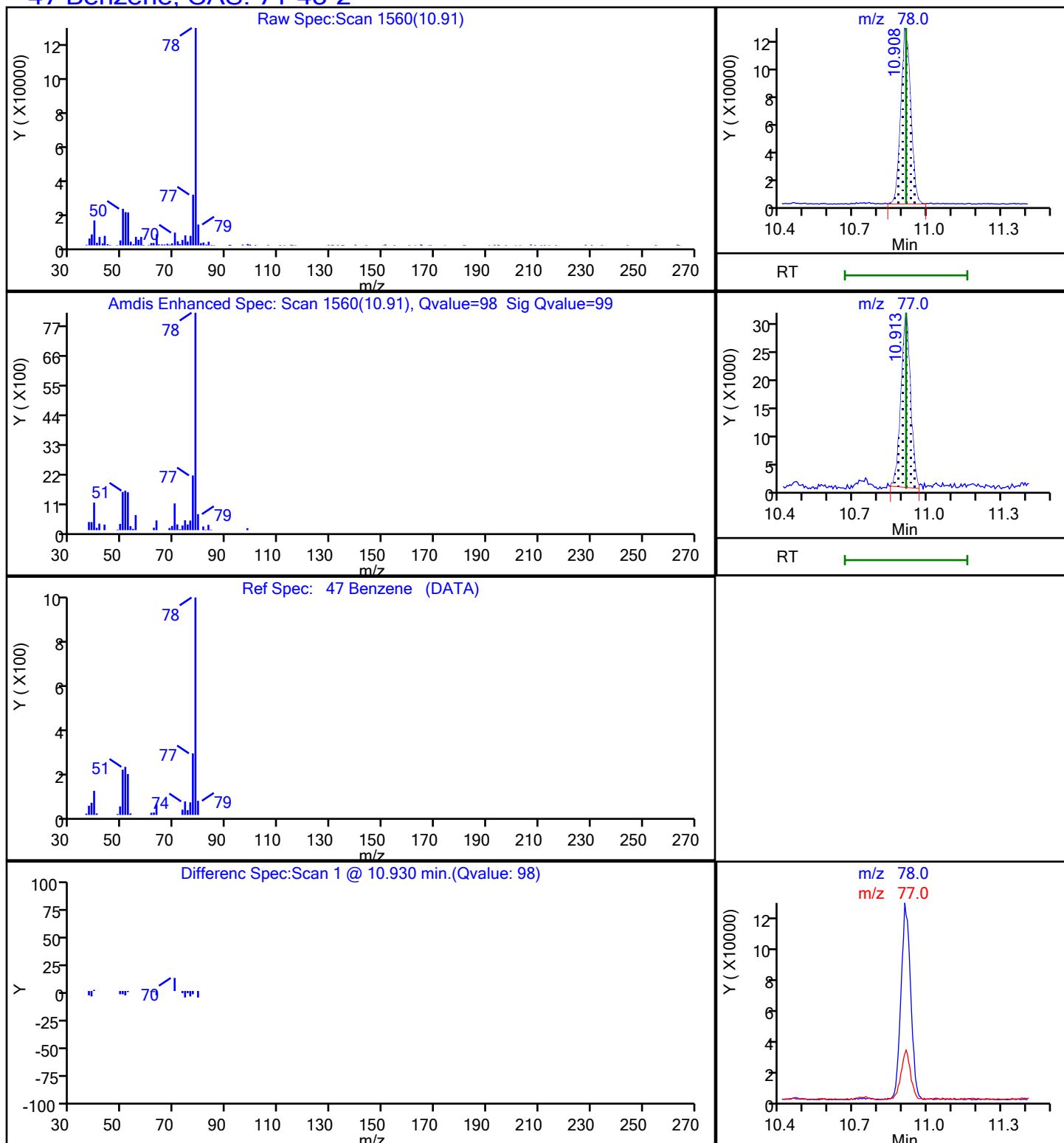
Dil. Factor: 1.0000

Method: TO15\_MasterMethod\_(v1)\_CHC.i

Limit Group: AI\_TO15\_ICAL

Column: RTX-624 ( 0.32 mm)

Detector: MS SCAN

**47 Benzene, CAS: 71-43-2**

## Eurofins TestAmerica, Burlington

Data File: \\chromfs\Burlington\ChromData\CHC.i\20201218-44136.b\44136-07.D

Injection Date: 18-Dec-2020 16:29:30

Instrument ID: CHC.i

Lims ID: 200-56451-A-6

Lab Sample ID: 200-56451-6

Client ID: SG-206

Operator ID: vtp

ALS Bottle#: 7

Worklist Smp#: 7

Purge Vol: 200.000 mL

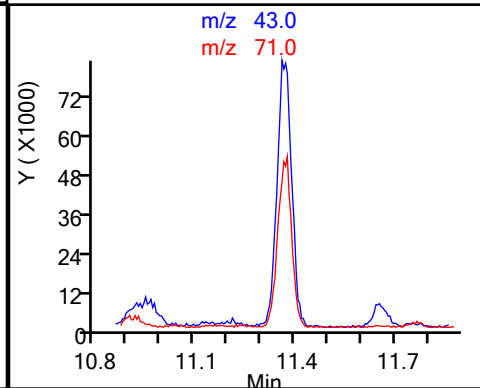
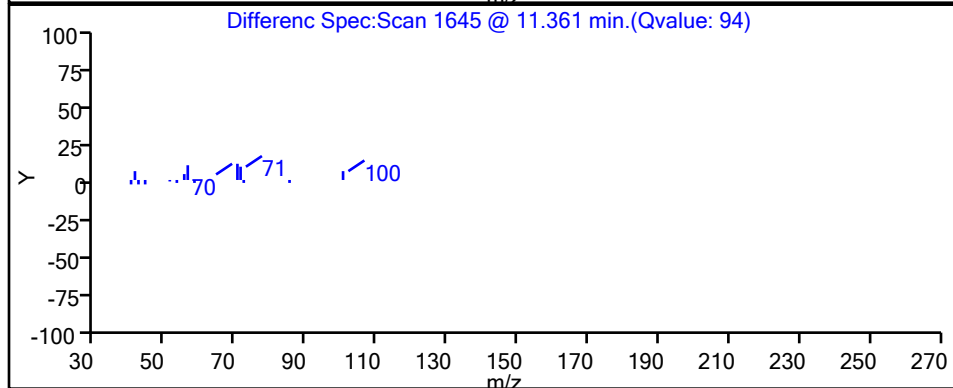
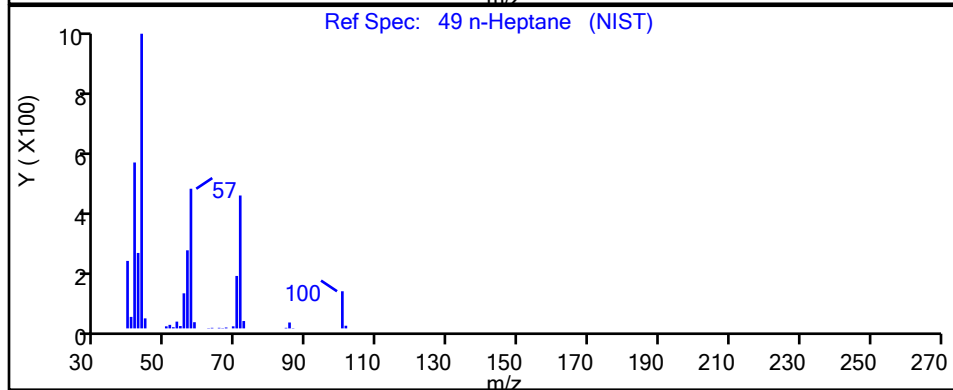
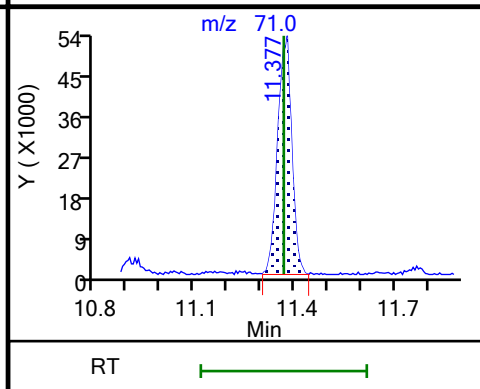
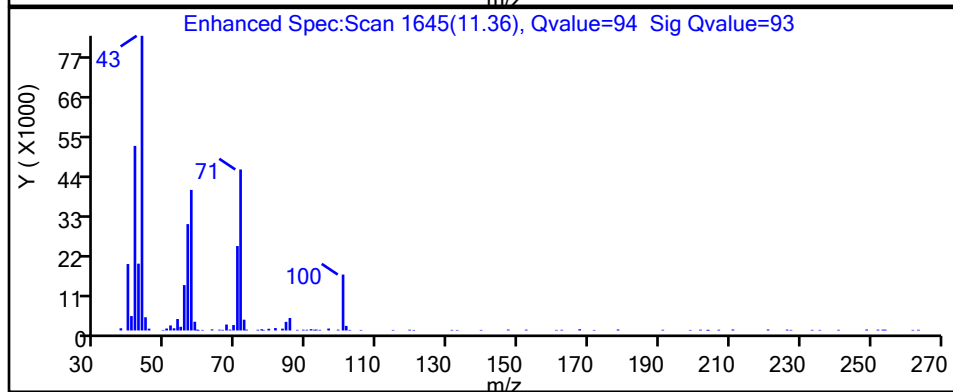
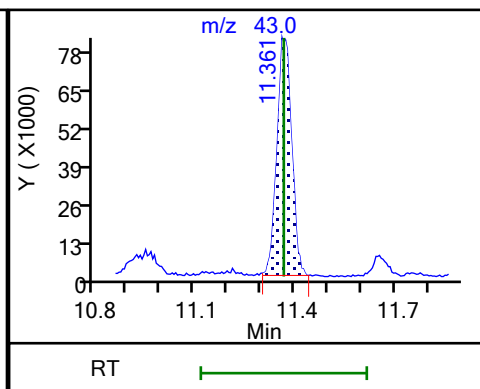
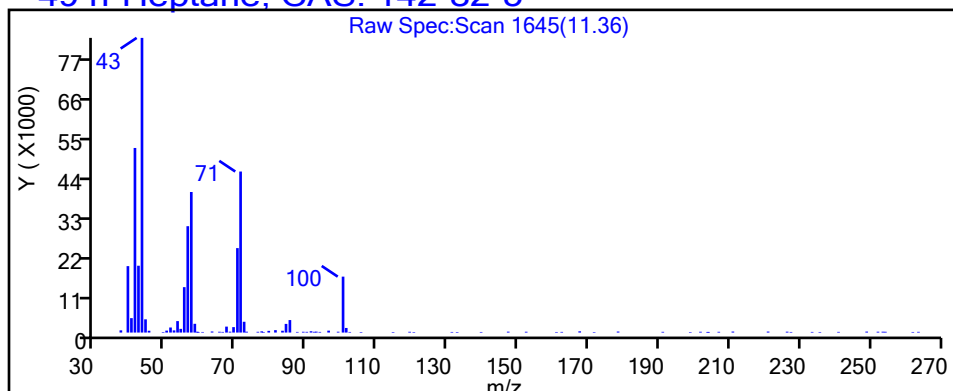
Dil. Factor: 1.0000

Method: TO15\_MasterMethod\_(v1)\_CHC.i

Limit Group: AI\_TO15\_ICAL

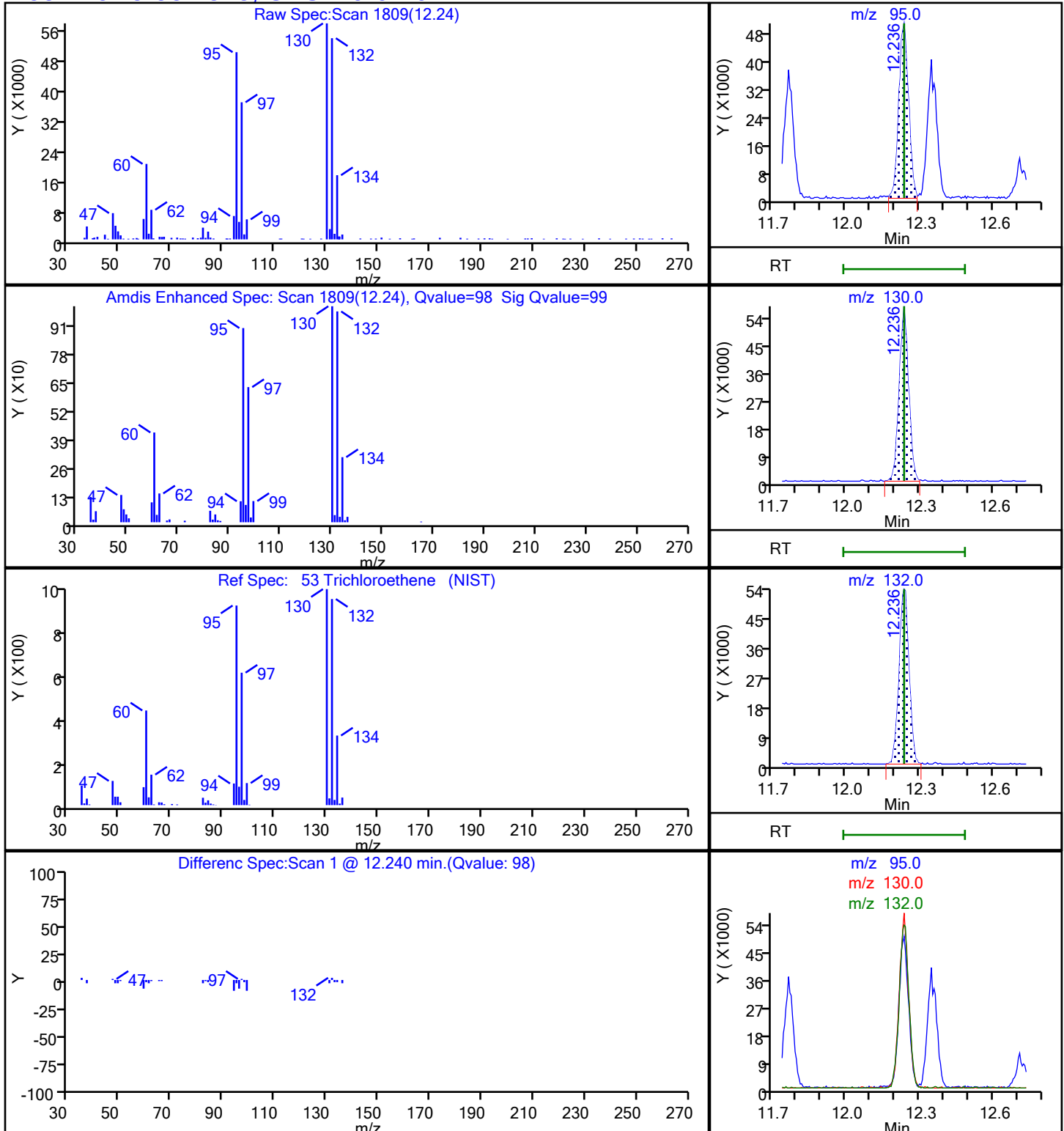
Column: RTX-624 (0.32 mm)

Detector: MS SCAN

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

## Eurofins TestAmerica, Burlington

Data File: \\chromfs\Burlington\ChromData\CHC.i\20201218-44136.b\44136-07.D  
Injection Date: 18-Dec-2020 16:29:30 Instrument ID: CHC.i  
Lims ID: 200-56451-A-6 Lab Sample ID: 200-56451-6  
Client ID: SG-206  
Operator ID: vtp ALS Bottle#: 7 Worklist Smp#: 7  
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

**53 Trichloroethene, CAS: 79-01-6**

## Eurofins TestAmerica, Burlington

Data File: \\chromfs\Burlington\ChromData\CHC.i\20201218-44136.b\44136-07.D

Injection Date: 18-Dec-2020 16:29:30

Instrument ID: CHC.i

Lims ID: 200-56451-A-6

Lab Sample ID: 200-56451-6

Client ID: SG-206

Operator ID: vtp

ALS Bottle#: 7

Worklist Smp#: 7

Purge Vol: 200.000 mL

Dil. Factor: 1.0000

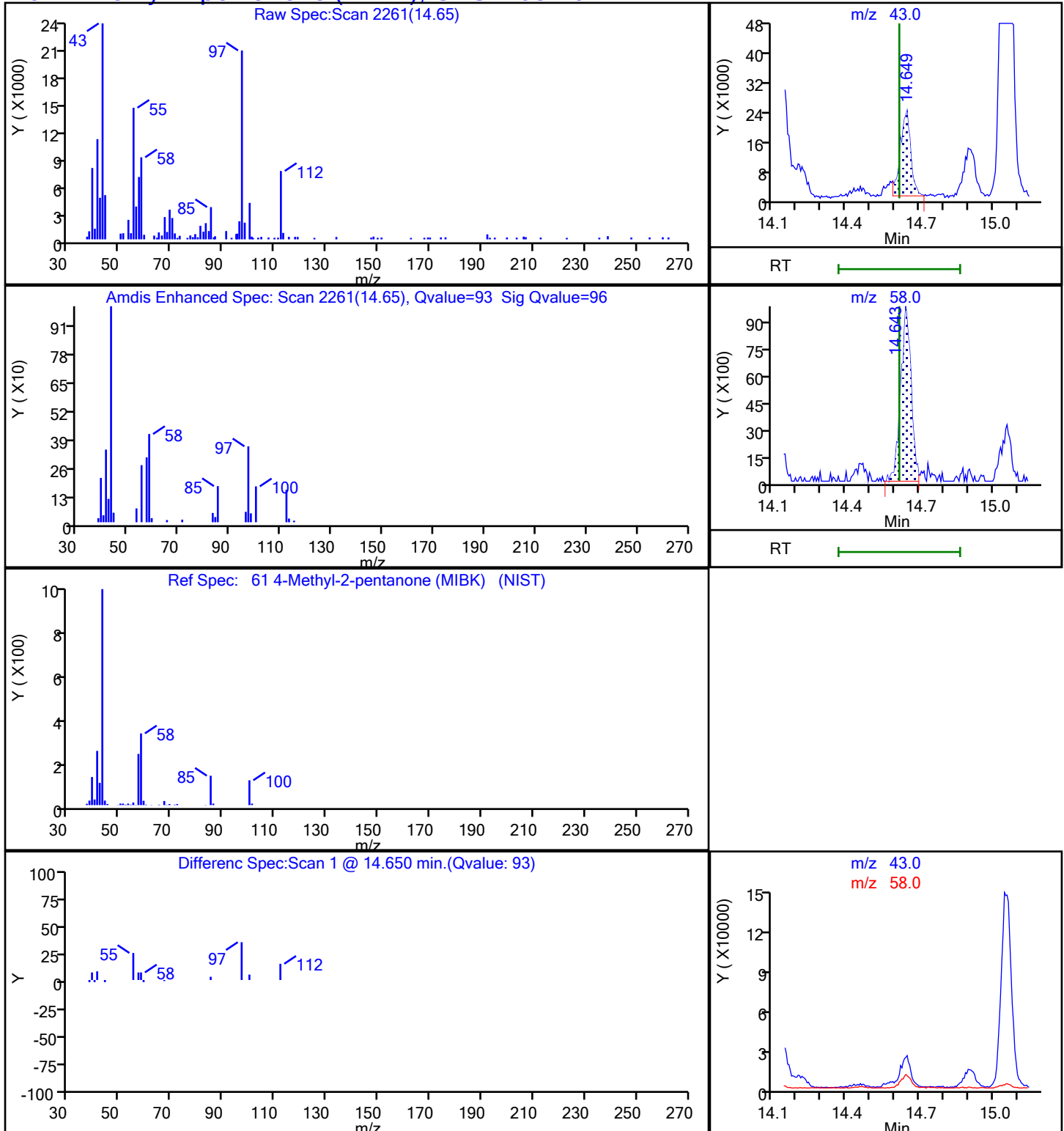
Method: TO15\_MasterMethod\_(v1)\_CHC.i

Limit Group: AI\_TO15\_ICAL

Column: RTX-624 ( 0.32 mm)

Detector: MS SCAN

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



## Eurofins TestAmerica, Burlington

Data File: \\chromfs\Burlington\ChromData\CHC.i\20201218-44136.b\44136-07.D

Injection Date: 18-Dec-2020 16:29:30

Instrument ID: CHC.i

Lims ID: 200-56451-A-6

Lab Sample ID: 200-56451-6

Client ID: SG-206

Operator ID: vtp

ALS Bottle#: 7

Worklist Smp#: 7

Purge Vol: 200.000 mL

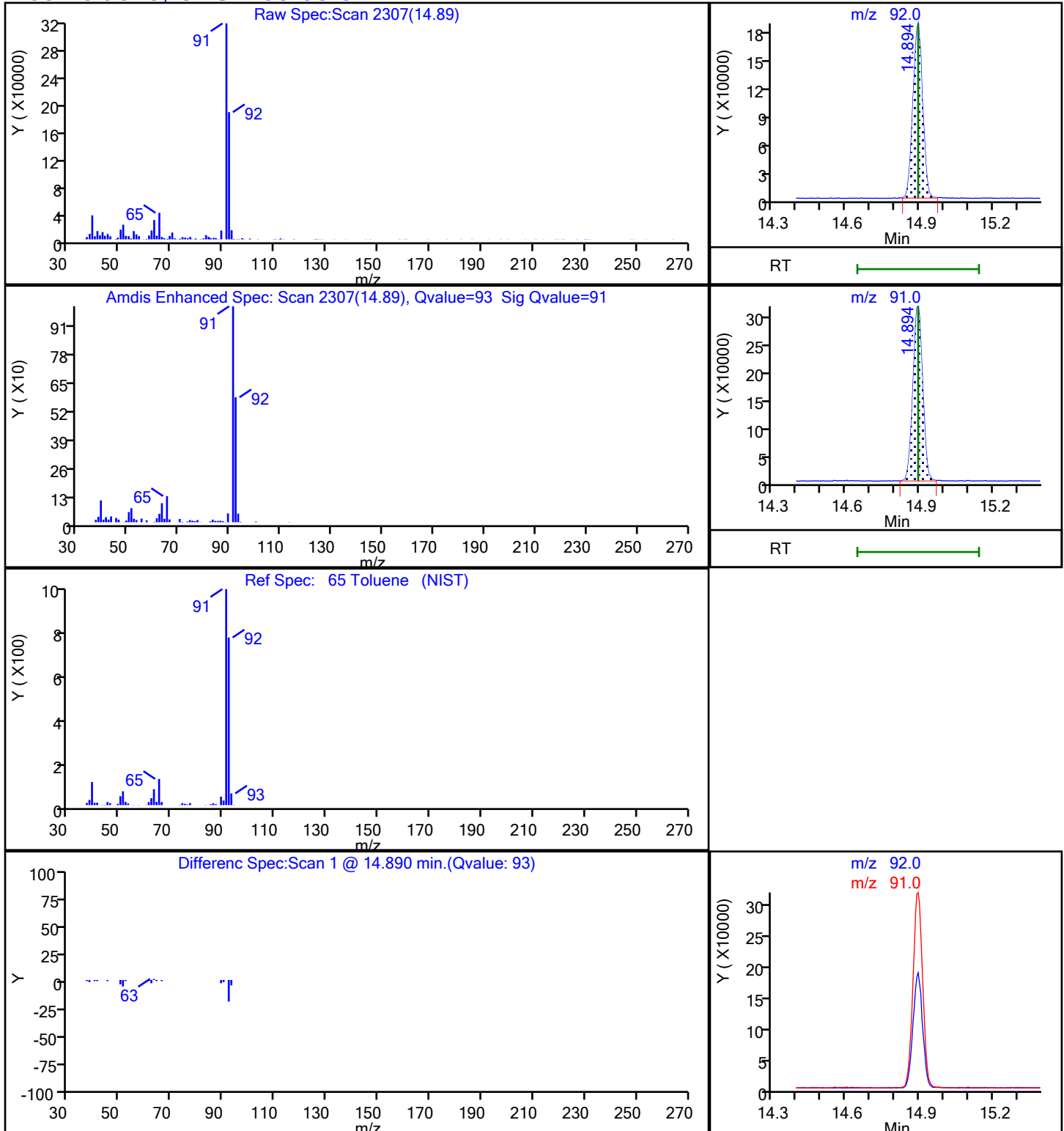
Dil. Factor: 1.0000

Method: TO15\_MasterMethod\_(v1)\_CHC.i

Limit Group: AI\_TO15\_ICAL

Column: RTX-624 ( 0.32 mm)

Detector: MS SCAN

**65 Toluene, CAS: 108-88-3**



## Eurofins TestAmerica, Burlington

Data File: \\chromfs\Burlington\ChromData\CHC.i\20201218-44136.b\44136-07.D

Injection Date: 18-Dec-2020 16:29:30

Instrument ID: CHC.i

Lims ID: 200-56451-A-6

Lab Sample ID: 200-56451-6

Client ID: SG-206

Operator ID: vtp

ALS Bottle#: 7

Worklist Smp#: 7

Purge Vol: 200.000 mL

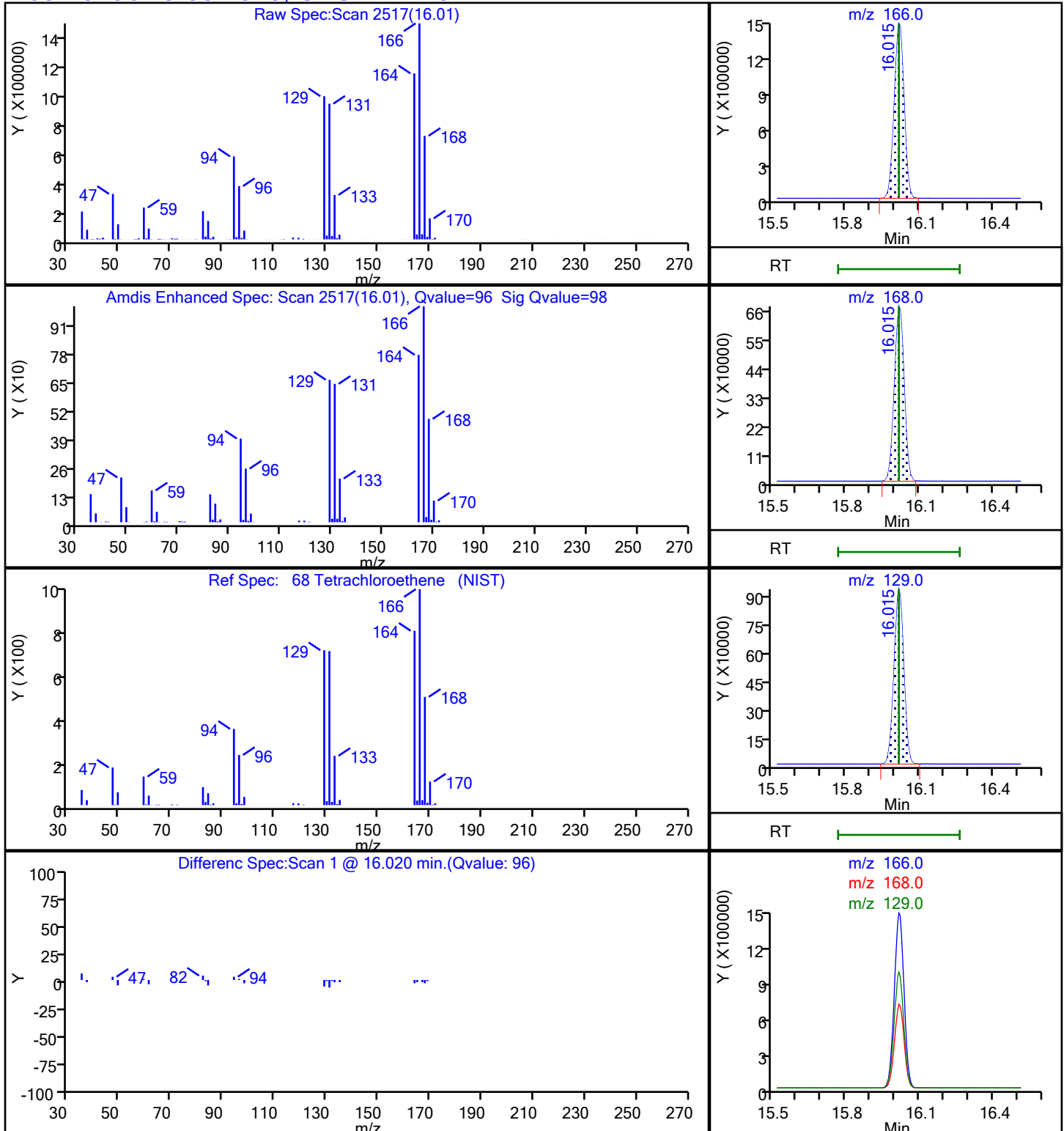
Dil. Factor: 1.0000

Method: TO15\_MasterMethod\_(v1)\_CHC.i

Limit Group: AI\_TO15\_ICAL

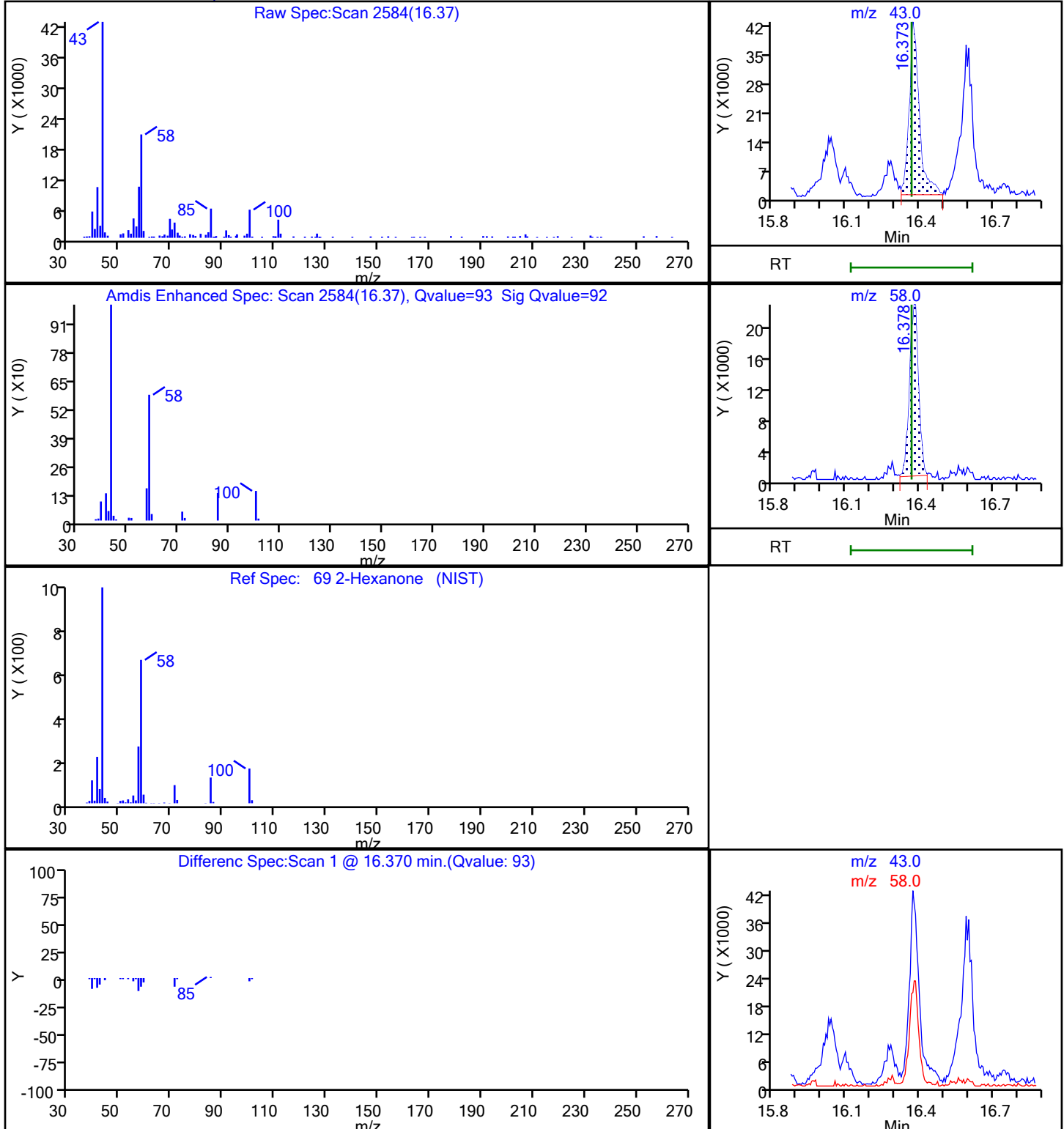
Column: RTX-624 ( 0.32 mm)

Detector: MS SCAN

**68 Tetrachloroethene, CAS: 127-18-4**

## Eurofins TestAmerica, Burlington

Data File: \\chromfs\Burlington\ChromData\CHC.i\20201218-44136.b\44136-07.D  
Injection Date: 18-Dec-2020 16:29:30 Instrument ID: CHC.i  
Lims ID: 200-56451-A-6 Lab Sample ID: 200-56451-6  
Client ID: SG-206  
Operator ID: vtp ALS Bottle#: 7 Worklist Smp#: 7  
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**

## Eurofins TestAmerica, Burlington

Data File: \\chromfs\Burlington\ChromData\CHC.i\20201218-44136.b\44136-07.D

Injection Date: 18-Dec-2020 16:29:30

Instrument ID: CHC.i

Lims ID: 200-56451-A-6

Lab Sample ID: 200-56451-6

Client ID: SG-206

Operator ID: vtp

ALS Bottle#: 7

Worklist Smp#: 7

Purge Vol: 200.000 mL

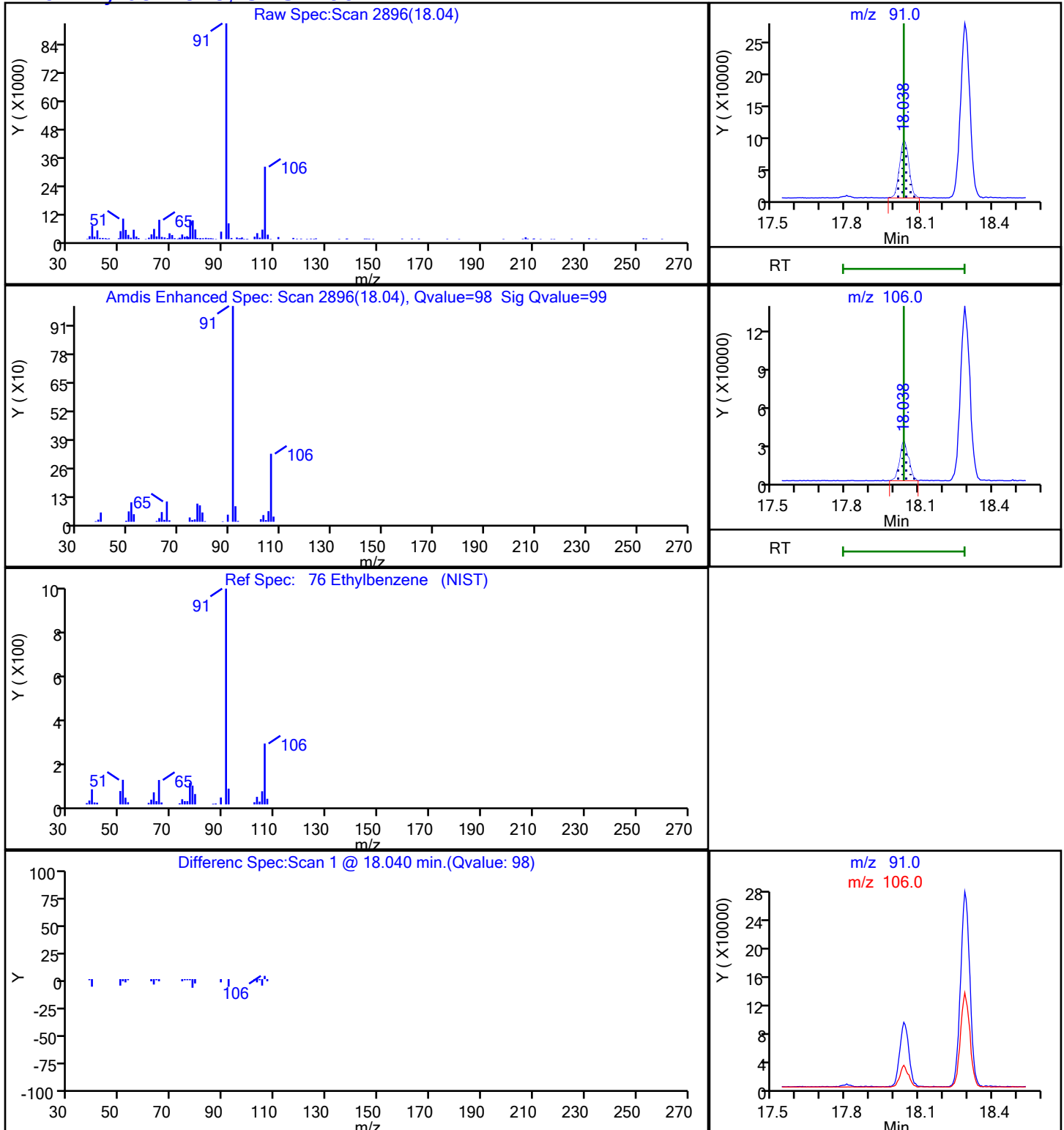
Dil. Factor: 1.0000

Method: TO15\_MasterMethod\_(v1)\_CHC.i

Limit Group: AI\_TO15\_ICAL

Column: RTX-624 (0.32 mm)

Detector: MS SCAN

**76 Ethylbenzene, CAS: 100-41-4**

Eurofins TestAmerica, Burlington

Data File: \\chromfs\Burlington\ChromData\CHC.i\20201218-44136.b\44136-07.D

Injection Date: 18-Dec-2020 16:29:30

Instrument ID: CHC.i

Lims ID: 200-56451-A-6

Lab Sample ID: 200-56451-6

Client ID: SG-206

Operator ID: vtp

ALS Bottle#: 7

Worklist Smp#: 7

Purge Vol: 200.000 mL

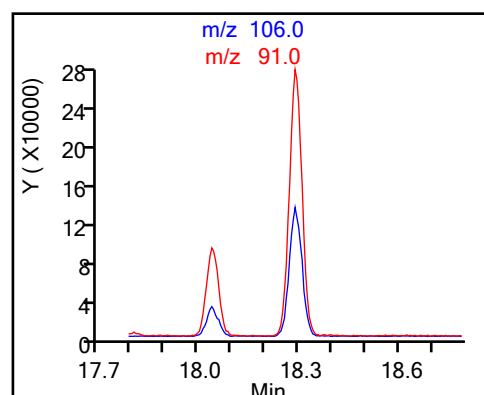
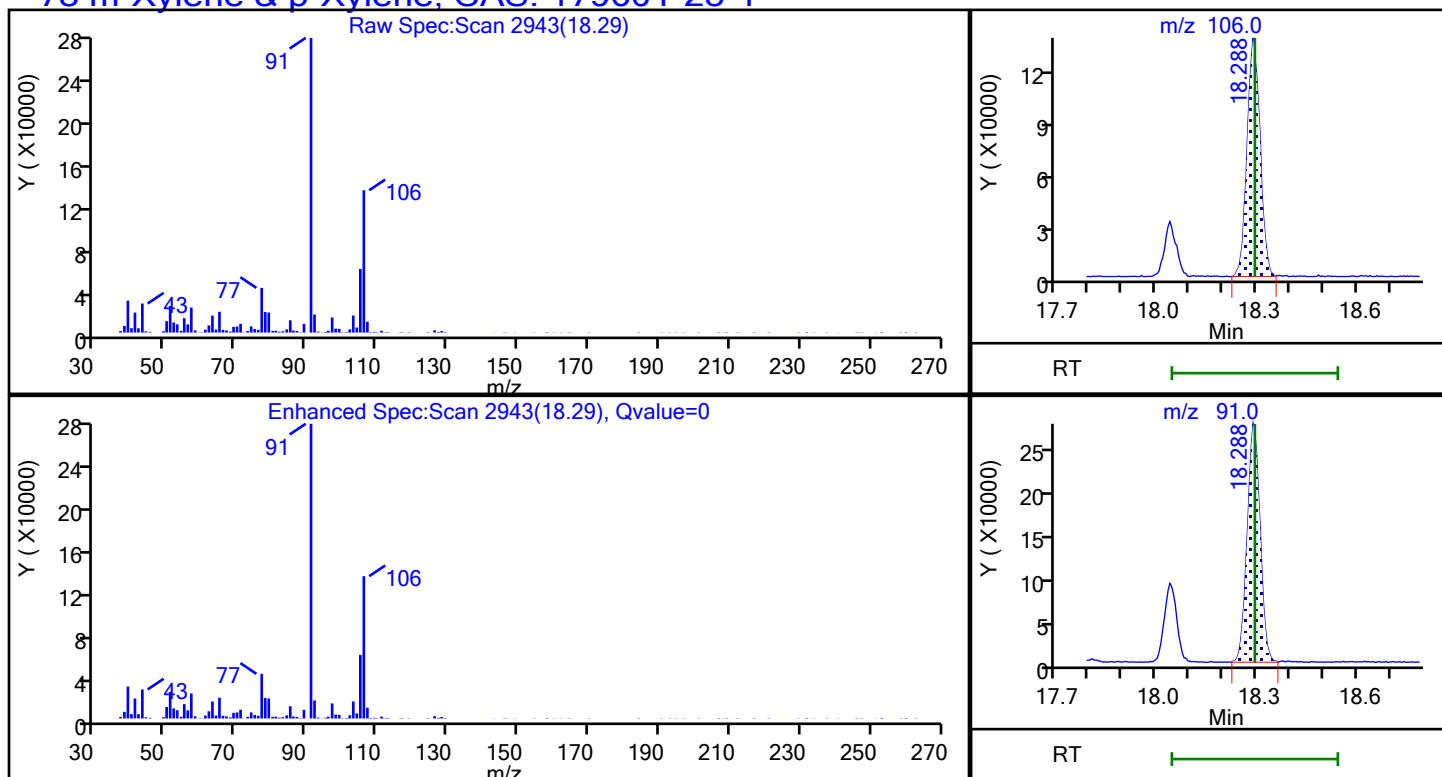
Dil. Factor: 1.0000

Method: TO15\_MasterMethod\_(v1)\_CHC.i

Limit Group: AI\_TO15\_ICAL

Column: RTX-624 ( 0.32 mm)

Detector: MS SCAN

**78 m-Xylene & p-Xylene, CAS: 179601-23-1**

## Eurofins TestAmerica, Burlington

Data File: \\chromfs\Burlington\ChromData\CHC.i\20201218-44136.b\44136-07.D

Injection Date: 18-Dec-2020 16:29:30

Instrument ID: CHC.i

Lims ID: 200-56451-A-6

Lab Sample ID: 200-56451-6

Client ID: SG-206

Operator ID: vtp

ALS Bottle#: 7

Worklist Smp#: 7

Purge Vol: 200.000 mL

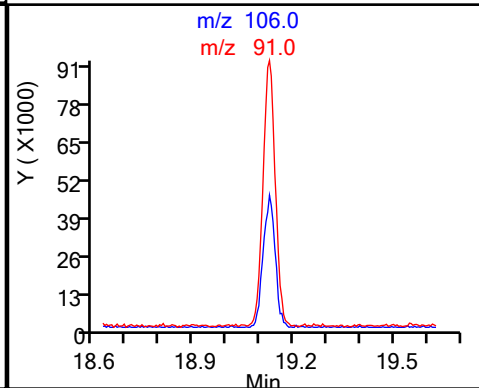
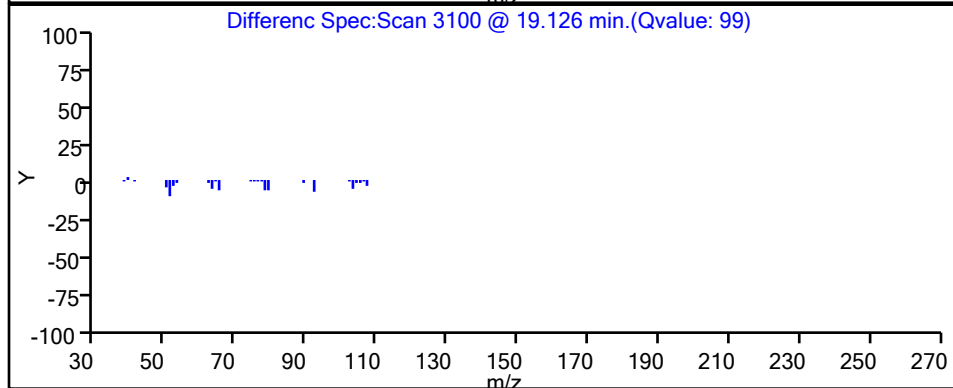
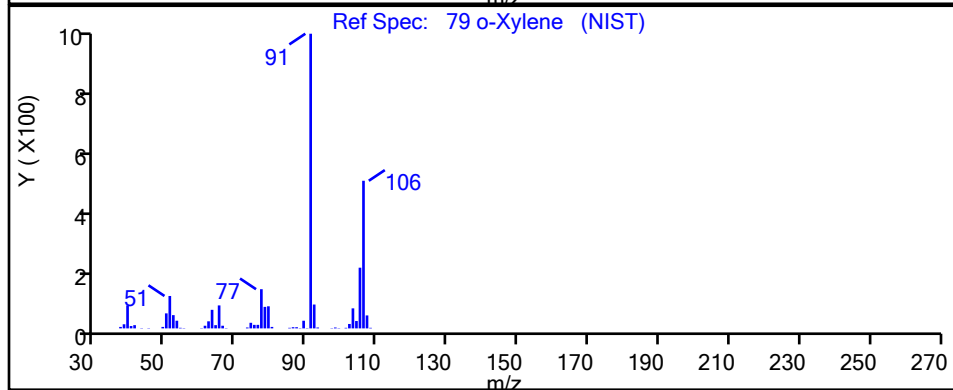
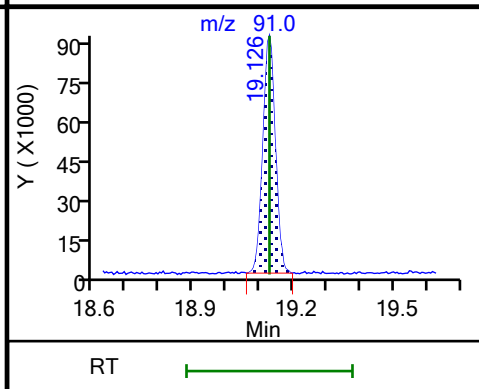
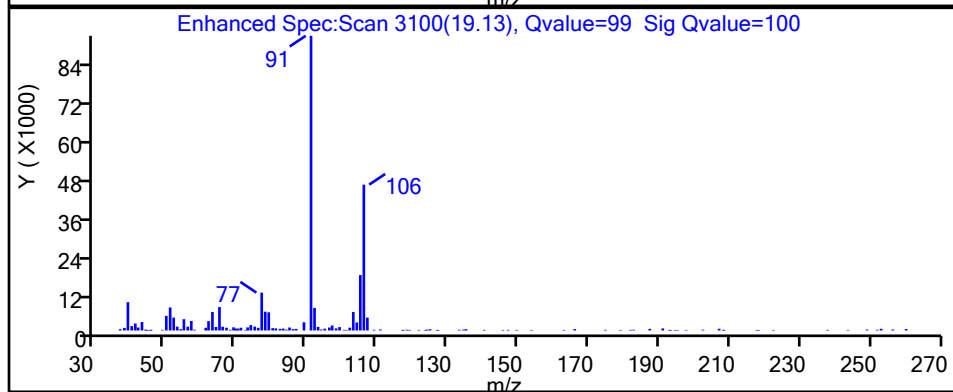
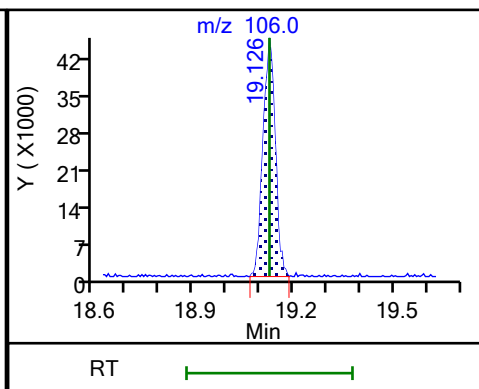
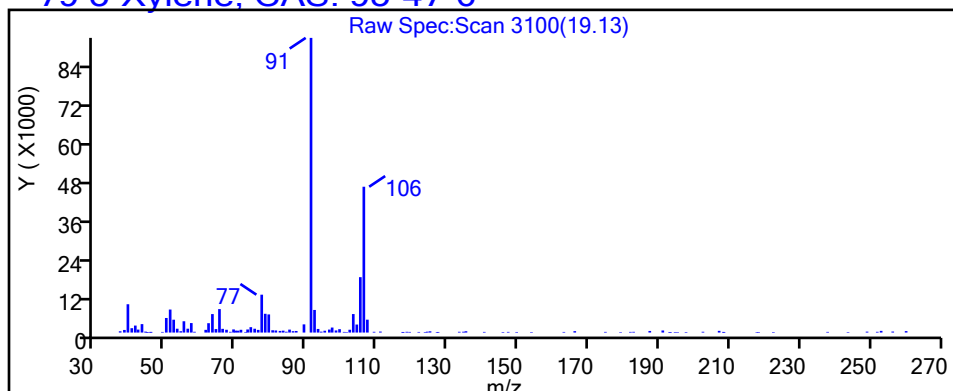
Dil. Factor: 1.0000

Method: TO15\_MasterMethod\_(v1)\_CHC.i

Limit Group: AI\_TO15\_ICAL

Column: RTX-624 (0.32 mm)

Detector: MS SCAN

**79 o-Xylene, CAS: 95-47-6**

## Eurofins TestAmerica, Burlington

Data File: \\chromfs\Burlington\ChromData\CHC.i\20201218-44136.b\44136-07.D

Injection Date: 18-Dec-2020 16:29:30

Instrument ID: CHC.i

Lims ID: 200-56451-A-6

Lab Sample ID: 200-56451-6

Client ID: SG-206

Operator ID: vtp

ALS Bottle#: 7

Worklist Smp#: 7

Purge Vol: 200.000 mL

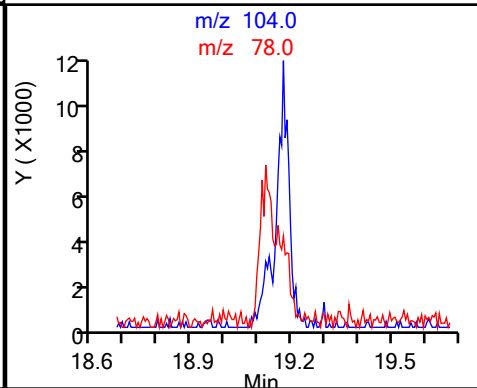
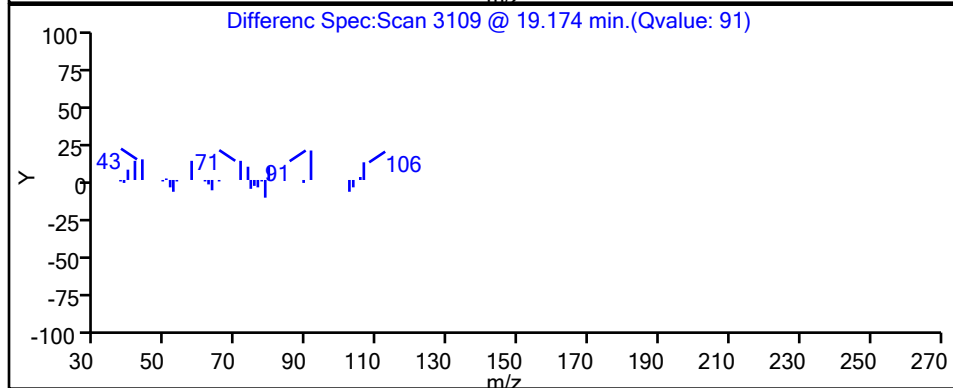
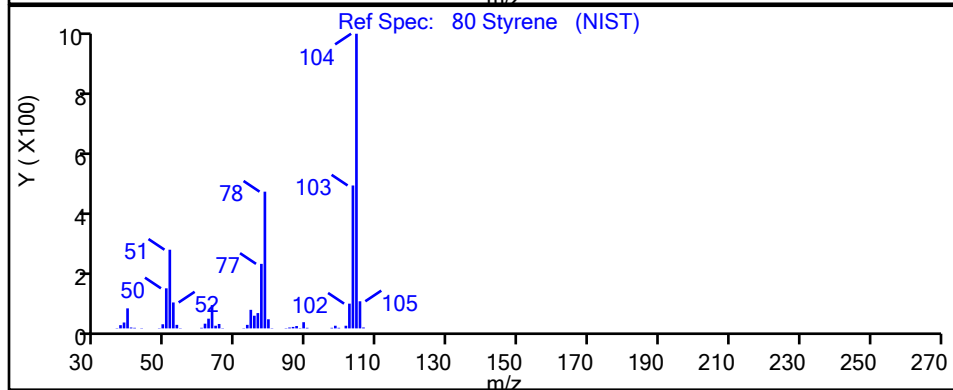
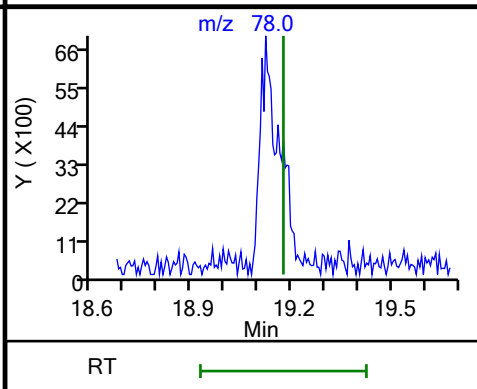
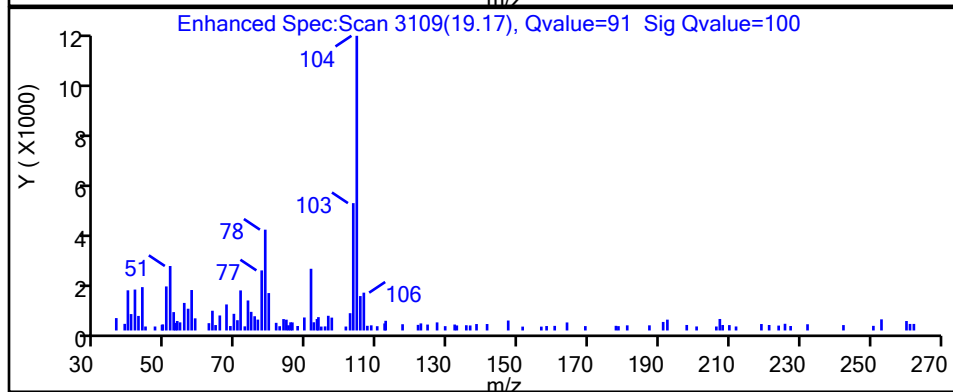
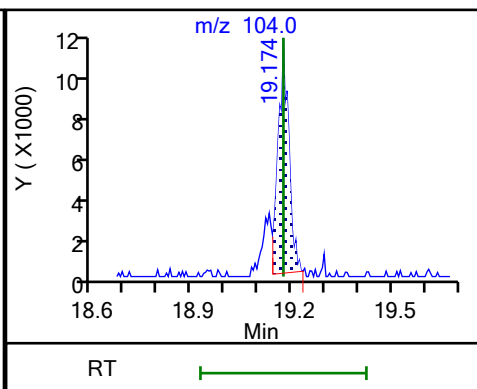
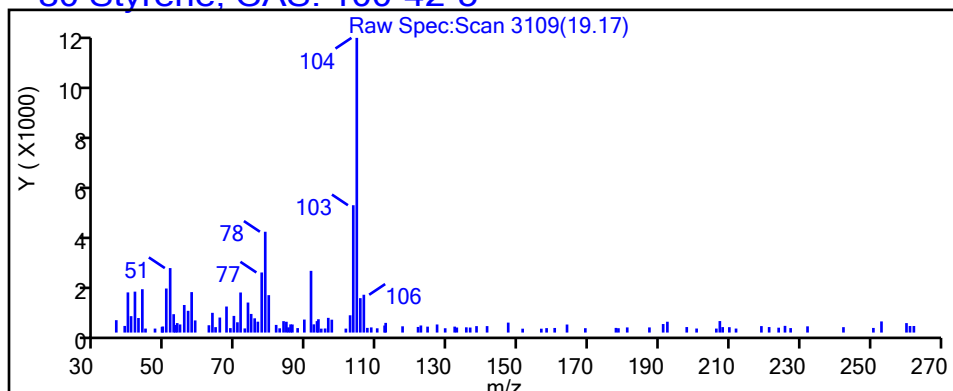
Dil. Factor: 1.0000

Method: TO15\_MasterMethod\_(v1)\_CHC.i

Limit Group: AI\_TO15\_ICAL

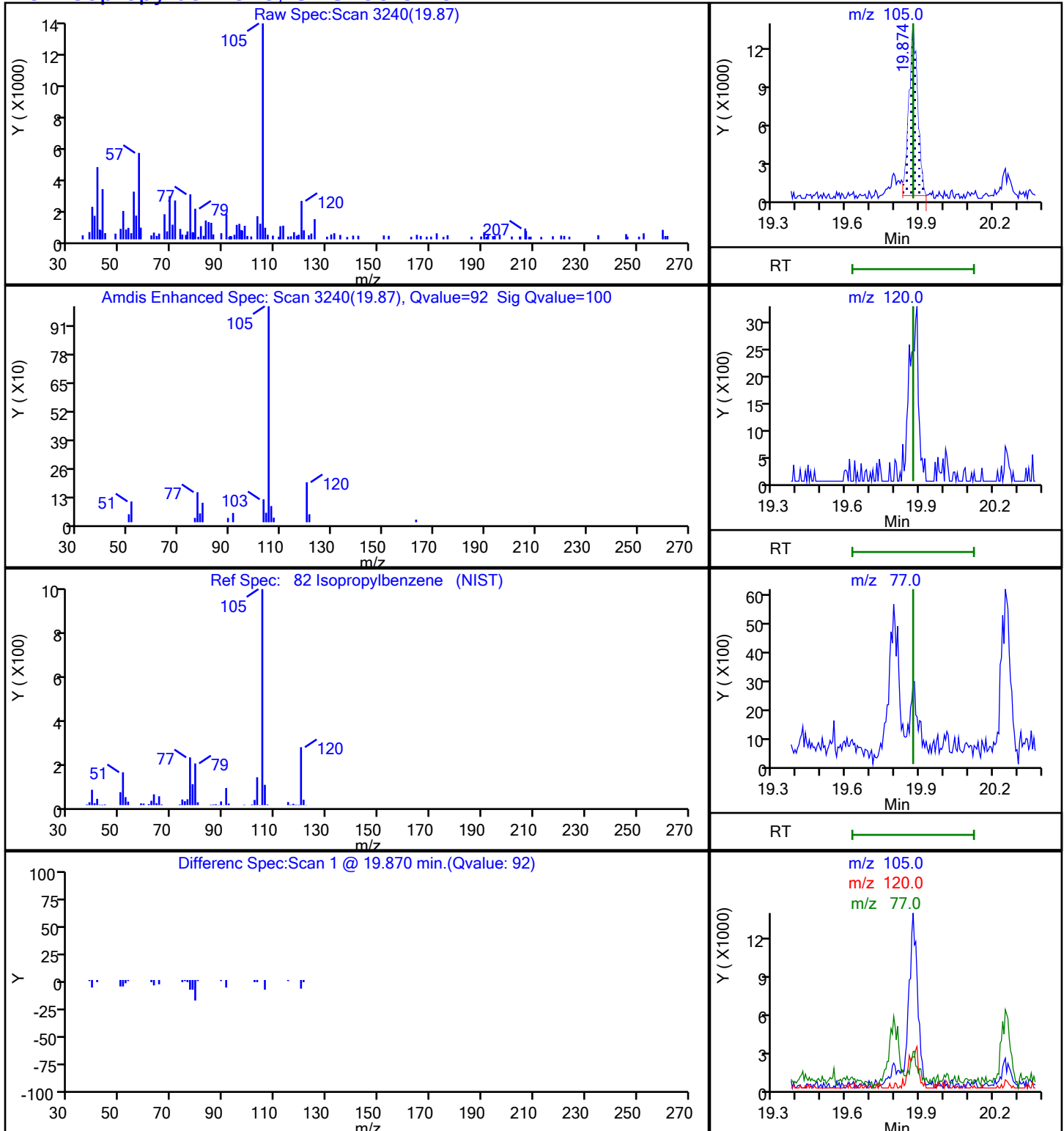
Column: RTX-624 ( 0.32 mm)

Detector: MS SCAN

**80 Styrene, CAS: 100-42-5**

## Eurofins TestAmerica, Burlington

Data File: \\chromfs\Burlington\ChromData\CHC.i\20201218-44136.b\44136-07.D  
Injection Date: 18-Dec-2020 16:29:30 Instrument ID: CHC.i  
Lims ID: 200-56451-A-6 Lab Sample ID: 200-56451-6  
Client ID: SG-206  
Operator ID: vtp ALS Bottle#: 7 Worklist Smp#: 7  
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

**82 Isopropylbenzene, CAS: 98-82-8**

## Eurofins TestAmerica, Burlington

Data File: \\chromfs\Burlington\ChromData\CHC.i\20201218-44136.b\44136-07.D

Injection Date: 18-Dec-2020 16:29:30

Instrument ID: CHC.i

Lims ID: 200-56451-A-6

Lab Sample ID: 200-56451-6

Client ID: SG-206

Operator ID: vtp

ALS Bottle#: 7

Worklist Smp#: 7

Purge Vol: 200.000 mL

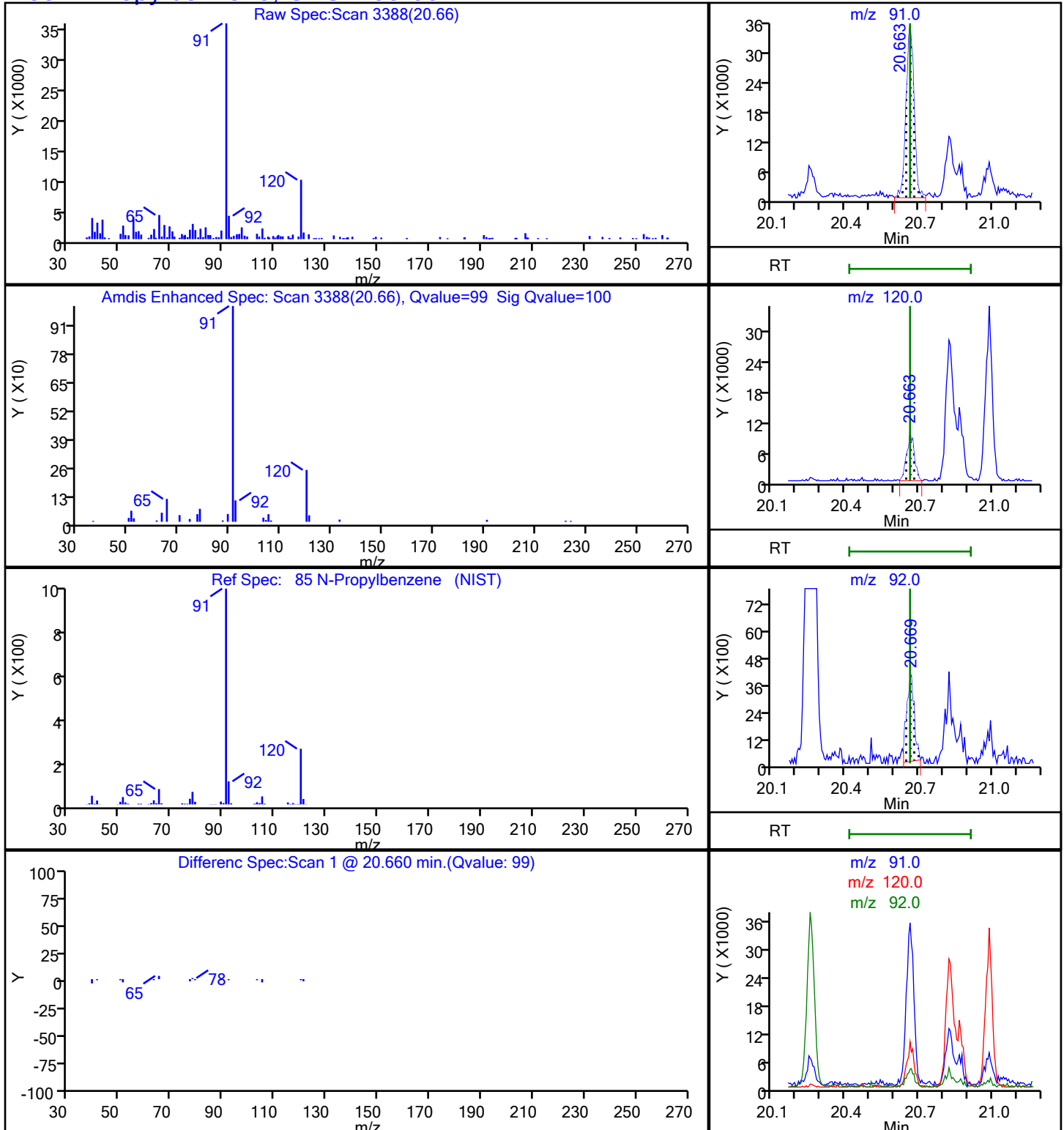
Dil. Factor: 1.0000

Method: TO15\_MasterMethod\_(v1)\_CHC.i

Limit Group: AI\_TO15\_ICAL

Column: RTX-624 (0.32 mm)

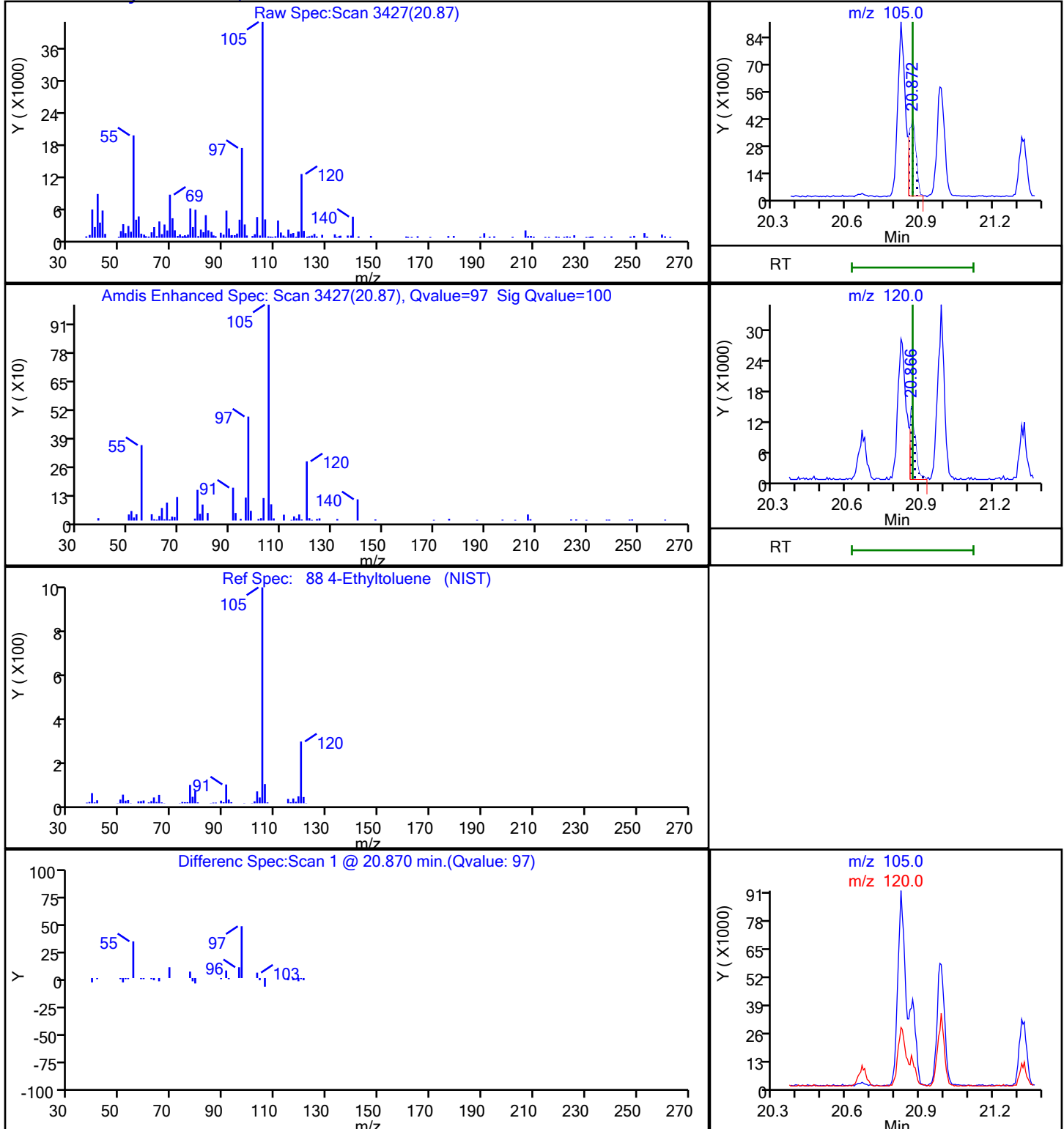
Detector: MS SCAN

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



## Eurofins TestAmerica, Burlington

Data File: \\chromfs\Burlington\ChromData\CHC.i\20201218-44136.b\44136-07.D  
Injection Date: 18-Dec-2020 16:29:30 Instrument ID: CHC.i  
Lims ID: 200-56451-A-6 Lab Sample ID: 200-56451-6  
Client ID: SG-206  
Operator ID: vtp ALS Bottle#: 7 Worklist Smp#: 7  
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

**88 4-Ethyltoluene, CAS: 622-96-8**

## Eurofins TestAmerica, Burlington

Data File: \\chromfs\Burlington\ChromData\CHC.i\20201218-44136.b\44136-07.D

Injection Date: 18-Dec-2020 16:29:30

Instrument ID: CHC.i

Lims ID: 200-56451-A-6

Lab Sample ID: 200-56451-6

Client ID: SG-206

Operator ID: vtp

ALS Bottle#: 7

Worklist Smp#: 7

Purge Vol: 200.000 mL

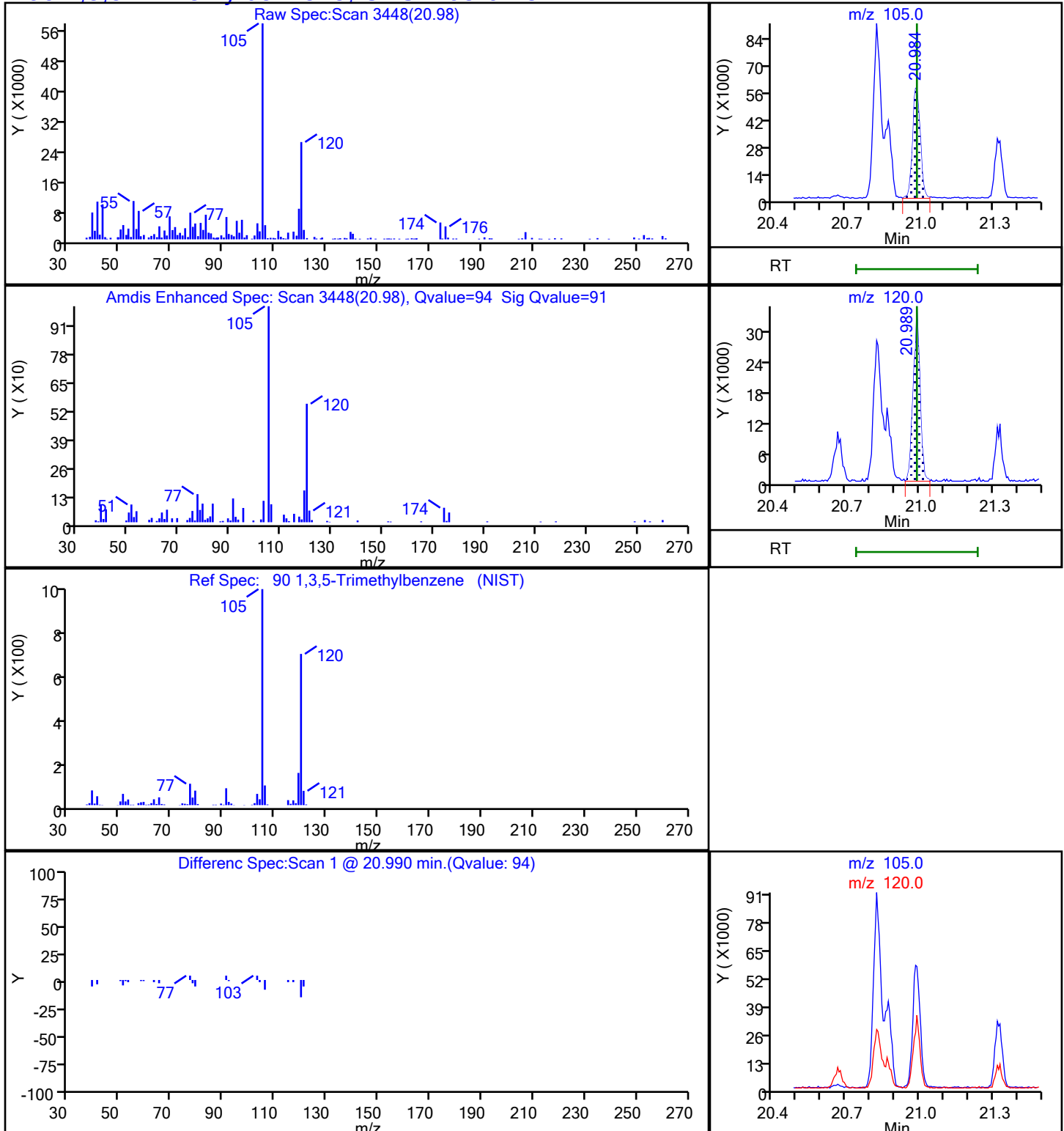
Dil. Factor: 1.0000

Method: TO15\_MasterMethod\_(v1)\_CHC.i

Limit Group: AI\_TO15\_ICAL

Column: RTX-624 ( 0.32 mm)

Detector: MS SCAN

**90 1,3,5-Trimethylbenzene, CAS: 108-67-8**

## Eurofins TestAmerica, Burlington

Data File: \\chromfs\Burlington\ChromData\CHC.i\20201218-44136.b\44136-07.D

Injection Date: 18-Dec-2020 16:29:30

Instrument ID: CHC.i

Lims ID: 200-56451-A-6

Lab Sample ID: 200-56451-6

Client ID: SG-206

Operator ID: vtp

ALS Bottle#: 7

Worklist Smp#: 7

Purge Vol: 200.000 mL

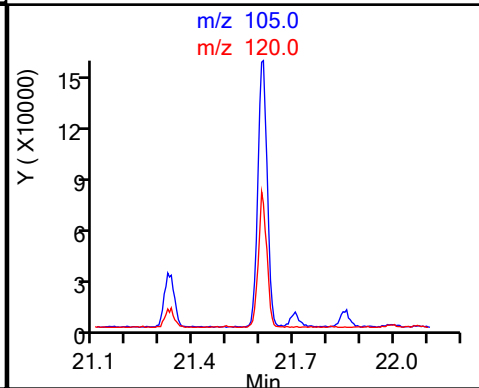
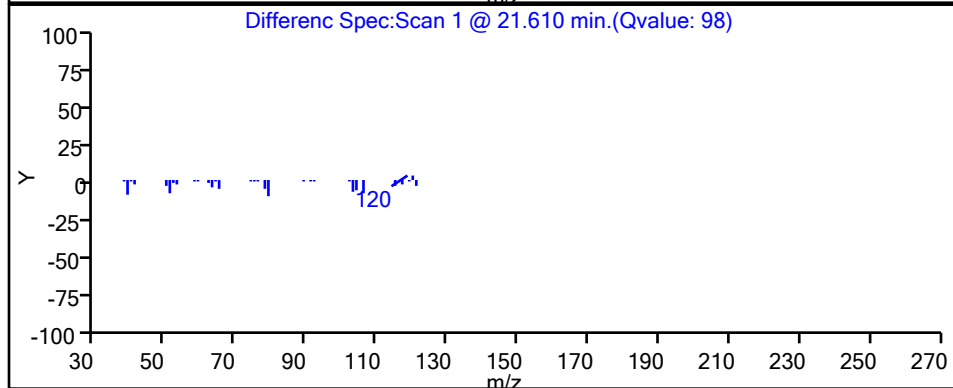
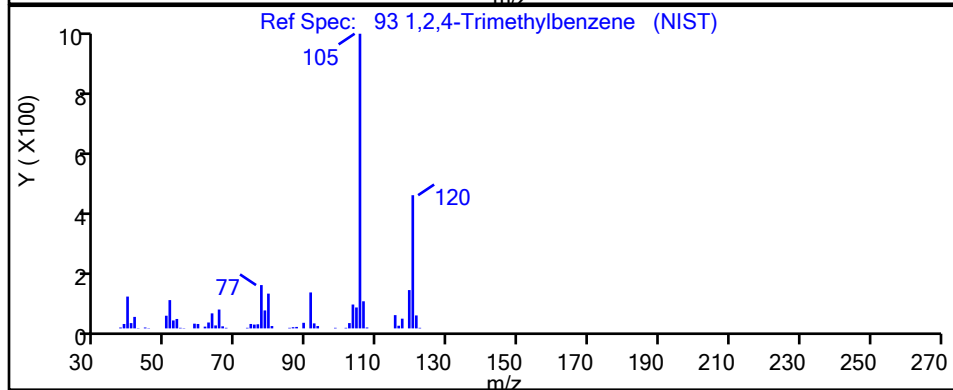
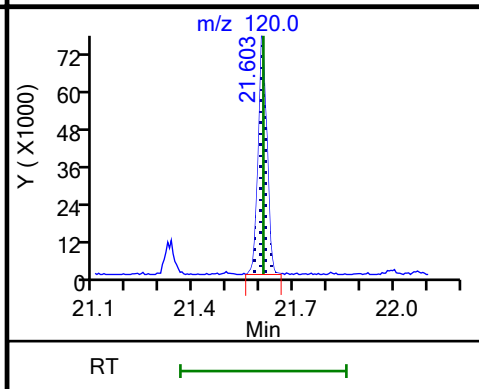
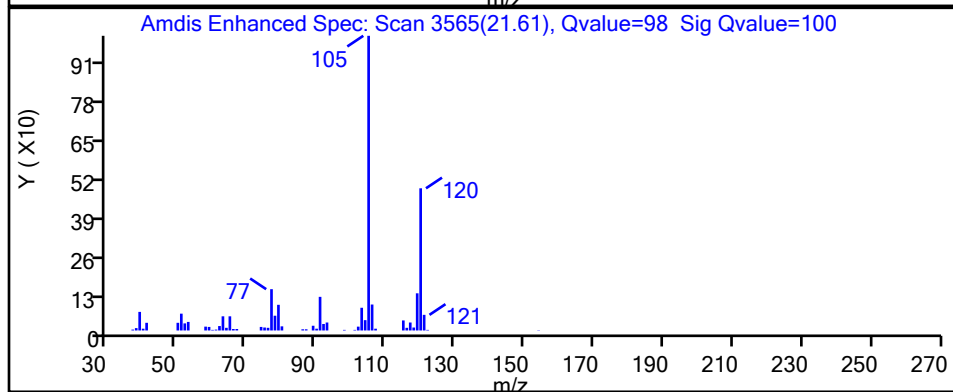
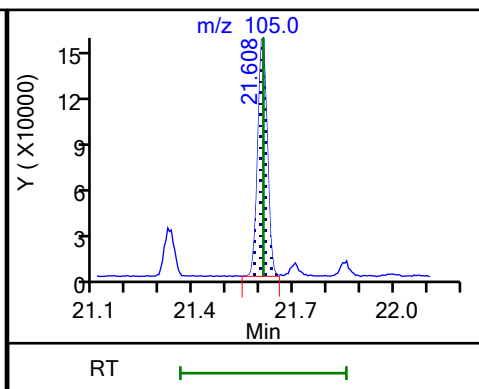
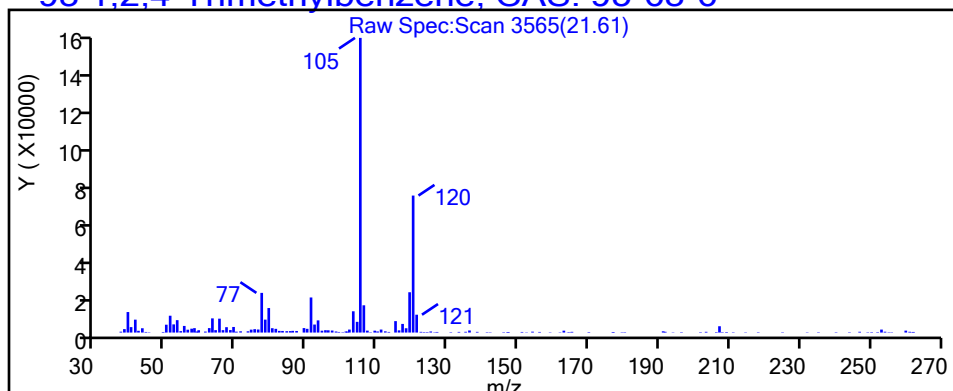
Dil. Factor: 1.0000

Method: TO15\_MasterMethod\_(v1)\_CHC.i

Limit Group: AI\_TO15\_ICAL

Column: RTX-624 (0.32 mm)

Detector: MS SCAN

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

## Eurofins TestAmerica, Burlington

Data File: \\chromfs\Burlington\ChromData\CHC.i\20201218-44136.b\44136-07.D

Injection Date: 18-Dec-2020 16:29:30

Instrument ID: CHC.i

Lims ID: 200-56451-A-6

Lab Sample ID: 200-56451-6

Client ID: SG-206

Operator ID: vtp

ALS Bottle#: 7

Worklist Smp#: 7

Purge Vol: 200.000 mL

Dil. Factor: 1.0000

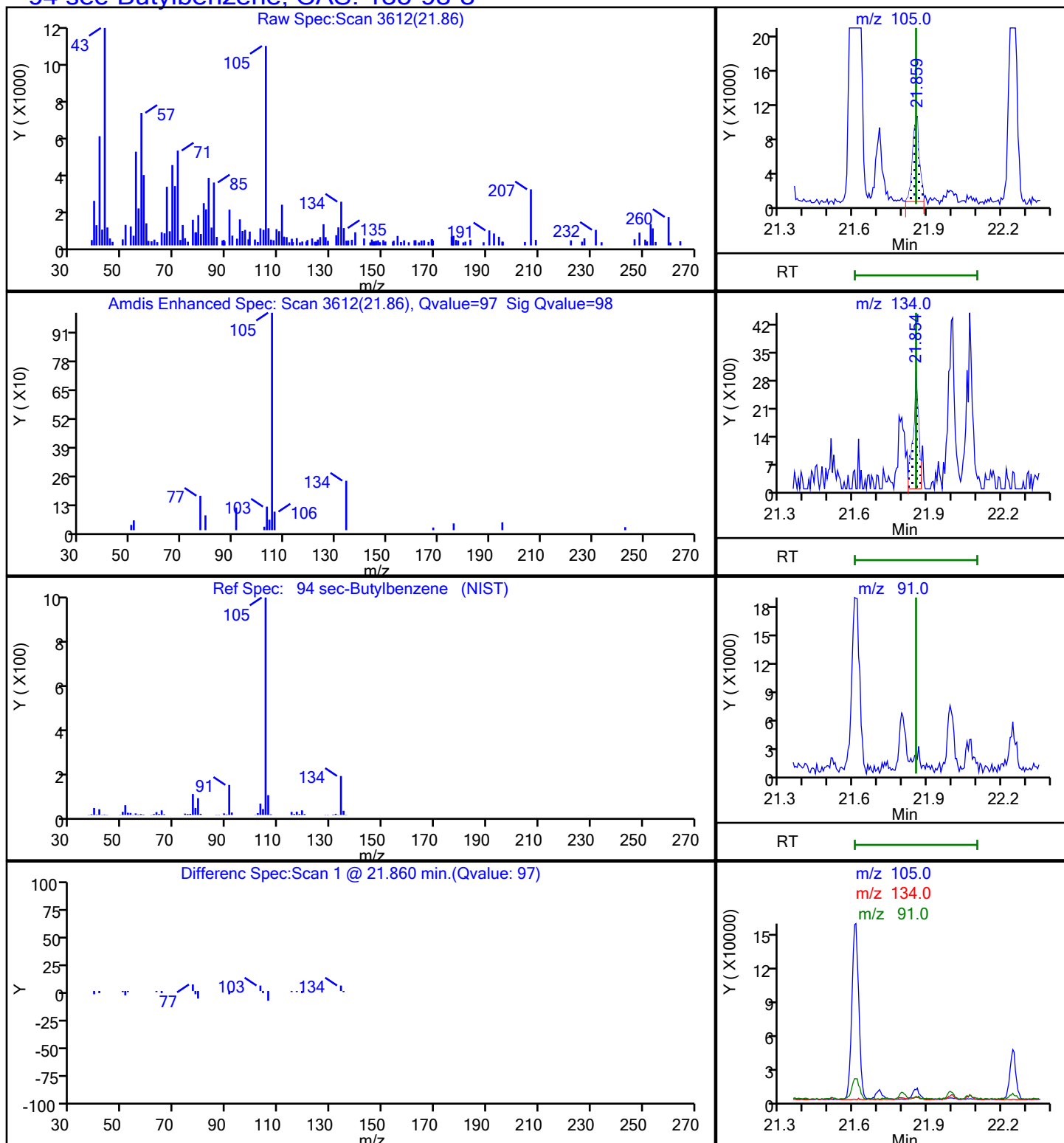
Method: TO15\_MasterMethod\_(v1)\_CHC.i

Limit Group: AI\_TO15\_ICAL

Column: RTX-624 ( 0.32 mm)

Detector: MS SCAN

## 94 sec-Butylbenzene, CAS: 135-98-8



## Eurofins TestAmerica, Burlington

Data File: \\chromfs\Burlington\ChromData\CHC.i\20201218-44136.b\44136-07.D

Injection Date: 18-Dec-2020 16:29:30

Instrument ID: CHC.i

Lims ID: 200-56451-A-6

Lab Sample ID: 200-56451-6

Client ID: SG-206

Operator ID: vtp

ALS Bottle#: 7

Worklist Smp#: 7

Purge Vol: 200.000 mL

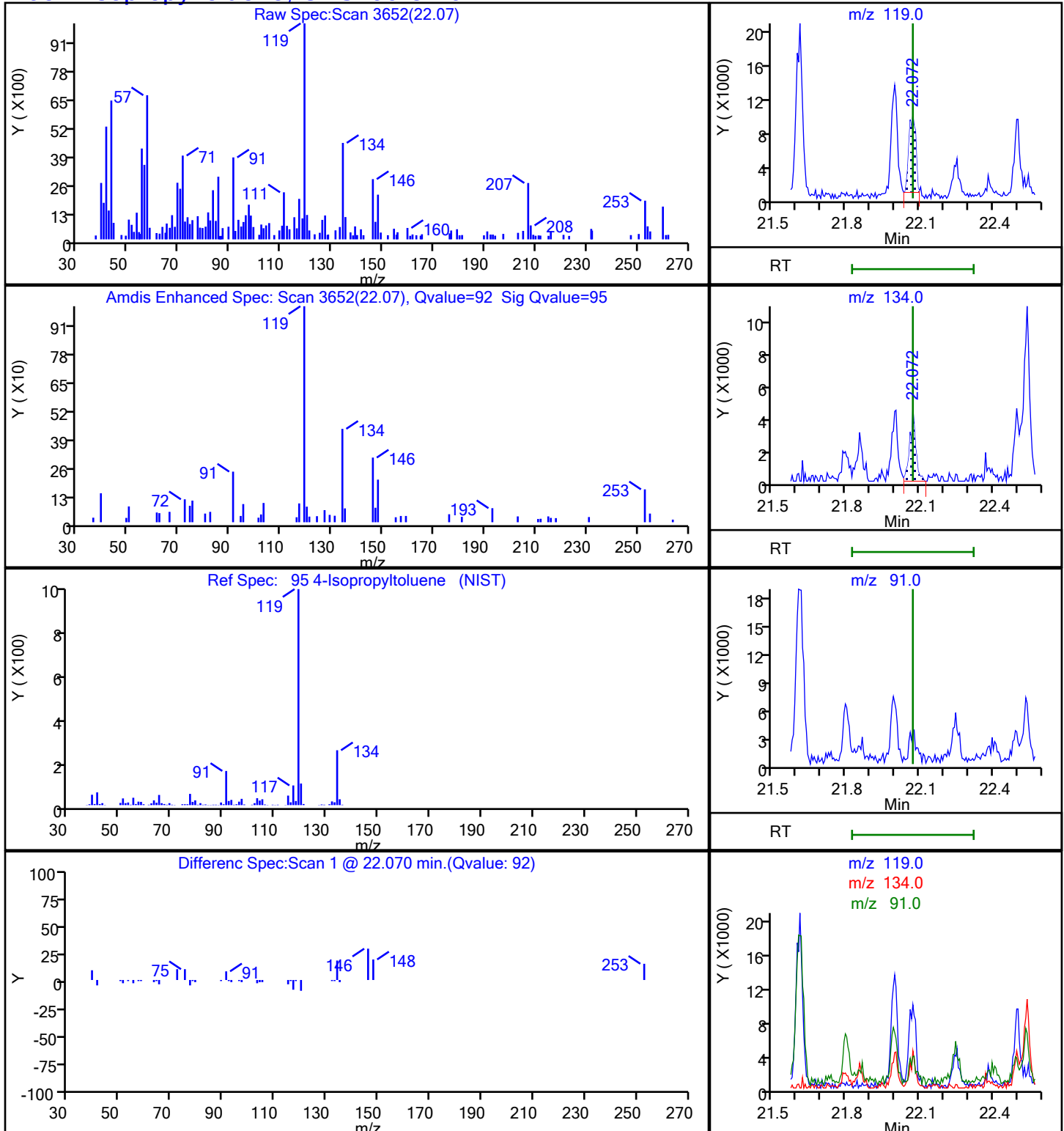
Dil. Factor: 1.0000

Method: TO15\_MasterMethod\_(v1)\_CHC.i

Limit Group: AI\_TO15\_ICAL

Column: RTX-624 ( 0.32 mm)

Detector: MS SCAN

**95 4-Isopropyltoluene, CAS: 99-87-6**

## Eurofins TestAmerica, Burlington

Data File: \\chromfs\Burlington\ChromData\CHC.i\20201218-44136.b\44136-07.D

Injection Date: 18-Dec-2020 16:29:30

Instrument ID: CHC.i

Lims ID: 200-56451-A-6

Lab Sample ID: 200-56451-6

Client ID: SG-206

Operator ID: vtp

ALS Bottle#: 7

Worklist Smp#: 7

Purge Vol: 200.000 mL

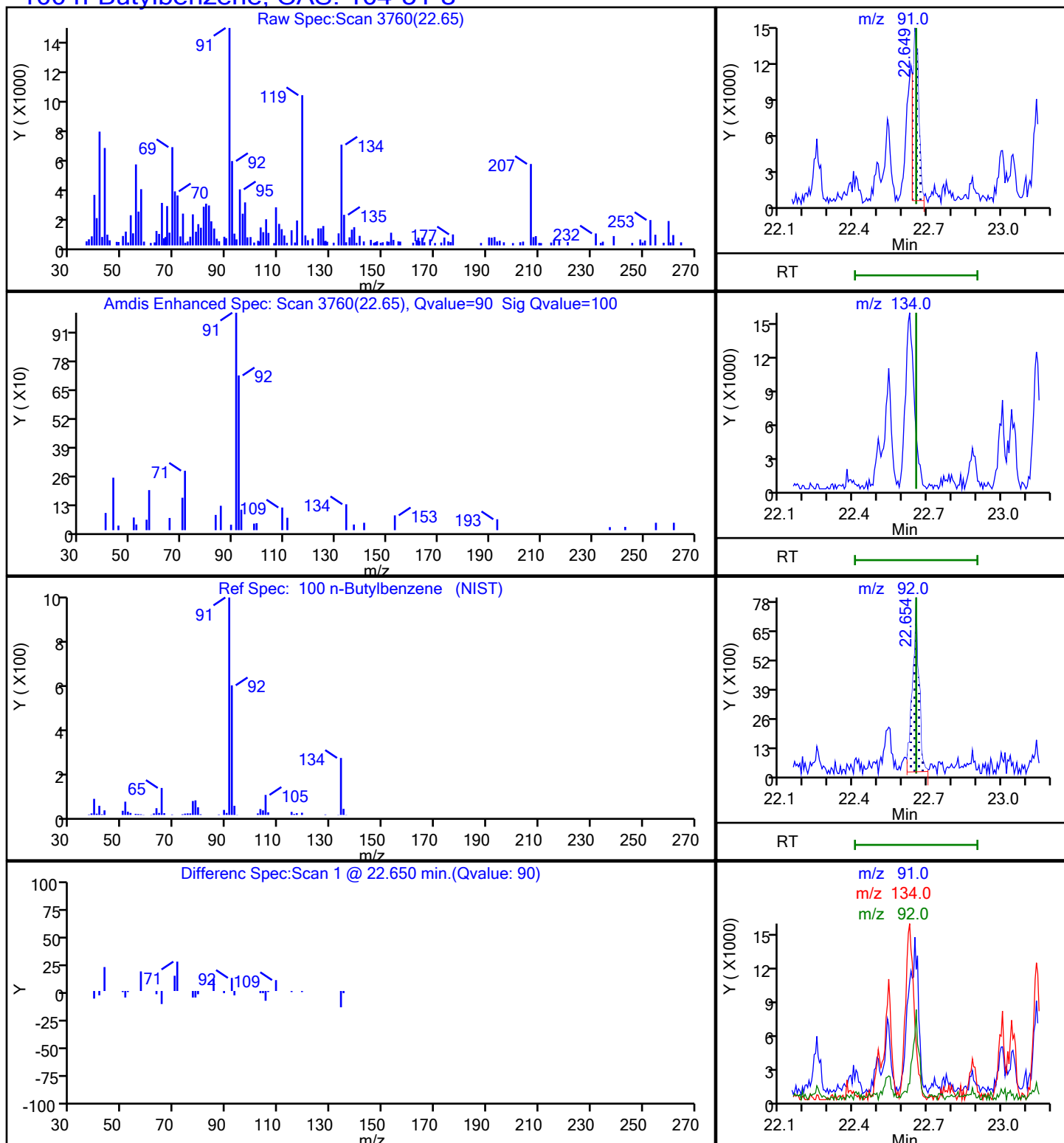
Dil. Factor: 1.0000

Method: TO15\_MasterMethod\_(v1)\_CHC.i

Limit Group: AI\_TO15\_ICAL

Column: RTX-624 ( 0.32 mm)

Detector: MS SCAN

**100 n-Butylbenzene, CAS: 104-51-8**

## Eurofins TestAmerica, Burlington

Data File: \\chromfs\Burlington\ChromData\CHC.i\20201218-44136.b\44136-07.D

Injection Date: 18-Dec-2020 16:29:30

Instrument ID: CHC.i

Lims ID: 200-56451-A-6

Lab Sample ID: 200-56451-6

Client ID: SG-206

Operator ID: vtp

ALS Bottle#:

7

Worklist Smp#: 7

Purge Vol: 200.000 mL

Dil. Factor: 1.0000

Method: TO15\_MasterMethod\_(v1)\_CHC.i

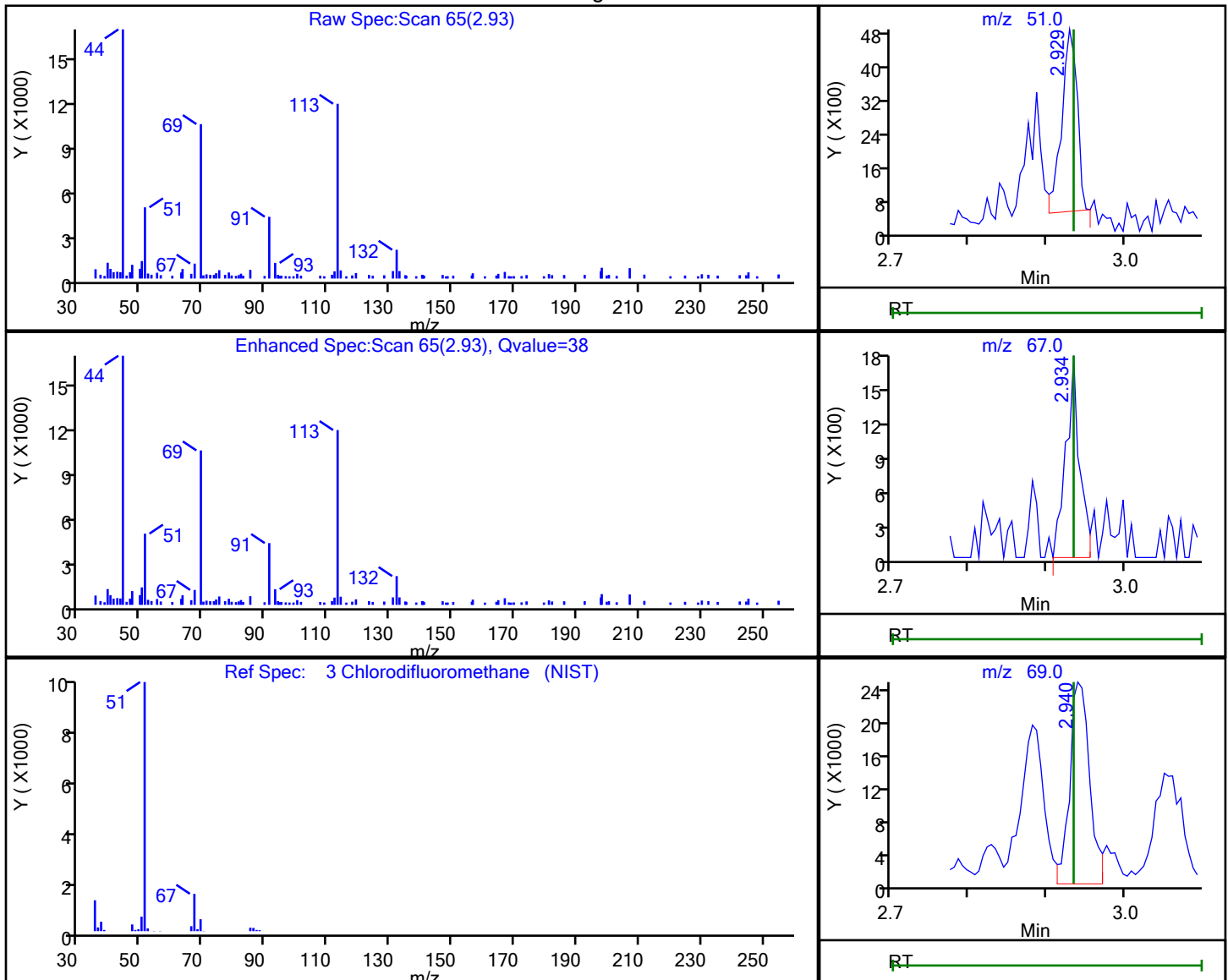
Limit Group: AI\_TO15\_ICAL

Column: RTX-624 ( 0.32 mm)

Detector: MS SCAN

## 3 Chlorodifluoromethane, CAS: 75-45-6

## Processing Results



| RT   | Mass  | Response | Amount   |
|------|-------|----------|----------|
| 2.93 | 51.00 | 6059     | 0.140748 |
| 2.93 | 67.00 | 2090     |          |
| 2.94 | 69.00 | 42284    |          |

Reviewer: puangmaleek, 21-Dec-2020 15:14:59

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

## Eurofins TestAmerica, Burlington

Data File: \\chromfs\Burlington\ChromData\CHC.i\20201218-44136.b\44136-07.D

Injection Date: 18-Dec-2020 16:29:30

Instrument ID: CHC.i

Lims ID: 200-56451-A-6

Lab Sample ID: 200-56451-6

Client ID: SG-206

Operator ID: vtp

ALS Bottle#:

7

Worklist Smp#: 7

Purge Vol: 200.000 mL

Dil. Factor: 1.0000

Method: TO15\_MasterMethod\_(v1)\_CHC.i

Limit Group: AI\_TO15\_ICAL

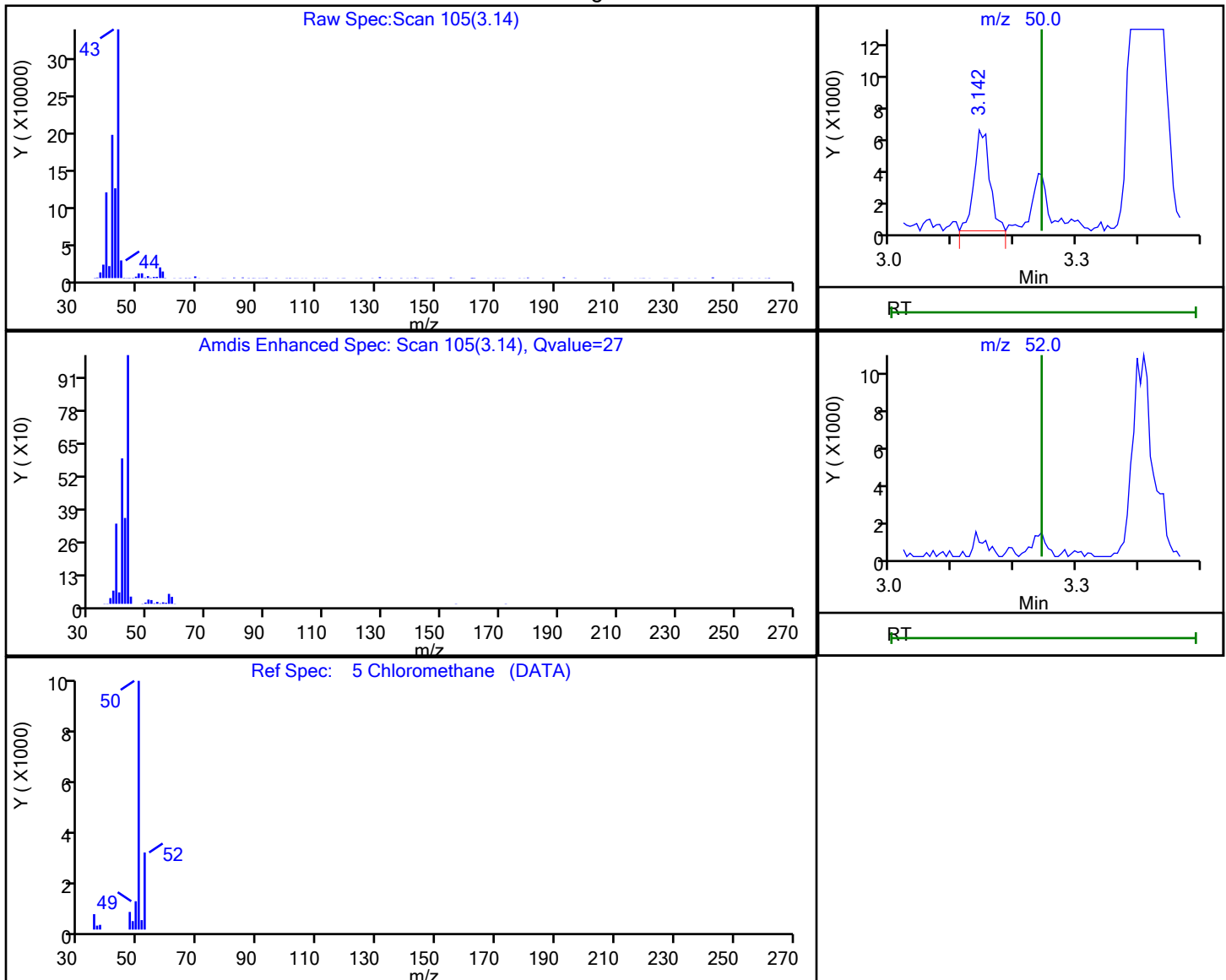
Column: RTX-624 ( 0.32 mm)

Detector

MS SCAN

## 5 Chloromethane, CAS: 74-87-3

## Processing Results



| RT   | Mass  | Response | Amount   |
|------|-------|----------|----------|
| 3.14 | 50.00 | 11043    | 0.630861 |
| 3.24 | 52.00 | 0        |          |

Reviewer: puangmaleek, 21-Dec-2020 15:15:02

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID



## Eurofins TestAmerica, Burlington

Data File: \\chromfs\Burlington\ChromData\CHC.i\20201218-44136.b\44136-07.D

Injection Date: 18-Dec-2020 16:29:30

Instrument ID: CHC.i

Lims ID: 200-56451-A-6

Lab Sample ID: 200-56451-6

Client ID: SG-206

Operator ID: vtp

ALS Bottle#:

7

Worklist Smp#: 7

Purge Vol: 200.000 mL

Dil. Factor: 1.0000

Method: TO15\_MasterMethod\_(v1)\_CHC.i

Limit Group: AI\_TO15\_ICAL

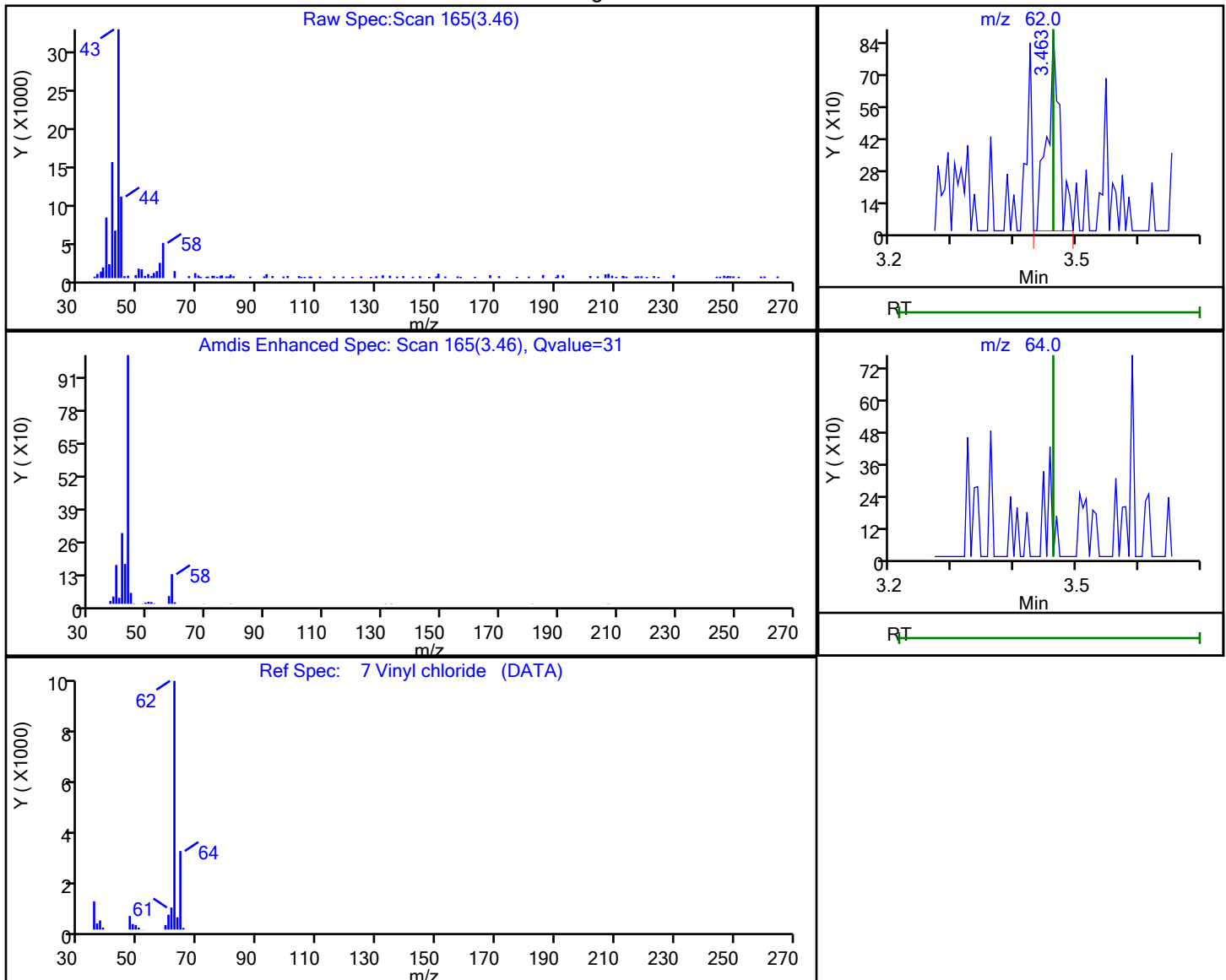
Column: RTX-624 ( 0.32 mm)

Detector

MS SCAN

## 7 Vinyl chloride, CAS: 75-01-4

## Processing Results



| RT   | Mass  | Response | Amount   |
|------|-------|----------|----------|
| 3.46 | 62.00 | 1235     | 0.055166 |
| 3.46 | 64.00 | 0        |          |

Reviewer: puangmaleek, 21-Dec-2020 15:15:04

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

## Eurofins TestAmerica, Burlington

Data File: \\chromfs\Burlington\ChromData\CHC.i\20201218-44136.b\44136-07.D

Injection Date: 18-Dec-2020 16:29:30

Instrument ID: CHC.i

Lims ID: 200-56451-A-6

Lab Sample ID: 200-56451-6

Client ID: SG-206

Operator ID: vtp

ALS Bottle#:

7

Worklist Smp#: 7

Purge Vol: 200.000 mL

Dil. Factor: 1.0000

Method: TO15\_MasterMethod\_(v1)\_CHC.i

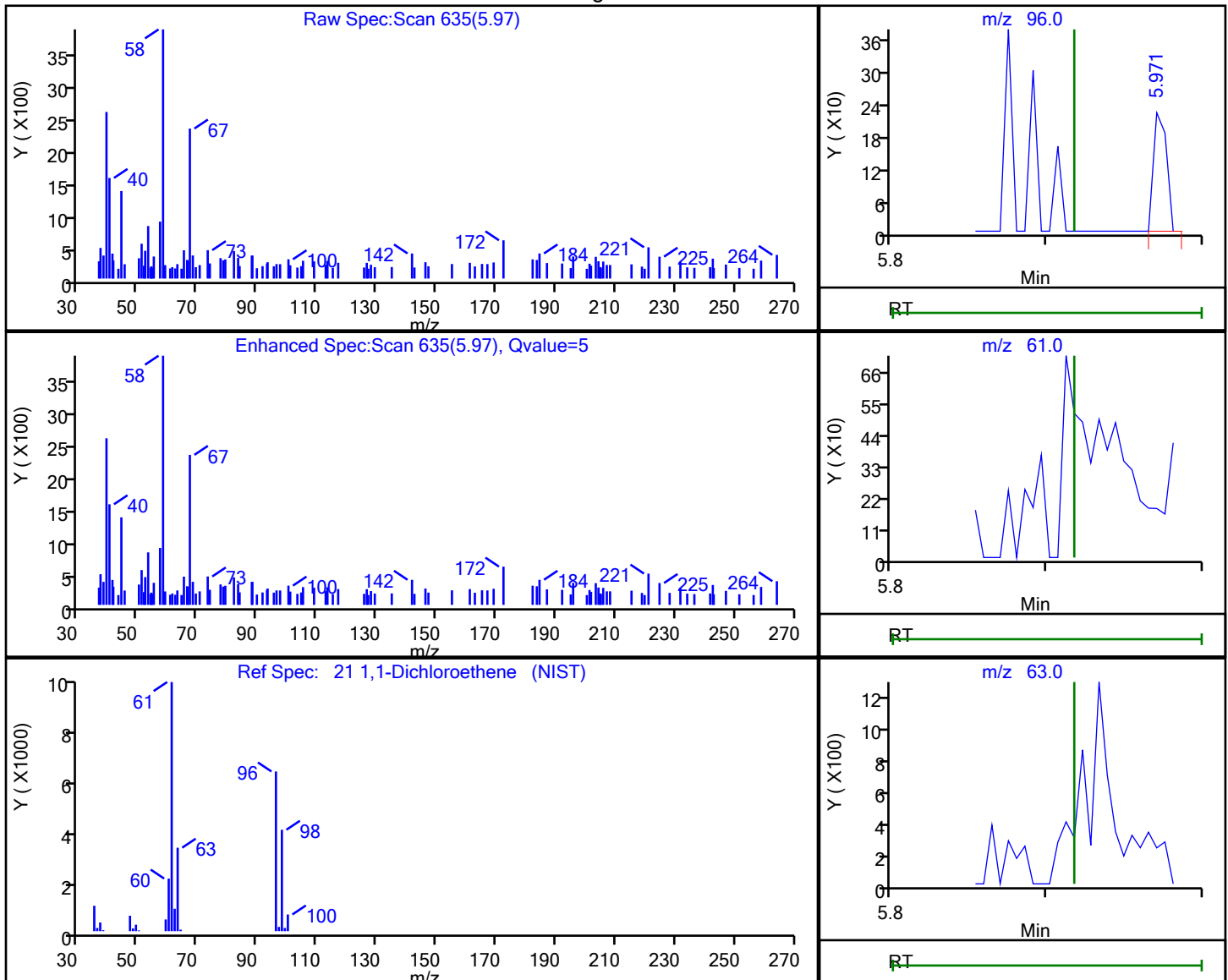
Limit Group: AI\_TO15\_ICAL

Column: RTX-624 ( 0.32 mm)

Detector: MS SCAN

## 21 1,1-Dichloroethene, CAS: 75-35-4

## Processing Results



| RT   | Mass  | Response | Amount   |
|------|-------|----------|----------|
| 5.97 | 96.00 | 131      | 0.005132 |
| 5.92 | 61.00 | 0        |          |
| 5.92 | 63.00 | 0        |          |

Reviewer: puangmaleek, 21-Dec-2020 15:15:11

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

## Eurofins TestAmerica, Burlington

Data File: \\chromfs\Burlington\ChromData\CHC.i\20201218-44136.b\44136-07.D

Injection Date: 18-Dec-2020 16:29:30

Instrument ID: CHC.i

Lims ID: 200-56451-A-6

Lab Sample ID: 200-56451-6

Client ID: SG-206

Operator ID: vtp

ALS Bottle#:

7

Worklist Smp#: 7

Purge Vol: 200.000 mL

Dil. Factor: 1.0000

Method: TO15\_MasterMethod\_(v1)\_CHC.i

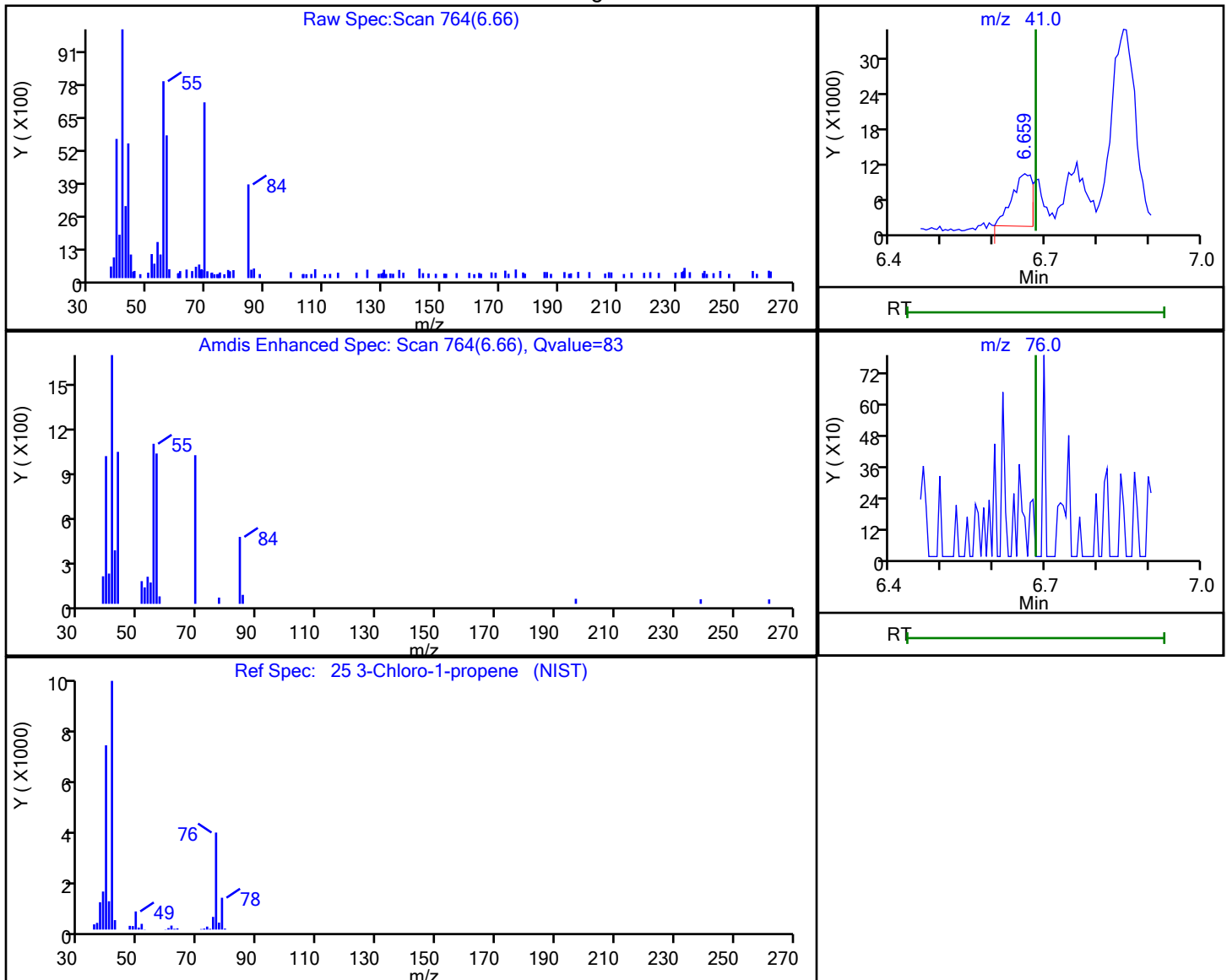
Limit Group: AI\_TO15\_ICAL

Column: RTX-624 ( 0.32 mm)

Detector: MS SCAN

## 25 3-Chloro-1-propene, CAS: 107-05-1

## Processing Results



| RT   | Mass  | Response | Amount   |
|------|-------|----------|----------|
| 6.66 | 41.00 | 24537    | 0.768453 |
| 6.68 | 76.00 | 0        |          |

Reviewer: puangmaleek, 21-Dec-2020 15:15:16

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

## Eurofins TestAmerica, Burlington

Data File: \\chromfs\Burlington\ChromData\CHC.i\20201218-44136.b\44136-07.D

Injection Date: 18-Dec-2020 16:29:30

Instrument ID: CHC.i

Lims ID: 200-56451-A-6

Lab Sample ID: 200-56451-6

Client ID: SG-206

Operator ID: vtp

ALS Bottle#:

7

Worklist Smp#: 7

Purge Vol: 200.000 mL

Dil. Factor: 1.0000

Method: TO15\_MasterMethod\_(v1)\_CHC.i

Limit Group: AI\_TO15\_ICAL

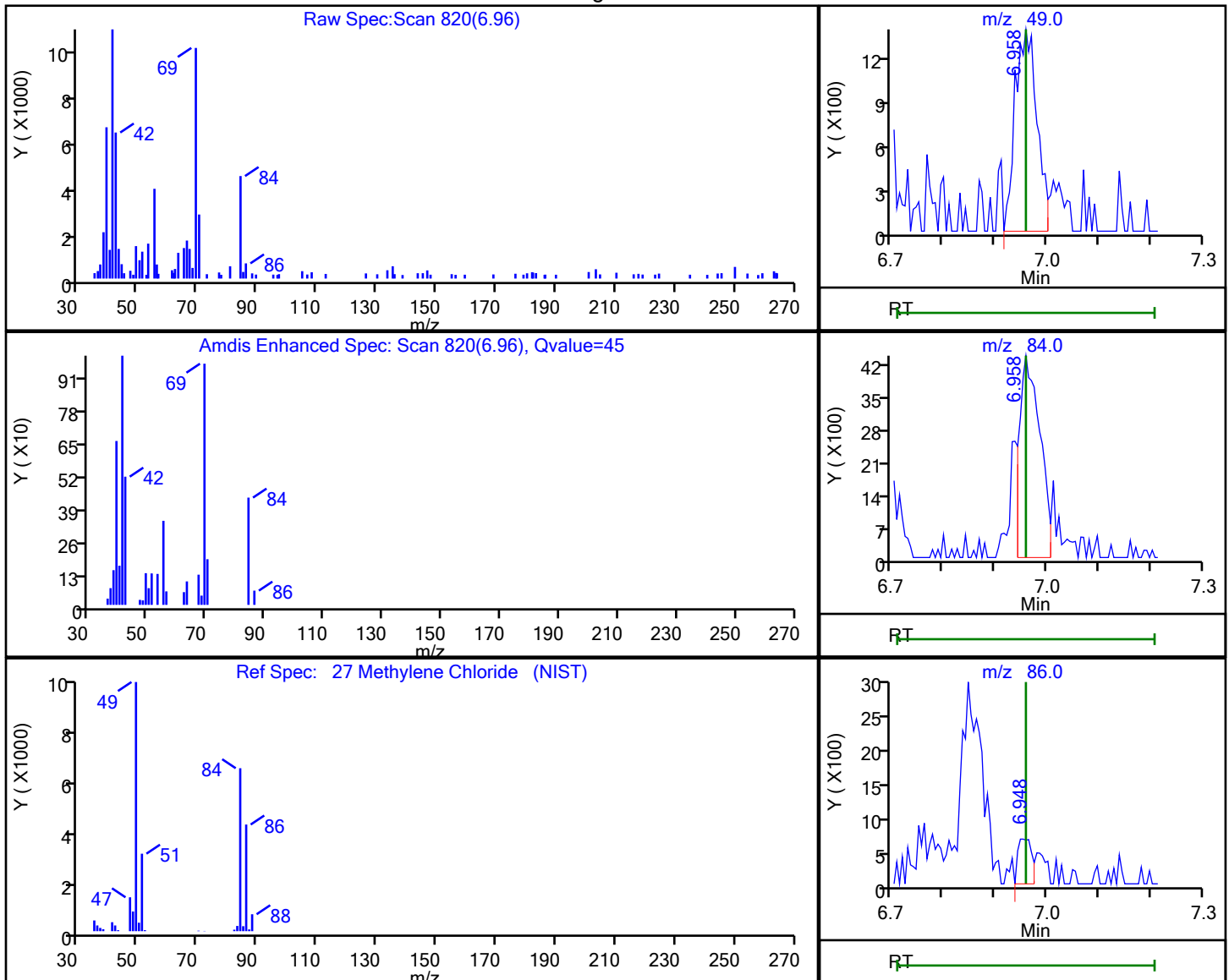
Column: RTX-624 ( 0.32 mm)

Detector

MS SCAN

## 27 Methylene Chloride, CAS: 75-09-2

## Processing Results



| RT   | Mass  | Response | Amount   |
|------|-------|----------|----------|
| 6.96 | 49.00 | 4064     | 0.142142 |
| 6.96 | 84.00 | 11931    |          |
| 6.95 | 86.00 | 1242     |          |

Reviewer: puangmaleek, 21-Dec-2020 15:15:18

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

## Eurofins TestAmerica, Burlington

Data File: \\chromfs\Burlington\ChromData\CHC.i\20201218-44136.b\44136-07.D

Injection Date: 18-Dec-2020 16:29:30

Instrument ID: CHC.i

Lims ID: 200-56451-A-6

Lab Sample ID: 200-56451-6

Client ID: SG-206

Operator ID: vtp

ALS Bottle#:

7

Worklist Smp#: 7

Purge Vol: 200.000 mL

Dil. Factor: 1.0000

Method: TO15\_MasterMethod\_(v1)\_CHC.i

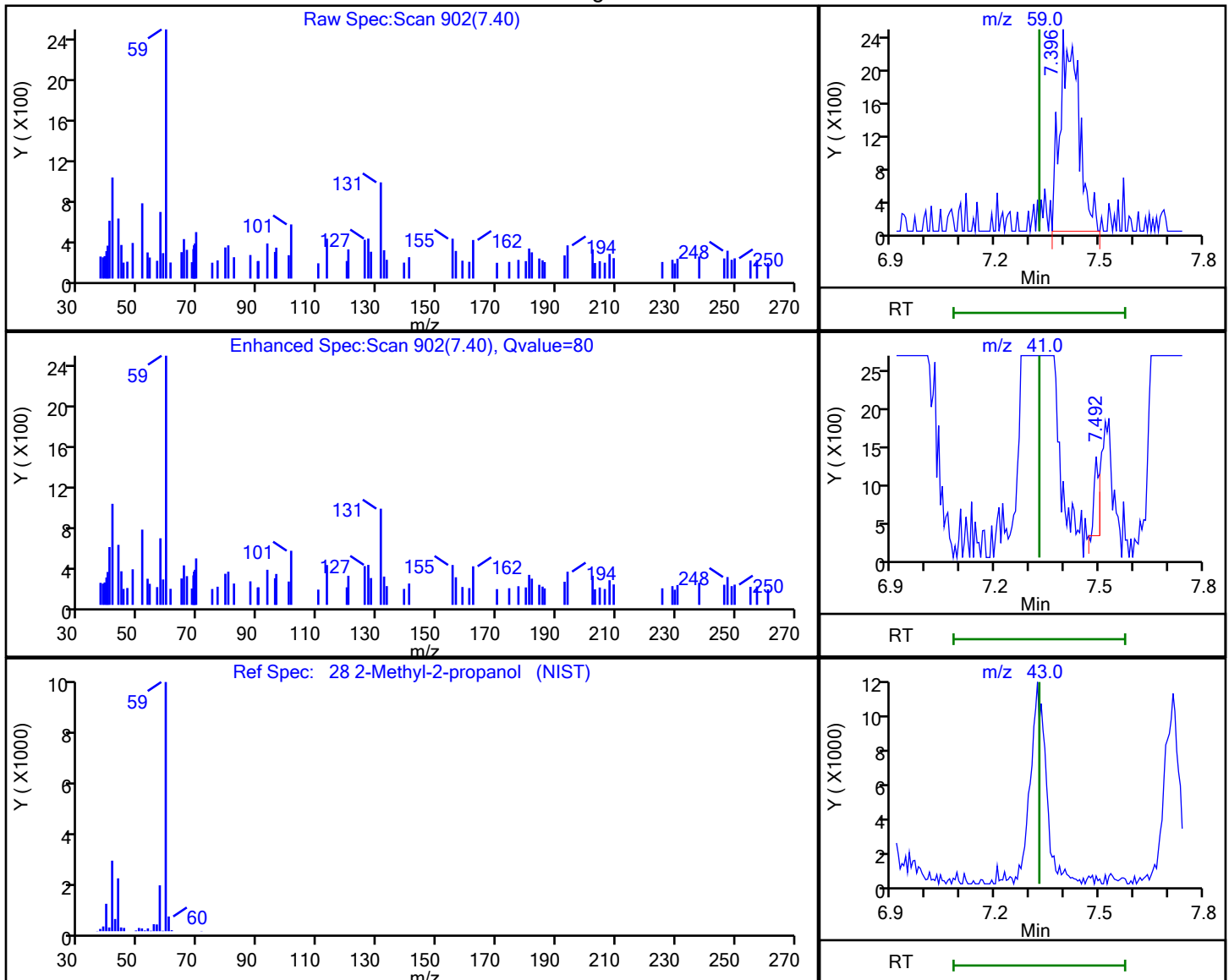
Limit Group: AI\_TO15\_ICAL

Column: RTX-624 (0.32 mm)

Detector: MS SCAN

## 28 2-Methyl-2-propanol, CAS: 75-65-0

## Processing Results



| RT   | Mass  | Response | Amount   |
|------|-------|----------|----------|
| 7.40 | 59.00 | 9442     | 0.191562 |
| 7.49 | 41.00 | 1084     |          |
| 7.33 | 43.00 | 0        |          |

Reviewer: puangmaleek, 21-Dec-2020 15:15:20

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

## Eurofins TestAmerica, Burlington

Data File: \\chromfs\Burlington\ChromData\CHC.i\20201218-44136.b\44136-07.D

Injection Date: 18-Dec-2020 16:29:30

Instrument ID: CHC.i

Lims ID: 200-56451-A-6

Lab Sample ID: 200-56451-6

Client ID: SG-206

Operator ID: vtp

ALS Bottle#:

7

Worklist Smp#: 7

Purge Vol: 200.000 mL

Dil. Factor: 1.0000

Method: TO15\_MasterMethod\_(v1)\_CHC.i

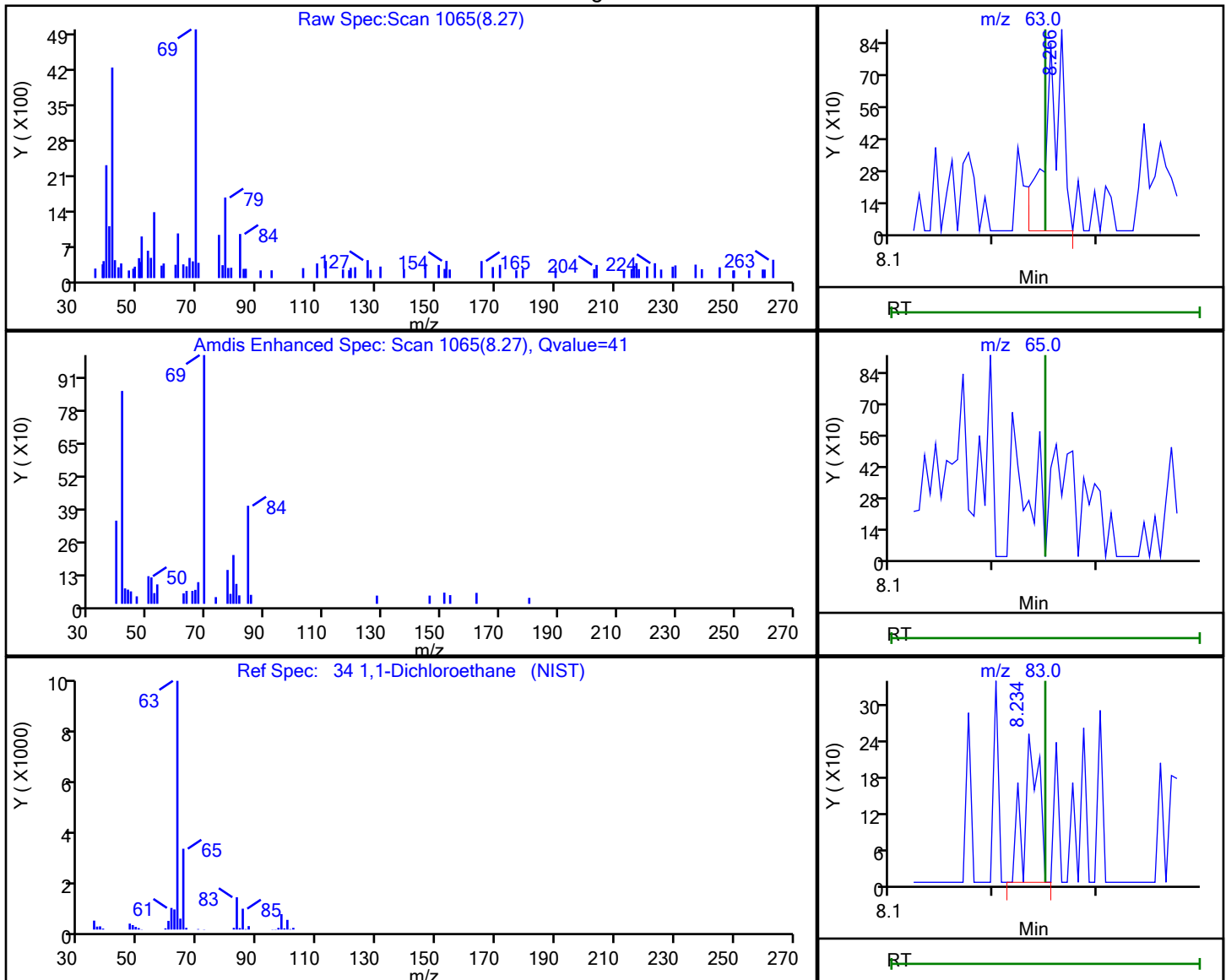
Limit Group: AI\_TO15\_ICAL

Column: RTX-624 ( 0.32 mm)

Detector: MS SCAN

## 34 1,1-Dichloroethane, CAS: 75-34-3

## Processing Results



| RT   | Mass  | Response | Amount   |
|------|-------|----------|----------|
| 8.27 | 63.00 | 1010     | 0.019681 |
| 8.25 | 65.00 | 0        |          |
| 8.23 | 83.00 | 247      |          |

Reviewer: puangmaleek, 21-Dec-2020 15:15:25

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

## Eurofins TestAmerica, Burlington

Data File: \\chromfs\Burlington\ChromData\CHC.i\20201218-44136.b\44136-07.D

Injection Date: 18-Dec-2020 16:29:30

Instrument ID: CHC.i

Lims ID: 200-56451-A-6

Lab Sample ID: 200-56451-6

Client ID: SG-206

Operator ID: vtp

ALS Bottle#:

7

Worklist Smp#: 7

Purge Vol: 200.000 mL

Dil. Factor: 1.0000

Method: TO15\_MasterMethod\_(v1)\_CHC.i

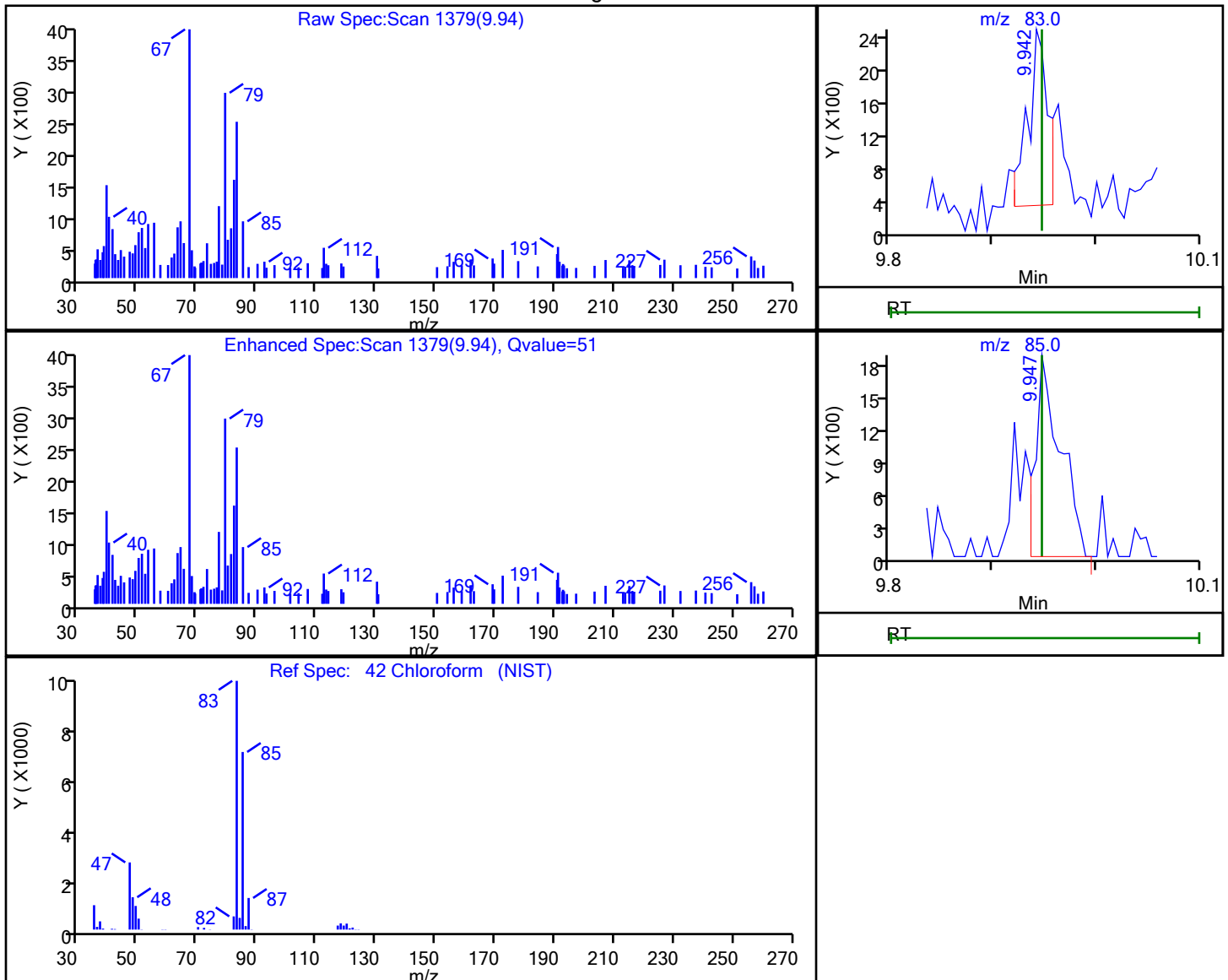
Limit Group: AI\_TO15\_ICAL

Column: RTX-624 ( 0.32 mm)

Detector: MS SCAN

## 42 Chloroform, CAS: 67-66-3

## Processing Results



| RT   | Mass  | Response | Amount   |
|------|-------|----------|----------|
| 9.94 | 83.00 | 2911     | 0.036746 |
| 9.95 | 85.00 | 3094     |          |

Reviewer: puangmaleek, 21-Dec-2020 15:15:31

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

## Eurofins TestAmerica, Burlington

Data File: \\chromfs\Burlington\ChromData\CHC.i\20201218-44136.b\44136-07.D

Injection Date: 18-Dec-2020 16:29:30

Instrument ID: CHC.i

Lims ID: 200-56451-A-6

Lab Sample ID: 200-56451-6

Client ID: SG-206

Operator ID: vtp

ALS Bottle#:

7

Worklist Smp#: 7

Purge Vol: 200.000 mL

Dil. Factor: 1.0000

Method: TO15\_MasterMethod\_(v1)\_CHC.i

Limit Group: AI\_TO15\_ICAL

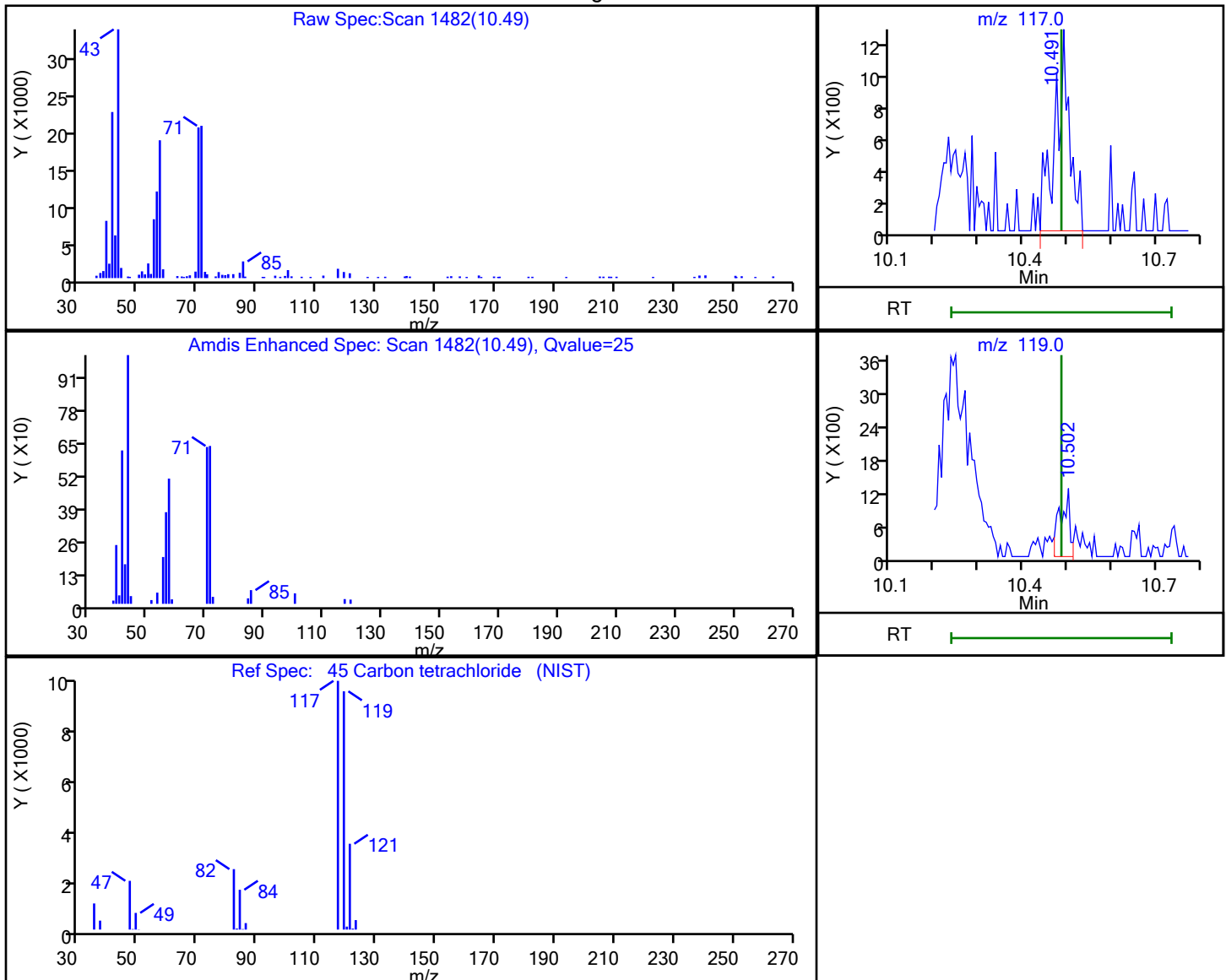
Column: RTX-624 ( 0.32 mm)

Detector

MS SCAN

## 45 Carbon tetrachloride, CAS: 56-23-5

## Processing Results



| RT    | Mass   | Response | Amount   |
|-------|--------|----------|----------|
| 10.49 | 117.00 | 2813     | 0.025814 |
| 10.50 | 119.00 | 1853     |          |

Reviewer: puangmaleek, 21-Dec-2020 15:15:35

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID



## Eurofins TestAmerica, Burlington

Data File: \\chromfs\Burlington\ChromData\CHC.i\20201218-44136.b\44136-07.D

Injection Date: 18-Dec-2020 16:29:30

Instrument ID: CHC.i

Lims ID: 200-56451-A-6

Lab Sample ID: 200-56451-6

Client ID: SG-206

Operator ID: vtp

ALS Bottle#:

7

Worklist Smp#: 7

Purge Vol: 200.000 mL

Dil. Factor: 1.0000

Method: TO15\_MasterMethod\_(v1)\_CHC.i

Limit Group: AI\_TO15\_ICAL

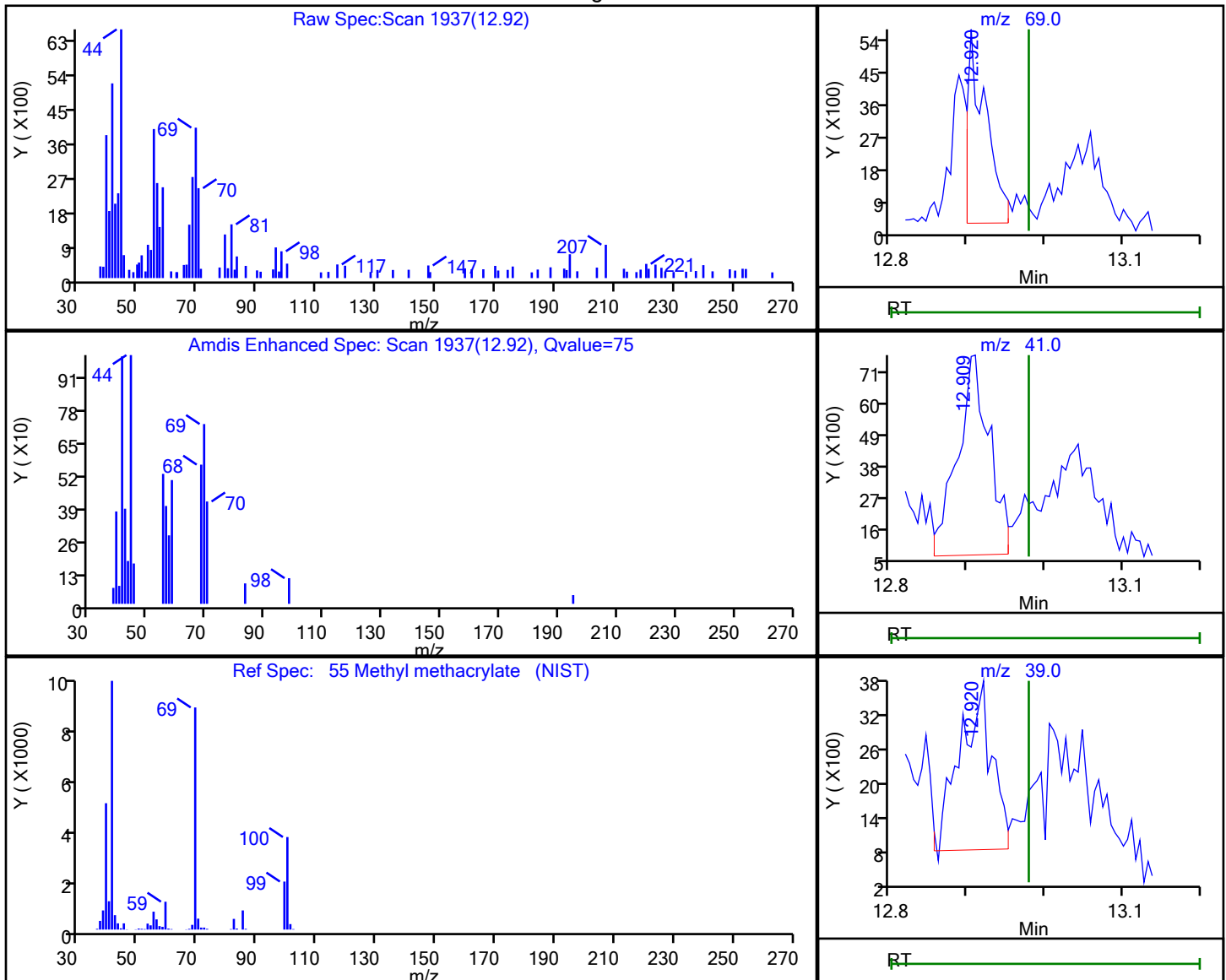
Column: RTX-624 ( 0.32 mm)

Detector

MS SCAN

## 55 Methyl methacrylate, CAS: 80-62-6

## Processing Results



| RT    | Mass  | Response | Amount   |
|-------|-------|----------|----------|
| 12.92 | 69.00 | 8896     | 0.202079 |
| 12.91 | 41.00 | 20325    |          |
| 12.92 | 39.00 | 8479     |          |

Reviewer: puangmaleek, 21-Dec-2020 15:15:51

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

## Eurofins TestAmerica, Burlington

Data File: \\chromfs\Burlington\ChromData\CHC.i\20201218-44136.b\44136-07.D

Injection Date: 18-Dec-2020 16:29:30

Instrument ID: CHC.i

Lims ID: 200-56451-A-6

Lab Sample ID: 200-56451-6

Client ID: SG-206

Operator ID: vtp

ALS Bottle#:

7

Worklist Smp#: 7

Purge Vol: 200.000 mL

Dil. Factor: 1.0000

Method: TO15\_MasterMethod\_(v1)\_CHC.i

Limit Group: AI\_TO15\_ICAL

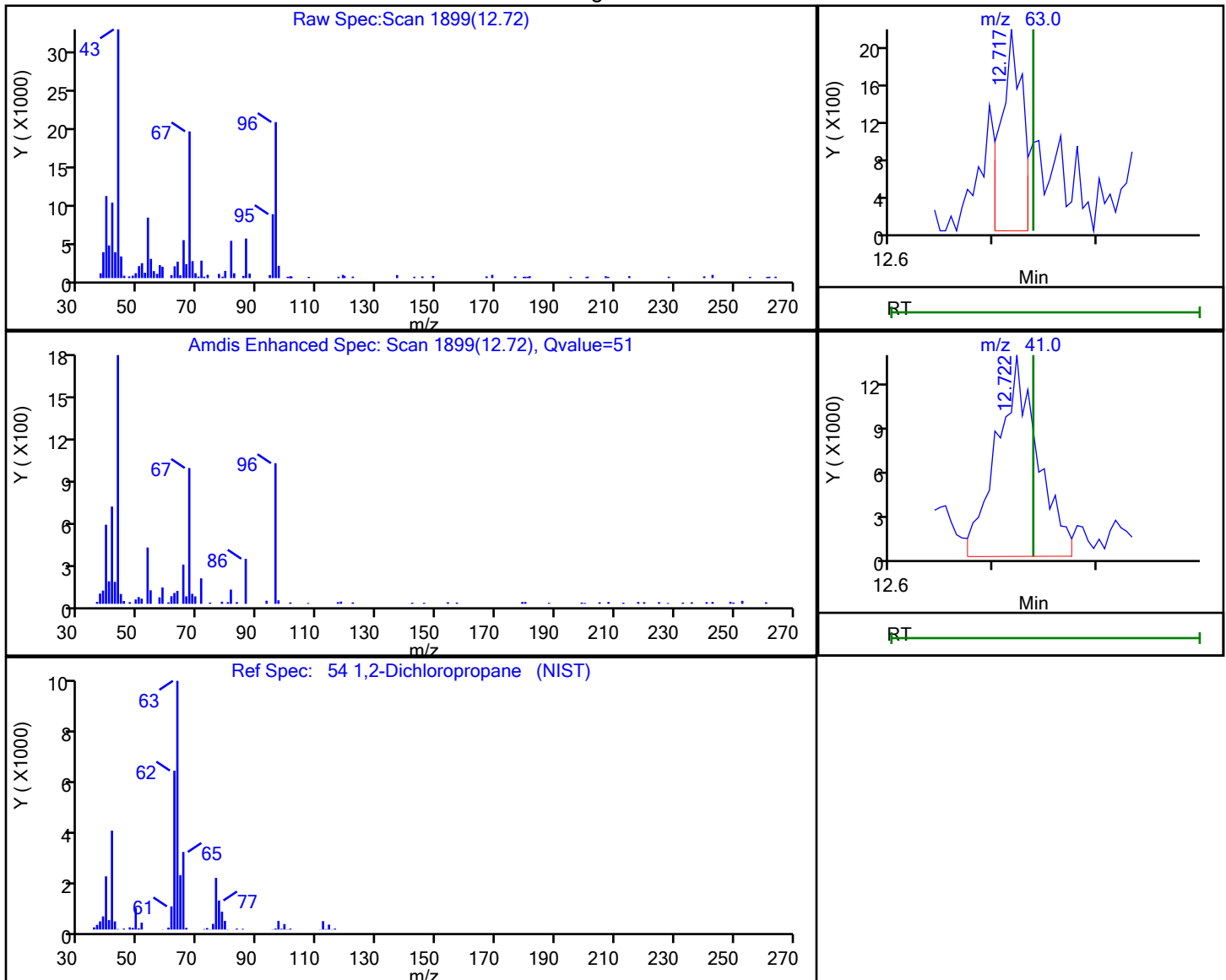
Column: RTX-624 ( 0.32 mm)

Detector

MS SCAN

## 54 1,2-Dichloropropane, CAS: 78-87-5

## Processing Results



| RT    | Mass  | Response | Amount   |
|-------|-------|----------|----------|
| 12.72 | 63.00 | 3094     | 0.068421 |
| 12.72 | 41.00 | 36645    |          |

Reviewer: puangmaleek, 21-Dec-2020 15:15:49

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

## Eurofins TestAmerica, Burlington

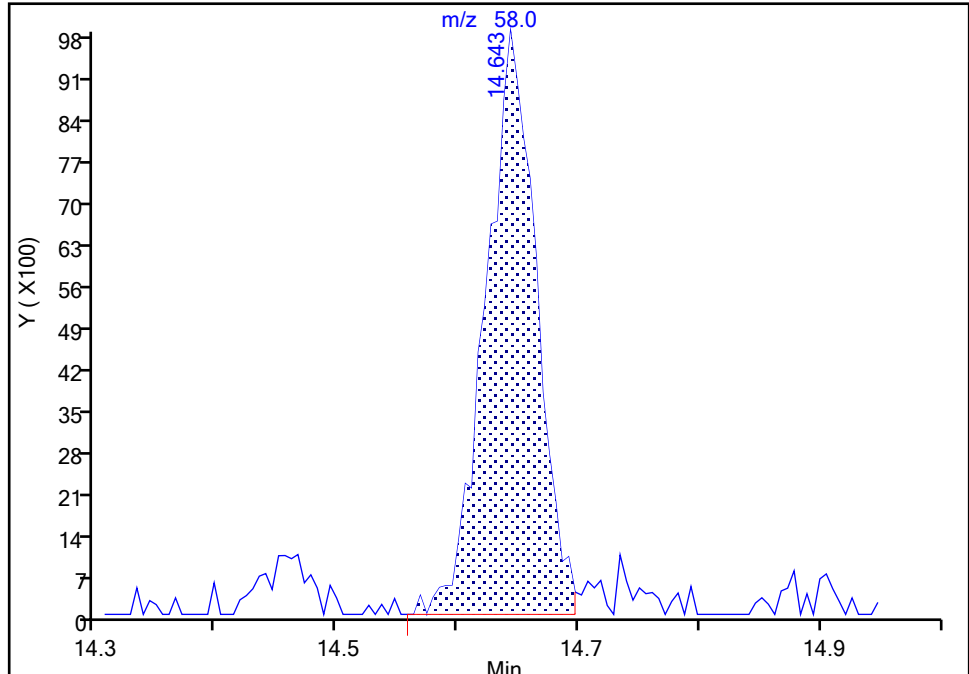
|                 |                                                                  |                |              |
|-----------------|------------------------------------------------------------------|----------------|--------------|
| Data File:      | \\chromfs\Burlington\ChromData\CHC.i\20201218-44136.b\44136-07.D |                |              |
| Injection Date: | 18-Dec-2020 16:29:30                                             | Instrument ID: | CHC.i        |
| Lims ID:        | 200-56451-A-6                                                    | Lab Sample ID: | 200-56451-6  |
| Client ID:      | SG-206                                                           |                |              |
| Operator ID:    | vtp                                                              | ALS Bottle#:   | 7            |
| 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      |
|                 |                                                                  | Worklist Smp#: | 7            |

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

Signal: 2

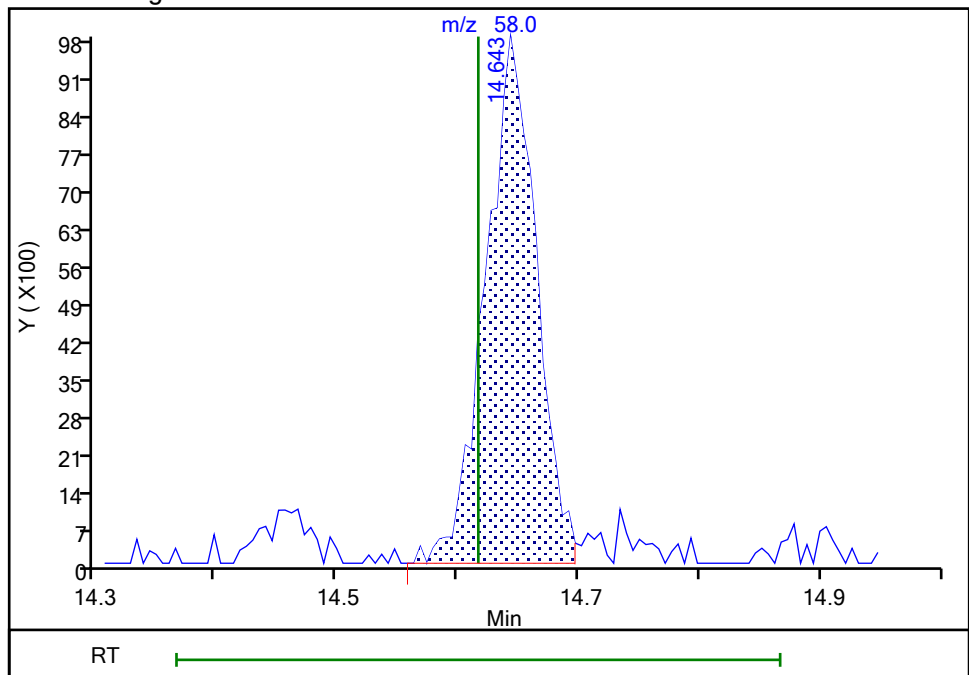
RT: 14.64  
Area: 28780  
Amount: 0.630438  
Amount Units: ppb v/v

## Processing Integration Results



RT: 14.64  
Area: 28780  
Amount: 0.630438  
Amount Units: ppb v/v

## Manual Integration Results



Reviewer: puangmaleek, 21-Dec-2020 15:16:01

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

## Eurofins TestAmerica, Burlington

Data File: \\chromfs\Burlington\ChromData\CHC.i\20201218-44136.b\44136-07.D

Injection Date: 18-Dec-2020 16:29:30

Instrument ID: CHC.i

Lims ID: 200-56451-A-6

Lab Sample ID: 200-56451-6

Client ID: SG-206

Operator ID: vtp

ALS Bottle#:

7

Worklist Smp#: 7

Purge Vol: 200.000 mL

Dil. Factor: 1.0000

Method: TO15\_MasterMethod\_(v1)\_CHC.i

Limit Group:

AI\_TO15\_ICAL

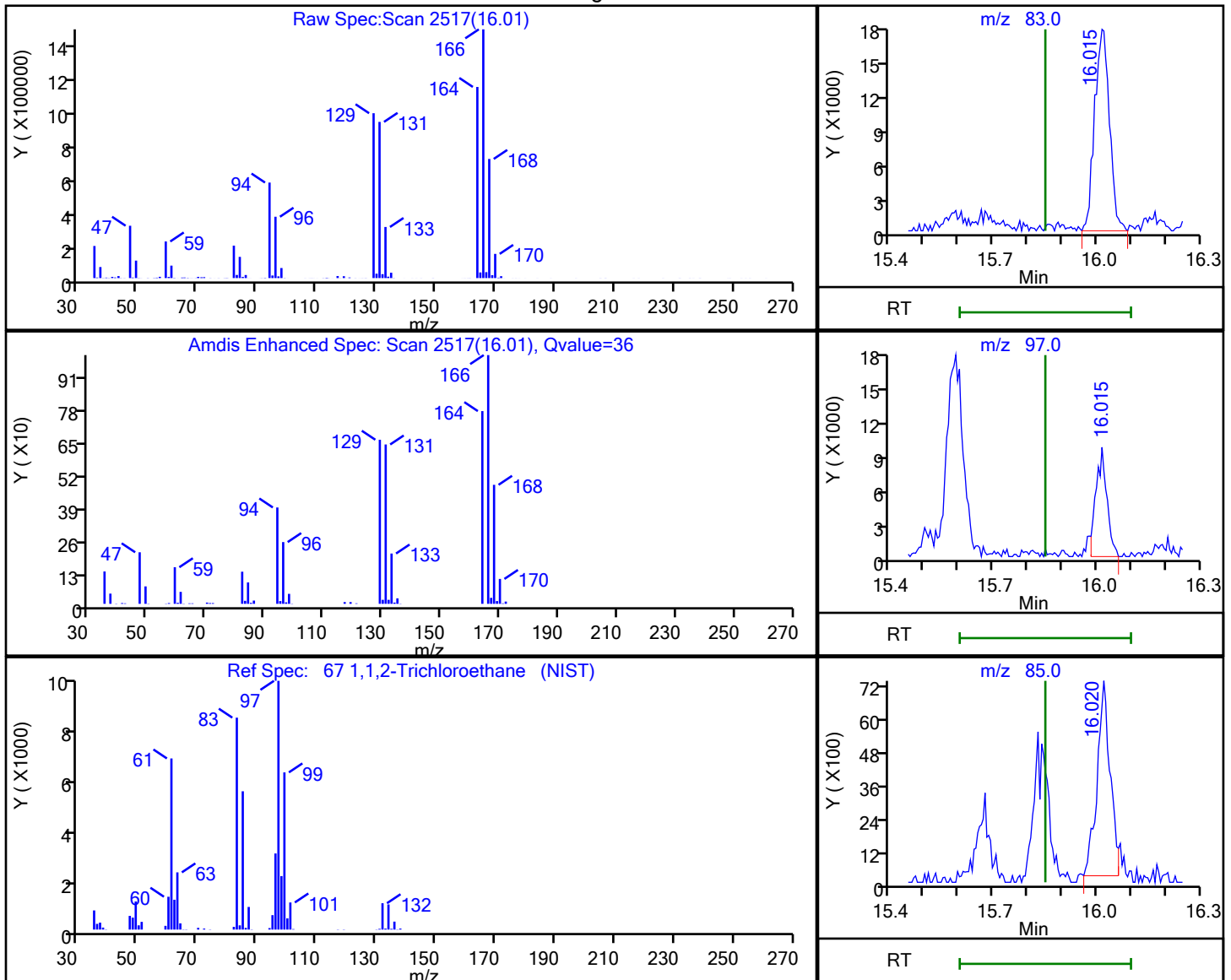
Column: RTX-624 ( 0.32 mm)

Detector

MS SCAN

## 67 1,1,2-Trichloroethane, CAS: 79-00-5

## Processing Results



| RT    | Mass  | Response | Amount   |
|-------|-------|----------|----------|
| 16.01 | 83.00 | 53413    | 1.012329 |
| 16.01 | 97.00 | 21267    |          |
| 16.02 | 85.00 | 18831    |          |

Reviewer: puangmaleek, 21-Dec-2020 15:16:07

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

## Eurofins TestAmerica, Burlington

Data File: \\chromfs\Burlington\ChromData\CHC.i\20201218-44136.b\44136-07.D

Injection Date: 18-Dec-2020 16:29:30

Instrument ID: CHC.i

Lims ID: 200-56451-A-6

Lab Sample ID: 200-56451-6

Client ID: SG-206

Operator ID: vtp

ALS Bottle#:

7

Worklist Smp#: 7

Purge Vol: 200.000 mL

Dil. Factor: 1.0000

Method: TO15\_MasterMethod\_(v1)\_CHC.i

Limit Group:

AI\_TO15\_ICAL

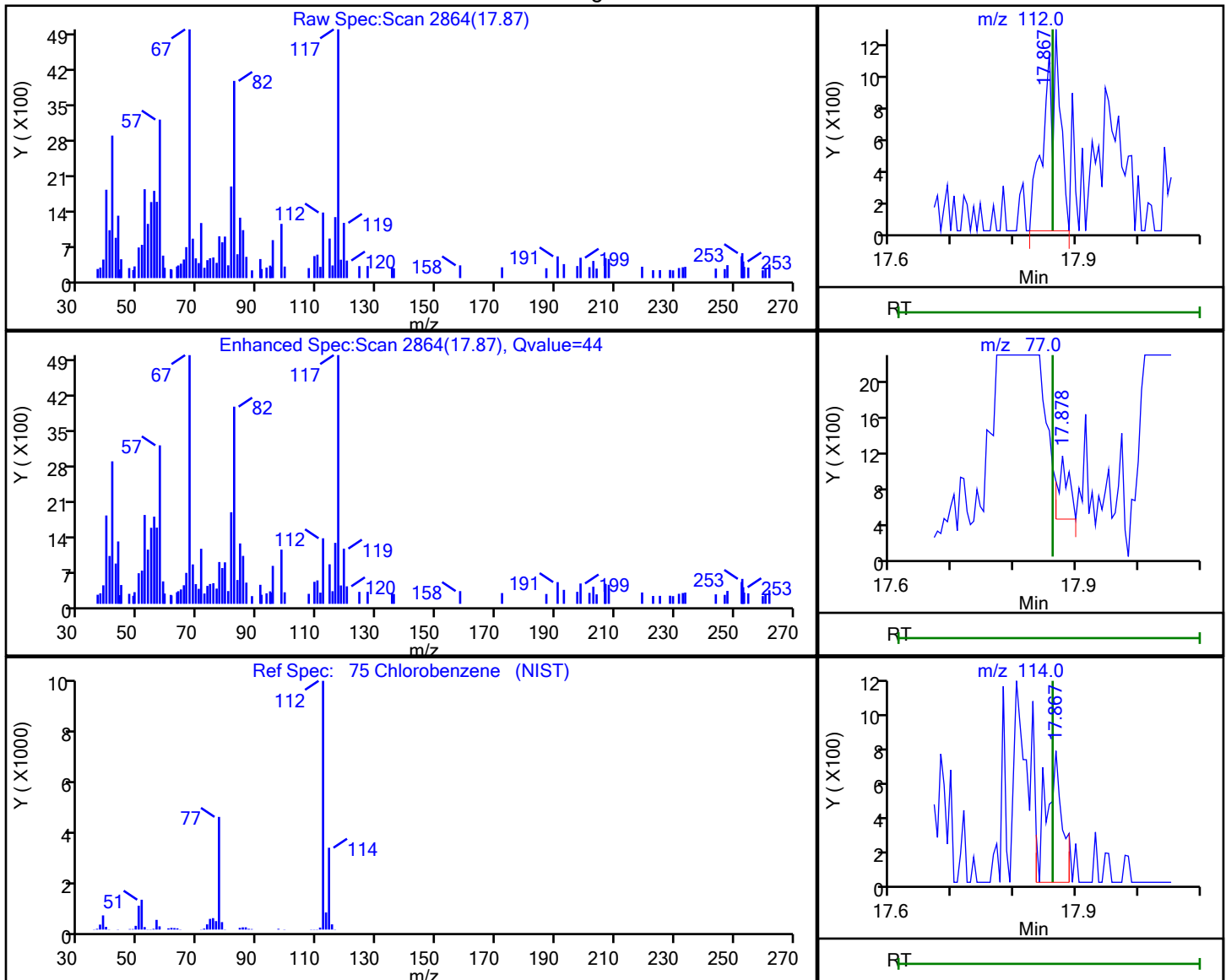
Column: RTX-624 ( 0.32 mm)

Detector

MS SCAN

## 75 Chlorobenzene, CAS: 108-90-7

## Processing Results



| RT    | Mass   | Response | Amount   |
|-------|--------|----------|----------|
| 17.87 | 112.00 | 2270     | 0.014053 |
| 17.88 | 77.00  | 812      |          |
| 17.87 | 114.00 | 1418     |          |

Reviewer: puangmaleek, 21-Dec-2020 15:16:12

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

## Eurofins TestAmerica, Burlington

Data File: \\chromfs\Burlington\ChromData\CHC.i\20201218-44136.b\44136-07.D

Injection Date: 18-Dec-2020 16:29:30

Instrument ID: CHC.i

Lims ID: 200-56451-A-6

Lab Sample ID: 200-56451-6

Client ID: SG-206

Operator ID: vtp

ALS Bottle#:

7

Worklist Smp#: 7

Purge Vol: 200.000 mL

Dil. Factor: 1.0000

Method: TO15\_MasterMethod\_(v1)\_CHC.i

Limit Group:

AI\_TO15\_ICAL

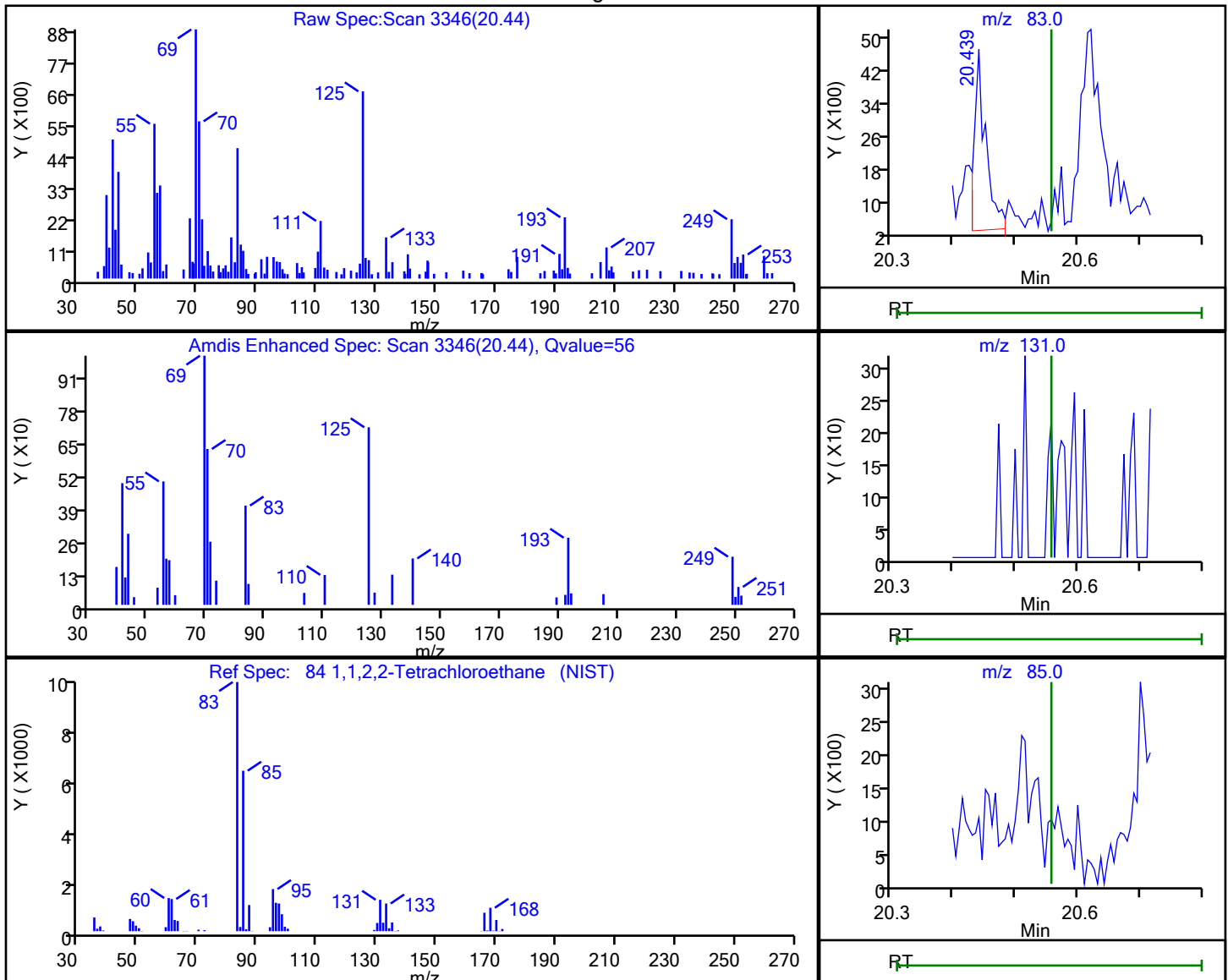
Column: RTX-624 ( 0.32 mm)

Detector

MS SCAN

## 84 1,1,2,2-Tetrachloroethane, CAS: 79-34-5

## Processing Results



| RT    | Mass   | Response | Amount   |
|-------|--------|----------|----------|
| 20.44 | 83.00  | 5518     | 0.038343 |
| 20.56 | 131.00 | 0        |          |
| 20.56 | 85.00  | 0        |          |

Reviewer: puangmaleek, 21-Dec-2020 15:16:22

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

## Eurofins TestAmerica, Burlington

Data File: \\chromfs\Burlington\ChromData\CHC.i\20201218-44136.b\44136-07.D

Injection Date: 18-Dec-2020 16:29:30

Instrument ID: CHC.i

Lims ID: 200-56451-A-6

Lab Sample ID: 200-56451-6

Client ID: SG-206

Operator ID: vtp

ALS Bottle#:

7

Worklist Smp#: 7

Purge Vol: 200.000 mL

Dil. Factor: 1.0000

Method: TO15\_MasterMethod\_(v1)\_CHC.i

Limit Group: AI\_TO15\_ICAL

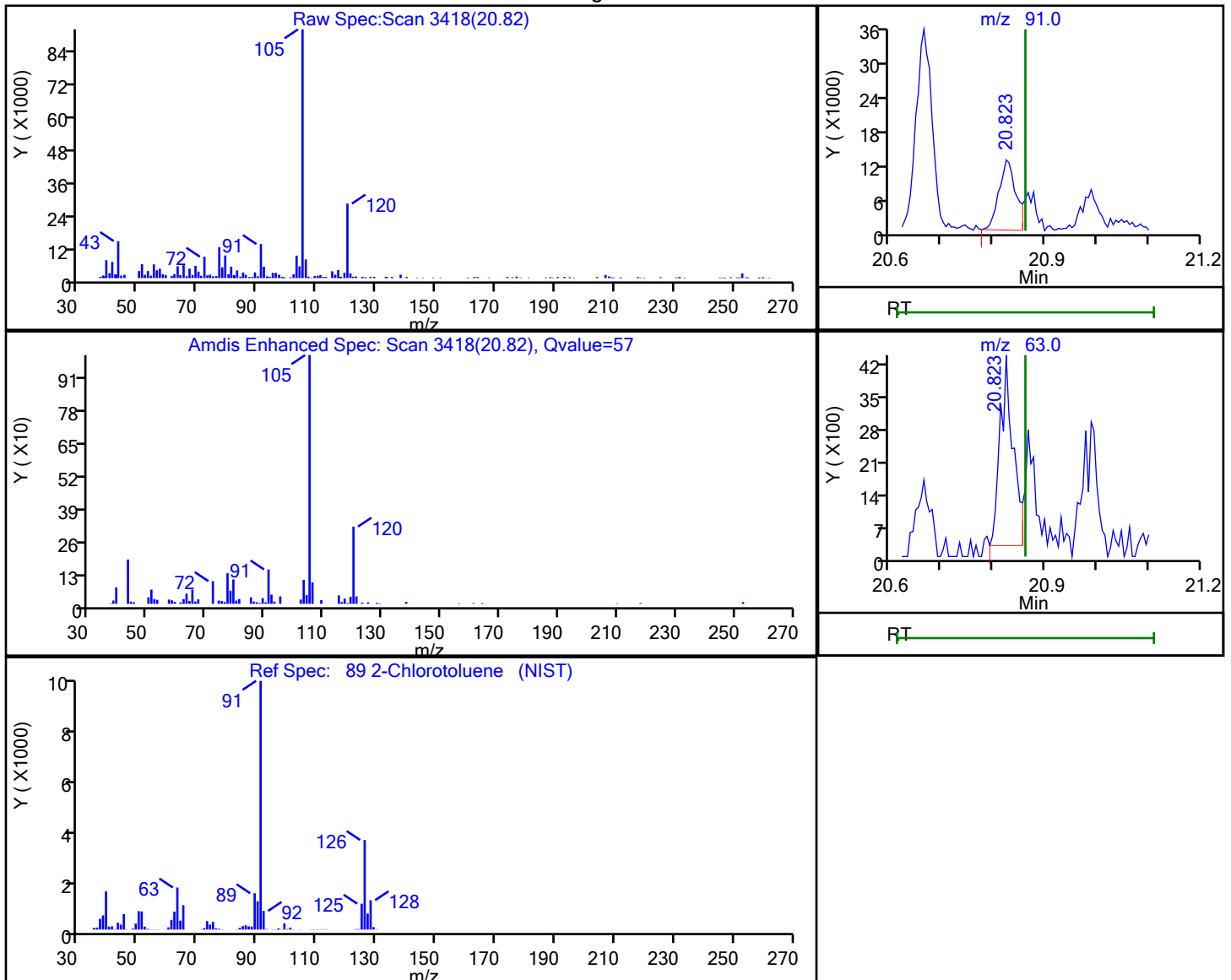
Column: RTX-624 ( 0.32 mm)

Detector

MS SCAN

## 89 2-Chlorotoluene, CAS: 95-49-8

## Processing Results



| RT    | Mass  | Response | Amount   |
|-------|-------|----------|----------|
| 20.82 | 91.00 | 27751    | 0.102524 |
| 20.82 | 63.00 | 7248     |          |

Reviewer: puangmaleek, 21-Dec-2020 15:16:24

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

## Eurofins TestAmerica, Burlington

Data File: \\chromfs\Burlington\ChromData\CHC.i\20201218-44136.b\44136-07.D

Injection Date: 18-Dec-2020 16:29:30

Instrument ID: CHC.i

Lims ID: 200-56451-A-6

Lab Sample ID: 200-56451-6

Client ID: SG-206

Operator ID: vtp

ALS Bottle#:

7

Worklist Smp#: 7

Purge Vol: 200.000 mL

Dil. Factor: 1.0000

Method: TO15\_MasterMethod\_(v1)\_CHC.i

Limit Group: AI\_TO15\_ICAL

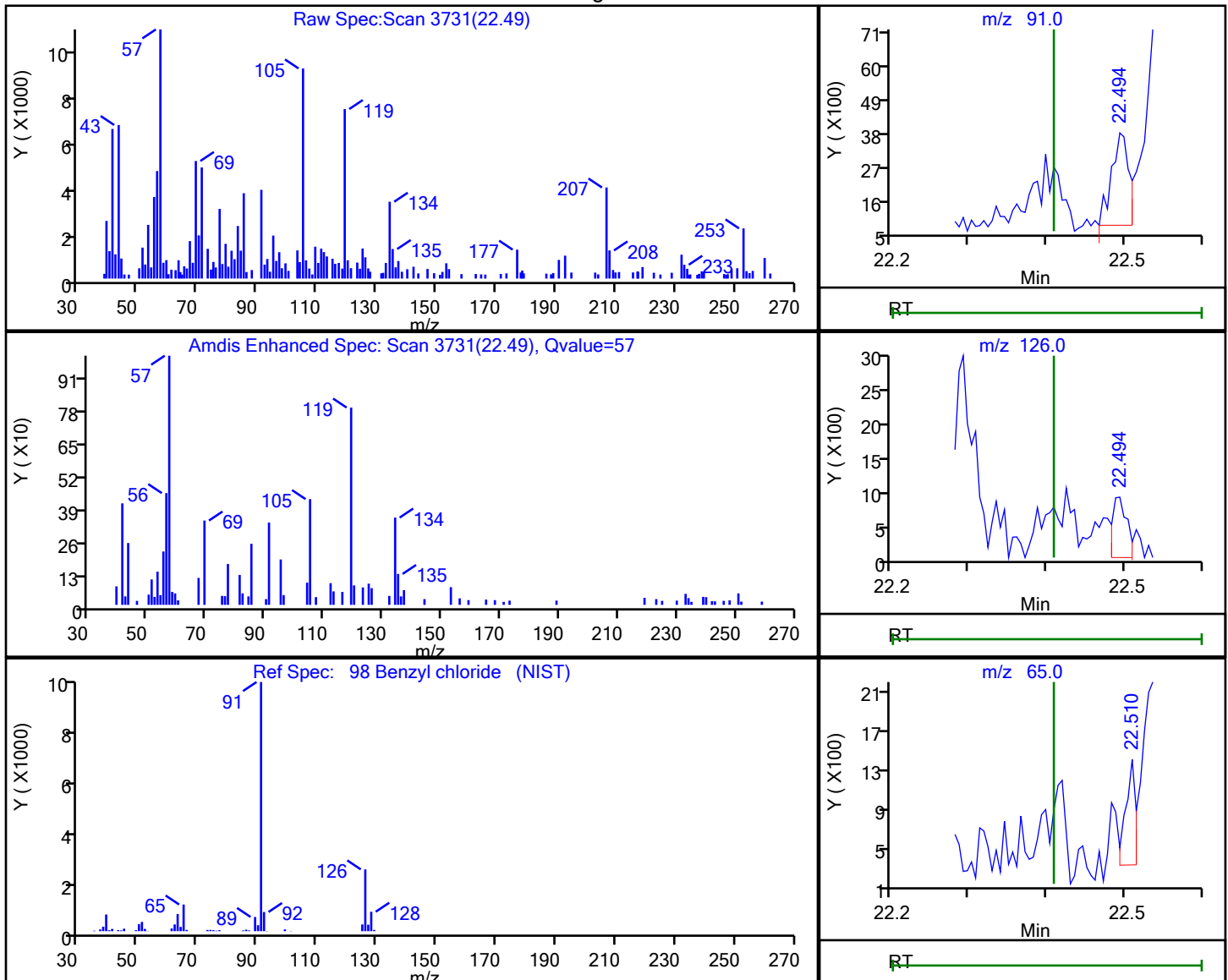
Column: RTX-624 ( 0.32 mm)

Detector

MS SCAN

## 98 Benzyl chloride, CAS: 100-44-7

## Processing Results



| RT    | Mass   | Response | Amount   |
|-------|--------|----------|----------|
| 22.49 | 91.00  | 4733     | 0.022378 |
| 22.49 | 126.00 | 1176     |          |
| 22.51 | 65.00  | 942      |          |

Reviewer: puangmaleek, 21-Dec-2020 15:16:37

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID



## Eurofins TestAmerica, Burlington

Data File: \\chromfs\Burlington\ChromData\CHC.i\20201218-44136.b\44136-07.D

Injection Date: 18-Dec-2020 16:29:30

Instrument ID: CHC.i

Lims ID: 200-56451-A-6

Lab Sample ID: 200-56451-6

Client ID: SG-206

Operator ID: vtp

ALS Bottle#:

7

Worklist Smp#: 7

Purge Vol: 200.000 mL

Dil. Factor: 1.0000

Method: TO15\_MasterMethod\_(v1)\_CHC.i

Limit Group: AI\_TO15\_ICAL

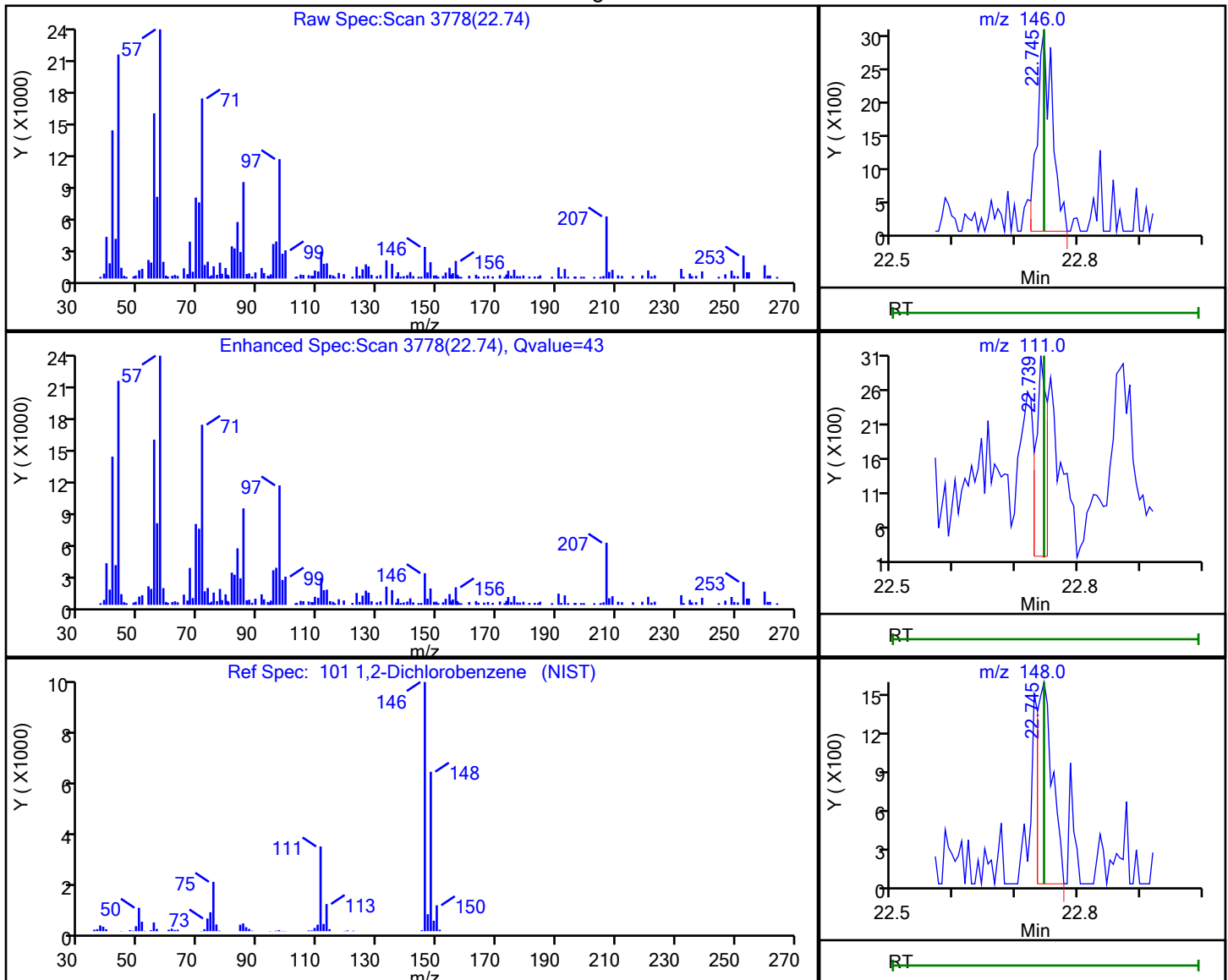
Column: RTX-624 ( 0.32 mm)

Detector

MS SCAN

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

## Processing Results



| RT    | Mass   | Response | Amount   |
|-------|--------|----------|----------|
| 22.74 | 146.00 | 5048     | 0.026507 |
| 22.74 | 111.00 | 3402     |          |
| 22.74 | 148.00 | 2647     |          |

Reviewer: puangmaleek, 21-Dec-2020 15:16:42

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

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

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-56451-1  
 SDG No.: 200-56451-1  
 Client Sample ID: SG-207 Lab Sample ID: 200-56451-7  
 Matrix: Air Lab File ID: 44136-09.D  
 Analysis Method: TO-15 Date Collected: 12/09/2020 12:08  
 Sample wt/vol: 200 (mL) Date Analyzed: 12/18/2020 18:17  
 Soil Aliquot Vol: \_\_\_\_\_ Dilution Factor: 1  
 Soil Extract Vol.: \_\_\_\_\_ GC Column: RTX-624 ID: 0.32 (mm)  
 % Moisture: \_\_\_\_\_ Level: (low/med) Low  
 Analysis Batch No.: 162248 Units: ug/m3

| CAS NO.   | COMPOUND NAME                    | MOLECULAR WEIGHT | RESULT | Q | RL   | MDL  |
|-----------|----------------------------------|------------------|--------|---|------|------|
| 75-71-8   | Dichlorodifluoromethane          | 120.91           | 1.9    | J | 2.5  | 0.54 |
| 75-45-6   | Chlorodifluoromethane            | 86.47            | 0.79   | J | 1.8  | 0.42 |
| 76-14-2   | 1,2-Dichlorotetrafluoroethane    | 170.92           | 1.4    | U | 1.4  | 0.24 |
| 74-87-3   | Chloromethane                    | 50.49            | 0.94   | J | 1.0  | 0.23 |
| 106-97-8  | n-Butane                         | 58.12            | 12     |   | 1.2  | 0.26 |
| 75-01-4   | Vinyl chloride                   | 62.50            | 0.20   | U | 0.20 | 0.11 |
| 106-99-0  | 1,3-Butadiene                    | 54.09            | 2.8    |   | 0.44 | 0.13 |
| 74-83-9   | Bromomethane                     | 94.94            | 0.78   | U | 0.78 | 0.20 |
| 75-00-3   | Chloroethane                     | 64.52            | 1.3    | U | 1.3  | 0.14 |
| 593-60-2  | Bromoethene (Vinyl Bromide)      | 106.96           | 0.87   | U | 0.87 | 0.23 |
| 75-69-4   | Trichlorofluoromethane           | 137.37           | 1.5    |   | 1.1  | 0.34 |
| 76-13-1   | 1,1,2-Trichlorotrifluoroethane   | 187.38           | 0.59   | J | 1.5  | 0.29 |
| 75-35-4   | 1,1-Dichloroethene               | 96.94            | 0.20   | U | 0.20 | 0.15 |
| 67-64-1   | Acetone                          | 58.08            | 12     |   | 12   | 2.9  |
| 67-63-0   | Isopropyl alcohol                | 60.10            | 4.7    | J | 12   | 1.2  |
| 75-15-0   | Carbon disulfide                 | 76.14            | 3.3    |   | 1.6  | 0.23 |
| 107-05-1  | 3-Chloropropene                  | 76.53            | 1.6    | U | 1.6  | 0.20 |
| 75-09-2   | Methylene Chloride               | 84.93            | 1.7    | U | 1.7  | 0.94 |
| 75-65-0   | tert-Butyl alcohol               | 74.12            | 15     | U | 15   | 0.12 |
| 1634-04-4 | Methyl tert-butyl ether          | 88.15            | 0.72   | U | 0.72 | 0.12 |
| 156-60-5  | trans-1,2-Dichloroethene         | 96.94            | 0.79   | U | 0.79 | 0.17 |
| 110-54-3  | n-Hexane                         | 86.17            | 2.4    |   | 0.70 | 0.70 |
| 75-34-3   | 1,1-Dichloroethane               | 98.96            | 0.81   | U | 0.81 | 0.17 |
| 78-93-3   | Methyl Ethyl Ketone (2-Butanone) | 72.11            | 6.5    |   | 1.5  | 0.21 |
| 156-59-2  | cis-1,2-Dichloroethene           | 96.94            | 0.20   | U | 0.20 | 0.18 |
| 67-66-3   | Chloroform                       | 119.38           | 0.98   | U | 0.98 | 0.16 |
| 109-99-9  | Tetrahydrofuran                  | 72.11            | 15     | U | 15   | 0.19 |
| 71-55-6   | 1,1,1-Trichloroethane            | 133.41           | 1.1    | U | 1.1  | 0.20 |
| 110-82-7  | Cyclohexane                      | 84.16            | 0.46   | J | 0.69 | 0.16 |
| 56-23-5   | Carbon tetrachloride             | 153.81           | 0.35   |   | 0.22 | 0.15 |
| 540-84-1  | 2,2,4-Trimethylpentane           | 114.23           | 0.93   | U | 0.93 | 0.19 |
| 71-43-2   | Benzene                          | 78.11            | 1.7    |   | 0.64 | 0.21 |
| 107-06-2  | 1,2-Dichloroethane               | 98.96            | 0.81   | U | 0.81 | 0.13 |

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

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-56451-1  
 SDG No.: 200-56451-1  
 Client Sample ID: SG-207 Lab Sample ID: 200-56451-7  
 Matrix: Air Lab File ID: 44136-09.D  
 Analysis Method: TO-15 Date Collected: 12/09/2020 12:08  
 Sample wt/vol: 200 (mL) Date Analyzed: 12/18/2020 18:17  
 Soil Aliquot Vol: \_\_\_\_\_ Dilution Factor: 1  
 Soil Extract Vol.: \_\_\_\_\_ GC Column: RTX-624 ID: 0.32 (mm)  
 % Moisture: \_\_\_\_\_ Level: (low/med) Low  
 Analysis Batch No.: 162248 Units: ug/m3

| CAS NO.     | COMPOUND NAME                                    | MOLECULAR WEIGHT | RESULT | Q | RL   | MDL  |
|-------------|--------------------------------------------------|------------------|--------|---|------|------|
| 142-82-5    | n-Heptane                                        | 100.21           | 1.4    |   | 0.82 | 0.23 |
| 79-01-6     | Trichloroethene                                  | 131.39           | 0.31   |   | 0.20 | 0.19 |
| 80-62-6     | Methyl methacrylate                              | 100.12           | 2.0    | U | 2.0  | 0.14 |
| 78-87-5     | 1,2-Dichloropropane                              | 112.99           | 0.92   | U | 0.92 | 0.15 |
| 123-91-1    | 1,4-Dioxane                                      | 88.11            | 18     | U | 18   | 0.30 |
| 75-27-4     | Bromodichloromethane                             | 163.83           | 1.3    | U | 1.3  | 0.23 |
| 10061-01-5  | cis-1,3-Dichloropropene                          | 110.97           | 0.91   | U | 0.91 | 0.15 |
| 108-10-1    | 4-Methyl-2-pentanone<br>(Methyl isobutyl ketone) | 100.16           | 0.69   | J | 2.0  | 0.15 |
| 108-88-3    | Toluene                                          | 92.14            | 1.8    |   | 0.75 | 0.41 |
| 10061-02-6  | trans-1,3-Dichloropropene                        | 110.97           | 0.91   | U | 0.91 | 0.18 |
| 79-00-5     | 1,1,2-Trichloroethane                            | 133.41           | 1.1    | U | 1.1  | 0.20 |
| 127-18-4    | Tetrachloroethene                                | 165.83           | 1.3    | J | 1.4  | 0.22 |
| 591-78-6    | Methyl Butyl Ketone<br>(2-Hexanone)              | 100.20           | 0.60   | J | 2.0  | 0.20 |
| 124-48-1    | Dibromochloromethane                             | 208.28           | 1.7    | U | 1.7  | 0.31 |
| 106-93-4    | 1,2-Dibromoethane                                | 187.87           | 1.5    | U | 1.5  | 0.38 |
| 108-90-7    | Chlorobenzene                                    | 112.56           | 0.92   | U | 0.92 | 0.26 |
| 100-41-4    | Ethylbenzene                                     | 106.17           | 0.40   | J | 0.87 | 0.27 |
| 179601-23-1 | m,p-Xylene                                       | 106.17           | 1.3    | J | 2.2  | 0.43 |
| 95-47-6     | o-Xylene                                         | 106.17           | 0.47   | J | 0.87 | 0.21 |
| 100-42-5    | Styrene                                          | 104.15           | 0.85   | U | 0.85 | 0.17 |
| 75-25-2     | Bromoform                                        | 252.75           | 2.1    | U | 2.1  | 0.50 |
| 98-82-8     | Cumene                                           | 120.19           | 0.98   | U | 0.98 | 0.17 |
| 79-34-5     | 1,1,2,2-Tetrachloroethane                        | 167.85           | 1.4    | U | 1.4  | 0.29 |
| 103-65-1    | n-Propylbenzene                                  | 120.19           | 0.98   | U | 0.98 | 0.19 |
| 622-96-8    | 4-Ethyltoluene                                   | 120.20           | 0.98   | U | 0.98 | 0.20 |
| 108-67-8    | 1,3,5-Trimethylbenzene                           | 120.20           | 0.98   | U | 0.98 | 0.19 |
| 95-49-8     | 2-Chlorotoluene                                  | 126.59           | 1.0    | U | 1.0  | 0.22 |
| 98-06-6     | tert-Butylbenzene                                | 134.22           | 1.1    | U | 1.1  | 0.19 |
| 95-63-6     | 1,2,4-Trimethylbenzene                           | 120.20           | 0.33   | J | 0.98 | 0.22 |
| 135-98-8    | sec-Butylbenzene                                 | 134.22           | 1.1    | U | 1.1  | 0.19 |
| 99-87-6     | 4-Isopropyltoluene                               | 134.22           | 1.1    | U | 1.1  | 0.21 |
| 541-73-1    | 1,3-Dichlorobenzene                              | 147.00           | 1.2    | U | 1.2  | 0.66 |
| 106-46-7    | 1,4-Dichlorobenzene                              | 147.00           | 1.2    | U | 1.2  | 0.72 |

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

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-56451-1  
SDG No.: 200-56451-1  
Client Sample ID: SG-207 Lab Sample ID: 200-56451-7  
Matrix: Air Lab File ID: 44136-09.D  
Analysis Method: TO-15 Date Collected: 12/09/2020 12:08  
Sample wt/vol: 200 (mL) Date Analyzed: 12/18/2020 18:17  
Soil Aliquot Vol:                      Dilution Factor: 1  
Soil Extract Vol.:                      GC Column: RTX-624 ID: 0.32 (mm)  
% Moisture:                      Level: (low/med) Low  
Analysis Batch No.: 162248 Units: ug/m3

| CAS NO.  | COMPOUND NAME          | MOLECULAR WEIGHT | RESULT | Q | RL  | MDL  |
|----------|------------------------|------------------|--------|---|-----|------|
| 100-44-7 | Benzyl chloride        | 126.58           | 1.0    | U | 1.0 | 0.44 |
| 104-51-8 | n-Butylbenzene         | 134.22           | 1.1    | U | 1.1 | 0.21 |
| 95-50-1  | 1,2-Dichlorobenzene    | 147.00           | 1.2    | U | 1.2 | 0.58 |
| 120-82-1 | 1,2,4-Trichlorobenzene | 181.45           | 3.7    | U | 3.7 | 1.6  |
| 87-68-3  | Hexachlorobutadiene    | 260.76           | 2.1    | U | 2.1 | 0.81 |
| 91-20-3  | Naphthalene            | 128.17           | 2.6    | U | 2.6 | 0.89 |

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

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-56451-1

SDG No.: 200-56451-1

Client Sample ID: SG-207 Lab Sample ID: 200-56451-7

Matrix: Air Lab File ID: 44136-09.D

Analysis Method: TO-15 Date Collected: 12/09/2020 12:08

Sample wt/vol: 200 (mL) Date Analyzed: 12/18/2020 18:17

Soil Aliquot Vol: \_\_\_\_\_ Dilution Factor: 1

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

% Moisture: \_\_\_\_\_ Level: (low/med) Low

Analysis Batch No.: 162248 Units: ppb v/v

| CAS NO.   | COMPOUND NAME                    | MOLECULAR WEIGHT | RESULT | Q | RL    | MDL   |
|-----------|----------------------------------|------------------|--------|---|-------|-------|
| 75-71-8   | Dichlorodifluoromethane          | 120.91           | 0.38   | J | 0.50  | 0.11  |
| 75-45-6   | Chlorodifluoromethane            | 86.47            | 0.22   | J | 0.50  | 0.12  |
| 76-14-2   | 1,2-Dichlorotetrafluoroethane    | 170.92           | 0.20   | U | 0.20  | 0.035 |
| 74-87-3   | Chloromethane                    | 50.49            | 0.45   | J | 0.50  | 0.11  |
| 106-97-8  | n-Butane                         | 58.12            | 5.1    |   | 0.50  | 0.11  |
| 75-01-4   | Vinyl chloride                   | 62.50            | 0.078  | U | 0.078 | 0.044 |
| 106-99-0  | 1,3-Butadiene                    | 54.09            | 1.3    |   | 0.20  | 0.057 |
| 74-83-9   | Bromomethane                     | 94.94            | 0.20   | U | 0.20  | 0.051 |
| 75-00-3   | Chloroethane                     | 64.52            | 0.50   | U | 0.50  | 0.054 |
| 593-60-2  | Bromoethene (Vinyl Bromide)      | 106.96           | 0.20   | U | 0.20  | 0.052 |
| 75-69-4   | Trichlorofluoromethane           | 137.37           | 0.27   |   | 0.20  | 0.060 |
| 76-13-1   | 1,1,2-Trichlorotrifluoroethane   | 187.38           | 0.077  | J | 0.20  | 0.038 |
| 75-35-4   | 1,1-Dichloroethene               | 96.94            | 0.050  | U | 0.050 | 0.039 |
| 67-64-1   | Acetone                          | 58.08            | 4.9    |   | 5.0   | 1.2   |
| 67-63-0   | Isopropyl alcohol                | 60.10            | 1.9    | J | 5.0   | 0.48  |
| 75-15-0   | Carbon disulfide                 | 76.14            | 1.1    |   | 0.50  | 0.074 |
| 107-05-1  | 3-Chloropropene                  | 76.53            | 0.50   | U | 0.50  | 0.064 |
| 75-09-2   | Methylene Chloride               | 84.93            | 0.50   | U | 0.50  | 0.27  |
| 75-65-0   | tert-Butyl alcohol               | 74.12            | 5.0    | U | 5.0   | 0.038 |
| 1634-04-4 | Methyl tert-butyl ether          | 88.15            | 0.20   | U | 0.20  | 0.033 |
| 156-60-5  | trans-1,2-Dichloroethene         | 96.94            | 0.20   | U | 0.20  | 0.042 |
| 110-54-3  | n-Hexane                         | 86.17            | 0.68   |   | 0.20  | 0.20  |
| 75-34-3   | 1,1-Dichloroethane               | 98.96            | 0.20   | U | 0.20  | 0.041 |
| 78-93-3   | Methyl Ethyl Ketone (2-Butanone) | 72.11            | 2.2    |   | 0.50  | 0.072 |
| 156-59-2  | cis-1,2-Dichloroethene           | 96.94            | 0.050  | U | 0.050 | 0.045 |
| 67-66-3   | Chloroform                       | 119.38           | 0.20   | U | 0.20  | 0.032 |
| 109-99-9  | Tetrahydrofuran                  | 72.11            | 5.0    | U | 5.0   | 0.066 |
| 71-55-6   | 1,1,1-Trichloroethane            | 133.41           | 0.20   | U | 0.20  | 0.036 |
| 110-82-7  | Cyclohexane                      | 84.16            | 0.13   | J | 0.20  | 0.046 |
| 56-23-5   | Carbon tetrachloride             | 153.81           | 0.055  |   | 0.035 | 0.024 |
| 540-84-1  | 2,2,4-Trimethylpentane           | 114.23           | 0.20   | U | 0.20  | 0.041 |
| 71-43-2   | Benzene                          | 78.11            | 0.53   |   | 0.20  | 0.067 |
| 107-06-2  | 1,2-Dichloroethane               | 98.96            | 0.20   | U | 0.20  | 0.032 |

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

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-56451-1  
 SDG No.: 200-56451-1  
 Client Sample ID: SG-207 Lab Sample ID: 200-56451-7  
 Matrix: Air Lab File ID: 44136-09.D  
 Analysis Method: TO-15 Date Collected: 12/09/2020 12:08  
 Sample wt/vol: 200 (mL) Date Analyzed: 12/18/2020 18:17  
 Soil Aliquot Vol: \_\_\_\_\_ Dilution Factor: 1  
 Soil Extract Vol.: \_\_\_\_\_ GC Column: RTX-624 ID: 0.32 (mm)  
 % Moisture: \_\_\_\_\_ Level: (low/med) Low  
 Analysis Batch No.: 162248 Units: ppb v/v

| CAS NO.     | COMPOUND NAME                                    | MOLECULAR WEIGHT | RESULT | Q | RL    | MDL   |
|-------------|--------------------------------------------------|------------------|--------|---|-------|-------|
| 142-82-5    | n-Heptane                                        | 100.21           | 0.34   |   | 0.20  | 0.056 |
| 79-01-6     | Trichloroethene                                  | 131.39           | 0.057  |   | 0.037 | 0.035 |
| 80-62-6     | Methyl methacrylate                              | 100.12           | 0.50   | U | 0.50  | 0.033 |
| 78-87-5     | 1,2-Dichloropropane                              | 112.99           | 0.20   | U | 0.20  | 0.033 |
| 123-91-1    | 1,4-Dioxane                                      | 88.11            | 5.0    | U | 5.0   | 0.084 |
| 75-27-4     | Bromodichloromethane                             | 163.83           | 0.20   | U | 0.20  | 0.035 |
| 10061-01-5  | cis-1,3-Dichloropropene                          | 110.97           | 0.20   | U | 0.20  | 0.032 |
| 108-10-1    | 4-Methyl-2-pentanone<br>(Methyl isobutyl ketone) | 100.16           | 0.17   | J | 0.50  | 0.036 |
| 108-88-3    | Toluene                                          | 92.14            | 0.48   |   | 0.20  | 0.11  |
| 10061-02-6  | trans-1,3-Dichloropropene                        | 110.97           | 0.20   | U | 0.20  | 0.039 |
| 79-00-5     | 1,1,2-Trichloroethane                            | 133.41           | 0.20   | U | 0.20  | 0.036 |
| 127-18-4    | Tetrachloroethene                                | 165.83           | 0.19   | J | 0.20  | 0.033 |
| 591-78-6    | Methyl Butyl Ketone<br>(2-Hexanone)              | 100.20           | 0.15   | J | 0.50  | 0.048 |
| 124-48-1    | Dibromochloromethane                             | 208.28           | 0.20   | U | 0.20  | 0.036 |
| 106-93-4    | 1,2-Dibromoethane                                | 187.87           | 0.20   | U | 0.20  | 0.049 |
| 108-90-7    | Chlorobenzene                                    | 112.56           | 0.20   | U | 0.20  | 0.056 |
| 100-41-4    | Ethylbenzene                                     | 106.17           | 0.092  | J | 0.20  | 0.063 |
| 179601-23-1 | m,p-Xylene                                       | 106.17           | 0.29   | J | 0.50  | 0.10  |
| 95-47-6     | o-Xylene                                         | 106.17           | 0.11   | J | 0.20  | 0.048 |
| 100-42-5    | Styrene                                          | 104.15           | 0.20   | U | 0.20  | 0.040 |
| 75-25-2     | Bromoform                                        | 252.75           | 0.20   | U | 0.20  | 0.048 |
| 98-82-8     | Cumene                                           | 120.19           | 0.20   | U | 0.20  | 0.035 |
| 79-34-5     | 1,1,2,2-Tetrachloroethane                        | 167.85           | 0.20   | U | 0.20  | 0.042 |
| 103-65-1    | n-Propylbenzene                                  | 120.19           | 0.20   | U | 0.20  | 0.039 |
| 622-96-8    | 4-Ethyltoluene                                   | 120.20           | 0.20   | U | 0.20  | 0.041 |
| 108-67-8    | 1,3,5-Trimethylbenzene                           | 120.20           | 0.20   | U | 0.20  | 0.039 |
| 95-49-8     | 2-Chlorotoluene                                  | 126.59           | 0.20   | U | 0.20  | 0.042 |
| 98-06-6     | tert-Butylbenzene                                | 134.22           | 0.20   | U | 0.20  | 0.035 |
| 95-63-6     | 1,2,4-Trimethylbenzene                           | 120.20           | 0.067  | J | 0.20  | 0.044 |
| 135-98-8    | sec-Butylbenzene                                 | 134.22           | 0.20   | U | 0.20  | 0.035 |
| 99-87-6     | 4-Isopropyltoluene                               | 134.22           | 0.20   | U | 0.20  | 0.039 |
| 541-73-1    | 1,3-Dichlorobenzene                              | 147.00           | 0.20   | U | 0.20  | 0.11  |
| 106-46-7    | 1,4-Dichlorobenzene                              | 147.00           | 0.20   | U | 0.20  | 0.12  |

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

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-56451-1  
SDG No.: 200-56451-1  
Client Sample ID: SG-207 Lab Sample ID: 200-56451-7  
Matrix: Air Lab File ID: 44136-09.D  
Analysis Method: TO-15 Date Collected: 12/09/2020 12:08  
Sample wt/vol: 200 (mL) Date Analyzed: 12/18/2020 18:17  
Soil Aliquot Vol:                      Dilution Factor: 1  
Soil Extract Vol.:                      GC Column: RTX-624 ID: 0.32 (mm)  
% Moisture:                      Level: (low/med) Low  
Analysis Batch No.: 162248 Units: ppb v/v

| CAS NO.  | COMPOUND NAME          | MOLECULAR WEIGHT | RESULT | Q | RL   | MDL   |
|----------|------------------------|------------------|--------|---|------|-------|
| 100-44-7 | Benzyl chloride        | 126.58           | 0.20   | U | 0.20 | 0.085 |
| 104-51-8 | n-Butylbenzene         | 134.22           | 0.20   | U | 0.20 | 0.039 |
| 95-50-1  | 1,2-Dichlorobenzene    | 147.00           | 0.20   | U | 0.20 | 0.097 |
| 120-82-1 | 1,2,4-Trichlorobenzene | 181.45           | 0.50   | U | 0.50 | 0.22  |
| 87-68-3  | Hexachlorobutadiene    | 260.76           | 0.20   | U | 0.20 | 0.076 |
| 91-20-3  | Naphthalene            | 128.17           | 0.50   | U | 0.50 | 0.17  |

Eurofins TestAmerica, Burlington  
Target Compound Quantitation Report

Data File: \\chromfs\Burlington\ChromData\CHC.i\20201218-44136.b\44136-09.D  
 Lims ID: 200-56451-A-7  
 Client ID: SG-207  
 Sample Type: Client  
 Inject. Date: 18-Dec-2020 18:17:30 ALS Bottle#: 9 Worklist Smp#: 9  
 Purge Vol: 200.000 mL Dil. Factor: 1.0000  
 Sample Info: 200-0044136-009  
 Misc. Info.: 56451-7  
 Operator ID: vtp Instrument ID: CHC.i  
 Method: \\chromfs\Burlington\ChromData\CHC.i\20201218-44136.b\TO15\_MasterMethod\_(v1)\_CHC.i.m  
 Limit Group: AI\_TO15\_ICAL  
 Last Update: 21-Dec-2020 15:22:16 Calib Date: 18-Dec-2020 04:03:30  
 Integrator: RTE ID Type: Deconvolution ID  
 Quant Method: Internal Standard Quant By: Initial Calibration  
 Last ICal File: \\chromfs\Burlington\ChromData\CHC.i\20201217-44129.b\44129-14.D  
 Column 1 : RTX-624 ( 0.32 mm) Det: MS SCAN  
 Process Host: CTX1658

First Level Reviewer: puangmaleek

Date: 21-Dec-2020 15:22:16

| Compound                           | Sig | RT (min.) | Adj RT (min.) | Dlt RT (min.) | Q   | Response | OnCol Amt ppb v/v | Flags |
|------------------------------------|-----|-----------|---------------|---------------|-----|----------|-------------------|-------|
| 2 Dichlorodifluoromethane          | 85  | 2.897     | 2.897         | 0.000         | 100 | 32867    | 0.3841            |       |
| 3 Chlorodifluoromethane            | 51  | 2.934     | 2.934         | 0.000         | 94  | 9454     | 0.2236            |       |
| 4 1,2-Dichloro-1,1,2,2-tetrafluoro | 85  |           | 3.137         |               |     |          | ND                | U     |
| 5 Chloromethane                    | 50  | 3.238     | 3.244         | -0.006        | 98  | 7797     | 0.4534            |       |
| 6 Butane                           | 43  | 3.436     | 3.436         | 0.000         | 94  | 138935   | 5.09              |       |
| 7 Vinyl chloride                   | 62  |           | 3.463         |               |     |          | ND                | U     |
| 8 Butadiene                        | 54  | 3.532     | 3.537         | -0.005        | 95  | 21592    | 1.27              |       |
| 10 Bromomethane                    | 94  |           | 4.140         |               |     |          | ND                | U     |
| 11 Chloroethane                    | 64  |           | 4.359         |               |     |          | ND                | 7     |
| 13 Vinyl bromide                   | 106 |           | 4.733         |               |     |          | ND                | 7     |
| 14 Trichlorofluoromethane          | 101 | 4.850     | 4.861         | 0.000         | 85  | 23470    | 0.2664            |       |
| 20 1,1,2-Trichloro-1,2,2-trifluoro | 101 | 5.901     | 5.912         | -0.011        | 75  | 4724     | 0.0767            |       |
| 21 1,1-Dichloroethene              | 96  |           | 5.917         |               |     |          | ND                | U     |
| 22 Acetone                         | 43  | 6.174     | 6.147         | 0.027         | 100 | 176508   | 4.93              |       |
| 23 Carbon disulfide                | 76  | 6.286     | 6.280         | 0.006         | 99  | 73367    | 1.06              |       |
| 24 Isopropyl alcohol               | 45  | 6.585     | 6.531         | 0.054         | 99  | 66426    | 1.91              |       |
| 25 3-Chloro-1-propene              | 41  |           | 6.681         |               |     |          | ND                | U     |
| 27 Methylene Chloride              | 49  |           | 6.958         |               |     |          | ND                | 7     |
| 28 2-Methyl-2-propanol             | 59  |           | 7.326         |               |     |          | ND                | U     |
| 31 trans-1,2-Dichloroethene        | 61  |           | 7.417         |               |     |          | ND                | 7     |
| 29 Methyl tert-butyl ether         | 73  |           | 7.438         |               |     |          | ND                | 7     |
| 33 Hexane                          | 57  | 7.844     | 7.849         | -0.005        | 89  | 24186    | 0.6786            |       |
| 34 1,1-Dichloroethane              | 63  |           | 8.250         |               |     |          | ND                | 7     |
| 37 cis-1,2-Dichloroethene          | 96  |           | 9.349         |               |     |          | ND                | 7     |
| 38 2-Butanone (MEK)                | 72  | 9.445     | 9.408         | 0.037         | 100 | 28660    | 2.22              |       |
| * 40 Chlorobromomethane            | 128 | 9.792     | 9.787         | 0.005         | 78  | 531029   | 20.0              |       |
| 41 Tetrahydrofuran                 | 42  |           | 9.867         |               |     |          | ND                | U     |
| 42 Chloroform                      | 83  |           | 9.947         |               |     |          | ND                |       |
| 44 1,1,1-Trichloroethane           | 97  |           | 10.219        |               |     |          | ND                | 7     |
| 43 Cyclohexane                     | 84  | 10.224    | 10.224        | 0.000         | 66  | 5902     | 0.1337            | M     |
| 45 Carbon tetrachloride            | 117 | 10.475    | 10.486        | -0.011        | 62  | 5907     | 0.0549            |       |



| Compound                       | Sig | RT (min.) | Adj RT (min.) | Dlt RT (min.) | Q  | Response | OnCol Amt ppb v/v | Flags |
|--------------------------------|-----|-----------|---------------|---------------|----|----------|-------------------|-------|
| 47 Benzene                     | 78  | 10.908    | 10.913        | -0.005        | 96 | 56945    | 0.5323            |       |
| 46 Isooctane                   | 57  |           | 10.966        |               |    |          | ND                |       |
| 48 1,2-Dichloroethane          | 62  |           | 11.068        |               |    |          | ND                |       |
| 49 n-Heptane                   | 43  | 11.366    | 11.366        | 0.000         | 91 | 21894    | 0.3388            | M     |
| * 50 1,4-Difluorobenzene       | 114 | 11.761    | 11.761        | 0.000         | 94 | 3108362  | 20.0              |       |
| 53 Trichloroethene             | 95  | 12.231    | 12.231        | -0.005        | 68 | 3415     | 0.0568            | M     |
| 54 1,2-Dichloropropane         | 63  |           | 12.738        |               |    |          | ND                |       |
| 55 Methyl methacrylate         | 69  |           | 12.978        |               |    |          | ND                |       |
| 56 1,4-Dioxane                 | 88  |           | 13.048        |               |    |          | ND                | 7     |
| 58 Dichlorobromomethane        | 83  |           | 13.320        |               |    |          | ND                |       |
| 60 cis-1,3-Dichloropropene     | 75  |           | 14.280        |               |    |          | ND                | 7     |
| 61 4-Methyl-2-pentanone (MIBK) | 43  | 14.670    | 14.617        | 0.053         | 95 | 17722    | 0.1685            |       |
| 65 Toluene                     | 92  | 14.900    | 14.900        | 0.006         | 93 | 51261    | 0.4765            | M     |
| 66 trans-1,3-Dichloropropene   | 75  |           | 15.487        |               |    |          | ND                | 7     |
| 67 1,1,2-Trichloroethane       | 83  |           | 15.849        |               |    |          | ND                |       |
| 68 Tetrachloroethene           | 166 | 16.015    | 16.015        | 0.000         | 92 | 22127    | 0.1929            |       |
| 69 2-Hexanone                  | 43  | 16.394    | 16.367        | 0.027         | 97 | 15656    | 0.1474            |       |
| 71 Chlorodibromomethane        | 129 |           | 16.618        |               |    |          | ND                |       |
| 72 Ethylene Dibromide          | 107 |           | 16.874        |               |    |          | ND                | 7     |
| * 74 Chlorobenzene-d5          | 117 | 17.803    | 17.803        | 0.000         | 86 | 3554924  | 20.0              |       |
| 75 Chlorobenzene               | 112 |           | 17.861        |               |    |          | ND                | 7     |
| 76 Ethylbenzene                | 91  | 18.032    | 18.038        | -0.006        | 98 | 23996    | 0.0923            |       |
| 78 m-Xylene & p-Xylene         | 106 | 18.288    | 18.294        | -0.006        | 0  | 28867    | 0.2937            |       |
| 79 o-Xylene                    | 106 | 19.121    | 19.126        | -0.005        | 98 | 10620    | 0.1090            |       |
| 80 Styrene                     | 104 |           | 19.174        |               |    |          | ND                | U     |
| 81 Bromoform                   | 173 |           | 19.591        |               |    |          | ND                | 7     |
| 82 Isopropylbenzene            | 105 |           | 19.873        |               |    |          | ND                | 7     |
| 84 1,1,2,2-Tetrachloroethane   | 83  |           | 20.557        |               |    |          | ND                | 7     |
| 85 N-Propylbenzene             | 91  |           | 20.663        |               |    |          | ND                | 7     |
| 89 2-Chlorotoluene             | 91  |           | 20.861        |               |    |          | ND                | 7     |
| 88 4-Ethyltoluene              | 105 | 20.877    | 20.871        | 0.006         | 72 | 6204     | 0.0203            |       |
| 90 1,3,5-Trimethylbenzene      | 105 | 20.994    | 20.989        | 0.005         | 80 | 7052     | 0.0262            |       |
| 92 tert-Butylbenzene           | 119 |           | 21.507        |               |    |          | ND                |       |
| 93 1,2,4-Trimethylbenzene      | 105 | 21.603    | 21.608        | -0.005        | 95 | 18091    | 0.0674            |       |
| 94 sec-Butylbenzene            | 105 |           | 21.853        |               |    |          | ND                | 7     |
| 95 4-Isopropyltoluene          | 119 | 22.067    | 22.072        | -0.005        | 92 | 11653    | 0.0343            |       |
| 96 1,3-Dichlorobenzene         | 146 |           | 22.078        |               |    |          | ND                | 7     |
| 97 1,4-Dichlorobenzene         | 146 |           | 22.216        |               |    |          | ND                | U     |
| 98 Benzyl chloride             | 91  |           | 22.409        |               |    |          | ND                | 7     |
| 100 n-Butylbenzene             | 91  |           | 22.654        |               |    |          | ND                | 7     |
| 101 1,2-Dichlorobenzene        | 146 |           | 22.745        |               |    |          | ND                | 7     |
| 103 1,2,4-Trichlorobenzene     | 180 |           | 25.082        |               |    |          | ND                | U     |
| 104 Hexachlorobutadiene        | 225 |           | 25.285        |               |    |          | ND                | 7     |
| 105 Naphthalene                | 128 | 25.488    | 25.488        | -0.005        | 94 | 10260    | 0.0323            | M     |

## QC Flag Legend

Processing Flags

7 - Failed Limit of Detection

Review Flags

M - Manually Integrated

U - Marked Undetected

**Reagents:**

ATTO15CISs\_00010

Amount Added: 40.00

Units: mL

Run Reagent

Report Date: 21-Dec-2020 15:22:17

Chrom Revision: 2.3 09-Dec-2020 16:22:14

Eurofins TestAmerica, Burlington

Data File: \\chromfs\Burlington\ChromData\CHC.i\20201218-44136.b\44136-09.D

Injection Date: 18-Dec-2020 18:17:30

Instrument ID: CHC.i

Operator ID: vtp

Lims ID: 200-56451-A-7

Lab Sample ID: 200-56451-7

Worklist Smp#: 9

Client ID: SG-207

Purge Vol: 200.000 mL

Dil. Factor: 1.0000

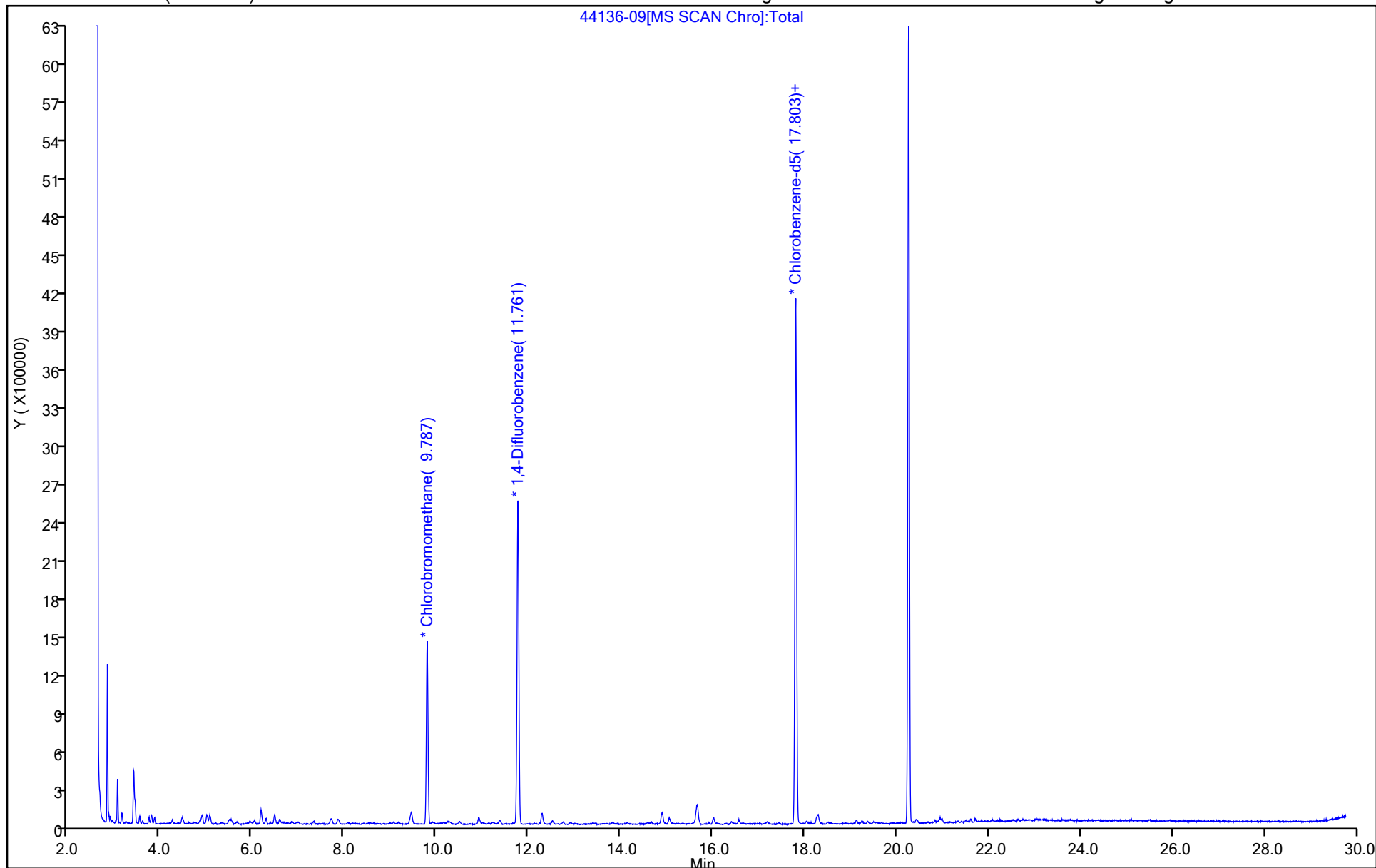
ALS Bottle#: 9

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 TestAmerica, Burlington

Data File: \\chromfs\Burlington\ChromData\CHC.i\20201218-44136.b\44136-09.D

Injection Date: 18-Dec-2020 18:17:30

Instrument ID: CHC.i

Lims ID: 200-56451-A-7

Lab Sample ID: 200-56451-7

Client ID: SG-207

Operator ID: vtp

ALS Bottle#: 9

Worklist Smp#: 9

Purge Vol: 200.000 mL

Dil. Factor: 1.0000

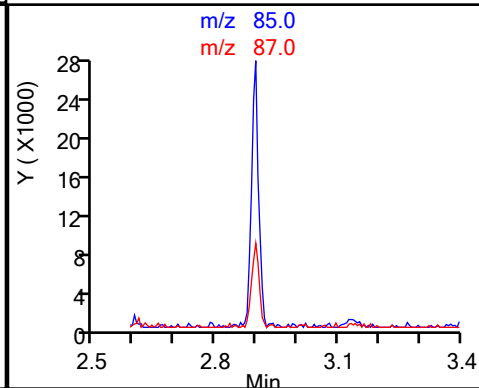
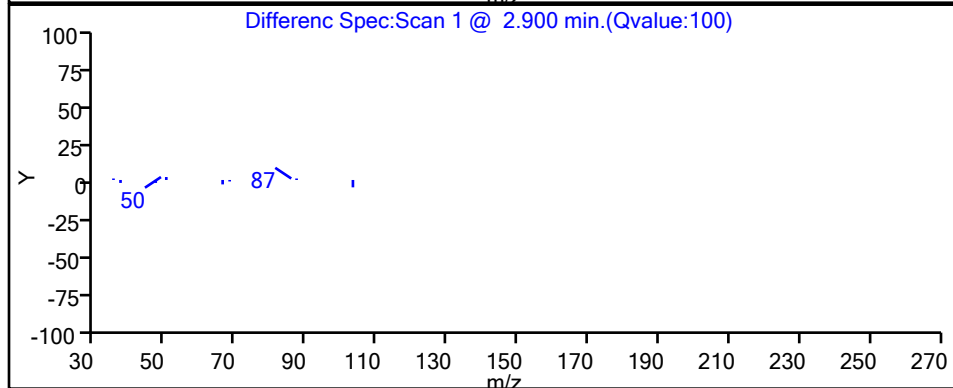
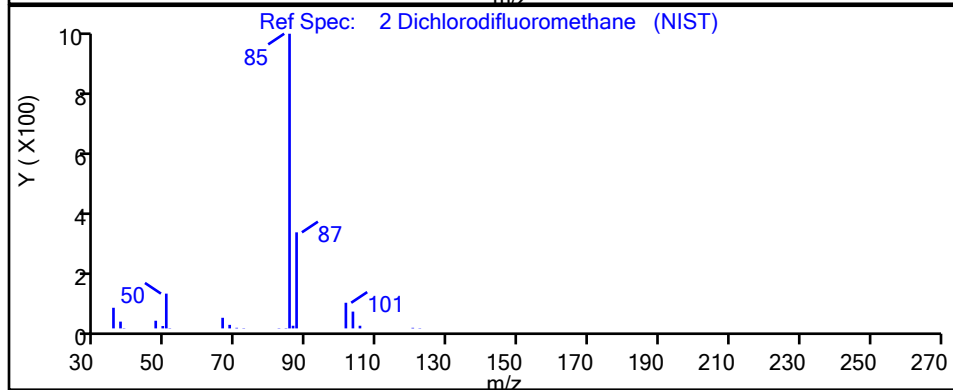
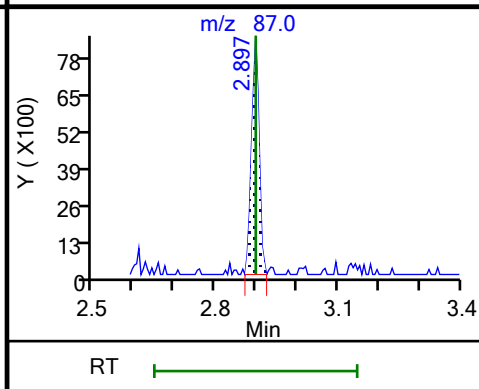
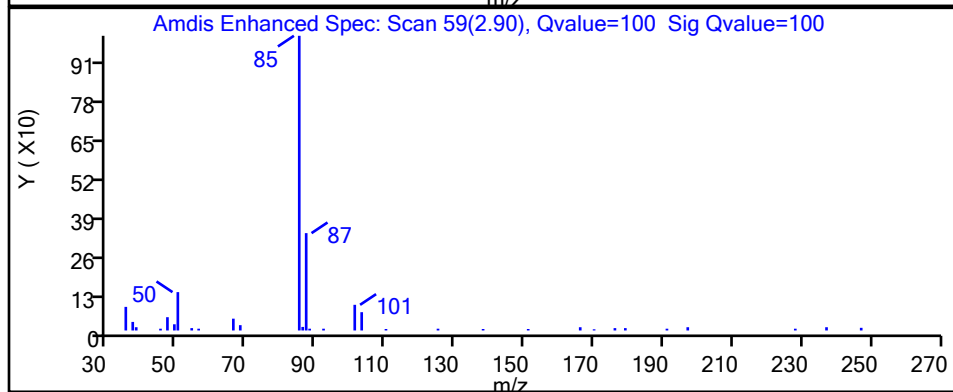
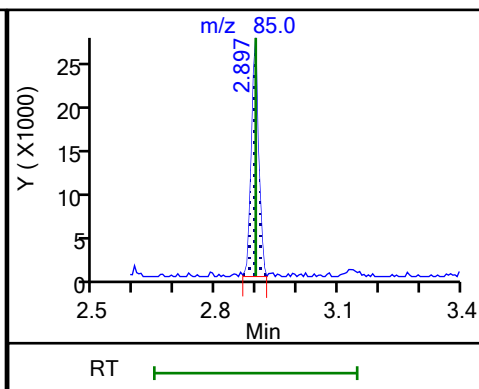
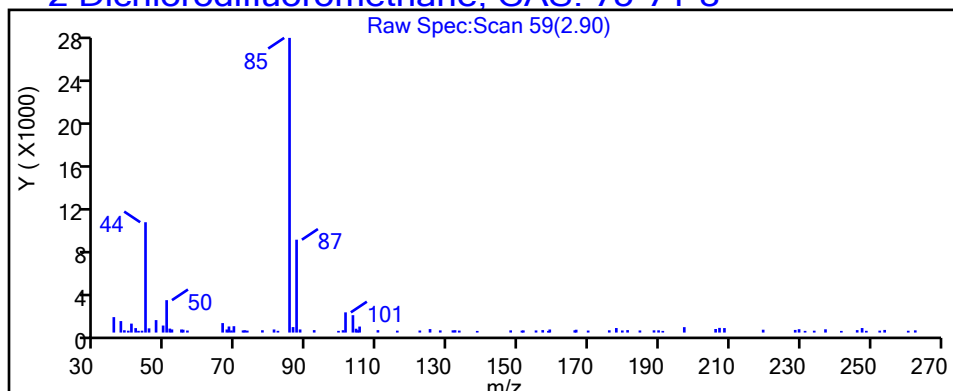
Method: TO15\_MasterMethod\_(v1)\_CHC.i

Limit Group: AI\_TO15\_ICAL

Column: RTX-624 (0.32 mm)

Detector: MS SCAN

## 2 Dichlorodifluoromethane, CAS: 75-71-8



## Eurofins TestAmerica, Burlington

Data File: \\chromfs\Burlington\ChromData\CHC.i\20201218-44136.b\44136-09.D

Injection Date: 18-Dec-2020 18:17:30

Instrument ID: CHC.i

Lims ID: 200-56451-A-7

Lab Sample ID: 200-56451-7

Client ID: SG-207

Operator ID: vtp

ALS Bottle#: 9

Worklist Smp#: 9

Purge Vol: 200.000 mL

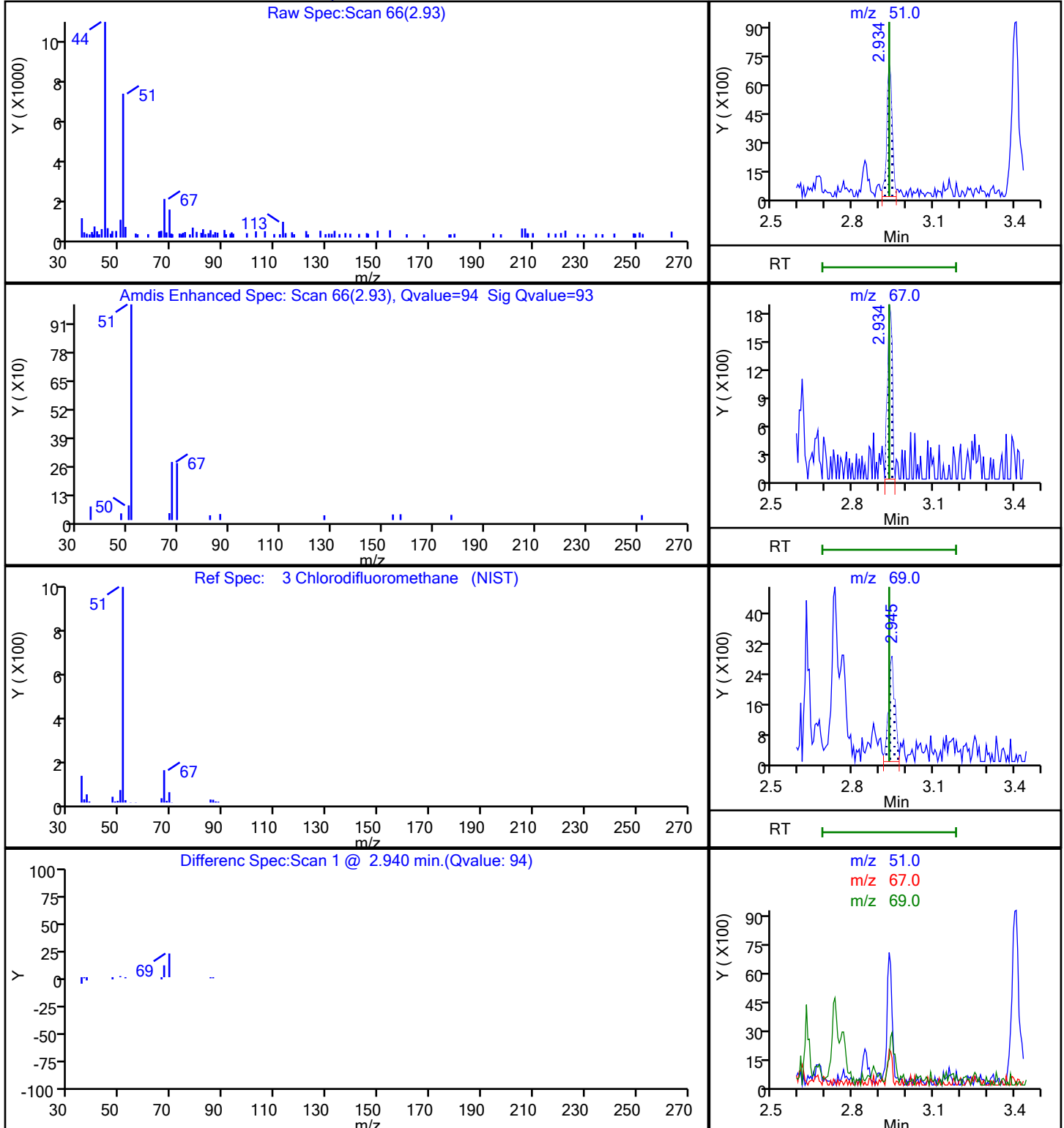
Dil. Factor: 1.0000

Method: TO15\_MasterMethod\_(v1)\_CHC.i

Limit Group: AI\_TO15\_ICAL

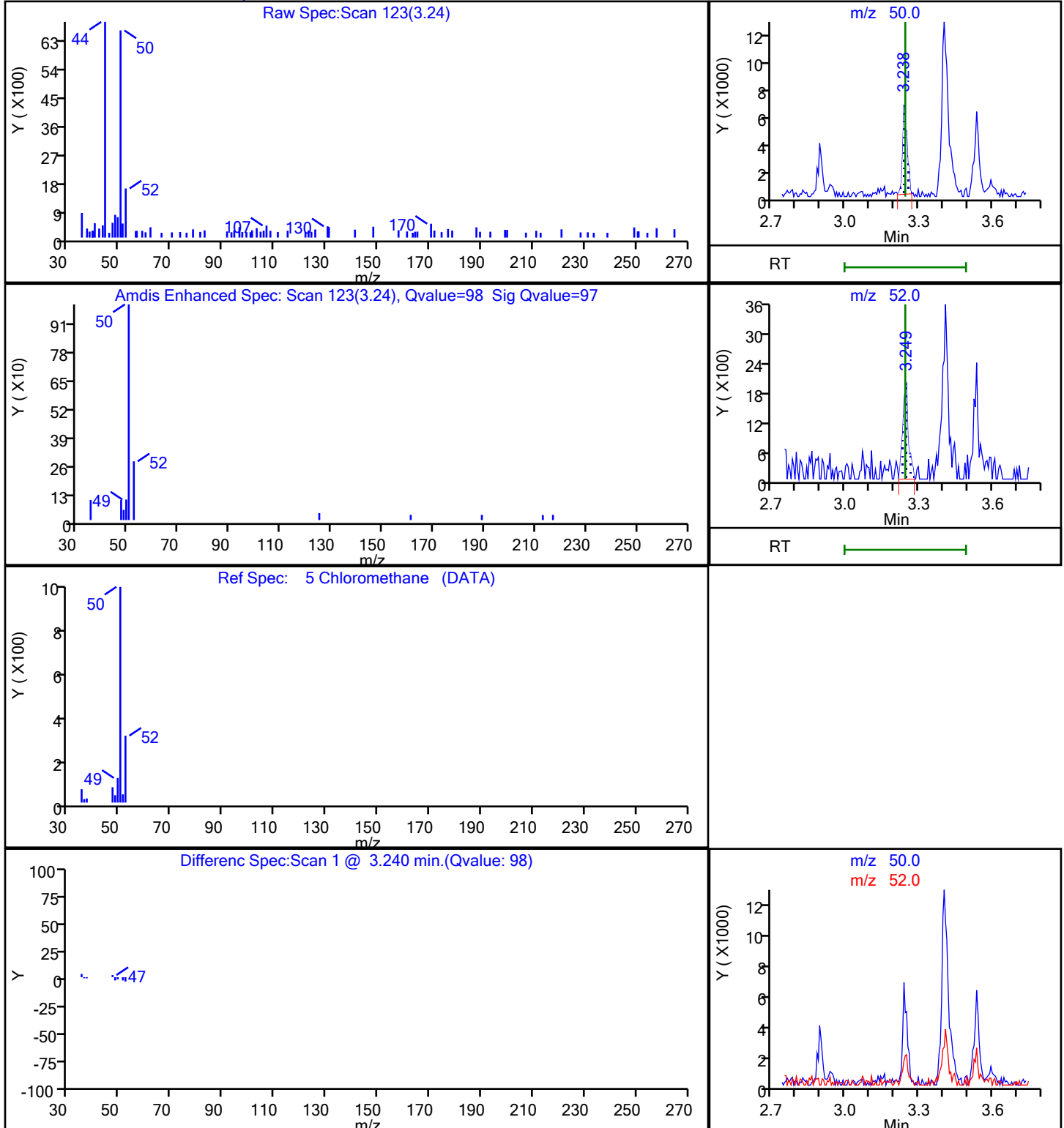
Column: RTX-624 ( 0.32 mm)

Detector: MS SCAN

**3 Chlorodifluoromethane, CAS: 75-45-6**

## Eurofins TestAmerica, Burlington

Data File: \\chromfs\Burlington\ChromData\CHC.i\20201218-44136.b\44136-09.D  
Injection Date: 18-Dec-2020 18:17:30 Instrument ID: CHC.i  
Lims ID: 200-56451-A-7 Lab Sample ID: 200-56451-7  
Client ID: SG-207  
Operator ID: vtp ALS Bottle#: 9 Worklist Smp#: 9  
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**

## Eurofins TestAmerica, Burlington

Data File: \\chromfs\Burlington\ChromData\CHC.i\20201218-44136.b\44136-09.D

Injection Date: 18-Dec-2020 18:17:30

Instrument ID: CHC.i

Lims ID: 200-56451-A-7

Lab Sample ID: 200-56451-7

Client ID: SG-207

Operator ID: vtp

ALS Bottle#: 9

Worklist Smp#: 9

Purge Vol: 200.000 mL

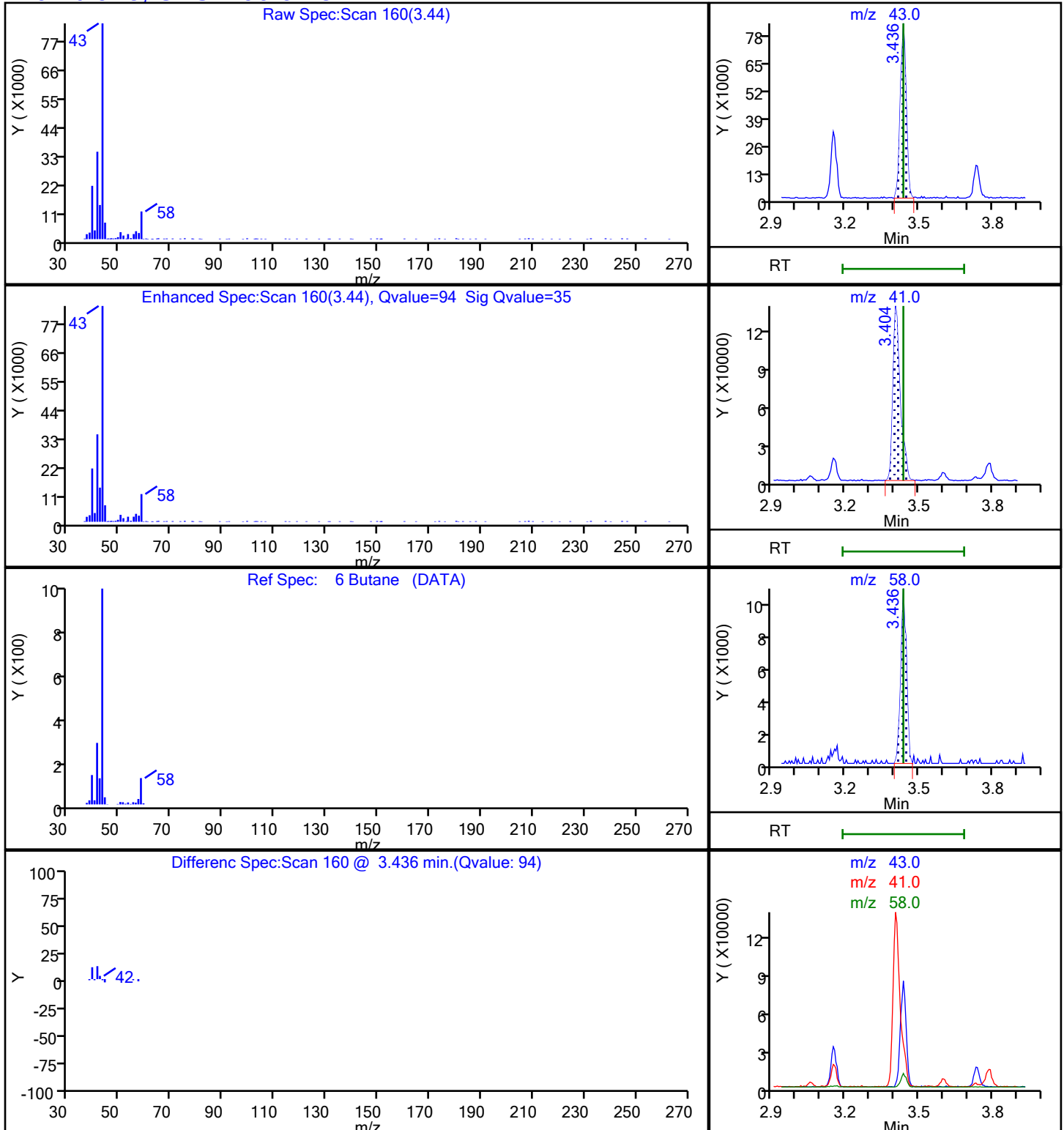
Dil. Factor: 1.0000

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**

## Eurofins TestAmerica, Burlington

Data File: \\chromfs\Burlington\ChromData\CHC.i\20201218-44136.b\44136-09.D

Injection Date: 18-Dec-2020 18:17:30

Instrument ID: CHC.i

Lims ID: 200-56451-A-7

Lab Sample ID: 200-56451-7

Client ID: SG-207

Operator ID: vtp

ALS Bottle#: 9

Worklist Smp#: 9

Purge Vol: 200.000 mL

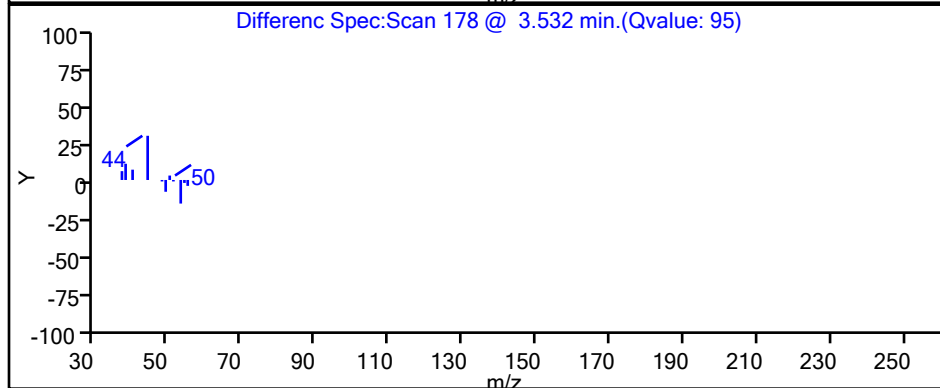
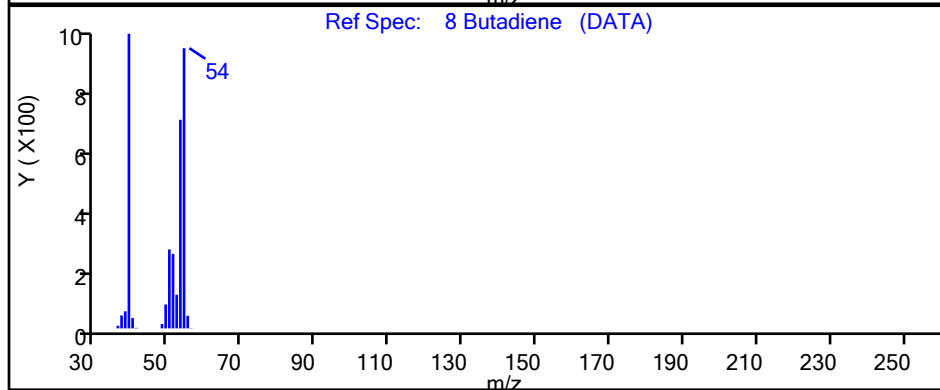
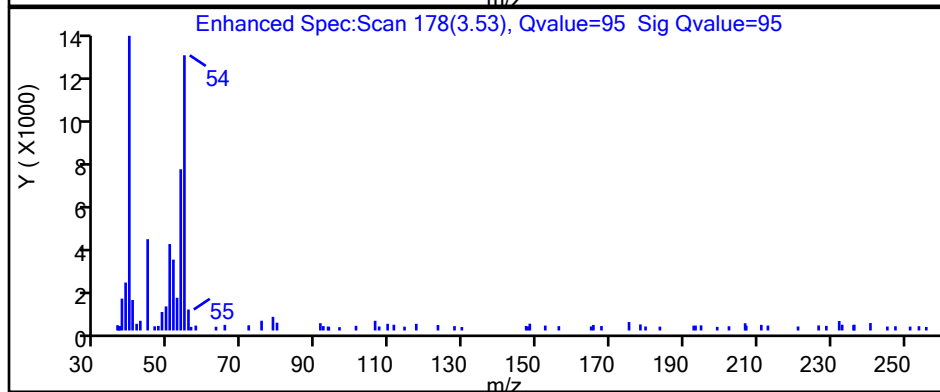
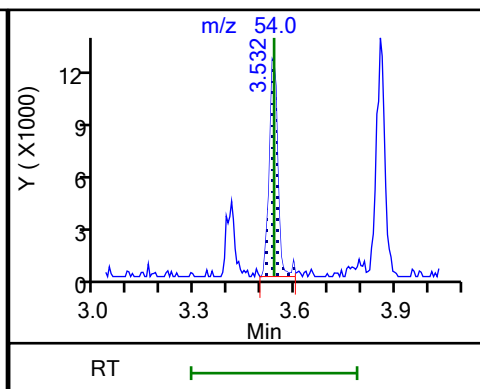
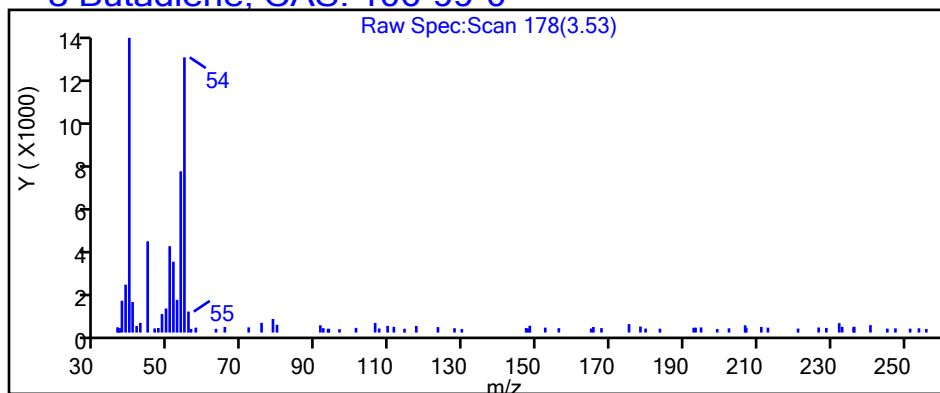
Dil. Factor: 1.0000

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**



## Eurofins TestAmerica, Burlington

Data File: \\chromfs\Burlington\ChromData\CHC.i\20201218-44136.b\44136-09.D

Injection Date: 18-Dec-2020 18:17:30

Instrument ID: CHC.i

Lims ID: 200-56451-A-7

Lab Sample ID: 200-56451-7

Client ID: SG-207

Operator ID: vtp

ALS Bottle#: 9

Worklist Smp#: 9

Purge Vol: 200.000 mL

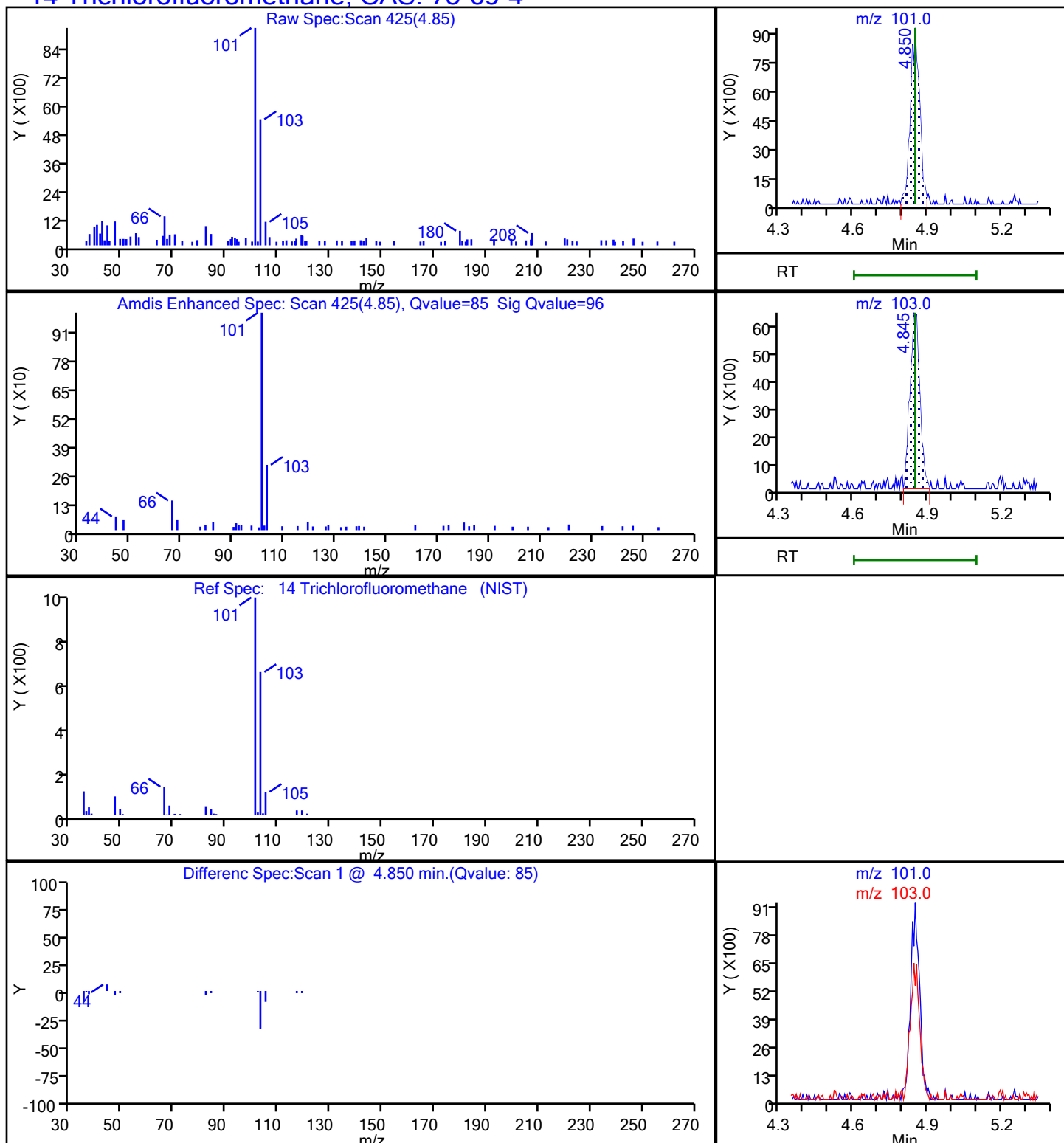
Dil. Factor: 1.0000

Method: TO15\_MasterMethod\_(v1)\_CHC.i

Limit Group: AI\_TO15\_ICAL

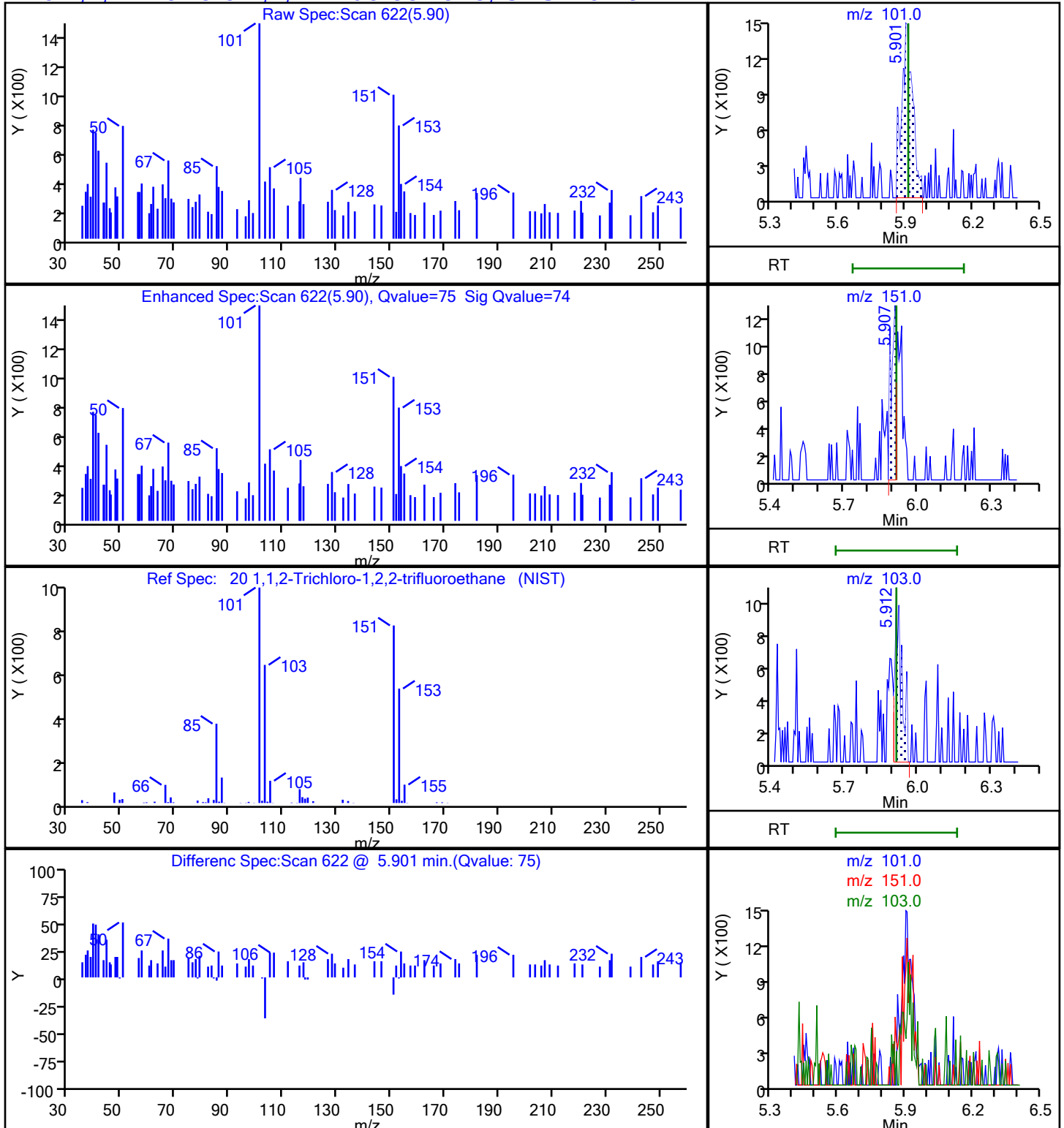
Column: RTX-624 (0.32 mm)

Detector: MS SCAN

**14 Trichlorofluoromethane, CAS: 75-69-4**

## Eurofins TestAmerica, Burlington

Data File: \\chromfs\Burlington\ChromData\CHC.i\20201218-44136.b\44136-09.D  
Injection Date: 18-Dec-2020 18:17:30 Instrument ID: CHC.i  
Lims ID: 200-56451-A-7 Lab Sample ID: 200-56451-7  
Client ID: SG-207  
Operator ID: vtp ALS Bottle#: 9 Worklist Smp#: 9  
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

**20 1,1,2-Trichloro-1,2,2-trifluoroethane, CAS: 76-13-1**

## Eurofins TestAmerica, Burlington

Data File: \\chromfs\Burlington\ChromData\CHC.i\20201218-44136.b\44136-09.D

Injection Date: 18-Dec-2020 18:17:30

Instrument ID: CHC.i

Lims ID: 200-56451-A-7

Lab Sample ID: 200-56451-7

Client ID: SG-207

Operator ID: vtp

ALS Bottle#: 9

Worklist Smp#: 9

Purge Vol: 200.000 mL

Dil. Factor: 1.0000

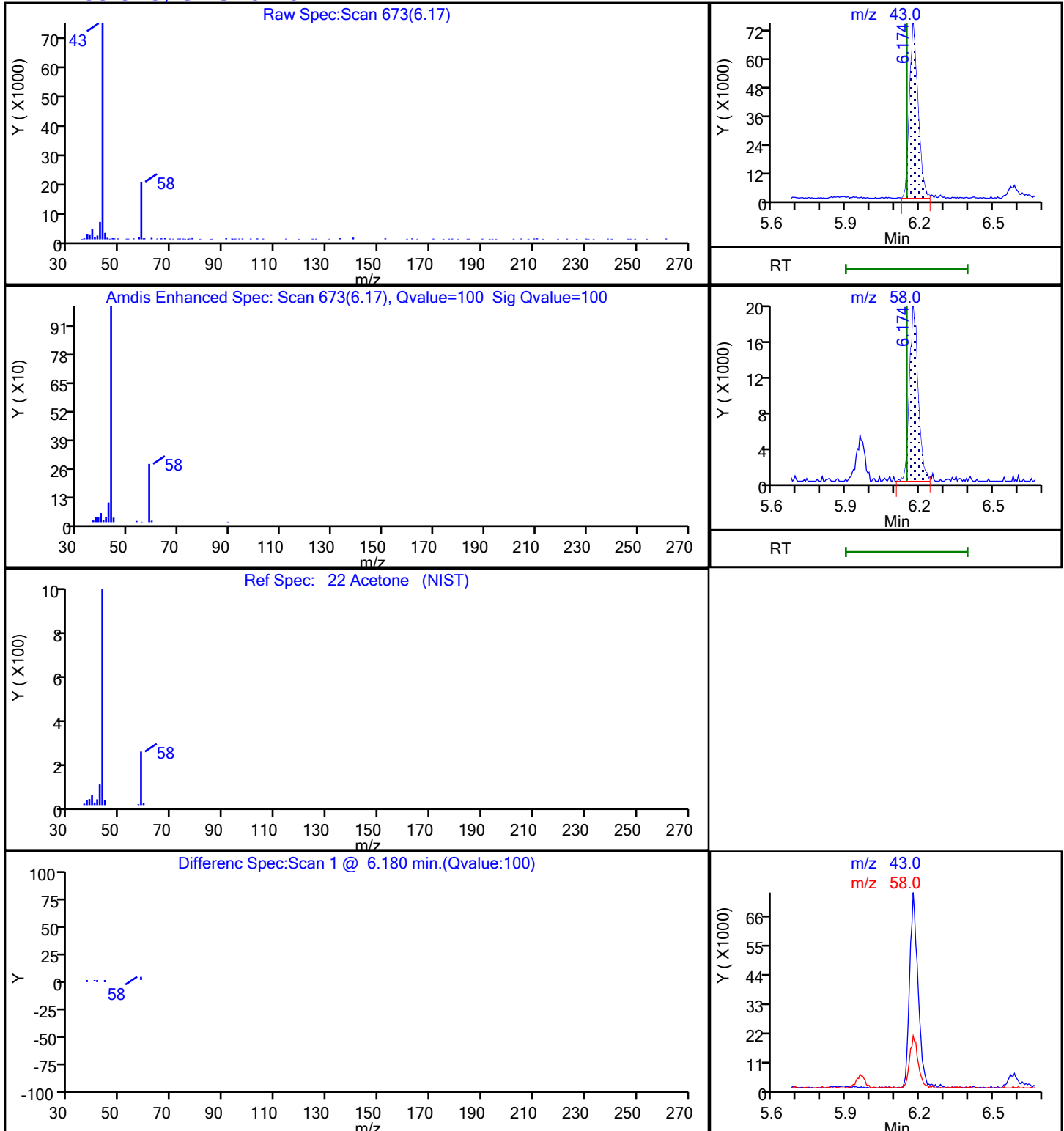
Method: TO15\_MasterMethod\_(v1)\_CHC.i

Limit Group: AI\_TO15\_ICAL

Column: RTX-624 ( 0.32 mm)

Detector: MS SCAN

## 22 Acetone, CAS: 67-64-1



## Eurofins TestAmerica, Burlington

Data File: \\chromfs\Burlington\ChromData\CHC.i\20201218-44136.b\44136-09.D

Injection Date: 18-Dec-2020 18:17:30

Instrument ID: CHC.i

Lims ID: 200-56451-A-7

Lab Sample ID: 200-56451-7

Client ID: SG-207

Operator ID: vtp

ALS Bottle#: 9

Worklist Smp#: 9

Purge Vol: 200.000 mL

Dil. Factor: 1.0000

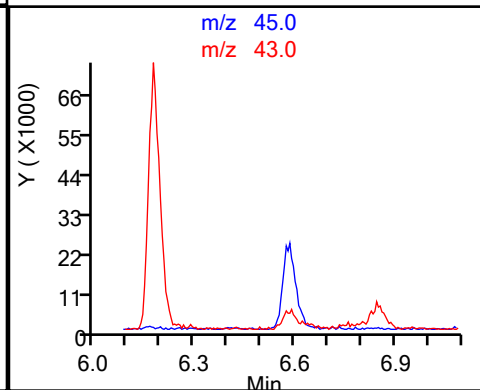
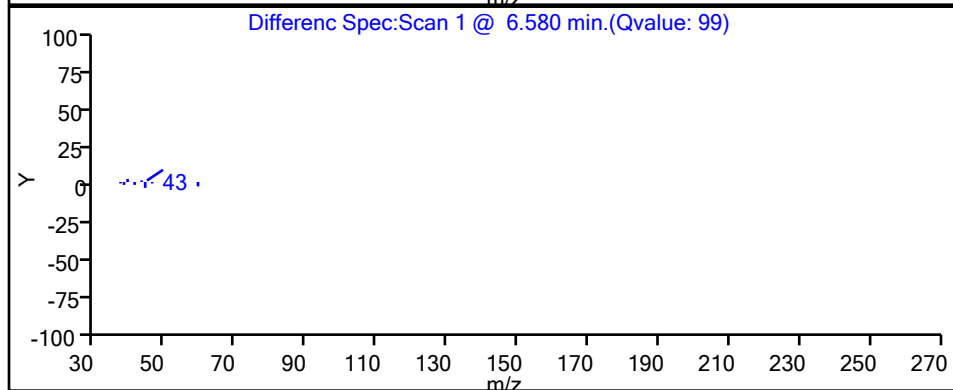
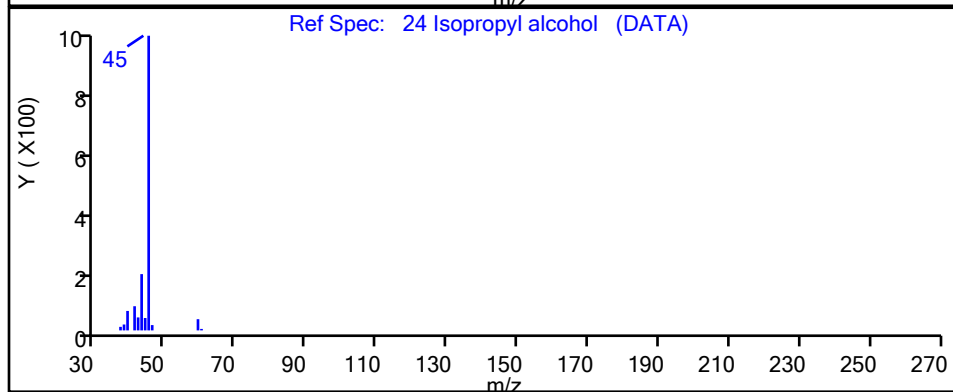
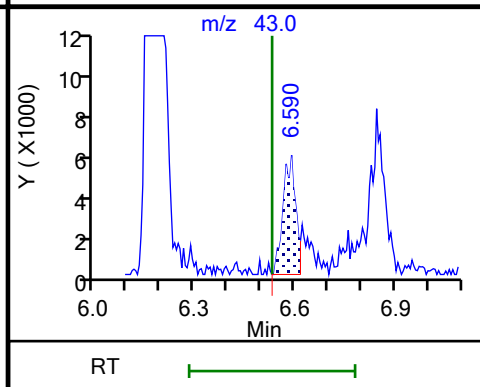
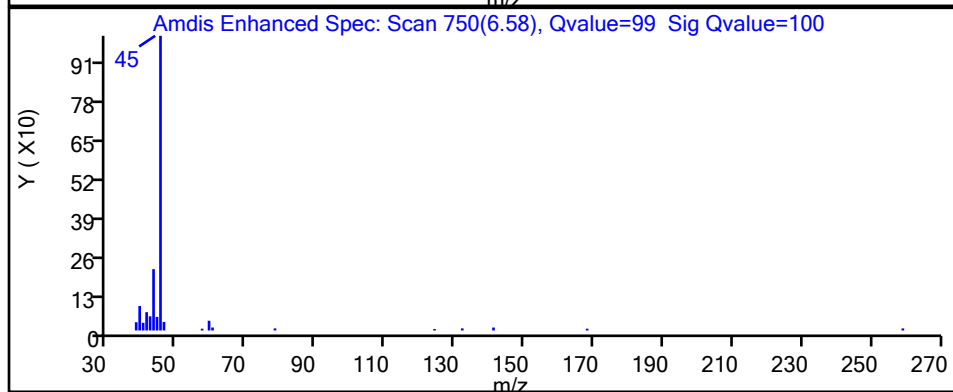
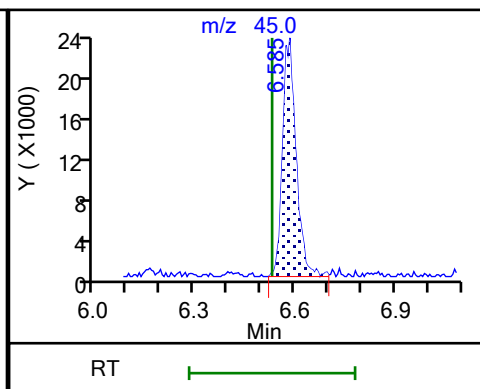
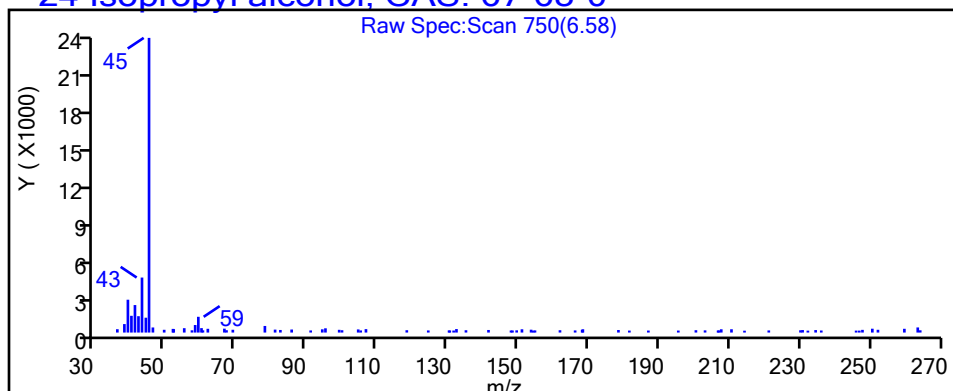
Method: TO15\_MasterMethod\_(v1)\_CHC.i

Limit Group: AI\_TO15\_ICAL

Column: RTX-624 ( 0.32 mm)

Detector: MS SCAN

## 24 Isopropyl alcohol, CAS: 67-63-0



## Eurofins TestAmerica, Burlington

Data File: \\chromfs\Burlington\ChromData\CHC.i\20201218-44136.b\44136-09.D

Injection Date: 18-Dec-2020 18:17:30

Instrument ID: CHC.i

Lims ID: 200-56451-A-7

Lab Sample ID: 200-56451-7

Client ID: SG-207

Operator ID: vtp

ALS Bottle#: 9

Worklist Smp#: 9

Purge Vol: 200.000 mL

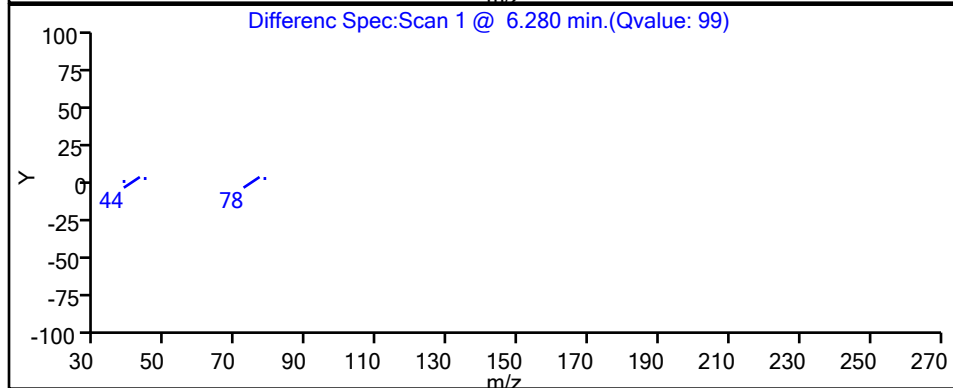
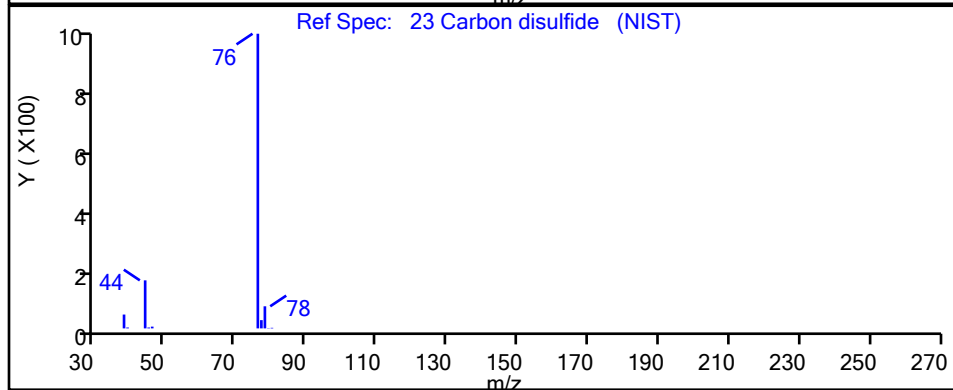
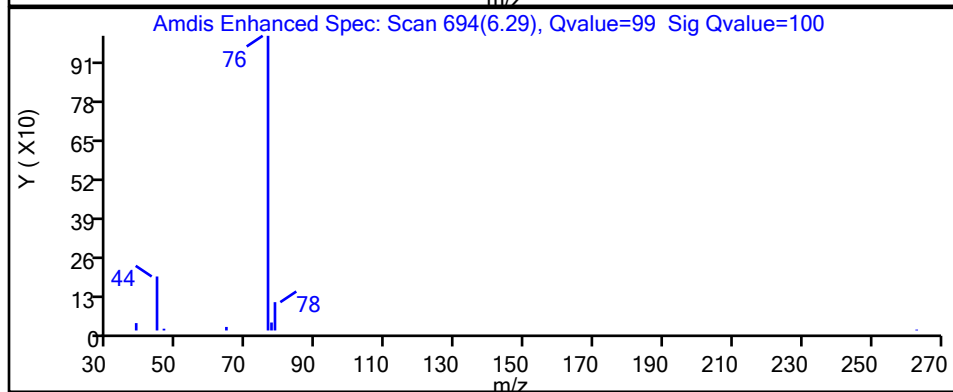
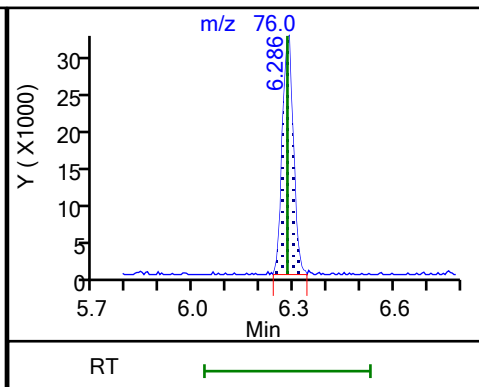
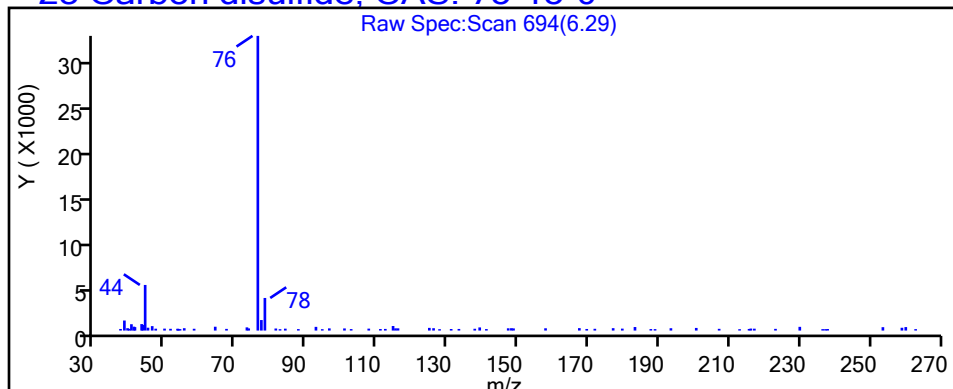
Dil. Factor: 1.0000

Method: TO15\_MasterMethod\_(v1)\_CHC.i

Limit Group: AI\_TO15\_ICAL

Column: RTX-624 ( 0.32 mm)

Detector: MS SCAN

**23 Carbon disulfide, CAS: 75-15-0**

## Eurofins TestAmerica, Burlington

Data File: \\chromfs\Burlington\ChromData\CHC.i\20201218-44136.b\44136-09.D

Injection Date: 18-Dec-2020 18:17:30

Instrument ID: CHC.i

Lims ID: 200-56451-A-7

Lab Sample ID: 200-56451-7

Client ID: SG-207

Operator ID: vtp

ALS Bottle#: 9

Worklist Smp#: 9

Purge Vol: 200.000 mL

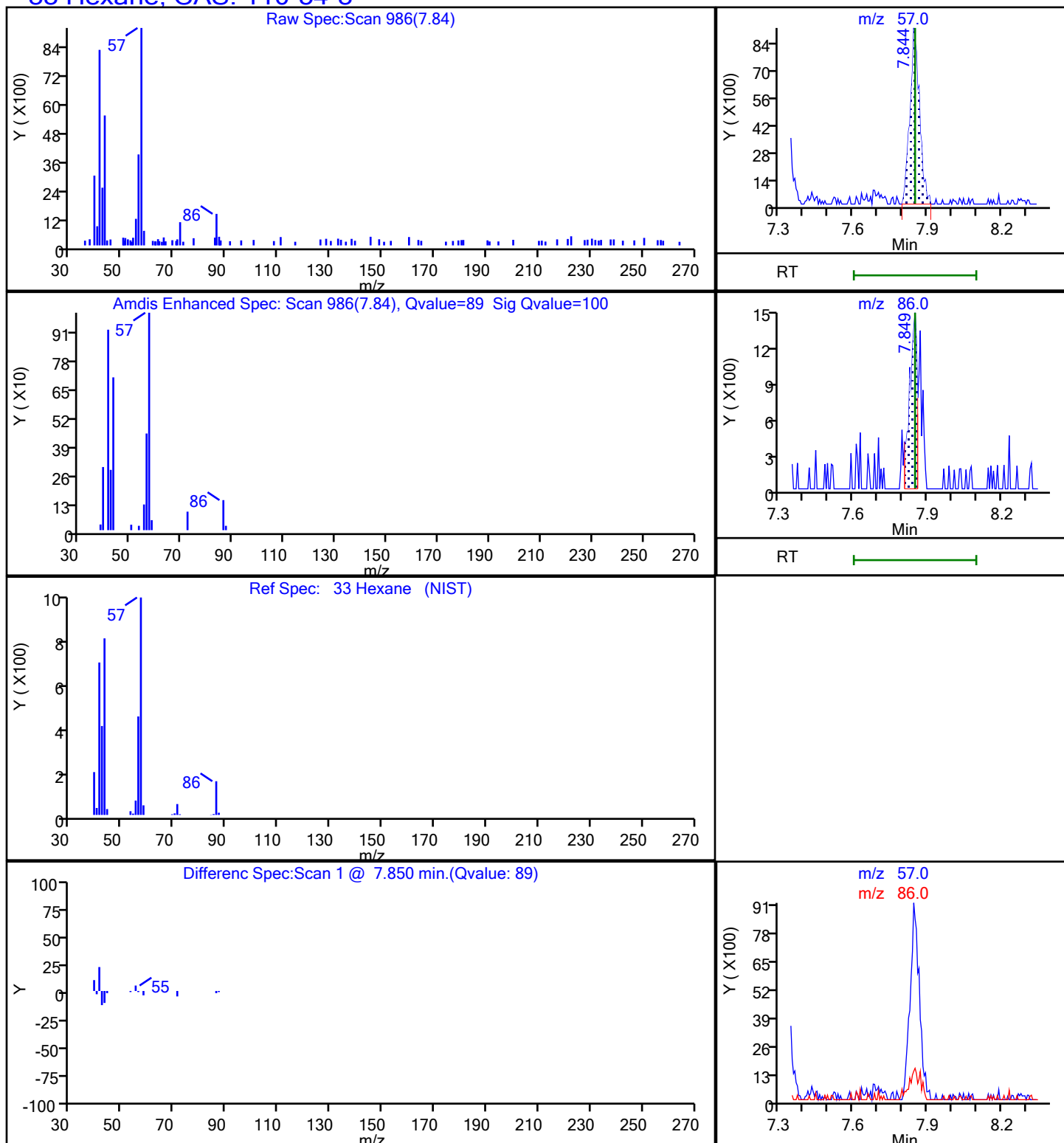
Dil. Factor: 1.0000

Method: TO15\_MasterMethod\_(v1)\_CHC.i

Limit Group: AI\_TO15\_ICAL

Column: RTX-624 (0.32 mm)

Detector: MS SCAN

**33 Hexane, CAS: 110-54-3**

## Eurofins TestAmerica, Burlington

Data File: \\chromfs\Burlington\ChromData\CHC.i\20201218-44136.b\44136-09.D

Injection Date: 18-Dec-2020 18:17:30

Instrument ID: CHC.i

Lims ID: 200-56451-A-7

Lab Sample ID: 200-56451-7

Client ID: SG-207

Operator ID: vtp

ALS Bottle#: 9

Worklist Smp#: 9

Purge Vol: 200.000 mL

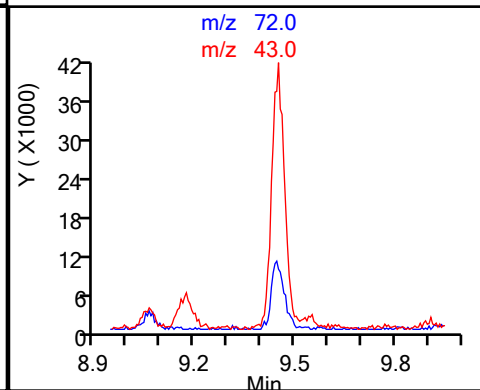
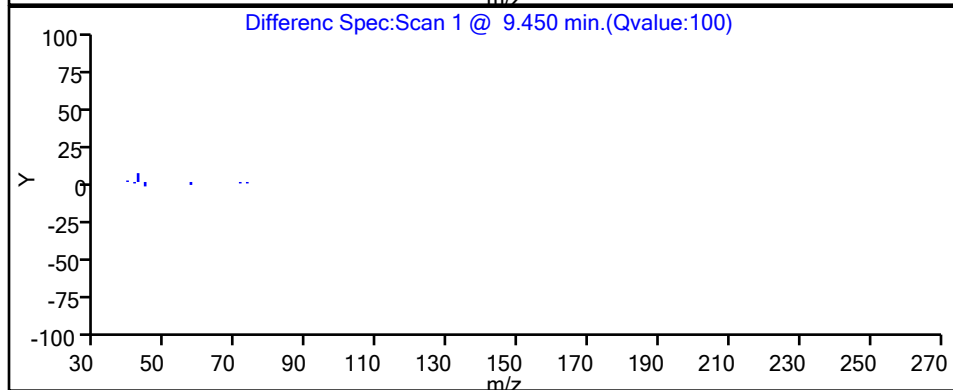
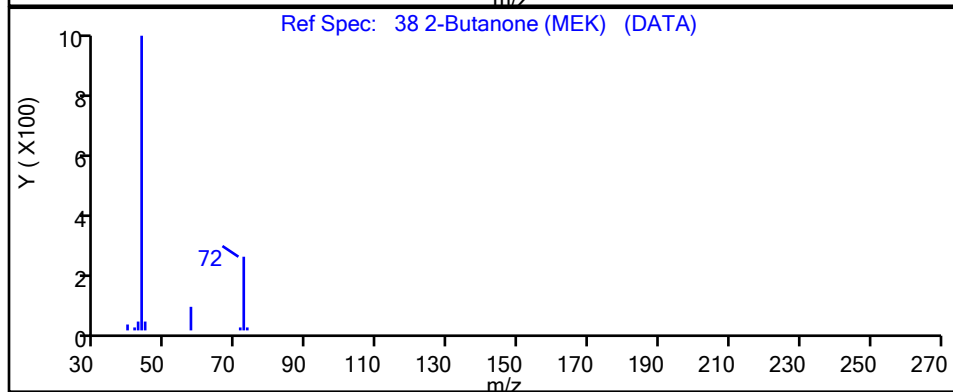
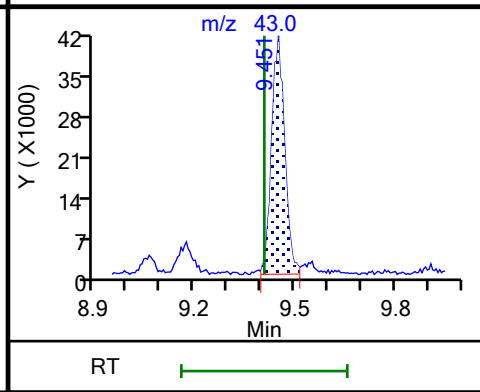
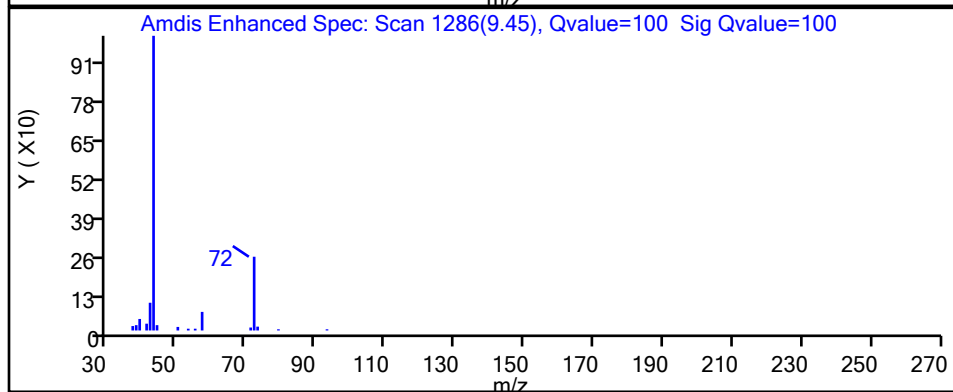
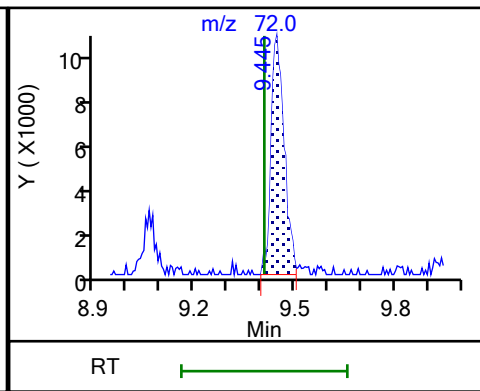
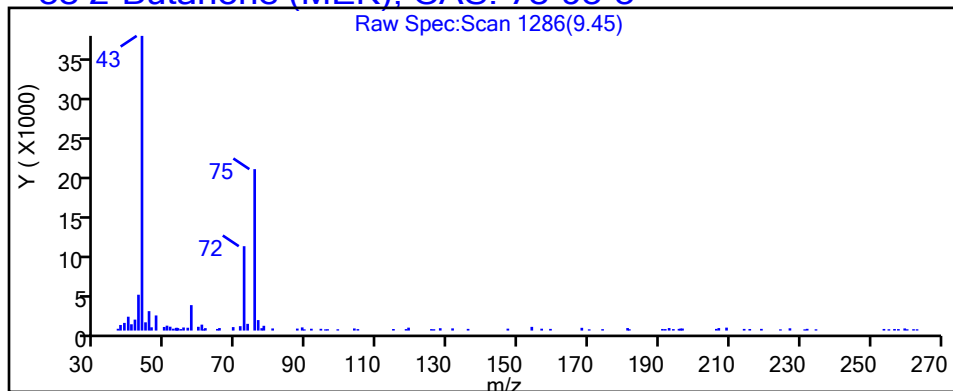
Dil. Factor: 1.0000

Method: TO15\_MasterMethod\_(v1)\_CHC.i

Limit Group: AI\_TO15\_ICAL

Column: RTX-624 (0.32 mm)

Detector: MS SCAN

**38 2-Butanone (MEK). CAS: 78-93-3**

## Eurofins TestAmerica, Burlington

Data File: \\chromfs\Burlington\ChromData\CHC.i\20201218-44136.b\44136-09.D

Injection Date: 18-Dec-2020 18:17:30

Instrument ID: CHC.i

Lims ID: 200-56451-A-7

Lab Sample ID: 200-56451-7

Client ID: SG-207

Operator ID: vtp

ALS Bottle#: 9

Worklist Smp#: 9

Purge Vol: 200.000 mL

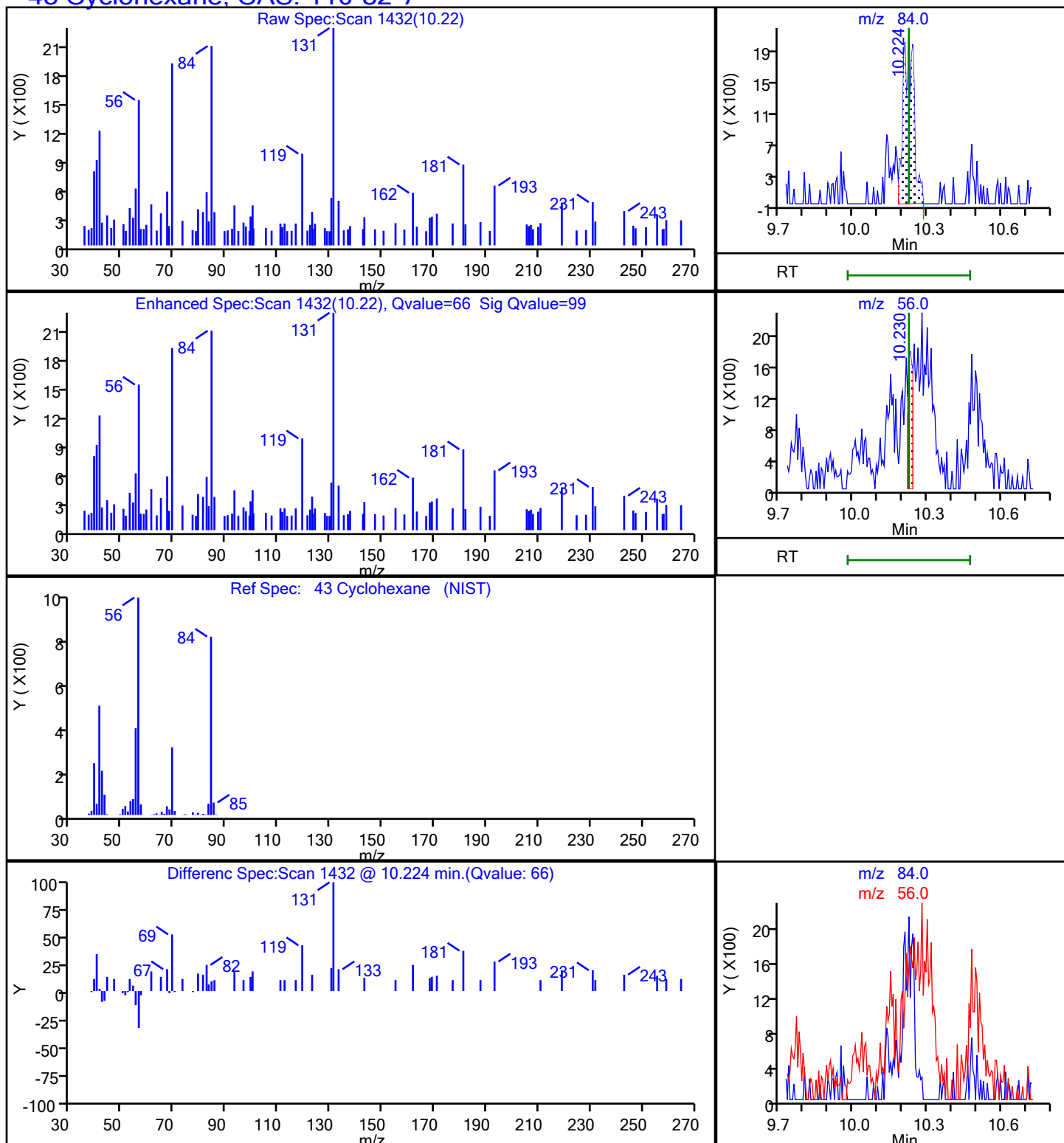
Dil. Factor: 1.0000

Method: TO15\_MasterMethod\_(v1)\_CHC.i

Limit Group: AI\_TO15\_ICAL

Column: RTX-624 ( 0.32 mm)

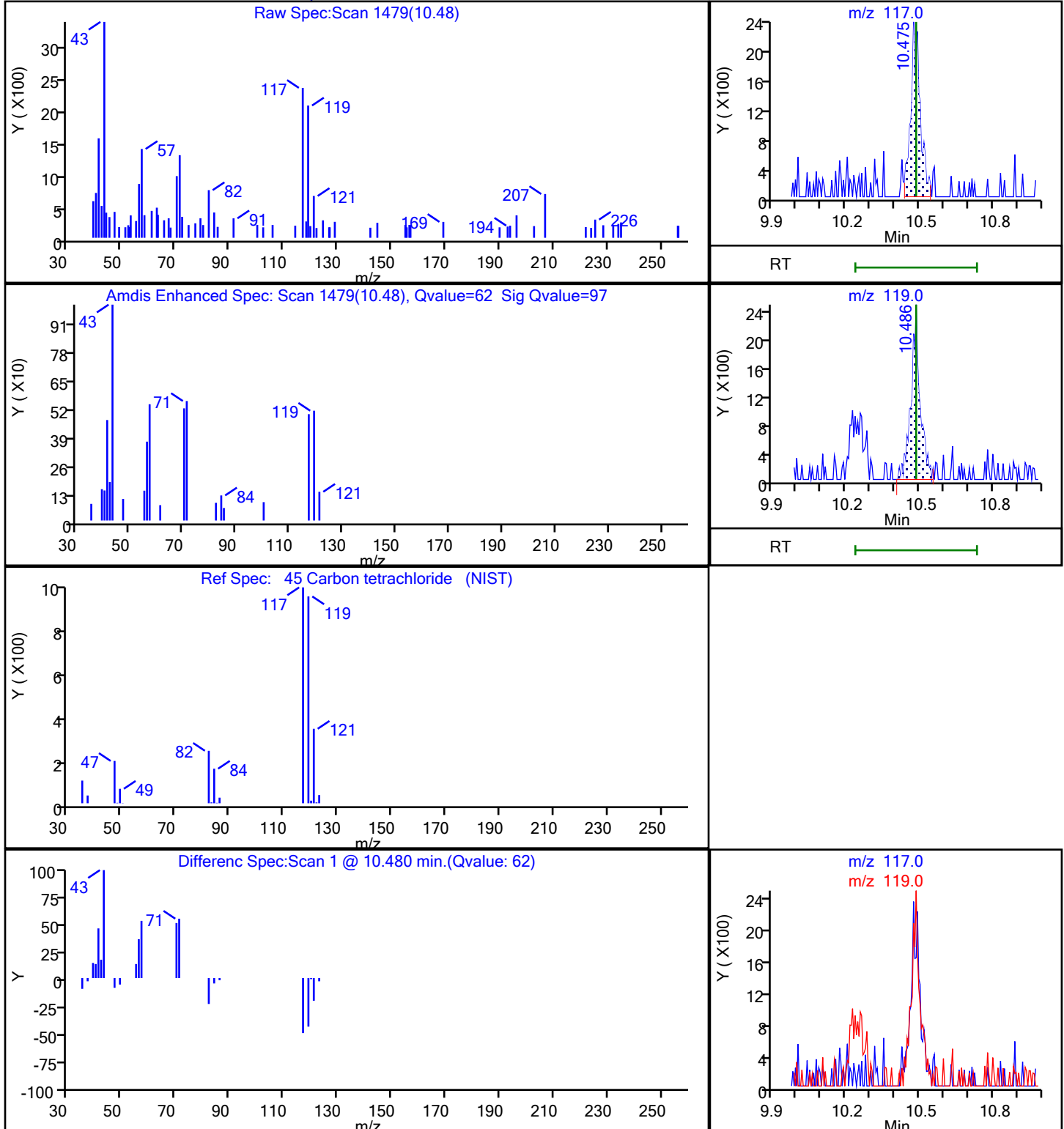
Detector: MS SCAN

**43 Cyclohexane, CAS: 110-82-7**



## Eurofins TestAmerica, Burlington

Data File: \\chromfs\Burlington\ChromData\CHC.i\20201218-44136.b\44136-09.D  
Injection Date: 18-Dec-2020 18:17:30 Instrument ID: CHC.i  
Lims ID: 200-56451-A-7 Lab Sample ID: 200-56451-7  
Client ID: SG-207  
Operator ID: vtp ALS Bottle#: 9 Worklist Smp#: 9  
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 Carbon tetrachloride, CAS: 56-23-5**

## Eurofins TestAmerica, Burlington

Data File: \\chromfs\Burlington\ChromData\CHC.i\20201218-44136.b\44136-09.D

Injection Date: 18-Dec-2020 18:17:30

Instrument ID: CHC.i

Lims ID: 200-56451-A-7

Lab Sample ID: 200-56451-7

Client ID: SG-207

Operator ID: vtp

ALS Bottle#: 9

Worklist Smp#: 9

Purge Vol: 200.000 mL

Dil. Factor: 1.0000

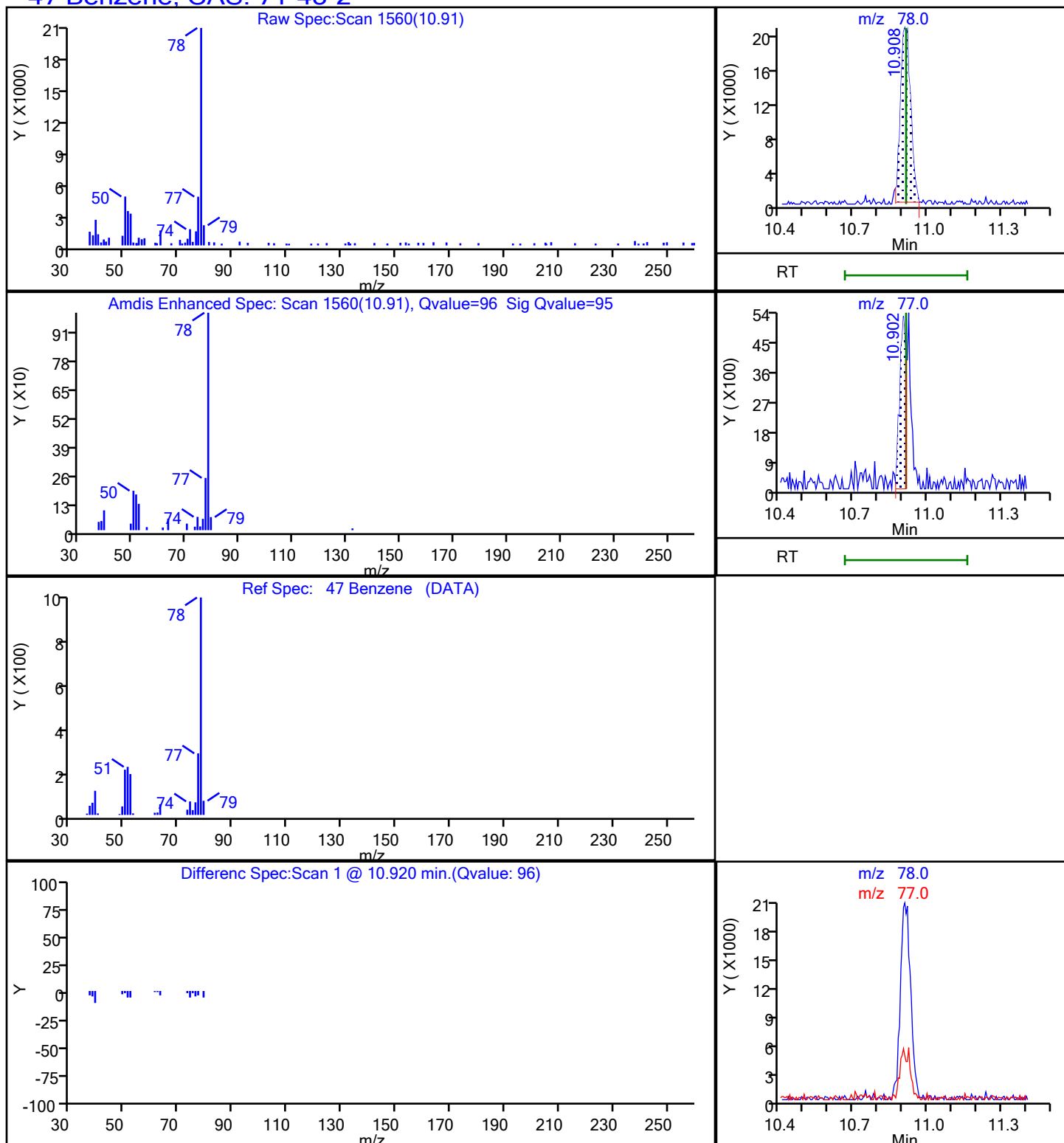
Method: TO15\_MasterMethod\_(v1)\_CHC.i

Limit Group: AI\_TO15\_ICAL

Column: RTX-624 ( 0.32 mm)

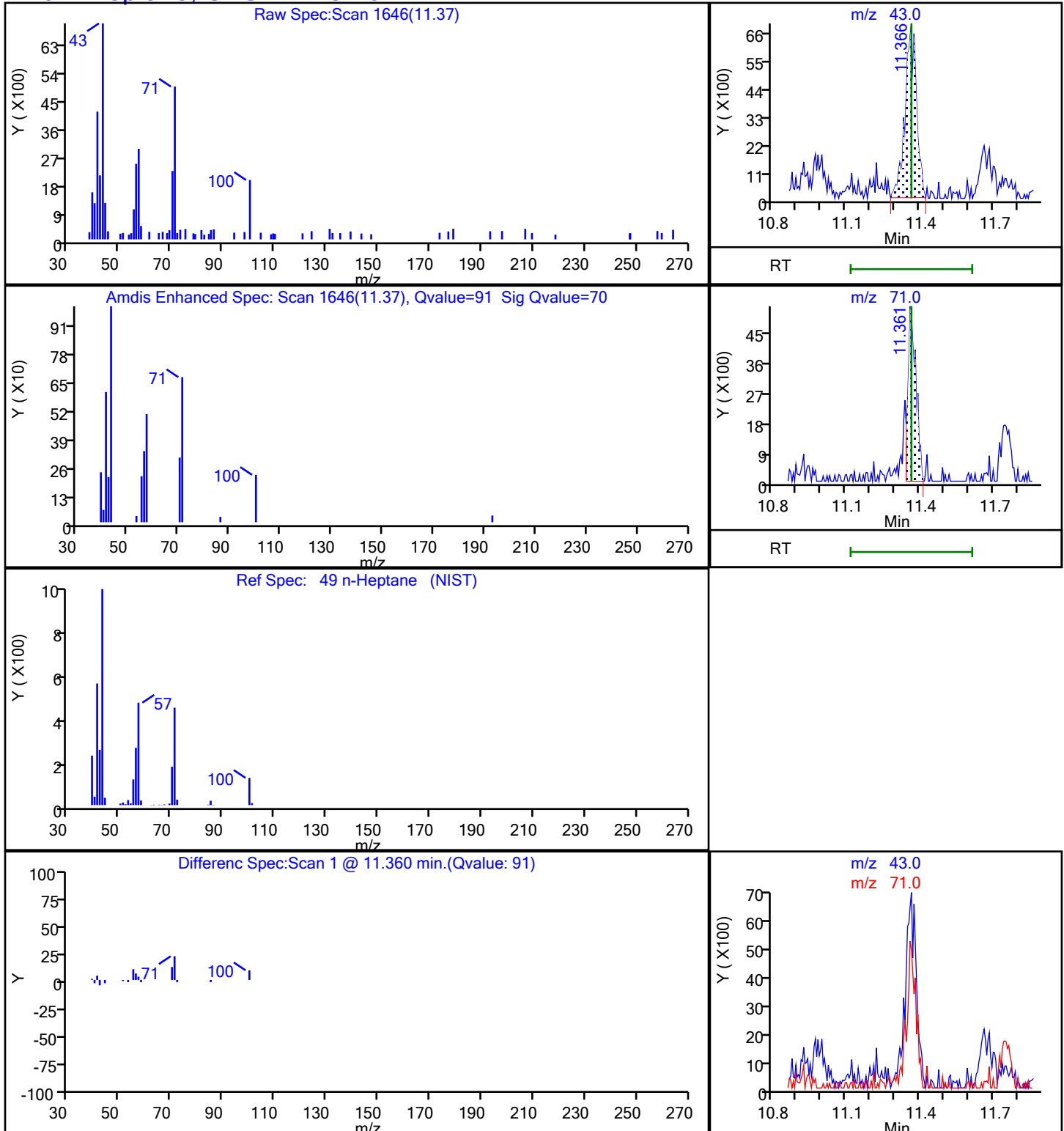
Detector: MS SCAN

## 47 Benzene, CAS: 71-43-2



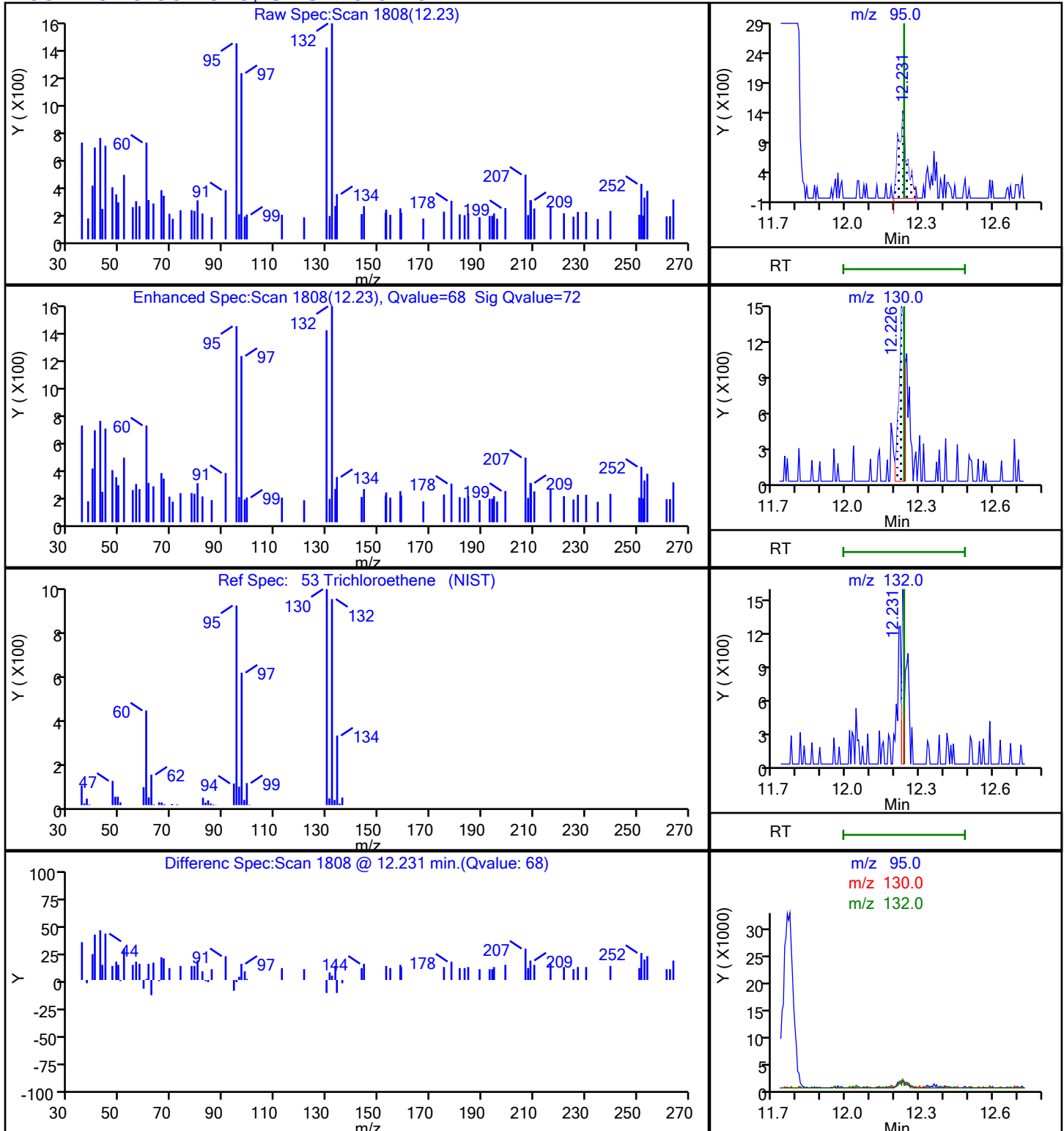
## Eurofins TestAmerica, Burlington

Data File: \\chromfs\Burlington\ChromData\CHC.i\20201218-44136.b\44136-09.D  
Injection Date: 18-Dec-2020 18:17:30 Instrument ID: CHC.i  
Lims ID: 200-56451-A-7 Lab Sample ID: 200-56451-7  
Client ID: SG-207  
Operator ID: vtp ALS Bottle#: 9 Worklist Smp#: 9  
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

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

## Eurofins TestAmerica, Burlington

Data File: \\chromfs\Burlington\ChromData\CHC.i\20201218-44136.b\44136-09.D  
Injection Date: 18-Dec-2020 18:17:30 Instrument ID: CHC.i  
Lims ID: 200-56451-A-7 Lab Sample ID: 200-56451-7  
Client ID: SG-207  
Operator ID: vtp ALS Bottle#: 9 Worklist Smp#: 9  
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

**53 Trichloroethene, CAS: 79-01-6**

## Eurofins TestAmerica, Burlington

Data File: \\chromfs\Burlington\ChromData\CHC.i\20201218-44136.b\44136-09.D

Injection Date: 18-Dec-2020 18:17:30

Instrument ID: CHC.i

Lims ID: 200-56451-A-7

Lab Sample ID: 200-56451-7

Client ID: SG-207

Operator ID: vtp

ALS Bottle#: 9

Worklist Smp#: 9

Purge Vol: 200.000 mL

Dil. Factor: 1.0000

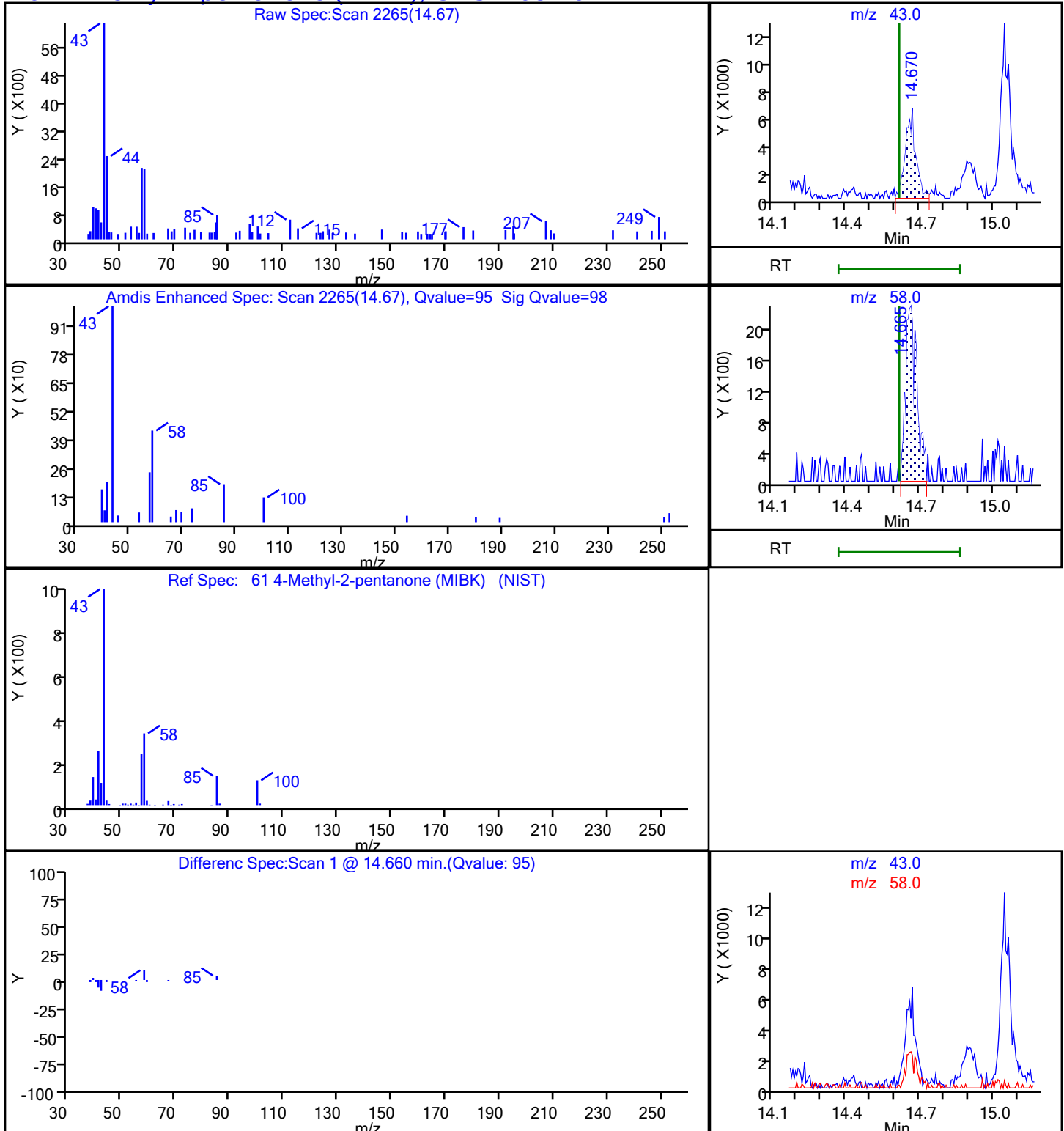
Method: TO15\_MasterMethod\_(v1)\_CHC.i

Limit Group: AI\_TO15\_ICAL

Column: RTX-624 (0.32 mm)

Detector: MS SCAN

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



## Eurofins TestAmerica, Burlington

Data File: \\chromfs\Burlington\ChromData\CHC.i\20201218-44136.b\44136-09.D

Injection Date: 18-Dec-2020 18:17:30

Instrument ID: CHC.i

Lims ID: 200-56451-A-7

Lab Sample ID: 200-56451-7

Client ID: SG-207

Operator ID: vtp

ALS Bottle#: 9

Worklist Smp#: 9

Purge Vol: 200.000 mL

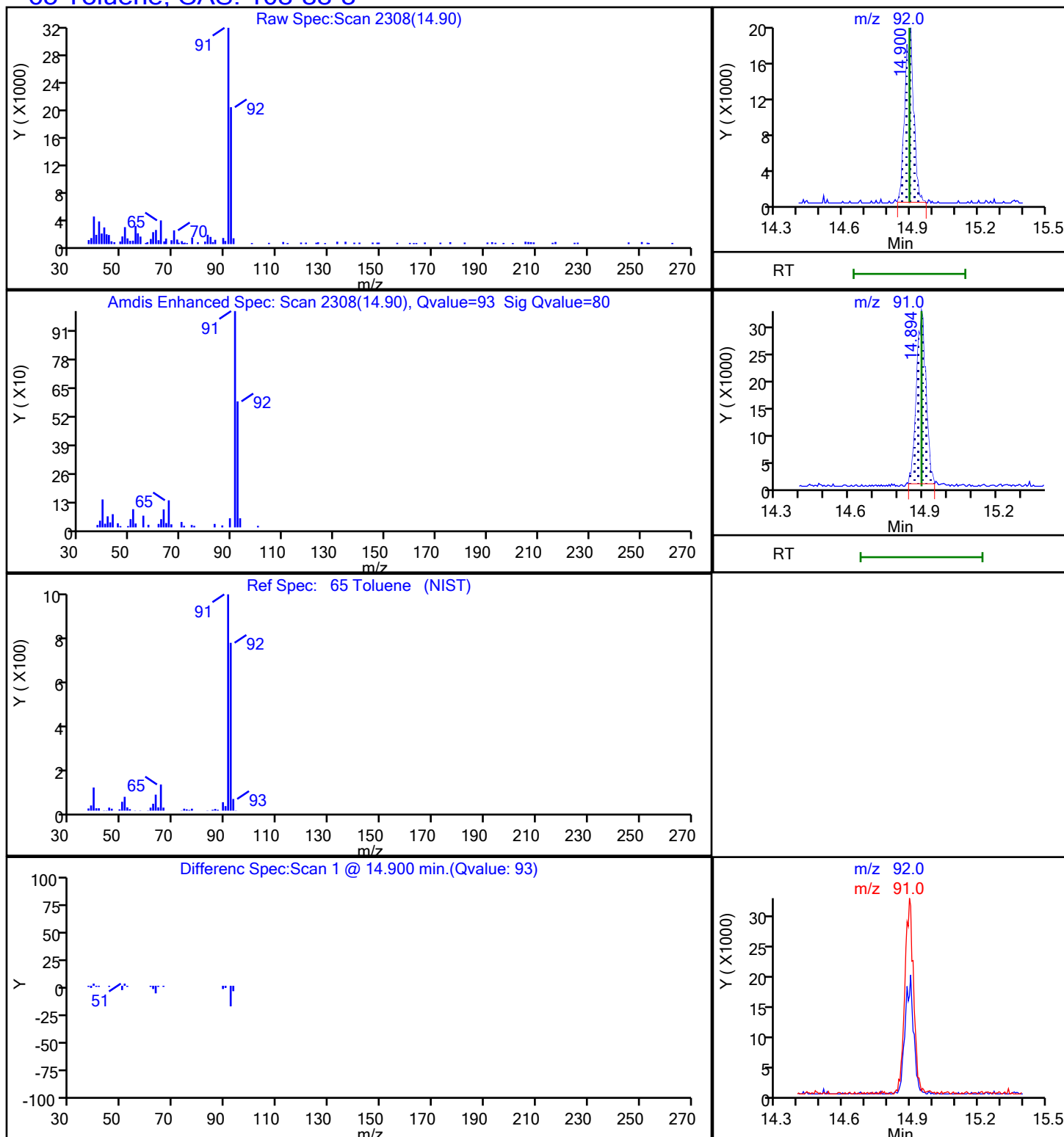
Dil. Factor: 1.0000

Method: TO15\_MasterMethod\_(v1)\_CHC.i

Limit Group: AI\_TO15\_ICAL

Column: RTX-624 ( 0.32 mm)

Detector: MS SCAN

**65 Toluene, CAS: 108-88-3**

## Eurofins TestAmerica, Burlington

Data File: \\chromfs\Burlington\ChromData\CHC.i\20201218-44136.b\44136-09.D

Injection Date: 18-Dec-2020 18:17:30

Instrument ID: CHC.i

Lims ID: 200-56451-A-7

Lab Sample ID: 200-56451-7

Client ID: SG-207

Operator ID: vtp

ALS Bottle#: 9

Worklist Smp#: 9

Purge Vol: 200.000 mL

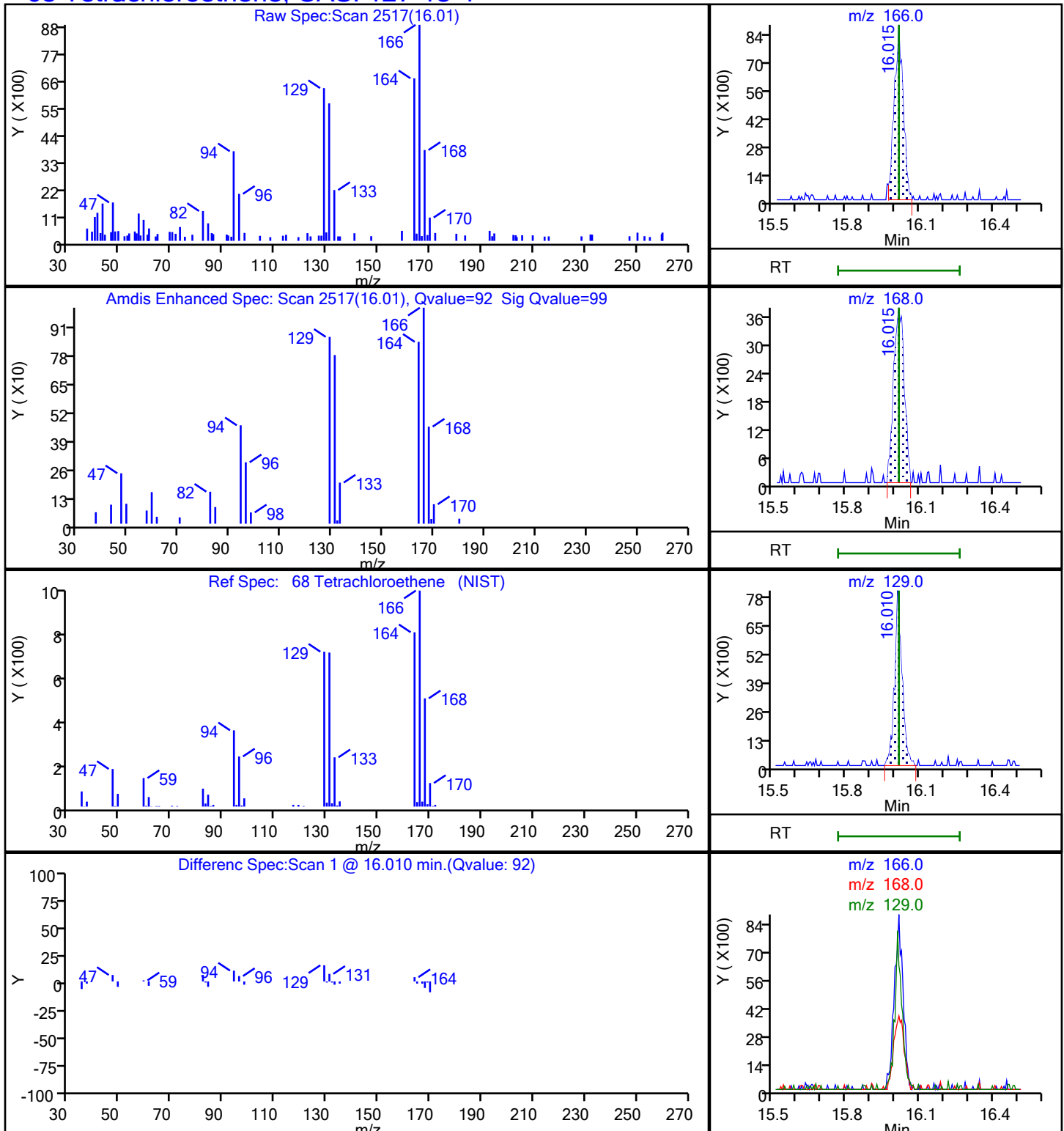
Dil. Factor: 1.0000

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**

## Eurofins TestAmerica, Burlington

Data File: \\chromfs\Burlington\ChromData\CHC.i\20201218-44136.b\44136-09.D

Injection Date: 18-Dec-2020 18:17:30

Instrument ID: CHC.i

Lims ID: 200-56451-A-7

Lab Sample ID: 200-56451-7

Client ID: SG-207

Operator ID: vtp

ALS Bottle#: 9

Worklist Smp#: 9

Purge Vol: 200.000 mL

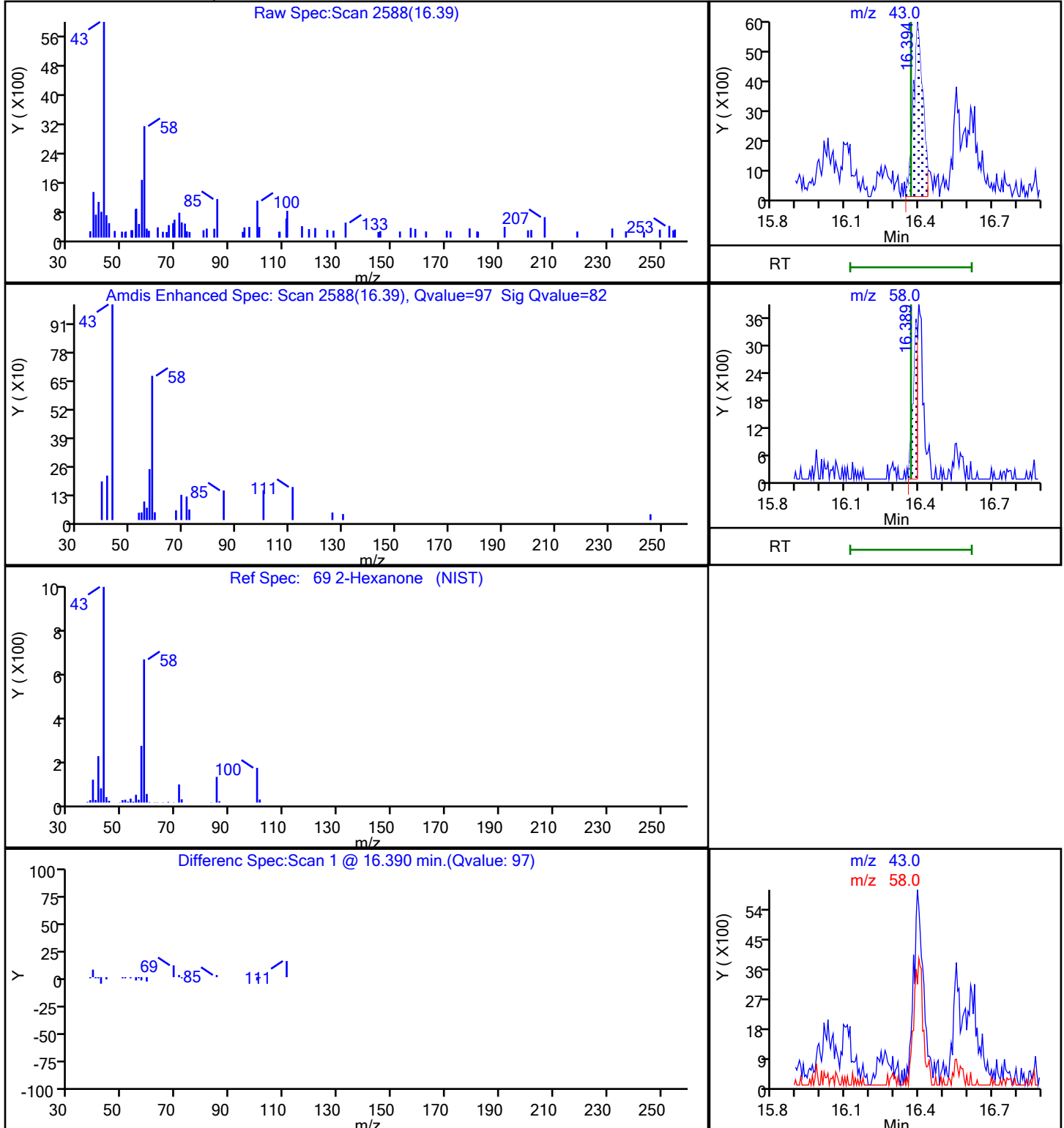
Dil. Factor: 1.0000

Method: TO15\_MasterMethod\_(v1)\_CHC.i

Limit Group: AI\_TO15\_ICAL

Column: RTX-624 ( 0.32 mm)

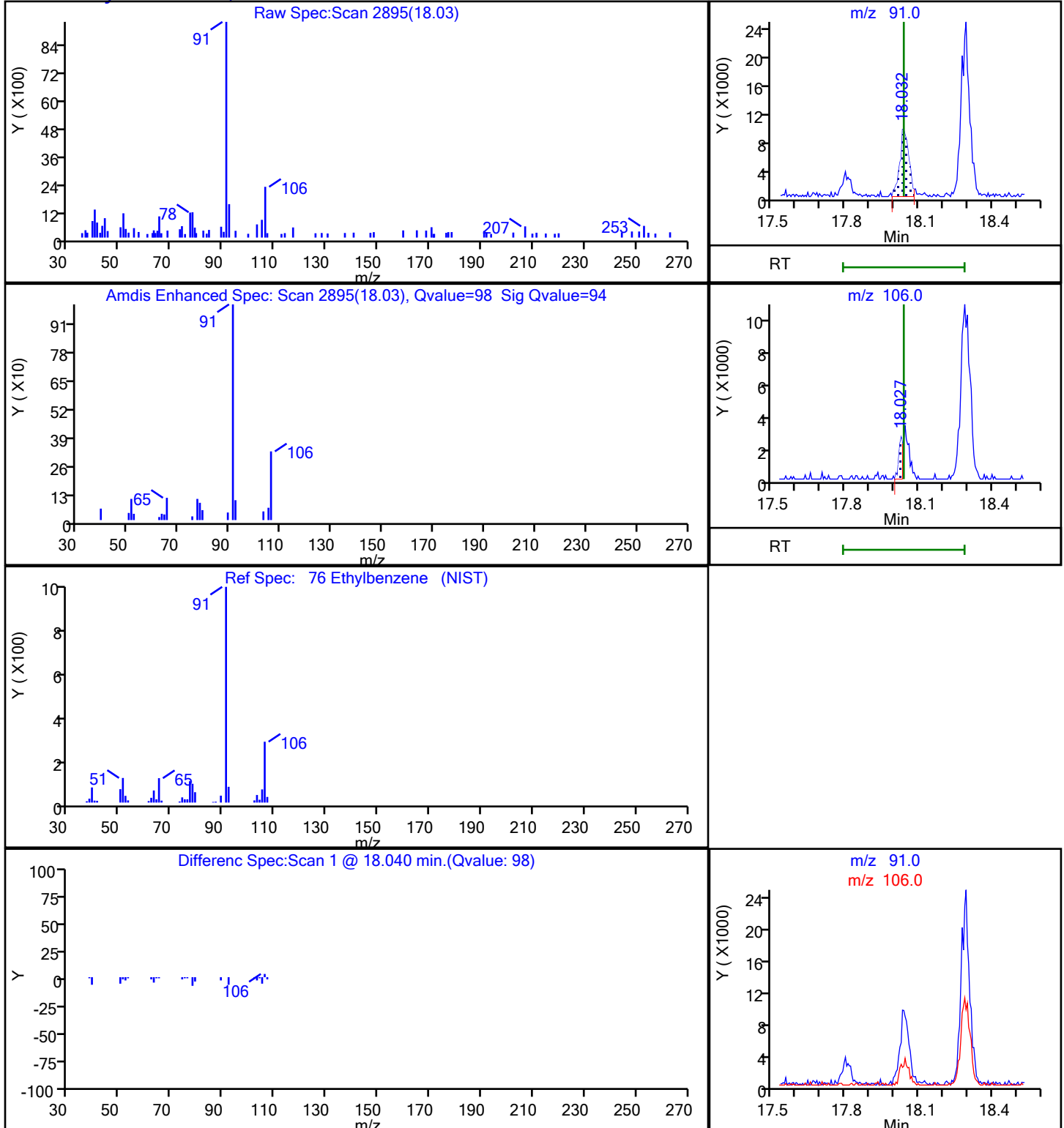
Detector: MS SCAN

**69 2-Hexanone, CAS: 591-78-6**



## Eurofins TestAmerica, Burlington

Data File: \\chromfs\Burlington\ChromData\CHC.i\20201218-44136.b\44136-09.D  
Injection Date: 18-Dec-2020 18:17:30 Instrument ID: CHC.i  
Lims ID: 200-56451-A-7 Lab Sample ID: 200-56451-7  
Client ID: SG-207  
Operator ID: vtp ALS Bottle#: 9 Worklist Smp#: 9  
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 Ethylbenzene, CAS: 100-41-4**

Eurofins TestAmerica, Burlington

Data File: \\chromfs\Burlington\ChromData\CHC.i\20201218-44136.b\44136-09.D

Injection Date: 18-Dec-2020 18:17:30

Instrument ID: CHC.i

Lims ID: 200-56451-A-7

Lab Sample ID: 200-56451-7

Client ID: SG-207

Operator ID: vtp

ALS Bottle#: 9

Worklist Smp#: 9

Purge Vol: 200.000 mL

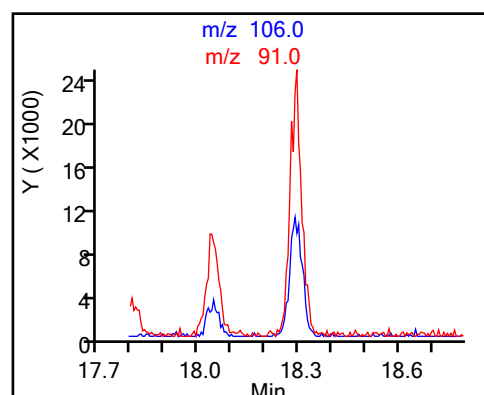
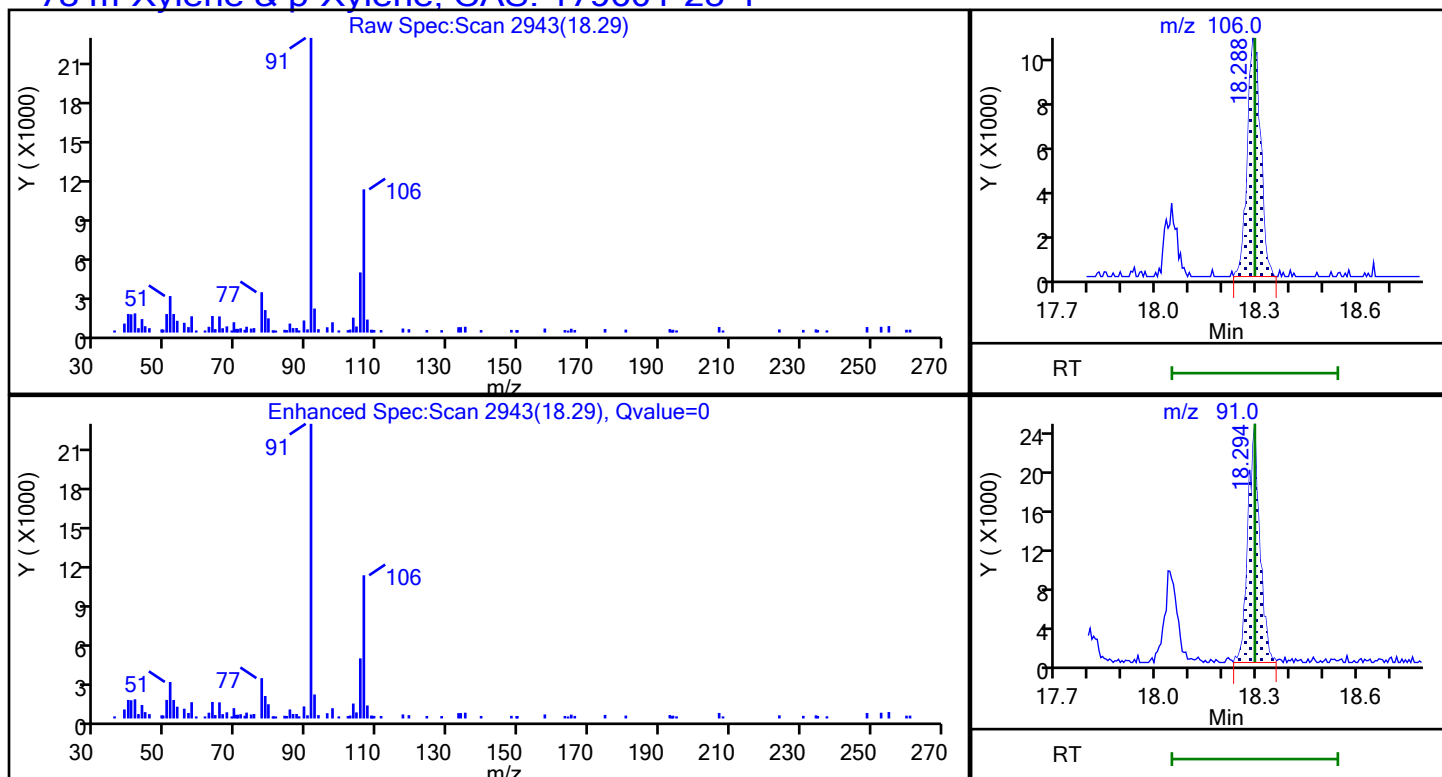
Dil. Factor: 1.0000

Method: TO15\_MasterMethod\_(v1)\_CHC.i

Limit Group: AI\_TO15\_ICAL

Column: RTX-624 (0.32 mm)

Detector: MS SCAN

**78 m-Xylene & p-Xylene, CAS: 179601-23-1**

## Eurofins TestAmerica, Burlington

Data File: \\chromfs\Burlington\ChromData\CHC.i\20201218-44136.b\44136-09.D

Injection Date: 18-Dec-2020 18:17:30

Instrument ID: CHC.i

Lims ID: 200-56451-A-7

Lab Sample ID: 200-56451-7

Client ID: SG-207

Operator ID: vtp

ALS Bottle#: 9

Worklist Smp#: 9

Purge Vol: 200.000 mL

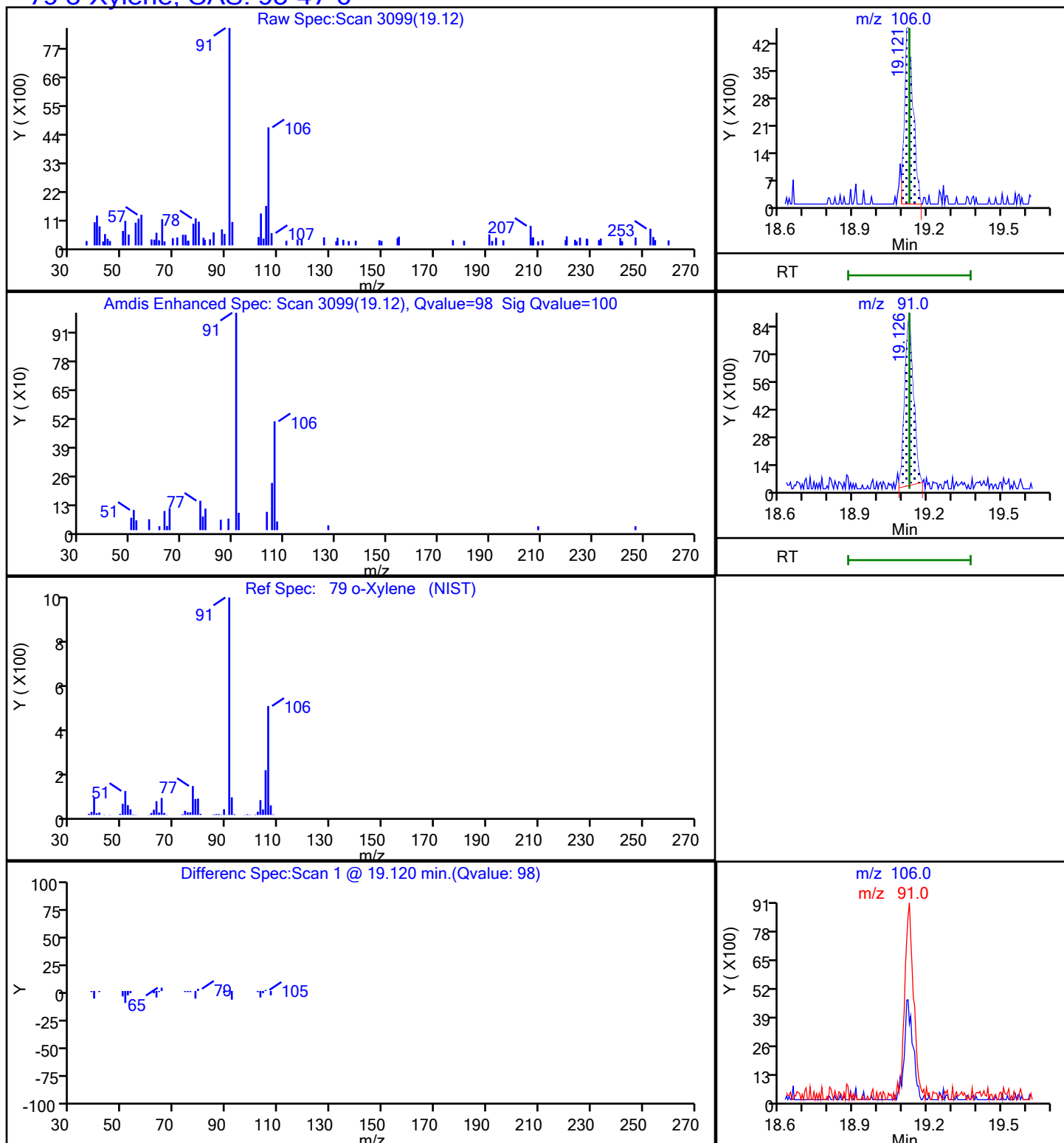
Dil. Factor: 1.0000

Method: TO15\_MasterMethod\_(v1)\_CHC.i

Limit Group: AI\_TO15\_ICAL

Column: RTX-624 ( 0.32 mm)

Detector: MS SCAN

**79 o-Xylene, CAS: 95-47-6**

## Eurofins TestAmerica, Burlington

Data File: \\chromfs\Burlington\ChromData\CHC.i\20201218-44136.b\44136-09.D

Injection Date: 18-Dec-2020 18:17:30

Instrument ID: CHC.i

Lims ID: 200-56451-A-7

Lab Sample ID: 200-56451-7

Client ID: SG-207

Operator ID: vtp

ALS Bottle#: 9

Worklist Smp#: 9

Purge Vol: 200.000 mL

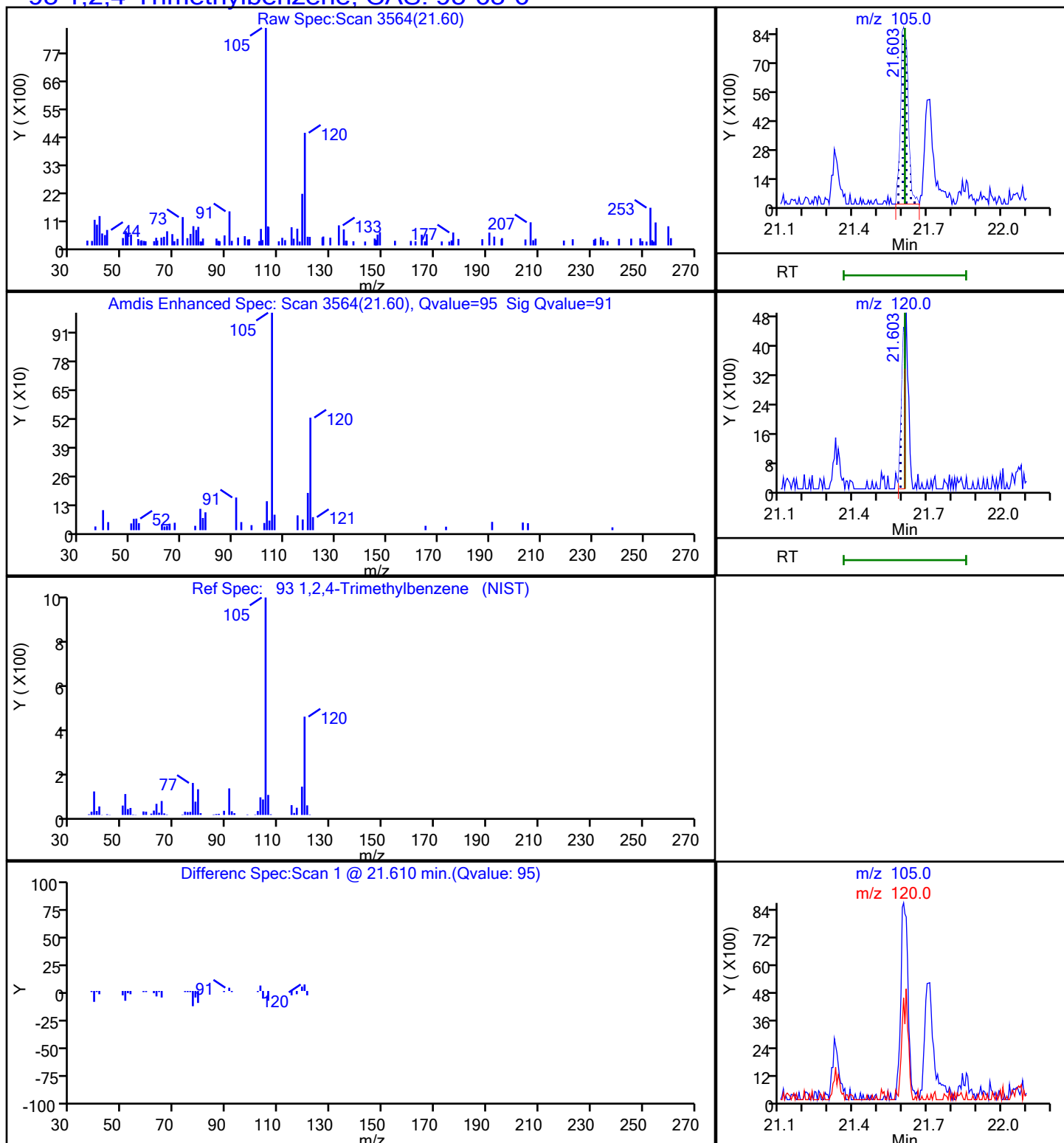
Dil. Factor: 1.0000

Method: TO15\_MasterMethod\_(v1)\_CHC.i

Limit Group: AI\_TO15\_ICAL

Column: RTX-624 ( 0.32 mm)

Detector: MS SCAN

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

## Eurofins TestAmerica, Burlington

Data File: \\chromfs\Burlington\ChromData\CHC.i\20201218-44136.b\44136-09.D

Injection Date: 18-Dec-2020 18:17:30

Instrument ID: CHC.i

Lims ID: 200-56451-A-7

Lab Sample ID: 200-56451-7

Client ID: SG-207

Operator ID: vtp

ALS Bottle#:

9

Worklist Smp#: 9

Purge Vol: 200.000 mL

Dil. Factor: 1.0000

Method: TO15\_MasterMethod\_(v1)\_CHC.i

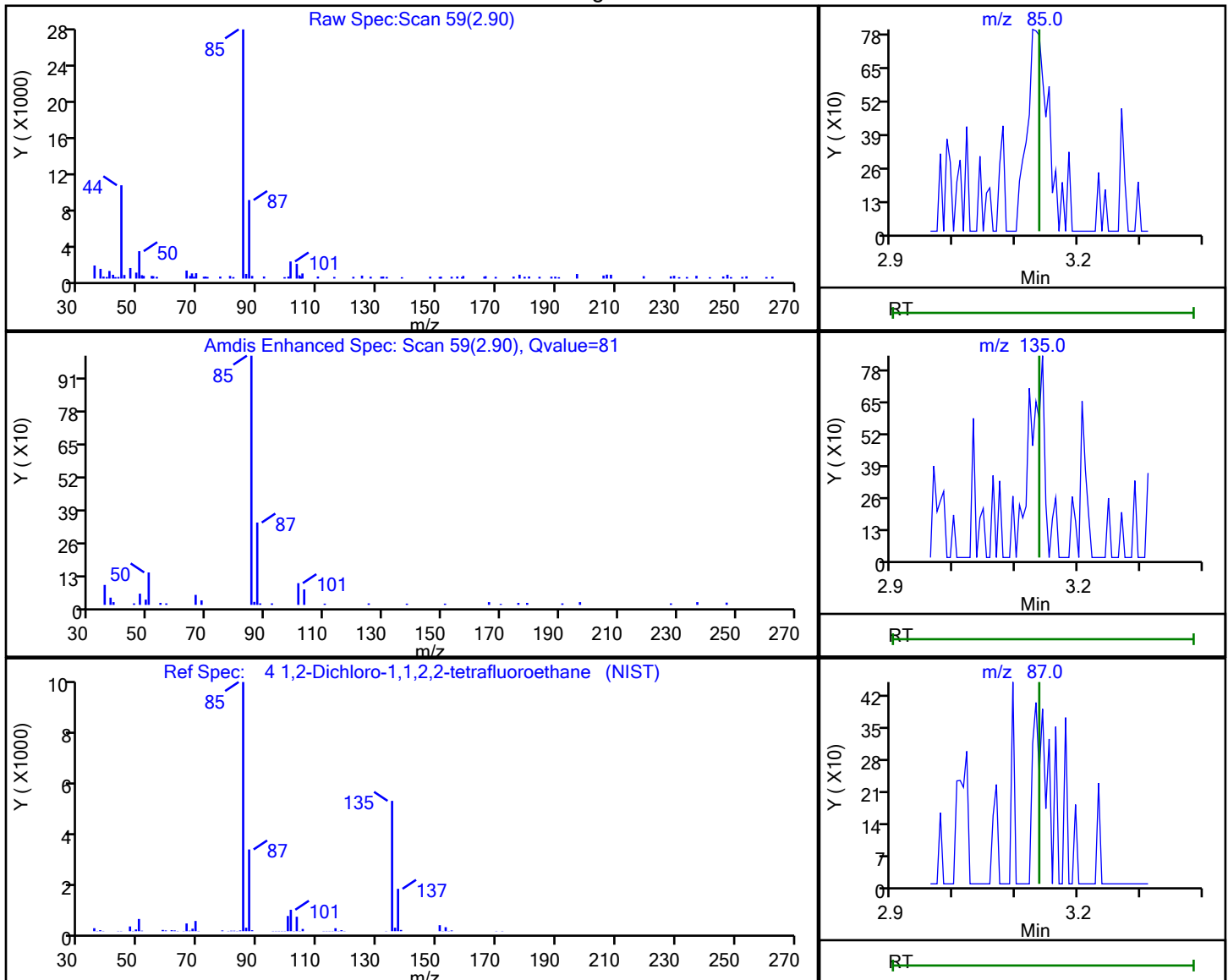
Limit Group: AI\_TO15\_ICAL

Column: RTX-624 ( 0.32 mm)

Detector: MS SCAN

## 4 1,2-Dichloro-1,1,2,2-tetrafluoroethane, CAS: 76-14-2

## Processing Results



| RT   | Mass   | Response | Amount   |
|------|--------|----------|----------|
| 2.90 | 85.00  | 32867    | 0.424502 |
| 2.87 | 135.00 | 189      |          |
| 2.90 | 87.00  | 11013    |          |

Reviewer: puangmaleek, 21-Dec-2020 15:20:19

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

## Eurofins TestAmerica, Burlington

Data File: \\chromfs\Burlington\ChromData\CHC.i\20201218-44136.b\44136-09.D

Injection Date: 18-Dec-2020 18:17:30

Instrument ID: CHC.i

Lims ID: 200-56451-A-7

Lab Sample ID: 200-56451-7

Client ID: SG-207

Operator ID: vtp

ALS Bottle#:

9

Worklist Smp#: 9

Purge Vol: 200.000 mL

Dil. Factor: 1.0000

Method: TO15\_MasterMethod\_(v1)\_CHC.i

Limit Group: AI\_TO15\_ICAL

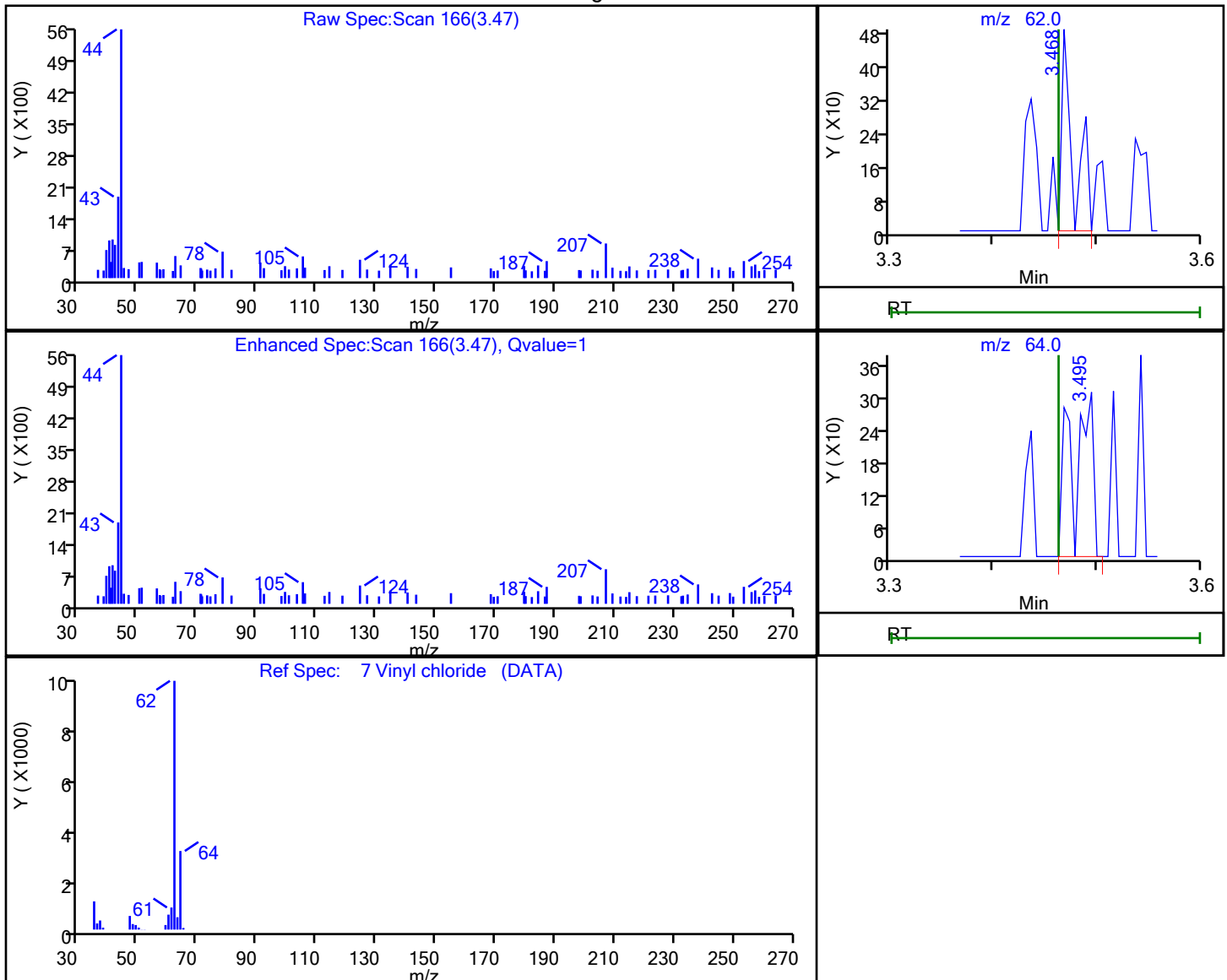
Column: RTX-624 ( 0.32 mm)

Detector

MS SCAN

## 7 Vinyl chloride, CAS: 75-01-4

## Processing Results



| RT   | Mass  | Response | Amount   |
|------|-------|----------|----------|
| 3.47 | 62.00 | 382      | 0.017371 |
| 3.49 | 64.00 | 430      |          |

Reviewer: puangmaleek, 21-Dec-2020 15:20:24

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

## Eurofins TestAmerica, Burlington

Data File: \\chromfs\Burlington\ChromData\CHC.i\20201218-44136.b\44136-09.D

Injection Date: 18-Dec-2020 18:17:30

Instrument ID: CHC.i

Lims ID: 200-56451-A-7

Lab Sample ID: 200-56451-7

Client ID: SG-207

Operator ID: vtp

ALS Bottle#:

9

Worklist Smp#: 9

Purge Vol: 200.000 mL

Dil. Factor: 1.0000

Method: TO15\_MasterMethod\_(v1)\_CHC.i

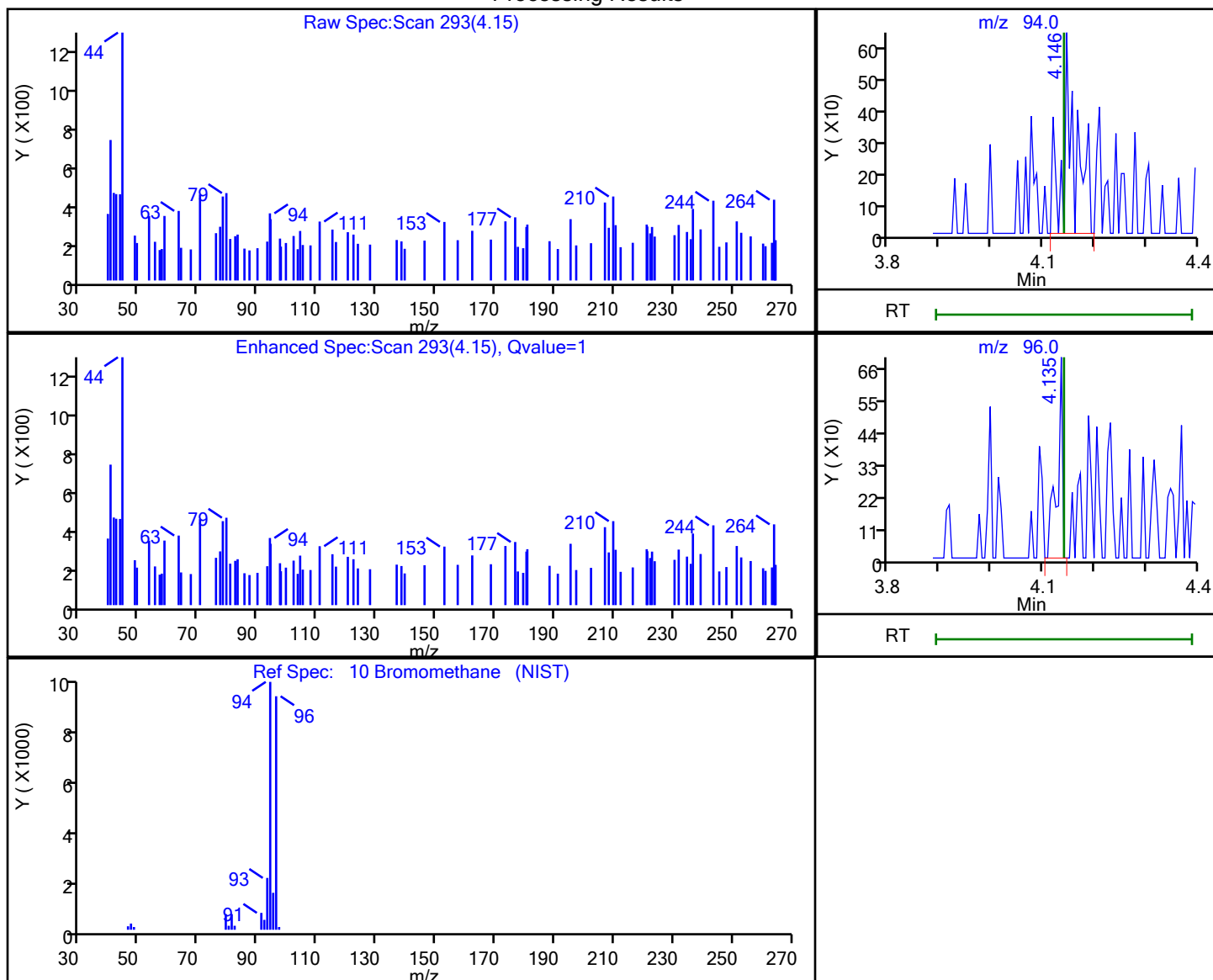
Limit Group: AI\_TO15\_ICAL

Column: RTX-624 ( 0.32 mm)

Detector: MS SCAN

## 10 Bromomethane, CAS: 74-83-9

## Processing Results



| RT   | Mass  | Response | Amount   |
|------|-------|----------|----------|
| 4.15 | 94.00 | 1093     | 0.049292 |
| 4.13 | 96.00 | 482      |          |

Reviewer: puangmaleek, 21-Dec-2020 15:20:26

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

## Eurofins TestAmerica, Burlington

Data File: \\chromfs\Burlington\ChromData\CHC.i\20201218-44136.b\44136-09.D

Injection Date: 18-Dec-2020 18:17:30

Instrument ID: CHC.i

Lims ID: 200-56451-A-7

Lab Sample ID: 200-56451-7

Client ID: SG-207

Operator ID: vtp

ALS Bottle#:

9

Worklist Smp#: 9

Purge Vol: 200.000 mL

Dil. Factor: 1.0000

Method: TO15\_MasterMethod\_(v1)\_CHC.i

Limit Group: AI\_TO15\_ICAL

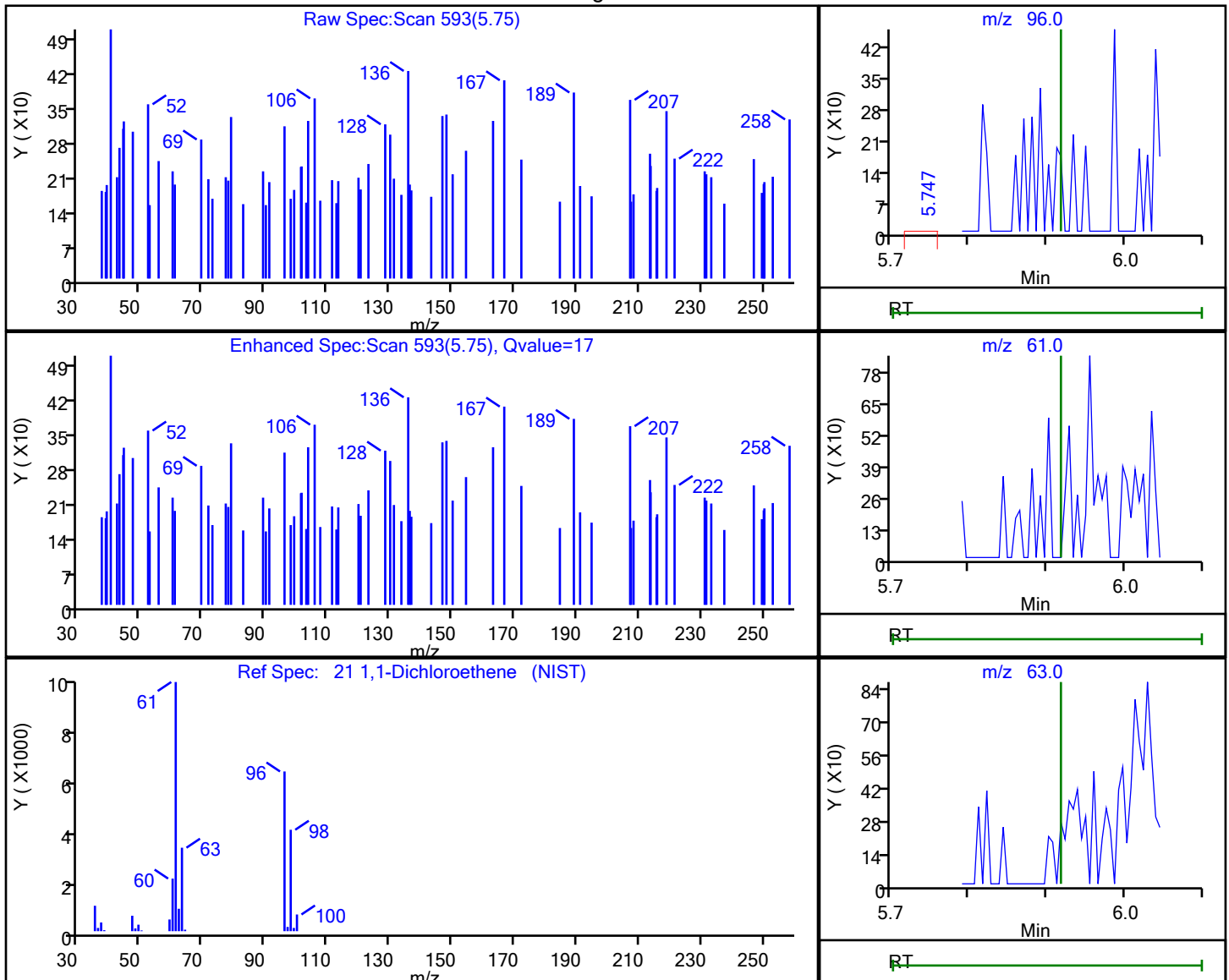
Column: RTX-624 ( 0.32 mm)

Detector

MS SCAN

## 21 1,1-Dichloroethene, CAS: 75-35-4

## Processing Results



| RT   | Mass  | Response | Amount   |
|------|-------|----------|----------|
| 5.75 | 96.00 | 266      | 0.010608 |
| 5.92 | 61.00 | 0        |          |
| 5.92 | 63.00 | 0        |          |

Reviewer: puangmaleek, 21-Dec-2020 15:20:32

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID



## Eurofins TestAmerica, Burlington

Data File: \\chromfs\Burlington\ChromData\CHC.i\20201218-44136.b\44136-09.D

Injection Date: 18-Dec-2020 18:17:30

Instrument ID: CHC.i

Lims ID: 200-56451-A-7

Lab Sample ID: 200-56451-7

Client ID: SG-207

Operator ID: vtp

ALS Bottle#:

9

Worklist Smp#: 9

Purge Vol: 200.000 mL

Dil. Factor:

1.0000

Method: TO15\_MasterMethod\_(v1)\_CHC.i

Limit Group:

AI\_TO15\_ICAL

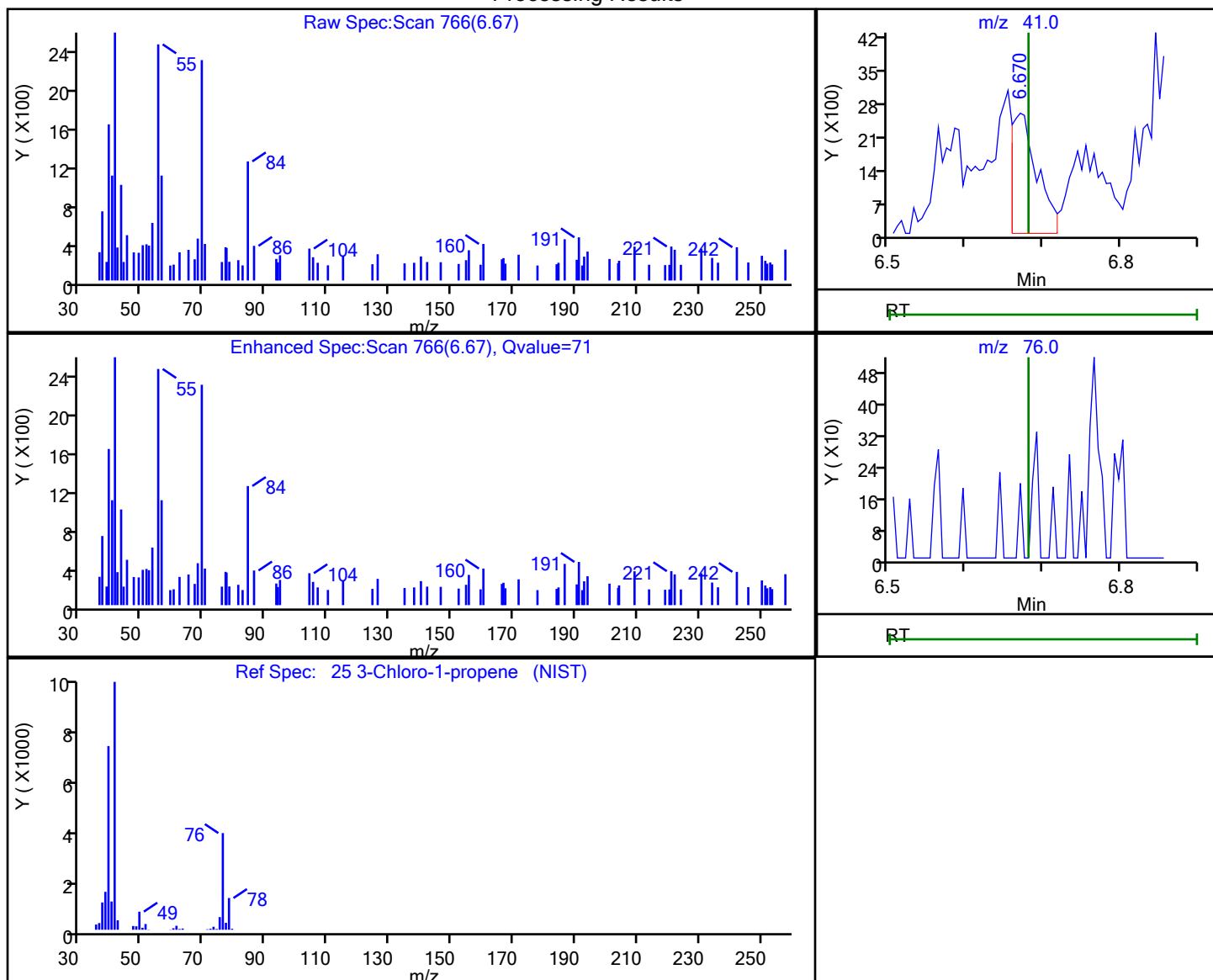
Column: RTX-624 ( 0.32 mm)

Detector

MS SCAN

## 25 3-Chloro-1-propene, CAS: 107-05-1

## Processing Results



| RT   | Mass  | Response | Amount   |
|------|-------|----------|----------|
| 6.67 | 41.00 | 5860     | 0.186830 |
| 6.68 | 76.00 | 0        |          |

Reviewer: puangmaleek, 21-Dec-2020 15:20:37

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

## Eurofins TestAmerica, Burlington

Data File: \\chromfs\Burlington\ChromData\CHC.i\20201218-44136.b\44136-09.D

Injection Date: 18-Dec-2020 18:17:30

Instrument ID: CHC.i

Lims ID: 200-56451-A-7

Lab Sample ID: 200-56451-7

Client ID: SG-207

Operator ID: vtp

ALS Bottle#:

9

Worklist Smp#: 9

Purge Vol: 200.000 mL

Dil. Factor: 1.0000

Method: TO15\_MasterMethod\_(v1)\_CHC.i

Limit Group: AI\_TO15\_ICAL

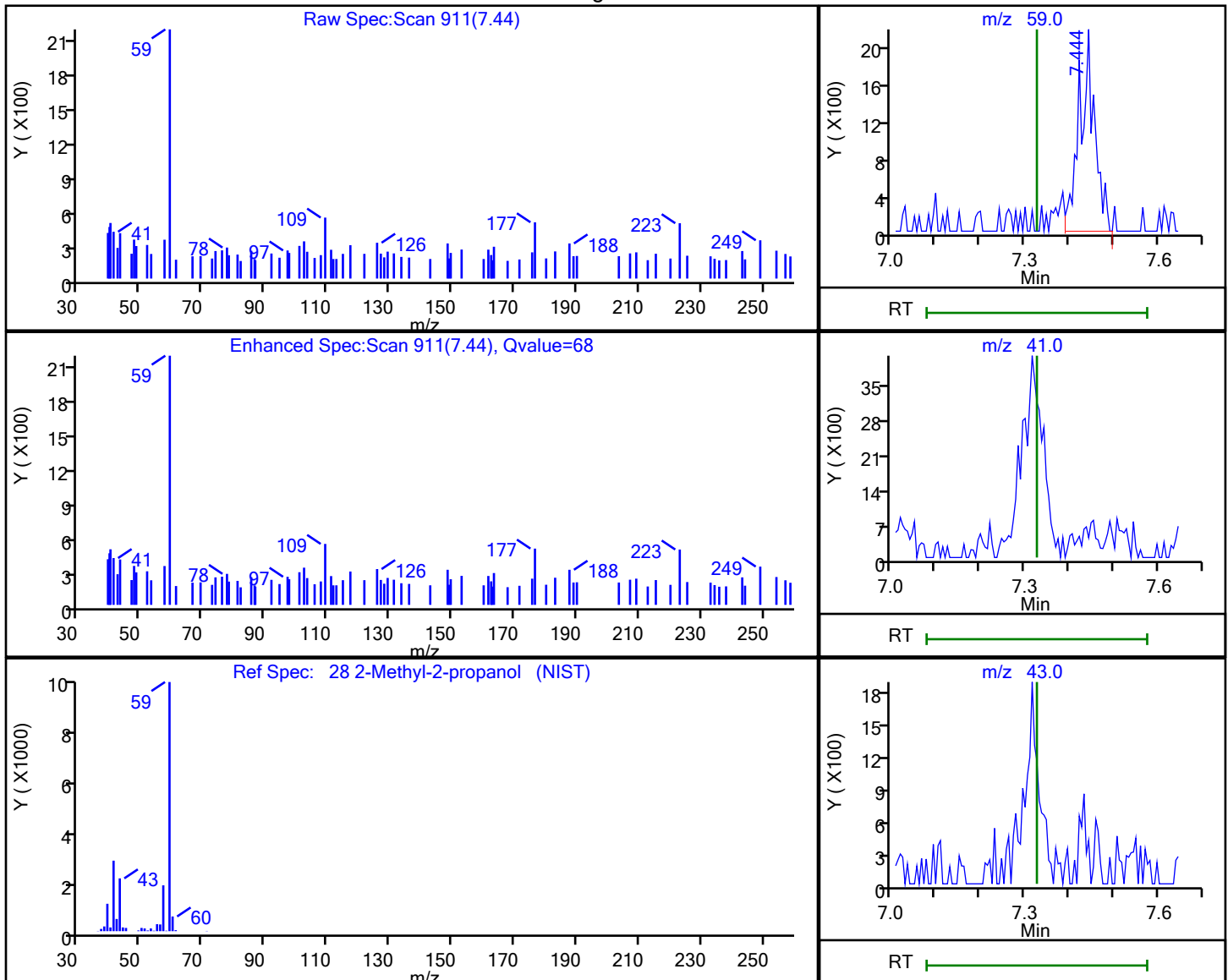
Column: RTX-624 ( 0.32 mm)

Detector

MS SCAN

## 28 2-Methyl-2-propanol, CAS: 75-65-0

## Processing Results



| RT   | Mass  | Response | Amount   |
|------|-------|----------|----------|
| 7.44 | 59.00 | 5044     | 0.104178 |
| 7.33 | 41.00 | 0        |          |
| 7.33 | 43.00 | 0        |          |

Reviewer: puangmaleek, 21-Dec-2020 15:20:40

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

## Eurofins TestAmerica, Burlington

Data File: \\chromfs\Burlington\ChromData\CHC.i\20201218-44136.b\44136-09.D

Injection Date: 18-Dec-2020 18:17:30

Instrument ID: CHC.i

Lims ID: 200-56451-A-7

Lab Sample ID: 200-56451-7

Client ID: SG-207

Operator ID: vtp

ALS Bottle#:

9

Worklist Smp#: 9

Purge Vol: 200.000 mL

Dil. Factor: 1.0000

Method: TO15\_MasterMethod\_(v1)\_CHC.i

Limit Group: AI\_TO15\_ICAL

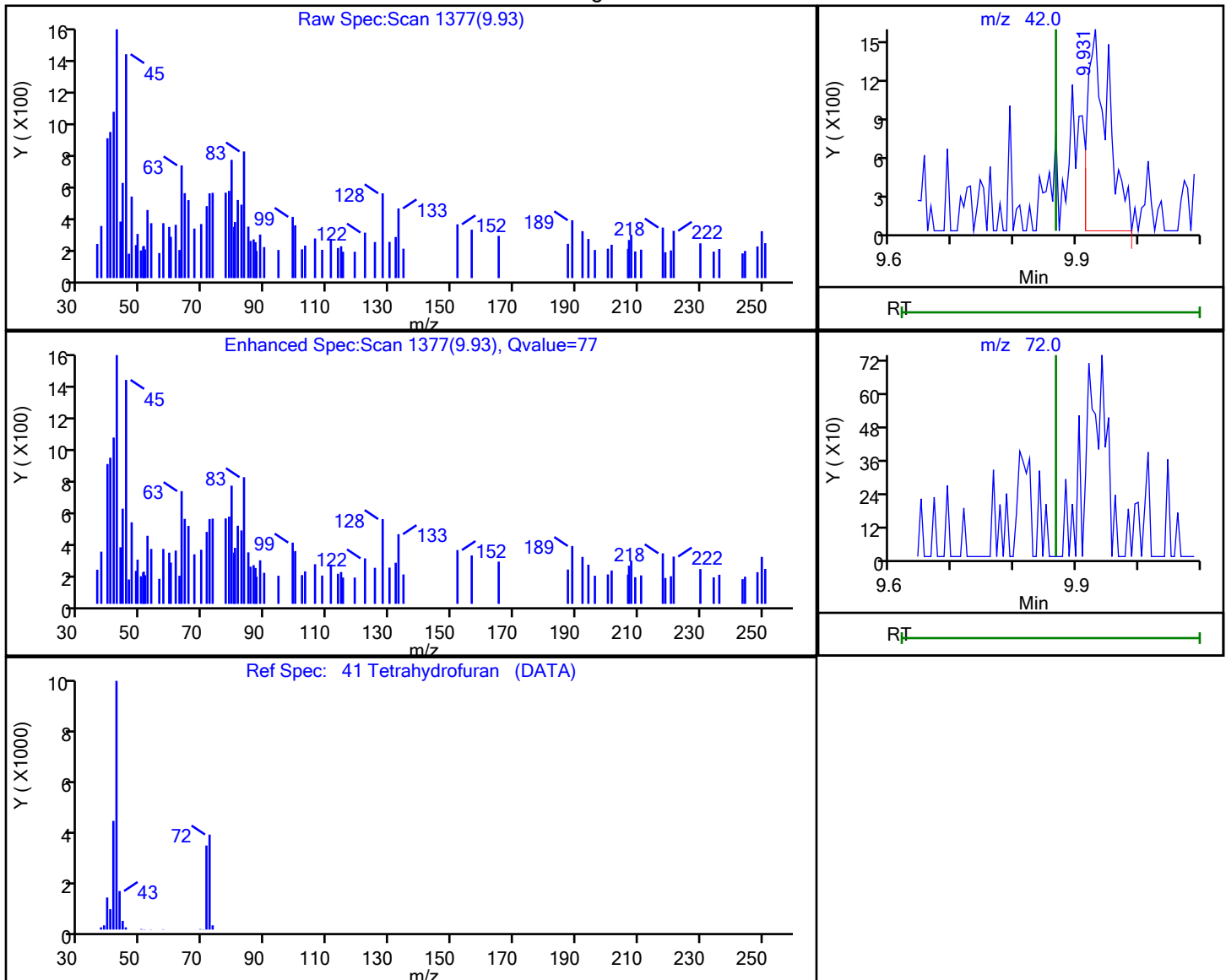
Column: RTX-624 ( 0.32 mm)

Detector

MS SCAN

## 41 Tetrahydrofuran, CAS: 109-99-9

## Processing Results



| RT   | Mass  | Response | Amount   |
|------|-------|----------|----------|
| 9.93 | 42.00 | 3569     | 0.122157 |
| 9.87 | 72.00 | 0        |          |

Reviewer: puangmaleek, 21-Dec-2020 15:20:46

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

## Eurofins TestAmerica, Burlington

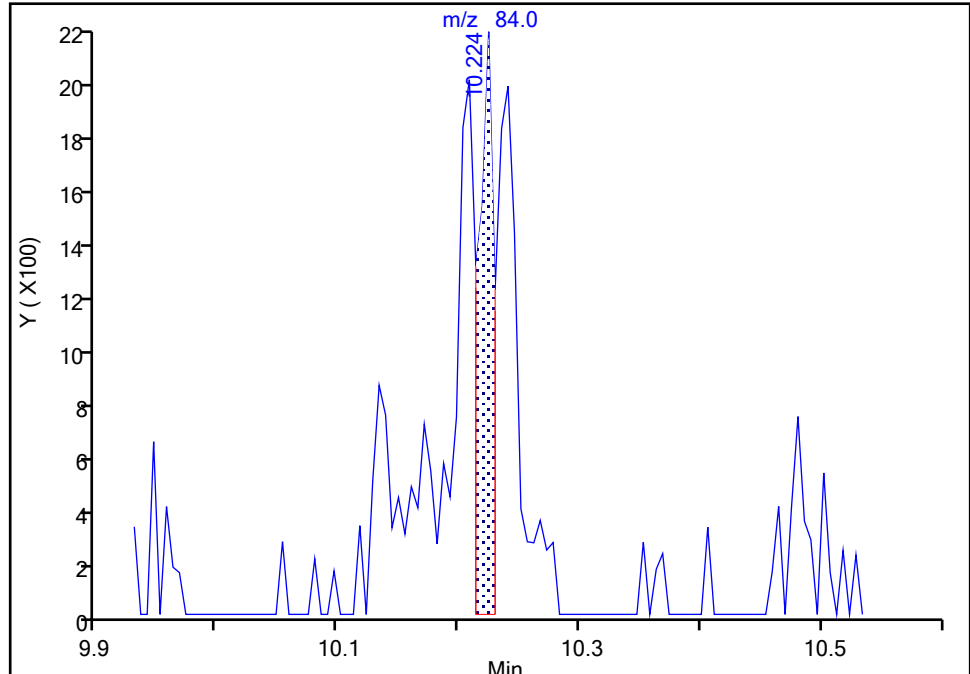
Data File: \\chromfs\Burlington\ChromData\CHC.i\20201218-44136.b\44136-09.D  
Injection Date: 18-Dec-2020 18:17:30 Instrument ID: CHC.i  
Lims ID: 200-56451-A-7 Lab Sample ID: 200-56451-7  
Client ID: SG-207  
Operator ID: vtp ALS Bottle#: 9 Worklist Smp#: 9  
Purge Vol: 200.000 mL Dil. Factor: 1.0000  
Method: TO15\_MasterMethod\_(v1)\_CHC.i Limit Group: AI\_TO15\_ICAL  
Column: RTX-624 ( 0.32 mm) Detector: MS SCAN

**43 Cyclohexane, CAS: 110-82-7**

Signal: 1

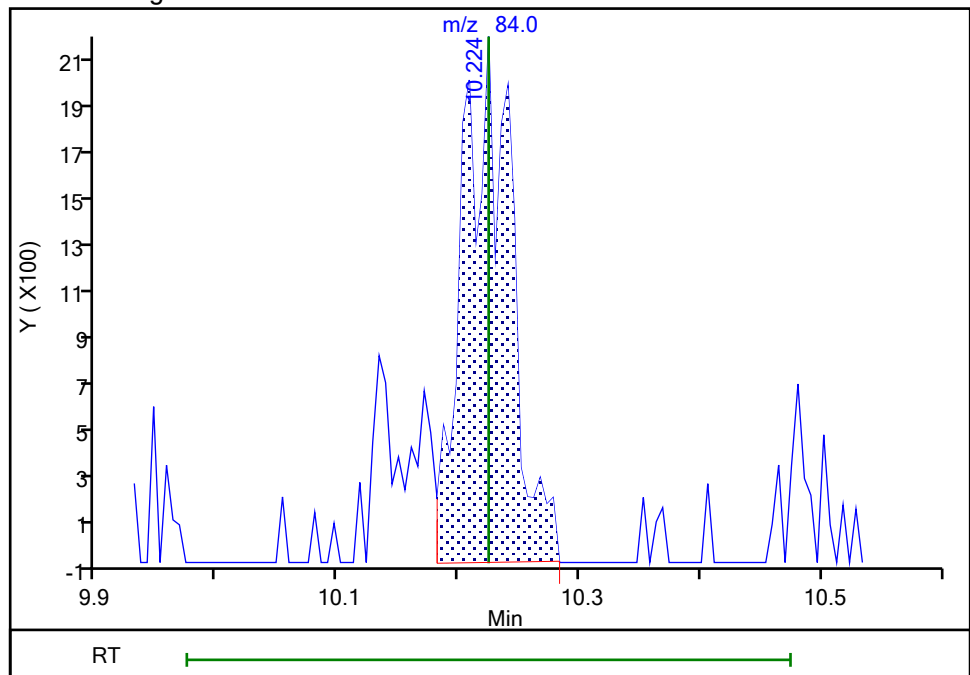
RT: 10.22  
Area: 1928  
Amount: 0.043668  
Amount Units: ppb v/v

## Processing Integration Results



RT: 10.22  
Area: 5902  
Amount: 0.133675  
Amount Units: ppb v/v

## Manual Integration Results



Reviewer: puangmaleek, 21-Dec-2020 15:21:03

Audit Action: Manually Integrated

Audit Reason: Assign Peak

## Eurofins TestAmerica, Burlington

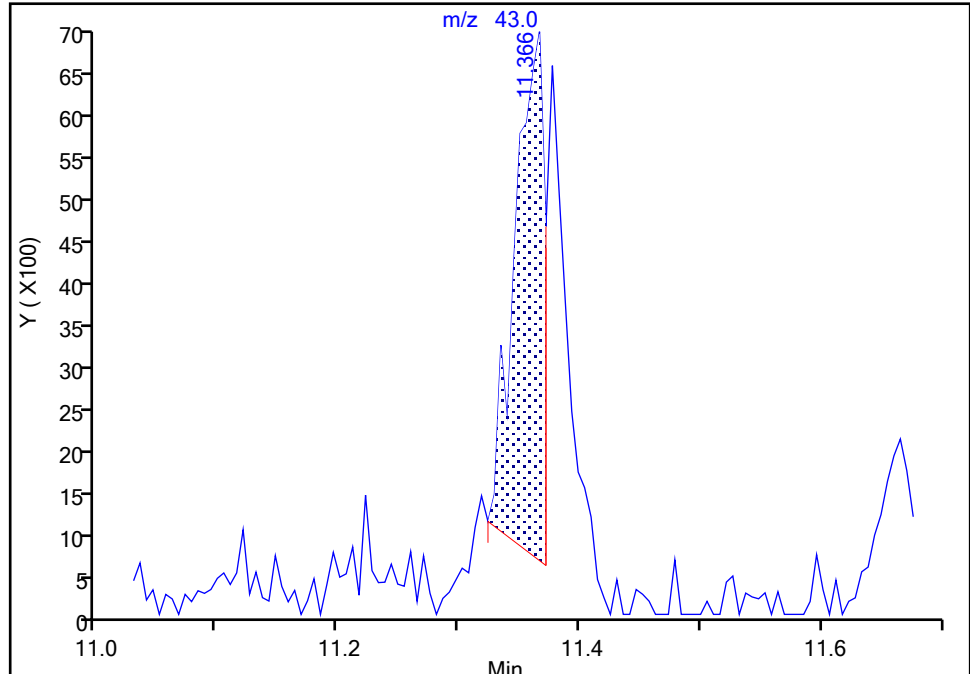
Data File: \\chromfs\Burlington\ChromData\CHC.i\20201218-44136.b\44136-09.D  
Injection Date: 18-Dec-2020 18:17:30 Instrument ID: CHC.i  
Lims ID: 200-56451-A-7 Lab Sample ID: 200-56451-7  
Client ID: SG-207  
Operator ID: vtp ALS Bottle#: 9 Worklist Smp#: 9  
Purge Vol: 200.000 mL Dil. Factor: 1.0000  
Method: TO15\_MasterMethod\_(v1)\_CHC.i Limit Group: AI\_TO15\_ICAL  
Column: RTX-624 ( 0.32 mm) Detector: MS SCAN

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

Signal: 1

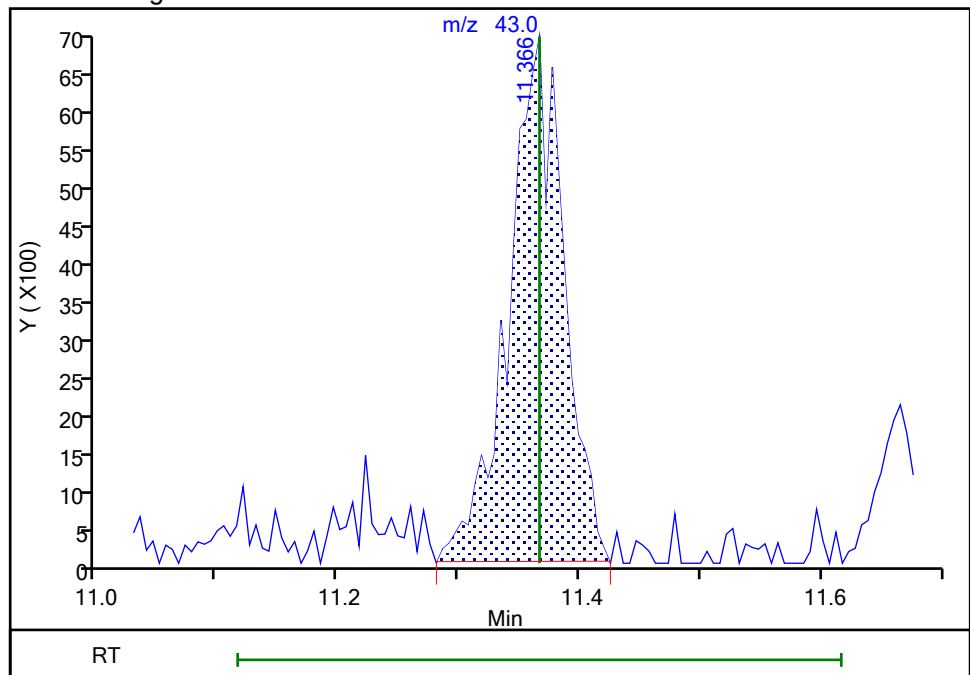
RT: 11.37  
Area: 10707  
Amount: 0.165685  
Amount Units: ppb v/v

## Processing Integration Results



RT: 11.37  
Area: 21894  
Amount: 0.338798  
Amount Units: ppb v/v

## Manual Integration Results



Reviewer: puangmaleek, 21-Dec-2020 15:21:16

Audit Action: Manually Integrated

Audit Reason: Assign Peak

## Eurofins TestAmerica, Burlington

Data File: \\chromfs\Burlington\ChromData\CHC.i\20201218-44136.b\44136-09.D

Injection Date: 18-Dec-2020 18:17:30

Instrument ID: CHC.i

Lims ID: 200-56451-A-7

Lab Sample ID: 200-56451-7

Client ID: SG-207

Operator ID: vtp

ALS Bottle#:

9

Worklist Smp#: 9

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)

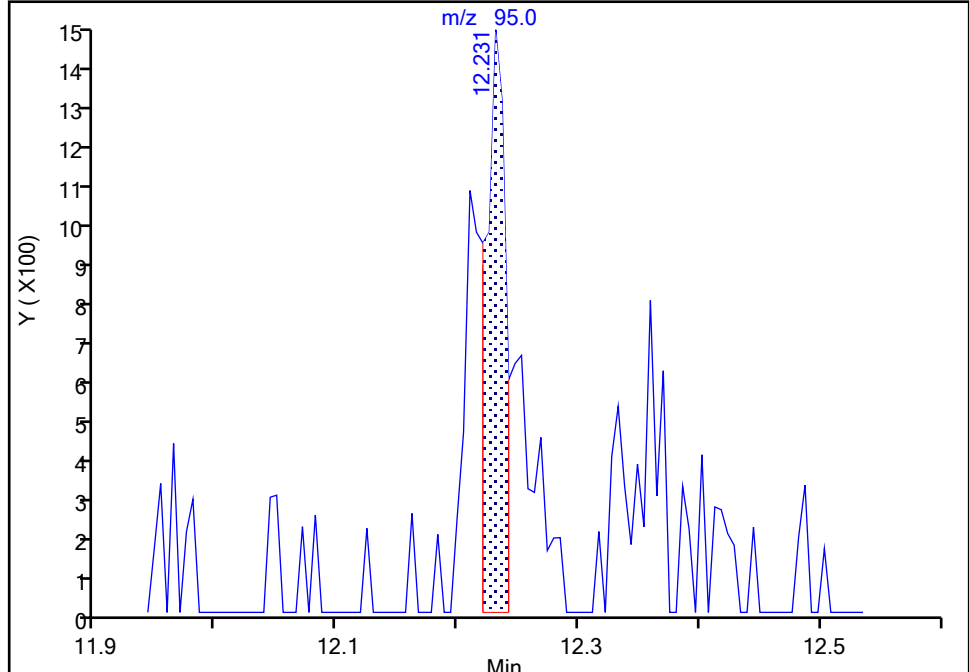
Detector: MS SCAN

**53 Trichloroethene, CAS: 79-01-6**

Signal: 1

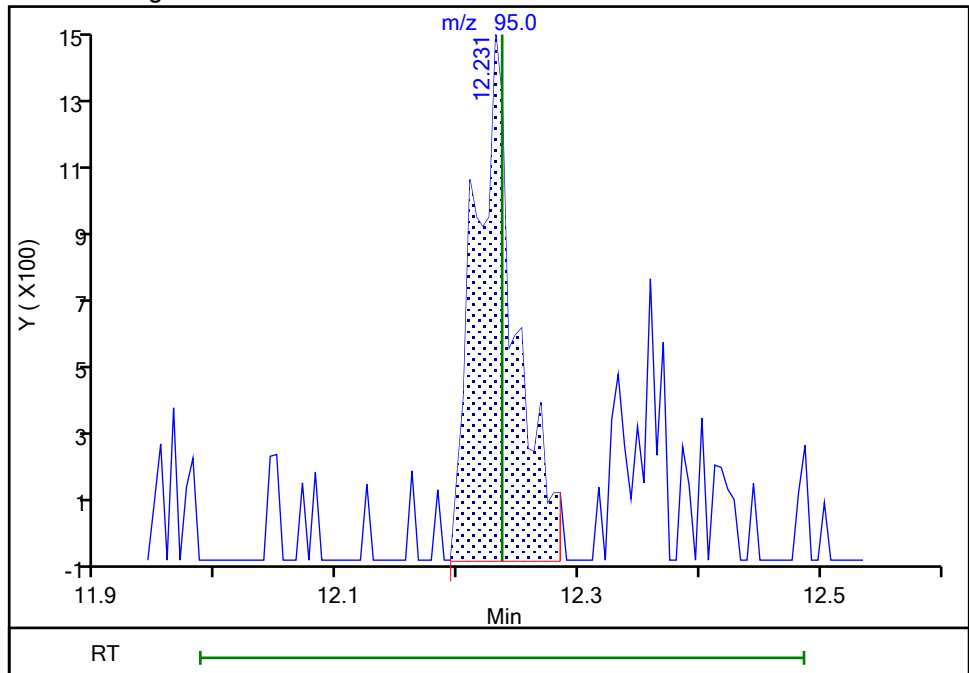
RT: 12.23  
Area: 1645  
Amount: 0.027365  
Amount Units: ppb v/v

## Processing Integration Results



RT: 12.23  
Area: 3415  
Amount: 0.056809  
Amount Units: ppb v/v

## Manual Integration Results



Reviewer: puangmaleek, 21-Dec-2020 15:21:23

Audit Action: Manually Integrated

Audit Reason: Assign Peak

## Eurofins TestAmerica, Burlington

Data File: \\chromfs\Burlington\ChromData\CHC.i\20201218-44136.b\44136-09.D

Injection Date: 18-Dec-2020 18:17:30

Instrument ID: CHC.i

Lims ID: 200-56451-A-7

Lab Sample ID: 200-56451-7

Client ID: SG-207

Operator ID: vtp

ALS Bottle#:

9

Worklist Smp#: 9

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)

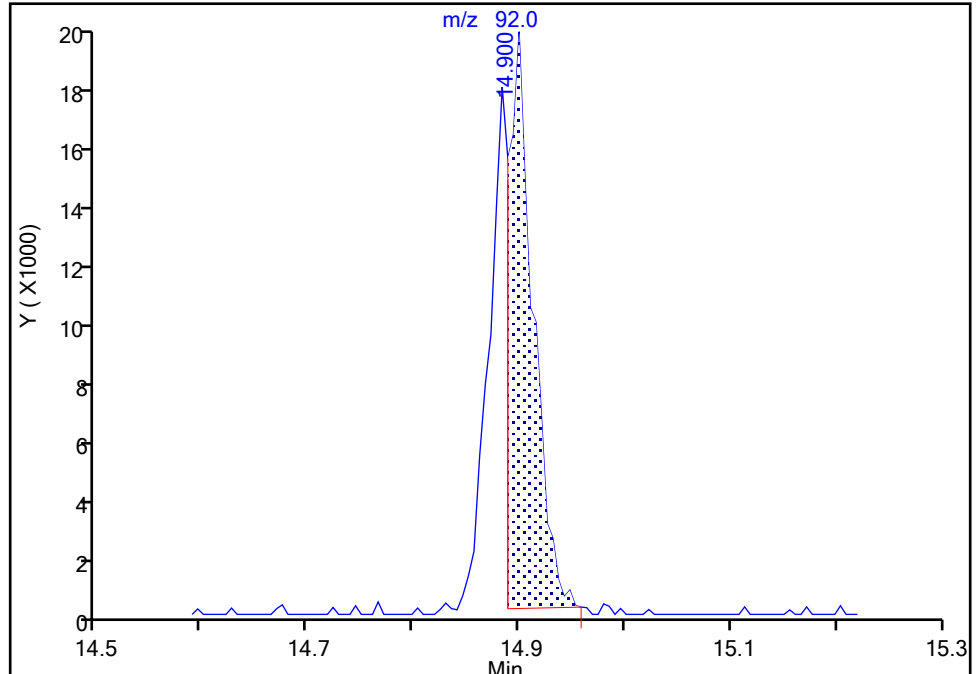
Detector: MS SCAN

**65 Toluene, CAS: 108-88-3**

Signal: 1

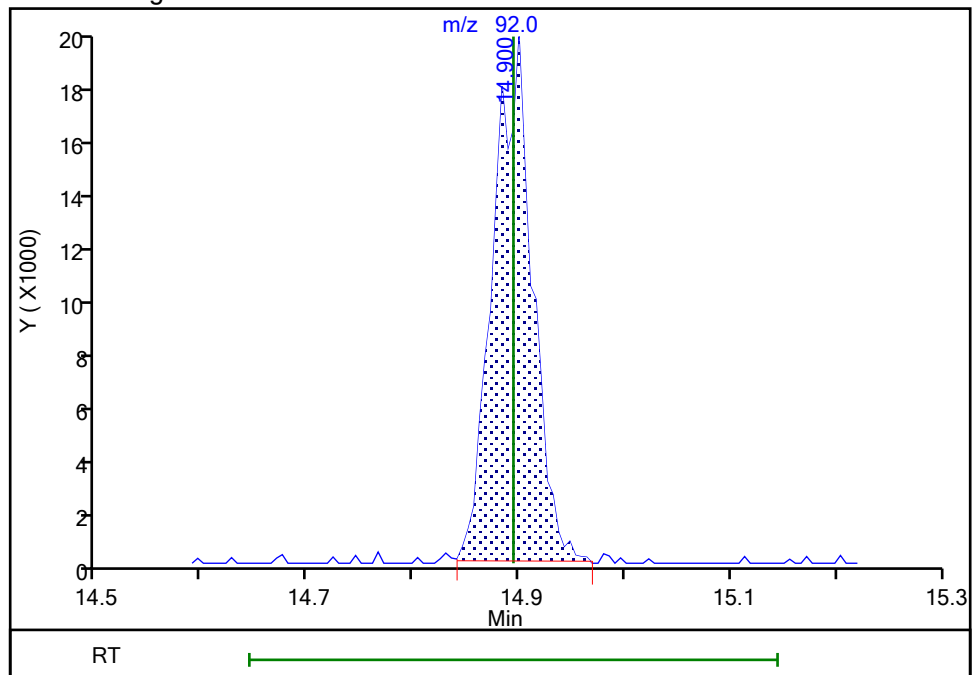
RT: 14.90  
Area: 31952  
Amount: 0.296985  
Amount Units: ppb v/v

## Processing Integration Results



RT: 14.90  
Area: 51261  
Amount: 0.476457  
Amount Units: ppb v/v

## Manual Integration Results



Reviewer: puangmaleek, 21-Dec-2020 15:21:35

Audit Action: Manually Integrated

Audit Reason: Assign Peak

## Eurofins TestAmerica, Burlington

Data File: \\chromfs\Burlington\ChromData\CHC.i\20201218-44136.b\44136-09.D

Injection Date: 18-Dec-2020 18:17:30

Instrument ID: CHC.i

Lims ID: 200-56451-A-7

Lab Sample ID: 200-56451-7

Client ID: SG-207

Operator ID: vtp

ALS Bottle#:

9

Worklist Smp#: 9

Purge Vol: 200.000 mL

Dil. Factor: 1.0000

Method: TO15\_MasterMethod\_(v1)\_CHC.i

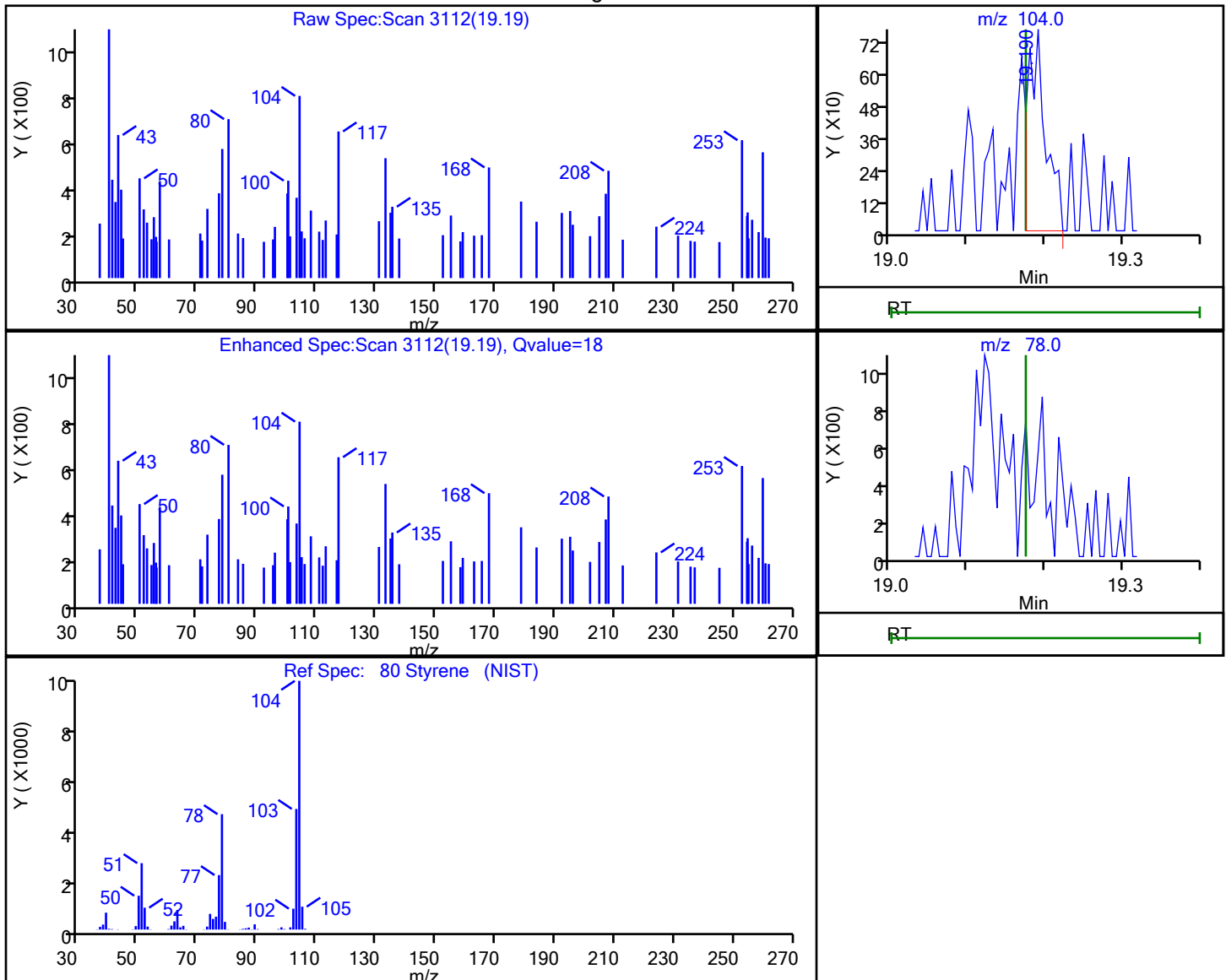
Limit Group: AI\_TO15\_ICAL

Column: RTX-624 ( 0.32 mm)

Detector: MS SCAN

## 80 Styrene, CAS: 100-42-5

## Processing Results



| RT    | Mass   | Response | Amount   |
|-------|--------|----------|----------|
| 19.19 | 104.00 | 1232     | 0.008116 |
| 19.17 | 78.00  | 0        |          |

Reviewer: puangmaleek, 21-Dec-2020 15:21:51

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID



## Eurofins TestAmerica, Burlington

Data File: \\chromfs\Burlington\ChromData\CHC.i\20201218-44136.b\44136-09.D

Injection Date: 18-Dec-2020 18:17:30

Instrument ID: CHC.i

Lims ID: 200-56451-A-7

Lab Sample ID: 200-56451-7

Client ID: SG-207

Operator ID: vtp

ALS Bottle#:

9

Worklist Smp#: 9

Purge Vol: 200.000 mL

Dil. Factor: 1.0000

Method: TO15\_MasterMethod\_(v1)\_CHC.i

Limit Group:

AI\_TO15\_ICAL

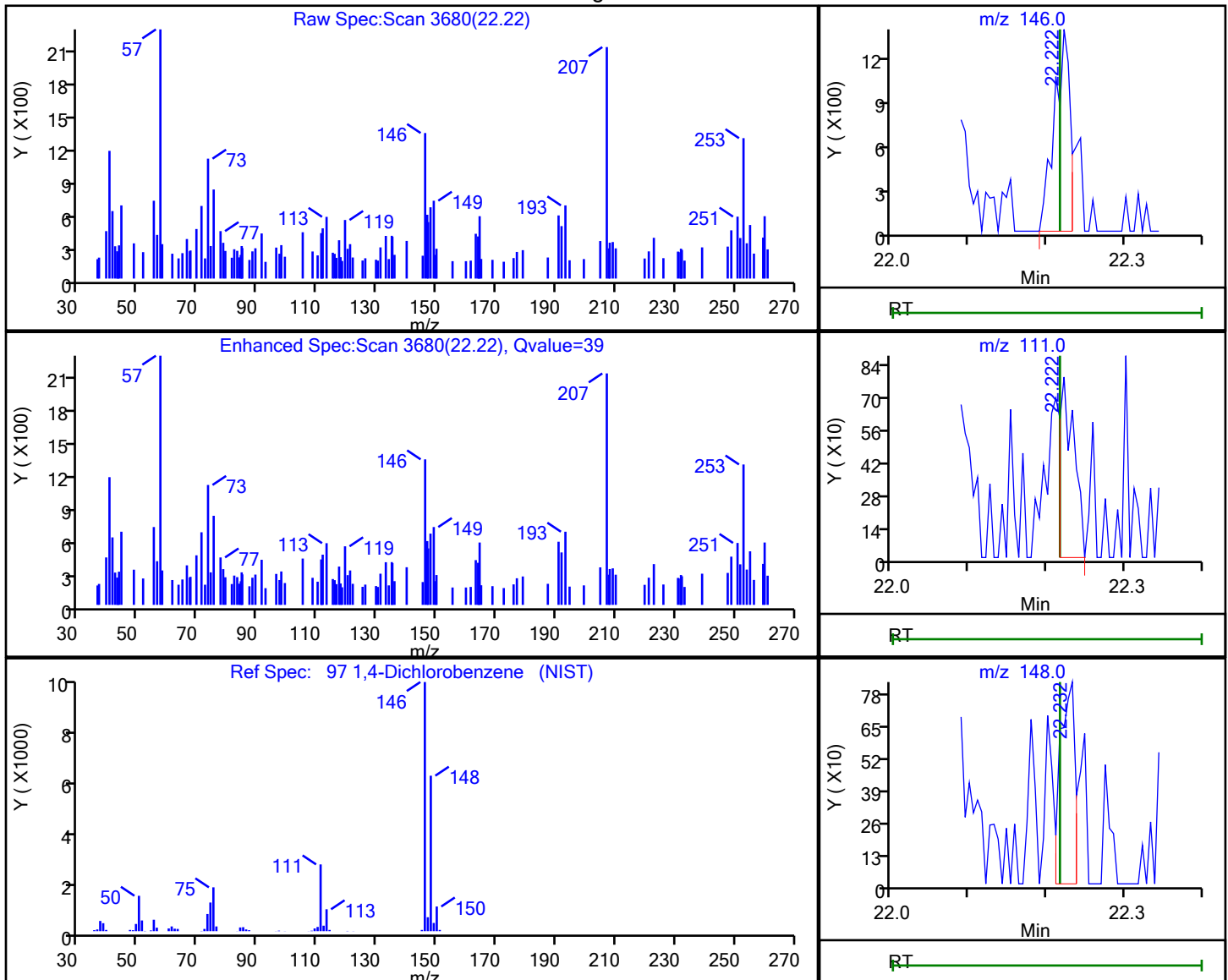
Column: RTX-624 ( 0.32 mm)

Detector

MS SCAN

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

## Processing Results



| RT    | Mass   | Response | Amount   |
|-------|--------|----------|----------|
| 22.22 | 146.00 | 1845     | 0.009751 |
| 22.22 | 111.00 | 1016     |          |
| 22.23 | 148.00 | 1096     |          |

Reviewer: puangmaleek, 21-Dec-2020 15:22:06

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

## Eurofins TestAmerica, Burlington

Data File: \\chromfs\Burlington\ChromData\CHC.i\20201218-44136.b\44136-09.D

Injection Date: 18-Dec-2020 18:17:30

Instrument ID: CHC.i

Lims ID: 200-56451-A-7

Lab Sample ID: 200-56451-7

Client ID: SG-207

Operator ID: vtp

ALS Bottle#:

9

Worklist Smp#: 9

Purge Vol: 200.000 mL

Dil. Factor: 1.0000

Method: TO15\_MasterMethod\_(v1)\_CHC.i

Limit Group: AI\_TO15\_ICAL

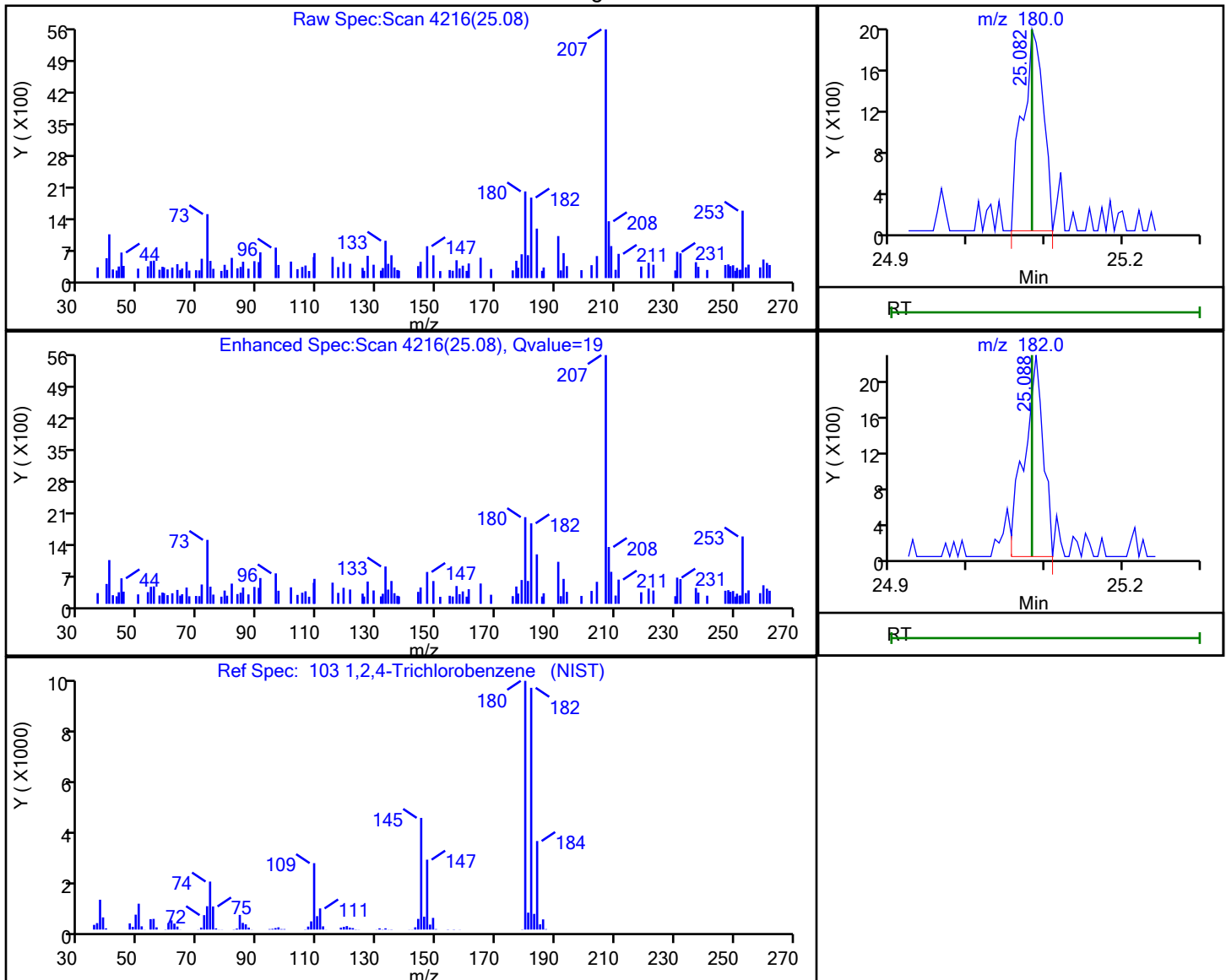
Column: RTX-624 ( 0.32 mm)

Detector

MS SCAN

## 103 1,2,4-Trichlorobenzene, CAS: 120-82-1

## Processing Results



| RT    | Mass   | Response | Amount   |
|-------|--------|----------|----------|
| 25.08 | 180.00 | 3623     | 0.021951 |
| 25.09 | 182.00 | 3844     |          |

Reviewer: puangmaleek, 21-Dec-2020 15:22:11

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

## Eurofins TestAmerica, Burlington

Data File: \\chromfs\Burlington\ChromData\CHC.i\20201218-44136.b\44136-09.D

Injection Date: 18-Dec-2020 18:17:30

Instrument ID: CHC.i

Lims ID: 200-56451-A-7

Lab Sample ID: 200-56451-7

Client ID: SG-207

Operator ID: vtp

ALS Bottle#:

9

Worklist Smp#: 9

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)

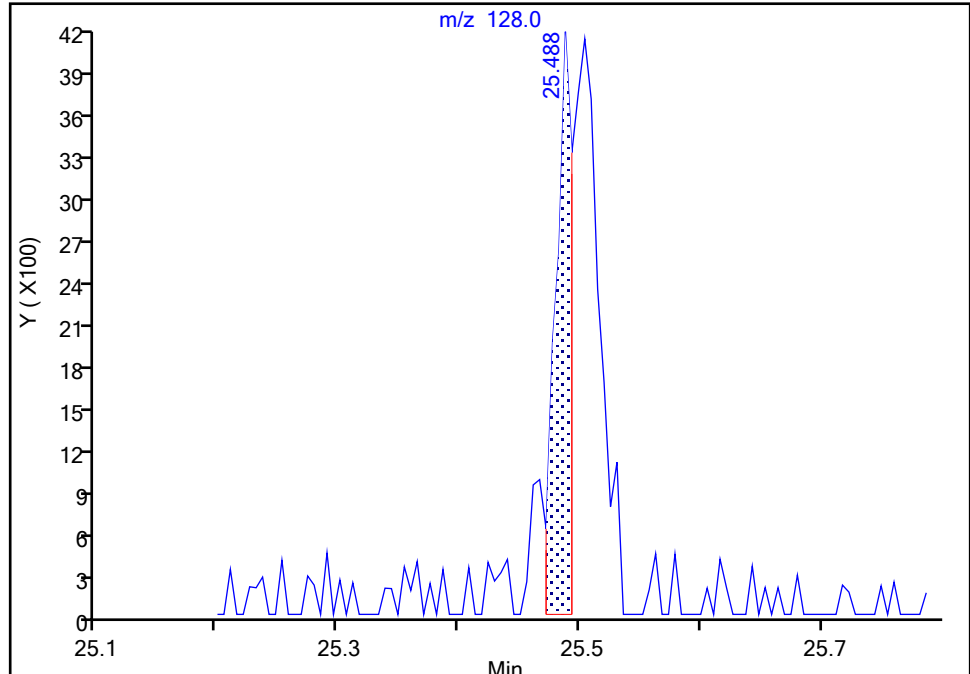
Detector: MS SCAN

**105 Naphthalene, CAS: 91-20-3**

Signal: 1

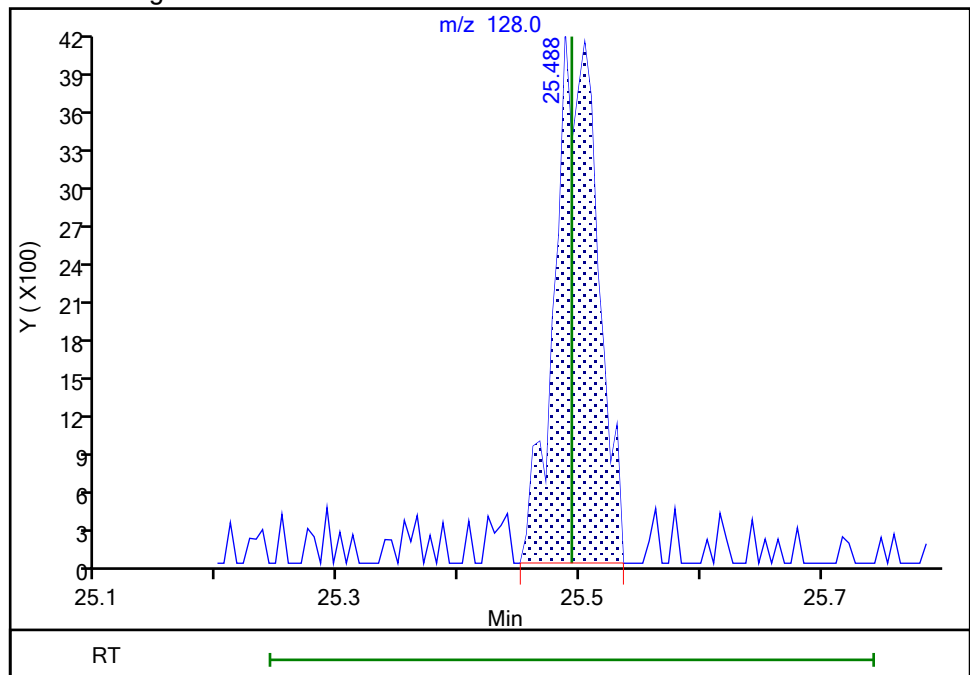
RT: 25.49  
Area: 4040  
Amount: 0.012719  
Amount Units: ppb v/v

## Processing Integration Results



RT: 25.49  
Area: 10260  
Amount: 0.032301  
Amount Units: ppb v/v

## Manual Integration Results



Reviewer: puangmaleek, 21-Dec-2020 15:20:04

Audit Action: Manually Integrated

Audit Reason: Assign Peak

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

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-56451-1  
 SDG No.: 200-56451-1  
 Client Sample ID: TRIP BLANK Lab Sample ID: 200-56451-8  
 Matrix: Air Lab File ID: 44136-10.D  
 Analysis Method: TO-15 Date Collected: 12/09/2020 00:00  
 Sample wt/vol: 200 (mL) Date Analyzed: 12/18/2020 19:12  
 Soil Aliquot Vol: \_\_\_\_\_ Dilution Factor: 1  
 Soil Extract Vol.: \_\_\_\_\_ GC Column: RTX-624 ID: 0.32 (mm)  
 % Moisture: \_\_\_\_\_ Level: (low/med) Low  
 Analysis Batch No.: 162248 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  | 0.42 |
| 76-14-2   | 1,2-Dichlorotetrafluoroethane    | 170.92           | 1.4    | U | 1.4  | 0.24 |
| 74-87-3   | Chloromethane                    | 50.49            | 1.0    | U | 1.0  | 0.23 |
| 106-97-8  | n-Butane                         | 58.12            | 1.2    | U | 1.2  | 0.26 |
| 75-01-4   | Vinyl chloride                   | 62.50            | 0.20   | U | 0.20 | 0.11 |
| 106-99-0  | 1,3-Butadiene                    | 54.09            | 0.44   | U | 0.44 | 0.13 |
| 74-83-9   | Bromomethane                     | 94.94            | 0.78   | U | 0.78 | 0.20 |
| 75-00-3   | Chloroethane                     | 64.52            | 1.3    | U | 1.3  | 0.14 |
| 593-60-2  | Bromoethene (Vinyl Bromide)      | 106.96           | 0.87   | U | 0.87 | 0.23 |
| 75-69-4   | Trichlorofluoromethane           | 137.37           | 1.1    | U | 1.1  | 0.34 |
| 76-13-1   | 1,1,2-Trichlorotrifluoroethane   | 187.38           | 1.5    | U | 1.5  | 0.29 |
| 75-35-4   | 1,1-Dichloroethene               | 96.94            | 0.20   | U | 0.20 | 0.15 |
| 67-64-1   | Acetone                          | 58.08            | 12     | U | 12   | 2.9  |
| 67-63-0   | Isopropyl alcohol                | 60.10            | 12     | U | 12   | 1.2  |
| 75-15-0   | Carbon disulfide                 | 76.14            | 1.6    | U | 1.6  | 0.23 |
| 107-05-1  | 3-Chloropropene                  | 76.53            | 1.6    | U | 1.6  | 0.20 |
| 75-09-2   | Methylene Chloride               | 84.93            | 1.7    | U | 1.7  | 0.94 |
| 75-65-0   | tert-Butyl alcohol               | 74.12            | 15     | U | 15   | 0.12 |
| 1634-04-4 | Methyl tert-butyl ether          | 88.15            | 0.72   | U | 0.72 | 0.12 |
| 156-60-5  | trans-1,2-Dichloroethene         | 96.94            | 0.79   | U | 0.79 | 0.17 |
| 110-54-3  | n-Hexane                         | 86.17            | 0.70   | U | 0.70 | 0.70 |
| 75-34-3   | 1,1-Dichloroethane               | 98.96            | 0.81   | U | 0.81 | 0.17 |
| 78-93-3   | Methyl Ethyl Ketone (2-Butanone) | 72.11            | 1.5    | U | 1.5  | 0.21 |
| 156-59-2  | cis-1,2-Dichloroethene           | 96.94            | 0.20   | U | 0.20 | 0.18 |
| 67-66-3   | Chloroform                       | 119.38           | 0.98   | U | 0.98 | 0.16 |
| 109-99-9  | Tetrahydrofuran                  | 72.11            | 15     | U | 15   | 0.19 |
| 71-55-6   | 1,1,1-Trichloroethane            | 133.41           | 1.1    | U | 1.1  | 0.20 |
| 110-82-7  | Cyclohexane                      | 84.16            | 0.69   | U | 0.69 | 0.16 |
| 56-23-5   | Carbon tetrachloride             | 153.81           | 0.22   | U | 0.22 | 0.15 |
| 540-84-1  | 2,2,4-Trimethylpentane           | 114.23           | 0.93   | U | 0.93 | 0.19 |
| 71-43-2   | Benzene                          | 78.11            | 0.64   | U | 0.64 | 0.21 |
| 107-06-2  | 1,2-Dichloroethane               | 98.96            | 0.81   | U | 0.81 | 0.13 |

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

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-56451-1  
 SDG No.: 200-56451-1  
 Client Sample ID: TRIP BLANK Lab Sample ID: 200-56451-8  
 Matrix: Air Lab File ID: 44136-10.D  
 Analysis Method: TO-15 Date Collected: 12/09/2020 00:00  
 Sample wt/vol: 200 (mL) Date Analyzed: 12/18/2020 19:12  
 Soil Aliquot Vol: \_\_\_\_\_ Dilution Factor: 1  
 Soil Extract Vol.: \_\_\_\_\_ GC Column: RTX-624 ID: 0.32 (mm)  
 % Moisture: \_\_\_\_\_ Level: (low/med) Low  
 Analysis Batch No.: 162248 Units: ug/m3

| CAS NO.     | COMPOUND NAME                                    | MOLECULAR WEIGHT | RESULT | Q | RL   | MDL  |
|-------------|--------------------------------------------------|------------------|--------|---|------|------|
| 142-82-5    | n-Heptane                                        | 100.21           | 0.82   | U | 0.82 | 0.23 |
| 79-01-6     | Trichloroethene                                  | 131.39           | 0.20   | U | 0.20 | 0.19 |
| 80-62-6     | Methyl methacrylate                              | 100.12           | 2.0    | U | 2.0  | 0.14 |
| 78-87-5     | 1,2-Dichloropropane                              | 112.99           | 0.92   | U | 0.92 | 0.15 |
| 123-91-1    | 1,4-Dioxane                                      | 88.11            | 18     | U | 18   | 0.30 |
| 75-27-4     | Bromodichloromethane                             | 163.83           | 1.3    | U | 1.3  | 0.23 |
| 10061-01-5  | cis-1,3-Dichloropropene                          | 110.97           | 0.91   | U | 0.91 | 0.15 |
| 108-10-1    | 4-Methyl-2-pentanone<br>(Methyl isobutyl ketone) | 100.16           | 2.0    | U | 2.0  | 0.15 |
| 108-88-3    | Toluene                                          | 92.14            | 0.75   | U | 0.75 | 0.41 |
| 10061-02-6  | trans-1,3-Dichloropropene                        | 110.97           | 0.91   | U | 0.91 | 0.18 |
| 79-00-5     | 1,1,2-Trichloroethane                            | 133.41           | 1.1    | U | 1.1  | 0.20 |
| 127-18-4    | Tetrachloroethene                                | 165.83           | 1.4    | U | 1.4  | 0.22 |
| 591-78-6    | Methyl Butyl Ketone<br>(2-Hexanone)              | 100.20           | 2.0    | U | 2.0  | 0.20 |
| 124-48-1    | Dibromochloromethane                             | 208.28           | 1.7    | U | 1.7  | 0.31 |
| 106-93-4    | 1,2-Dibromoethane                                | 187.87           | 1.5    | U | 1.5  | 0.38 |
| 108-90-7    | Chlorobenzene                                    | 112.56           | 0.92   | U | 0.92 | 0.26 |
| 100-41-4    | Ethylbenzene                                     | 106.17           | 0.87   | U | 0.87 | 0.27 |
| 179601-23-1 | m,p-Xylene                                       | 106.17           | 2.2    | U | 2.2  | 0.43 |
| 95-47-6     | o-Xylene                                         | 106.17           | 0.87   | U | 0.87 | 0.21 |
| 100-42-5    | Styrene                                          | 104.15           | 0.85   | U | 0.85 | 0.17 |
| 75-25-2     | Bromoform                                        | 252.75           | 2.1    | U | 2.1  | 0.50 |
| 98-82-8     | Cumene                                           | 120.19           | 0.98   | U | 0.98 | 0.17 |
| 79-34-5     | 1,1,2,2-Tetrachloroethane                        | 167.85           | 1.4    | U | 1.4  | 0.29 |
| 103-65-1    | n-Propylbenzene                                  | 120.19           | 0.98   | U | 0.98 | 0.19 |
| 622-96-8    | 4-Ethyltoluene                                   | 120.20           | 0.98   | U | 0.98 | 0.20 |
| 108-67-8    | 1,3,5-Trimethylbenzene                           | 120.20           | 0.98   | U | 0.98 | 0.19 |
| 95-49-8     | 2-Chlorotoluene                                  | 126.59           | 1.0    | U | 1.0  | 0.22 |
| 98-06-6     | tert-Butylbenzene                                | 134.22           | 1.1    | U | 1.1  | 0.19 |
| 95-63-6     | 1,2,4-Trimethylbenzene                           | 120.20           | 0.98   | U | 0.98 | 0.22 |
| 135-98-8    | sec-Butylbenzene                                 | 134.22           | 1.1    | U | 1.1  | 0.19 |
| 99-87-6     | 4-Isopropyltoluene                               | 134.22           | 1.1    | U | 1.1  | 0.21 |
| 541-73-1    | 1,3-Dichlorobenzene                              | 147.00           | 1.2    | U | 1.2  | 0.66 |
| 106-46-7    | 1,4-Dichlorobenzene                              | 147.00           | 1.2    | U | 1.2  | 0.72 |

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

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-56451-1  
SDG No.: 200-56451-1  
Client Sample ID: TRIP BLANK Lab Sample ID: 200-56451-8  
Matrix: Air Lab File ID: 44136-10.D  
Analysis Method: TO-15 Date Collected: 12/09/2020 00:00  
Sample wt/vol: 200 (mL) Date Analyzed: 12/18/2020 19:12  
Soil Aliquot Vol:                      Dilution Factor: 1  
Soil Extract Vol.:                      GC Column: RTX-624 ID: 0.32 (mm)  
% Moisture:                      Level: (low/med) Low  
Analysis Batch No.: 162248 Units: ug/m3

| CAS NO.  | COMPOUND NAME          | MOLECULAR WEIGHT | RESULT | Q | RL  | MDL  |
|----------|------------------------|------------------|--------|---|-----|------|
| 100-44-7 | Benzyl chloride        | 126.58           | 1.0    | U | 1.0 | 0.44 |
| 104-51-8 | n-Butylbenzene         | 134.22           | 1.1    | U | 1.1 | 0.21 |
| 95-50-1  | 1,2-Dichlorobenzene    | 147.00           | 1.2    | U | 1.2 | 0.58 |
| 120-82-1 | 1,2,4-Trichlorobenzene | 181.45           | 3.7    | U | 3.7 | 1.6  |
| 87-68-3  | Hexachlorobutadiene    | 260.76           | 2.1    | U | 2.1 | 0.81 |
| 91-20-3  | Naphthalene            | 128.17           | 2.6    | U | 2.6 | 0.89 |

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

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-56451-1

SDG No.: 200-56451-1

Client Sample ID: TRIP BLANK Lab Sample ID: 200-56451-8

Matrix: Air Lab File ID: 44136-10.D

Analysis Method: TO-15 Date Collected: 12/09/2020 00:00

Sample wt/vol: 200 (mL) Date Analyzed: 12/18/2020 19:12

Soil Aliquot Vol: \_\_\_\_\_ Dilution Factor: 1

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

% Moisture: \_\_\_\_\_ Level: (low/med) Low

Analysis Batch No.: 162248 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  | 0.12  |
| 76-14-2   | 1,2-Dichlorotetrafluoroethane    | 170.92           | 0.20   | U | 0.20  | 0.035 |
| 74-87-3   | Chloromethane                    | 50.49            | 0.50   | U | 0.50  | 0.11  |
| 106-97-8  | n-Butane                         | 58.12            | 0.50   | U | 0.50  | 0.11  |
| 75-01-4   | Vinyl chloride                   | 62.50            | 0.078  | U | 0.078 | 0.044 |
| 106-99-0  | 1,3-Butadiene                    | 54.09            | 0.20   | U | 0.20  | 0.057 |
| 74-83-9   | Bromomethane                     | 94.94            | 0.20   | U | 0.20  | 0.051 |
| 75-00-3   | Chloroethane                     | 64.52            | 0.50   | U | 0.50  | 0.054 |
| 593-60-2  | Bromoethene (Vinyl Bromide)      | 106.96           | 0.20   | U | 0.20  | 0.052 |
| 75-69-4   | Trichlorofluoromethane           | 137.37           | 0.20   | U | 0.20  | 0.060 |
| 76-13-1   | 1,1,2-Trichlorotrifluoroethane   | 187.38           | 0.20   | U | 0.20  | 0.038 |
| 75-35-4   | 1,1-Dichloroethene               | 96.94            | 0.050  | U | 0.050 | 0.039 |
| 67-64-1   | Acetone                          | 58.08            | 5.0    | U | 5.0   | 1.2   |
| 67-63-0   | Isopropyl alcohol                | 60.10            | 5.0    | U | 5.0   | 0.48  |
| 75-15-0   | Carbon disulfide                 | 76.14            | 0.50   | U | 0.50  | 0.074 |
| 107-05-1  | 3-Chloropropene                  | 76.53            | 0.50   | U | 0.50  | 0.064 |
| 75-09-2   | Methylene Chloride               | 84.93            | 0.50   | U | 0.50  | 0.27  |
| 75-65-0   | tert-Butyl alcohol               | 74.12            | 5.0    | U | 5.0   | 0.038 |
| 1634-04-4 | Methyl tert-butyl ether          | 88.15            | 0.20   | U | 0.20  | 0.033 |
| 156-60-5  | trans-1,2-Dichloroethene         | 96.94            | 0.20   | U | 0.20  | 0.042 |
| 110-54-3  | n-Hexane                         | 86.17            | 0.20   | U | 0.20  | 0.20  |
| 75-34-3   | 1,1-Dichloroethane               | 98.96            | 0.20   | U | 0.20  | 0.041 |
| 78-93-3   | Methyl Ethyl Ketone (2-Butanone) | 72.11            | 0.50   | U | 0.50  | 0.072 |
| 156-59-2  | cis-1,2-Dichloroethene           | 96.94            | 0.050  | U | 0.050 | 0.045 |
| 67-66-3   | Chloroform                       | 119.38           | 0.20   | U | 0.20  | 0.032 |
| 109-99-9  | Tetrahydrofuran                  | 72.11            | 5.0    | U | 5.0   | 0.066 |
| 71-55-6   | 1,1,1-Trichloroethane            | 133.41           | 0.20   | U | 0.20  | 0.036 |
| 110-82-7  | Cyclohexane                      | 84.16            | 0.20   | U | 0.20  | 0.046 |
| 56-23-5   | Carbon tetrachloride             | 153.81           | 0.035  | U | 0.035 | 0.024 |
| 540-84-1  | 2,2,4-Trimethylpentane           | 114.23           | 0.20   | U | 0.20  | 0.041 |
| 71-43-2   | Benzene                          | 78.11            | 0.20   | U | 0.20  | 0.067 |
| 107-06-2  | 1,2-Dichloroethane               | 98.96            | 0.20   | U | 0.20  | 0.032 |

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

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-56451-1  
 SDG No.: 200-56451-1  
 Client Sample ID: TRIP BLANK Lab Sample ID: 200-56451-8  
 Matrix: Air Lab File ID: 44136-10.D  
 Analysis Method: TO-15 Date Collected: 12/09/2020 00:00  
 Sample wt/vol: 200 (mL) Date Analyzed: 12/18/2020 19:12  
 Soil Aliquot Vol: \_\_\_\_\_ Dilution Factor: 1  
 Soil Extract Vol.: \_\_\_\_\_ GC Column: RTX-624 ID: 0.32 (mm)  
 % Moisture: \_\_\_\_\_ Level: (low/med) Low  
 Analysis Batch No.: 162248 Units: ppb v/v

| CAS NO.     | COMPOUND NAME                                    | MOLECULAR WEIGHT | RESULT | Q | RL    | MDL   |
|-------------|--------------------------------------------------|------------------|--------|---|-------|-------|
| 142-82-5    | n-Heptane                                        | 100.21           | 0.20   | U | 0.20  | 0.056 |
| 79-01-6     | Trichloroethene                                  | 131.39           | 0.037  | U | 0.037 | 0.035 |
| 80-62-6     | Methyl methacrylate                              | 100.12           | 0.50   | U | 0.50  | 0.033 |
| 78-87-5     | 1,2-Dichloropropane                              | 112.99           | 0.20   | U | 0.20  | 0.033 |
| 123-91-1    | 1,4-Dioxane                                      | 88.11            | 5.0    | U | 5.0   | 0.084 |
| 75-27-4     | Bromodichloromethane                             | 163.83           | 0.20   | U | 0.20  | 0.035 |
| 10061-01-5  | cis-1,3-Dichloropropene                          | 110.97           | 0.20   | U | 0.20  | 0.032 |
| 108-10-1    | 4-Methyl-2-pentanone<br>(Methyl isobutyl ketone) | 100.16           | 0.50   | U | 0.50  | 0.036 |
| 108-88-3    | Toluene                                          | 92.14            | 0.20   | U | 0.20  | 0.11  |
| 10061-02-6  | trans-1,3-Dichloropropene                        | 110.97           | 0.20   | U | 0.20  | 0.039 |
| 79-00-5     | 1,1,2-Trichloroethane                            | 133.41           | 0.20   | U | 0.20  | 0.036 |
| 127-18-4    | Tetrachloroethene                                | 165.83           | 0.20   | U | 0.20  | 0.033 |
| 591-78-6    | Methyl Butyl Ketone<br>(2-Hexanone)              | 100.20           | 0.50   | U | 0.50  | 0.048 |
| 124-48-1    | Dibromochloromethane                             | 208.28           | 0.20   | U | 0.20  | 0.036 |
| 106-93-4    | 1,2-Dibromoethane                                | 187.87           | 0.20   | U | 0.20  | 0.049 |
| 108-90-7    | Chlorobenzene                                    | 112.56           | 0.20   | U | 0.20  | 0.056 |
| 100-41-4    | Ethylbenzene                                     | 106.17           | 0.20   | U | 0.20  | 0.063 |
| 179601-23-1 | m,p-Xylene                                       | 106.17           | 0.50   | U | 0.50  | 0.10  |
| 95-47-6     | o-Xylene                                         | 106.17           | 0.20   | U | 0.20  | 0.048 |
| 100-42-5    | Styrene                                          | 104.15           | 0.20   | U | 0.20  | 0.040 |
| 75-25-2     | Bromoform                                        | 252.75           | 0.20   | U | 0.20  | 0.048 |
| 98-82-8     | Cumene                                           | 120.19           | 0.20   | U | 0.20  | 0.035 |
| 79-34-5     | 1,1,2,2-Tetrachloroethane                        | 167.85           | 0.20   | U | 0.20  | 0.042 |
| 103-65-1    | n-Propylbenzene                                  | 120.19           | 0.20   | U | 0.20  | 0.039 |
| 622-96-8    | 4-Ethyltoluene                                   | 120.20           | 0.20   | U | 0.20  | 0.041 |
| 108-67-8    | 1,3,5-Trimethylbenzene                           | 120.20           | 0.20   | U | 0.20  | 0.039 |
| 95-49-8     | 2-Chlorotoluene                                  | 126.59           | 0.20   | U | 0.20  | 0.042 |
| 98-06-6     | tert-Butylbenzene                                | 134.22           | 0.20   | U | 0.20  | 0.035 |
| 95-63-6     | 1,2,4-Trimethylbenzene                           | 120.20           | 0.20   | U | 0.20  | 0.044 |
| 135-98-8    | sec-Butylbenzene                                 | 134.22           | 0.20   | U | 0.20  | 0.035 |
| 99-87-6     | 4-Isopropyltoluene                               | 134.22           | 0.20   | U | 0.20  | 0.039 |
| 541-73-1    | 1,3-Dichlorobenzene                              | 147.00           | 0.20   | U | 0.20  | 0.11  |
| 106-46-7    | 1,4-Dichlorobenzene                              | 147.00           | 0.20   | U | 0.20  | 0.12  |



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

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-56451-1  
SDG No.: 200-56451-1  
Client Sample ID: TRIP BLANK Lab Sample ID: 200-56451-8  
Matrix: Air Lab File ID: 44136-10.D  
Analysis Method: TO-15 Date Collected: 12/09/2020 00:00  
Sample wt/vol: 200 (mL) Date Analyzed: 12/18/2020 19:12  
Soil Aliquot Vol:                      Dilution Factor: 1  
Soil Extract Vol.:                      GC Column: RTX-624 ID: 0.32 (mm)  
% Moisture:                      Level: (low/med) Low  
Analysis Batch No.: 162248 Units: ppb v/v

| CAS NO.  | COMPOUND NAME          | MOLECULAR WEIGHT | RESULT | Q | RL   | MDL   |
|----------|------------------------|------------------|--------|---|------|-------|
| 100-44-7 | Benzyl chloride        | 126.58           | 0.20   | U | 0.20 | 0.085 |
| 104-51-8 | n-Butylbenzene         | 134.22           | 0.20   | U | 0.20 | 0.039 |
| 95-50-1  | 1,2-Dichlorobenzene    | 147.00           | 0.20   | U | 0.20 | 0.097 |
| 120-82-1 | 1,2,4-Trichlorobenzene | 181.45           | 0.50   | U | 0.50 | 0.22  |
| 87-68-3  | Hexachlorobutadiene    | 260.76           | 0.20   | U | 0.20 | 0.076 |
| 91-20-3  | Naphthalene            | 128.17           | 0.50   | U | 0.50 | 0.17  |

Eurofins TestAmerica, Burlington  
Target Compound Quantitation Report

Data File: \\chromfs\Burlington\ChromData\CHC.i\20201218-44136.b\44136-10.D  
 Lims ID: 200-56451-A-8  
 Client ID: TRIP BLANK  
 Sample Type: Client  
 Inject. Date: 18-Dec-2020 19:12:30 ALS Bottle#: 10 Worklist Smp#: 10  
 Purge Vol: 200.000 mL Dil. Factor: 1.0000  
 Sample Info: 200-0044136-010  
 Misc. Info.: 56451-8  
 Operator ID: vtp Instrument ID: CHC.i  
 Method: \\chromfs\Burlington\ChromData\CHC.i\20201218-44136.b\TO15\_MasterMethod\_(v1)\_CHC.i.m  
 Limit Group: AI\_TO15\_ICAL  
 Last Update: 21-Dec-2020 15:23:44 Calib Date: 18-Dec-2020 04:03:30  
 Integrator: RTE ID Type: Deconvolution ID  
 Quant Method: Internal Standard Quant By: Initial Calibration  
 Last ICal File: \\chromfs\Burlington\ChromData\CHC.i\20201217-44129.b\44129-14.D  
 Column 1 : RTX-624 ( 0.32 mm) Det: MS SCAN  
 Process Host: CTX1658

First Level Reviewer: puangmaleek

Date: 21-Dec-2020 15:23:44

| Compound                           | Sig | RT<br>(min.) | Adj RT<br>(min.) | Dlt RT<br>(min.) | Q  | Response | OnCol Amt<br>ppb v/v | Flags |
|------------------------------------|-----|--------------|------------------|------------------|----|----------|----------------------|-------|
| 2 Dichlorodifluoromethane          | 85  | 2.892        | 2.897            | -0.005           | 98 | 6241     | 0.0776               |       |
| 3 Chlorodifluoromethane            | 51  |              | 2.934            |                  |    |          | ND                   | U     |
| 4 1,2-Dichloro-1,1,2,2-tetrafluoro | 85  |              | 3.137            |                  |    |          | ND                   | U     |
| 5 Chloromethane                    | 50  |              | 3.244            |                  |    |          | ND                   | U     |
| 6 Butane                           | 43  |              | 3.436            |                  |    |          | ND                   | 7     |
| 7 Vinyl chloride                   | 62  |              | 3.463            |                  |    |          | ND                   | U     |
| 8 Butadiene                        | 54  |              | 3.537            |                  |    |          | ND                   | 7     |
| 10 Bromomethane                    | 94  |              | 4.140            |                  |    |          | ND                   | 7     |
| 11 Chloroethane                    | 64  |              | 4.359            |                  |    |          | ND                   | 7     |
| 13 Vinyl bromide                   | 106 |              | 4.733            |                  |    |          | ND                   | 7     |
| 14 Trichlorofluoromethane          | 101 |              | 4.850            |                  |    |          | ND                   | 7     |
| 20 1,1,2-Trichloro-1,2,2-trifluoro | 101 |              | 5.912            |                  |    |          | ND                   | 7     |
| 21 1,1-Dichloroethene              | 96  |              | 5.917            |                  |    |          | ND                   | U     |
| 22 Acetone                         | 43  | 6.190        | 6.147            | 0.043            | 98 | 24103    | 0.7158               |       |
| 23 Carbon disulfide                | 76  |              | 6.280            |                  |    |          | ND                   | 7     |
| 24 Isopropyl alcohol               | 45  | 6.595        | 6.531            | 0.064            | 85 | 13148    | 0.4014               |       |
| 25 3-Chloro-1-propene              | 41  |              | 6.681            |                  |    |          | ND                   | 7     |
| 27 Methylene Chloride              | 49  |              | 6.958            |                  |    |          | ND                   | 7     |
| 28 2-Methyl-2-propanol             | 59  |              | 7.326            |                  |    |          | ND                   |       |
| 31 trans-1,2-Dichloroethene        | 61  |              | 7.417            |                  |    |          | ND                   | 7     |
| 29 Methyl tert-butyl ether         | 73  |              | 7.438            |                  |    |          | ND                   | 7     |
| 33 Hexane                          | 57  |              | 7.849            |                  |    |          | ND                   | U     |
| 34 1,1-Dichloroethane              | 63  |              | 8.250            |                  |    |          | ND                   | 7     |
| 37 cis-1,2-Dichloroethene          | 96  |              | 9.349            |                  |    |          | ND                   | 7     |
| 38 2-Butanone (MEK)                | 72  |              | 9.408            |                  |    |          | ND                   | U     |
| * 40 Chlorobromomethane            | 128 | 9.787        | 9.787            | 0.000            | 78 | 498958   | 20.0                 |       |
| 41 Tetrahydrofuran                 | 42  |              | 9.867            |                  |    |          | ND                   | 7     |
| 42 Chloroform                      | 83  |              | 9.947            |                  |    |          | ND                   |       |
| 44 1,1,1-Trichloroethane           | 97  |              | 10.219           |                  |    |          | ND                   | 7     |
| 43 Cyclohexane                     | 84  |              | 10.224           |                  |    |          | ND                   | 7     |
| 45 Carbon tetrachloride            | 117 |              | 10.486           |                  |    |          | ND                   | U     |

| Compound                       | Sig | RT<br>(min.) | Adj RT<br>(min.) | Dlt RT<br>(min.) | Q  | Response | OnCol Amt<br>ppb v/v | Flags |
|--------------------------------|-----|--------------|------------------|------------------|----|----------|----------------------|-------|
| 47 Benzene                     | 78  |              | 10.913           |                  |    |          | ND                   | 7     |
| 46 Isooctane                   | 57  |              | 10.966           |                  |    |          | ND                   |       |
| 48 1,2-Dichloroethane          | 62  |              | 11.068           |                  |    |          | ND                   |       |
| 49 n-Heptane                   | 43  |              | 11.366           |                  |    |          | ND                   | 7     |
| * 50 1,4-Difluorobenzene       | 114 | 11.761       | 11.761           | 0.000            | 94 | 2923322  | 20.0                 |       |
| 53 Trichloroethene             | 95  |              | 12.236           |                  |    |          | ND                   | 7     |
| 54 1,2-Dichloropropane         | 63  |              | 12.738           |                  |    |          | ND                   |       |
| 55 Methyl methacrylate         | 69  |              | 12.978           |                  |    |          | ND                   |       |
| 56 1,4-Dioxane                 | 88  |              | 13.048           |                  |    |          | ND                   | 7     |
| 58 Dichlorobromomethane        | 83  |              | 13.320           |                  |    |          | ND                   |       |
| 60 cis-1,3-Dichloropropene     | 75  |              | 14.280           |                  |    |          | ND                   | 7     |
| 61 4-Methyl-2-pentanone (MIBK) | 43  |              | 14.617           |                  |    |          | ND                   | 7     |
| 65 Toluene                     | 92  |              | 14.894           |                  |    |          | ND                   | U     |
| 66 trans-1,3-Dichloropropene   | 75  |              | 15.487           |                  |    |          | ND                   | 7     |
| 67 1,1,2-Trichloroethane       | 83  |              | 15.849           |                  |    |          | ND                   |       |
| 68 Tetrachloroethene           | 166 |              | 16.015           |                  |    |          | ND                   | 7     |
| 69 2-Hexanone                  | 43  |              | 16.367           |                  |    |          | ND                   | 7     |
| 71 Chlorodibromomethane        | 129 |              | 16.618           |                  |    |          | ND                   | 7     |
| 72 Ethylene Dibromide          | 107 |              | 16.874           |                  |    |          | ND                   | 7     |
| * 74 Chlorobenzene-d5          | 117 | 17.803       | 17.803           | 0.000            | 86 | 3314176  | 20.0                 |       |
| 75 Chlorobenzene               | 112 |              | 17.861           |                  |    |          | ND                   | 7     |
| 76 Ethylbenzene                | 91  |              | 18.038           |                  |    |          | ND                   | 7     |
| 78 m-Xylene & p-Xylene         | 106 |              | 18.294           |                  |    |          | ND                   | 7     |
| 79 o-Xylene                    | 106 |              | 19.126           |                  |    |          | ND                   |       |
| 80 Styrene                     | 104 |              | 19.174           |                  |    |          | ND                   |       |
| 81 Bromoform                   | 173 |              | 19.591           |                  |    |          | ND                   | 7     |
| 82 Isopropylbenzene            | 105 |              | 19.873           |                  |    |          | ND                   | 7     |
| 84 1,1,2,2-Tetrachloroethane   | 83  |              | 20.557           |                  |    |          | ND                   | 7     |
| 85 N-Propylbenzene             | 91  |              | 20.663           |                  |    |          | ND                   | 7     |
| 89 2-Chlorotoluene             | 91  |              | 20.861           |                  |    |          | ND                   | 7     |
| 88 4-Ethyltoluene              | 105 |              | 20.871           |                  |    |          | ND                   | 7     |
| 90 1,3,5-Trimethylbenzene      | 105 |              | 20.989           |                  |    |          | ND                   | 7     |
| 92 tert-Butylbenzene           | 119 |              | 21.507           |                  |    |          | ND                   |       |
| 93 1,2,4-Trimethylbenzene      | 105 |              | 21.608           |                  |    |          | ND                   | 7     |
| 94 sec-Butylbenzene            | 105 |              | 21.853           |                  |    |          | ND                   | 7     |
| 95 4-Isopropyltoluene          | 119 |              | 22.072           |                  |    |          | ND                   |       |
| 96 1,3-Dichlorobenzene         | 146 |              | 22.078           |                  |    |          | ND                   | 7     |
| 97 1,4-Dichlorobenzene         | 146 |              | 22.216           |                  |    |          | ND                   | 7     |
| 98 Benzyl chloride             | 91  |              | 22.409           |                  |    |          | ND                   | 7     |
| 100 n-Butylbenzene             | 91  |              | 22.654           |                  |    |          | ND                   | 7     |
| 101 1,2-Dichlorobenzene        | 146 |              | 22.745           |                  |    |          | ND                   | 7     |
| 103 1,2,4-Trichlorobenzene     | 180 |              | 25.082           |                  |    |          | ND                   | 7     |
| 104 Hexachlorobutadiene        | 225 |              | 25.285           |                  |    |          | ND                   | 7     |
| 105 Naphthalene                | 128 |              | 25.493           |                  |    |          | ND                   | 7     |

**QC Flag Legend**

Processing Flags

7 - Failed Limit of Detection

Review Flags

U - Marked Undetected

**Reagents:**

ATTO15CISs\_00010

Amount Added: 40.00

Units: mL

Run Reagent

Report Date: 21-Dec-2020 15:23:45

Chrom Revision: 2.3 09-Dec-2020 16:22:14

Eurofins TestAmerica, Burlington

Data File: \\chromfs\Burlington\ChromData\CHC.i\20201218-44136.b\44136-10.D

Injection Date: 18-Dec-2020 19:12:30

Instrument ID: CHC.i

Operator ID: vtp

Lims ID: 200-56451-A-8

Lab Sample ID: 200-56451-8

Worklist Smp#: 10

Client ID: TRIP BLANK

Purge Vol: 200.000 mL

Dil. Factor: 1.0000

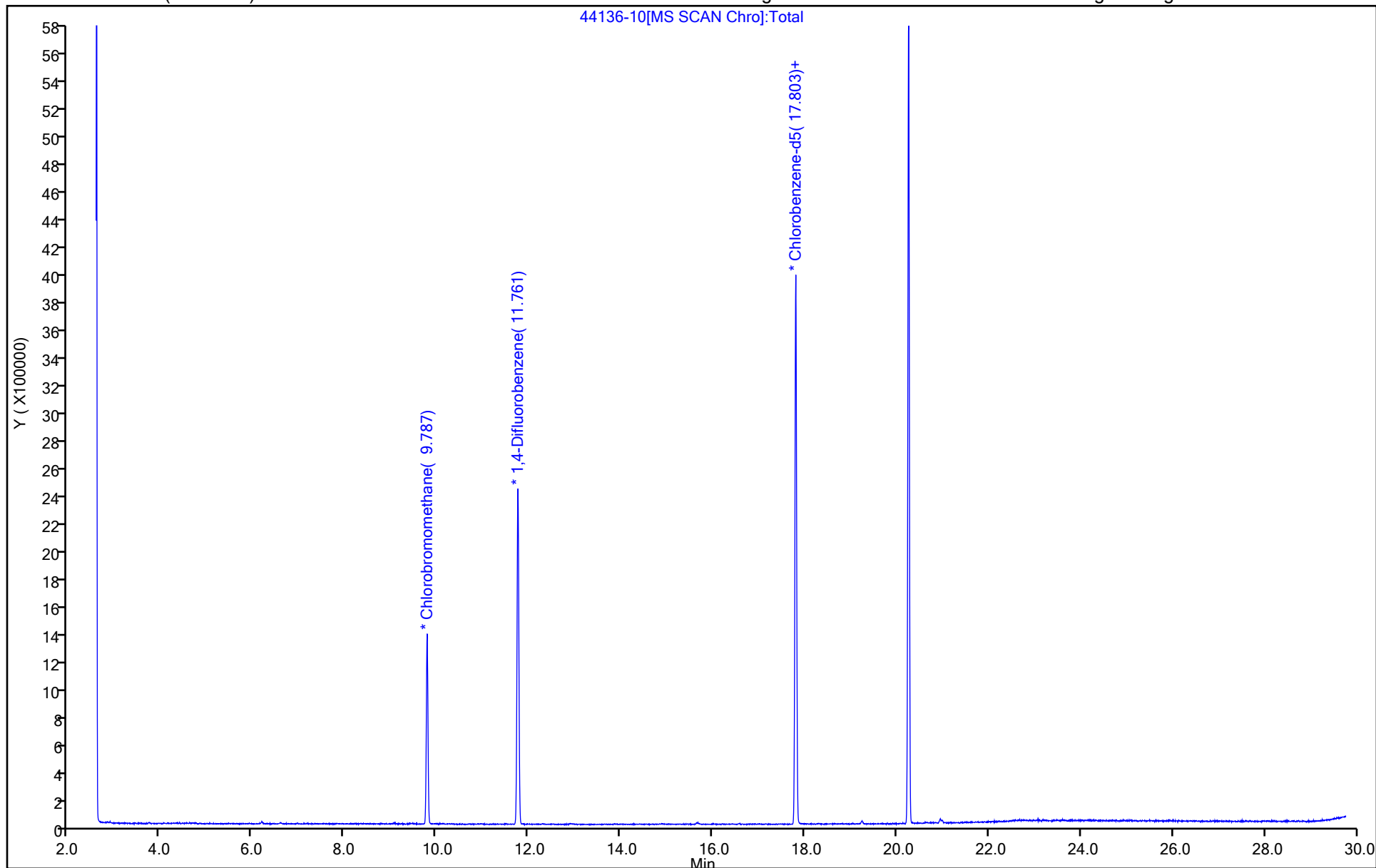
ALS Bottle#: 10

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 TestAmerica, Burlington

Data File: \\chromfs\Burlington\ChromData\CHC.i\20201218-44136.b\44136-10.D

Injection Date: 18-Dec-2020 19:12:30

Instrument ID: CHC.i

Lims ID: 200-56451-A-8

Lab Sample ID: 200-56451-8

Client ID: TRIP BLANK

Operator ID: vtp

ALS Bottle#:

10

Worklist Smp#: 10

Purge Vol: 200.000 mL

Dil. Factor: 1.0000

Method: TO15\_MasterMethod\_(v1)\_CHC.i

Limit Group:

AI\_TO15\_ICAL

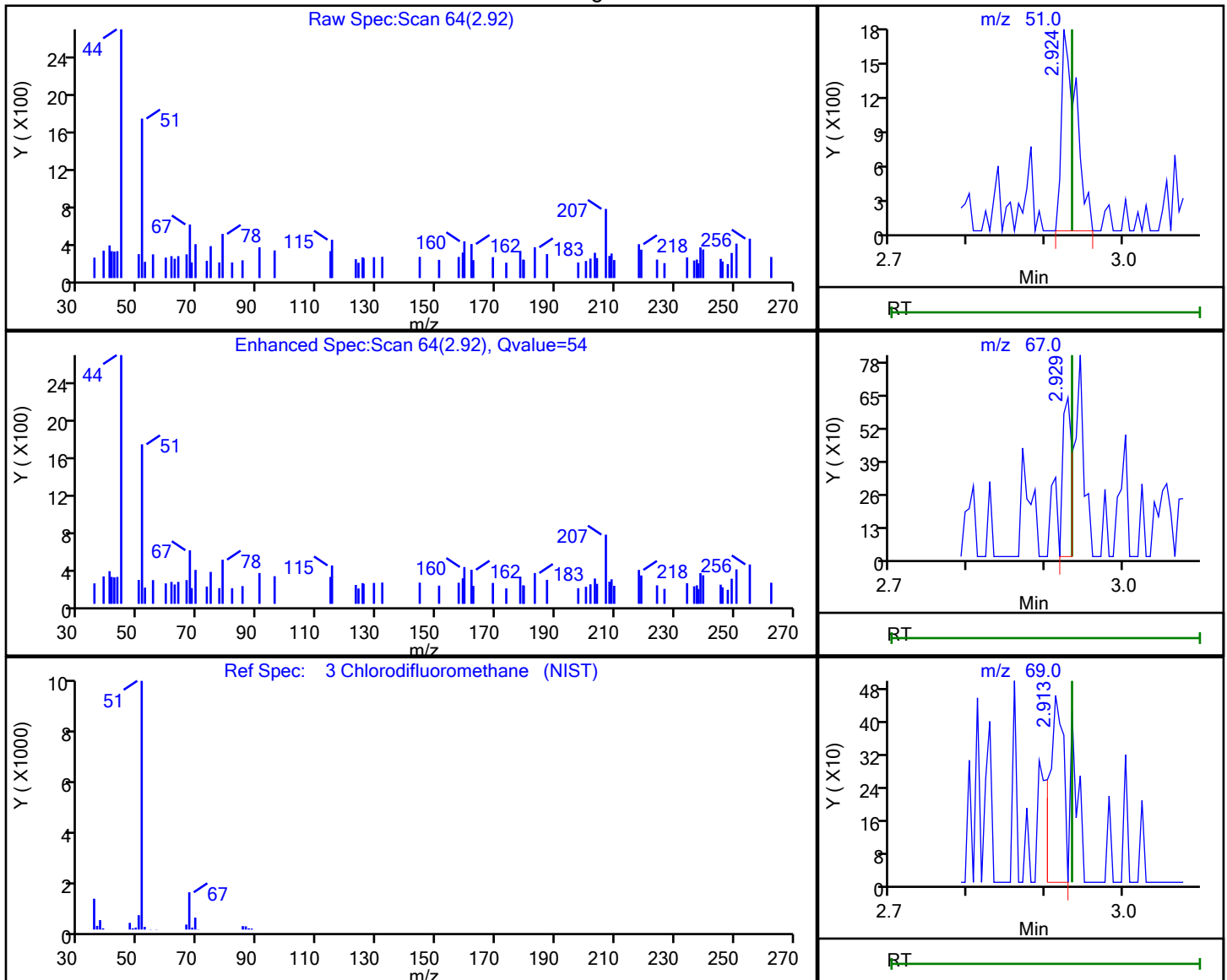
Column: RTX-624 ( 0.32 mm)

Detector

MS SCAN

## 3 Chlorodifluoromethane, CAS: 75-45-6

## Processing Results



| RT   | Mass  | Response | Amount   |
|------|-------|----------|----------|
| 2.92 | 51.00 | 2273     | 0.057207 |
| 2.93 | 67.00 | 522      |          |
| 2.91 | 69.00 | 560      |          |

Reviewer: puangmaleek, 21-Dec-2020 15:22:31

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

## Eurofins TestAmerica, Burlington

Data File: \\chromfs\Burlington\ChromData\CHC.i\20201218-44136.b\44136-10.D

Injection Date: 18-Dec-2020 19:12:30

Instrument ID: CHC.i

Lims ID: 200-56451-A-8

Lab Sample ID: 200-56451-8

Client ID: TRIP BLANK

Operator ID: vtp

ALS Bottle#: 10

Worklist Smp#: 10

Purge Vol: 200.000 mL

Dil. Factor: 1.0000

Method: TO15\_MasterMethod\_(v1)\_CHC.i

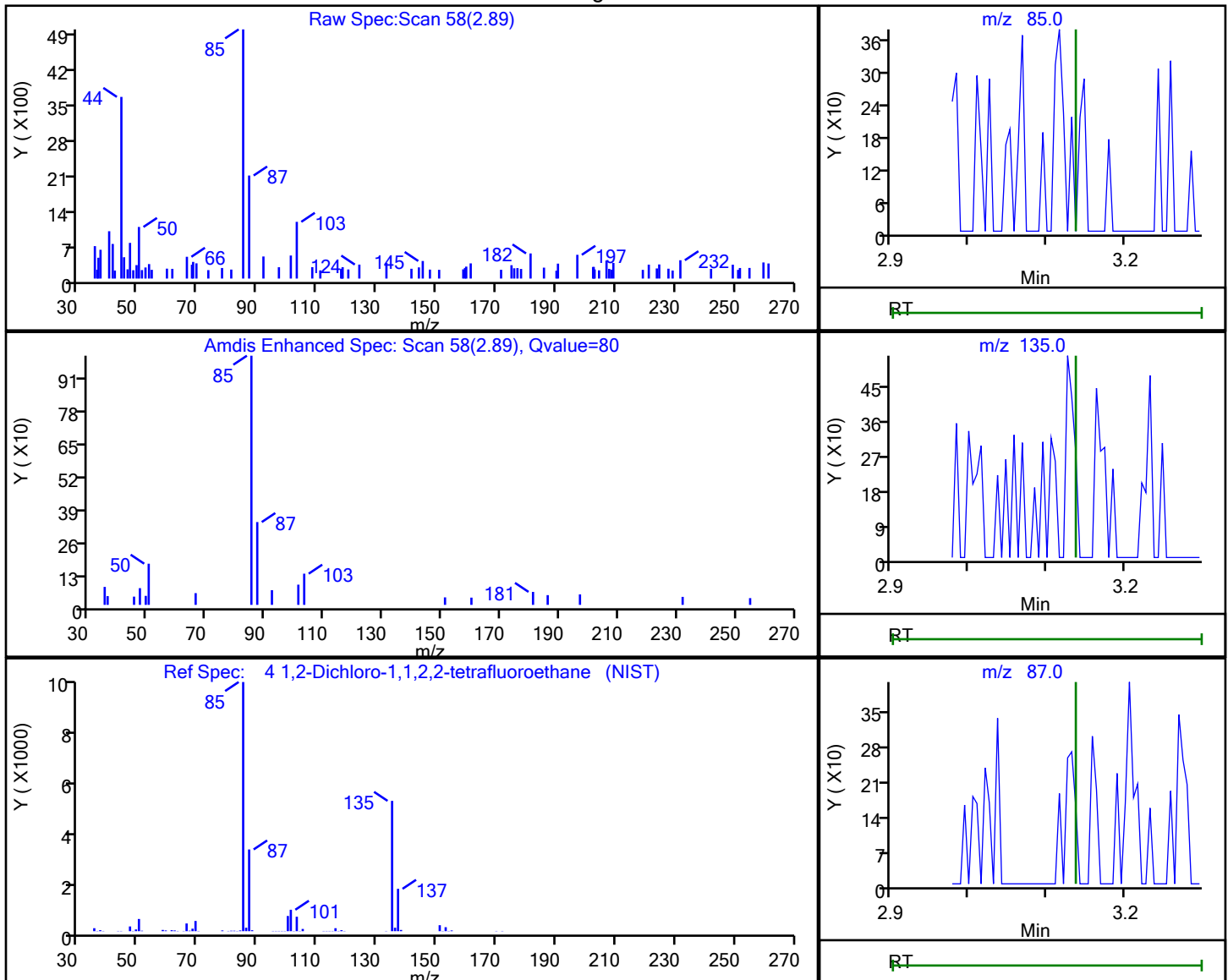
Limit Group: AI\_TO15\_ICAL

Column: RTX-624 ( 0.32 mm)

Detector: MS SCAN

## 4 1,2-Dichloro-1,1,2,2-tetrafluoroethane, CAS: 76-14-2

## Processing Results



| RT   | Mass   | Response | Amount   |
|------|--------|----------|----------|
| 2.89 | 85.00  | 6241     | 0.085788 |
| 2.90 | 135.00 | 226      |          |
| 2.89 | 87.00  | 1894     |          |

Reviewer: puangmaleek, 21-Dec-2020 15:22:42

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

## Eurofins TestAmerica, Burlington

Data File: \\chromfs\Burlington\ChromData\CHC.i\20201218-44136.b\44136-10.D

Injection Date: 18-Dec-2020 19:12:30

Instrument ID: CHC.i

Lims ID: 200-56451-A-8

Lab Sample ID: 200-56451-8

Client ID: TRIP BLANK

Operator ID: vtp

ALS Bottle#: 10

Worklist Smp#: 10

Purge Vol: 200.000 mL

Dil. Factor: 1.0000

Method: TO15\_MasterMethod\_(v1)\_CHC.i

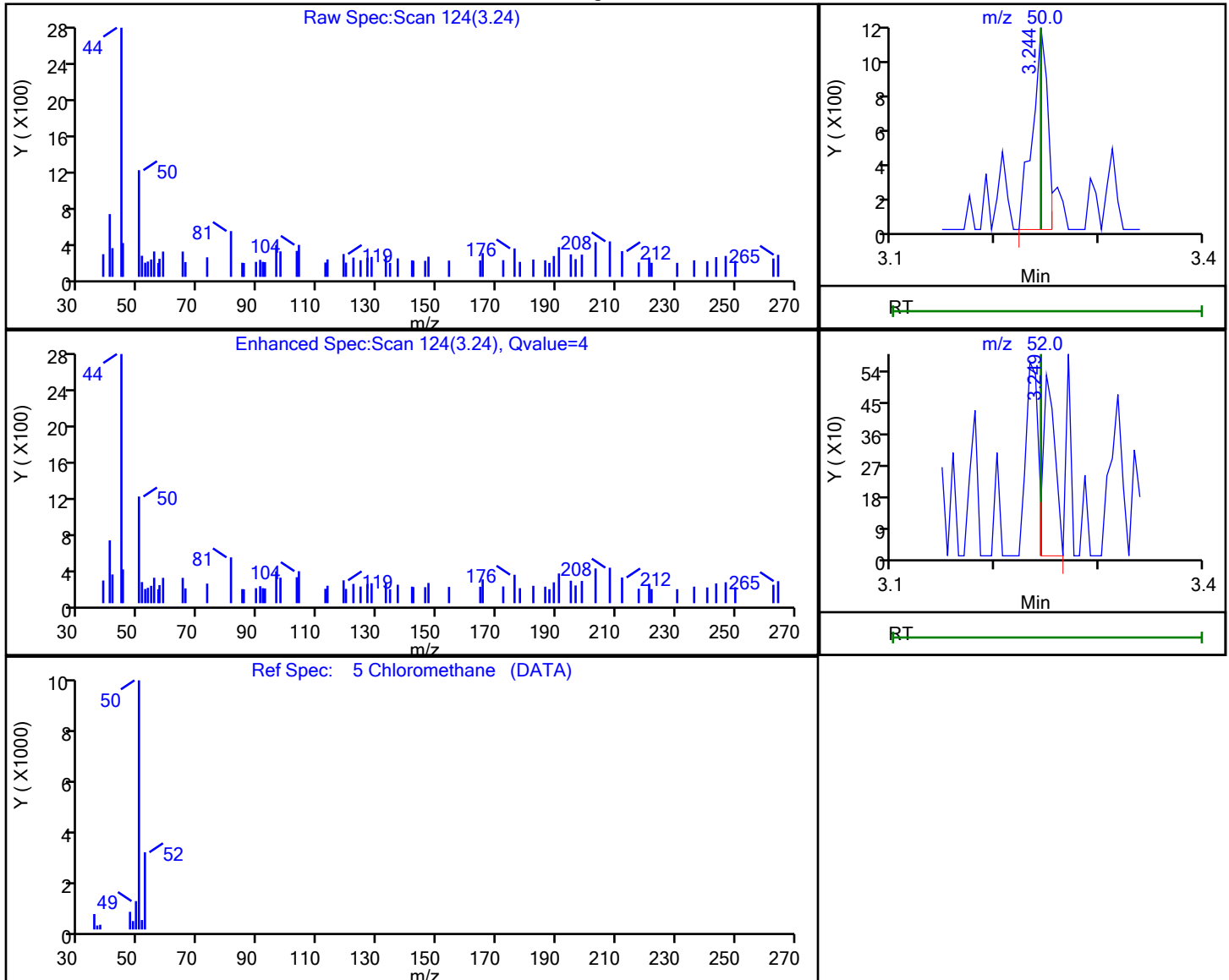
Limit Group: AI\_TO15\_ICAL

Column: RTX-624 ( 0.32 mm)

Detector: MS SCAN

## 5 Chloromethane, CAS: 74-87-3

## Processing Results



| RT   | Mass  | Response | Amount   |
|------|-------|----------|----------|
| 3.24 | 50.00 | 1196     | 0.074026 |
| 3.25 | 52.00 | 422      |          |

Reviewer: puangmaleek, 21-Dec-2020 15:22:45

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID



## Eurofins TestAmerica, Burlington

Data File: \\chromfs\Burlington\ChromData\CHC.i\20201218-44136.b\44136-10.D

Injection Date: 18-Dec-2020 19:12:30

Instrument ID: CHC.i

Lims ID: 200-56451-A-8

Lab Sample ID: 200-56451-8

Client ID: TRIP BLANK

Operator ID: vtp

ALS Bottle#: 10 Worklist Smp#: 10

Purge Vol: 200.000 mL

Dil. Factor: 1.0000

Method: TO15\_MasterMethod\_(v1)\_CHC.i

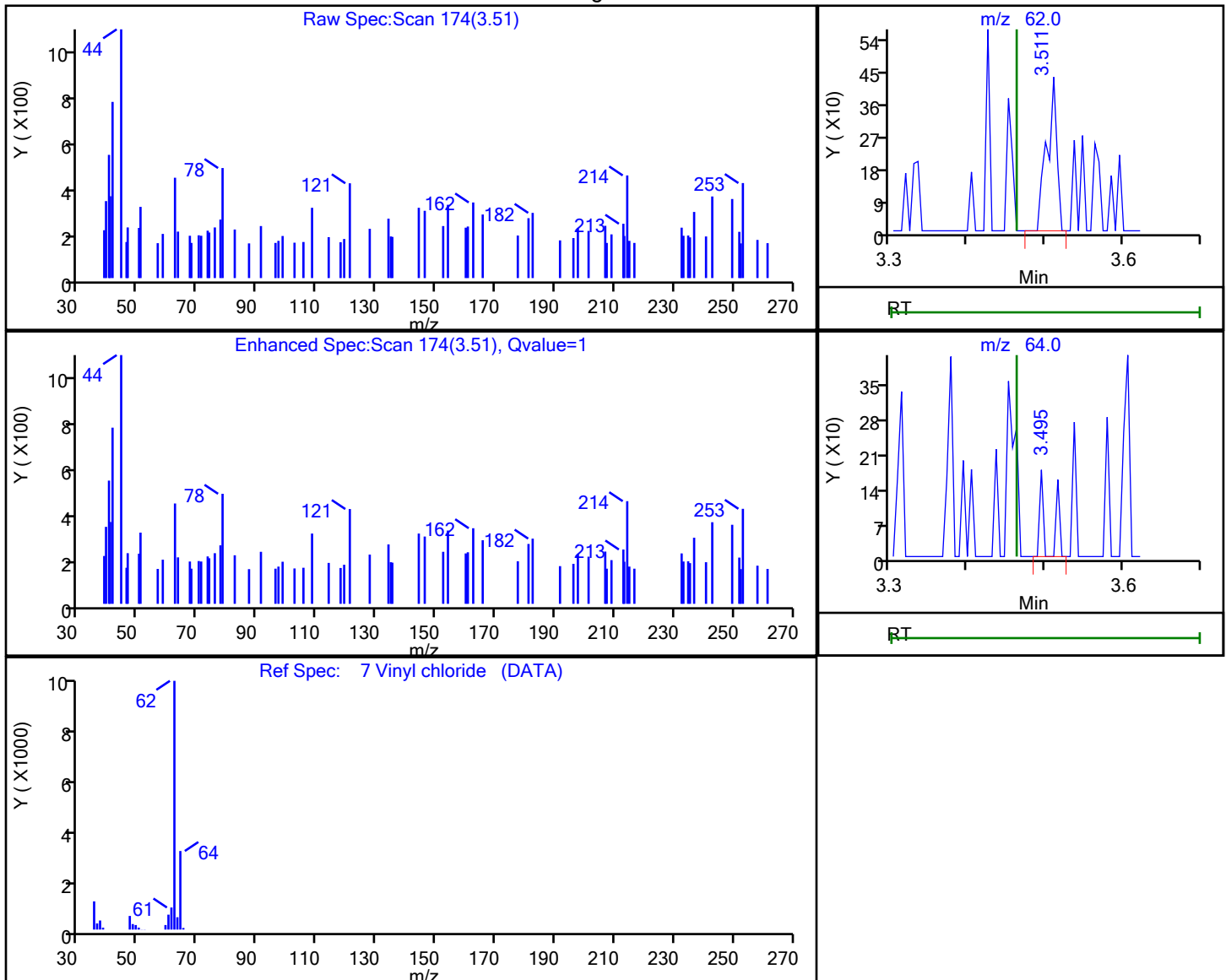
Limit Group: AI\_TO15\_ICAL

Column: RTX-624 ( 0.32 mm)

Detector: MS SCAN

## 7 Vinyl chloride, CAS: 75-01-4

## Processing Results



| RT   | Mass  | Response | Amount   |
|------|-------|----------|----------|
| 3.51 | 62.00 | 389      | 0.018826 |
| 3.49 | 64.00 | 106      |          |

Reviewer: puangmaleek, 21-Dec-2020 15:22:48

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

## Eurofins TestAmerica, Burlington

Data File: \\chromfs\Burlington\ChromData\CHC.i\20201218-44136.b\44136-10.D

Injection Date: 18-Dec-2020 19:12:30

Instrument ID: CHC.i

Lims ID: 200-56451-A-8

Lab Sample ID: 200-56451-8

Client ID: TRIP BLANK

Operator ID: vtp

ALS Bottle#:

10

Worklist Smp#: 10

Purge Vol: 200.000 mL

Dil. Factor: 1.0000

Method: TO15\_MasterMethod\_(v1)\_CHC.i

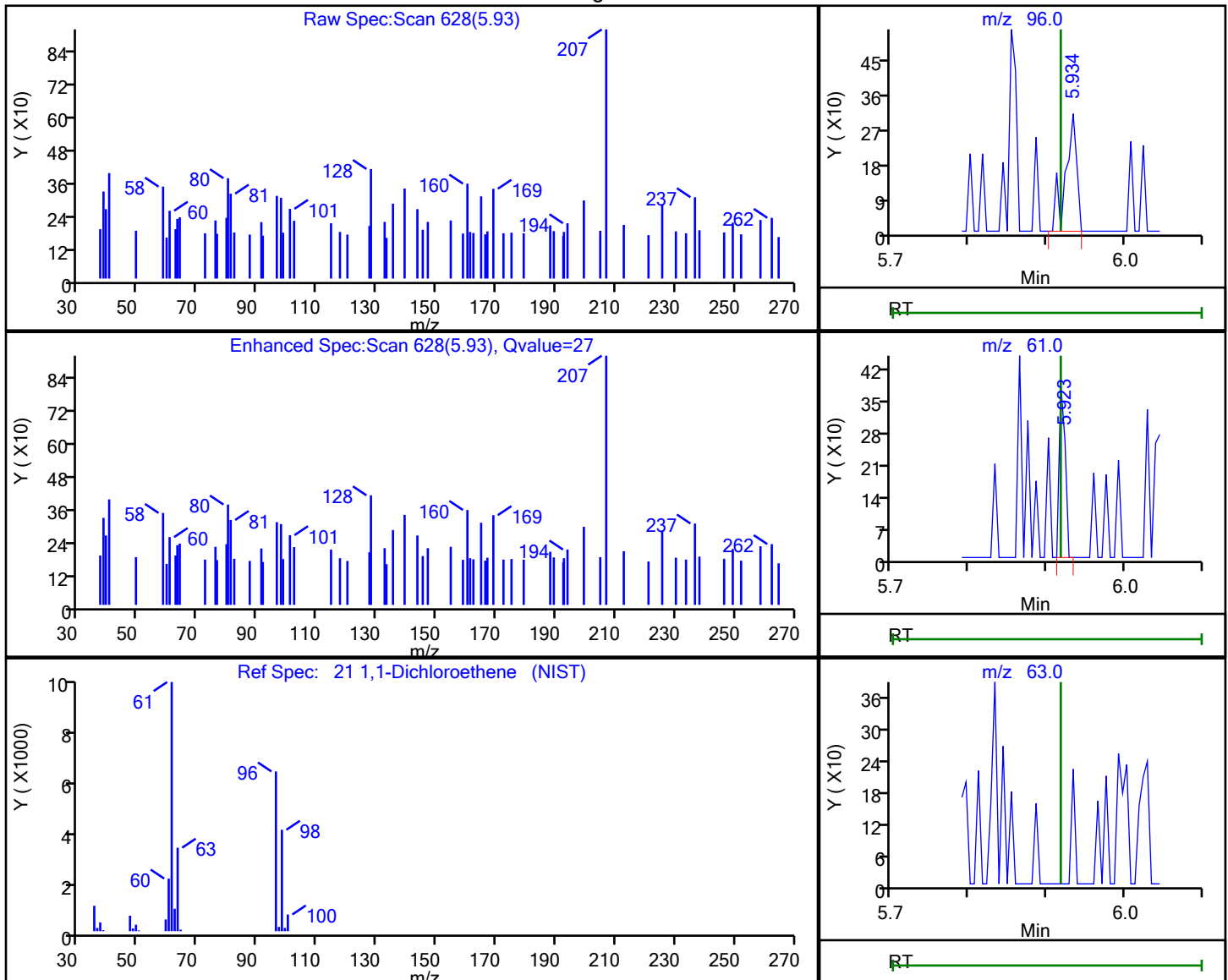
Limit Group: AI\_TO15\_ICAL

Column: RTX-624 ( 0.32 mm)

Detector: MS SCAN

## 21 1,1-Dichloroethene, CAS: 75-35-4

## Processing Results



| RT   | Mass  | Response | Amount   |
|------|-------|----------|----------|
| 5.93 | 96.00 | 305      | 0.012945 |
| 5.92 | 61.00 | 206      |          |
| 5.92 | 63.00 | 0        |          |

Reviewer: puangmaleek, 21-Dec-2020 15:22:52

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

## Eurofins TestAmerica, Burlington

Data File: \\chromfs\Burlington\ChromData\CHC.i\20201218-44136.b\44136-10.D

Injection Date: 18-Dec-2020 19:12:30

Instrument ID: CHC.i

Lims ID: 200-56451-A-8

Lab Sample ID: 200-56451-8

Client ID: TRIP BLANK

Operator ID: vtp

ALS Bottle#: 10

Worklist Smp#: 10

Purge Vol: 200.000 mL

Dil. Factor: 1.0000

Method: TO15\_MasterMethod\_(v1)\_CHC.i

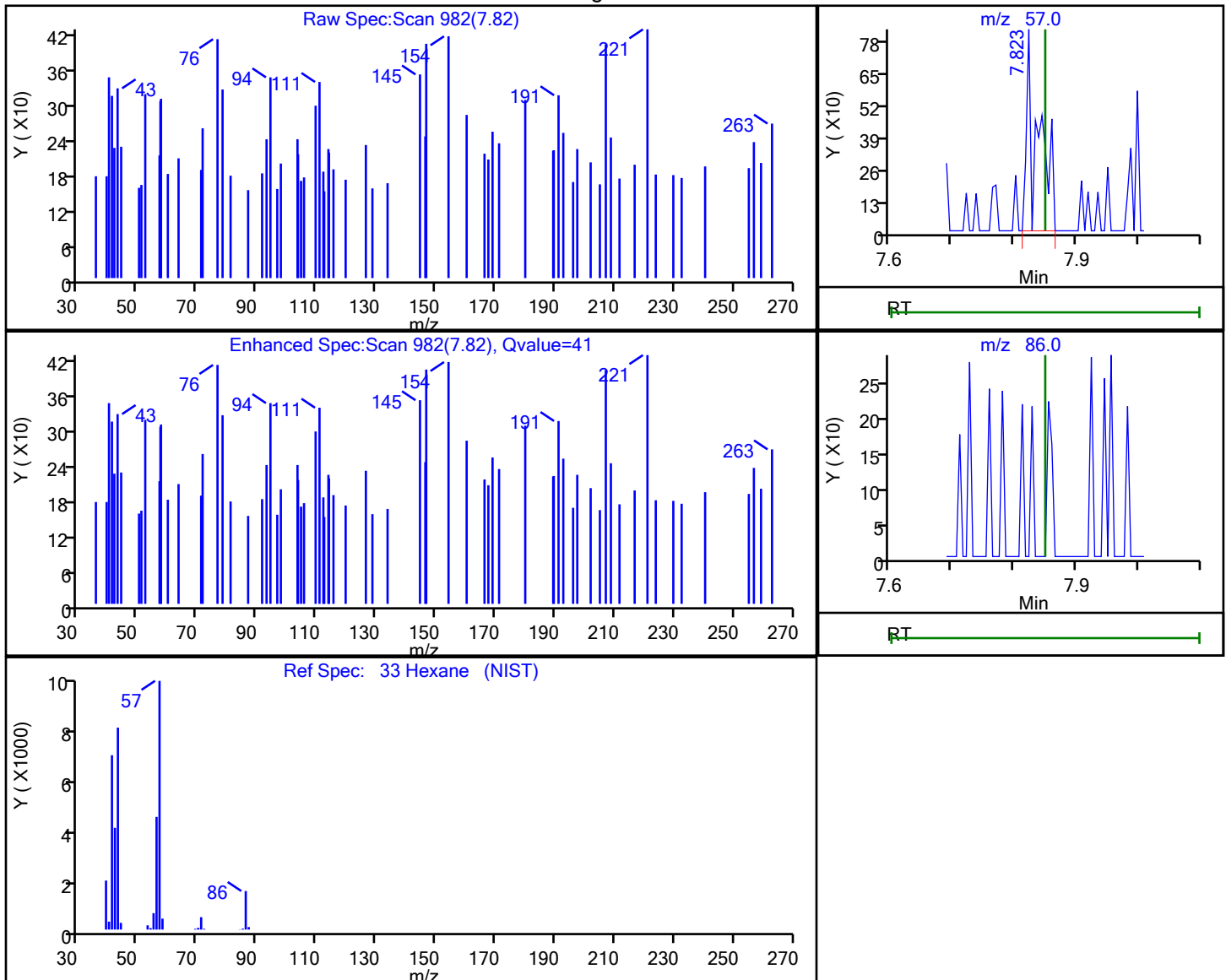
Limit Group: AI\_TO15\_ICAL

Column: RTX-624 ( 0.32 mm)

Detector: MS SCAN

## 33 Hexane, CAS: 110-54-3

## Processing Results



| RT   | Mass  | Response | Amount   |
|------|-------|----------|----------|
| 7.82 | 57.00 | 1080     | 0.032250 |
| 7.85 | 86.00 | 0        |          |

Reviewer: puangmaleek, 21-Dec-2020 15:23:00

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

## Eurofins TestAmerica, Burlington

Data File: \\chromfs\Burlington\ChromData\CHC.i\20201218-44136.b\44136-10.D

Injection Date: 18-Dec-2020 19:12:30

Instrument ID: CHC.i

Lims ID: 200-56451-A-8

Lab Sample ID: 200-56451-8

Client ID: TRIP BLANK

Operator ID: vtp

ALS Bottle#: 10

Worklist Smp#: 10

Purge Vol: 200.000 mL

Dil. Factor: 1.0000

Method: TO15\_MasterMethod\_(v1)\_CHC.i

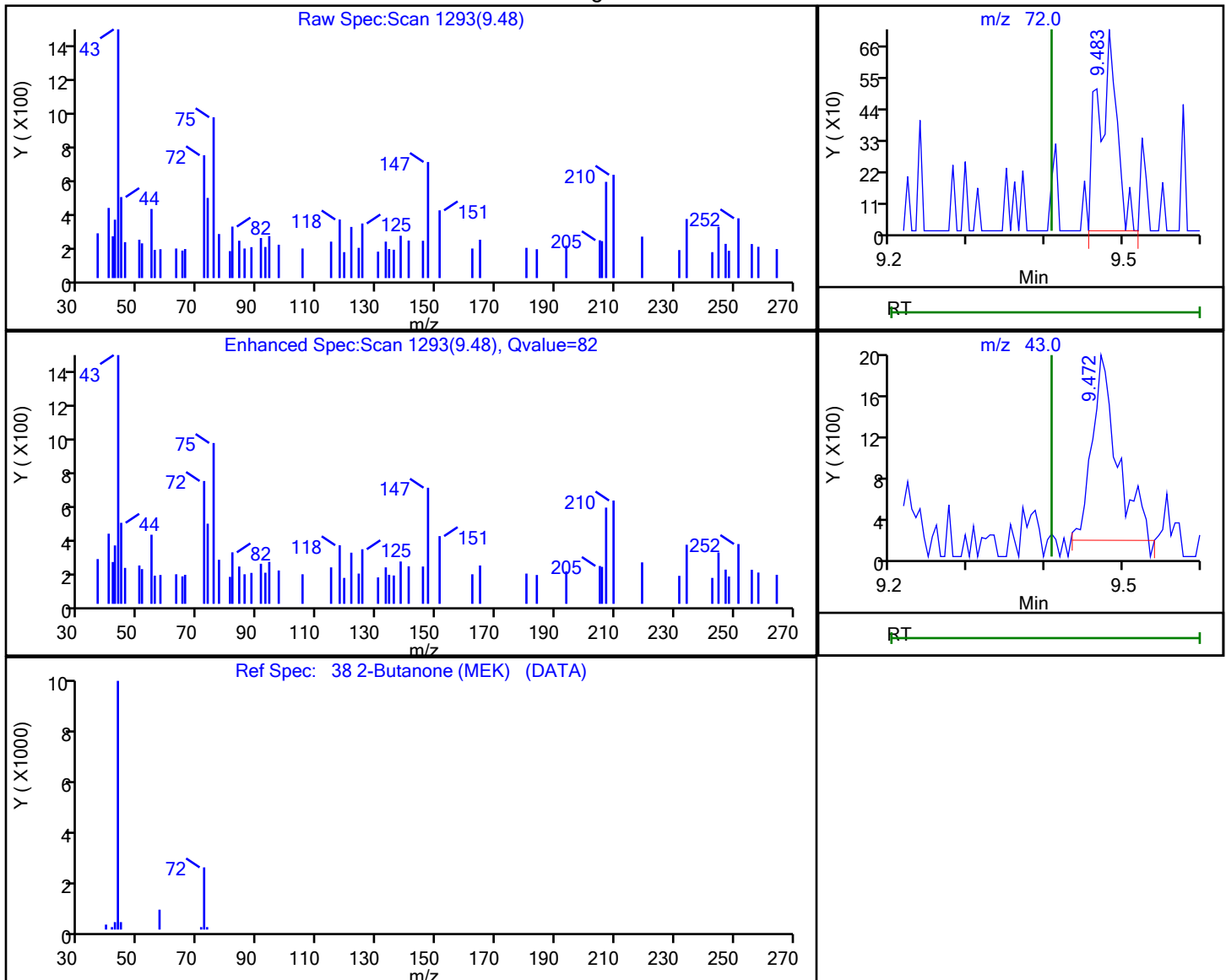
Limit Group: AI\_TO15\_ICAL

Column: RTX-624 ( 0.32 mm)

Detector: MS SCAN

## 38 2-Butanone (MEK), CAS: 78-93-3

## Processing Results



| RT   | Mass  | Response | Amount   |
|------|-------|----------|----------|
| 9.48 | 72.00 | 1155     | 0.095119 |
| 9.47 | 43.00 | 3956     |          |

Reviewer: puangmaleek, 21-Dec-2020 15:23:03

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

## Eurofins TestAmerica, Burlington

Data File: \\chromfs\Burlington\ChromData\CHC.i\20201218-44136.b\44136-10.D

Injection Date: 18-Dec-2020 19:12:30

Instrument ID: CHC.i

Lims ID: 200-56451-A-8

Lab Sample ID: 200-56451-8

Client ID: TRIP BLANK

Operator ID: vtp

ALS Bottle#: 10

Worklist Smp#: 10

Purge Vol: 200.000 mL

Dil. Factor: 1.0000

Method: TO15\_MasterMethod\_(v1)\_CHC.i

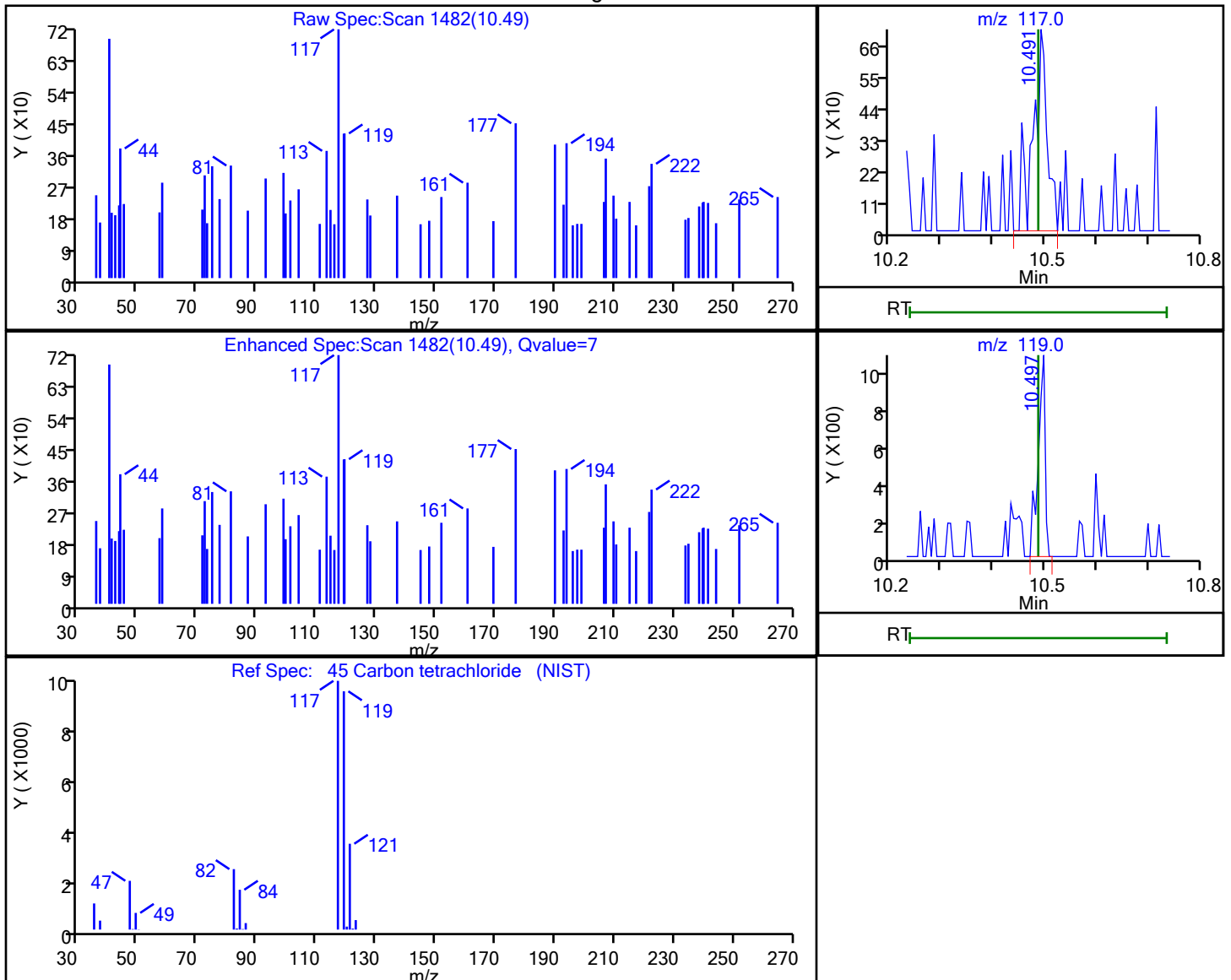
Limit Group: AI\_TO15\_ICAL

Column: RTX-624 ( 0.32 mm)

Detector: MS SCAN

## 45 Carbon tetrachloride, CAS: 56-23-5

## Processing Results



| RT    | Mass   | Response | Amount   |
|-------|--------|----------|----------|
| 10.49 | 117.00 | 1352     | 0.013369 |
| 10.50 | 119.00 | 993      |          |

Reviewer: puangmaleek, 21-Dec-2020 15:23:09

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

## Eurofins TestAmerica, Burlington

Data File: \\chromfs\Burlington\ChromData\CHC.i\20201218-44136.b\44136-10.D

Injection Date: 18-Dec-2020 19:12:30

Instrument ID: CHC.i

Lims ID: 200-56451-A-8

Lab Sample ID: 200-56451-8

Client ID: TRIP BLANK

Operator ID: vtp

ALS Bottle#: 10

Worklist Smp#: 10

Purge Vol: 200.000 mL

Dil. Factor: 1.0000

Method: TO15\_MasterMethod\_(v1)\_CHC.i

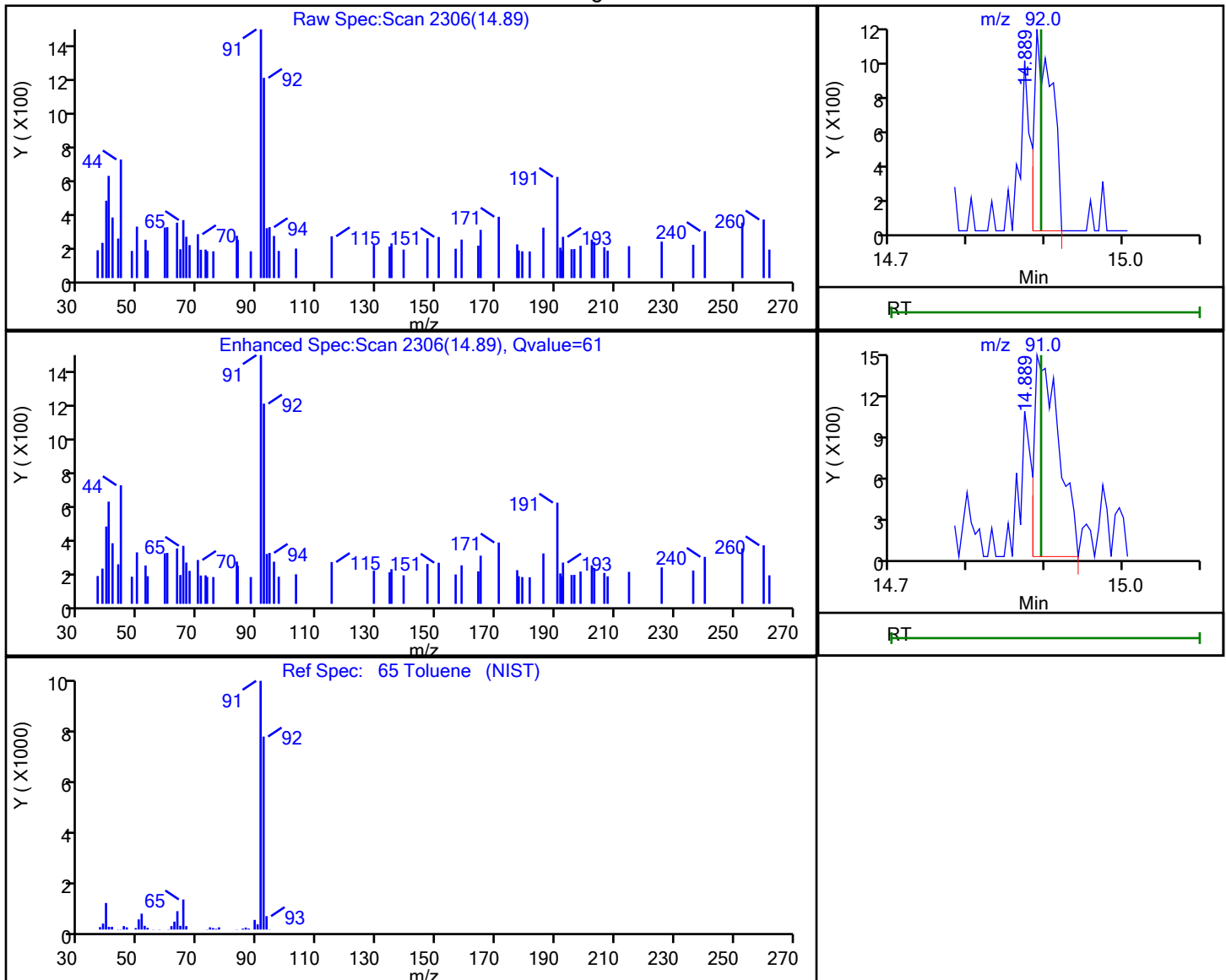
Limit Group: AI\_TO15\_ICAL

Column: RTX-624 ( 0.32 mm)

Detector: MS SCAN

## 65 Toluene, CAS: 108-88-3

## Processing Results



| RT    | Mass  | Response | Amount   |
|-------|-------|----------|----------|
| 14.89 | 92.00 | 1835     | 0.018295 |
| 14.89 | 91.00 | 3151     |          |

Reviewer: puangmaleek, 21-Dec-2020 15:23:21

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 TestAmerica, Burlington Job No.: 200-56451-1 Analy Batch No.: 162223

SDG No.: 200-56451-1

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

Calibration Start Date: 12/17/2020 17:10 Calibration End Date: 12/18/2020 04:03 Calibration ID: 44831

Calibration Files:

|         |                    |              |
|---------|--------------------|--------------|
| LEVEL:  | LAB SAMPLE ID:     | LAB FILE ID: |
| Level 1 | IC 200-162223/2    | 44129-02.D   |
| Level 2 | IC 200-162223/3    | 44129-03.D   |
| Level 3 | IC 200-162223/4    | 44129-04.D   |
| Level 4 | IC 200-162223/5    | 44129-05.D   |
| Level 5 | ICIS 200-162223/14 | 44129-14.D   |
| Level 6 | IC 200-162223/7    | 44129-07.D   |
| Level 7 | IC 200-162223/8    | 44129-08.D   |
| Level 8 | IC 200-162223/9    | 44129-09.D   |

| ANALYTE                       | RRF              |                  |                  |        |        | CURVE TYPE | COEFFICIENT |        |    | # | MIN RRF | %RSD | # | MAX %RSD | R^2 OR COD | # | MIN R^2 OR COD |
|-------------------------------|------------------|------------------|------------------|--------|--------|------------|-------------|--------|----|---|---------|------|---|----------|------------|---|----------------|
|                               | LVL 1            | LVL 2            | LVL 3            | LVL 4  | LVL 5  |            | B           | M1     | M2 |   |         |      |   |          |            |   |                |
|                               | LVL 6            | LVL 7            | LVL 8            |        |        |            |             |        |    |   |         |      |   |          |            |   |                |
| Propylene                     | ++++<br>0.6543   | ++++<br>0.5935   | ++++<br>0.6263   | 0.7307 | 0.6119 | Ave        |             | 0.6433 |    |   |         | 8.3  |   | 30.0     |            |   |                |
| Dichlorodifluoromethane       | ++++<br>3.2907   | ++++<br>2.7684   | 3.8192<br>3.3067 | 3.4745 | 2.6789 | Ave        |             | 3.2231 |    |   |         | 13.4 |   | 30.0     |            |   |                |
| Chlorodifluoromethane         | ++++<br>1.5731   | ++++<br>1.4381   | 1.9807<br>1.4813 | 1.6367 | 1.4461 | Ave        |             | 1.5926 |    |   |         | 12.9 |   | 30.0     |            |   |                |
| 1,2-Dichlorotetrafluoroethane | ++++<br>2.7822   | 3.3828<br>2.5752 | 3.3152<br>2.7458 | 2.8969 | 2.7141 | Ave        |             | 2.9160 |    |   |         | 10.7 |   | 30.0     |            |   |                |
| Chloromethane                 | ++++<br>0.6214   | ++++<br>0.5737   | 0.8410<br>0.6134 | 0.6391 | 0.5971 | Ave        |             | 0.6476 |    |   |         | 15.0 |   | 30.0     |            |   |                |
| n-Butane                      | ++++<br>0.9987   | ++++<br>0.9268   | 1.2599<br>0.9618 | 1.0586 | 0.9642 | Ave        |             | 1.0283 |    |   |         | 11.9 |   | 30.0     |            |   |                |
| Vinyl chloride                | 1.2140<br>0.7327 | 1.0238<br>0.6778 | 0.8129<br>0.7106 | 0.7235 | 0.7305 | Ave        |             | 0.8282 |    |   |         | 23.0 |   | 30.0     |            |   |                |
| 1,3-Butadiene                 | 0.9882<br>0.5412 | 0.7142<br>0.5180 | 0.7114<br>0.5344 | 0.5699 | 0.5289 | Ave        |             | 0.6383 |    |   |         | 25.5 |   | 30.0     |            |   |                |
| Bromomethane                  | ++++<br>0.7844   | 0.9775<br>0.7304 | 1.0171<br>0.7754 | 0.7863 | 0.7749 | Ave        |             | 0.8351 |    |   |         | 13.5 |   | 30.0     |            |   |                |
| Chloroethane                  | ++++<br>0.3241   | ++++<br>0.3019   | 0.4874<br>0.3171 | 0.3494 | 0.3100 | Ave        |             | 0.3483 |    |   |         | 20.1 |   | 30.0     |            |   |                |
| Isopentane                    | ++++<br>0.7430   | 1.0444<br>0.6554 | 1.0465<br>0.6777 | 0.8077 | 0.6454 | Ave        |             | 0.8029 |    |   |         | 21.8 |   | 30.0     |            |   |                |
| Bromoethene (Vinyl Bromide)   | ++++<br>0.8276   | 0.8708<br>0.7485 | 0.8432<br>0.8244 | 0.8844 | 0.8118 | Ave        |             | 0.8301 |    |   |         | 5.3  |   | 30.0     |            |   |                |
| Trichlorofluoromethane        | ++++<br>3.2137   | 3.6741<br>2.9582 | 3.7593<br>3.1649 | 3.3954 | 3.0623 | Ave        |             | 3.3183 |    |   |         | 9.2  |   | 30.0     |            |   |                |
| n-Pentane                     | ++++<br>1.2445   | ++++<br>1.1242   | 1.5155<br>1.1658 | 1.3891 | 1.1066 | Ave        |             | 1.2576 |    |   |         | 13.0 |   | 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 TestAmerica, Burlington Job No.: 200-56451-1 Analy Batch No.: 162223  
SDG No.: 200-56451-1  
Instrument ID: CHC.i GC Column: RTX-624 ID: 0.32 (mm) Heated Purge: (Y/N) N  
Calibration Start Date: 12/17/2020 17:10 Calibration End Date: 12/18/2020 04:03 Calibration ID: 44831

| ANALYTE                          | RRF              |                  |                  |        |        | CURVE<br>TYPE | COEFFICIENT |        |    | # | MIN RRF | %RSD | # | MAX<br>%RSD | R^2<br>OR COD | # | MIN R^2<br>OR COD |
|----------------------------------|------------------|------------------|------------------|--------|--------|---------------|-------------|--------|----|---|---------|------|---|-------------|---------------|---|-------------------|
|                                  | LVL 1<br>LVL 6   | LVL 2<br>LVL 7   | LVL 3<br>LVL 8   | LVL 4  | LVL 5  |               | B           | M1     | M2 |   |         |      |   |             |               |   |                   |
| Ethanol                          | ++++<br>0.3130   | ++++<br>0.2763   | 0.4495<br>0.2859 | 0.4388 | 0.3505 | Ave           |             | 0.3524 |    |   |         | 21.5 |   | 30.0        |               |   |                   |
| Ethyl ether                      | ++++<br>0.5764   | 0.5660<br>0.5083 | 0.7370<br>0.5389 | 0.6041 | 0.5155 | Ave           |             | 0.5780 |    |   |         | 13.5 |   | 30.0        |               |   |                   |
| Acrolein                         | ++++<br>0.2988   | ++++<br>0.2859   | ++++<br>0.3216   | 0.2896 | 0.2827 | Ave           |             | 0.2957 |    |   |         | 5.3  |   | 30.0        |               |   |                   |
| 1,1,2-Trichlorotrifluoroethane   | ++++<br>2.1875   | 2.6434<br>1.9936 | 2.8441<br>2.1447 | 2.3206 | 2.1085 | Ave           |             | 2.3203 |    |   |         | 13.4 |   | 30.0        |               |   |                   |
| 1,1-Dichloroethene               | 0.8485<br>0.9265 | 1.0479<br>0.8459 | 1.0881<br>0.9063 | 0.9703 | 0.9219 | Ave           |             | 0.9444 |    |   |         | 9.2  |   | 30.0        |               |   |                   |
| Acetone                          | ++++<br>1.4204   | ++++<br>1.2192   | ++++<br>1.2975   | 1.5751 | 1.2363 | Ave           |             | 1.3497 |    |   |         | 11.0 |   | 30.0        |               |   |                   |
| Carbon disulfide                 | ++++<br>2.5424   | ++++<br>2.3554   | 3.0970<br>2.5480 | 2.7019 | 2.4255 | Ave           |             | 2.6117 |    |   |         | 10.2 |   | 30.0        |               |   |                   |
| Isopropyl alcohol                | ++++<br>1.2815   | ++++<br>1.1961   | ++++<br>1.2961   | 1.5556 | 1.2348 | Ave           |             | 1.3128 |    |   |         | 10.8 |   | 30.0        |               |   |                   |
| 3-Chloropropene                  | ++++<br>1.1415   | 1.3903<br>1.0389 | 1.3429<br>1.0919 | 1.2251 | 1.0385 | Ave           |             | 1.1813 |    |   |         | 12.1 |   | 30.0        |               |   |                   |
| Acetonitrile                     | ++++<br>0.5523   | ++++<br>0.5190   | ++++<br>0.5384   | 0.6050 | 0.5052 | Ave           |             | 0.5440 |    |   |         | 7.1  |   | 30.0        |               |   |                   |
| Methylene Chloride               | ++++<br>1.0763   | ++++<br>0.9776   | 1.1791<br>1.0096 | 1.1593 | 0.9448 | Ave           |             | 1.0578 |    |   |         | 9.2  |   | 30.0        |               |   |                   |
| tert-Butyl alcohol               | ++++<br>1.8218   | ++++<br>1.6552   | ++++<br>1.8308   | 2.1020 | 1.7078 | Ave           |             | 1.8235 |    |   |         | 9.5  |   | 30.0        |               |   |                   |
| trans-1,2-Dichloroethene         | ++++<br>1.5077   | 1.6219<br>1.3867 | 1.7443<br>1.4616 | 1.6070 | 1.4130 | Ave           |             | 1.5346 |    |   |         | 8.4  |   | 30.0        |               |   |                   |
| Methyl tert-butyl ether          | ++++<br>3.0560   | 3.4812<br>2.6798 | 3.4413<br>2.9328 | 3.1968 | 2.7967 | Ave           |             | 3.0835 |    |   |         | 10.0 |   | 30.0        |               |   |                   |
| Acrylonitrile                    | ++++<br>0.5694   | ++++<br>0.5186   | ++++<br>0.5649   | 0.6166 | 0.5265 | Ave           |             | 0.5592 |    |   |         | 7.0  |   | 30.0        |               |   |                   |
| n-Hexane                         | ++++<br>1.2795   | 1.7029<br>1.1625 | 1.4952<br>1.2233 | 1.3649 | 1.1681 | Ave           |             | 1.3423 |    |   |         | 14.7 |   | 30.0        |               |   |                   |
| 1,1-Dichloroethane               | 2.1600<br>1.7747 | 2.1775<br>1.6158 | 2.1359<br>1.7361 | 1.9111 | 1.6779 | Ave           |             | 1.8986 |    |   |         | 12.2 |   | 30.0        |               |   |                   |
| Vinyl acetate                    | ++++<br>2.5671   | ++++<br>2.2927   | ++++<br>2.4439   | 2.7146 | 1.7278 | Ave           |             | 2.3492 |    |   |         | 16.2 |   | 30.0        |               |   |                   |
| cis-1,2-Dichloroethene           | 1.2284<br>1.1676 | 1.4141<br>1.0787 | 1.5215<br>1.1564 | 1.2667 | 1.1314 | Ave           |             | 1.2456 |    |   |         | 12.1 |   | 30.0        |               |   |                   |
| Methyl Ethyl Ketone (2-Butanone) | ++++<br>0.4999   | ++++<br>0.4283   | 0.5398<br>0.4808 | 0.5026 | 0.4690 | Ave           |             | 0.4867 |    |   |         | 7.7  |   | 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 TestAmerica, Burlington Job No.: 200-56451-1 Analy Batch No.: 162223  
SDG No.: 200-56451-1  
Instrument ID: CHC.i GC Column: RTX-624 ID: 0.32 (mm) Heated Purge: (Y/N) N  
Calibration Start Date: 12/17/2020 17:10 Calibration End Date: 12/18/2020 04:03 Calibration ID: 44831

| ANALYTE                                       | RRF              |                  |                  |        |        | CURVE<br>TYPE | COEFFICIENT |        |    | # | MIN RRF | %RSD | # | MAX<br>%RSD | R^2<br>OR COD | # | MIN R^2<br>OR COD |
|-----------------------------------------------|------------------|------------------|------------------|--------|--------|---------------|-------------|--------|----|---|---------|------|---|-------------|---------------|---|-------------------|
|                                               | LVL 1<br>LVL 6   | LVL 2<br>LVL 7   | LVL 3<br>LVL 8   | LVL 4  | LVL 5  |               | B           | M1     | M2 |   |         |      |   |             |               |   |                   |
| Ethyl acetate                                 | ++++<br>0.0936   | ++++<br>0.0841   | ++++<br>0.0935   | 0.0997 | 0.0886 | Ave           |             | 0.0919 |    |   |         | 6.4  |   | 30.0        |               |   |                   |
| Tetrahydrofuran                               | ++++<br>0.1976   | ++++<br>0.1768   | ++++<br>0.1828   | 0.2162 | 0.1665 | Ave           |             | 0.1880 |    |   |         | 10.3 |   | 30.0        |               |   |                   |
| Chloroform                                    | ++++<br>2.8325   | 3.4204<br>2.5499 | 3.2142<br>2.7784 | 3.0749 | 2.6456 | Ave           |             | 2.9309 |    |   |         | 10.8 |   | 30.0        |               |   |                   |
| 1,1,1-Trichloroethane                         | ++++<br>0.5753   | 0.6752<br>0.5417 | 0.6970<br>0.5758 | 0.6280 | 0.5491 | Ave           |             | 0.6060 |    |   |         | 10.2 |   | 30.0        |               |   |                   |
| Cyclohexane                                   | ++++<br>0.2659   | 0.3067<br>0.2470 | 0.3666<br>0.2617 | 0.2822 | 0.2586 | Ave           |             | 0.2841 |    |   |         | 14.5 |   | 30.0        |               |   |                   |
| Carbon tetrachloride                          | 0.8118<br>0.6639 | 0.6946<br>0.6235 | 0.7297<br>0.6794 | 0.7122 | 0.6199 | Ave           |             | 0.6919 |    |   |         | 9.0  |   | 30.0        |               |   |                   |
| Benzene                                       | ++++<br>0.6579   | 0.7830<br>0.6049 | 0.7531<br>0.6660 | 0.7112 | 0.6426 | Ave           |             | 0.6884 |    |   |         | 9.2  |   | 30.0        |               |   |                   |
| 2,2,4-Trimethylpentane                        | ++++<br>0.9759   | 1.1979<br>0.8951 | 1.1496<br>0.9549 | 1.0644 | 0.9277 | Ave           |             | 1.0236 |    |   |         | 11.3 |   | 30.0        |               |   |                   |
| 1,2-Dichloroethane                            | ++++<br>0.3709   | 0.4109<br>0.3411 | 0.4325<br>0.3591 | 0.3987 | 0.3403 | Ave           |             | 0.3791 |    |   |         | 9.4  |   | 30.0        |               |   |                   |
| n-Heptane                                     | ++++<br>0.3900   | 0.5076<br>0.3545 | 0.5049<br>0.3683 | 0.4334 | 0.3519 | Ave           |             | 0.4158 |    |   |         | 16.3 |   | 30.0        |               |   |                   |
| Trichloroethene                               | 0.3072<br>0.3647 | 0.4756<br>0.3452 | 0.4381<br>0.3846 | 0.3919 | 0.3871 | Ave           |             | 0.3868 |    |   |         | 13.5 |   | 30.0        |               |   |                   |
| n-Butanol                                     | ++++<br>0.1295   | ++++<br>0.1196   | ++++<br>0.1345   | 0.1668 | 0.1361 | Ave           |             | 0.1373 |    |   |         | 12.9 |   | 30.0        |               |   |                   |
| 1,2-Dichloropropane                           | ++++<br>0.2680   | 0.3403<br>0.2479 | 0.3276<br>0.2677 | 0.2932 | 0.2650 | Ave           |             | 0.2871 |    |   |         | 12.1 |   | 30.0        |               |   |                   |
| Methyl methacrylate                           | ++++<br>0.2820   | ++++<br>0.2592   | 0.2900<br>0.2789 | 0.2973 | 0.2697 | Ave           |             | 0.2795 |    |   |         | 4.9  |   | 30.0        |               |   |                   |
| Dibromomethane                                | ++++<br>0.4360   | 0.5079<br>0.4106 | 0.4948<br>0.4523 | 0.4572 | 0.4463 | Ave           |             | 0.4579 |    |   |         | 7.3  |   | 30.0        |               |   |                   |
| 1,4-Dioxane                                   | ++++<br>0.1465   | ++++<br>0.1308   | ++++<br>0.1442   | 0.1717 | 0.1539 | Ave           |             | 0.1494 |    |   |         | 10.0 |   | 30.0        |               |   |                   |
| Bromodichloromethane                          | ++++<br>0.6758   | 0.7480<br>0.6269 | 0.7537<br>0.6825 | 0.7114 | 0.6364 | Ave           |             | 0.6907 |    |   |         | 7.2  |   | 30.0        |               |   |                   |
| cis-1,3-Dichloropropene                       | ++++<br>0.5601   | 0.6607<br>0.5262 | 0.6085<br>0.5747 | 0.5806 | 0.5438 | Ave           |             | 0.5792 |    |   |         | 7.7  |   | 30.0        |               |   |                   |
| 4-Methyl-2-pentanone (Methyl isobutyl ketone) | ++++<br>0.6878   | ++++<br>0.6065   | 0.7794<br>0.6565 | 0.7315 | 0.5997 | Ave           |             | 0.6769 |    |   |         | 10.4 |   | 30.0        |               |   |                   |
| Toluene                                       | ++++<br>0.5877   | 0.6060<br>0.5467 | 0.7046<br>0.5950 | 0.6177 | 0.5794 | Ave           |             | 0.6053 |    |   |         | 8.1  |   | 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 TestAmerica, Burlington Job No.: 200-56451-1 Analy Batch No.: 162223  
SDG No.: 200-56451-1  
Instrument ID: CHC.i GC Column: RTX-624 ID: 0.32 (mm) Heated Purge: (Y/N) N  
Calibration Start Date: 12/17/2020 17:10 Calibration End Date: 12/18/2020 04:03 Calibration ID: 44831

| ANALYTE                          | RRF              |                  |                  |        |        | CURVE<br>TYPE | COEFFICIENT |        |    | # | MIN RRF | %RSD | # | MAX<br>%RSD | R^2<br>OR COD | # | MIN R^2<br>OR COD |
|----------------------------------|------------------|------------------|------------------|--------|--------|---------------|-------------|--------|----|---|---------|------|---|-------------|---------------|---|-------------------|
|                                  | LVL 1<br>LVL 6   | LVL 2<br>LVL 7   | LVL 3<br>LVL 8   | LVL 4  | LVL 5  |               | B           | M1     | M2 |   |         |      |   |             |               |   |                   |
| n-Octane                         | ++++<br>0.7177   | 0.8538<br>0.6480 | 0.8732<br>0.6824 | 0.7944 | 0.6678 | Ave           |             | 0.7482 |    |   |         | 12.3 |   | 30.0        |               |   |                   |
| trans-1,3-Dichloropropene        | ++++<br>0.5436   | 0.5972<br>0.5155 | 0.5654<br>0.5735 | 0.5511 | 0.5285 | Ave           |             | 0.5536 |    |   |         | 5.0  |   | 30.0        |               |   |                   |
| 1,1,2-Trichloroethane            | ++++<br>0.2705   | 0.3328<br>0.2483 | 0.3242<br>0.2682 | 0.2851 | 0.2650 | Ave           |             | 0.2849 |    |   |         | 11.2 |   | 30.0        |               |   |                   |
| Tetrachloroethene                | 0.9407<br>0.5784 | 0.6473<br>0.5492 | 0.6697<br>0.5962 | 0.6053 | 0.5762 | Ave           |             | 0.6454 |    |   |         | 19.5 |   | 30.0        |               |   |                   |
| Methyl Butyl Ketone (2-Hexanone) | ++++<br>0.5892   | ++++<br>0.5223   | 0.7878<br>0.5651 | 0.6120 | 0.5102 | Ave           |             | 0.5978 |    |   |         | 16.9 |   | 30.0        |               |   |                   |
| Dibromochloromethane             | ++++<br>0.7724   | 0.5057<br>0.7198 | 0.7841<br>0.7558 | 0.7797 | 0.7030 | Ave           |             | 0.7172 |    |   |         | 13.7 |   | 30.0        |               |   |                   |
| 1,2-Dibromoethane                | ++++<br>0.5401   | 0.5664<br>0.5108 | 0.6107<br>0.5622 | 0.5722 | 0.5252 | Ave           |             | 0.5554 |    |   |         | 6.0  |   | 30.0        |               |   |                   |
| Chlorobenzene                    | ++++<br>0.8296   | 0.9768<br>0.7858 | 0.9501<br>0.8558 | 0.8769 | 0.8303 | Ave           |             | 0.8722 |    |   |         | 7.9  |   | 30.0        |               |   |                   |
| Ethylbenzene                     | ++++<br>1.4190   | 1.5055<br>1.3380 | 1.6091<br>1.4656 | 1.5077 | 1.3976 | Ave           |             | 1.4632 |    |   |         | 6.0  |   | 30.0        |               |   |                   |
| n-Nonane                         | ++++<br>0.6388   | 0.8030<br>0.5821 | 0.7457<br>0.5918 | 0.6876 | 0.6083 | Ave           |             | 0.6653 |    |   |         | 12.6 |   | 30.0        |               |   |                   |
| m,p-Xylene                       | ++++<br>0.5456   | ++++<br>0.5100   | 0.6059<br>0.5424 | 0.5774 | 0.5361 | Ave           |             | 0.5529 |    |   |         | 6.1  |   | 30.0        |               |   |                   |
| o-Xylene                         | ++++<br>0.5315   | 0.5819<br>0.4985 | 0.5983<br>0.5411 | 0.5538 | 0.5318 | Ave           |             | 0.5481 |    |   |         | 6.1  |   | 30.0        |               |   |                   |
| Styrene                          | ++++<br>0.8873   | 0.7426<br>0.8476 | 0.7974<br>0.9347 | 0.9034 | 0.8650 | Ave           |             | 0.8540 |    |   |         | 7.7  |   | 30.0        |               |   |                   |
| Bromoform                        | ++++<br>0.8202   | 0.2442<br>0.7615 | 0.6881<br>0.7093 | 0.8097 | 0.6443 | Ave           |             | 0.6682 |    |   |         | 29.6 |   | 30.0        |               |   |                   |
| Cumene                           | ++++<br>1.6855   | 1.7173<br>1.5767 | 1.8527<br>1.7438 | 1.7260 | 1.6366 | Ave           |             | 1.7055 |    |   |         | 5.1  |   | 30.0        |               |   |                   |
| 1,1,2,2-Tetrachloroethane        | ++++<br>0.7633   | 0.8867<br>0.7110 | 0.8364<br>0.7415 | 0.7856 | 0.7148 | Ave           |             | 0.7770 |    |   |         | 8.4  |   | 30.0        |               |   |                   |
| 1,2,3-Trichloropropane           | ++++<br>0.6376   | ++++<br>0.5972   | 0.7401<br>0.6182 | 0.6735 | 0.6175 | Ave           |             | 0.6473 |    |   |         | 8.1  |   | 30.0        |               |   |                   |
| n-Propylbenzene                  | ++++<br>1.9743   | 2.1407<br>1.8589 | 2.2260<br>1.9907 | 2.0637 | 1.9099 | Ave           |             | 2.0234 |    |   |         | 6.4  |   | 30.0        |               |   |                   |
| 2-Chlorotoluene                  | ++++<br>1.4485   | 1.4757<br>1.3437 | 1.6647<br>1.4360 | 1.4840 | 1.3780 | Ave           |             | 1.4615 |    |   |         | 7.0  |   | 30.0        |               |   |                   |
| 4-Ethyltoluene                   | ++++<br>1.7277   | 1.6967<br>1.6268 | 1.8093<br>1.7508 | 1.7849 | 1.6677 | Ave           |             | 1.7234 |    |   |         | 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 TestAmerica, Burlington Job No.: 200-56451-1 Analy Batch No.: 162223  
SDG No.: 200-56451-1  
Instrument ID: CHC.i GC Column: RTX-624 ID: 0.32 (mm) Heated Purge: (Y/N) N  
Calibration Start Date: 12/17/2020 17:10 Calibration End Date: 12/18/2020 04:03 Calibration ID: 44831

| ANALYTE                | RRF            |                  |                  |        |        | CURVE<br>TYPE | COEFFICIENT |        |    | # | MIN RRF | %RSD | # | MAX<br>%RSD | R^2<br>OR COD | # | MIN R^2<br>OR COD |
|------------------------|----------------|------------------|------------------|--------|--------|---------------|-------------|--------|----|---|---------|------|---|-------------|---------------|---|-------------------|
|                        | LVL 1<br>LVL 6 | LVL 2<br>LVL 7   | LVL 3<br>LVL 8   | LVL 4  | LVL 5  |               | B           | M1     | M2 |   |         |      |   |             |               |   |                   |
| n-Decane               | ++++<br>0.8667 | ++++<br>0.8057   | 1.0170<br>0.8309 | 0.9457 | 0.8207 | Ave           |             | 0.8811 |    |   |         | 9.5  |   | 30.0        |               |   |                   |
| 1,3,5-Trimethylbenzene | ++++<br>1.4957 | 1.6164<br>1.4073 | 1.5962<br>1.5389 | 1.5494 | 1.4145 | Ave           |             | 1.5169 |    |   |         | 5.4  |   | 30.0        |               |   |                   |
| Alpha Methyl Styrene   | ++++<br>0.7593 | 0.6350<br>0.7352 | 0.6803<br>0.8057 | 0.7548 | 0.7261 | Ave           |             | 0.7281 |    |   |         | 7.7  |   | 30.0        |               |   |                   |
| tert-Butylbenzene      | ++++<br>1.4806 | 1.6711<br>1.3887 | 1.5978<br>1.5087 | 1.5147 | 1.3997 | Ave           |             | 1.5088 |    |   |         | 6.7  |   | 30.0        |               |   |                   |
| 1,2,4-Trimethylbenzene | ++++<br>1.5095 | 1.4510<br>1.4480 | 1.5965<br>1.5666 | 1.5601 | 1.4432 | Ave           |             | 1.5107 |    |   |         | 4.3  |   | 30.0        |               |   |                   |
| sec-Butylbenzene       | ++++<br>2.1855 | 2.1813<br>2.0612 | 2.2771<br>2.1945 | 2.1967 | 2.0701 | Ave           |             | 2.1666 |    |   |         | 3.5  |   | 30.0        |               |   |                   |
| 4-Isopropyltoluene     | ++++<br>1.9208 | 1.9739<br>1.8087 | 2.0349<br>1.8732 | 1.9439 | 1.8200 | Ave           |             | 1.9108 |    |   |         | 4.3  |   | 30.0        |               |   |                   |
| 1,3-Dichlorobenzene    | ++++<br>1.0279 | 1.1049<br>1.0010 | 1.0502<br>1.0560 | 1.0792 | 0.9897 | Ave           |             | 1.0441 |    |   |         | 3.9  |   | 30.0        |               |   |                   |
| 1,4-Dichlorobenzene    | ++++<br>1.0546 | 1.0758<br>1.0562 | 1.0038<br>1.1665 | 1.0697 | 1.0248 | Ave           |             | 1.0645 |    |   |         | 4.8  |   | 30.0        |               |   |                   |
| Benzyl chloride        | ++++<br>1.1224 | 1.1320<br>1.1571 | 1.0531<br>1.3415 | 1.0678 | 1.1202 | Ave           |             | 1.1420 |    |   |         | 8.3  |   | 30.0        |               |   |                   |
| n-Butylbenzene         | ++++<br>1.7441 | 1.6349<br>1.6805 | 1.6989<br>1.7751 | 1.7464 | 1.6544 | Ave           |             | 1.7049 |    |   |         | 3.1  |   | 30.0        |               |   |                   |
| n-Undecane             | ++++<br>0.9826 | ++++<br>0.9177   | ++++<br>0.8860   | 1.0549 | 0.9268 | Ave           |             | 0.9536 |    |   |         | 7.0  |   | 30.0        |               |   |                   |
| 1,2-Dichlorobenzene    | ++++<br>1.0169 | 1.1005<br>0.9938 | 1.0049<br>1.0421 | 1.0513 | 0.9885 | Ave           |             | 1.0283 |    |   |         | 3.8  |   | 30.0        |               |   |                   |
| n-Dodecane             | ++++<br>1.1275 | ++++<br>1.1283   | ++++<br>1.1347   | 1.0407 | 1.0065 | Ave           |             | 1.0875 |    |   |         | 5.5  |   | 30.0        |               |   |                   |
| 1,2,4-Trichlorobenzene | ++++<br>0.9339 | ++++<br>1.0502   | 0.6284<br>1.1460 | 0.9009 | 0.9120 | Ave           |             | 0.9286 |    |   |         | 18.9 |   | 30.0        |               |   |                   |
| Hexachlorobutadiene    | ++++<br>1.2613 | 1.2404<br>1.2033 | 1.1772<br>1.3109 | 1.2163 | 1.1213 | Ave           |             | 1.2187 |    |   |         | 5.0  |   | 30.0        |               |   |                   |
| Naphthalene            | ++++<br>1.7250 | ++++<br>2.1782   | 0.9043<br>2.4304 | 1.6475 | 1.8369 | Ave           |             | 1.7870 |    |   |         | 29.3 |   | 30.0        |               |   |                   |
| 1,2,3-Trichlorobenzene | ++++<br>0.9749 | ++++<br>1.0699   | 0.6327<br>1.1894 | 0.8750 | 0.9455 | Ave           |             | 0.9479 |    |   |         | 19.9 |   | 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  
RESPONSE AND CONCENTRATION

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-56451-1 Analy Batch No.: 162223

SDG No.: 200-56451-1

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

Calibration Start Date: 12/17/2020 17:10 Calibration End Date: 12/18/2020 04:03 Calibration ID: 44831

Calibration Files:

| LEVEL:  | LAB SAMPLE ID:     | LAB FILE ID: |
|---------|--------------------|--------------|
| Level 1 | IC 200-162223/2    | 44129-02.D   |
| Level 2 | IC 200-162223/3    | 44129-03.D   |
| Level 3 | IC 200-162223/4    | 44129-04.D   |
| Level 4 | IC 200-162223/5    | 44129-05.D   |
| Level 5 | ICIS 200-162223/14 | 44129-14.D   |
| Level 6 | IC 200-162223/7    | 44129-07.D   |
| Level 7 | IC 200-162223/8    | 44129-08.D   |
| Level 8 | IC 200-162223/9    | 44129-09.D   |

| ANALYTE                       | IS REF | CURVE TYPE | RESPONSE       |                  |                  |        |        | CONCENTRATION (PPB V/V) |                |                |       |       |
|-------------------------------|--------|------------|----------------|------------------|------------------|--------|--------|-------------------------|----------------|----------------|-------|-------|
|                               |        |            | LVL 1<br>LVL 6 | LVL 2<br>LVL 7   | LVL 3<br>LVL 8   | LVL 4  | LVL 5  | LVL 1<br>LVL 6          | LVL 2<br>LVL 7 | LVL 3<br>LVL 8 | LVL 4 | LVL 5 |
| Propylene                     | BCM    | Ave        | ++++<br>180778 | ++++<br>246414   | ++++<br>570365   | 57114  | 163768 | ++++<br>15.5            | ++++<br>20.6   | ++++<br>41.3   | 4.64  | 10.3  |
| Dichlorodifluoromethane       | BCM    | Ave        | ++++<br>919711 | ++++<br>1162826  | 28827<br>3046506 | 274741 | 725363 | ++++<br>15.7            | ++++<br>20.9   | 0.470<br>41.8  | 4.69  | 10.4  |
| Chlorodifluoromethane         | BCM    | Ave        | ++++<br>441343 | ++++<br>606345   | 15007<br>1369989 | 129913 | 393040 | ++++<br>15.7            | ++++<br>21.0   | 0.472<br>41.9  | 4.71  | 10.5  |
| 1,2-Dichlorotetrafluoroethane | BCM    | Ave        | ++++<br>775346 | 10203<br>1078564 | 24951<br>2522508 | 228409 | 732756 | ++++<br>15.6            | 0.188<br>20.8  | 0.469<br>41.6  | 4.68  | 10.4  |
| Chloromethane                 | BCM    | Ave        | ++++<br>181648 | ++++<br>252032   | 6640<br>591141   | 52857  | 169100 | ++++<br>16.4            | ++++<br>21.8   | 0.492<br>43.7  | 4.91  | 10.9  |
| n-Butane                      | BCM    | Ave        | ++++<br>276986 | ++++<br>386306   | 9437<br>879311   | 83067  | 259080 | ++++<br>15.5            | ++++<br>20.7   | 0.467<br>41.4  | 4.66  | 10.4  |
| Vinyl chloride                | BCM    | Ave        | 671<br>203785  | 3082<br>283344   | 6106<br>651527   | 56939  | 196857 | 0.0364<br>15.6          | 0.187<br>20.8  | 0.468<br>41.6  | 4.67  | 10.4  |
| 1,3-Butadiene                 | BCM    | Ave        | 532<br>146631  | 2094<br>210924   | 5205<br>477296   | 43680  | 138812 | 0.0355<br>15.2          | 0.183<br>20.2  | 0.456<br>40.5  | 4.55  | 10.1  |
| Bromomethane                  | BCM    | Ave        | ++++<br>216504 | 2920<br>302956   | 7581<br>705524   | 61400  | 207196 | ++++<br>15.5            | 0.186<br>20.6  | 0.464<br>41.2  | 4.63  | 10.3  |
| Chloroethane                  | BCM    | Ave        | ++++<br>90148  | ++++<br>126213   | 3661<br>290770   | 27494  | 83541  | ++++<br>15.6            | ++++<br>20.8   | 0.468<br>41.6  | 4.67  | 10.4  |
| Isopentane                    | BCM    | Ave        | ++++<br>207657 | 3159<br>275273   | 7899<br>624423   | 63869  | 174761 | ++++<br>15.7            | 0.188<br>20.9  | 0.470<br>41.8  | 4.69  | 10.4  |
| Bromoethene (Vinyl Bromide)   | BCM    | Ave        | ++++<br>230873 | 2629<br>313801   | 6352<br>758127   | 69802  | 219378 | ++++<br>15.6            | 0.188<br>20.8  | 0.469<br>41.7  | 4.68  | 10.4  |
| Trichlorofluoromethane        | BCM    | Ave        | ++++<br>908503 | 11241<br>1256809 | 28701<br>2949381 | 271574 | 838685 | ++++<br>15.8            | 0.190<br>21.1  | 0.476<br>42.2  | 4.74  | 10.6  |
| n-Pentane                     | BCM    | Ave        | ++++<br>337483 | ++++<br>458188   | 11099<br>1042176 | 106581 | 290740 | ++++<br>15.2            | ++++<br>20.3   | 0.456<br>40.5  | 4.55  | 10.1  |
| Ethanol                       | BCM    | Ave        | ++++<br>111969 | ++++<br>222385   | 32541<br>630828  | 66520  | 136420 | ++++<br>20.0            | ++++<br>40.0   | 4.51<br>100.0  | 8.99  | 15.0  |

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

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-56451-1 Analy Batch No.: 162223

SDG No.: 200-56451-1

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

Calibration Start Date: 12/17/2020 17:10 Calibration End Date: 12/18/2020 04:03 Calibration ID: 44831

| ANALYTE                          | IS REF | CURVE TYPE | RESPONSE       |                  |                  |        |        | CONCENTRATION (PPB V/V) |                |                       |       |       |
|----------------------------------|--------|------------|----------------|------------------|------------------|--------|--------|-------------------------|----------------|-----------------------|-------|-------|
|                                  |        |            | LVL 1<br>LVL 6 | LVL 2<br>LVL 7   | LVL 3<br>LVL 8   | LVL 4  | LVL 5  | LVL 1<br>LVL 6          | LVL 2<br>LVL 7 | LVL 3<br>LVL 8        | LVL 4 | LVL 5 |
| Ethyl ether                      | BCM    | Ave        | ++++<br>155553 | 1653<br>206157   | 5371<br>479417   | 46118  | 134754 | ++++<br>15.1            | 0.182<br>20.2  | 0.454<br>40.3         | 4.53  | 10.1  |
| Acrolein                         | BCM    | Ave        | ++++<br>77762  | ++++<br>111797   | ++++<br>275871   | 21323  | 71255  | ++++<br>14.6            | ++++<br>19.4   | ++++<br>38.9          | 4.37  | 9.72  |
| 1,1,2-Trichlorotrifluoroethane   | BCM    | Ave        | ++++<br>614295 | 8034<br>841378   | 21570<br>1985422 | 184374 | 573631 | ++++<br>15.7            | 0.189<br>21.0  | 0.472<br>42.0         | 4.71  | 10.5  |
| 1,1-Dichloroethene               | BCM    | Ave        | 464<br>254978  | 3121<br>349876   | 8087<br>822167   | 75546  | 245795 | 0.0361<br>15.4          | 0.185<br>20.6  | 0.463<br>41.1         | 4.62  | 10.3  |
| Acetone                          | BCM    | Ave        | ++++<br>389383 | ++++<br>502313   | ++++<br>1172516  | 122161 | 328332 | ++++<br>15.4            | ++++<br>20.5   | ++++<br>41.0          | 4.60  | 10.2  |
| Carbon disulfide                 | BCM    | Ave        | ++++<br>691520 | ++++<br>962824   | ++++<br>2284567  | 207914 | 639115 | ++++<br>15.2            | ++++<br>20.3   | ++++<br>0.458<br>40.6 | 4.57  | 10.2  |
| Isopropyl alcohol                | BCM    | Ave        | ++++<br>350626 | ++++<br>491798   | ++++<br>1168936  | 120417 | 327288 | ++++<br>15.3            | ++++<br>20.4   | ++++<br>40.9          | 4.59  | 10.2  |
| 3-Chloropropene                  | BCM    | Ave        | ++++<br>325442 | 4290<br>445167   | 10340<br>1026266 | 98820  | 286839 | ++++<br>16.0            | 0.192<br>21.3  | 0.480<br>42.6         | 4.79  | 10.6  |
| Acetonitrile                     | BCM    | Ave        | ++++<br>146372 | ++++<br>206732   | ++++<br>470422   | 45362  | 129726 | ++++<br>14.9            | ++++<br>19.8   | ++++<br>39.6          | 4.45  | 9.90  |
| Methylene Chloride               | BCM    | Ave        | ++++<br>296211 | ++++<br>404330   | 8763<br>915876   | 90261  | 251898 | ++++<br>15.4            | ++++<br>20.6   | 0.463<br>41.1         | 4.62  | 10.3  |
| tert-Butyl alcohol               | BCM    | Ave        | ++++<br>525760 | ++++<br>717893   | ++++<br>1741697  | 171624 | 477467 | ++++<br>16.2            | ++++<br>21.6   | ++++<br>43.1          | 4.84  | 10.8  |
| trans-1,2-Dichloroethene         | BCM    | Ave        | ++++<br>411704 | 4793<br>569067   | 12863<br>1315631 | 124152 | 373791 | ++++<br>15.3            | 0.184<br>20.4  | 0.459<br>40.8         | 4.58  | 10.2  |
| Methyl tert-butyl ether          | BCM    | Ave        | ++++<br>854941 | 10540<br>1126695 | 25999<br>2704654 | 253023 | 757969 | ++++<br>15.7            | 0.189<br>20.9  | 0.471<br>41.8         | 4.70  | 10.4  |
| Acrylonitrile                    | BCM    | Ave        | ++++<br>154096 | ++++<br>210953   | ++++<br>504011   | 47218  | 138042 | ++++<br>15.2            | ++++<br>20.2   | ++++<br>40.4          | 4.54  | 10.1  |
| n-Hexane                         | BCM    | Ave        | ++++<br>362748 | 5225<br>495303   | 11448<br>1143235 | 109474 | 320816 | ++++<br>15.9            | 0.191<br>21.2  | 0.477<br>42.4         | 4.76  | 10.6  |
| 1,1-Dichloroethane               | BCM    | Ave        | 1149<br>475112 | 6309<br>650075   | 15442<br>1532059 | 144745 | 435164 | 0.0351<br>15.0          | 0.180<br>20.0  | 0.450<br>40.0         | 4.49  | 10.00 |
| Vinyl acetate                    | BCM    | Ave        | ++++<br>714022 | ++++<br>958387   | ++++<br>2240794  | 213625 | 465594 | ++++<br>15.6            | ++++<br>20.8   | ++++<br>41.6          | 4.67  | 10.4  |
| cis-1,2-Dichloroethene           | BCM    | Ave        | 660<br>315708  | 4138<br>438351   | 11110<br>1030728 | 96901  | 296356 | 0.0354<br>15.2          | 0.182<br>20.2  | 0.455<br>40.4         | 4.54  | 10.1  |
| Methyl Ethyl Ketone (2-Butanone) | BCM    | Ave        | ++++<br>138373 | ++++<br>178157   | 4035<br>438752   | 39362  | 125774 | ++++<br>15.5            | ++++<br>20.7   | 0.466<br>41.4         | 4.65  | 10.3  |
| Ethyl acetate                    | BCM    | Ave        | ++++<br>25395  | ++++<br>34275    | ++++<br>83577    | 7646   | 23282  | ++++<br>15.2            | ++++<br>20.3   | ++++<br>40.5          | 4.55  | 10.1  |
| Tetrahydrofuran                  | DFBZ   | Ave        | ++++<br>307930 | ++++<br>402856   | ++++<br>926124   | 93195  | 248961 | ++++<br>15.0            | ++++<br>20.0   | ++++<br>40.0          | 4.49  | 9.99  |

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

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-56451-1 Analy Batch No.: 162223

SDG No.: 200-56451-1

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

Calibration Start Date: 12/17/2020 17:10 Calibration End Date: 12/18/2020 04:03 Calibration ID: 44831

| ANALYTE                                       | IS REF     | CURVE TYPE | RESPONSE        |                  |                  |        |         | CONCENTRATION (PPB V/V) |                |                |       |       |
|-----------------------------------------------|------------|------------|-----------------|------------------|------------------|--------|---------|-------------------------|----------------|----------------|-------|-------|
|                                               |            |            | LVL 1<br>LVL 6  | LVL 2<br>LVL 7   | LVL 3<br>LVL 8   | LVL 4  | LVL 5   | LVL 1<br>LVL 6          | LVL 2<br>LVL 7 | LVL 3<br>LVL 8 | LVL 4 | LVL 5 |
| Chloroform                                    | BCM        | Ave        | ++++<br>765872  | 10009<br>1036173 | 23470<br>2476475 | 235223 | 693013  | ++++<br>15.2            | 0.182<br>20.2  | 0.455<br>40.4  | 4.54  | 10.1  |
| 1,1,1-Trichloroethane                         | DFBZ       | Ave        | ++++<br>914627  | 11163<br>1258762 | 29618<br>2975084 | 276107 | 837731  | ++++<br>15.3            | 0.184<br>20.4  | 0.459<br>40.8  | 4.58  | 10.2  |
| Cyclohexane                                   | DFBZ       | Ave        | ++++<br>421049  | 5050<br>571634   | 15515<br>1346987 | 123579 | 392926  | ++++<br>15.2            | 0.183<br>20.3  | 0.457<br>40.6  | 4.56  | 10.1  |
| Carbon tetrachloride                          | DFBZ       | Ave        | 2499<br>1052315 | 11449<br>1444476 | 30917<br>3499588 | 312218 | 942902  | 0.0356<br>15.2          | 0.183<br>20.3  | 0.458<br>40.6  | 4.57  | 10.2  |
| Benzene                                       | DFBZ       | Ave        | ++++<br>1060299 | 13123<br>1424816 | 32443<br>3487980 | 316996 | 993763  | ++++<br>15.5            | 0.186<br>20.7  | 0.465<br>41.3  | 4.64  | 10.3  |
| 2,2,4-Trimethylpentane                        | DFBZ       | Ave        | ++++<br>1594091 | 20348<br>2137077 | 50192<br>5069260 | 480852 | 1454090 | ++++<br>15.7            | 0.189<br>20.9  | 0.472<br>41.9  | 4.70  | 10.5  |
| 1,2-Dichloroethane                            | DFBZ       | Ave        | ++++<br>599493  | 6906<br>805948   | 18687<br>1886165 | 178203 | 527765  | ++++<br>15.5            | 0.187<br>20.7  | 0.467<br>41.4  | 4.66  | 10.4  |
| n-Heptane                                     | DFBZ       | Ave        | ++++<br>639446  | 8655<br>849648   | 22130<br>1962731 | 196527 | 553665  | ++++<br>15.8            | 0.190<br>21.0  | 0.473<br>42.0  | 4.72  | 10.5  |
| Trichloroethene                               | DFBZ       | Ave        | 980<br>599067   | 8125<br>828849   | 19236<br>2053518 | 178060 | 610214  | 0.0369<br>15.8          | 0.190<br>21.1  | 0.474<br>42.1  | 4.73  | 10.5  |
| n-Butanol                                     | DFBZ       | Ave        | ++++<br>192962  | ++++<br>260374   | ++++<br>651487   | 68731  | 194557  | ++++<br>14.3            | ++++<br>19.1   | ++++<br>38.2   | 4.29  | 9.55  |
| 1,2-Dichloropropane                           | DFBZ       | Ave        | ++++<br>431099  | 5692<br>582789   | 14085<br>1399369 | 130421 | 409100  | ++++<br>15.5            | 0.186<br>20.6  | 0.464<br>41.2  | 4.63  | 10.3  |
| Methyl methacrylate                           | DFBZ       | Ave        | ++++<br>446922  | ++++<br>600543   | 12287<br>1436640 | 130314 | 410166  | ++++<br>15.2            | ++++<br>20.3   | 0.458<br>40.6  | 4.57  | 10.2  |
| Dibromomethane                                | DFBZ       | Ave        | ++++<br>700633  | 8487<br>964420   | 21254<br>2362220 | 203185 | 688128  | ++++<br>15.5            | 0.186<br>20.6  | 0.464<br>41.2  | 4.63  | 10.3  |
| 1,4-Dioxane                                   | DFBZ       | Ave        | ++++<br>241811  | ++++<br>315640   | ++++<br>773514   | 78368  | 243732  | ++++<br>15.9            | ++++<br>21.2   | ++++<br>42.3   | 4.75  | 10.6  |
| Bromodichloromethane                          | DFBZ       | Ave        | ++++<br>1114447 | 12827<br>1511035 | 33224<br>3657475 | 324452 | 1007039 | ++++<br>15.9            | 0.191<br>21.1  | 0.476<br>42.3  | 4.75  | 10.6  |
| cis-1,3-Dichloropropene                       | DFBZ       | Ave        | ++++<br>907956  | 11137<br>1246763 | 26364<br>3027262 | 260293 | 845910  | ++++<br>15.6            | 0.187<br>20.8  | 0.468<br>41.6  | 4.67  | 10.4  |
| 4-Methyl-2-pentanone (Methyl isobutyl ketone) | DFBZ       | Ave        | ++++<br>1098836 | ++++<br>1416300  | 33282<br>3408478 | 323205 | 919369  | ++++<br>15.4            | ++++<br>20.5   | 0.461<br>41.0  | 4.60  | 10.2  |
| Toluene                                       | CBNzd<br>5 | Ave        | ++++<br>1059889 | 11317<br>1431873 | 33407<br>3561939 | 308215 | 1017272 | ++++<br>15.2            | 0.183<br>20.3  | 0.458<br>40.6  | 4.57  | 10.2  |
| n-Octane                                      | DFBZ       | Ave        | ++++<br>1156682 | 14310<br>1526342 | 37614<br>3574099 | 354074 | 1032761 | ++++<br>15.5            | 0.186<br>20.7  | 0.465<br>41.3  | 4.64  | 10.3  |
| trans-1,3-Dichloropropene                     | DFBZ       | Ave        | ++++<br>837962  | 9573<br>1161316  | 23296<br>2872994 | 234924 | 781747  | ++++<br>14.8            | 0.178<br>19.8  | 0.445<br>39.5  | 4.44  | 9.88  |

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

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-56451-1 Analy Batch No.: 162223

SDG No.: 200-56451-1

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

Calibration Start Date: 12/17/2020 17:10 Calibration End Date: 12/18/2020 04:03 Calibration ID: 44831

| ANALYTE                          | IS REF  | CURVE TYPE | RESPONSE       |                |                |        |         | CONCENTRATION (PPB V/V) |                |                |       |       |
|----------------------------------|---------|------------|----------------|----------------|----------------|--------|---------|-------------------------|----------------|----------------|-------|-------|
|                                  |         |            | LVL 1<br>LVL 6 | LVL 2<br>LVL 7 | LVL 3<br>LVL 8 | LVL 4  | LVL 5   | LVL 1<br>LVL 6          | LVL 2<br>LVL 7 | LVL 3<br>LVL 8 | LVL 4 | LVL 5 |
| 1,1,2-Trichloroethane            | CBNZd 5 | Ave        | +++++          | 6411           | 15858          | 146750 | 479905  | +++++                   | 0.189          | 0.472          | 4.71  | 10.5  |
|                                  |         |            | 503219         | 670854         | 1656418        |        |         | 15.7                    | 21.0           | 41.9           |       |       |
| Tetrachloroethene                | CBNZd 5 | Ave        | 3337           | 12493          | 32815          | 312122 | 1045518 | 0.0368                  | 0.189          | 0.473          | 4.72  | 10.5  |
|                                  |         |            | 1078092        | 1486687        | 3688908        |        |         | 15.8                    | 21.0           | 42.0           |       |       |
| Methyl Butyl Ketone (2-Hexanone) | CBNZd 5 | Ave        | +++++          | +++++          | 36731          | 300248 | 880790  | +++++                   | +++++          | 0.450          | 4.49  | 9.99  |
|                                  |         |            | 1044842        | 1344991        | 3326349        |        |         | 15.0                    | 20.0           | 40.0           |       |       |
| Dibromochloromethane             | CBNZd 5 | Ave        | +++++          | 8998           | 35423          | 370674 | 1175940 | +++++                   | 0.175          | 0.436          | 4.35  | 9.68  |
|                                  |         |            | 1327169        | 1796356        | 4311135        |        |         | 14.5                    | 19.4           | 38.7           |       |       |
| 1,2-Dibromoethane                | CBNZd 5 | Ave        | +++++          | 11045          | 30241          | 298141 | 963012  | +++++                   | 0.191          | 0.478          | 4.77  | 10.6  |
|                                  |         |            | 1017209        | 1397017        | 3515060        |        |         | 15.9                    | 21.2           | 42.4           |       |       |
| Chlorobenzene                    | CBNZd 5 | Ave        | +++++          | 18833          | 46514          | 451782 | 1505037 | +++++                   | 0.189          | 0.472          | 4.71  | 10.5  |
|                                  |         |            | 1544744        | 2124884        | 5289935        |        |         | 15.7                    | 21.0           | 42.0           |       |       |
| Ethylbenzene                     | CBNZd 5 | Ave        | +++++          | 28280          | 76745          | 756765 | 2468234 | +++++                   | 0.184          | 0.460          | 4.59  | 10.2  |
|                                  |         |            | 2574216        | 3525202        | 8826570        |        |         | 15.3                    | 20.4           | 40.9           |       |       |
| n-Nonane                         | CBNZd 5 | Ave        | +++++          | 15468          | 36469          | 353908 | 1101692 | +++++                   | 0.189          | 0.472          | 4.71  | 10.5  |
|                                  |         |            | 1188372        | 1572674        | 3654489        |        |         | 15.7                    | 21.0           | 41.9           |       |       |
| m,p-Xylene                       | CBNZd 5 | Ave        | +++++          | +++++          | 58139          | 583063 | 1904760 | +++++                   | +++++          | 0.926          | 9.24  | 20.6  |
|                                  |         |            | 1991078        | 2703125        | 6571179        |        |         | 30.8                    | 41.1           | 82.2           |       |       |
| o-Xylene                         | CBNZd 5 | Ave        | +++++          | 11081          | 28928          | 281771 | 951964  | +++++                   | 0.187          | 0.467          | 4.66  | 10.4  |
|                                  |         |            | 977412         | 1331300        | 3303291        |        |         | 15.5                    | 20.7           | 41.4           |       |       |
| Styrene                          | CBNZd 5 | Ave        | +++++          | 14085          | 38404          | 457859 | 1542540 | +++++                   | 0.186          | 0.465          | 4.64  | 10.3  |
|                                  |         |            | 1625432        | 2255016        | 5683958        |        |         | 15.5                    | 20.6           | 41.3           |       |       |
| Bromoform                        | CBNZd 5 | Ave        | +++++          | 4619           | 33043          | 409197 | 1145747 | +++++                   | 0.186          | 0.463          | 4.62  | 10.3  |
|                                  |         |            | 1498181        | 2019936        | 4300640        |        |         | 15.4                    | 20.6           | 41.2           |       |       |
| Cumene                           | CBNZd 5 | Ave        | +++++          | 32922          | 90179          | 884130 | 2949707 | +++++                   | 0.188          | 0.470          | 4.69  | 10.4  |
|                                  |         |            | 3120531        | 4239363        | 10717176       |        |         | 15.6                    | 20.9           | 41.7           |       |       |
| 1,1,2,2-Tetrachloroethane        | CBNZd 5 | Ave        | +++++          | 16851          | 40359          | 398969 | 1277128 | +++++                   | 0.187          | 0.466          | 4.65  | 10.3  |
|                                  |         |            | 1401047        | 1895355        | 4517755        |        |         | 15.5                    | 20.7           | 41.4           |       |       |

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

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-56451-1 Analy Batch No.: 162223

SDG No.: 200-56451-1

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

Calibration Start Date: 12/17/2020 17:10 Calibration End Date: 12/18/2020 04:03 Calibration ID: 44831

| ANALYTE                | IS<br>REF  | CURVE<br>TYPE | RESPONSE       |                |                |         |         | CONCENTRATION (PPB V/V) |                |                |       |       |
|------------------------|------------|---------------|----------------|----------------|----------------|---------|---------|-------------------------|----------------|----------------|-------|-------|
|                        |            |               | LVL 1<br>LVL 6 | LVL 2<br>LVL 7 | LVL 3<br>LVL 8 | LVL 4   | LVL 5   | LVL 1<br>LVL 6          | LVL 2<br>LVL 7 | LVL 3<br>LVL 8 | LVL 4 | LVL 5 |
| 1,2,3-Trichloropropane | CBNZd<br>5 | Ave           | +++++          | +++++          | 36576          | 350289  | 1130093 | +++++                   | +++++          | 0.477          | 4.76  | 10.6  |
|                        |            |               | 1198506        | 1630394        | 3857473        |         |         | 15.9                    | 21.2           | 42.4           |       |       |
| n-Propylbenzene        | CBNZd<br>5 | Ave           | +++++          | 40920          | 108039         | 1054060 | 3432385 | +++++                   | 0.188          | 0.468          | 4.67  | 10.4  |
|                        |            |               | 3644707        | 4983803        | 12199649       |         |         | 15.6                    | 20.8           | 41.6           |       |       |
| 2-Chlorotoluene        | CBNZd<br>5 | Ave           | +++++          | 28316          | 81110          | 760891  | 2485929 | +++++                   | 0.188          | 0.470          | 4.69  | 10.4  |
|                        |            |               | 2684259        | 3616377        | 8834458        |         |         | 15.7                    | 20.9           | 41.8           |       |       |
| 4-Ethyltoluene         | CBNZd<br>5 | Ave           | +++++          | 32215          | 87225          | 905558  | 2976975 | +++++                   | 0.186          | 0.465          | 4.64  | 10.3  |
|                        |            |               | 3167931        | 4332148        | 10657270       |         |         | 15.5                    | 20.7           | 41.3           |       |       |
| n-Decane               | CBNZd<br>5 | Ave           | +++++          | +++++          | 49457          | 483941  | 1477726 | +++++                   | +++++          | 0.469          | 4.68  | 10.4  |
|                        |            |               | 1603068        | 2164380        | 5101691        |         |         | 15.6                    | 20.8           | 41.7           |       |       |
| 1,3,5-Trimethylbenzene | CBNZd<br>5 | Ave           | +++++          | 30867          | 77398          | 790614  | 2539546 | +++++                   | 0.187          | 0.468          | 4.67  | 10.4  |
|                        |            |               | 2758411        | 3769411        | 9421706        |         |         | 15.6                    | 20.8           | 41.6           |       |       |
| Alpha Methyl Styrene   | CBNZd<br>5 | Ave           | +++++          | 11905          | 32383          | 378106  | 1279895 | +++++                   | 0.184          | 0.459          | 4.58  | 10.2  |
|                        |            |               | 1374706        | 1933113        | 4842901        |         |         | 15.3                    | 20.4           | 40.8           |       |       |
| tert-Butylbenzene      | CBNZd<br>5 | Ave           | +++++          | 31820          | 77252          | 770689  | 2505803 | +++++                   | 0.187          | 0.467          | 4.66  | 10.4  |
|                        |            |               | 2722812        | 3708990        | 9210409        |         |         | 15.5                    | 20.7           | 41.4           |       |       |
| 1,2,4-Trimethylbenzene | CBNZd<br>5 | Ave           | +++++          | 27736          | 77487          | 796862  | 2593681 | +++++                   | 0.188          | 0.468          | 4.67  | 10.4  |
|                        |            |               | 2786722        | 3882214        | 9600663        |         |         | 15.6                    | 20.8           | 41.6           |       |       |
| sec-Butylbenzene       | CBNZd<br>5 | Ave           | +++++          | 41937          | 111156         | 1128472 | 3741705 | +++++                   | 0.189          | 0.471          | 4.70  | 10.5  |
|                        |            |               | 4057866        | 5558204        | 13526504       |         |         | 15.7                    | 20.9           | 41.8           |       |       |
| 4-Isopropyltoluene     | CBNZd<br>5 | Ave           | +++++          | 37404          | 97912          | 984304  | 3242488 | +++++                   | 0.186          | 0.464          | 4.63  | 10.3  |
|                        |            |               | 3515195        | 4807359        | 11380393       |         |         | 15.5                    | 20.6           | 41.2           |       |       |
| 1,3-Dichlorobenzene    | CBNZd<br>5 | Ave           | +++++          | 21486          | 51852          | 560777  | 1809413 | +++++                   | 0.191          | 0.477          | 4.75  | 10.6  |
|                        |            |               | 1930316        | 2730073        | 6583657        |         |         | 15.9                    | 21.2           | 42.3           |       |       |
| 1,4-Dichlorobenzene    | CBNZd<br>5 | Ave           | +++++          | 20703          | 49049          | 550051  | 1854119 | +++++                   | 0.189          | 0.472          | 4.70  | 10.5  |
|                        |            |               | 1959945        | 2850906        | 7196856        |         |         | 15.7                    | 20.9           | 41.9           |       |       |
| Benzyl chloride        | CBNZd<br>5 | Ave           | +++++          | 22012          | 51996          | 554830  | 2047975 | +++++                   | 0.191          | 0.477          | 4.75  | 10.6  |
|                        |            |               | 2107848        | 3156015        | 8363695        |         |         | 15.9                    | 21.2           | 42.3           |       |       |



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

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-56451-1 Analy Batch No.: 162223

SDG No.: 200-56451-1

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

Calibration Start Date: 12/17/2020 17:10 Calibration End Date: 12/18/2020 04:03 Calibration ID: 44831

| ANALYTE                | IS REF     | CURVE TYPE | RESPONSE       |                |                |        |         | CONCENTRATION (PPB V/V) |                |                |       |       |
|------------------------|------------|------------|----------------|----------------|----------------|--------|---------|-------------------------|----------------|----------------|-------|-------|
|                        |            |            | LVL 1<br>LVL 6 | LVL 2<br>LVL 7 | LVL 3<br>LVL 8 | LVL 4  | LVL 5   | LVL 1<br>LVL 6          | LVL 2<br>LVL 7 | LVL 3<br>LVL 8 | LVL 4 | LVL 5 |
| n-Butylbenzene         | CBNZd<br>5 | Ave        | +++++          | 31222          | 82380          | 891157 | 2970383 | +++++                   | 0.187          | 0.468          | 4.67  | 10.4  |
|                        |            |            | 3216703        | 4501186        | 10868253       |        |         | 15.6                    | 20.8           | 41.6           |       |       |
| n-Undecane             | CBNZd<br>5 | Ave        | +++++          | +++++          | +++++          | 541903 | 1675155 | +++++                   | +++++          | +++++          | 4.70  | 10.5  |
|                        |            |            | 1824369        | 2474687        | 5461093        |        |         | 15.7                    | 20.9           | 41.8           |       |       |
| 1,2-Dichlorobenzene    | CBNZd<br>5 | Ave        | +++++          | 21117          | 48960          | 539019 | 1783243 | +++++                   | 0.188          | 0.470          | 4.69  | 10.4  |
|                        |            |            | 1884483        | 2674565        | 6410835        |        |         | 15.7                    | 20.9           | 41.8           |       |       |
| n-Dodecane             | CBNZd<br>5 | Ave        | +++++          | +++++          | +++++          | 478392 | 1627875 | +++++                   | +++++          | +++++          | 4.21  | 9.36  |
|                        |            |            | 1873322        | 2722524        | 6258544        |        |         | 14.0                    | 18.7           | 37.4           |       |       |
| 1,2,4-Trichlorobenzene | CBNZd<br>5 | Ave        | +++++          | +++++          | 31850          | 480498 | 1711442 | +++++                   | +++++          | 0.489          | 4.88  | 10.9  |
|                        |            |            | 1800358        | 2940181        | 7333508        |        |         | 16.3                    | 21.7           | 43.4           |       |       |
| Hexachlorobutadiene    | CBNZd<br>5 | Ave        | +++++          | 23392          | 56367          | 612906 | 1988050 | +++++                   | 0.185          | 0.462          | 4.61  | 10.3  |
|                        |            |            | 2297052        | 3182832        | 7925523        |        |         | 15.4                    | 20.5           | 41.0           |       |       |
| Naphthalene            | CBNZd<br>5 | Ave        | +++++          | +++++          | 41022          | 786453 | 3085363 | +++++                   | +++++          | 0.438          | 4.37  | 9.72  |
|                        |            |            | 2976216        | 5458065        | 13920233       |        |         | 14.6                    | 19.4           | 38.9           |       |       |
| 1,2,3-Trichlorobenzene | CBNZd<br>5 | Ave        | +++++          | +++++          | 26930          | 391932 | 1490069 | +++++                   | +++++          | 0.411          | 4.10  | 9.12  |
|                        |            |            | 1578283        | 2515545        | 6392033        |        |         | 13.7                    | 18.2           | 36.5           |       |       |

Curve Type Legend:

Ave = Average ISTD

Eurofins TestAmerica, Burlington  
Target Compound Quantitation Report

Data File: \\chromfs\Burlington\ChromData\CHC.i\20201217-44129.b\44129-02.D  
 Lims ID: ic  
 Client ID:  
 Sample Type: IC Calib Level: 1  
 Inject. Date: 17-Dec-2020 17:10:30 ALS Bottle#: 3 Worklist Smp#: 2  
 Purge Vol: 200.000 mL Dil. Factor: 1.0000  
 Sample Info: 200-0044129-002  
 Misc. Info.: ic1  
 Operator ID: ggg Instrument ID: CHC.i  
 Sublist: chrom-TO15\_MasterMethod\_(v1)\_CHC.i\*sub10  
 Method: \\chromfs\Burlington\ChromData\CHC.i\20201217-44129.b\TO15\_MasterMethod\_(v1)\_CHC.i.m  
 Limit Group: AI\_TO15\_ICAL  
 Last Update: 28-Dec-2020 11:07:26 Calib Date: 18-Dec-2020 04:03:30  
 Integrator: RTE ID Type: Deconvolution ID  
 Quant Method: Internal Standard Quant By: Initial Calibration  
 Last ICal File: \\chromfs\Burlington\ChromData\CHC.i\20201217-44129.b\44129-14.D  
 Column 1 : RTX-624 ( 0.32 mm) Det: MS SCAN  
 Process Host: CTX1638

First Level Reviewer: phamvu

Date: 18-Dec-2020 08:38:51

| 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  | 2.838     | 2.833         | 0.005         | 70 | 1338     | 0.0362          | 0.1371            |       |
| 2 Dichlorodifluoromethane          | 85  | 2.897     | 2.891         | 0.006         | 64 | 2505     | 0.0366          | 0.0512            |       |
| 3 Chlorodifluoromethane            | 51  | 2.934     | 2.934         | 0.000         | 39 | 819      | 0.0368          | 0.0339            |       |
| 4 1,2-Dichloro-1,1,2,2-tetrafluoro | 85  | 3.137     | 3.132         | 0.005         | 42 | 2664     | 0.0365          | 0.0602            |       |
| 5 Chloromethane                    | 50  | 3.265     | 3.244         | 0.021         | 31 | 358      | 0.0383          | 0.0365            |       |
| 6 Butane                           | 43  | 3.436     | 3.430         | 0.006         | 73 | 1388     | 0.0363          | 0.0890            |       |
| 7 Vinyl chloride                   | 62  | 3.468     | 3.462         | 0.006         | 1  | 671      | 0.0364          | 0.0534            | M     |
| 8 Butadiene                        | 54  | 3.537     | 3.532         | 0.005         | 57 | 532      | 0.0355          | 0.0550            |       |
| 10 Bromomethane                    | 94  | 4.151     | 4.140         | 0.011         | 17 | 789      | 0.0362          | 0.0623            |       |
| 11 Chloroethane                    | 64  | 4.370     | 4.359         | 0.011         | 1  | 218      | 0.0364          | 0.0413            |       |
| 12 2-Methylbutane                  | 43  | 4.466     | 4.460         | 0.006         | 32 | 763      | 0.0366          | 0.0627            |       |
| 13 Vinyl bromide                   | 106 | 4.733     | 4.727         | 0.006         | 34 | 817      | 0.0366          | 0.0649            |       |
| 14 Trichlorofluoromethane          | 101 | 4.855     | 4.845         | 0.010         | 43 | 1709     | 0.0370          | 0.0340            |       |
| 16 Pentane                         | 43  | 4.807     | 4.999         | -0.192        | 44 | 589      | 0.0355          | 0.0309            |       |
| 17 Ethanol                         | 45  | 5.528     | 5.437         | 0.091         | 50 | 340      | 0.0702          | 0.0636            |       |
| 18 Ethyl ether                     | 59  | 5.480     | 5.528         | -0.048        | 1  | 71       | 0.0354          | 0.008099          |       |
| 19 Acrolein                        | 56  |           | 5.821         |               |    |          | ND              | ND                |       |
| 20 1,1,2-Trichloro-1,2,2-trifluoro | 101 | 5.933     | 5.907         | 0.026         | 55 | 1006     | 0.0368          | 0.0286            |       |
| 21 1,1-Dichloroethene              | 96  | 5.912     | 5.917         | -0.005        | 39 | 464      | 0.0361          | 0.0324            |       |
| 22 Acetone                         | 43  | 6.232     | 6.142         | 0.090         | 30 | 4163     | 0.0359          | 0.2034            |       |
| 23 Carbon disulfide                | 76  | 6.286     | 6.280         | 0.006         | 78 | 1798     | 0.0356          | 0.0454            |       |
| 24 Isopropyl alcohol               | 45  | 6.617     | 6.531         | 0.086         | 54 | 1179     | 0.0358          | 0.0592            |       |
| 25 3-Chloro-1-propene              | 41  | 6.675     | 6.670         | 0.005         | 21 | 753      | 0.0374          | 0.0420            |       |
| 26 Acetonitrile                    | 41  | 6.691     | 6.739         | -0.048        | 77 | 791      | 0.0347          | 0.0959            |       |
| 27 Methylene Chloride              | 49  | 6.958     | 6.958         | 0.000         | 48 | 731      | 0.0361          | 0.0456            |       |
| 28 2-Methyl-2-propanol             | 59  | 7.492     | 7.332         | 0.160         | 54 | 1043     | 0.0378          | 0.0377            |       |
| 31 trans-1,2-Dichloroethene        | 61  | 7.428     | 7.422         | 0.006         | 38 | 599      | 0.0358          | 0.0257            |       |
| 29 Methyl tert-butyl ether         | 73  | 7.529     | 7.444         | 0.085         | 5  | 953      | 0.0367          | 0.0204            |       |
| 32 Acrylonitrile                   | 53  | 7.519     | 7.502         | 0.016         | 43 | 309      | 0.0355          | 0.0364            |       |
| 33 Hexane                          | 57  | 7.844     | 7.849         | -0.005        | 54 | 1216     | 0.0371          | 0.0597            |       |

| Compound                       | Sig | RT (min.) | Adj RT (min.)   | Dlt RT (min.) | Q  | Response | Cal Amt ppb v/v | OnCol Amt ppb v/v | Flags |
|--------------------------------|-----|-----------|-----------------|---------------|----|----------|-----------------|-------------------|-------|
| 34 1,1-Dichloroethane          | 63  | 8.266     | 8.255           | 0.011         | 40 | 1149     | 0.0351          | 0.0399            |       |
| 35 Vinyl acetate               | 43  | 8.378     | 8.362           | 0.016         | 76 | 1438     | 0.0364          | 0.0404            |       |
| 37 cis-1,2-Dichloroethene      | 96  | 9.344     | 9.349           | -0.005        | 50 | 660      | 0.0354          | 0.0349            |       |
| 38 2-Butanone (MEK)            | 72  | 9.525     | 9.408           | 0.117         | 59 | 118      | 0.0363          | 0.0160            |       |
| 39 Ethyl acetate               | 88  | 9.472     | 9.493           | -0.021        | 12 | 53       | 0.0355          | 0.0380            |       |
| * 40 Chlorobromomethane        | 128 | 9.787     | 9.792           | -0.005        | 82 | 303308   | 20.0            | 20.0              |       |
| 41 Tetrahydrofuran             | 42  | 9.973     | 9.867           | 0.106         | 41 | 727      | 0.0350          | 0.0448            |       |
| 42 Chloroform                  | 83  |           | 9.952           |               |    |          | ND              | ND                |       |
| S 30 1,2-Dichloroethene, Total | 61  |           |                 |               | 0  |          | 0.0712          | 0.0607            |       |
| 44 1,1,1-Trichloroethane       | 97  | 10.219    | 10.219          | 0.000         | 53 | 775      | 0.0357          | 0.0148            |       |
| 43 Cyclohexane                 | 84  | 10.224    | 10.230          | -0.006        | 6  | 460      | 0.0356          | 0.0187            |       |
| 45 Carbon tetrachloride        | 117 | 10.486    | 10.486          | 0.000         | 60 | 2499     | 0.0356          | 0.0418            | M     |
| 47 Benzene                     | 78  | 10.918    | 10.913          | 0.005         | 48 | 2501     | 0.0362          | 0.0421            |       |
| 46 Isooctane                   | 57  |           | 10.961          |               |    |          | ND              | ND                |       |
| 48 1,2-Dichloroethane          | 62  |           | 11.068          |               |    |          | ND              | ND                |       |
| 49 n-Heptane                   | 43  | 11.382    | 11.372          | 0.010         | 66 | 701      | 0.0369          | 0.0195            |       |
| * 50 1,4-Difluorobenzene       | 114 | 11.767    | 11.767          | 0.000         | 95 | 1727577  | 20.0            | 20.0              |       |
| 53 Trichloroethene             | 95  | 12.242    | 12.236          | 0.006         | 43 | 980      | 0.0369          | 0.0293            |       |
| 52 n-Butanol                   | 56  | 12.348    | 12.268          | 0.080         | 54 | 753      | 0.0335          | 0.0635            |       |
| 54 1,2-Dichloropropane         | 63  |           | 12.743          |               |    |          | ND              | ND                |       |
| 55 Methyl methacrylate         | 69  |           | 12.983          |               |    |          | ND              | ND                |       |
| 57 Dibromomethane              | 174 | 13.000    | 12.994          | 0.006         | 60 | 1315     | 0.0361          | 0.0332            |       |
| 56 1,4-Dioxane                 | 88  | 13.122    | 13.042          | 0.080         | 1  | 172      | 0.0371          | 0.0133            |       |
| 58 Dichlorobromomethane        | 83  | 13.320    | 13.325          | -0.005        | 24 | 2709     | 0.0371          | 0.0454            |       |
| 60 cis-1,3-Dichloropropene     | 75  | 14.291    | 14.286          | 0.005         | 51 | 1094     | 0.0364          | 0.0219            |       |
| 61 4-Methyl-2-pentanone (MIBK) | 43  | 14.681    | 14.622          | 0.059         | 55 | 3046     | 0.0359          | 0.0521            |       |
| A 63 Toluene Range             | 1   |           | (14.854-14.934) |               |    |          | ND              | ND                |       |
| 65 Toluene                     | 92  | 14.883    | 14.894          | -0.011        | 39 | 809      | 0.0356          | 0.0139            |       |
| A 62 C8 Range                  | 1   | 15.054    | (15.004-15.104) |               | 0  | 9647     | NC              | NC                |       |
| 64 n-Octane                    | 43  | 15.065    | 15.054          | 0.011         | 73 | 3551     | 0.0362          | 0.0549            |       |
| 66 trans-1,3-Dichloropropene   | 75  | 15.652    | 15.492          | 0.160         | 40 | 277      | 0.0347          | 0.005793          |       |
| 67 1,1,2-Trichloroethane       | 83  |           | 15.855          |               |    |          | ND              | ND                |       |
| 68 Tetrachloroethene           | 166 | 16.026    | 16.020          | 0.006         | 49 | 3337     | 0.0368          | 0.0537            | M     |
| 69 2-Hexanone                  | 43  | 16.404    | 16.372          | 0.032         | 36 | 1024     | 0.0350          | 0.0178            |       |
| 71 Chlorodibromomethane        | 129 | 16.639    | 16.623          | 0.016         | 34 | 835      | 0.0340          | 0.0121            |       |
| 72 Ethylene Dibromide          | 107 | 16.890    | 16.874          | 0.016         | 52 | 623      | 0.0372          | 0.0116            |       |
| * 74 Chlorobenzene-d5          | 117 | 17.808    | 17.808          | 0.000         | 88 | 1926206  | 20.0            | 20.0              |       |
| 75 Chlorobenzene               | 112 | 17.861    | 17.867          | -0.006        | 49 | 3829     | 0.0368          | 0.0456            |       |
| 76 Ethylbenzene                | 91  | 18.043    | 18.043          | 0.000         | 91 | 5006     | 0.0358          | 0.0355            |       |
| 77 n-Nonane                    | 57  | 18.272    | 18.256          | 0.016         | 47 | 3443     | 0.0368          | 0.0537            |       |
| 78 m-Xylene & p-Xylene         | 106 | 18.299    | 18.294          | 0.005         | 0  | 2521     | 0.0721          | 0.0473            |       |
| 79 o-Xylene                    | 106 | 19.126    | 19.126          | 0.000         | 42 | 1041     | 0.0363          | 0.0197            |       |
| 80 Styrene                     | 104 | 19.174    | 19.174          | 0.000         | 45 | 1346     | 0.0362          | 0.0164            |       |
| 81 Bromoform                   | 173 | 19.596    | 19.596          | 0.000         | 10 | 752      | 0.0361          | 0.0117            |       |
| 82 Isopropylbenzene            | 105 | 19.879    | 19.879          | 0.000         | 52 | 3433     | 0.0366          | 0.0209            |       |
| S 73 Xylenes, Total            | 106 |           |                 |               | 0  |          | 0.1085          | 0.0671            |       |
| * 83 4-Bromofluorobenzene      | 95  | 20.258    | 20.258          | 0.000         | 92 | 1641019  | 20.0            | 20.0              |       |
| 84 1,1,2,2-Tetrachloroethane   | 83  | 20.562    | 20.562          | 0.000         | 36 | 2323     | 0.0363          | 0.0310            |       |
| 86 1,2,3-Trichloropropane      | 75  | 20.658    | 20.647          | 0.011         | 63 | 2821     | 0.0371          | 0.0452            |       |
| 85 N-Propylbenzene             | 91  | 20.669    | 20.663          | 0.006         | 97 | 8478     | 0.0365          | 0.0435            |       |
| 89 2-Chlorotoluene             | 91  | 20.866    | 20.861          | 0.005         | 62 | 5889     | 0.0366          | 0.0418            |       |
| 88 4-Ethyltoluene              | 105 | 20.877    | 20.871          | 0.006         | 69 | 3647     | 0.0362          | 0.0220            |       |

| Compound                   | Sig | RT<br>(min.) | Adj RT<br>(min.) | Dlt RT<br>(min.) | Q  | Response | Cal Amt<br>ppb v/v | OnCol Amt<br>ppb v/v | Flags |
|----------------------------|-----|--------------|------------------|------------------|----|----------|--------------------|----------------------|-------|
| 87 n-Decane                | 57  | 20.935       | 20.930           | 0.005            | 49 | 4217     | 0.0366             | 0.0497               |       |
| 90 1,3,5-Trimethylbenzene  | 105 | 20.994       | 20.994           | 0.000            | 92 | 5765     | 0.0364             | 0.0395               |       |
| 91 Alpha Methyl Styrene    | 118 | 21.384       | 21.378           | 0.006            | 54 | 2568     | 0.0358             | 0.0366               |       |
| 92 tert-Butylbenzene       | 119 | 21.512       | 21.506           | 0.006            | 91 | 6635     | 0.0363             | 0.0457               |       |
| 93 1,2,4-Trimethylbenzene  | 105 | 21.608       | 21.608           | 0.000            | 95 | 5815     | 0.0365             | 0.0400               |       |
| 94 sec-Butylbenzene        | 105 | 21.859       | 21.853           | 0.006            | 93 | 7896     | 0.0367             | 0.0378               |       |
| 95 4-Isopropyltoluene      | 119 | 22.067       | 22.072           | -0.005           | 62 | 4488     | 0.0362             | 0.0244               |       |
| 96 1,3-Dichlorobenzene     | 146 | 22.083       | 22.078           | 0.005            | 93 | 4347     | 0.0371             | 0.0432               |       |
| 97 1,4-Dichlorobenzene     | 146 | 22.216       | 22.222           | -0.006           | 57 | 2531     | 0.0367             | 0.0247               |       |
| 98 Benzyl chloride         | 91  | 22.414       | 22.408           | 0.006            | 68 | 4802     | 0.0371             | 0.0437               |       |
| 100 n-Butylbenzene         | 91  | 22.659       | 22.654           | 0.005            | 93 | 7010     | 0.0364             | 0.0427               |       |
| 99 Undecane                | 57  | 22.729       | 22.729           | 0.000            | 69 | 3968     | 0.0367             | 0.0432               |       |
| 101 1,2-Dichlorobenzene    | 146 | 22.745       | 22.745           | 0.000            | 89 | 4612     | 0.0366             | 0.0466               |       |
| 102 Dodecane               | 57  | 24.234       | 24.228           | 0.006            | 54 | 2754     | 0.0328             | 0.0263               |       |
| 103 1,2,4-Trichlorobenzene | 180 | 25.098       | 25.082           | 0.016            | 3  | 2150     | 0.0381             | 0.0240               |       |
| 104 Hexachlorobutadiene    | 225 | 25.280       | 25.285           | -0.005           | 91 | 5570     | 0.0360             | 0.0475               |       |
| 105 Naphthalene            | 128 | 25.499       | 25.498           | 0.001            | 1  | 1739     | 0.0341             | 0.0101               |       |
| 106 1,2,3-Trichlorobenzene | 180 | 25.925       | 25.931           | -0.006           | 1  | 1288     | 0.0320             | 0.0141               |       |

**QC Flag Legend**

## Processing Flags

NC - Not Calibrated

ND - Not Detected or Marked ND

## Review Flags

M - Manually Integrated

**Reagents:**

ATTO15CAL1w\_00224

Amount Added: 35.00

Units: mL

ATTO15CISs\_00010

Amount Added: 40.00

Units: mL

Run Reagent

Eurofins TestAmerica, Burlington

Data File: \\chromfs\Burlington\ChromData\CHC.i\20201217-44129.b\44129-02.D

Injection Date: 17-Dec-2020 17:10:30

Instrument ID: CHC.i

Operator ID: ggg

Lims ID: ic

Worklist Smp#: 2

Client ID:

Purge Vol: 200.000 mL

Dil. Factor: 1.0000

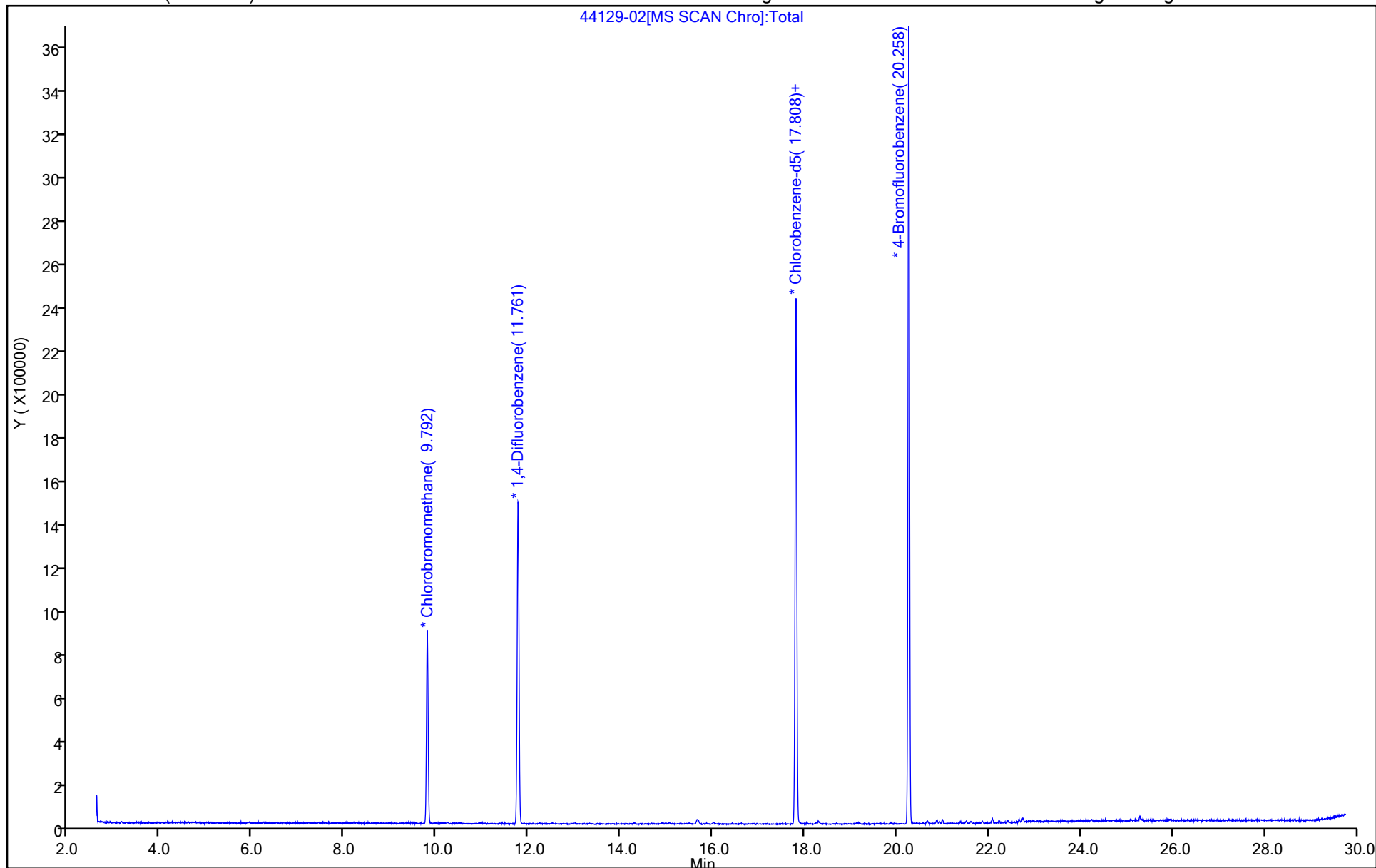
ALS Bottle#: 3

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



## Eurofins TestAmerica, Burlington

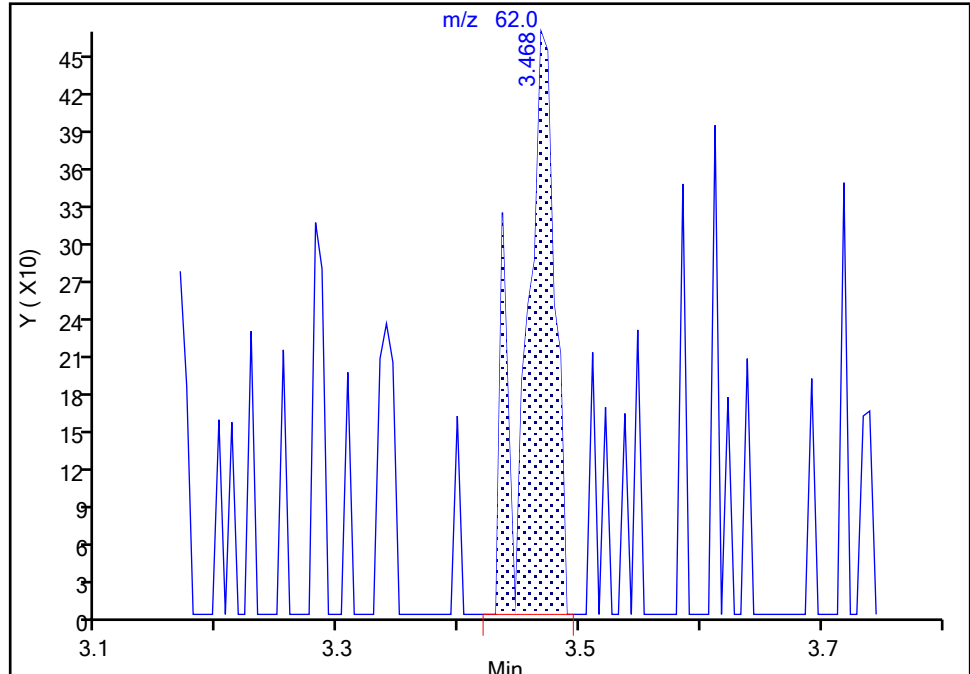
Data File: \\chromfs\Burlington\ChromData\CHC.i\20201217-44129.b\44129-02.D  
Injection Date: 17-Dec-2020 17:10:30 Instrument ID: CHC.i  
Lims ID: ic  
Client ID:  
Operator ID: ggg ALS Bottle#: 3 Worklist Smp#: 2  
Purge Vol: 200.000 mL Dil. Factor: 1.0000  
Method: TO15\_MasterMethod\_(v1)\_CHC.i Limit Group: AI\_TO15\_ICAL  
Column: RTX-624 ( 0.32 mm) Detector: MS SCAN

## 7 Vinyl chloride, CAS: 75-01-4

Signal: 1

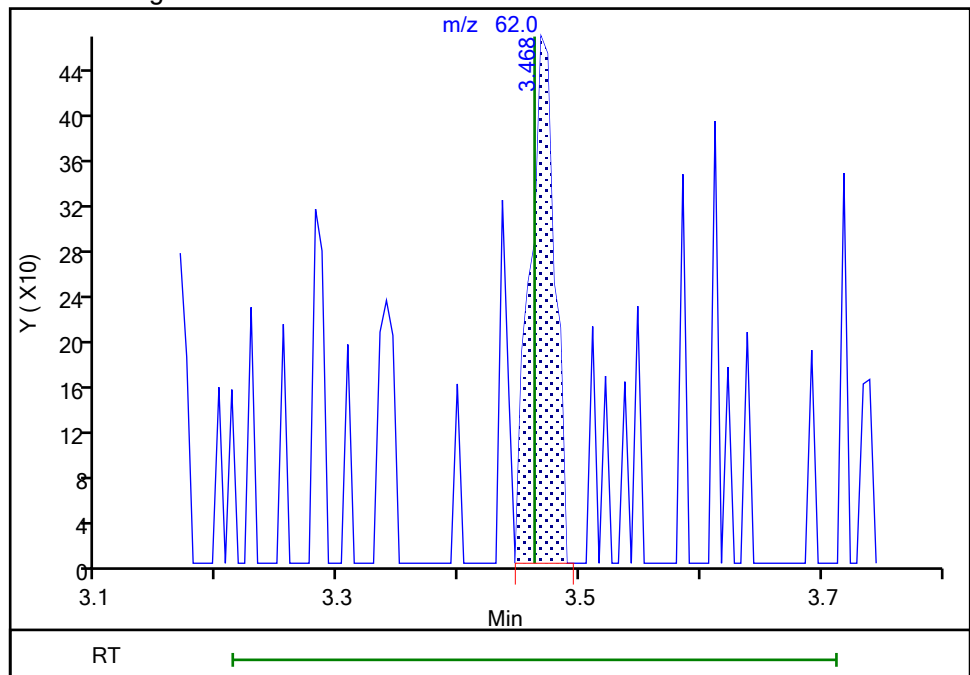
RT: 3.47  
Area: 822  
Amount: 0.070530  
Amount Units: ppb v/v

## Processing Integration Results



RT: 3.47  
Area: 671  
Amount: 0.053422  
Amount Units: ppb v/v

## Manual Integration Results



Reviewer: phamvu, 18-Dec-2020 08:36:28

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

## Eurofins TestAmerica, Burlington

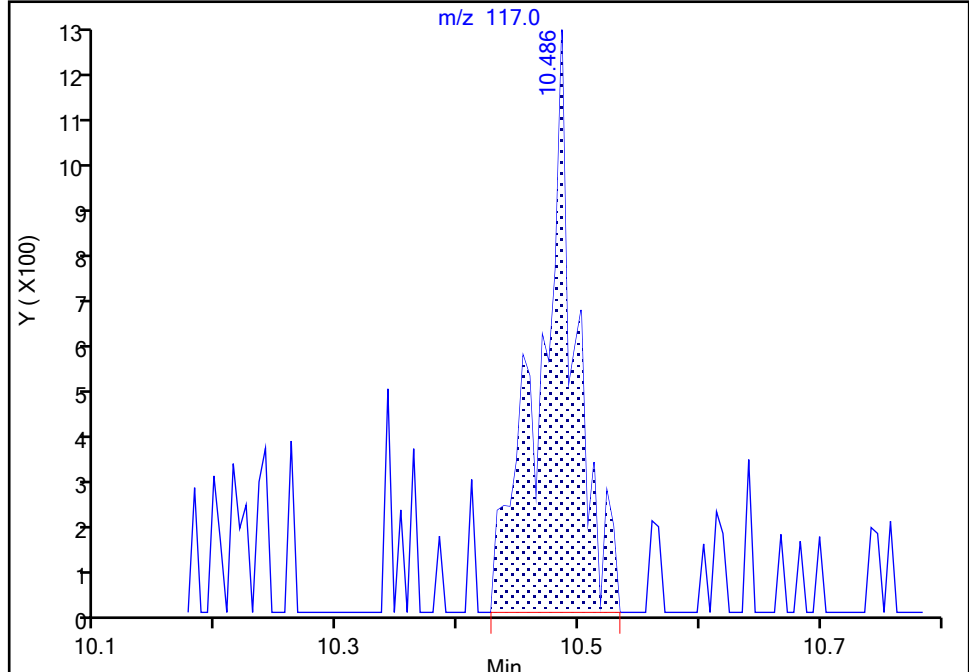
Data File: \\chromfs\Burlington\ChromData\CHC.i\20201217-44129.b\44129-02.D  
Injection Date: 17-Dec-2020 17:10:30 Instrument ID: CHC.i  
Lims ID: ic  
Client ID:  
Operator ID: ggg ALS Bottle#: 3 Worklist Smp#: 2  
Purge Vol: 200.000 mL Dil. Factor: 1.0000  
Method: TO15\_MasterMethod\_(v1)\_CHC.i Limit Group: AI\_TO15\_ICAL  
Column: RTX-624 ( 0.32 mm) Detector: MS SCAN

**45 Carbon tetrachloride, CAS: 56-23-5**

Signal: 1

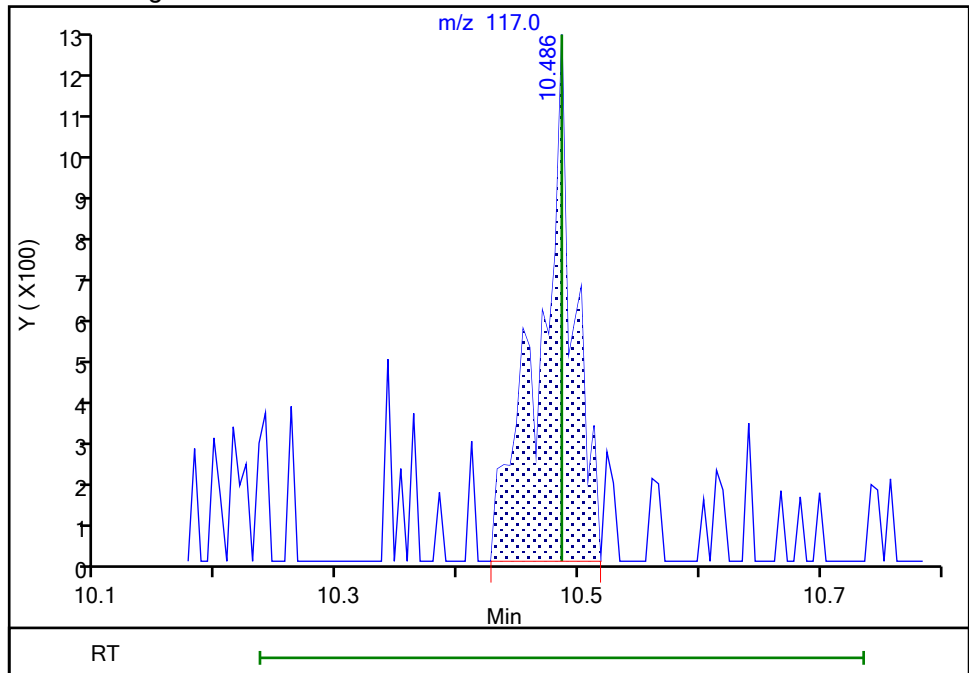
RT: 10.49  
Area: 2646  
Amount: 0.044977  
Amount Units: ppb v/v

## Processing Integration Results



RT: 10.49  
Area: 2499  
Amount: 0.041816  
Amount Units: ppb v/v

## Manual Integration Results



Reviewer: phamvu, 18-Dec-2020 08:37:15

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

## Eurofins TestAmerica, Burlington

Data File: \\chromfs\Burlington\ChromData\CHC.i\20201217-44129.b\44129-02.D

Injection Date: 17-Dec-2020 17:10:30

Instrument ID: CHC.i

Lims ID: ic

Client ID:

Operator ID: ggg

ALS Bottle#:

3

Worklist Smp#: 2

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

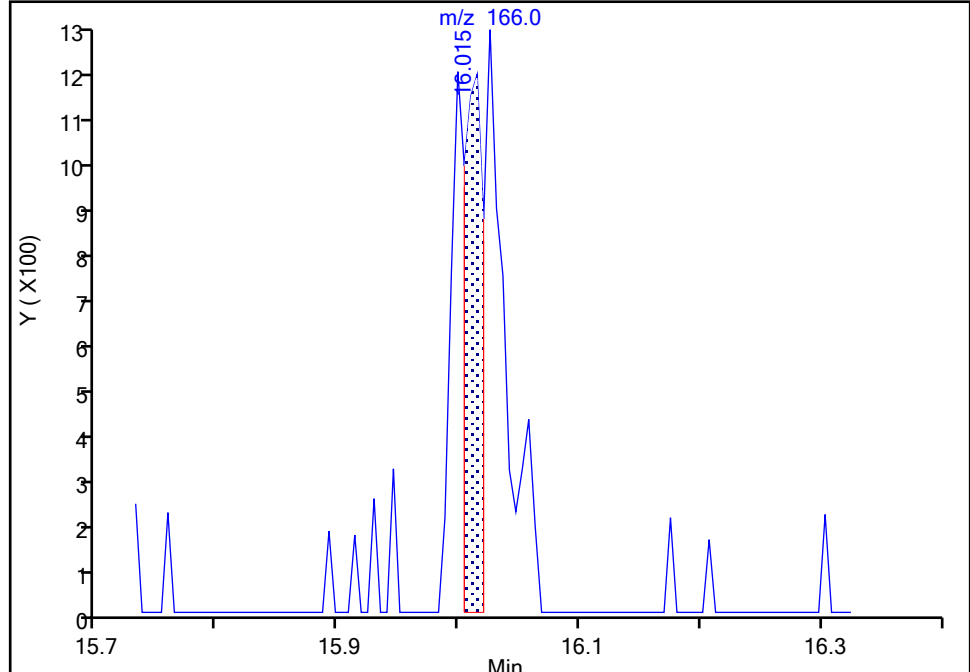
MS SCAN

**68 Tetrachloroethene, CAS: 127-18-4**

Signal: 1

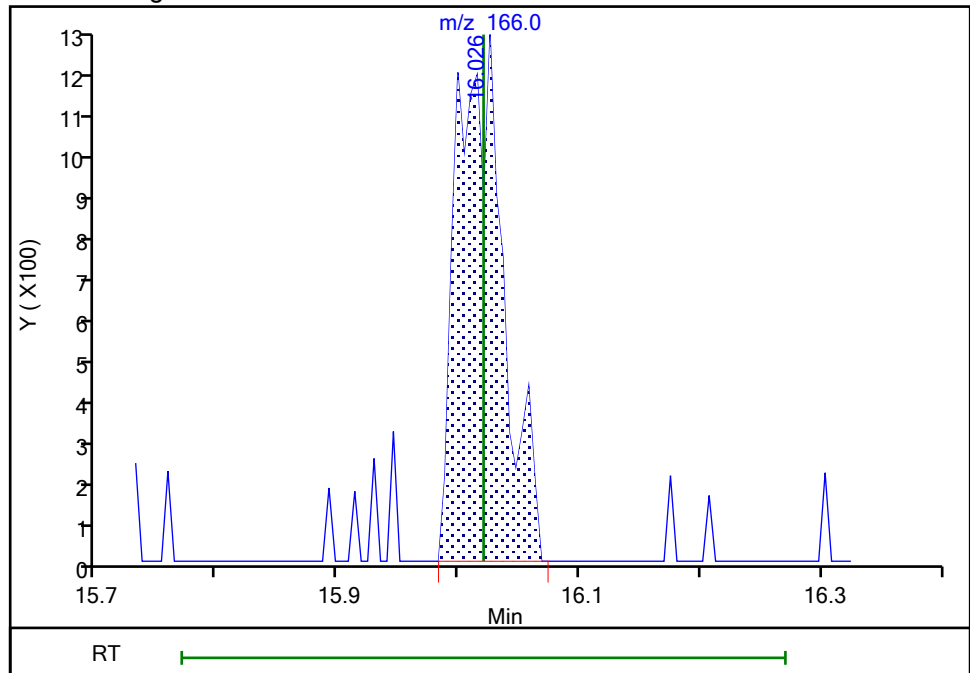
RT: 16.01  
Area: 1302  
Amount: 0.022924  
Amount Units: ppb v/v

## Processing Integration Results



RT: 16.03  
Area: 3337  
Amount: 0.053686  
Amount Units: ppb v/v

## Manual Integration Results



Reviewer: phamvu, 18-Dec-2020 08:38:31

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration



Eurofins TestAmerica, Burlington  
Target Compound Quantitation Report

Data File: \\chromfs\Burlington\ChromData\CHC.i\20201217-44129.b\44129-03.D  
 Lims ID: ic  
 Client ID:  
 Sample Type: IC Calib Level: 2  
 Inject. Date: 17-Dec-2020 18:04:30 ALS Bottle#: 4 Worklist Smp#: 3  
 Purge Vol: 200.000 mL Dil. Factor: 1.0000  
 Sample Info: 200-0044129-003  
 Misc. Info.: ic2  
 Operator ID: ggg Instrument ID: CHC.i  
 Sublist: chrom-TO15\_MasterMethod\_(v1)\_CHC.i\*sub10  
 Method: \\chromfs\Burlington\ChromData\CHC.i\20201217-44129.b\TO15\_MasterMethod\_(v1)\_CHC.i.m  
 Limit Group: AI\_TO15\_ICAL  
 Last Update: 28-Dec-2020 11:07:27 Calib Date: 18-Dec-2020 04:03:30  
 Integrator: RTE ID Type: Deconvolution ID  
 Quant Method: Internal Standard Quant By: Initial Calibration  
 Last ICal File: \\chromfs\Burlington\ChromData\CHC.i\20201217-44129.b\44129-14.D  
 Column 1 : RTX-624 ( 0.32 mm) Det: MS SCAN  
 Process Host: CTX1638

First Level Reviewer: phamvu

Date: 18-Dec-2020 08:43:36

| 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  | 2.838     | 2.833         | 0.005         | 91 | 3954     | 0.1862          | 0.3827            |       |
| 2 Dichlorodifluoromethane          | 85  | 2.891     | 2.891         | 0.000         | 99 | 11657    | 0.1883          | 0.2252            |       |
| 3 Chlorodifluoromethane            | 51  | 2.934     | 2.934         | 0.000         | 96 | 5443     | 0.1891          | 0.2128            |       |
| 4 1,2-Dichloro-1,1,2,2-tetrafluoro | 85  | 3.137     | 3.132         | 0.005         | 92 | 10203    | 0.1878          | 0.2179            |       |
| 5 Chloromethane                    | 50  | 3.249     | 3.244         | 0.005         | 88 | 2675     | 0.1970          | 0.2572            |       |
| 6 Butane                           | 43  | 3.436     | 3.430         | 0.006         | 78 | 3663     | 0.1869          | 0.2218            |       |
| 7 Vinyl chloride                   | 62  | 3.468     | 3.462         | 0.006         | 50 | 3082     | 0.1874          | 0.2317            |       |
| 8 Butadiene                        | 54  | 3.537     | 3.532         | 0.005         | 69 | 2094     | 0.1826          | 0.2043            |       |
| 10 Bromomethane                    | 94  | 4.146     | 4.140         | 0.006         | 49 | 2920     | 0.1860          | 0.2177            |       |
| 11 Chloroethane                    | 64  | 4.370     | 4.359         | 0.011         | 58 | 1180     | 0.1874          | 0.2109            |       |
| 12 2-Methylbutane                  | 43  | 4.460     | 4.460         | 0.000         | 74 | 3159     | 0.1883          | 0.2450            |       |
| 13 Vinyl bromide                   | 106 | 4.733     | 4.727         | 0.006         | 72 | 2629     | 0.1880          | 0.1972            |       |
| 14 Trichlorofluoromethane          | 101 | 4.861     | 4.845         | 0.016         | 93 | 11241    | 0.1905          | 0.2109            |       |
| 16 Pentane                         | 43  | 4.999     | 4.999         | 0.000         | 72 | 4545     | 0.1827          | 0.2250            |       |
| 17 Ethanol                         | 45  | 5.490     | 5.437         | 0.053         | 70 | 1162     | 0.3608          | 0.2053            |       |
| 18 Ethyl ether                     | 59  | 5.581     | 5.528         | 0.053         | 59 | 1653     | 0.1818          | 0.1781            |       |
| 19 Acrolein                        | 56  | 5.859     | 5.821         | 0.038         | 48 | 1366     | 0.1753          | 0.2876            |       |
| 20 1,1,2-Trichloro-1,2,2-trifluoro | 101 | 5.912     | 5.907         | 0.005         | 89 | 8034     | 0.1892          | 0.2156            |       |
| 21 1,1-Dichloroethene              | 96  | 5.917     | 5.917         | 0.000         | 92 | 3121     | 0.1854          | 0.2058            | M     |
| 22 Acetone                         | 43  | 6.211     | 6.142         | 0.069         | 91 | 13339    | 0.1847          | 0.6153            |       |
| 23 Carbon disulfide                | 76  | 6.280     | 6.280         | 0.000         | 98 | 8675     | 0.1833          | 0.2068            |       |
| 24 Isopropyl alcohol               | 45  | 6.633     | 6.531         | 0.102         | 92 | 4749     | 0.1844          | 0.2252            |       |
| 25 3-Chloro-1-propene              | 41  | 6.681     | 6.670         | 0.011         | 78 | 4290     | 0.1921          | 0.2261            |       |
| 26 Acetonitrile                    | 41  | 6.766     | 6.739         | 0.027         | 75 | 2664     | 0.1786          | 0.3049            |       |
| 27 Methylene Chloride              | 49  | 6.958     | 6.958         | 0.000         | 61 | 4502     | 0.1854          | 0.2650            | M     |
| 28 2-Methyl-2-propanol             | 59  | 7.481     | 7.332         | 0.149         | 48 | 5887     | 0.1945          | 0.2010            |       |
| 31 trans-1,2-Dichloroethene        | 61  | 7.417     | 7.422         | -0.005        | 81 | 4793     | 0.1840          | 0.1945            |       |
| 29 Methyl tert-butyl ether         | 73  | 7.540     | 7.444         | 0.096         | 81 | 10540    | 0.1885          | 0.2128            |       |
| 32 Acrylonitrile                   | 53  | 7.524     | 7.502         | 0.022         | 65 | 1825     | 0.1824          | 0.2032            |       |
| 33 Hexane                          | 57  | 7.860     | 7.849         | 0.011         | 79 | 5225     | 0.1910          | 0.2424            | M     |

| Compound                       | Sig | RT (min.) | Adj RT (min.)   | Dlt RT (min.) | Q     | Response | Cal Amt ppb v/v | OnCol Amt ppb v/v | Flags |
|--------------------------------|-----|-----------|-----------------|---------------|-------|----------|-----------------|-------------------|-------|
| 34 1,1-Dichloroethane          | 63  | 8.266     | 8.255           | 0.011         | 63    | 6309     | 0.1804          | 0.2069            |       |
| 35 Vinyl acetate               | 43  | 8.383     | 8.362           | 0.021         | 96    | 9032     | 0.1874          | 0.2394            |       |
| 37 cis-1,2-Dichloroethene      | 96  | 9.354     | 9.349           | 0.005         | 56    | 4138     | 0.1822          | 0.2068            | M     |
| 38 2-Butanone (MEK)            | 72  | 9.482     | 9.408           | 0.074         | 95    | 2164     | 0.1865          | 0.2768            |       |
| 39 Ethyl acetate               | 88  | 9.525     | 9.493           | 0.032         | 54    | 172      | 0.1827          | 0.1165            |       |
| * 40 Chlorobromomethane        | 128 | 9.792     | 9.792           | 0.000         | 83    | 321217   | 20.0            | 20.0              |       |
| 41 Tetrahydrofuran             | 42  | 9.957     | 9.867           | 0.090         | 63    | 4082     | 0.1802          | 0.2414            |       |
| 42 Chloroform                  | 83  | 9.952     | 9.952           | 0.000         | 60    | 10009    | 0.1822          | 0.2126            | M     |
| S 30 1,2-Dichloroethene, Total | 61  |           |                 |               | 0     |          | 0.3662          | 0.4013            |       |
| 44 1,1,1-Trichloroethane       | 97  | 10.224    | 10.219          | 0.005         | 93    | 11163    | 0.1838          | 0.2048            | M     |
| 43 Cyclohexane                 | 84  | 10.224    | 10.230          | -0.006        | 68    | 5050     | 0.1831          | 0.1977            | M     |
| 45 Carbon tetrachloride        | 117 | 10.486    | 10.486          | 0.000         | 97    | 11449    | 0.1833          | 0.1840            |       |
| 47 Benzene                     | 78  | 10.923    | 10.913          | 0.010         | 94    | 13123    | 0.1863          | 0.2120            | M     |
| 46 Isooctane                   | 57  | 10.961    | 10.961          | 0.000         | 88    | 20348    | 0.1889          | 0.2210            |       |
| 48 1,2-Dichloroethane          | 62  | 11.078    | 11.068          | 0.010         | 59    | 6906     | 0.1869          | 0.2026            |       |
| 49 n-Heptane                   | 43  | 11.366    | 11.372          | -0.006        | 86    | 8655     | 0.1896          | 0.2314            | M     |
| * 50 1,4-Difluorobenzene       | 114 | 11.761    | 11.767          | -0.006        | 95    | 1798734  | 20.0            | 20.0              |       |
| 53 Trichloroethene             | 95  | 12.236    | 12.236          | 0.000         | 95    | 8125     | 0.1900          | 0.2336            |       |
| 52 n-Butanol                   | 56  | 12.311    | 12.268          | 0.043         | 81    | 3077     | 0.1723          | 0.2492            |       |
| 54 1,2-Dichloropropane         | 63  | 12.749    | 12.743          | 0.006         | 81    | 5692     | 0.1860          | 0.2204            | M     |
| 55 Methyl methacrylate         | 69  | 13.016    | 12.983          | 0.033         | 62    | 4953     | 0.1833          | 0.1970            |       |
| 57 Dibromomethane              | 174 | 12.994    | 12.994          | 0.000         | 95    | 8487     | 0.1858          | 0.2061            |       |
| 56 1,4-Dioxane                 | 88  | 13.192    | 13.042          | 0.150         | 40    | 3208     | 0.1909          | 0.2387            |       |
| 58 Dichlorobromomethane        | 83  | 13.320    | 13.325          | -0.005        | 96    | 12827    | 0.1907          | 0.2065            | M     |
| 60 cis-1,3-Dichloropropene     | 75  | 14.280    | 14.286          | -0.006        | 95    | 11137    | 0.1874          | 0.2138            | M     |
| 61 4-Methyl-2-pentanone (MIBK) | 43  | 14.681    | 14.622          | 0.059         | 97    | 10845    | 0.1847          | 0.1781            |       |
| A 63 Toluene Range             | 1   | 14.894    | (14.854-14.934) | 0             | 25172 | NC       | NC              |                   |       |
| 65 Toluene                     | 92  | 14.889    | 14.894          | -0.005        | 91    | 11317    | 0.1833          | 0.1835            | M     |
| A 62 C8 Range                  | 1   | 15.054    | (15.004-15.104) | 0             | 49714 | NC       | NC              |                   |       |
| 64 n-Octane                    | 43  | 15.060    | 15.054          | 0.006         | 93    | 14310    | 0.1863          | 0.2127            |       |
| 66 trans-1,3-Dichloropropene   | 75  | 15.487    | 15.492          | -0.006        | 91    | 9573     | 0.1782          | 0.1923            |       |
| 67 1,1,2-Trichloroethane       | 83  | 15.865    | 15.855          | 0.010         | 63    | 6411     | 0.1891          | 0.2209            | M     |
| 68 Tetrachloroethene           | 166 | 16.015    | 16.020          | -0.005        | 94    | 12493    | 0.1894          | 0.1900            | M     |
| 69 2-Hexanone                  | 43  | 16.415    | 16.372          | 0.043         | 92    | 11456    | 0.1802          | 0.1881            |       |
| 71 Chlorodibromomethane        | 129 | 16.629    | 16.623          | 0.006         | 93    | 8998     | 0.1746          | 0.1231            |       |
| 72 Ethylene Dibromide          | 107 | 16.879    | 16.874          | 0.005         | 98    | 11045    | 0.1914          | 0.1952            |       |
| * 74 Chlorobenzene-d5          | 117 | 17.808    | 17.808          | 0.000         | 88    | 2037732  | 20.0            | 20.0              |       |
| 75 Chlorobenzene               | 112 | 17.867    | 17.867          | 0.000         | 94    | 18833    | 0.1892          | 0.2119            |       |
| 76 Ethylbenzene                | 91  | 18.043    | 18.043          | 0.000         | 97    | 28280    | 0.1844          | 0.1897            |       |
| 77 n-Nonane                    | 57  | 18.272    | 18.256          | 0.016         | 84    | 15468    | 0.1891          | 0.2282            |       |
| 78 m-Xylene & p-Xylene         | 106 | 18.304    | 18.294          | 0.010         | 0     | 22650    | 0.3709          | 0.4021            |       |
| 79 o-Xylene                    | 106 | 19.126    | 19.126          | 0.000         | 96    | 11081    | 0.1869          | 0.1984            |       |
| 80 Styrene                     | 104 | 19.185    | 19.174          | 0.011         | 95    | 14085    | 0.1862          | 0.1619            |       |
| 81 Bromoform                   | 173 | 19.607    | 19.596          | 0.011         | 56    | 4619     | 0.1856          | 0.0678            | M     |
| 82 Isopropylbenzene            | 105 | 19.879    | 19.879          | 0.000         | 97    | 32922    | 0.1882          | 0.1895            |       |
| S 73 Xylenes, Total            | 106 |           |                 |               | 0     |          | 0.5578          | 0.6005            |       |
| * 83 4-Bromofluorobenzene      | 95  | 20.258    | 20.258          | 0.000         | 92    | 1714862  | 20.0            | 20.0              |       |
| 84 1,1,2,2-Tetrachloroethane   | 83  | 20.557    | 20.562          | -0.005        | 96    | 16851    | 0.1865          | 0.2128            |       |
| 86 1,2,3-Trichloropropane      | 75  | 20.653    | 20.647          | 0.006         | 94    | 14471    | 0.1910          | 0.2194            |       |
| 85 N-Propylbenzene             | 91  | 20.669    | 20.663          | 0.006         | 99    | 40920    | 0.1876          | 0.1985            |       |
| 89 2-Chlorotoluene             | 91  | 20.866    | 20.861          | 0.005         | 96    | 28316    | 0.1883          | 0.1902            |       |
| 88 4-Ethyltoluene              | 105 | 20.871    | 20.871          | 0.000         | 87    | 32215    | 0.1863          | 0.1835            |       |

| Compound                   | Sig | RT<br>(min.) | Adj RT<br>(min.) | Dlt RT<br>(min.) | Q  | Response | Cal Amt<br>ppb v/v | OnCol Amt<br>ppb v/v | Flags |
|----------------------------|-----|--------------|------------------|------------------|----|----------|--------------------|----------------------|-------|
| 87 n-Decane                | 57  | 20.930       | 20.930           | 0.000            | 92 | 19698    | 0.1880             | 0.2194               |       |
| 90 1,3,5-Trimethylbenzene  | 105 | 20.994       | 20.994           | 0.000            | 93 | 30867    | 0.1874             | 0.1997               |       |
| 91 Alpha Methyl Styrene    | 118 | 21.378       | 21.378           | 0.000            | 82 | 11905    | 0.1840             | 0.1605               |       |
| 92 tert-Butylbenzene       | 119 | 21.507       | 21.506           | 0.001            | 93 | 31820    | 0.1869             | 0.2070               |       |
| 93 1,2,4-Trimethylbenzene  | 105 | 21.608       | 21.608           | 0.000            | 98 | 27736    | 0.1876             | 0.1802               |       |
| 94 sec-Butylbenzene        | 105 | 21.859       | 21.853           | 0.006            | 97 | 41937    | 0.1887             | 0.1900               |       |
| 95 4-Isopropyltoluene      | 119 | 22.072       | 22.072           | 0.000            | 97 | 37404    | 0.1860             | 0.1921               |       |
| 96 1,3-Dichlorobenzene     | 146 | 22.078       | 22.078           | 0.000            | 78 | 21486    | 0.1909             | 0.2020               |       |
| 97 1,4-Dichlorobenzene     | 146 | 22.222       | 22.222           | 0.000            | 94 | 20703    | 0.1889             | 0.1909               |       |
| 98 Benzyl chloride         | 91  | 22.408       | 22.408           | 0.000            | 98 | 22012    | 0.1909             | 0.1892               |       |
| 100 n-Butylbenzene         | 91  | 22.654       | 22.654           | 0.000            | 98 | 31222    | 0.1874             | 0.1797               |       |
| 99 Undecane                | 57  | 22.734       | 22.729           | 0.005            | 90 | 19140    | 0.1887             | 0.1970               |       |
| 101 1,2-Dichlorobenzene    | 146 | 22.739       | 22.745           | -0.006           | 94 | 21117    | 0.1883             | 0.2016               |       |
| 102 Dodecane               | 57  | 24.228       | 24.228           | 0.000            | 92 | 13408    | 0.1689             | 0.1210               |       |
| 103 1,2,4-Trichlorobenzene | 180 | 25.082       | 25.082           | 0.000            | 91 | 13327    | 0.1959             | 0.1409               |       |
| 104 Hexachlorobutadiene    | 225 | 25.290       | 25.285           | 0.005            | 96 | 23392    | 0.1851             | 0.1884               |       |
| 105 Naphthalene            | 128 | 25.499       | 25.498           | 0.001            | 96 | 16926    | 0.1753             | 0.0930               |       |
| 106 1,2,3-Trichlorobenzene | 180 | 25.931       | 25.931           | 0.000            | 92 | 10853    | 0.1645             | 0.1124               |       |

**QC Flag Legend**

Processing Flags

NC - Not Calibrated

Review Flags

M - Manually Integrated

**Reagents:**

ATTO15CAL1w\_00224

Amount Added: 180.00

Units: mL

ATTO15CISs\_00010

Amount Added: 40.00

Units: mL

Run Reagent

Report Date: 28-Dec-2020 11:07:28

Chrom Revision: 2.3 09-Dec-2020 16:22:14

Eurofins TestAmerica, Burlington

Data File: \\chromfs\Burlington\ChromData\CHC.i\20201217-44129.b\44129-03.D

Injection Date: 17-Dec-2020 18:04:30

Instrument ID: CHC.i

Operator ID: ggg

Lims ID: ic

Worklist Smp#: 3

Client ID:

Purge Vol: 200.000 mL

Dil. Factor: 1.0000

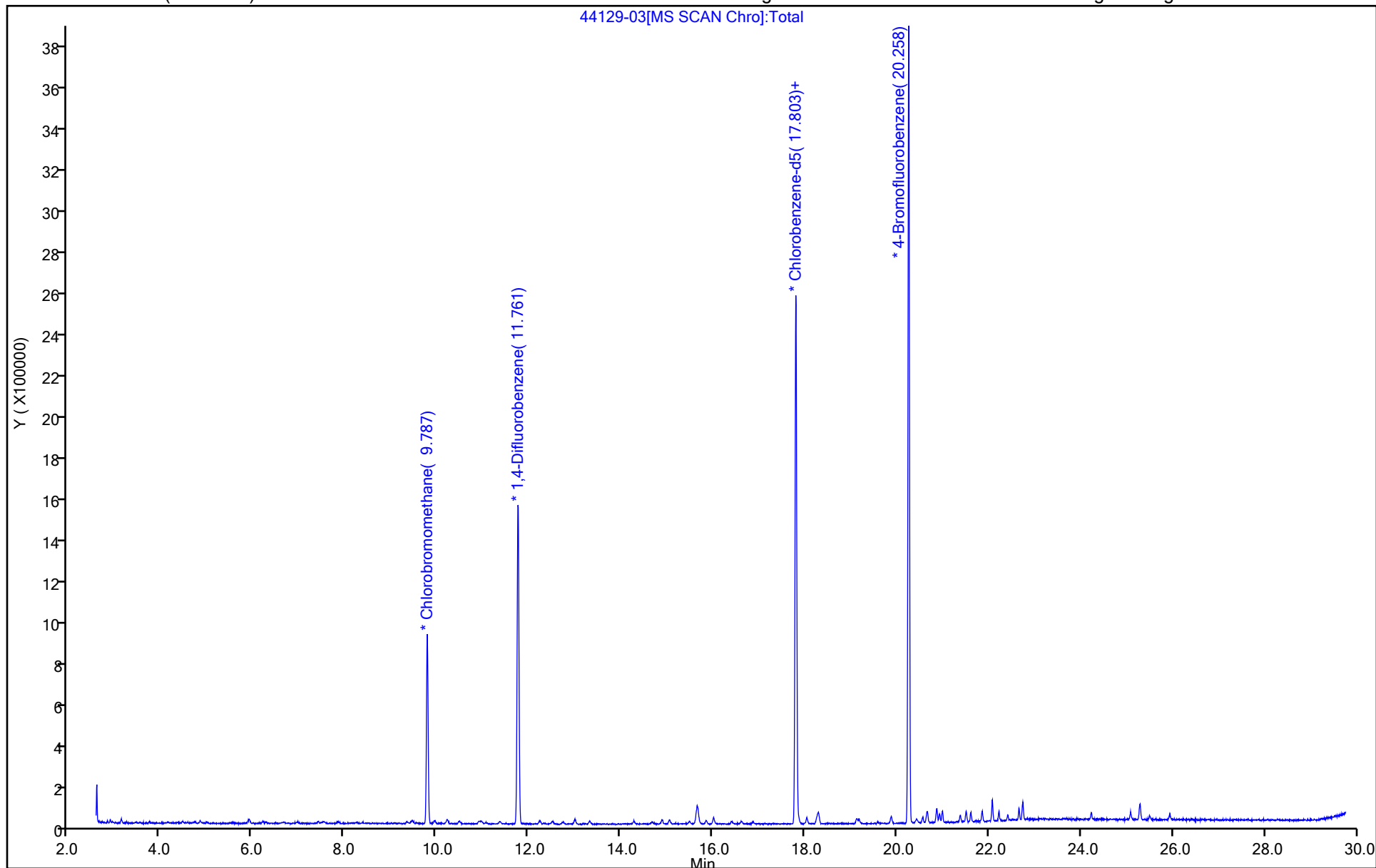
ALS Bottle#: 4

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 TestAmerica, Burlington

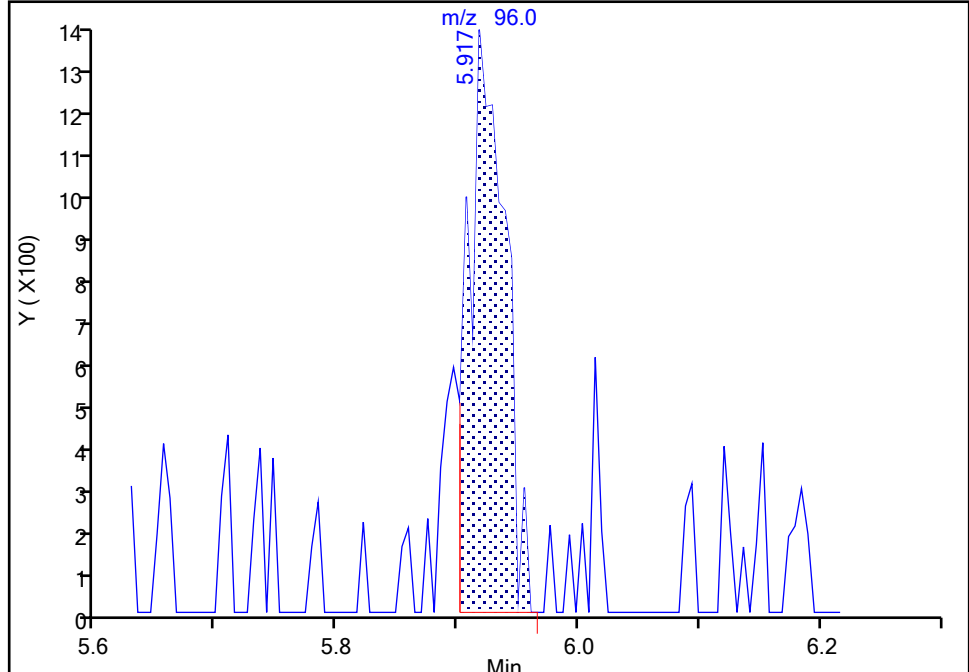
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Injection Date: 17-Dec-2020 18:04:30 Instrument ID: CHC.i  
Lims ID: ic  
Client ID:  
Operator ID: ggg ALS Bottle#: 4 Worklist Smp#: 3  
Purge Vol: 200.000 mL Dil. Factor: 1.0000  
Method: TO15\_MasterMethod\_(v1)\_CHC.i Limit Group: AI\_TO15\_ICAL  
Column: RTX-624 ( 0.32 mm) Detector: MS SCAN

**21 1,1-Dichloroethene, CAS: 75-35-4**

Signal: 1

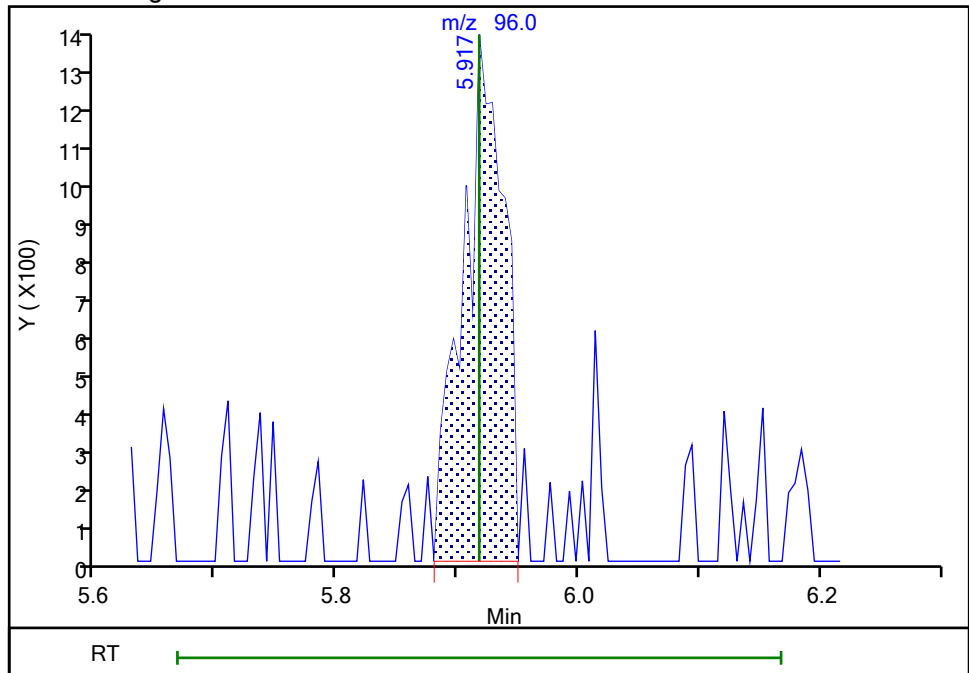
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Amount Units: ppb v/v

## Processing Integration Results



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Amount Units: ppb v/v

## Manual Integration Results



Reviewer: phamvu, 18-Dec-2020 08:39:40

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

## Eurofins TestAmerica, Burlington

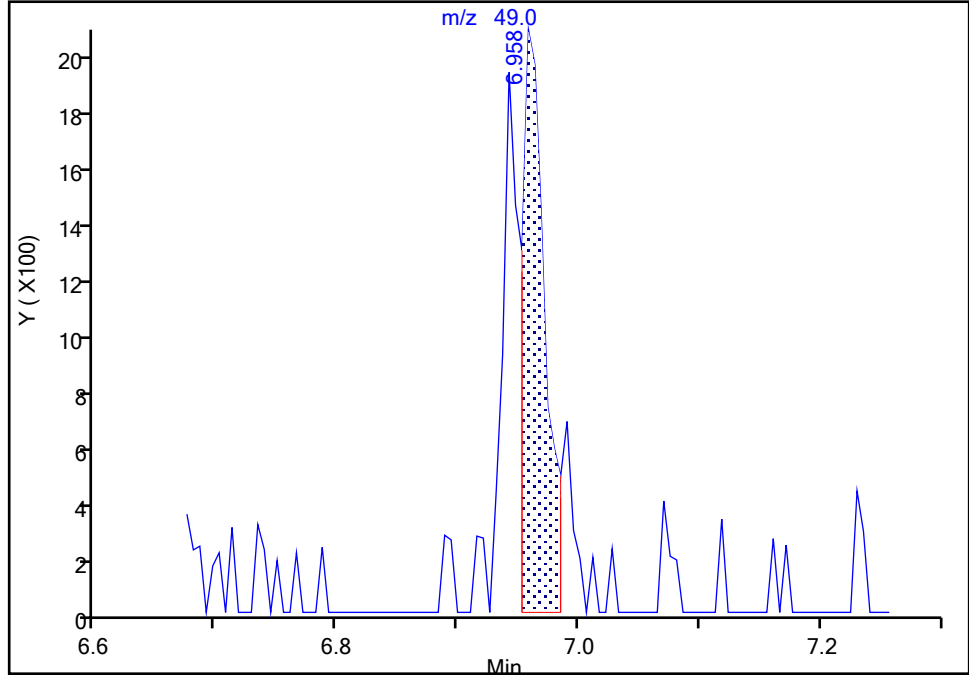
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Lims ID: ic  
Client ID:  
Operator ID: ggg ALS Bottle#: 4 Worklist Smp#: 3  
Purge Vol: 200.000 mL Dil. Factor: 1.0000  
Method: TO15\_MasterMethod\_(v1)\_CHC.i Limit Group: AI\_TO15\_ICAL  
Column: RTX-624 ( 0.32 mm) Detector: MS SCAN

**27 Methylene Chloride, CAS: 75-09-2**

Signal: 1

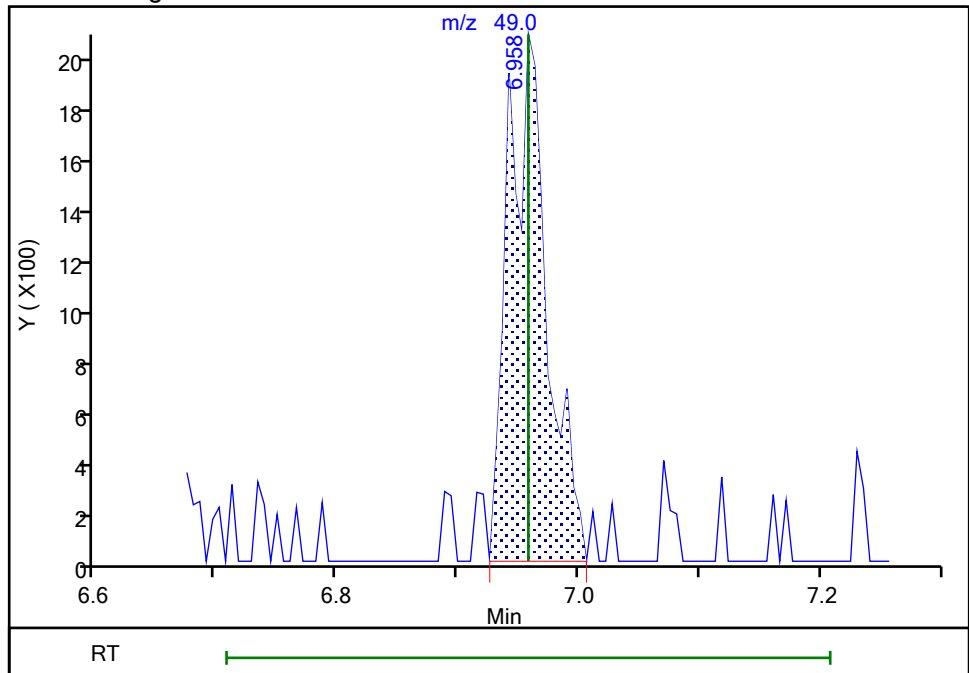
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Amount: 0.148867  
Amount Units: ppb v/v

## Processing Integration Results



RT: 6.96  
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Amount Units: ppb v/v

## Manual Integration Results



Reviewer: phamvu, 18-Dec-2020 08:40:05

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

## Eurofins TestAmerica, Burlington

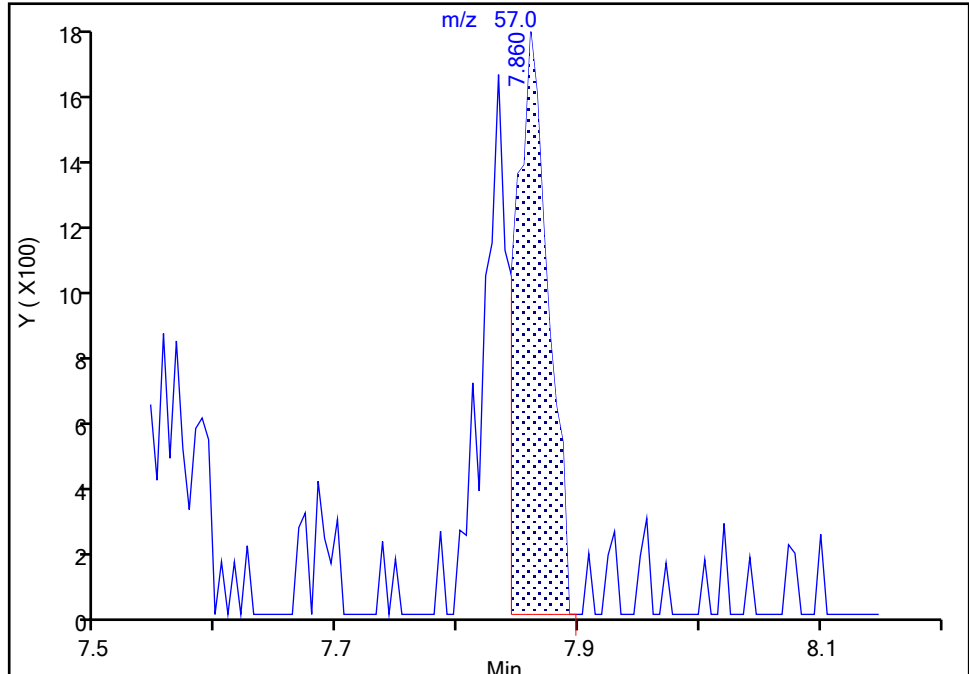
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Injection Date: 17-Dec-2020 18:04:30 Instrument ID: CHC.i  
Lims ID: ic  
Client ID:  
Operator ID: ggg ALS Bottle#: 4 Worklist Smp#: 3  
Purge Vol: 200.000 mL Dil. Factor: 1.0000  
Method: TO15\_MasterMethod\_(v1)\_CHC.i Limit Group: AI\_TO15\_ICAL  
Column: RTX-624 ( 0.32 mm) Detector: MS SCAN

**33 Hexane, CAS: 110-54-3**

Signal: 1

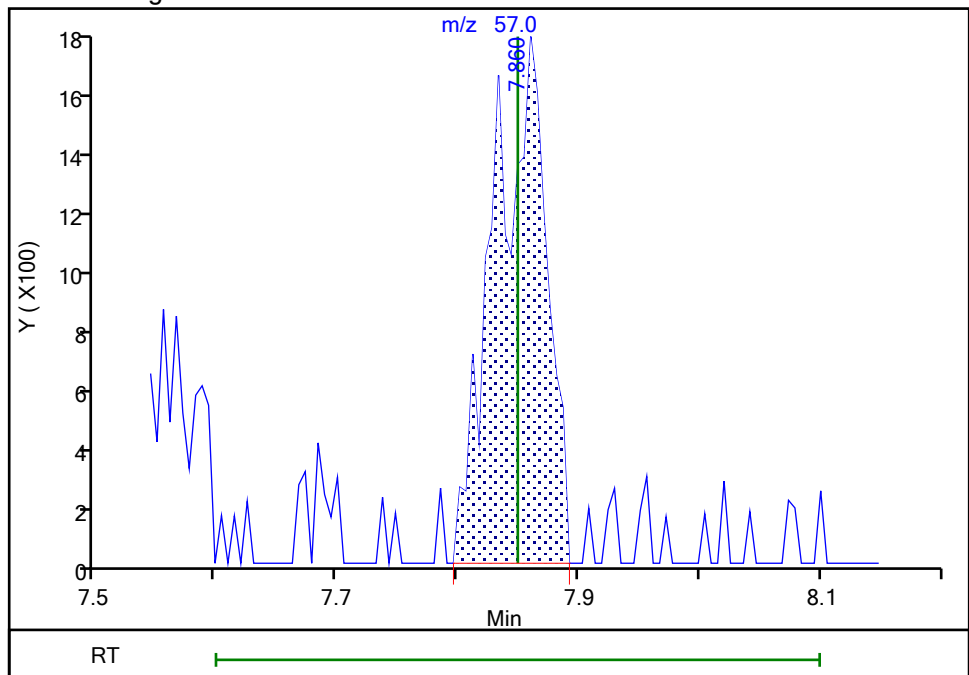
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Amount Units: ppb v/v

## Processing Integration Results



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Amount Units: ppb v/v

## Manual Integration Results



Reviewer: phamvu, 18-Dec-2020 08:40:19

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

## Eurofins TestAmerica, Burlington

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Injection Date: 17-Dec-2020 18:04:30

Instrument ID: CHC.i

Lims ID: ic

Client ID:

Operator ID: ggg

ALS Bottle#:

4

Worklist Smp#: 3

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

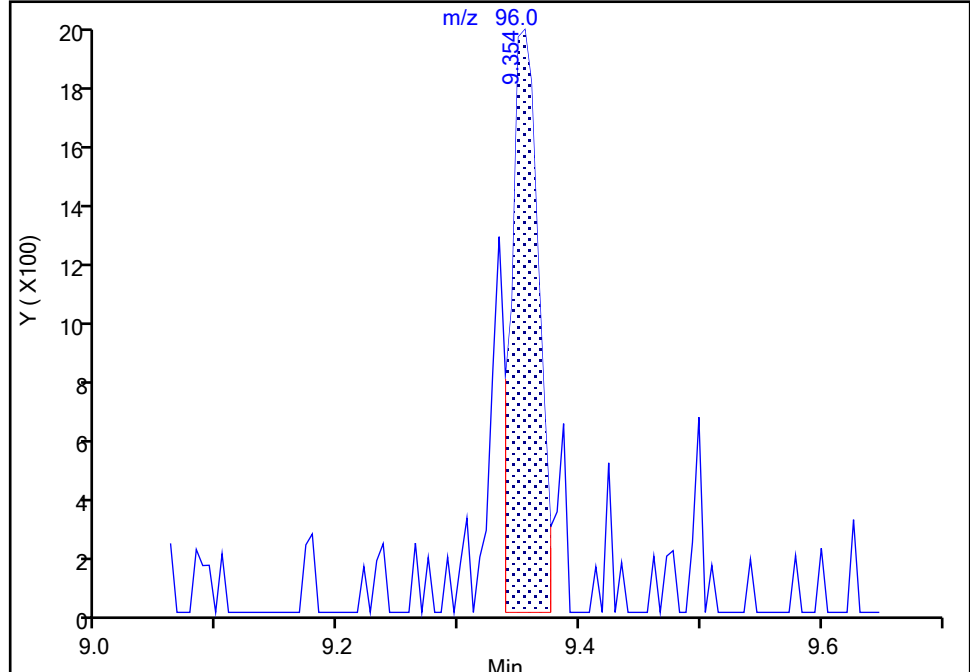
MS SCAN

**37 cis-1,2-Dichloroethene, CAS: 156-59-2**

Signal: 1

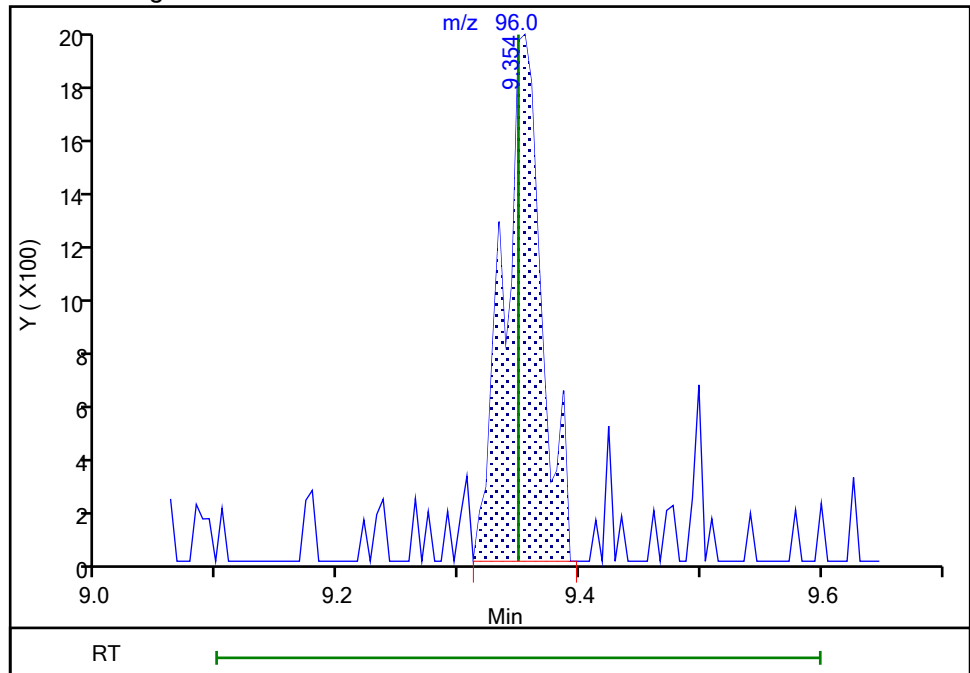
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Amount Units: ppb v/v

## Processing Integration Results



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Amount Units: ppb v/v

## Manual Integration Results



Reviewer: phamvu, 18-Dec-2020 08:40:29

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration



## Eurofins TestAmerica, Burlington

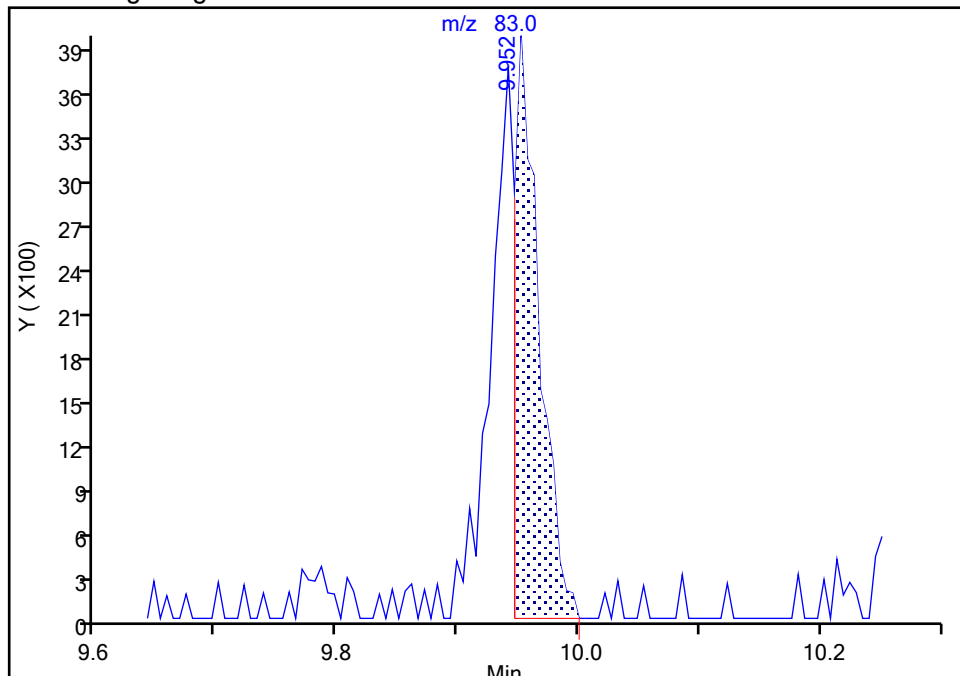
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Injection Date: 17-Dec-2020 18:04:30 Instrument ID: CHC.i  
Lims ID: ic  
Client ID:  
Operator ID: ggg ALS Bottle#: 4 Worklist Smp#: 3  
Purge Vol: 200.000 mL Dil. Factor: 1.0000  
Method: TO15\_MasterMethod\_(v1)\_CHC.i Limit Group: AI\_TO15\_ICAL  
Column: RTX-624 ( 0.32 mm) Detector: MS SCAN

**42 Chloroform, CAS: 67-66-3**

Signal: 1

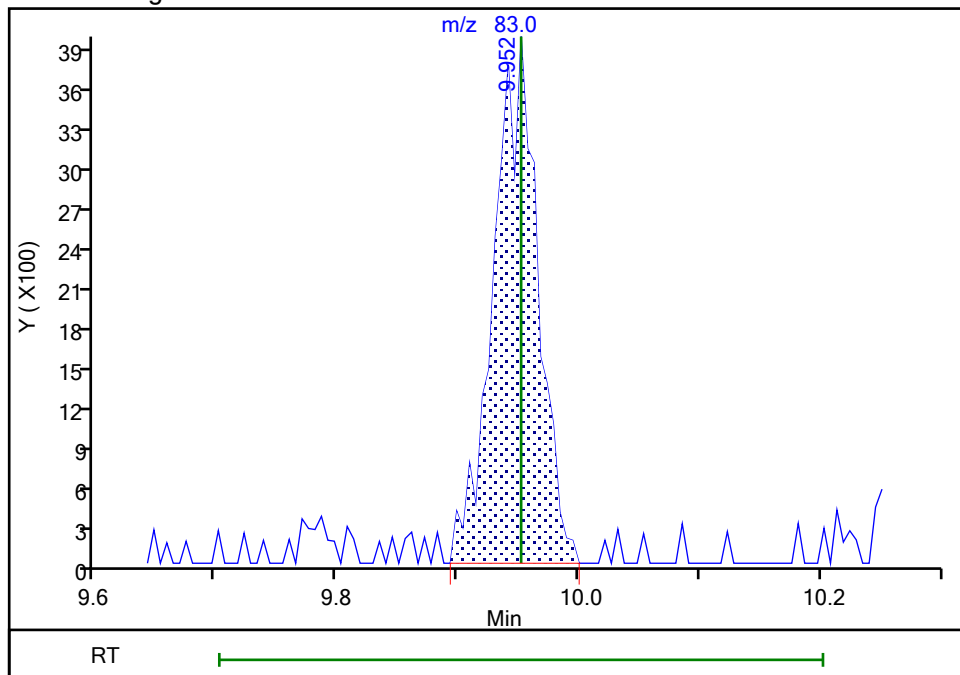
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Amount Units: ppb v/v

## Processing Integration Results



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Amount Units: ppb v/v

## Manual Integration Results



Reviewer: phamvu, 18-Dec-2020 08:40:44

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

## Eurofins TestAmerica, Burlington

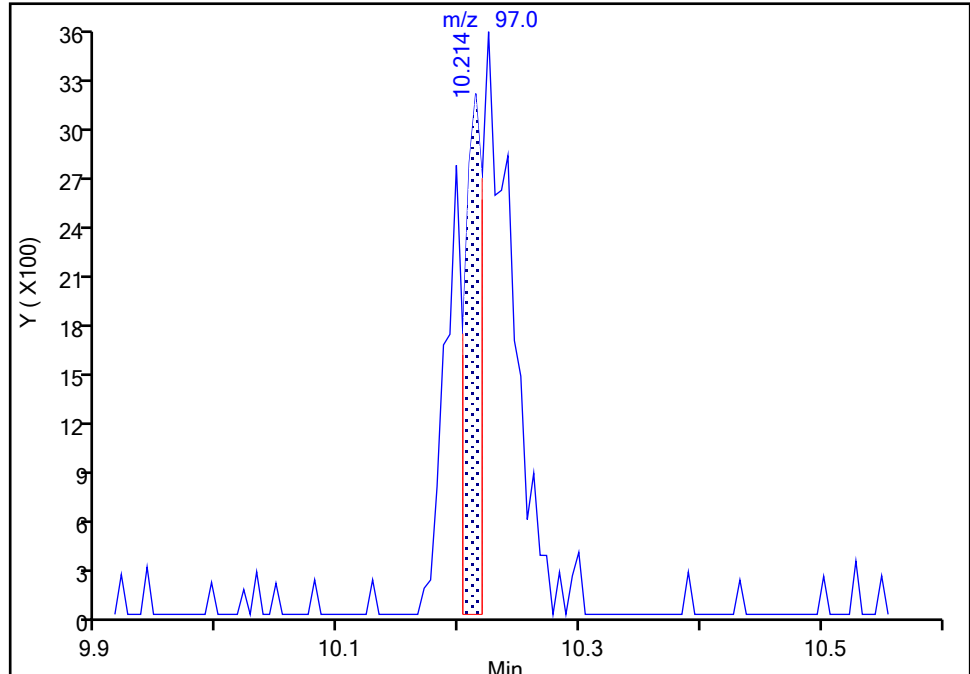
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Lims ID: ic  
Client ID:  
Operator ID: ggg ALS Bottle#: 4 Worklist Smp#: 3  
Purge Vol: 200.000 mL Dil. Factor: 1.0000  
Method: TO15\_MasterMethod\_(v1)\_CHC.i Limit Group: AI\_TO15\_ICAL  
Column: RTX-624 ( 0.32 mm) Detector: MS SCAN

**44 1,1,1-Trichloroethane, CAS: 71-55-6**

Signal: 1

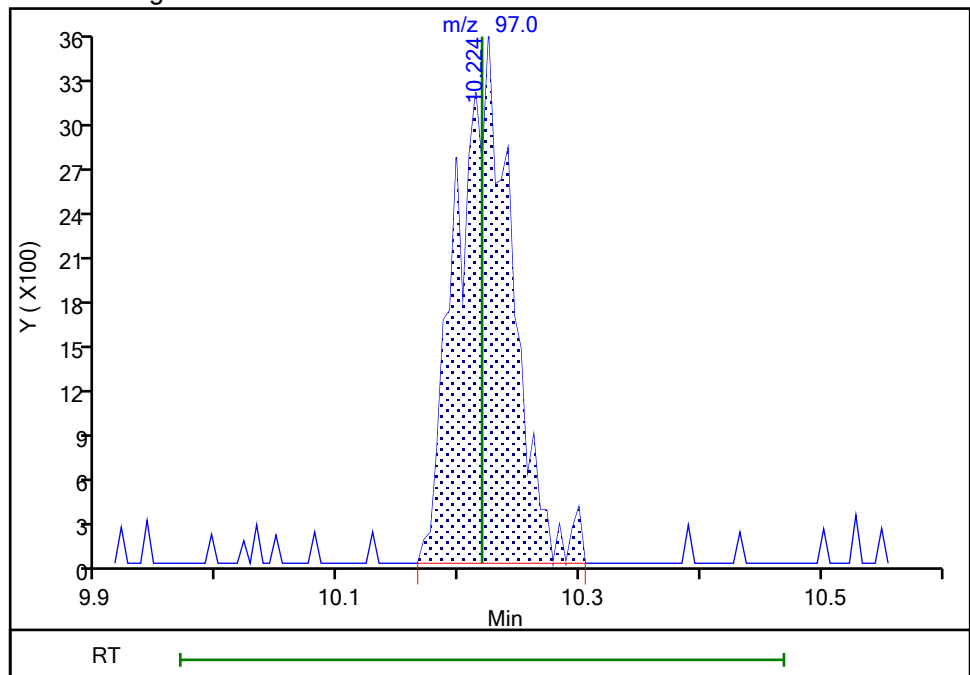
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Amount Units: ppb v/v

## Processing Integration Results



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Amount Units: ppb v/v

## Manual Integration Results



Reviewer: phamvu, 18-Dec-2020 08:40:55

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

## Eurofins TestAmerica, Burlington

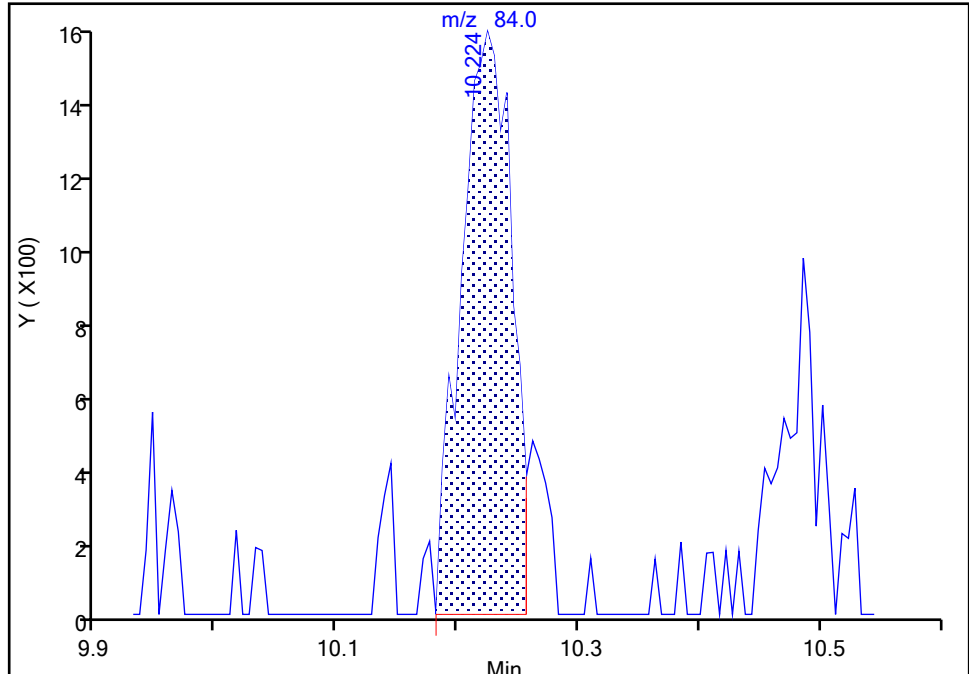
Data File: \\chromfs\Burlington\ChromData\CHC.i\20201217-44129.b\44129-03.D  
Injection Date: 17-Dec-2020 18:04:30 Instrument ID: CHC.i  
Lims ID: ic  
Client ID:  
Operator ID: ggg ALS Bottle#: 4 Worklist Smp#: 3  
Purge Vol: 200.000 mL Dil. Factor: 1.0000  
Method: TO15\_MasterMethod\_(v1)\_CHC.i Limit Group: AI\_TO15\_ICAL  
Column: RTX-624 ( 0.32 mm) Detector: MS SCAN

**43 Cyclohexane, CAS: 110-82-7**

Signal: 1

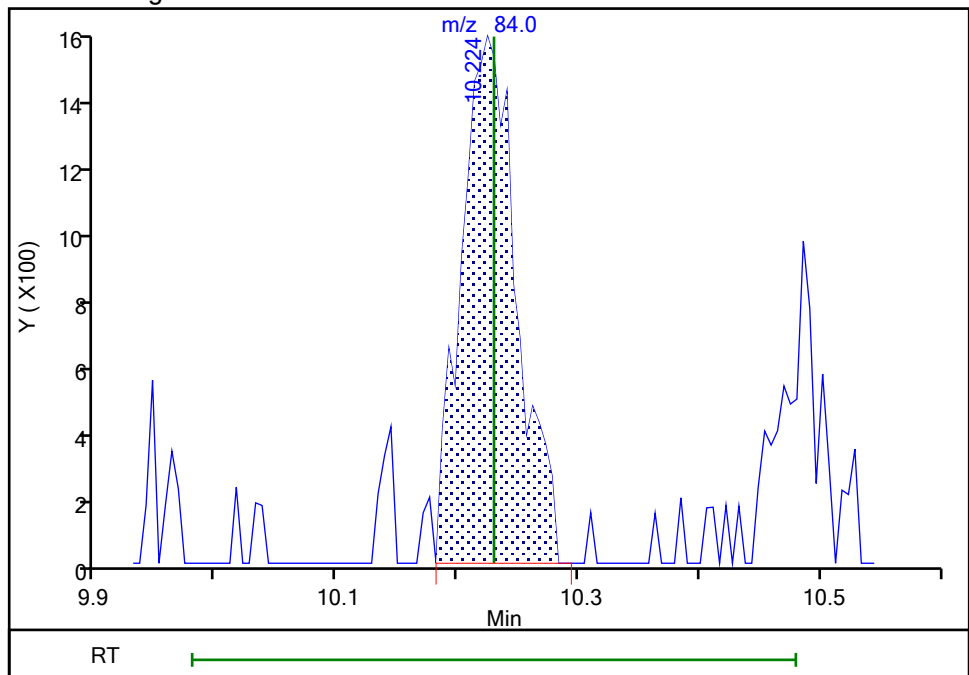
RT: 10.22  
Area: 4568  
Amount: 0.205477  
Amount Units: ppb v/v

## Processing Integration Results



RT: 10.22  
Area: 5050  
Amount: 0.197655  
Amount Units: ppb v/v

## Manual Integration Results



Reviewer: phamvu, 18-Dec-2020 08:41:05

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

## Eurofins TestAmerica, Burlington

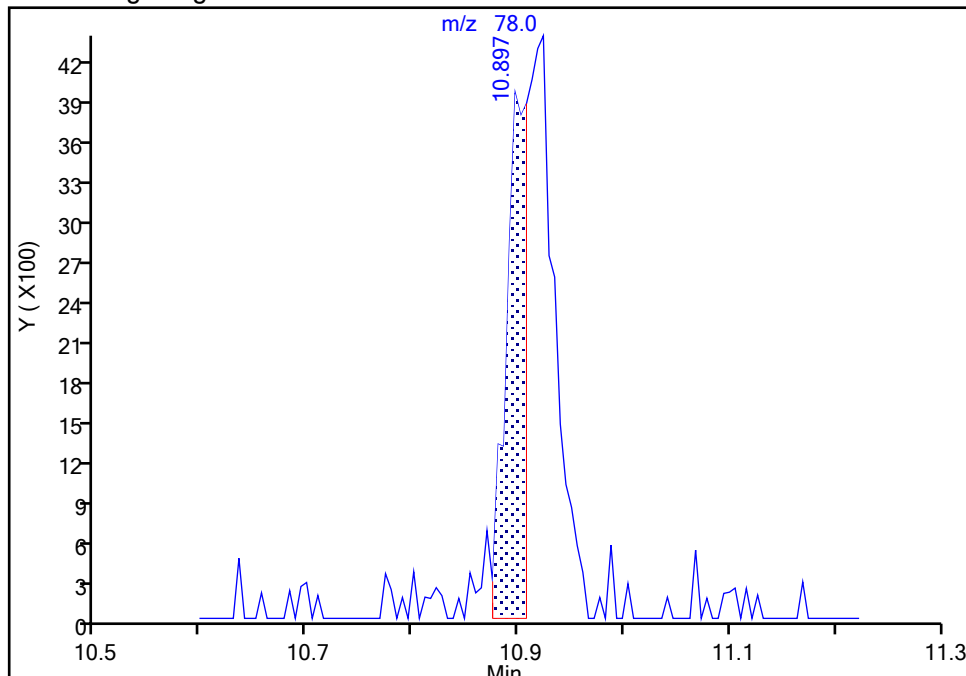
Data File: \\chromfs\Burlington\ChromData\CHC.i\20201217-44129.b\44129-03.D  
Injection Date: 17-Dec-2020 18:04:30 Instrument ID: CHC.i  
Lims ID: ic  
Client ID:  
Operator ID: ggg ALS Bottle#: 4 Worklist Smp#: 3  
Purge Vol: 200.000 mL Dil. Factor: 1.0000  
Method: TO15\_MasterMethod\_(v1)\_CHC.i Limit Group: AI\_TO15\_ICAL  
Column: RTX-624 ( 0.32 mm) Detector: MS SCAN

**47 Benzene, CAS: 71-43-2**

Signal: 1

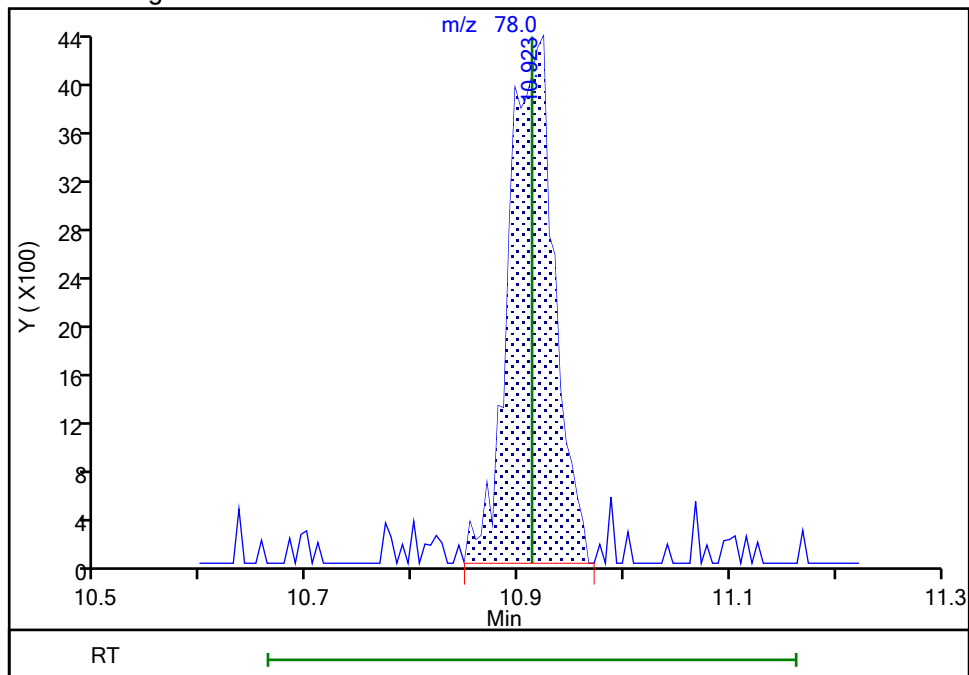
RT: 10.90  
Area: 5550  
Amount: 0.099615  
Amount Units: ppb v/v

## Processing Integration Results



RT: 10.92  
Area: 13123  
Amount: 0.211965  
Amount Units: ppb v/v

## Manual Integration Results



Reviewer: phamvu, 18-Dec-2020 08:41:14

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

## Eurofins TestAmerica, Burlington

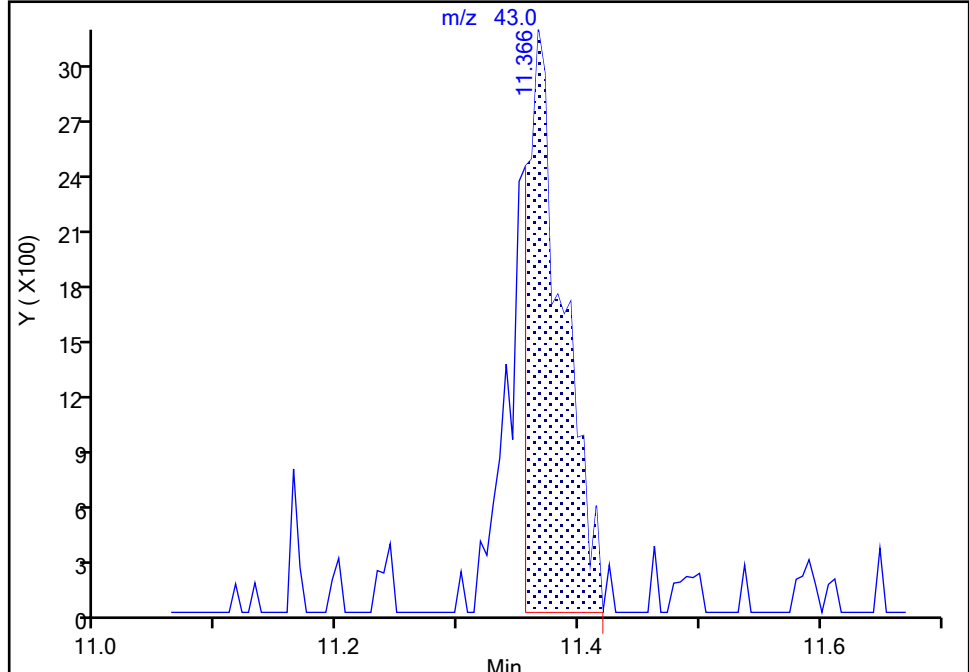
Data File: \\chromfs\Burlington\ChromData\CHC.i\20201217-44129.b\44129-03.D  
Injection Date: 17-Dec-2020 18:04:30 Instrument ID: CHC.i  
Lims ID: ic  
Client ID:  
Operator ID: ggg ALS Bottle#: 4 Worklist Smp#: 3  
Purge Vol: 200.000 mL Dil. Factor: 1.0000  
Method: TO15\_MasterMethod\_(v1)\_CHC.i Limit Group: AI\_TO15\_ICAL  
Column: RTX-624 ( 0.32 mm) Detector: MS SCAN

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

Signal: 1

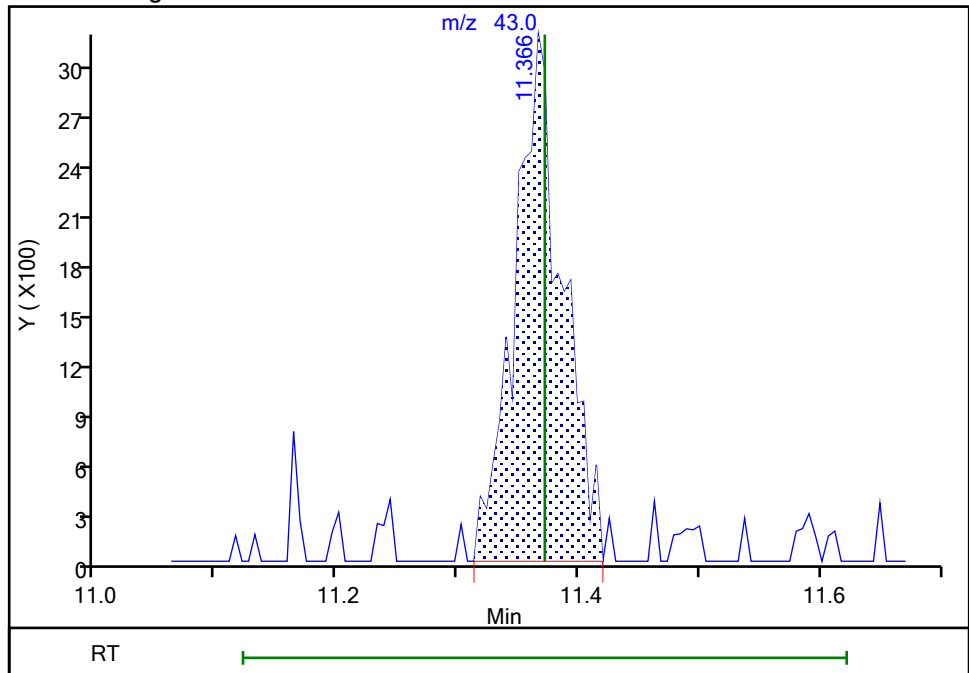
RT: 11.37  
Area: 6500  
Amount: 0.205507  
Amount Units: ppb v/v

## Processing Integration Results



RT: 11.37  
Area: 8655  
Amount: 0.231445  
Amount Units: ppb v/v

## Manual Integration Results



Reviewer: phamvu, 18-Dec-2020 08:41:26

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

## Eurofins TestAmerica, Burlington

Data File: \\chromfs\Burlington\ChromData\CHC.i\20201217-44129.b\44129-03.D

Injection Date: 17-Dec-2020 18:04:30

Instrument ID: CHC.i

Lims ID: ic

Client ID:

Operator ID: ggg

ALS Bottle#: 4

Worklist Smp#: 3

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)

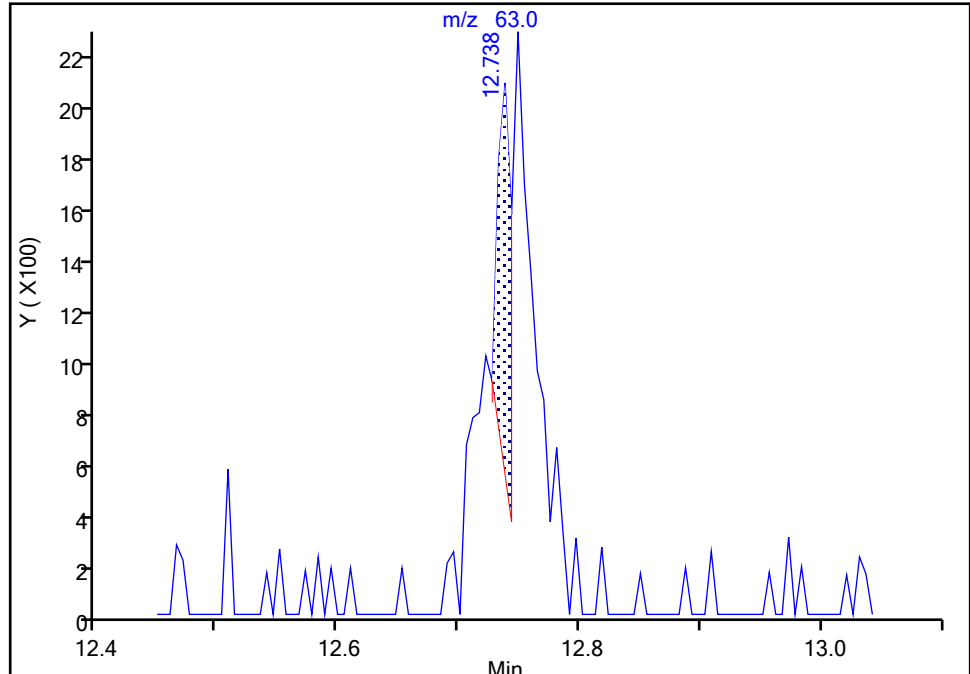
Detector: MS SCAN

## 54 1,2-Dichloropropane, CAS: 78-87-5

Signal: 1

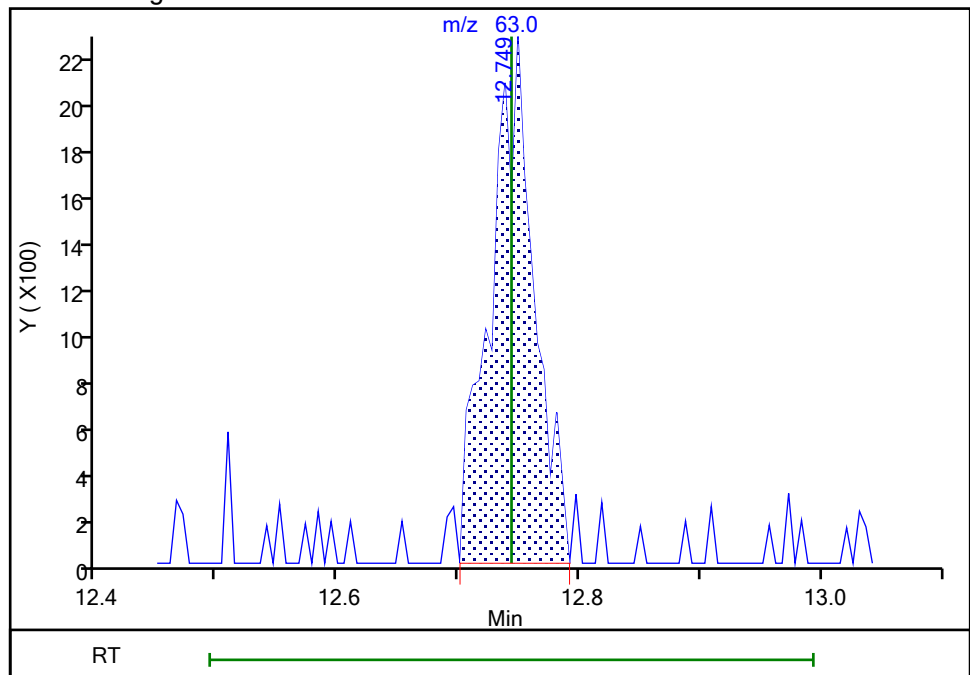
RT: 12.74  
Area: 1198  
Amount: 0.059168  
Amount Units: ppb v/v

## Processing Integration Results



RT: 12.75  
Area: 5692  
Amount: 0.220440  
Amount Units: ppb v/v

## Manual Integration Results



Reviewer: phamvu, 18-Dec-2020 08:41:42

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

## Eurofins TestAmerica, Burlington

Data File: \\chromfs\Burlington\ChromData\CHC.i\20201217-44129.b\44129-03.D

Injection Date: 17-Dec-2020 18:04:30

Instrument ID: CHC.i

Lims ID: ic

Client ID:

Operator ID: ggg

ALS Bottle#:

4

Worklist Smp#: 3

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)

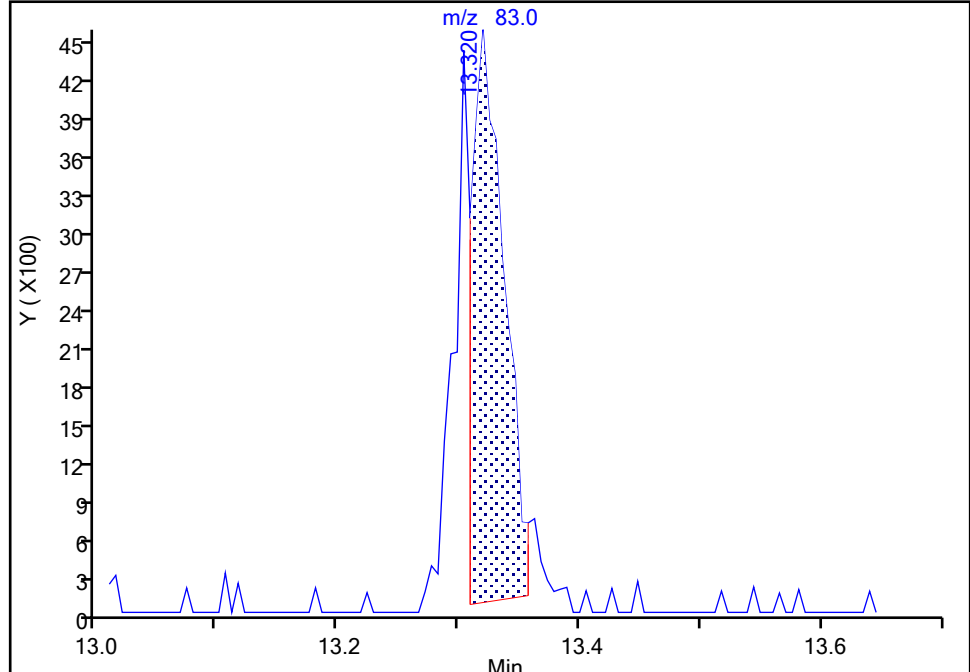
Detector: MS SCAN

**58 Dichlorobromomethane, CAS: 75-27-4**

Signal: 1

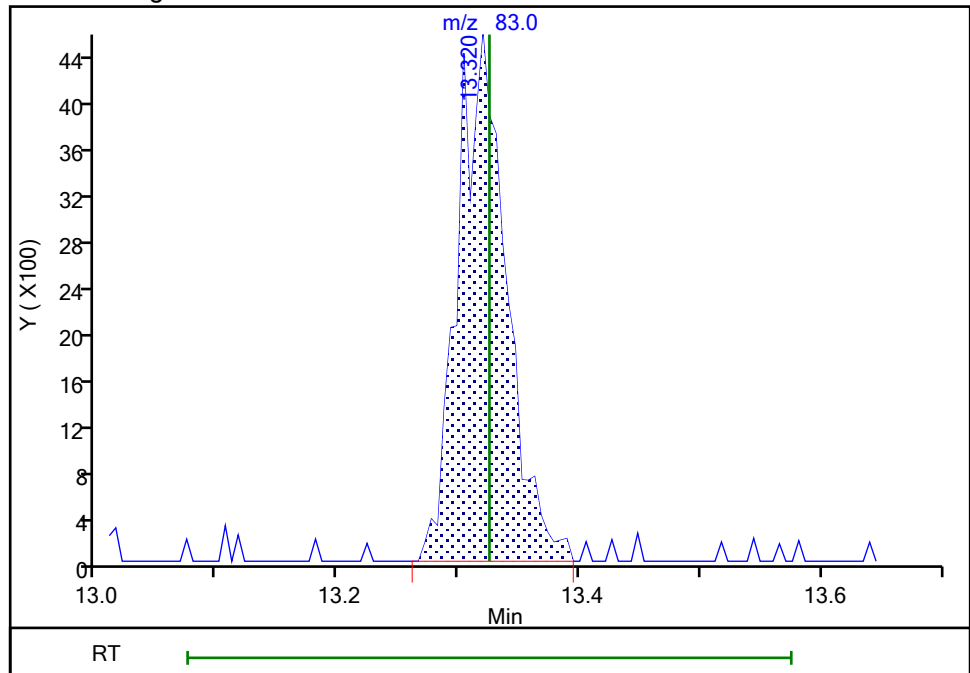
RT: 13.32  
Area: 8477  
Amount: 0.138402  
Amount Units: ppb v/v

## Processing Integration Results



RT: 13.32  
Area: 12827  
Amount: 0.206498  
Amount Units: ppb v/v

## Manual Integration Results



Reviewer: phamvu, 18-Dec-2020 08:42:11

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

## Eurofins TestAmerica, Burlington

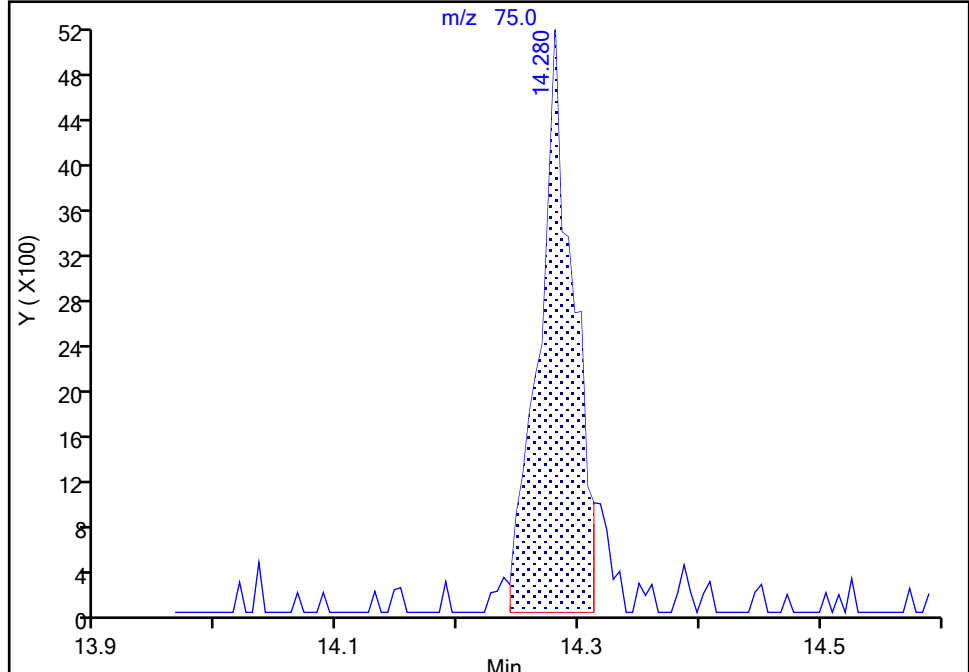
Data File: \\chromfs\Burlington\ChromData\CHC.i\20201217-44129.b\44129-03.D  
Injection Date: 17-Dec-2020 18:04:30 Instrument ID: CHC.i  
Lims ID: ic  
Client ID:  
Operator ID: ggg ALS Bottle#: 4 Worklist Smp#: 3  
Purge Vol: 200.000 mL Dil. Factor: 1.0000  
Method: TO15\_MasterMethod\_(v1)\_CHC.i Limit Group: AI\_TO15\_ICAL  
Column: RTX-624 ( 0.32 mm) Detector: MS SCAN

**60 cis-1,3-Dichloropropene, CAS: 10061-01-5**

Signal: 1

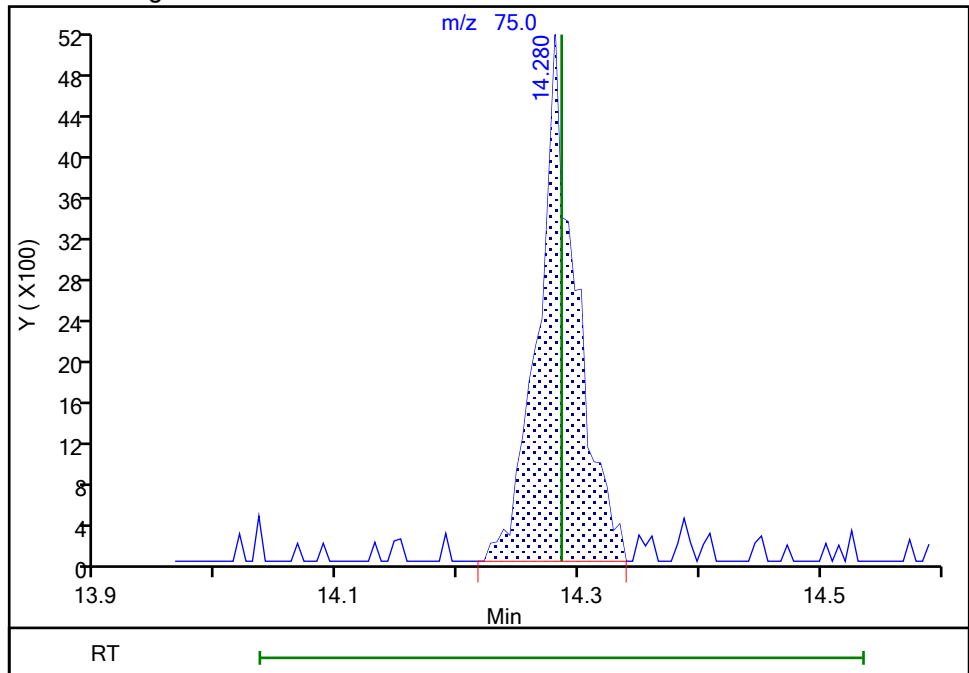
RT: 14.28  
Area: 10163  
Amount: 0.213288  
Amount Units: ppb v/v

## Processing Integration Results



RT: 14.28  
Area: 11137  
Amount: 0.213786  
Amount Units: ppb v/v

## Manual Integration Results



Reviewer: phamvu, 18-Dec-2020 08:42:20

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration



## Eurofins TestAmerica, Burlington

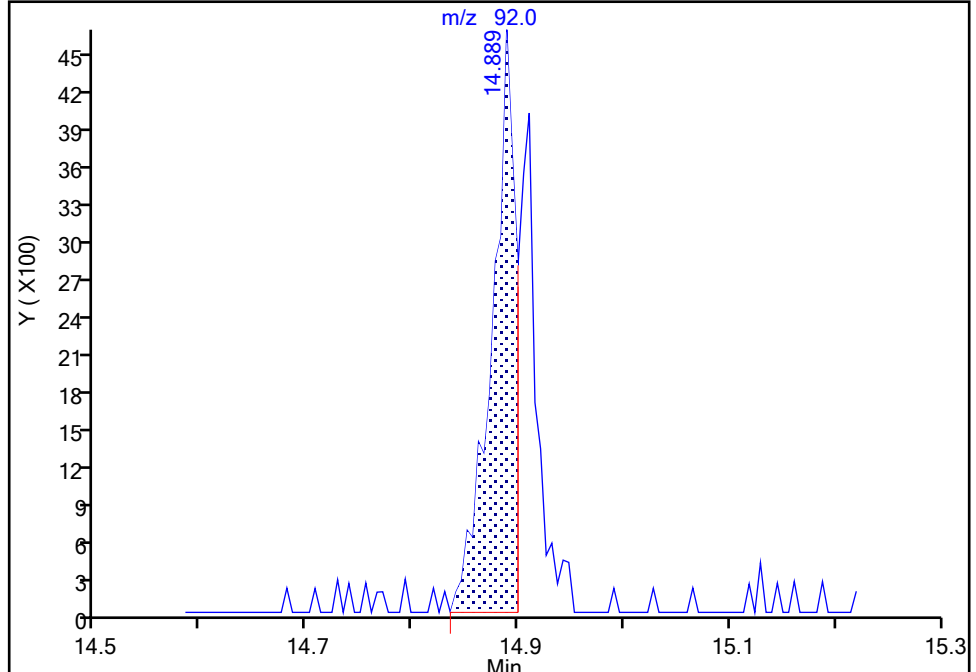
Data File: \\chromfs\Burlington\ChromData\CHC.i\20201217-44129.b\44129-03.D  
Injection Date: 17-Dec-2020 18:04:30 Instrument ID: CHC.i  
Lims ID: ic  
Client ID:  
Operator ID: ggg ALS Bottle#: 4 Worklist Smp#: 3  
Purge Vol: 200.000 mL Dil. Factor: 1.0000  
Method: TO15\_MasterMethod\_(v1)\_CHC.i Limit Group: AI\_TO15\_ICAL  
Column: RTX-624 ( 0.32 mm) Detector: MS SCAN

**65 Toluene, CAS: 108-88-3**

Signal: 1

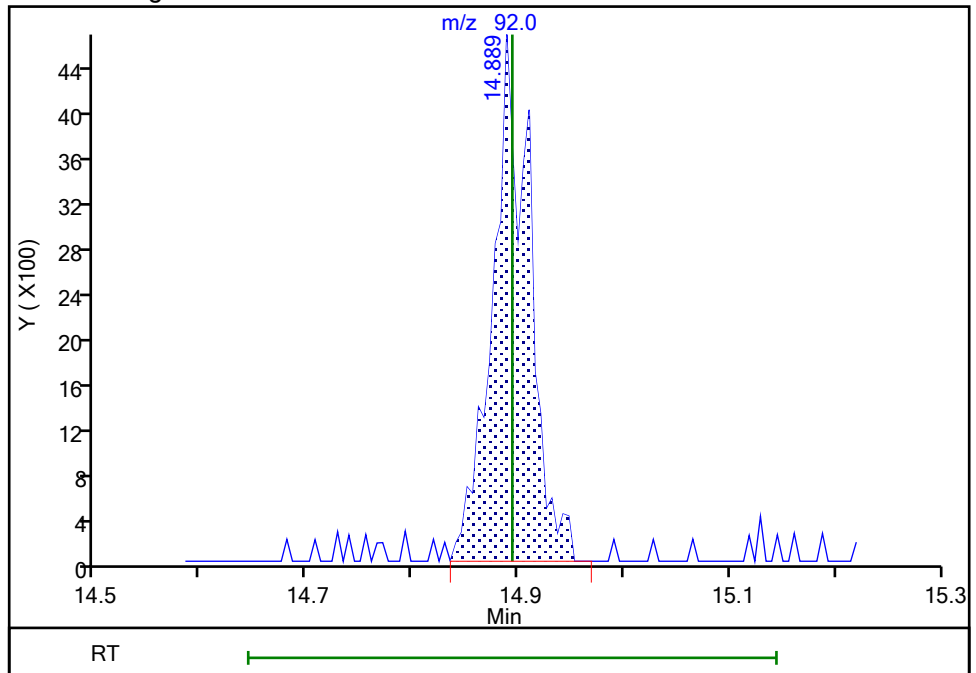
RT: 14.89  
Area: 7317  
Amount: 0.135426  
Amount Units: ppb v/v

## Processing Integration Results



RT: 14.89  
Area: 11317  
Amount: 0.183507  
Amount Units: ppb v/v

## Manual Integration Results



Reviewer: phamvu, 18-Dec-2020 08:42:31

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

## Eurofins TestAmerica, Burlington

Data File: \\chromfs\Burlington\ChromData\CHC.i\20201217-44129.b\44129-03.D

Injection Date: 17-Dec-2020 18:04:30

Instrument ID: CHC.i

Lims ID: ic

Client ID:

Operator ID: ggg

ALS Bottle#: 4

Worklist Smp#: 3

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

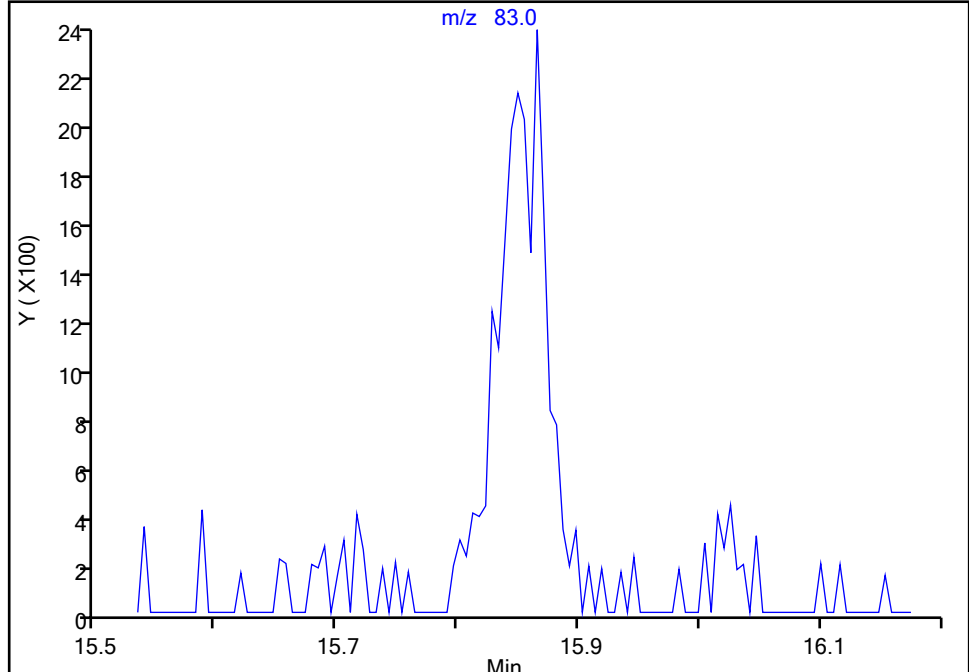
**67 1,1,2-Trichloroethane, CAS: 79-00-5**

Signal: 1

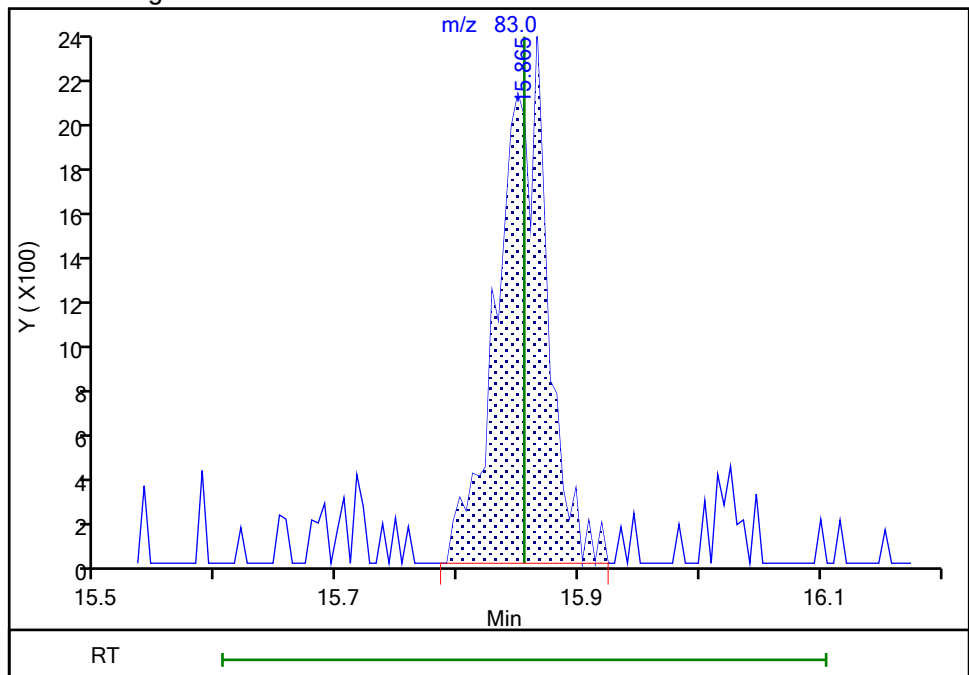
Not Detected

Expected RT: 15.85

## Processing Integration Results



## Manual Integration Results



RT: 15.87

Area: 6411

Amount: 0.220868

Amount Units: ppb v/v

Reviewer: phamvu, 18-Dec-2020 08:42:49

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

## Eurofins TestAmerica, Burlington

Data File: \\chromfs\Burlington\ChromData\CHC.i\20201217-44129.b\44129-03.D

Injection Date: 17-Dec-2020 18:04:30

Instrument ID: CHC.i

Lims ID: ic

Client ID:

Operator ID: ggg

ALS Bottle#:

4

Worklist Smp#: 3

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)

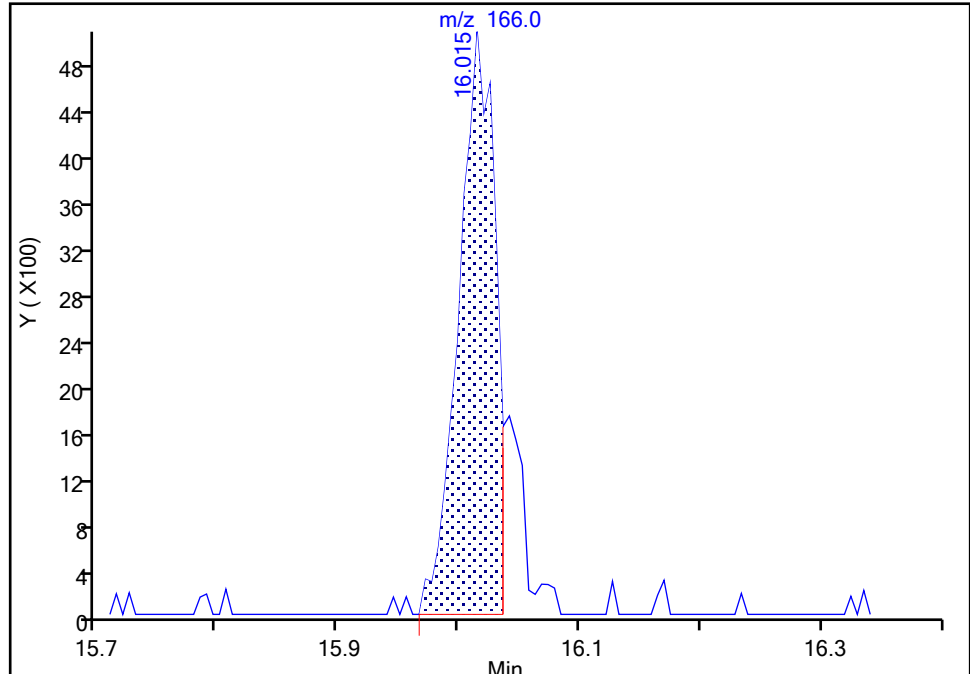
Detector: MS SCAN

**68 Tetrachloroethene, CAS: 127-18-4**

Signal: 1

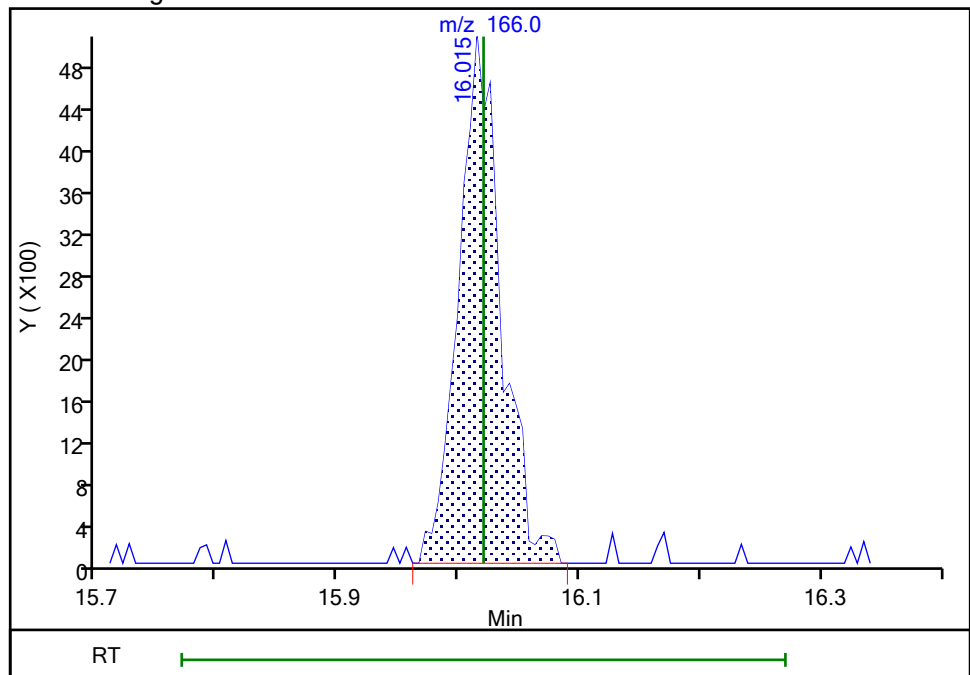
RT: 16.01  
Area: 10666  
Amount: 0.165223  
Amount Units: ppb v/v

## Processing Integration Results



RT: 16.01  
Area: 12493  
Amount: 0.189989  
Amount Units: ppb v/v

## Manual Integration Results



Reviewer: phamvu, 18-Dec-2020 08:42:59

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

## Eurofins TestAmerica, Burlington

Data File: \\chromfs\Burlington\ChromData\CHC.i\20201217-44129.b\44129-03.D

Injection Date: 17-Dec-2020 18:04:30

Instrument ID: CHC.i

Lims ID: ic

Client ID:

Operator ID: ggg

ALS Bottle#:

4

Worklist Smp#: 3

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)

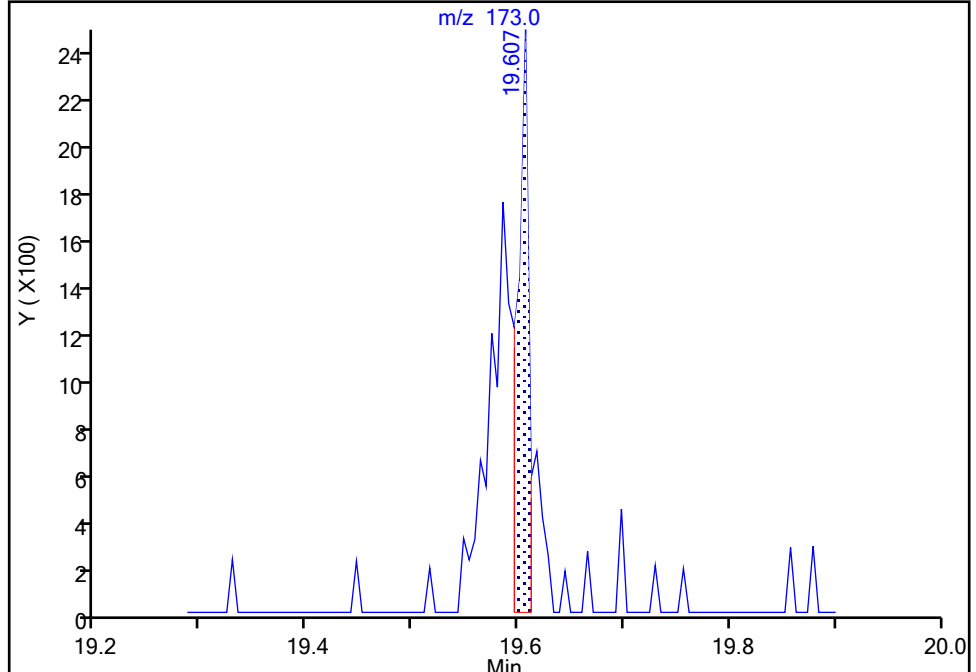
Detector: MS SCAN

**81 Bromoform, CAS: 75-25-2**

Signal: 1

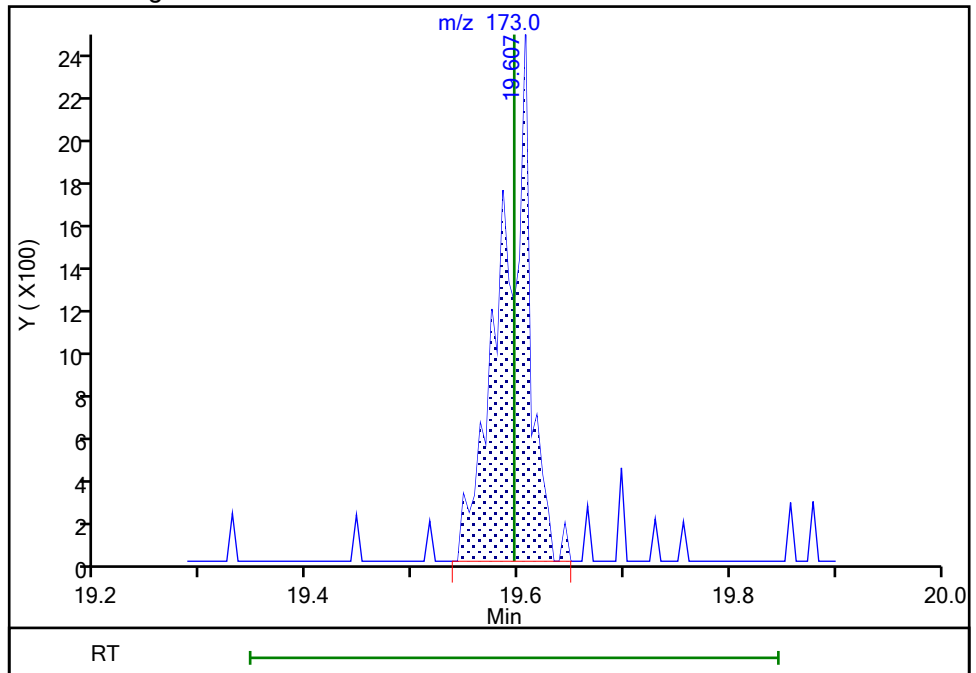
RT: 19.61  
Area: 1820  
Amount: 0.029830  
Amount Units: ppb v/v

## Processing Integration Results



RT: 19.61  
Area: 4619  
Amount: 0.067847  
Amount Units: ppb v/v

## Manual Integration Results



Reviewer: phamvu, 18-Dec-2020 08:43:16

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins TestAmerica, Burlington  
Target Compound Quantitation Report

Data File: \\chromfs\Burlington\ChromData\CHC.i\20201217-44129.b\44129-04.D  
 Lims ID: ic  
 Client ID:  
 Sample Type: IC Calib Level: 3  
 Inject. Date: 17-Dec-2020 18:58:30 ALS Bottle#: 5 Worklist Smp#: 4  
 Purge Vol: 200.000 mL Dil. Factor: 1.0000  
 Sample Info: 200-0044129-004  
 Misc. Info.: ic3  
 Operator ID: ggg Instrument ID: CHC.i  
 Sublist: chrom-TO15\_MasterMethod\_(v1)\_CHC.i\*sub10  
 Method: \\chromfs\Burlington\ChromData\CHC.i\20201217-44129.b\TO15\_MasterMethod\_(v1)\_CHC.i.m  
 Limit Group: AI\_TO15\_ICAL  
 Last Update: 28-Dec-2020 11:07:29 Calib Date: 18-Dec-2020 04:03:30  
 Integrator: RTE ID Type: Deconvolution ID  
 Quant Method: Internal Standard Quant By: Initial Calibration  
 Last ICal File: \\chromfs\Burlington\ChromData\CHC.i\20201217-44129.b\44129-14.D  
 Column 1 : RTX-624 ( 0.32 mm) Det: MS SCAN  
 Process Host: CTX1638

First Level Reviewer: phamvu

Date: 18-Dec-2020 08:49:01

| 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  | 2.838     | 2.833         | 0.005         | 96 | 7120     | 0.4648          | 0.6895            |       |
| 2 Dichlorodifluoromethane          | 85  | 2.891     | 2.891         | 0.000         | 99 | 28827    | 0.4702          | 0.5572            |       |
| 3 Chlorodifluoromethane            | 51  | 2.934     | 2.934         | 0.000         | 98 | 15007    | 0.4720          | 0.5870            |       |
| 4 1,2-Dichloro-1,1,2,2-tetrafluoro | 85  | 3.137     | 3.132         | 0.005         | 88 | 24951    | 0.4689          | 0.5331            |       |
| 5 Chloromethane                    | 50  | 3.244     | 3.244         | 0.000         | 99 | 6640     | 0.4918          | 0.6388            |       |
| 6 Butane                           | 43  | 3.436     | 3.430         | 0.006         | 89 | 9437     | 0.4666          | 0.5717            |       |
| 7 Vinyl chloride                   | 62  | 3.457     | 3.462         | -0.005        | 96 | 6106     | 0.4680          | 0.4593            |       |
| 8 Butadiene                        | 54  | 3.537     | 3.532         | 0.005         | 87 | 5205     | 0.4558          | 0.5080            |       |
| 10 Bromomethane                    | 94  | 4.130     | 4.140         | -0.010        | 95 | 7581     | 0.4644          | 0.5655            |       |
| 11 Chloroethane                    | 64  | 4.359     | 4.359         | 0.000         | 67 | 3661     | 0.4680          | 0.6548            |       |
| 12 2-Methylbutane                  | 43  | 4.455     | 4.460         | -0.005        | 90 | 7899     | 0.4702          | 0.6129            |       |
| 13 Vinyl bromide                   | 106 | 4.727     | 4.727         | 0.000         | 90 | 6352     | 0.4693          | 0.4767            |       |
| 14 Trichlorofluoromethane          | 101 | 4.839     | 4.845         | -0.006        | 94 | 28701    | 0.4756          | 0.5389            |       |
| 16 Pentane                         | 43  | 4.994     | 4.999         | -0.005        | 92 | 11099    | 0.4563          | 0.5498            |       |
| 17 Ethanol                         | 45  | 5.458     | 5.437         | 0.021         | 96 | 32541    | 4.51            | 5.75              |       |
| 18 Ethyl ether                     | 59  | 5.555     | 5.528         | 0.027         | 90 | 5371     | 0.4540          | 0.5789            |       |
| 19 Acrolein                        | 56  | 5.832     | 5.821         | 0.011         | 42 | 2312     | 0.4378          | 0.4871            |       |
| 20 1,1,2-Trichloro-1,2,2-trifluoro | 101 | 5.912     | 5.907         | 0.005         | 95 | 21570    | 0.4725          | 0.5791            |       |
| 21 1,1-Dichloroethene              | 96  | 5.912     | 5.917         | -0.005        | 91 | 8087     | 0.4630          | 0.5335            |       |
| 22 Acetone                         | 43  | 6.174     | 6.142         | 0.032         | 99 | 28740    | 0.4612          | 1.33              |       |
| 23 Carbon disulfide                | 76  | 6.286     | 6.280         | 0.006         | 98 | 22749    | 0.4576          | 0.5427            |       |
| 24 Isopropyl alcohol               | 45  | 6.590     | 6.531         | 0.059         | 90 | 13196    | 0.4603          | 0.6262            |       |
| 25 3-Chloro-1-propene              | 41  | 6.675     | 6.670         | 0.005         | 90 | 10340    | 0.4797          | 0.5453            | M     |
| 26 Acetonitrile                    | 41  | 6.745     | 6.739         | 0.006         | 89 | 5609     | 0.4459          | 0.6424            |       |
| 27 Methylene Chloride              | 49  | 6.947     | 6.958         | -0.011        | 94 | 8763     | 0.4630          | 0.5161            |       |
| 28 2-Methyl-2-propanol             | 59  | 7.417     | 7.332         | 0.085         | 82 | 17061    | 0.4855          | 0.5829            |       |
| 31 trans-1,2-Dichloroethene        | 61  | 7.412     | 7.422         | -0.010        | 95 | 12863    | 0.4594          | 0.5222            |       |
| 29 Methyl tert-butyl ether         | 73  | 7.508     | 7.444         | 0.064         | 92 | 25999    | 0.4707          | 0.5253            |       |
| 32 Acrylonitrile                   | 53  | 7.508     | 7.502         | 0.006         | 45 | 5773     | 0.4554          | 0.6432            | M     |
| 33 Hexane                          | 57  | 7.839     | 7.849         | -0.010        | 87 | 11448    | 0.4770          | 0.5313            |       |

| Compound                       | Sig | RT (min.) | Adj RT (min.)   | Dlt RT (min.) | Q      | Response | Cal Amt ppb v/v | OnCol Amt ppb v/v | Flags |
|--------------------------------|-----|-----------|-----------------|---------------|--------|----------|-----------------|-------------------|-------|
| 34 1,1-Dichloroethane          | 63  | 8.255     | 8.255           | 0.000         | 98     | 15442    | 0.4504          | 0.5067            |       |
| 35 Vinyl acetate               | 43  | 8.378     | 8.362           | 0.016         | 99     | 22939    | 0.4680          | 0.6083            |       |
| 37 cis-1,2-Dichloroethene      | 96  | 9.344     | 9.349           | -0.005        | 93     | 11110    | 0.4549          | 0.5557            | M     |
| 38 2-Butanone (MEK)            | 72  | 9.445     | 9.408           | 0.037         | 97     | 4035     | 0.4657          | 0.5165            |       |
| 39 Ethyl acetate               | 88  | 9.515     | 9.493           | 0.021         | 96     | 315      | 0.4563          | 0.2135            |       |
| * 40 Chlorobromomethane        | 128 | 9.787     | 9.792           | -0.005        | 83     | 321032   | 20.0            | 20.0              |       |
| 41 Tetrahydrofuran             | 42  | 9.915     | 9.867           | 0.048         | 51     | 11209    | 0.4500          | 0.6440            | M     |
| 42 Chloroform                  | 83  | 9.941     | 9.952           | -0.011        | 97     | 23470    | 0.4549          | 0.4989            | M     |
| S 30 1,2-Dichloroethene, Total | 61  |           |                 |               | 0      |          | 0.9143          | 1.08              |       |
| 44 1,1,1-Trichloroethane       | 97  | 10.214    | 10.219          | -0.005        | 94     | 29618    | 0.4590          | 0.5279            |       |
| 43 Cyclohexane                 | 84  | 10.219    | 10.230          | -0.011        | 71     | 15515    | 0.4572          | 0.5899            | M     |
| 45 Carbon tetrachloride        | 117 | 10.486    | 10.486          | 0.000         | 94     | 30917    | 0.4576          | 0.4826            |       |
| 47 Benzene                     | 78  | 10.907    | 10.913          | -0.006        | 90     | 32443    | 0.4653          | 0.5090            | M     |
| 46 Isooctane                   | 57  | 10.961    | 10.961          | 0.000         | 95     | 50192    | 0.4716          | 0.5296            |       |
| 48 1,2-Dichloroethane          | 62  | 11.068    | 11.068          | 0.000         | 97     | 18687    | 0.4666          | 0.5324            |       |
| 49 n-Heptane                   | 43  | 11.361    | 11.372          | -0.011        | 90     | 22130    | 0.4734          | 0.5748            | M     |
| * 50 1,4-Difluorobenzene       | 114 | 11.761    | 11.767          | -0.006        | 95     | 1851721  | 20.0            | 20.0              |       |
| 53 Trichloroethene             | 95  | 12.231    | 12.236          | -0.005        | 95     | 19236    | 0.4743          | 0.5372            | M     |
| 52 n-Butanol                   | 56  | 12.290    | 12.268          | 0.022         | 85     | 11253    | 0.4301          | 0.8852            |       |
| 54 1,2-Dichloropropane         | 63  | 12.733    | 12.743          | -0.010        | 80     | 14085    | 0.4644          | 0.5299            | M     |
| 55 Methyl methacrylate         | 69  | 13.000    | 12.983          | 0.017         | 80     | 12287    | 0.4576          | 0.4748            |       |
| 57 Dibromomethane              | 174 | 13.000    | 12.994          | 0.006         | 92     | 21254    | 0.4639          | 0.5014            | M     |
| 56 1,4-Dioxane                 | 88  | 13.133    | 13.042          | 0.091         | 91     | 7972     | 0.4765          | 0.5763            | M     |
| 58 Dichlorobromomethane        | 83  | 13.320    | 13.325          | -0.005        | 97     | 33224    | 0.4761          | 0.5196            |       |
| 60 cis-1,3-Dichloropropene     | 75  | 14.270    | 14.286          | -0.016        | 97     | 26364    | 0.4680          | 0.4916            | M     |
| 61 4-Methyl-2-pentanone (MIBK) | 43  | 14.654    | 14.622          | 0.032         | 93     | 33282    | 0.4612          | 0.5310            |       |
| A 63 Toluene Range             | 1   | 14.894    | (14.854-14.934) | 0             | 151151 | NC       | NC              |                   |       |
| 65 Toluene                     | 92  | 14.883    | 14.894          | -0.011        | 92     | 33407    | 0.4576          | 0.5327            |       |
| A 62 C8 Range                  | 1   | 15.054    | (15.004-15.104) | 0             | 173437 | NC       | NC              |                   |       |
| 64 n-Octane                    | 43  | 15.049    | 15.054          | -0.005        | 93     | 37614    | 0.4653          | 0.5430            |       |
| 66 trans-1,3-Dichloropropene   | 75  | 15.492    | 15.492          | 0.000         | 95     | 23296    | 0.4450          | 0.4545            |       |
| 67 1,1,2-Trichloroethane       | 83  | 15.855    | 15.855          | 0.000         | 95     | 15858    | 0.4720          | 0.5372            |       |
| 68 Tetrachloroethene           | 166 | 16.026    | 16.020          | 0.006         | 95     | 32815    | 0.4729          | 0.4907            |       |
| 69 2-Hexanone                  | 43  | 16.388    | 16.372          | 0.016         | 91     | 36731    | 0.4500          | 0.5930            |       |
| 71 Chlorodibromomethane        | 129 | 16.623    | 16.623          | 0.000         | 96     | 35423    | 0.4360          | 0.4767            |       |
| 72 Ethylene Dibromide          | 107 | 16.879    | 16.874          | 0.005         | 99     | 30241    | 0.4779          | 0.5255            |       |
| * 74 Chlorobenzene-d5          | 117 | 17.803    | 17.808          | -0.005        | 88     | 2072294  | 20.0            | 20.0              |       |
| 75 Chlorobenzene               | 112 | 17.861    | 17.867          | -0.006        | 91     | 46514    | 0.4725          | 0.5147            |       |
| 76 Ethylbenzene                | 91  | 18.043    | 18.043          | 0.000         | 99     | 76745    | 0.4603          | 0.5062            |       |
| 77 n-Nonane                    | 57  | 18.251    | 18.256          | -0.005        | 89     | 36469    | 0.4720          | 0.5290            |       |
| 78 m-Xylene & p-Xylene         | 106 | 18.304    | 18.294          | 0.010         | 0      | 58139    | 0.9260          | 1.01              |       |
| 79 o-Xylene                    | 106 | 19.137    | 19.126          | 0.011         | 96     | 28928    | 0.4666          | 0.5094            |       |
| 80 Styrene                     | 104 | 19.185    | 19.174          | 0.011         | 98     | 38404    | 0.4648          | 0.4340            | M     |
| 81 Bromoform                   | 173 | 19.596    | 19.596          | 0.000         | 96     | 33043    | 0.4635          | 0.4773            |       |
| 82 Isopropylbenzene            | 105 | 19.873    | 19.879          | -0.006        | 97     | 90179    | 0.4698          | 0.5103            |       |
| S 73 Xylenes, Total            | 106 |           |                 |               | 0      |          | 1.39            | 1.52              |       |
| * 83 4-Bromofluorobenzene      | 95  | 20.258    | 20.258          | 0.000         | 92     | 1734375  | 20.0            | 20.0              |       |
| 84 1,1,2,2-Tetrachloroethane   | 83  | 20.567    | 20.562          | 0.005         | 97     | 40359    | 0.4657          | 0.5013            |       |
| 86 1,2,3-Trichloropropane      | 75  | 20.653    | 20.647          | 0.006         | 96     | 36576    | 0.4770          | 0.5453            |       |
| 85 N-Propylbenzene             | 91  | 20.663    | 20.663          | 0.000         | 98     | 108039   | 0.4684          | 0.5153            |       |
| 89 2-Chlorotoluene             | 91  | 20.861    | 20.861          | 0.000         | 97     | 81110    | 0.4702          | 0.5356            |       |
| 88 4-Ethyltoluene              | 105 | 20.871    | 20.871          | 0.000         | 96     | 87225    | 0.4653          | 0.4885            |       |

| Compound                   | Sig | RT (min.) | Adj RT (min.) | Dlt RT (min.) | Q  | Response | Cal Amt ppb v/v | OnCol Amt ppb v/v | Flags |
|----------------------------|-----|-----------|---------------|---------------|----|----------|-----------------|-------------------|-------|
| 87 n-Decane                | 57  | 20.930    | 20.930        | 0.000         | 92 | 49457    | 0.4693          | 0.5417            |       |
| 90 1,3,5-Trimethylbenzene  | 105 | 20.989    | 20.994        | -0.005        | 92 | 77398    | 0.4680          | 0.4924            |       |
| 91 Alpha Methyl Styrene    | 118 | 21.373    | 21.378        | -0.005        | 87 | 32383    | 0.4594          | 0.4293            |       |
| 92 tert-Butylbenzene       | 119 | 21.507    | 21.506        | 0.001         | 90 | 77252    | 0.4666          | 0.4942            |       |
| 93 1,2,4-Trimethylbenzene  | 105 | 21.608    | 21.608        | 0.000         | 99 | 77487    | 0.4684          | 0.4950            |       |
| 94 sec-Butylbenzene        | 105 | 21.859    | 21.853        | 0.006         | 98 | 111156   | 0.4711          | 0.4951            |       |
| 95 4-Isopropyltoluene      | 119 | 22.072    | 22.072        | 0.000         | 97 | 97912    | 0.4644          | 0.4945            |       |
| 96 1,3-Dichlorobenzene     | 146 | 22.078    | 22.078        | 0.000         | 75 | 51852    | 0.4765          | 0.4793            |       |
| 97 1,4-Dichlorobenzene     | 146 | 22.222    | 22.222        | 0.000         | 89 | 49049    | 0.4716          | 0.4447            |       |
| 98 Benzyl chloride         | 91  | 22.414    | 22.408        | 0.006         | 98 | 51996    | 0.4765          | 0.4394            |       |
| 100 n-Butylbenzene         | 91  | 22.654    | 22.654        | 0.000         | 99 | 82380    | 0.4680          | 0.4663            |       |
| 99 Undecane                | 57  | 22.734    | 22.729        | 0.005         | 93 | 49007    | 0.4711          | 0.4960            |       |
| 101 1,2-Dichlorobenzene    | 146 | 22.745    | 22.745        | 0.000         | 93 | 48960    | 0.4702          | 0.4595            |       |
| 102 Dodecane               | 57  | 24.228    | 24.228        | 0.000         | 92 | 35453    | 0.4216          | 0.3146            |       |
| 103 1,2,4-Trichlorobenzene | 180 | 25.082    | 25.082        | 0.000         | 93 | 31850    | 0.4891          | 0.3310            |       |
| 104 Hexachlorobutadiene    | 225 | 25.285    | 25.285        | 0.000         | 95 | 56367    | 0.4621          | 0.4464            |       |
| 105 Naphthalene            | 128 | 25.499    | 25.498        | 0.001         | 98 | 41022    | 0.4378          | 0.2215            | M     |
| 106 1,2,3-Trichlorobenzene | 180 | 25.936    | 25.931        | 0.005         | 95 | 26930    | 0.4108          | 0.2742            |       |

**QC Flag Legend**

Processing Flags

NC - Not Calibrated

Review Flags

M - Manually Integrated

**Reagents:**

ATTO15CAL2w\_00298

Amount Added: 180.00

Units: mL

ATTO15CISs\_00010

Amount Added: 40.00

Units: mL

Run Reagent

Report Date: 28-Dec-2020 11:07:30

Chrom Revision: 2.3 09-Dec-2020 16:22:14

Eurofins TestAmerica, Burlington

Data File: \\chromfs\Burlington\ChromData\CHC.i\20201217-44129.b\44129-04.D

Injection Date: 17-Dec-2020 18:58:30

Instrument ID: CHC.i

Operator ID: ggg

Lims ID: ic

Worklist Smp#: 4

Client ID:

Purge Vol: 200.000 mL

Dil. Factor: 1.0000

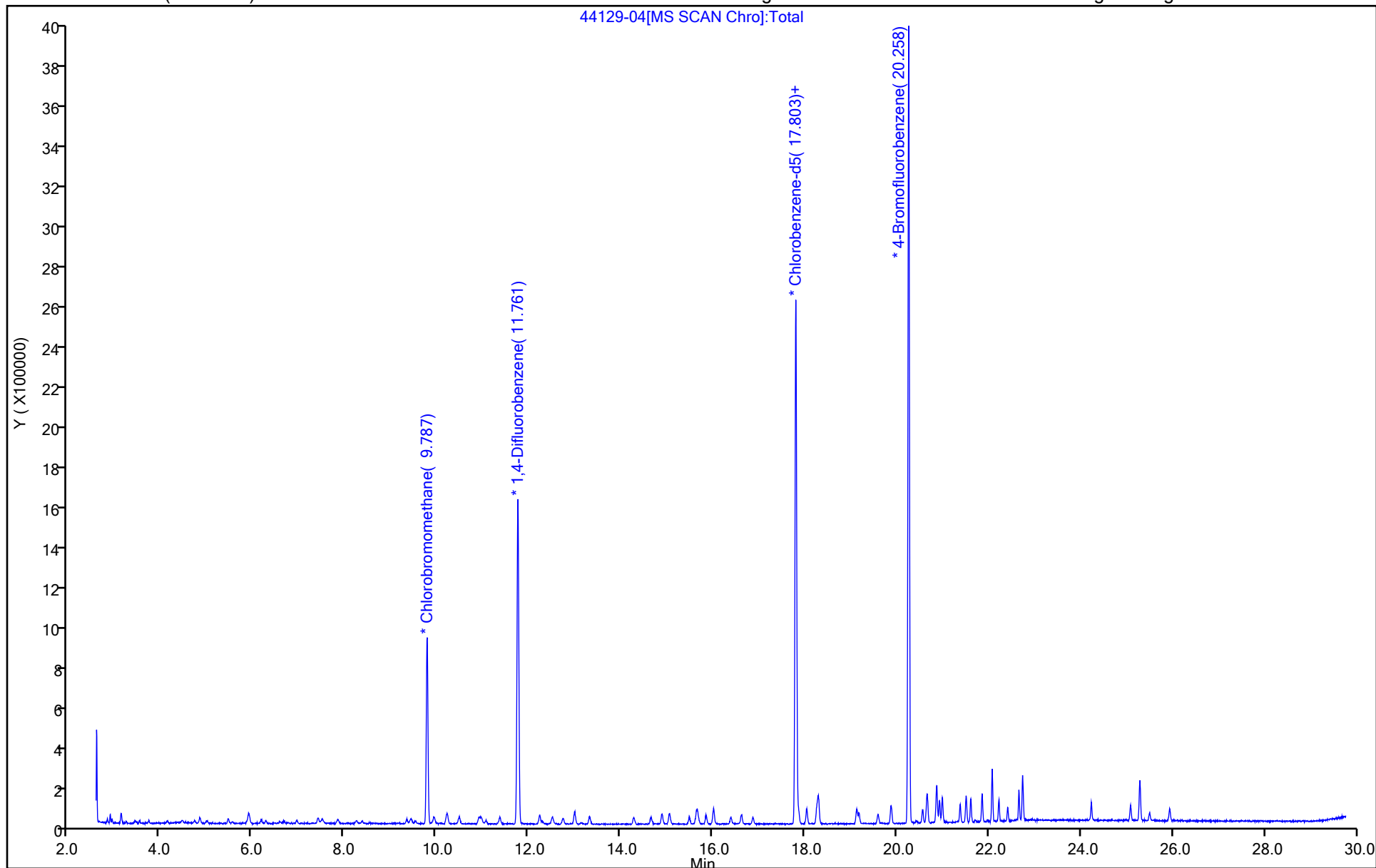
ALS Bottle#: 5

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 TestAmerica, Burlington

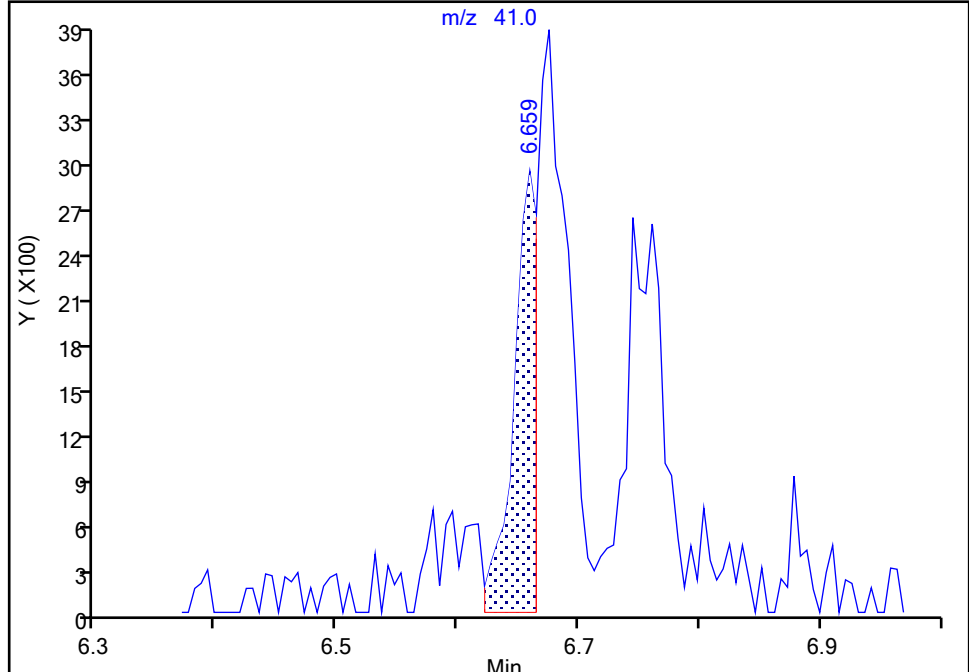
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Injection Date: 17-Dec-2020 18:58:30 Instrument ID: CHC.i  
Lims ID: ic  
Client ID:  
Operator ID: ggg ALS Bottle#: 5 Worklist Smp#: 4  
Purge Vol: 200.000 mL Dil. Factor: 1.0000  
Method: TO15\_MasterMethod\_(v1)\_CHC.i Limit Group: AI\_TO15\_ICAL  
Column: RTX-624 ( 0.32 mm) Detector: MS SCAN

**25 3-Chloro-1-propene, CAS: 107-05-1**

Signal: 1

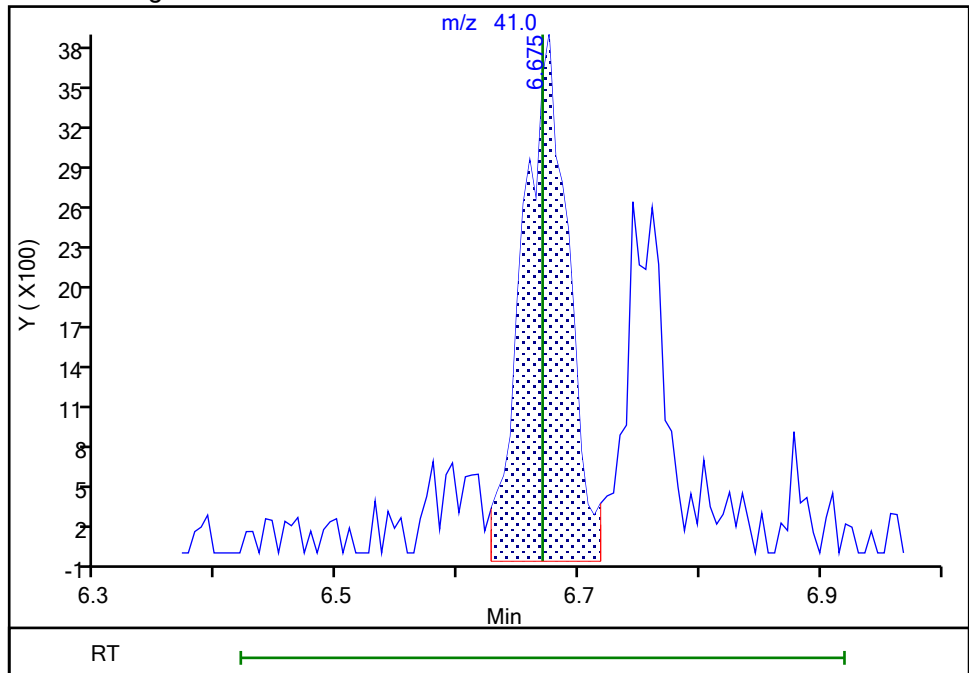
RT: 6.66  
Area: 3967  
Amount: 0.223132  
Amount Units: ppb v/v

## Processing Integration Results



RT: 6.68  
Area: 10340  
Amount: 0.545305  
Amount Units: ppb v/v

## Manual Integration Results



Reviewer: phamvu, 18-Dec-2020 08:44:07

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

## Eurofins TestAmerica, Burlington

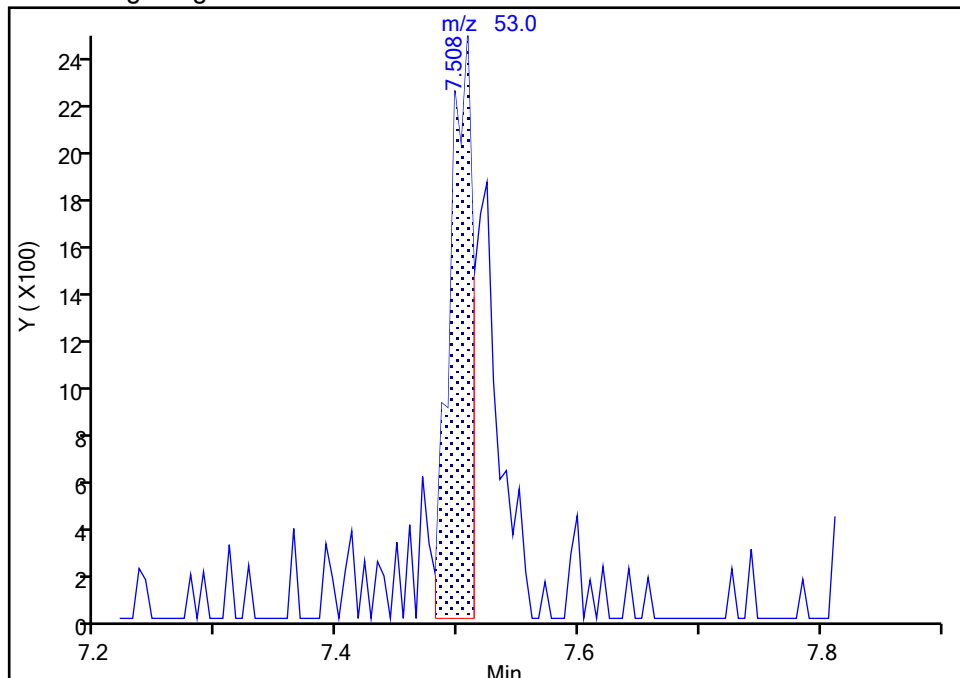
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Injection Date: 17-Dec-2020 18:58:30 Instrument ID: CHC.i  
Lims ID: ic  
Client ID:  
Operator ID: ggg ALS Bottle#: 5 Worklist Smp#: 4  
Purge Vol: 200.000 mL Dil. Factor: 1.0000  
Method: TO15\_MasterMethod\_(v1)\_CHC.i Limit Group: AI\_TO15\_ICAL  
Column: RTX-624 ( 0.32 mm) Detector: MS SCAN

**32 Acrylonitrile, CAS: 107-13-1**

Signal: 1

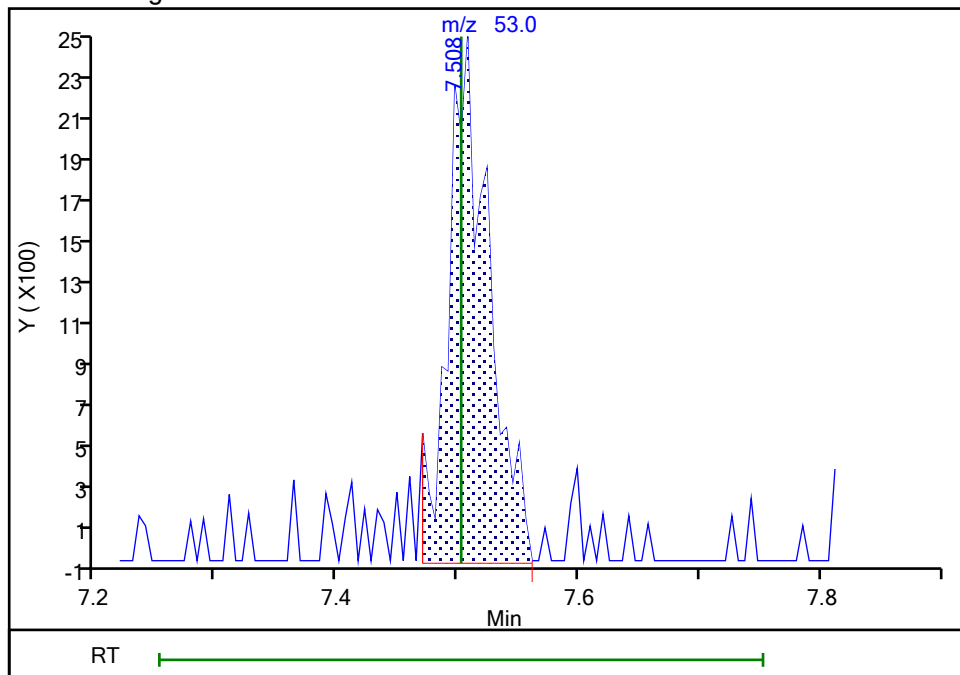
RT: 7.51  
Area: 3222  
Amount: 0.366941  
Amount Units: ppb v/v

## Processing Integration Results



RT: 7.51  
Area: 5773  
Amount: 0.643160  
Amount Units: ppb v/v

## Manual Integration Results



Reviewer: phamvu, 18-Dec-2020 08:44:24

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

## Eurofins TestAmerica, Burlington

Data File: \\chromfs\Burlington\ChromData\CHC.i\20201217-44129.b\44129-04.D

Injection Date: 17-Dec-2020 18:58:30

Instrument ID: CHC.i

Lims ID: ic

Client ID:

Operator ID: ggg

ALS Bottle#:

5

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

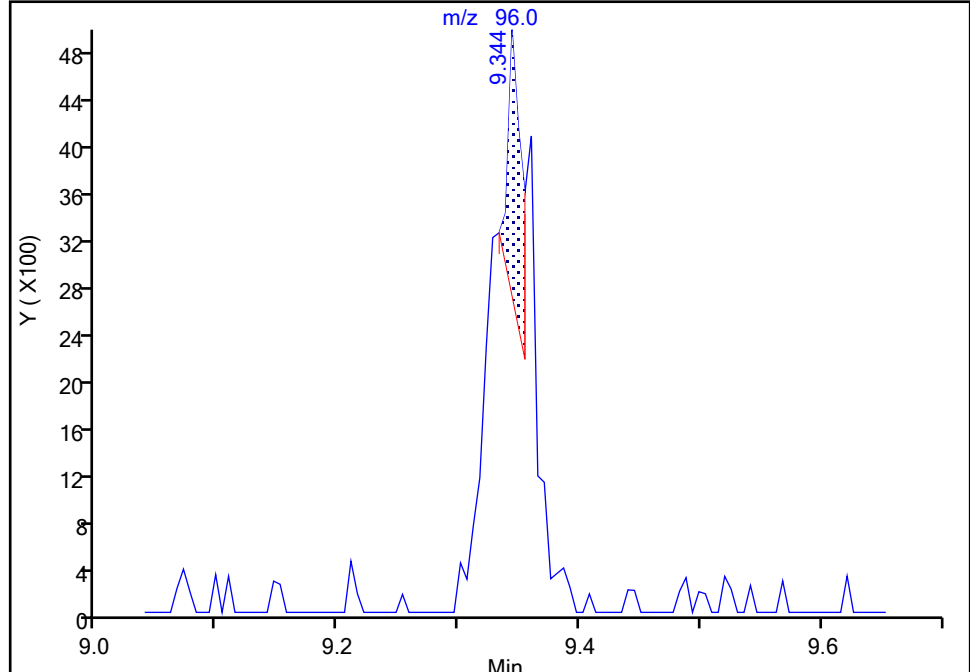
MS SCAN

**37 cis-1,2-Dichloroethene, CAS: 156-59-2**

Signal: 1

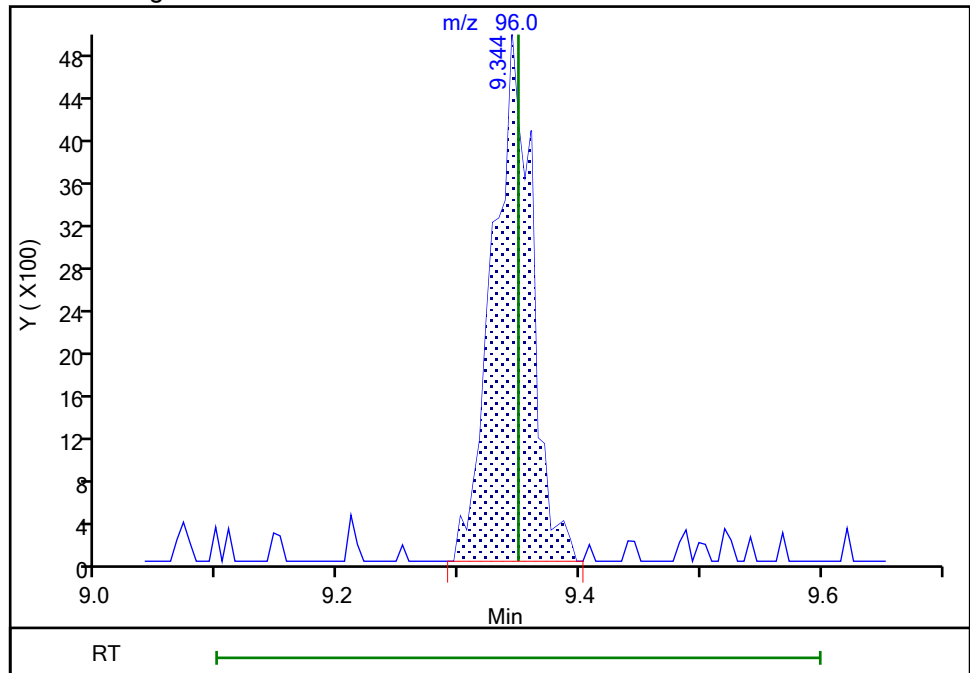
RT: 9.34  
Area: 1855  
Amount: 0.106277  
Amount Units: ppb v/v

## Processing Integration Results



RT: 9.34  
Area: 11110  
Amount: 0.555668  
Amount Units: ppb v/v

## Manual Integration Results



Reviewer: phamvu, 18-Dec-2020 08:44:37

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

## Eurofins TestAmerica, Burlington

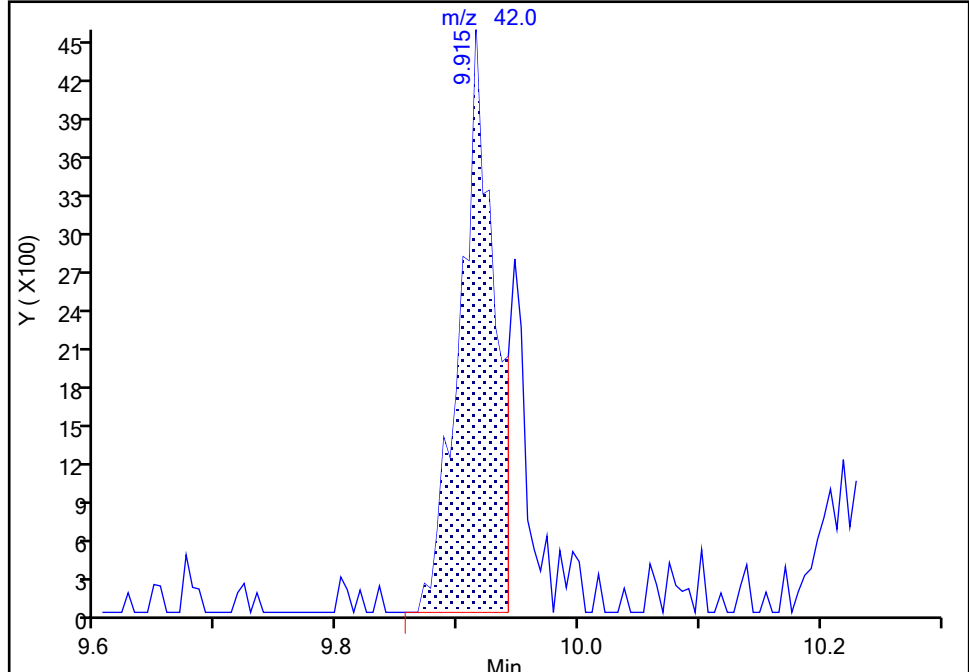
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Injection Date: 17-Dec-2020 18:58:30 Instrument ID: CHC.i  
Lims ID: ic  
Client ID:  
Operator ID: ggg ALS Bottle#: 5 Worklist Smp#: 4  
Purge Vol: 200.000 mL Dil. Factor: 1.0000  
Method: TO15\_MasterMethod\_(v1)\_CHC.i Limit Group: AI\_TO15\_ICAL  
Column: RTX-624 ( 0.32 mm) Detector: MS SCAN

**41 Tetrahydrofuran, CAS: 109-99-9**

Signal: 1

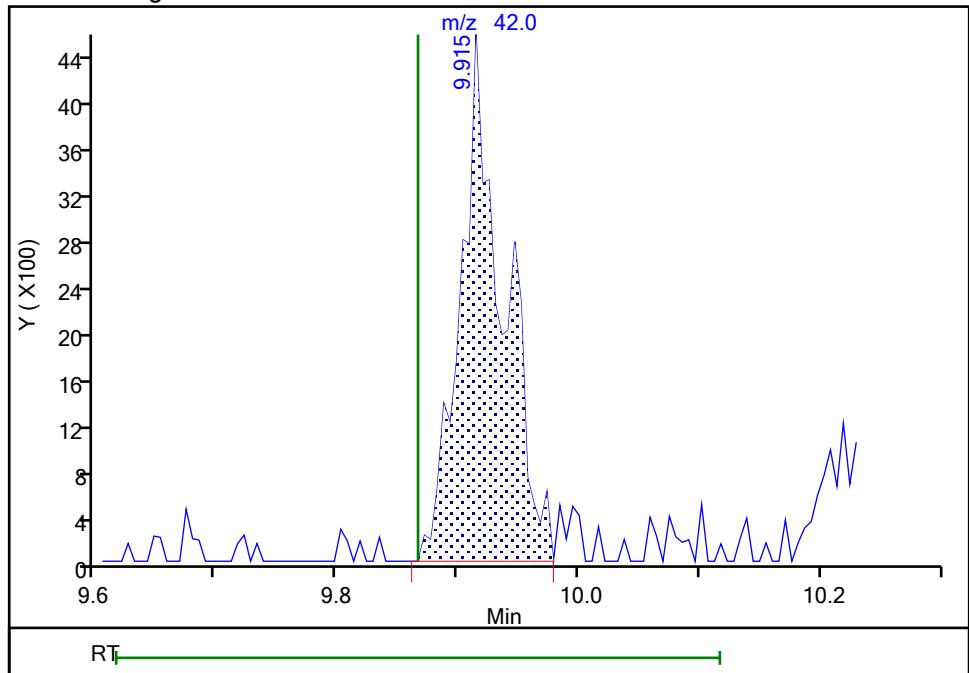
RT: 9.91  
Area: 8945  
Amount: 0.475988  
Amount Units: ppb v/v

## Processing Integration Results



RT: 9.91  
Area: 11209  
Amount: 0.644012  
Amount Units: ppb v/v

## Manual Integration Results



Reviewer: phamvu, 18-Dec-2020 08:45:33

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

## Eurofins TestAmerica, Burlington

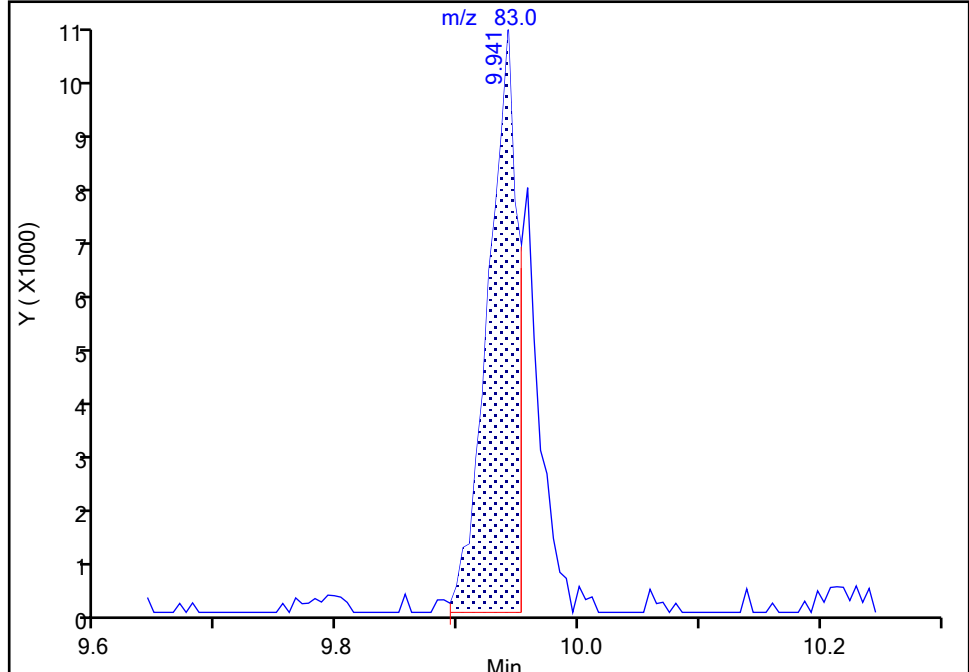
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Injection Date: 17-Dec-2020 18:58:30 Instrument ID: CHC.i  
Lims ID: ic  
Client ID:  
Operator ID: ggg ALS Bottle#: 5 Worklist Smp#: 4  
Purge Vol: 200.000 mL Dil. Factor: 1.0000  
Method: TO15\_MasterMethod\_(v1)\_CHC.i Limit Group: AI\_TO15\_ICAL  
Column: RTX-624 ( 0.32 mm) Detector: MS SCAN

**42 Chloroform, CAS: 67-66-3**

Signal: 1

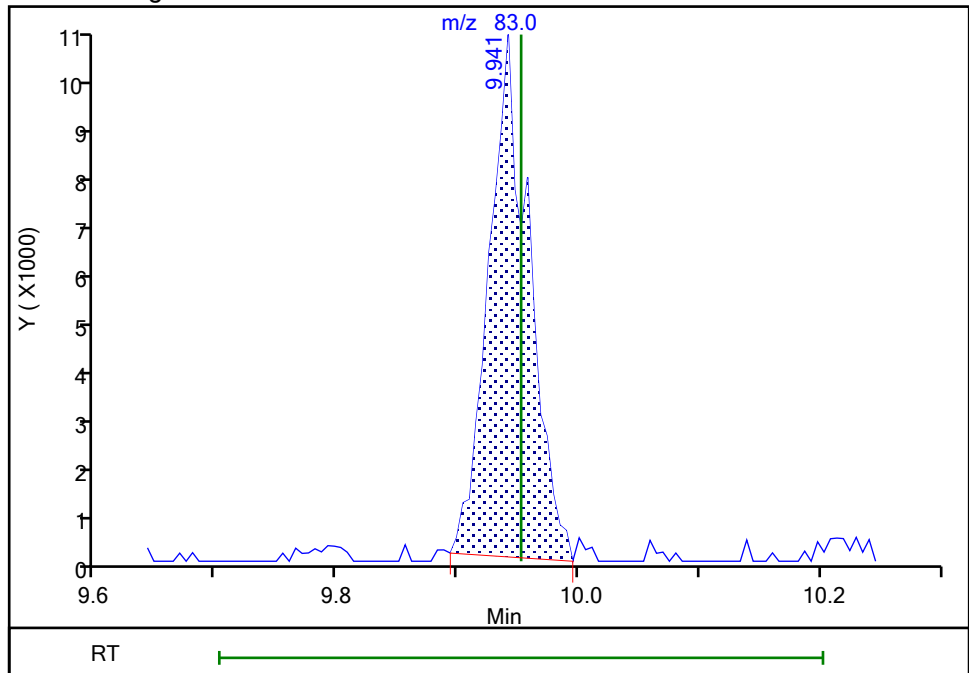
RT: 9.94  
Area: 17535  
Amount: 0.385401  
Amount Units: ppb v/v

## Processing Integration Results



RT: 9.94  
Area: 23470  
Amount: 0.498885  
Amount Units: ppb v/v

## Manual Integration Results



Reviewer: phamvu, 18-Dec-2020 08:45:20

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

## Eurofins TestAmerica, Burlington

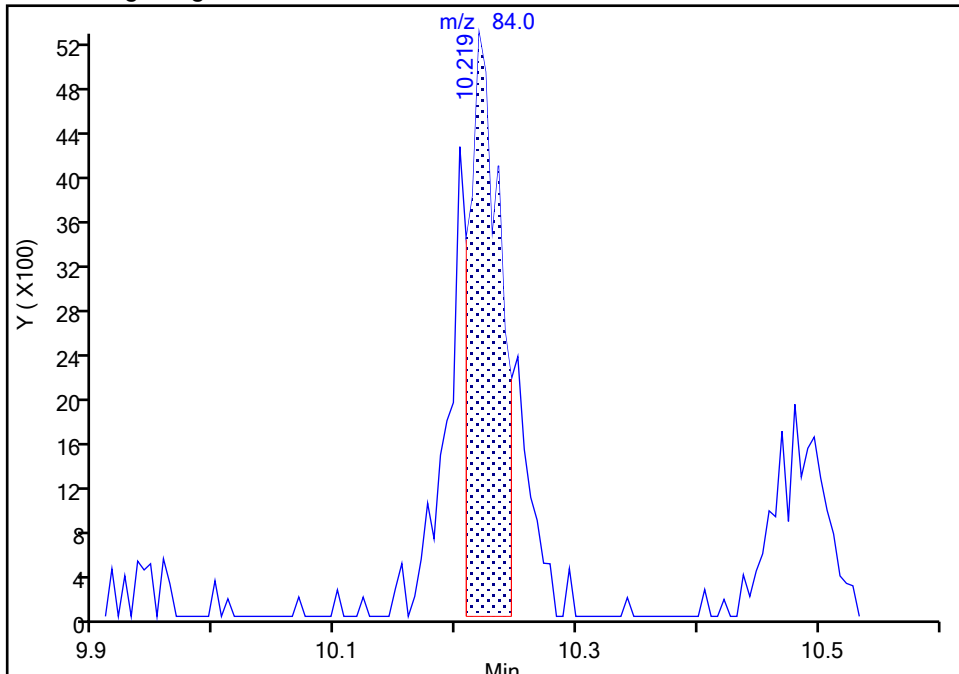
Data File: \\chromfs\Burlington\ChromData\CHC.i\20201217-44129.b\44129-04.D  
Injection Date: 17-Dec-2020 18:58:30 Instrument ID: CHC.i  
Lims ID: ic  
Client ID:  
Operator ID: ggg ALS Bottle#: 5 Worklist Smp#: 4  
Purge Vol: 200.000 mL Dil. Factor: 1.0000  
Method: TO15\_MasterMethod\_(v1)\_CHC.i Limit Group: AI\_TO15\_ICAL  
Column: RTX-624 ( 0.32 mm) Detector: MS SCAN

**43 Cyclohexane, CAS: 110-82-7**

Signal: 1

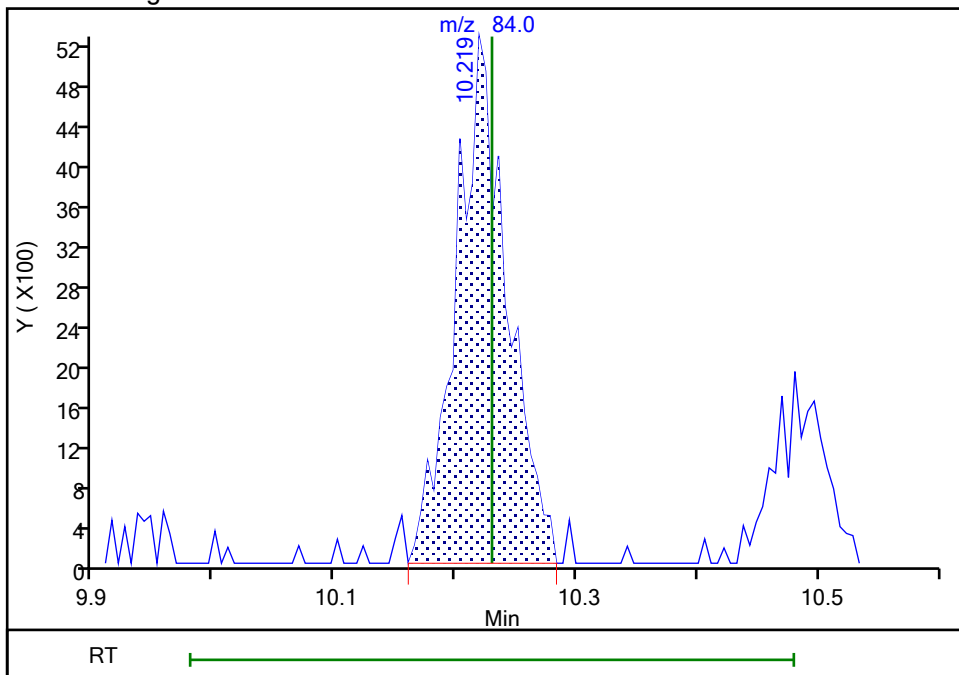
RT: 10.22  
Area: 9533  
Amount: 0.410465  
Amount Units: ppb v/v

## Processing Integration Results



RT: 10.22  
Area: 15515  
Amount: 0.589874  
Amount Units: ppb v/v

## Manual Integration Results



Reviewer: phamvu, 18-Dec-2020 08:45:42

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

## Eurofins TestAmerica, Burlington

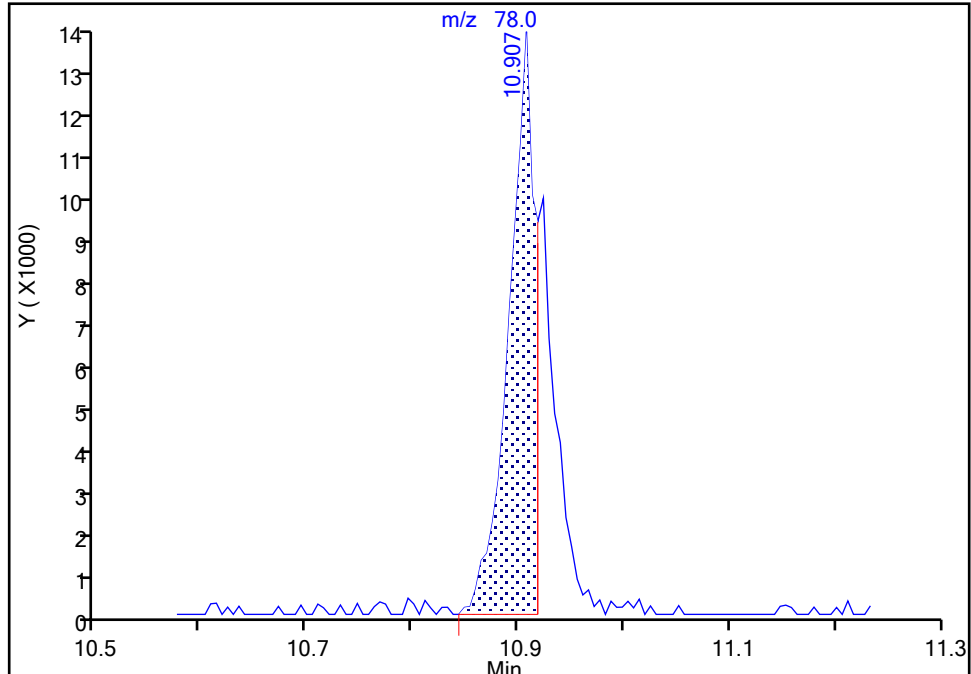
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Injection Date: 17-Dec-2020 18:58:30 Instrument ID: CHC.i  
Lims ID: ic  
Client ID:  
Operator ID: ggg ALS Bottle#: 5 Worklist Smp#: 4  
Purge Vol: 200.000 mL Dil. Factor: 1.0000  
Method: TO15\_MasterMethod\_(v1)\_CHC.i Limit Group: AI\_TO15\_ICAL  
Column: RTX-624 ( 0.32 mm) Detector: MS SCAN

**47 Benzene, CAS: 71-43-2**

Signal: 1

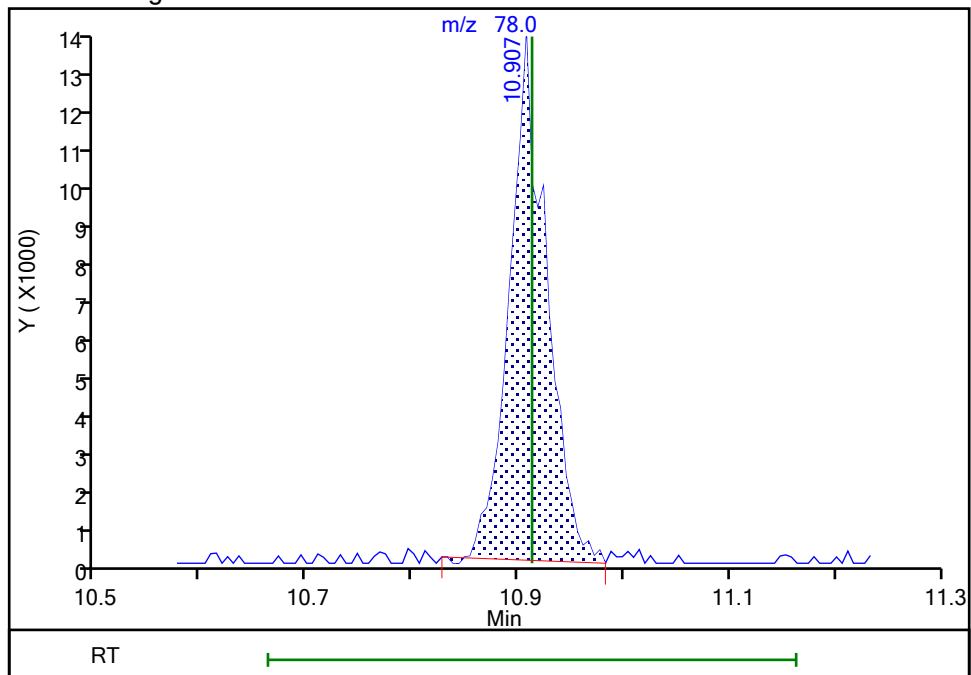
RT: 10.91  
Area: 23280  
Amount: 0.371972  
Amount Units: ppb v/v

## Processing Integration Results



RT: 10.91  
Area: 32443  
Amount: 0.509030  
Amount Units: ppb v/v

## Manual Integration Results



Reviewer: phamvu, 18-Dec-2020 08:45:49

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

## Eurofins TestAmerica, Burlington

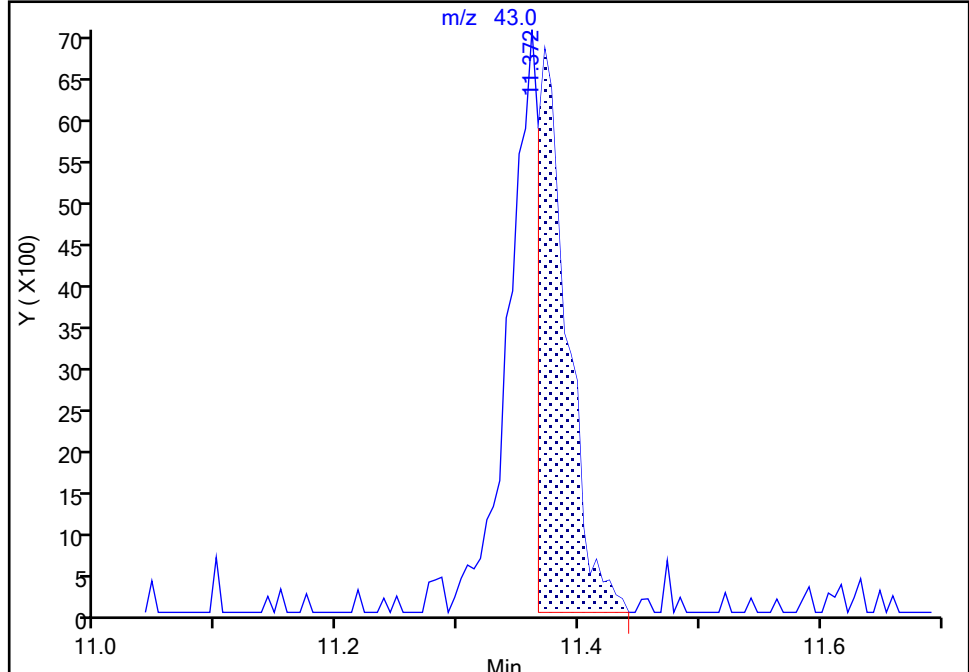
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Injection Date: 17-Dec-2020 18:58:30 Instrument ID: CHC.i  
Lims ID: ic  
Client ID:  
Operator ID: ggg ALS Bottle#: 5 Worklist Smp#: 4  
Purge Vol: 200.000 mL Dil. Factor: 1.0000  
Method: TO15\_MasterMethod\_(v1)\_CHC.i Limit Group: AI\_TO15\_ICAL  
Column: RTX-624 ( 0.32 mm) Detector: MS SCAN

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

Signal: 1

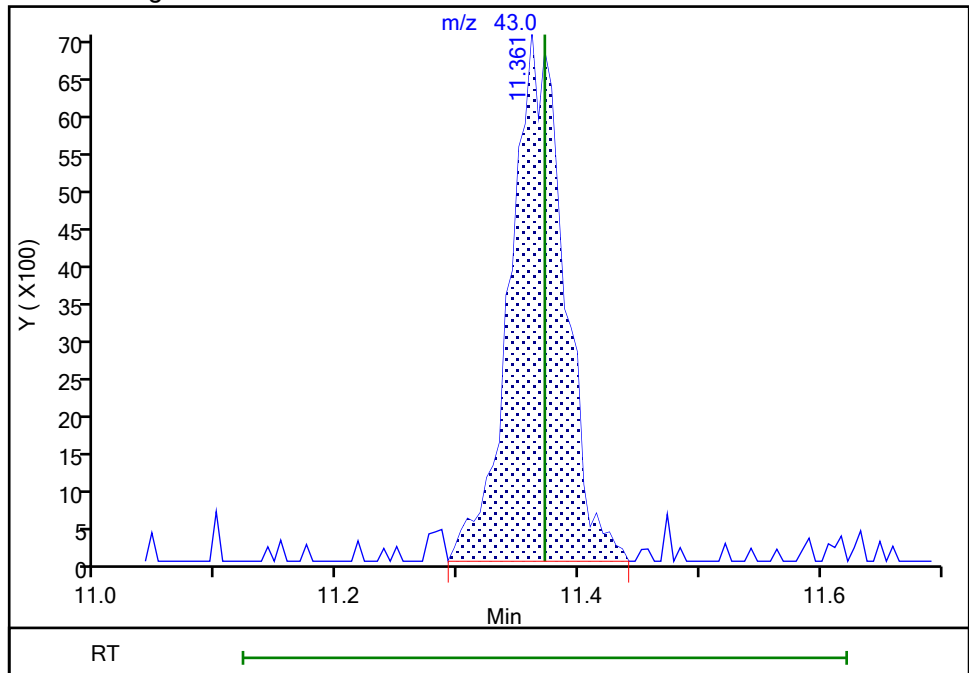
RT: 11.37  
Area: 11743  
Amount: 0.345145  
Amount Units: ppb v/v

## Processing Integration Results



RT: 11.36  
Area: 22130  
Amount: 0.574848  
Amount Units: ppb v/v

## Manual Integration Results



Reviewer: phamvu, 18-Dec-2020 08:46:04

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration



## Eurofins TestAmerica, Burlington

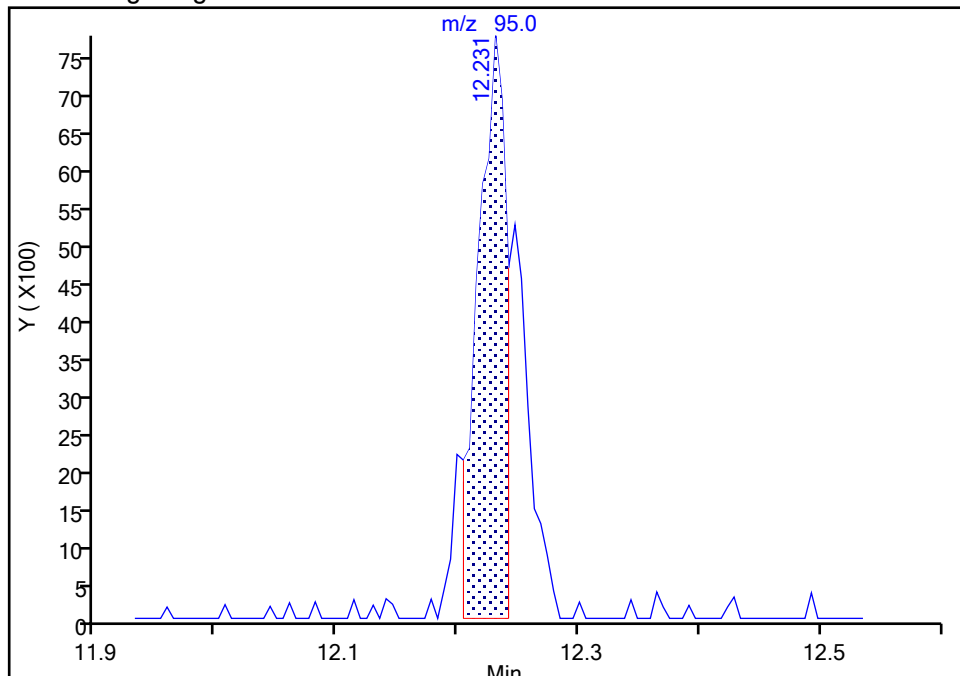
Data File: \\chromfs\Burlington\ChromData\CHC.i\20201217-44129.b\44129-04.D  
Injection Date: 17-Dec-2020 18:58:30 Instrument ID: CHC.i  
Lims ID: ic  
Client ID:  
Operator ID: ggg ALS Bottle#: 5 Worklist Smp#: 4  
Purge Vol: 200.000 mL Dil. Factor: 1.0000  
Method: TO15\_MasterMethod\_(v1)\_CHC.i Limit Group: AI\_TO15\_ICAL  
Column: RTX-624 ( 0.32 mm) Detector: MS SCAN

**53 Trichloroethene, CAS: 79-01-6**

Signal: 1

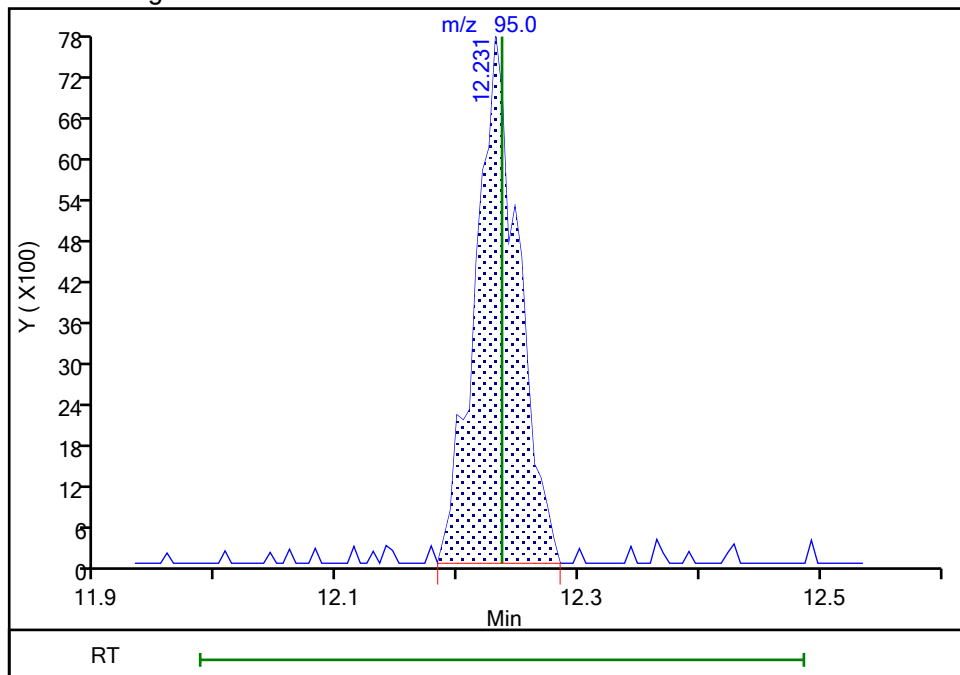
RT: 12.23  
Area: 12859  
Amount: 0.380568  
Amount Units: ppb v/v

## Processing Integration Results



RT: 12.23  
Area: 19236  
Amount: 0.537154  
Amount Units: ppb v/v

## Manual Integration Results



Reviewer: phamvu, 18-Dec-2020 08:46:14

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

## Eurofins TestAmerica, Burlington

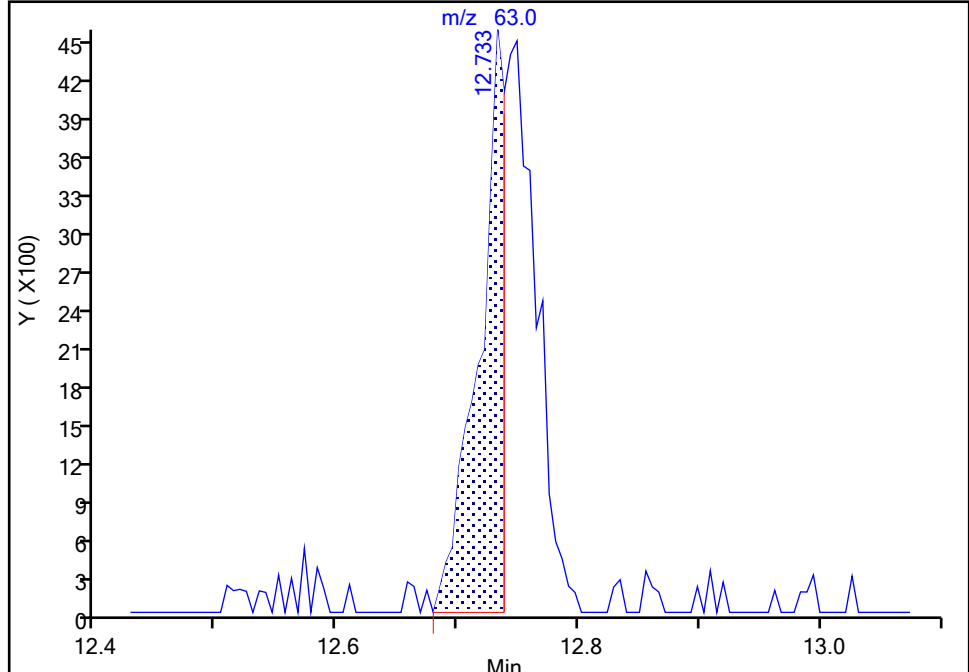
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Injection Date: 17-Dec-2020 18:58:30 Instrument ID: CHC.i  
Lims ID: ic  
Client ID:  
Operator ID: ggg ALS Bottle#: 5 Worklist Smp#: 4  
Purge Vol: 200.000 mL Dil. Factor: 1.0000  
Method: TO15\_MasterMethod\_(v1)\_CHC.i Limit Group: AI\_TO15\_ICAL  
Column: RTX-624 ( 0.32 mm) Detector: MS SCAN

## 54 1,2-Dichloropropane, CAS: 78-87-5

Signal: 1

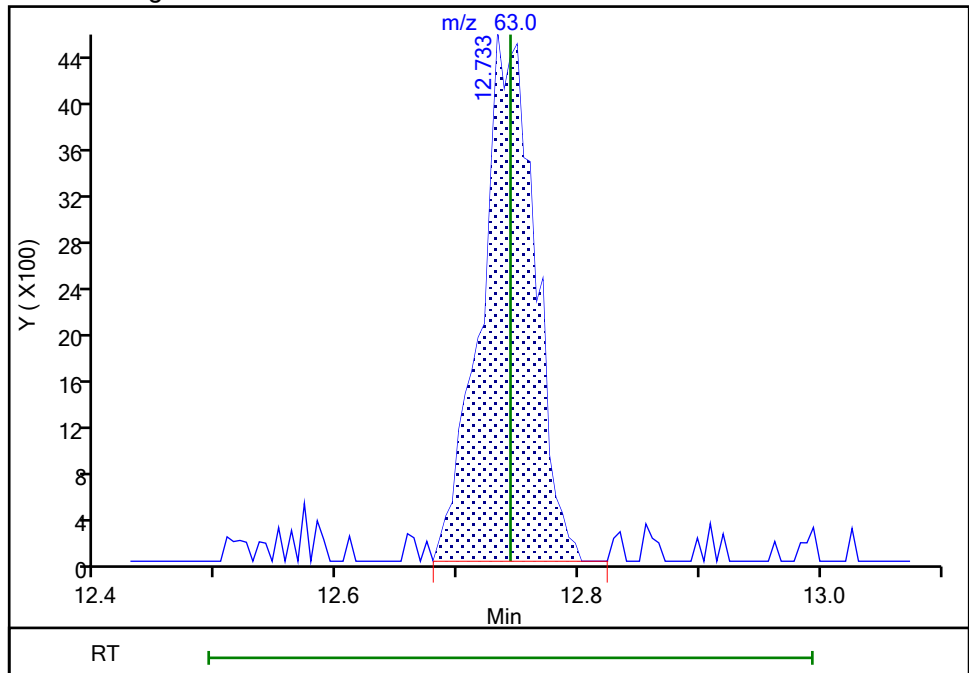
RT: 12.73  
Area: 6823  
Amount: 0.279661  
Amount Units: ppb v/v

## Processing Integration Results



RT: 12.73  
Area: 14085  
Amount: 0.529875  
Amount Units: ppb v/v

## Manual Integration Results



Reviewer: phamvu, 18-Dec-2020 08:46:21

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

## Eurofins TestAmerica, Burlington

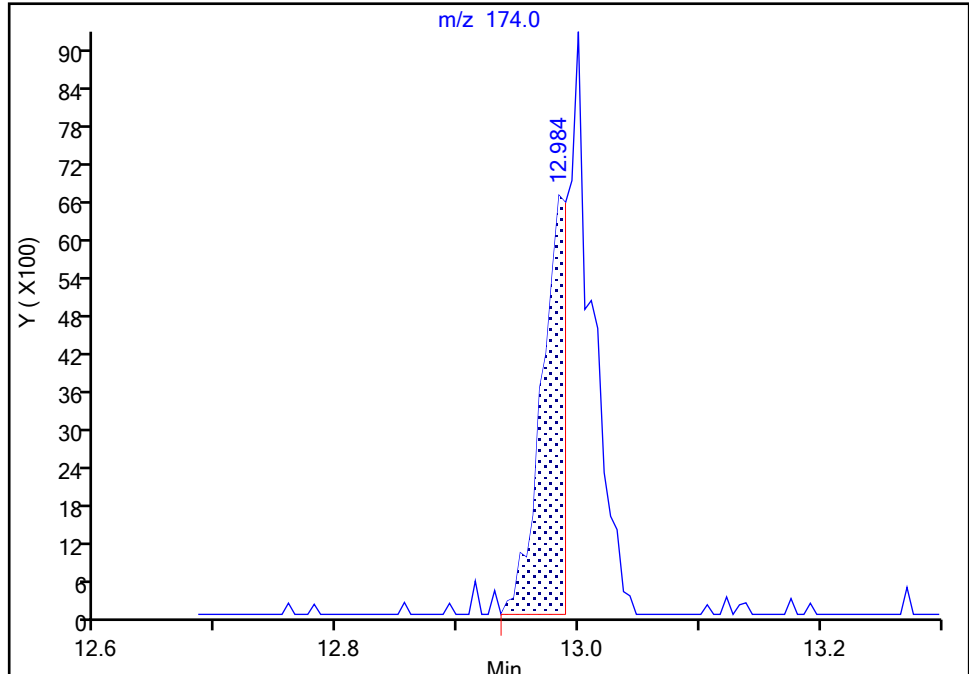
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Injection Date: 17-Dec-2020 18:58:30 Instrument ID: CHC.i  
Lims ID: ic  
Client ID:  
Operator ID: ggg ALS Bottle#: 5 Worklist Smp#: 4  
Purge Vol: 200.000 mL Dil. Factor: 1.0000  
Method: TO15\_MasterMethod\_(v1)\_CHC.i Limit Group: AI\_TO15\_ICAL  
Column: RTX-624 ( 0.32 mm) Detector: MS SCAN

**57 Dibromomethane, CAS: 74-95-3**

Signal: 1

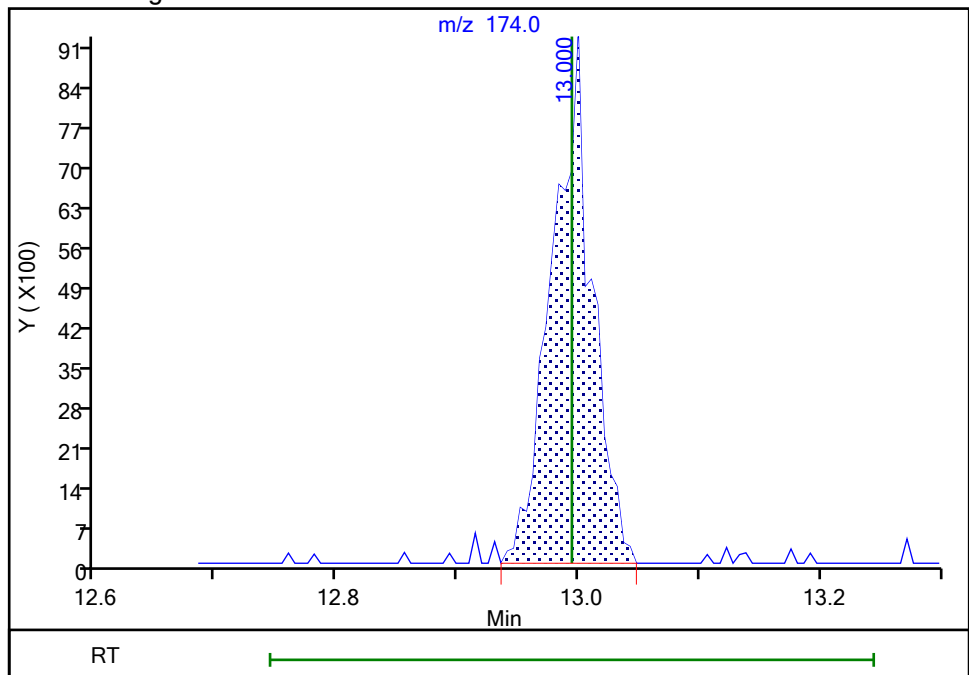
RT: 12.98  
Area: 9671  
Amount: 0.251665  
Amount Units: ppb v/v

## Processing Integration Results



RT: 13.00  
Area: 21254  
Amount: 0.501361  
Amount Units: ppb v/v

## Manual Integration Results



Reviewer: phamvu, 18-Dec-2020 08:46:30

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

## Eurofins TestAmerica, Burlington

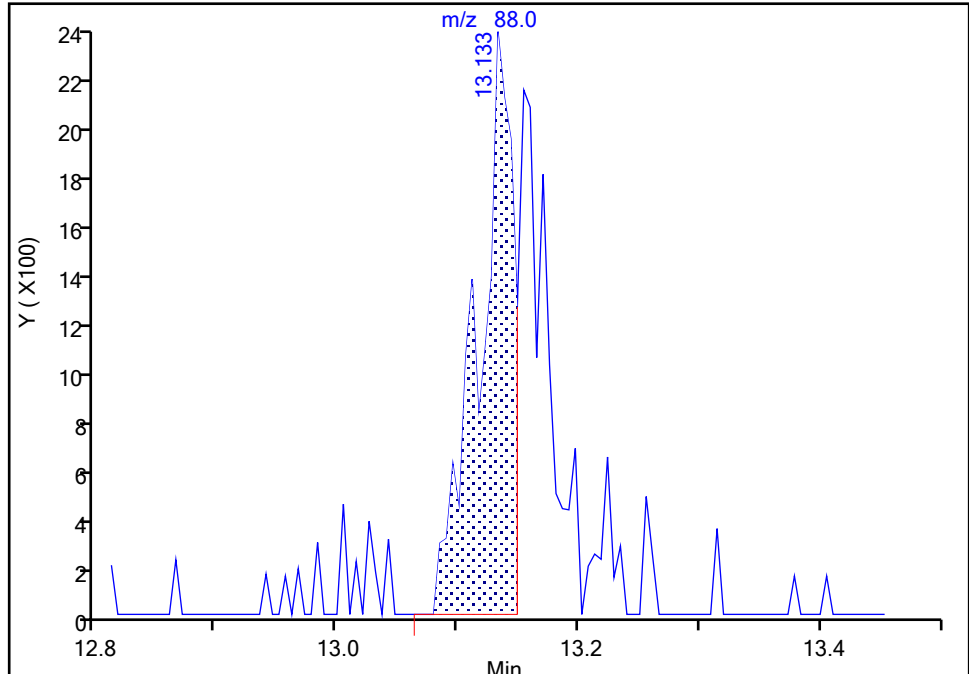
Data File: \\chromfs\Burlington\ChromData\CHC.i\20201217-44129.b\44129-04.D  
Injection Date: 17-Dec-2020 18:58:30 Instrument ID: CHC.i  
Lims ID: ic  
Client ID:  
Operator ID: ggg ALS Bottle#: 5 Worklist Smp#: 4  
Purge Vol: 200.000 mL Dil. Factor: 1.0000  
Method: TO15\_MasterMethod\_(v1)\_CHC.i Limit Group: AI\_TO15\_ICAL  
Column: RTX-624 ( 0.32 mm) Detector: MS SCAN

**56 1,4-Dioxane, CAS: 123-91-1**

Signal: 1

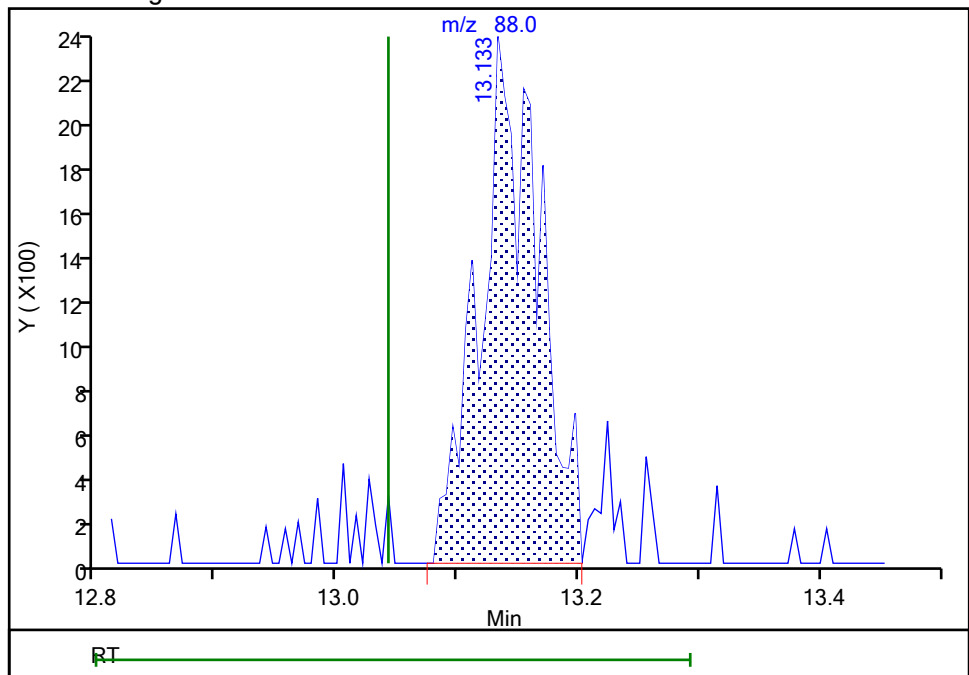
RT: 13.13  
Area: 4763  
Amount: 0.399703  
Amount Units: ppb v/v

## Processing Integration Results



RT: 13.13  
Area: 7972  
Amount: 0.576269  
Amount Units: ppb v/v

## Manual Integration Results



Reviewer: phamvu, 18-Dec-2020 08:46:39

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

## Eurofins TestAmerica, Burlington

Data File: \\chromfs\Burlington\ChromData\CHC.i\20201217-44129.b\44129-04.D

Injection Date: 17-Dec-2020 18:58:30

Instrument ID: CHC.i

Lims ID: ic

Client ID:

Operator ID: ggg

ALS Bottle#:

5

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

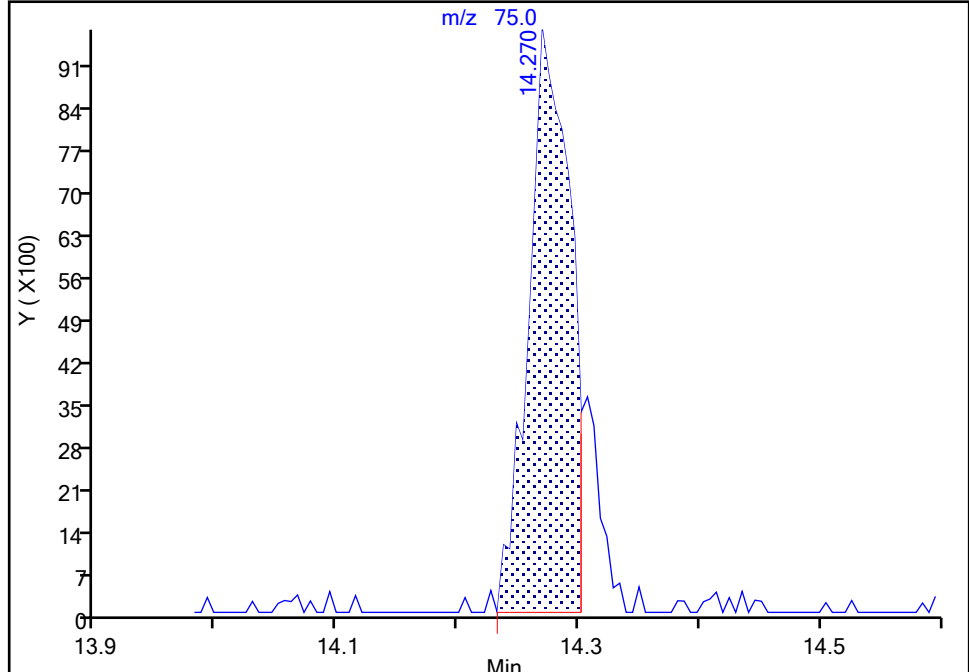
MS SCAN

**60 cis-1,3-Dichloropropene, CAS: 10061-01-5**

Signal: 1

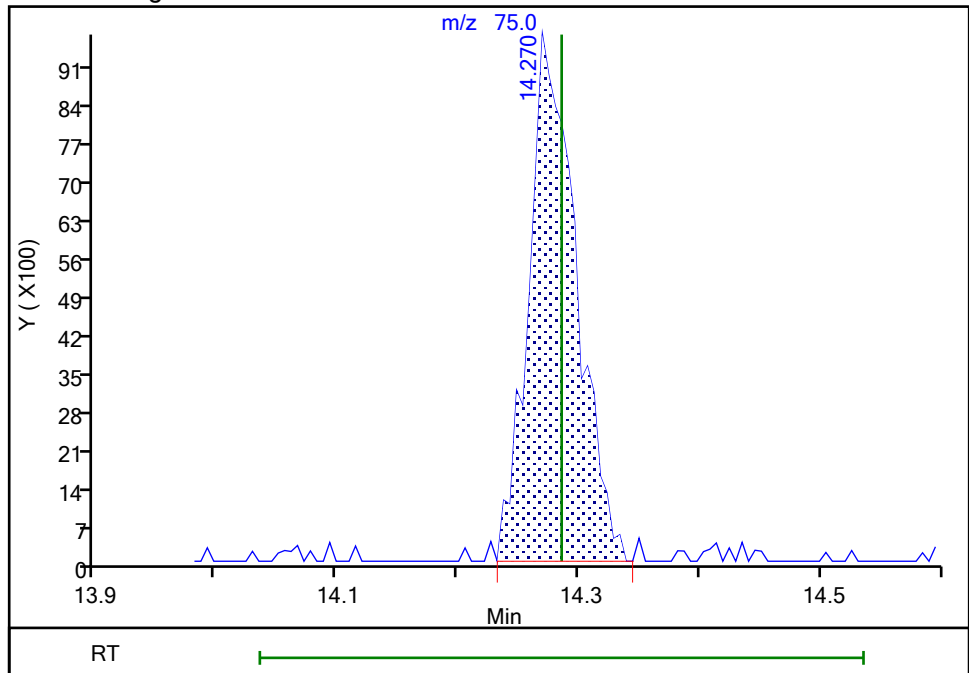
RT: 14.27  
Area: 23045  
Amount: 0.463480  
Amount Units: ppb v/v

## Processing Integration Results



RT: 14.27  
Area: 26364  
Amount: 0.491602  
Amount Units: ppb v/v

## Manual Integration Results



Reviewer: phamvu, 18-Dec-2020 08:46:48

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

## Eurofins TestAmerica, Burlington

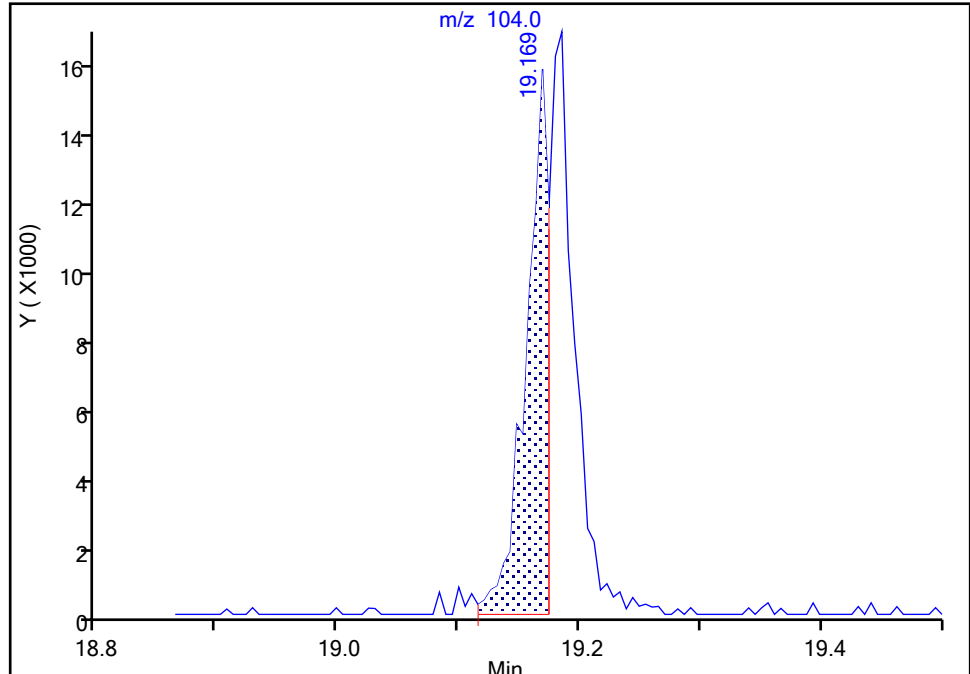
Data File: \\chromfs\Burlington\ChromData\CHC.i\20201217-44129.b\44129-04.D  
Injection Date: 17-Dec-2020 18:58:30 Instrument ID: CHC.i  
Lims ID: ic  
Client ID:  
Operator ID: ggg ALS Bottle#: 5 Worklist Smp#: 4  
Purge Vol: 200.000 mL Dil. Factor: 1.0000  
Method: TO15\_MasterMethod\_(v1)\_CHC.i Limit Group: AI\_TO15\_ICAL  
Column: RTX-624 ( 0.32 mm) Detector: MS SCAN

80 Styrene, CAS: 100-42-5

Signal: 1

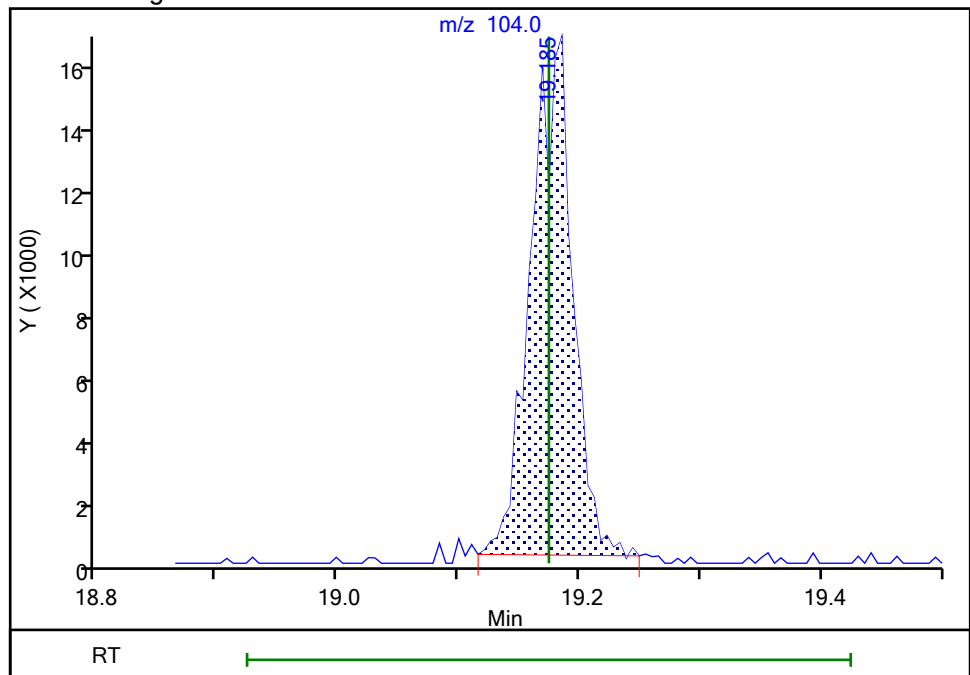
RT: 19.17  
Area: 20184  
Amount: 0.267864  
Amount Units: ppb v/v

## Processing Integration Results



RT: 19.18  
Area: 38404  
Amount: 0.434016  
Amount Units: ppb v/v

## Manual Integration Results



Reviewer: phamvu, 18-Dec-2020 08:47:16

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

## Eurofins TestAmerica, Burlington

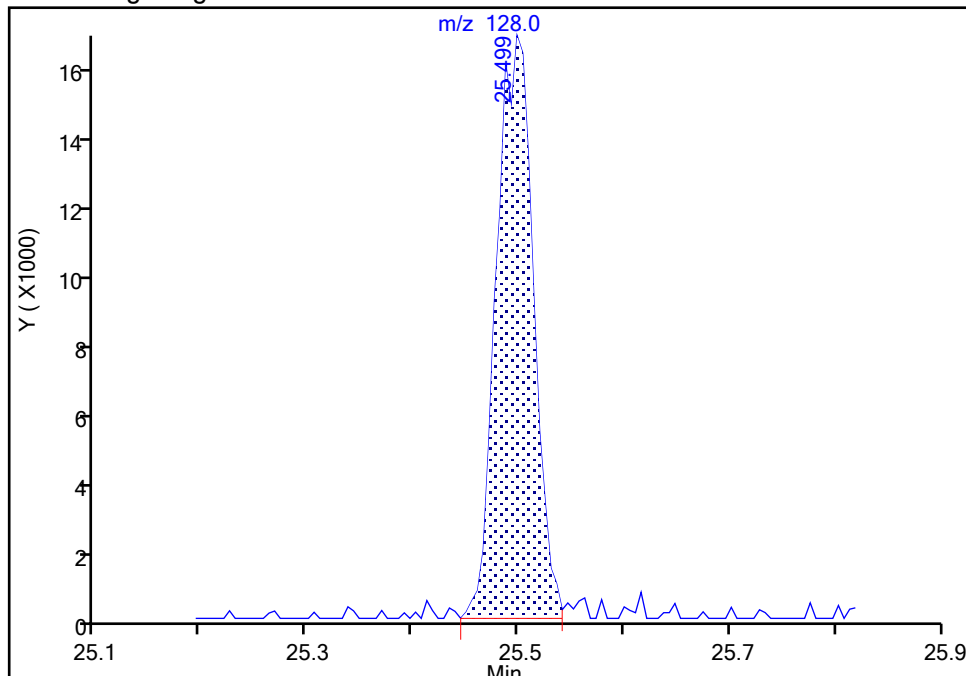
Data File: \\chromfs\Burlington\ChromData\CHC.i\20201217-44129.b\44129-04.D  
Injection Date: 17-Dec-2020 18:58:30 Instrument ID: CHC.i  
Lims ID: ic  
Client ID:  
Operator ID: ggg ALS Bottle#: 5 Worklist Smp#: 4  
Purge Vol: 200.000 mL Dil. Factor: 1.0000  
Method: TO15\_MasterMethod\_(v1)\_CHC.i Limit Group: AI\_TO15\_ICAL  
Column: RTX-624 ( 0.32 mm) Detector: MS SCAN

**105 Naphthalene, CAS: 91-20-3**

Signal: 1

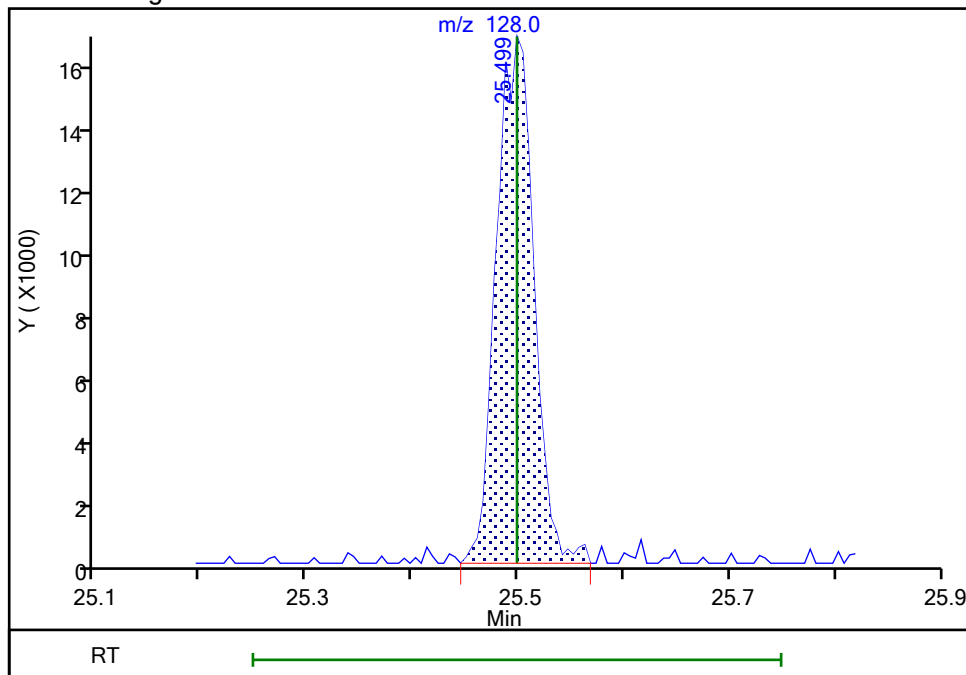
RT: 25.50  
Area: 40449  
Amount: 0.273177  
Amount Units: ppb v/v

## Processing Integration Results



RT: 25.50  
Area: 41022  
Amount: 0.221545  
Amount Units: ppb v/v

## Manual Integration Results



Reviewer: phamvu, 18-Dec-2020 08:47:50

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins TestAmerica, Burlington  
Target Compound Quantitation Report

Data File: \\chromfs\Burlington\ChromData\CHC.i\20201217-44129.b\44129-05.D  
 Lims ID: ic  
 Client ID:  
 Sample Type: IC Calib Level: 4  
 Inject. Date: 17-Dec-2020 19:52:30 ALS Bottle#: 6 Worklist Smp#: 5  
 Purge Vol: 200.000 mL Dil. Factor: 1.0000  
 Sample Info: 200-0044129-005  
 Misc. Info.: ic4  
 Operator ID: ggg Instrument ID: CHC.i  
 Sublist: chrom-TO15\_MasterMethod\_(v1)\_CHC.i\*sub10  
 Method: \\chromfs\Burlington\ChromData\CHC.i\20201217-44129.b\TO15\_MasterMethod\_(v1)\_CHC.i.m  
 Limit Group: AI\_TO15\_ICAL  
 Last Update: 28-Dec-2020 11:07:31 Calib Date: 18-Dec-2020 04:03:30  
 Integrator: RTE ID Type: Deconvolution ID  
 Quant Method: Internal Standard Quant By: Initial Calibration  
 Last ICal File: \\chromfs\Burlington\ChromData\CHC.i\20201217-44129.b\44129-14.D  
 Column 1 : RTX-624 ( 0.32 mm) Det: MS SCAN  
 Process Host: CTX1638

First Level Reviewer: phamvu

Date: 18-Dec-2020 08:51:26

| Compound                           | Sig | RT<br>(min.) | Adj RT<br>(min.) | Dlt RT<br>(min.) | Q   | Response | Cal Amt<br>ppb v/v | OnCol Amt<br>ppb v/v | Flags |
|------------------------------------|-----|--------------|------------------|------------------|-----|----------|--------------------|----------------------|-------|
| 1 Propene                          | 41  | 2.833        | 2.833            | 0.000            | 98  | 57114    | 4.64               | 5.27                 |       |
| 2 Dichlorodifluoromethane          | 85  | 2.897        | 2.891            | 0.006            | 99  | 274741   | 4.69               | 5.06                 |       |
| 3 Chlorodifluoromethane            | 51  | 2.934        | 2.934            | 0.000            | 98  | 129913   | 4.71               | 4.84                 |       |
| 4 1,2-Dichloro-1,1,2,2-tetrafluoro | 85  | 3.132        | 3.132            | 0.000            | 91  | 228409   | 4.68               | 4.65                 |       |
| 5 Chloromethane                    | 50  | 3.244        | 3.244            | 0.000            | 96  | 52857    | 4.91               | 4.84                 |       |
| 6 Butane                           | 43  | 3.436        | 3.430            | 0.006            | 94  | 83067    | 4.66               | 4.79                 |       |
| 7 Vinyl chloride                   | 62  | 3.462        | 3.462            | 0.000            | 97  | 56939    | 4.67               | 4.08                 |       |
| 8 Butadiene                        | 54  | 3.532        | 3.532            | 0.000            | 96  | 43680    | 4.55               | 4.06                 |       |
| 10 Bromomethane                    | 94  | 4.140        | 4.140            | 0.000            | 95  | 61400    | 4.63               | 4.36                 |       |
| 11 Chloroethane                    | 64  | 4.359        | 4.359            | 0.000            | 95  | 27494    | 4.67               | 4.68                 |       |
| 12 2-Methylbutane                  | 43  | 4.466        | 4.460            | 0.006            | 90  | 63869    | 4.69               | 4.72                 |       |
| 13 Vinyl bromide                   | 106 | 4.727        | 4.727            | 0.000            | 94  | 69802    | 4.68               | 4.99                 |       |
| 14 Trichlorofluoromethane          | 101 | 4.845        | 4.845            | 0.000            | 98  | 271574   | 4.74               | 4.86                 |       |
| 16 Pentane                         | 43  | 4.994        | 4.999            | -0.005           | 95  | 106581   | 4.55               | 5.03                 |       |
| 17 Ethanol                         | 45  | 5.448        | 5.437            | 0.011            | 97  | 66520    | 8.99               | 11.2                 |       |
| 18 Ethyl ether                     | 59  | 5.533        | 5.528            | 0.005            | 96  | 46118    | 4.53               | 4.73                 |       |
| 19 Acrolein                        | 56  | 5.821        | 5.821            | 0.000            | 97  | 21323    | 4.37               | 4.28                 |       |
| 20 1,1,2-Trichloro-1,2,2-trifluoro | 101 | 5.907        | 5.907            | 0.000            | 93  | 184374   | 4.71               | 4.71                 |       |
| 21 1,1-Dichloroethene              | 96  | 5.917        | 5.917            | 0.000            | 97  | 75546    | 4.62               | 4.75                 |       |
| 22 Acetone                         | 43  | 6.158        | 6.142            | 0.016            | 100 | 122161   | 4.60               | 5.37                 |       |
| 23 Carbon disulfide                | 76  | 6.280        | 6.280            | 0.000            | 99  | 207914   | 4.57               | 4.72                 |       |
| 24 Isopropyl alcohol               | 45  | 6.558        | 6.531            | 0.027            | 99  | 120417   | 4.59               | 5.44                 |       |
| 25 3-Chloro-1-propene              | 41  | 6.670        | 6.670            | 0.000            | 98  | 98820    | 4.79               | 4.96                 |       |
| 26 Acetonitrile                    | 41  | 6.750        | 6.739            | 0.011            | 97  | 45362    | 4.45               | 4.95                 |       |
| 27 Methylene Chloride              | 49  | 6.958        | 6.958            | 0.000            | 96  | 90261    | 4.62               | 5.06                 |       |
| 28 2-Methyl-2-propanol             | 59  | 7.358        | 7.332            | 0.026            | 97  | 171624   | 4.84               | 5.58                 |       |
| 31 trans-1,2-Dichloroethene        | 61  | 7.417        | 7.422            | -0.005           | 97  | 124152   | 4.58               | 4.80                 |       |
| 29 Methyl tert-butyl ether         | 73  | 7.449        | 7.444            | 0.005            | 95  | 253023   | 4.70               | 4.87                 |       |
| 32 Acrylonitrile                   | 53  | 7.508        | 7.502            | 0.006            | 96  | 47218    | 4.54               | 5.01                 |       |
| 33 Hexane                          | 57  | 7.844        | 7.849            | -0.005           | 86  | 109474   | 4.76               | 4.84                 |       |



| Compound                       | Sig | RT (min.) | Adj RT (min.)   | Dlt RT (min.) | Q       | Response | Cal Amt ppb v/v | OnCol Amt ppb v/v | Flags |
|--------------------------------|-----|-----------|-----------------|---------------|---------|----------|-----------------|-------------------|-------|
| 34 1,1-Dichloroethane          | 63  | 8.255     | 8.255           | 0.000         | 98      | 144745   | 4.49            | 4.52              |       |
| 35 Vinyl acetate               | 43  | 8.367     | 8.362           | 0.005         | 99      | 213625   | 4.67            | 5.39              |       |
| 37 cis-1,2-Dichloroethene      | 96  | 9.344     | 9.349           | -0.005        | 94      | 96901    | 4.54            | 4.62              |       |
| 38 2-Butanone (MEK)            | 72  | 9.418     | 9.408           | 0.010         | 100     | 39362    | 4.65            | 4.80              |       |
| 39 Ethyl acetate               | 88  | 9.509     | 9.493           | 0.016         | 99      | 7646     | 4.55            | 4.94              |       |
| * 40 Chlorobromomethane        | 128 | 9.792     | 9.792           | 0.000         | 83      | 337126   | 20.0            | 20.0              |       |
| 41 Tetrahydrofuran             | 42  | 9.888     | 9.867           | 0.021         | 89      | 93195    | 4.49            | 5.16              |       |
| 42 Chloroform                  | 83  | 9.947     | 9.952           | -0.005        | 96      | 235223   | 4.54            | 4.76              |       |
| S 30 1,2-Dichloroethene, Total | 61  |           |                 |               | 0       |          | 9.12            | 9.41              |       |
| 44 1,1,1-Trichloroethane       | 97  | 10.219    | 10.219          | 0.000         | 94      | 276107   | 4.58            | 4.74              |       |
| 43 Cyclohexane                 | 84  | 10.230    | 10.230          | 0.000         | 91      | 123579   | 4.56            | 4.53              |       |
| 45 Carbon tetrachloride        | 117 | 10.486    | 10.486          | 0.000         | 97      | 312218   | 4.57            | 4.70              |       |
| 47 Benzene                     | 78  | 10.913    | 10.913          | 0.000         | 98      | 316996   | 4.64            | 4.80              |       |
| 46 Isooctane                   | 57  | 10.966    | 10.961          | 0.005         | 97      | 480852   | 4.70            | 4.89              |       |
| 48 1,2-Dichloroethane          | 62  | 11.073    | 11.068          | 0.005         | 98      | 178203   | 4.66            | 4.90              |       |
| 49 n-Heptane                   | 43  | 11.372    | 11.372          | 0.000         | 95      | 196527   | 4.72            | 4.92              |       |
| * 50 1,4-Difluorobenzene       | 114 | 11.761    | 11.767          | -0.006        | 95      | 1920474  | 20.0            | 20.0              |       |
| 53 Trichloroethene             | 95  | 12.236    | 12.236          | 0.000         | 97      | 178060   | 4.73            | 4.79              |       |
| 52 n-Butanol                   | 56  | 12.268    | 12.268          | 0.000         | 94      | 68731    | 4.29            | 5.21              |       |
| 54 1,2-Dichloropropane         | 63  | 12.738    | 12.743          | -0.005        | 83      | 130421   | 4.63            | 4.73              |       |
| 55 Methyl methacrylate         | 69  | 12.984    | 12.983          | 0.001         | 93      | 130314   | 4.57            | 4.86              |       |
| 57 Dibromomethane              | 174 | 13.000    | 12.994          | 0.006         | 92      | 203185   | 4.63            | 4.62              |       |
| 56 1,4-Dioxane                 | 88  | 13.058    | 13.042          | 0.016         | 95      | 78368    | 4.75            | 5.46              |       |
| 58 Dichlorobromomethane        | 83  | 13.314    | 13.325          | -0.011        | 98      | 324452   | 4.75            | 4.89              |       |
| 60 cis-1,3-Dichloropropene     | 75  | 14.275    | 14.286          | -0.011        | 98      | 260293   | 4.67            | 4.68              |       |
| 61 4-Methyl-2-pentanone (MIBK) | 43  | 14.627    | 14.622          | 0.005         | 98      | 323205   | 4.60            | 4.97              |       |
| A 63 Toluene Range             | 1   | 14.894    | (14.854-14.934) | 0             | 1312064 | NC       | NC              |                   |       |
| 65 Toluene                     | 92  | 14.894    | 14.894          | 0.000         | 96      | 308215   | 4.57            | 4.66              |       |
| A 62 C8 Range                  | 1   | 15.054    | (15.004-15.104) | 0             | 1402581 | NC       | NC              |                   |       |
| 64 n-Octane                    | 43  | 15.060    | 15.054          | 0.006         | 92      | 354074   | 4.64            | 4.93              |       |
| 66 trans-1,3-Dichloropropene   | 75  | 15.487    | 15.492          | -0.005        | 97      | 234924   | 4.44            | 4.42              |       |
| 67 1,1,2-Trichloroethane       | 83  | 15.855    | 15.855          | 0.000         | 97      | 146750   | 4.71            | 4.71              |       |
| 68 Tetrachloroethene           | 166 | 16.020    | 16.020          | 0.000         | 95      | 312122   | 4.72            | 4.42              |       |
| 69 2-Hexanone                  | 43  | 16.378    | 16.372          | 0.006         | 93      | 300248   | 4.49            | 4.60              |       |
| 71 Chlorodibromomethane        | 129 | 16.618    | 16.623          | -0.005        | 97      | 370674   | 4.35            | 4.73              |       |
| 72 Ethylene Dibromide          | 107 | 16.874    | 16.874          | 0.000         | 97      | 298141   | 4.77            | 4.91              |       |
| * 74 Chlorobenzene-d5          | 117 | 17.808    | 17.808          | 0.000         | 87      | 2186039  | 20.0            | 20.0              |       |
| 75 Chlorobenzene               | 112 | 17.867    | 17.867          | 0.000         | 94      | 451782   | 4.71            | 4.74              |       |
| 76 Ethylbenzene                | 91  | 18.043    | 18.043          | 0.000         | 99      | 756765   | 4.59            | 4.73              |       |
| 77 n-Nonane                    | 57  | 18.262    | 18.256          | 0.006         | 89      | 353908   | 4.71            | 4.87              |       |
| 78 m-Xylene & p-Xylene         | 106 | 18.294    | 18.294          | 0.000         | 0       | 583063   | 9.24            | 9.65              |       |
| 79 o-Xylene                    | 106 | 19.126    | 19.126          | 0.000         | 99      | 281771   | 4.66            | 4.70              |       |
| 80 Styrene                     | 104 | 19.174    | 19.174          | 0.000         | 99      | 457859   | 4.64            | 4.91              |       |
| 81 Bromoform                   | 173 | 19.596    | 19.596          | 0.000         | 96      | 409197   | 4.62            | 5.60              |       |
| 82 Isopropylbenzene            | 105 | 19.879    | 19.879          | 0.000         | 97      | 884130   | 4.69            | 4.74              |       |
| S 73 Xylenes, Total            | 106 |           |                 |               | 0       |          | 13.9            | 14.4              |       |
| * 83 4-Bromofluorobenzene      | 95  | 20.258    | 20.258          | 0.000         | 92      | 1824160  | 20.0            | 20.0              |       |
| 84 1,1,2,2-Tetrachloroethane   | 83  | 20.562    | 20.562          | 0.000         | 99      | 398969   | 4.65            | 4.70              |       |
| 86 1,2,3-Trichloropropane      | 75  | 20.647    | 20.647          | 0.000         | 94      | 350289   | 4.76            | 4.95              |       |
| 85 N-Propylbenzene             | 91  | 20.663    | 20.663          | 0.000         | 98      | 1054060  | 4.67            | 4.77              |       |
| 89 2-Chlorotoluene             | 91  | 20.861    | 20.861          | 0.000         | 96      | 760891   | 4.69            | 4.76              |       |
| 88 4-Ethyltoluene              | 105 | 20.871    | 20.871          | 0.000         | 98      | 905558   | 4.64            | 4.81              |       |

| Compound                   | Sig | RT (min.) | Adj RT (min.) | Dlt RT (min.) | Q  | Response | Cal Amt ppb v/v | OnCol Amt ppb v/v | Flags |
|----------------------------|-----|-----------|---------------|---------------|----|----------|-----------------|-------------------|-------|
| 87 n-Decane                | 57  | 20.925    | 20.930        | -0.005        | 92 | 483941   | 4.68            | 5.02              |       |
| 90 1,3,5-Trimethylbenzene  | 105 | 20.989    | 20.994        | -0.005        | 92 | 790614   | 4.67            | 4.77              |       |
| 91 Alpha Methyl Styrene    | 118 | 21.378    | 21.378        | 0.000         | 88 | 378106   | 4.58            | 4.75              |       |
| 92 tert-Butylbenzene       | 119 | 21.507    | 21.506        | 0.001         | 92 | 770689   | 4.66            | 4.67              |       |
| 93 1,2,4-Trimethylbenzene  | 105 | 21.608    | 21.608        | 0.000         | 98 | 796862   | 4.67            | 4.83              |       |
| 94 sec-Butylbenzene        | 105 | 21.853    | 21.853        | 0.000         | 98 | 1128472  | 4.70            | 4.77              |       |
| 95 4-Isopropyltoluene      | 119 | 22.072    | 22.072        | 0.000         | 97 | 984304   | 4.63            | 4.71              |       |
| 96 1,3-Dichlorobenzene     | 146 | 22.078    | 22.078        | 0.000         | 98 | 560777   | 4.75            | 4.91              |       |
| 97 1,4-Dichlorobenzene     | 146 | 22.216    | 22.222        | -0.006        | 95 | 550051   | 4.70            | 4.73              |       |
| 98 Benzyl chloride         | 91  | 22.408    | 22.408        | 0.000         | 98 | 554830   | 4.75            | 4.44              |       |
| 100 n-Butylbenzene         | 91  | 22.654    | 22.654        | 0.000         | 98 | 891157   | 4.67            | 4.78              |       |
| 99 Undecane                | 57  | 22.729    | 22.729        | 0.000         | 94 | 541903   | 4.70            | 5.20              |       |
| 101 1,2-Dichlorobenzene    | 146 | 22.745    | 22.745        | 0.000         | 95 | 539019   | 4.69            | 4.80              |       |
| 102 Dodecane               | 57  | 24.228    | 24.228        | 0.000         | 95 | 478392   | 4.21            | 4.02              |       |
| 103 1,2,4-Trichlorobenzene | 180 | 25.082    | 25.082        | 0.000         | 95 | 480498   | 4.88            | 4.73              |       |
| 104 Hexachlorobutadiene    | 225 | 25.285    | 25.285        | 0.000         | 96 | 612906   | 4.61            | 4.60              |       |
| 105 Naphthalene            | 128 | 25.493    | 25.498        | -0.005        | 99 | 786453   | 4.37            | 4.03              |       |
| 106 1,2,3-Trichlorobenzene | 180 | 25.931    | 25.931        | 0.000         | 96 | 391932   | 4.10            | 3.78              |       |

**QC Flag Legend**

Processing Flags

NC - Not Calibrated

**Reagents:**

ATTO15CAL3w\_00230

Amount Added: 180.00

Units: mL

ATTO15CISs\_00010

Amount Added: 40.00

Units: mL

Run Reagent

Report Date: 28-Dec-2020 11:07:31

Chrom Revision: 2.3 09-Dec-2020 16:22:14

Eurofins TestAmerica, Burlington

Data File: \\chromfs\Burlington\ChromData\CHC.i\20201217-44129.b\44129-05.D

Injection Date: 17-Dec-2020 19:52:30

Instrument ID: CHC.i

Operator ID: ggg

Lims ID: ic

Worklist Smp#: 5

Client ID:

Purge Vol: 200.000 mL

Dil. Factor: 1.0000

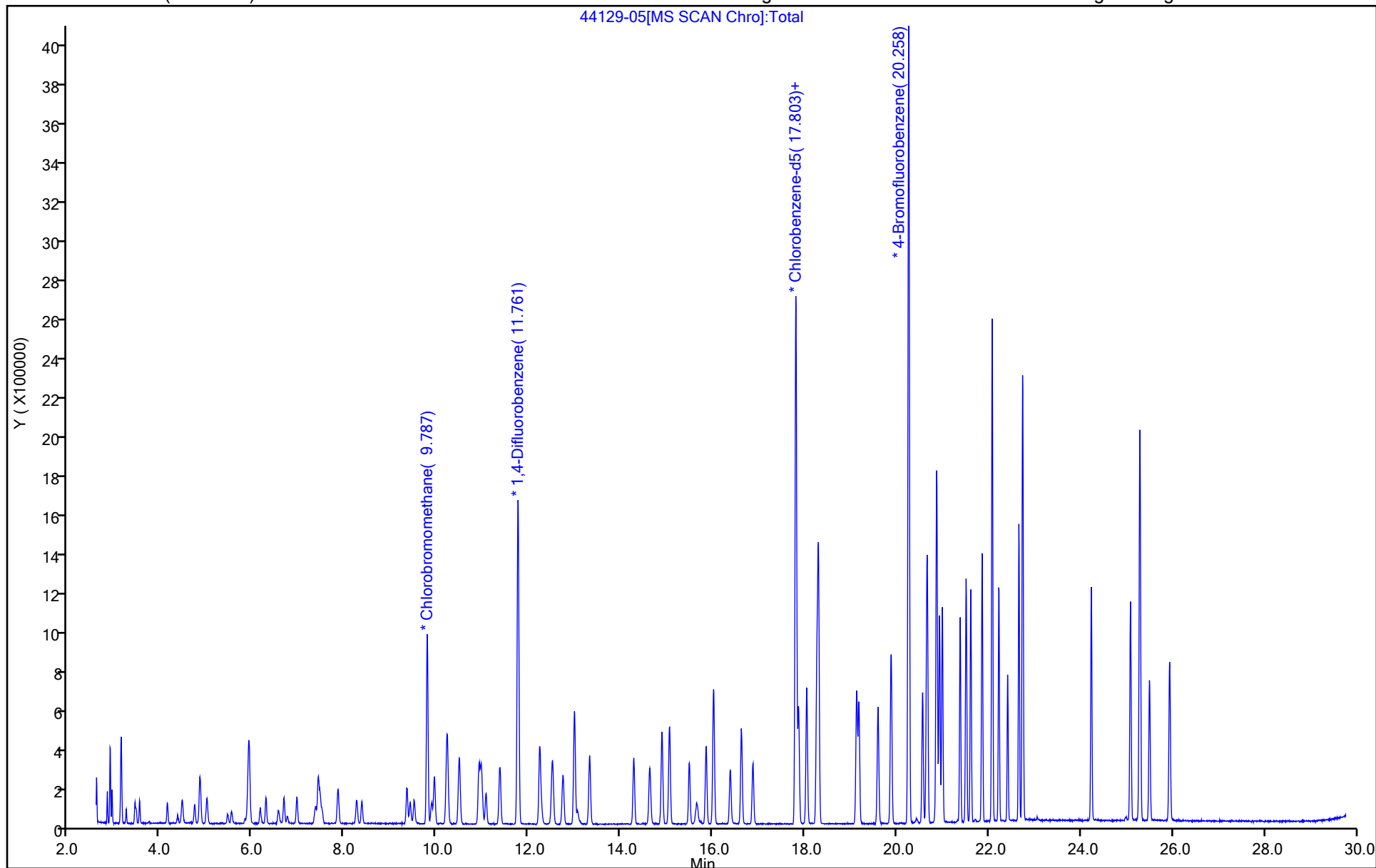
ALS Bottle#: 6

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 TestAmerica, Burlington  
Target Compound Quantitation Report

Data File: \\chromfs\Burlington\ChromData\CHC.i\20201217-44129.b\44129-07.D  
 Lims ID: ic  
 Client ID:  
 Sample Type: IC Calib Level: 6  
 Inject. Date: 17-Dec-2020 21:41:30 ALS Bottle#: 8 Worklist Smp#: 7  
 Purge Vol: 200.000 mL Dil. Factor: 1.0000  
 Sample Info: 200-0044129-007  
 Misc. Info.: ic6  
 Operator ID: ggg Instrument ID: CHC.i  
 Sublist: chrom-TO15\_MasterMethod\_(v1)\_CHC.i\*sub10  
 Method: \\chromfs\Burlington\ChromData\CHC.i\20201217-44129.b\TO15\_MasterMethod\_(v1)\_CHC.i.m  
 Limit Group: AI\_TO15\_ICAL  
 Last Update: 28-Dec-2020 11:07:32 Calib Date: 18-Dec-2020 04:03:30  
 Integrator: RTE ID Type: Deconvolution ID  
 Quant Method: Internal Standard Quant By: Initial Calibration  
 Last ICal File: \\chromfs\Burlington\ChromData\CHC.i\20201217-44129.b\44129-14.D  
 Column 1 : RTX-624 ( 0.32 mm) Det: MS SCAN  
 Process Host: CTX1638

First Level Reviewer: phamvu

Date: 18-Dec-2020 08:52:43

| 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  | 2.833     | 2.833         | 0.000         | 98  | 180778   | 15.5            | 15.7              |       |
| 2 Dichlorodifluoromethane          | 85  | 2.897     | 2.891         | 0.006         | 100 | 919711   | 15.7            | 16.0              |       |
| 3 Chlorodifluoromethane            | 51  | 2.934     | 2.934         | 0.000         | 98  | 441343   | 15.7            | 15.5              |       |
| 4 1,2-Dichloro-1,1,2,2-tetrafluoro | 85  | 3.132     | 3.132         | 0.000         | 89  | 775346   | 15.6            | 14.9              |       |
| 5 Chloromethane                    | 50  | 3.244     | 3.244         | 0.000         | 99  | 181648   | 16.4            | 15.7              |       |
| 6 Butane                           | 43  | 3.436     | 3.430         | 0.006         | 93  | 276986   | 15.5            | 15.1              |       |
| 7 Vinyl chloride                   | 62  | 3.462     | 3.462         | 0.000         | 100 | 203785   | 15.6            | 13.8              |       |
| 8 Butadiene                        | 54  | 3.532     | 3.532         | 0.000         | 93  | 146631   | 15.2            | 12.9              |       |
| 10 Bromomethane                    | 94  | 4.140     | 4.140         | 0.000         | 96  | 216504   | 15.5            | 14.5              |       |
| 11 Chloroethane                    | 64  | 4.364     | 4.359         | 0.005         | 96  | 90148    | 15.6            | 14.5              |       |
| 12 2-Methylbutane                  | 43  | 4.460     | 4.460         | 0.000         | 88  | 207657   | 15.7            | 14.5              |       |
| 13 Vinyl bromide                   | 106 | 4.733     | 4.727         | 0.006         | 96  | 230873   | 15.6            | 15.6              |       |
| 14 Trichlorofluoromethane          | 101 | 4.850     | 4.845         | 0.005         | 99  | 908503   | 15.8            | 15.3              |       |
| 16 Pentane                         | 43  | 4.999     | 4.999         | 0.000         | 94  | 337483   | 15.2            | 15.0              |       |
| 17 Ethanol                         | 45  | 5.426     | 5.437         | -0.011        | 98  | 111969   | 20.0            | 17.8              |       |
| 18 Ethyl ether                     | 59  | 5.517     | 5.528         | -0.011        | 96  | 155553   | 15.1            | 15.1              |       |
| 19 Acrolein                        | 56  | 5.816     | 5.821         | -0.005        | 98  | 77762    | 14.6            | 14.7              |       |
| 20 1,1,2-Trichloro-1,2,2-trifluoro | 101 | 5.901     | 5.907         | -0.006        | 94  | 614295   | 15.7            | 14.8              |       |
| 21 1,1-Dichloroethene              | 96  | 5.917     | 5.917         | 0.000         | 96  | 254978   | 15.4            | 15.1              |       |
| 22 Acetone                         | 43  | 6.136     | 6.142         | -0.006        | 100 | 389383   | 15.4            | 16.2              |       |
| 23 Carbon disulfide                | 76  | 6.286     | 6.280         | 0.006         | 99  | 691520   | 15.2            | 14.8              |       |
| 24 Isopropyl alcohol               | 45  | 6.515     | 6.531         | -0.016        | 100 | 350626   | 15.3            | 15.0              |       |
| 25 3-Chloro-1-propene              | 41  | 6.675     | 6.670         | 0.005         | 96  | 325442   | 16.0            | 15.4              |       |
| 26 Acetonitrile                    | 41  | 6.739     | 6.739         | 0.000         | 96  | 146372   | 14.9            | 15.1              |       |
| 27 Methylene Chloride              | 49  | 6.958     | 6.958         | 0.000         | 94  | 296211   | 15.4            | 15.7              |       |
| 28 2-Methyl-2-propanol             | 59  | 7.300     | 7.332         | -0.032        | 96  | 525760   | 16.2            | 16.2              |       |
| 31 trans-1,2-Dichloroethene        | 61  | 7.417     | 7.422         | -0.005        | 97  | 411704   | 15.3            | 15.0              |       |
| 29 Methyl tert-butyl ether         | 73  | 7.428     | 7.444         | -0.016        | 95  | 854941   | 15.7            | 15.5              |       |
| 32 Acrylonitrile                   | 53  | 7.497     | 7.502         | -0.005        | 92  | 154096   | 15.2            | 15.4              |       |
| 33 Hexane                          | 57  | 7.849     | 7.849         | 0.000         | 87  | 362748   | 15.9            | 15.1              |       |

| Compound                       | Sig | RT (min.) | Adj RT (min.)   | Dlt RT (min.) | Q       | Response | Cal Amt ppb v/v | OnCol Amt ppb v/v | Flags |
|--------------------------------|-----|-----------|-----------------|---------------|---------|----------|-----------------|-------------------|-------|
| 34 1,1-Dichloroethane          | 63  | 8.255     | 8.255           | 0.000         | 99      | 475112   | 15.0            | 14.0              |       |
| 35 Vinyl acetate               | 43  | 8.356     | 8.362           | -0.006        | 99      | 714022   | 15.6            | 17.0              |       |
| 37 cis-1,2-Dichloroethene      | 96  | 9.349     | 9.349           | 0.000         | 94      | 315708   | 15.2            | 14.2              |       |
| 38 2-Butanone (MEK)            | 72  | 9.397     | 9.408           | -0.011        | 100     | 138373   | 15.5            | 15.9              |       |
| 39 Ethyl acetate               | 88  | 9.482     | 9.493           | -0.011        | 99      | 25395    | 15.2            | 15.5              |       |
| * 40 Chlorobromomethane        | 128 | 9.787     | 9.792           | -0.005        | 79      | 356858   | 20.0            | 20.0              |       |
| 41 Tetrahydrofuran             | 42  | 9.856     | 9.867           | -0.011        | 88      | 307930   | 15.0            | 15.8              |       |
| 42 Chloroform                  | 83  | 9.941     | 9.952           | -0.011        | 96      | 765872   | 15.2            | 14.6              |       |
| S 30 1,2-Dichloroethene, Total | 61  |           |                 |               | 0       |          | 30.5            | 29.2              |       |
| 44 1,1,1-Trichloroethane       | 97  | 10.214    | 10.219          | -0.005        | 95      | 914627   | 15.3            | 14.5              |       |
| 43 Cyclohexane                 | 84  | 10.224    | 10.230          | -0.006        | 79      | 421049   | 15.2            | 14.3              |       |
| 45 Carbon tetrachloride        | 117 | 10.486    | 10.486          | 0.000         | 98      | 1052315  | 15.2            | 14.6              |       |
| 47 Benzene                     | 78  | 10.913    | 10.913          | 0.000         | 98      | 1060299  | 15.5            | 14.8              |       |
| 46 Isooctane                   | 57  | 10.966    | 10.961          | 0.005         | 97      | 1594091  | 15.7            | 15.0              |       |
| 48 1,2-Dichloroethane          | 62  | 11.067    | 11.068          | -0.001        | 98      | 599493   | 15.5            | 15.2              |       |
| 49 n-Heptane                   | 43  | 11.366    | 11.372          | -0.006        | 93      | 639446   | 15.8            | 14.8              |       |
| * 50 1,4-Difluorobenzene       | 114 | 11.761    | 11.767          | -0.006        | 95      | 2079638  | 20.0            | 20.0              |       |
| 53 Trichloroethene             | 95  | 12.236    | 12.236          | 0.000         | 97      | 599067   | 15.8            | 14.9              |       |
| 52 n-Butanol                   | 56  | 12.252    | 12.268          | -0.016        | 91      | 192962   | 14.3            | 13.5              |       |
| 54 1,2-Dichloropropane         | 63  | 12.743    | 12.743          | 0.000         | 85      | 431099   | 15.5            | 14.4              |       |
| 55 Methyl methacrylate         | 69  | 12.978    | 12.983          | -0.005        | 93      | 446922   | 15.2            | 15.4              |       |
| 57 Dibromomethane              | 174 | 12.994    | 12.994          | 0.000         | 91      | 700633   | 15.5            | 14.7              |       |
| 56 1,4-Dioxane                 | 88  | 13.021    | 13.042          | -0.021        | 96      | 241811   | 15.9            | 15.6              |       |
| 58 Dichlorobromomethane        | 83  | 13.320    | 13.325          | -0.005        | 98      | 1114447  | 15.9            | 15.5              |       |
| 60 cis-1,3-Dichloropropene     | 75  | 14.280    | 14.286          | -0.006        | 96      | 907956   | 15.6            | 15.1              |       |
| 61 4-Methyl-2-pentanone (MIBK) | 43  | 14.606    | 14.622          | -0.016        | 97      | 1098836  | 15.4            | 15.6              |       |
| A 63 Toluene Range             | 1   | 14.894    | (14.854-14.934) | 0             | 4407044 | NC       | NC              |                   |       |
| 65 Toluene                     | 92  | 14.894    | 14.894          | 0.000         | 93      | 1059889  | 15.2            | 14.8              |       |
| A 62 C8 Range                  | 1   | 15.054    | (15.004-15.104) | 0             | 4632048 | NC       | NC              |                   |       |
| 64 n-Octane                    | 43  | 15.059    | 15.054          | 0.005         | 91      | 1156682  | 15.5            | 14.9              |       |
| 66 trans-1,3-Dichloropropene   | 75  | 15.486    | 15.492          | -0.006        | 98      | 837962   | 14.8            | 14.6              |       |
| 67 1,1,2-Trichloroethane       | 83  | 15.855    | 15.855          | 0.000         | 98      | 503219   | 15.7            | 14.9              |       |
| 68 Tetrachloroethene           | 166 | 16.020    | 16.020          | 0.000         | 95      | 1078092  | 15.8            | 14.1              |       |
| 69 2-Hexanone                  | 43  | 16.362    | 16.372          | -0.010        | 94      | 1044842  | 15.0            | 14.8              |       |
| 71 Chlorodibromomethane        | 129 | 16.623    | 16.623          | 0.000         | 97      | 1327169  | 14.5            | 15.6              |       |
| 72 Ethylene Dibromide          | 107 | 16.869    | 16.874          | -0.005        | 98      | 1017209  | 15.9            | 15.5              |       |
| * 74 Chlorobenzene-d5          | 117 | 17.803    | 17.808          | -0.005        | 88      | 2366185  | 20.0            | 20.0              |       |
| 75 Chlorobenzene               | 112 | 17.867    | 17.867          | 0.000         | 94      | 1544744  | 15.7            | 15.0              |       |
| 76 Ethylbenzene                | 91  | 18.043    | 18.043          | 0.000         | 99      | 2574216  | 15.3            | 14.9              |       |
| 77 n-Nonane                    | 57  | 18.262    | 18.256          | 0.006         | 89      | 1188372  | 15.7            | 15.1              |       |
| 78 m-Xylene & p-Xylene         | 106 | 18.299    | 18.294          | 0.005         | 0       | 1991078  | 30.8            | 30.4              |       |
| 79 o-Xylene                    | 106 | 19.126    | 19.126          | 0.000         | 99      | 977412   | 15.5            | 15.1              |       |
| 80 Styrene                     | 104 | 19.174    | 19.174          | 0.000         | 99      | 1625432  | 15.5            | 16.1              |       |
| 81 Bromoform                   | 173 | 19.591    | 19.596          | -0.005        | 97      | 1498181  | 15.4            | 19.0              |       |
| 82 Isopropylbenzene            | 105 | 19.879    | 19.879          | 0.000         | 97      | 3120531  | 15.6            | 15.5              |       |
| S 73 Xylenes, Total            | 106 |           |                 |               | 0       |          | 46.4            | 45.5              |       |
| * 83 4-Bromofluorobenzene      | 95  | 20.258    | 20.258          | 0.000         | 94      | 2023787  | 20.0            | 20.0              |       |
| 84 1,1,2,2-Tetrachloroethane   | 83  | 20.562    | 20.562          | 0.000         | 99      | 1401047  | 15.5            | 15.2              |       |
| 86 1,2,3-Trichloropropane      | 75  | 20.647    | 20.647          | 0.000         | 96      | 1198506  | 15.9            | 15.6              |       |
| 85 N-Propylbenzene             | 91  | 20.669    | 20.663          | 0.006         | 99      | 3644707  | 15.6            | 15.2              |       |
| 89 2-Chlorotoluene             | 91  | 20.861    | 20.861          | 0.000         | 97      | 2684259  | 15.7            | 15.5              |       |
| 88 4-Ethyltoluene              | 105 | 20.871    | 20.871          | 0.000         | 99      | 3167931  | 15.5            | 15.5              |       |

| Compound                   | Sig | RT (min.) | Adj RT (min.) | Dlt RT (min.) | Q  | Response | Cal Amt ppb v/v | OnCol Amt ppb v/v | Flags |
|----------------------------|-----|-----------|---------------|---------------|----|----------|-----------------|-------------------|-------|
| 87 n-Decane                | 57  | 20.930    | 20.930        | 0.000         | 93 | 1603068  | 15.6            | 15.4              |       |
| 90 1,3,5-Trimethylbenzene  | 105 | 20.989    | 20.994        | -0.005        | 92 | 2758411  | 15.6            | 15.4              |       |
| 91 Alpha Methyl Styrene    | 118 | 21.378    | 21.378        | 0.000         | 87 | 1374706  | 15.3            | 16.0              |       |
| 92 tert-Butylbenzene       | 119 | 21.506    | 21.506        | 0.000         | 92 | 2722812  | 15.5            | 15.3              |       |
| 93 1,2,4-Trimethylbenzene  | 105 | 21.608    | 21.608        | 0.000         | 98 | 2786722  | 15.6            | 15.6              |       |
| 94 sec-Butylbenzene        | 105 | 21.853    | 21.853        | 0.000         | 98 | 4057866  | 15.7            | 15.8              |       |
| 95 4-Isopropyltoluene      | 119 | 22.072    | 22.072        | 0.000         | 98 | 3515195  | 15.5            | 15.5              |       |
| 96 1,3-Dichlorobenzene     | 146 | 22.078    | 22.078        | 0.000         | 98 | 1930316  | 15.9            | 15.6              |       |
| 97 1,4-Dichlorobenzene     | 146 | 22.222    | 22.222        | 0.000         | 95 | 1959945  | 15.7            | 15.6              |       |
| 98 Benzyl chloride         | 91  | 22.414    | 22.408        | 0.006         | 98 | 2107848  | 15.9            | 15.6              |       |
| 100 n-Butylbenzene         | 91  | 22.654    | 22.654        | 0.000         | 98 | 3216703  | 15.6            | 15.9              |       |
| 99 Undecane                | 57  | 22.729    | 22.729        | 0.000         | 94 | 1824369  | 15.7            | 16.2              |       |
| 101 1,2-Dichlorobenzene    | 146 | 22.745    | 22.745        | 0.000         | 96 | 1884483  | 15.7            | 15.5              |       |
| 102 Dodecane               | 57  | 24.234    | 24.228        | 0.006         | 97 | 1873322  | 14.0            | 14.6              |       |
| 103 1,2,4-Trichlorobenzene | 180 | 25.082    | 25.082        | 0.000         | 94 | 1800358  | 16.3            | 16.4              |       |
| 104 Hexachlorobutadiene    | 225 | 25.285    | 25.285        | 0.000         | 96 | 2297052  | 15.4            | 15.9              |       |
| 105 Naphthalene            | 128 | 25.498    | 25.498        | 0.000         | 99 | 2976216  | 14.6            | 14.1              |       |
| 106 1,2,3-Trichlorobenzene | 180 | 25.936    | 25.931        | 0.005         | 95 | 1578283  | 13.7            | 14.1              |       |

**QC Flag Legend**

Processing Flags

NC - Not Calibrated

**Reagents:**

ATTO15CAL5w\_00102

Amount Added: 200.00

Units: mL

ATTO15CISs\_00010

Amount Added: 40.00

Units: mL

Run Reagent

Report Date: 28-Dec-2020 11:07:33

Chrom Revision: 2.3 09-Dec-2020 16:22:14

Eurofins TestAmerica, Burlington

Data File: \\chromfs\Burlington\ChromData\CHC.i\20201217-44129.b\44129-07.D

Injection Date: 17-Dec-2020 21:41:30

Instrument ID: CHC.i

Operator ID: ggg

Lims ID: ic

Worklist Smp#: 7

Client ID:

Purge Vol: 200.000 mL

Dil. Factor: 1.0000

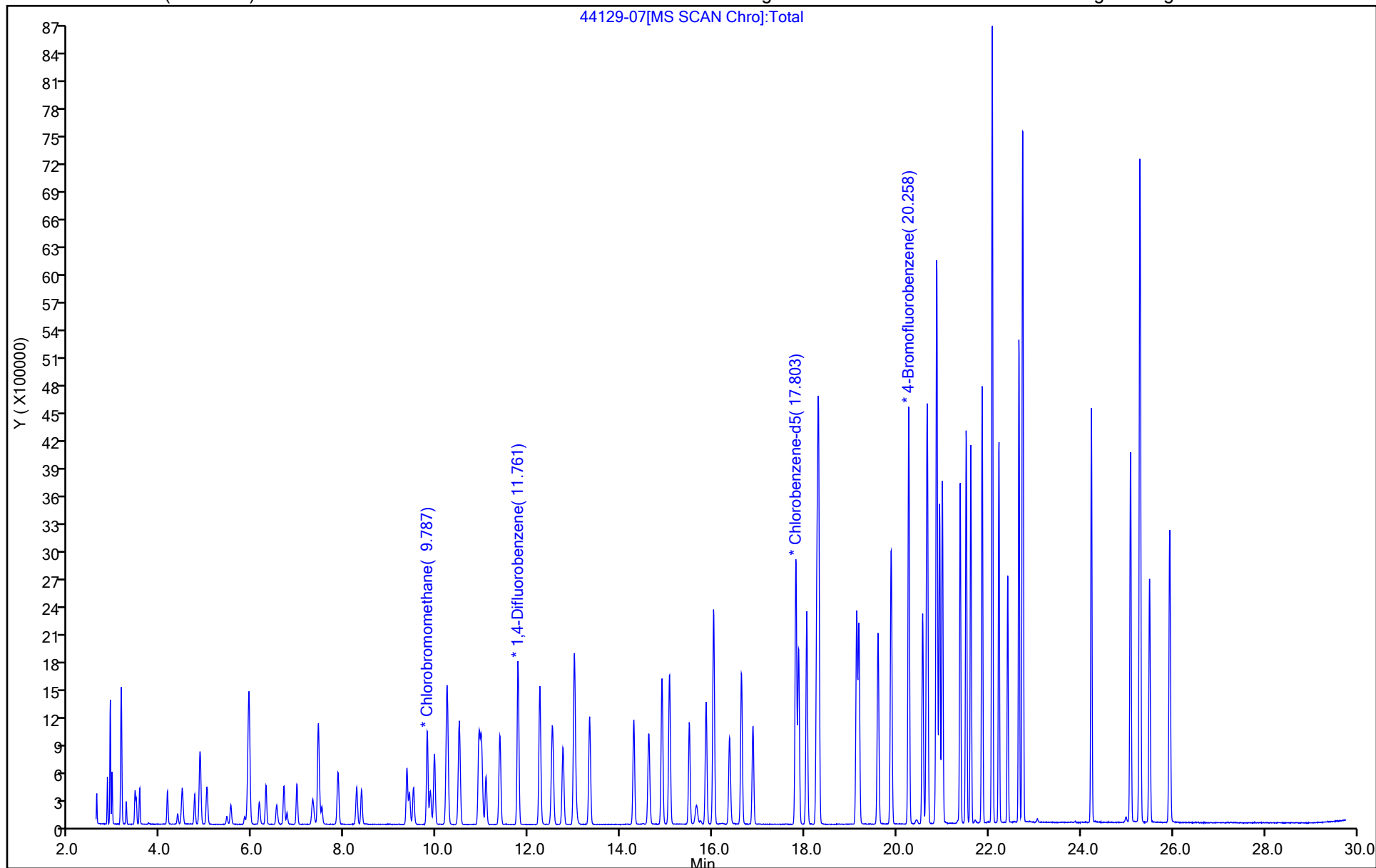
ALS Bottle#: 8

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 TestAmerica, Burlington  
Target Compound Quantitation Report

Data File: \\chromfs\Burlington\ChromData\CHC.i\20201217-44129.b\44129-08.D  
 Lims ID: ic  
 Client ID:  
 Sample Type: IC Calib Level: 7  
 Inject. Date: 17-Dec-2020 22:36:30 ALS Bottle#: 11 Worklist Smp#: 8  
 Purge Vol: 200.000 mL Dil. Factor: 1.0000  
 Sample Info: 200-0044129-008  
 Misc. Info.: ic7  
 Operator ID: ggg Instrument ID: CHC.i  
 Sublist: chrom-TO15\_MasterMethod\_(v1)\_CHC.i\*sub10  
 Method: \\chromfs\Burlington\ChromData\CHC.i\20201217-44129.b\TO15\_MasterMethod\_(v1)\_CHC.i.m  
 Limit Group: AI\_TO15\_ICAL  
 Last Update: 28-Dec-2020 11:07:33 Calib Date: 18-Dec-2020 04:03:30  
 Integrator: RTE ID Type: Deconvolution ID  
 Quant Method: Internal Standard Quant By: Initial Calibration  
 Last ICal File: \\chromfs\Burlington\ChromData\CHC.i\20201217-44129.b\44129-14.D  
 Column 1 : RTX-624 ( 0.32 mm) Det: MS SCAN  
 Process Host: CTX1638

First Level Reviewer: phamvu

Date: 18-Dec-2020 08:53:21

| 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  | 2.838     | 2.833         | 0.005         | 95  | 246414   | 20.6            | 19.0              |       |
| 2 Dichlorodifluoromethane          | 85  | 2.902     | 2.891         | 0.011         | 99  | 1162826  | 20.9            | 17.9              |       |
| 3 Chlorodifluoromethane            | 51  | 2.940     | 2.934         | 0.006         | 98  | 606345   | 21.0            | 18.9              |       |
| 4 1,2-Dichloro-1,1,2,2-tetrafluoro | 85  | 3.137     | 3.132         | 0.005         | 88  | 1078564  | 20.8            | 18.4              |       |
| 5 Chloromethane                    | 50  | 3.249     | 3.244         | 0.005         | 98  | 252032   | 21.8            | 19.3              |       |
| 6 Butane                           | 43  | 3.441     | 3.430         | 0.011         | 96  | 386306   | 20.7            | 18.7              |       |
| 7 Vinyl chloride                   | 62  | 3.468     | 3.462         | 0.006         | 100 | 283344   | 20.8            | 17.0              |       |
| 8 Butadiene                        | 54  | 3.543     | 3.532         | 0.011         | 94  | 210924   | 20.2            | 16.4              |       |
| 10 Bromomethane                    | 94  | 4.146     | 4.140         | 0.006         | 97  | 302956   | 20.6            | 18.0              |       |
| 11 Chloroethane                    | 64  | 4.365     | 4.359         | 0.006         | 97  | 126213   | 20.8            | 18.0              |       |
| 12 2-Methylbutane                  | 43  | 4.466     | 4.460         | 0.006         | 89  | 275273   | 20.9            | 17.0              |       |
| 13 Vinyl bromide                   | 106 | 4.738     | 4.727         | 0.011         | 95  | 313801   | 20.8            | 18.8              |       |
| 14 Trichlorofluoromethane          | 101 | 4.856     | 4.845         | 0.011         | 99  | 1256809  | 21.1            | 18.8              |       |
| 16 Pentane                         | 43  | 5.005     | 4.999         | 0.006         | 96  | 458188   | 20.3            | 18.1              |       |
| 17 Ethanol                         | 45  | 5.437     | 5.437         | 0.000         | 98  | 222385   | 40.0            | 31.4              |       |
| 18 Ethyl ether                     | 59  | 5.517     | 5.528         | -0.011        | 95  | 206157   | 20.2            | 17.7              |       |
| 19 Acrolein                        | 56  | 5.827     | 5.821         | 0.006         | 98  | 111797   | 19.4            | 18.8              |       |
| 20 1,1,2-Trichloro-1,2,2-trifluoro | 101 | 5.907     | 5.907         | 0.000         | 92  | 841378   | 21.0            | 18.0              |       |
| 21 1,1-Dichloroethene              | 96  | 5.923     | 5.917         | 0.006         | 98  | 349876   | 20.6            | 18.4              |       |
| 22 Acetone                         | 43  | 6.142     | 6.142         | 0.000         | 100 | 502313   | 20.5            | 18.5              |       |
| 23 Carbon disulfide                | 76  | 6.286     | 6.280         | 0.006         | 99  | 962824   | 20.3            | 18.3              |       |
| 24 Isopropyl alcohol               | 45  | 6.521     | 6.531         | -0.010        | 99  | 491798   | 20.4            | 18.6              |       |
| 25 3-Chloro-1-propene              | 41  | 6.675     | 6.670         | 0.005         | 95  | 445167   | 21.3            | 18.7              |       |
| 26 Acetonitrile                    | 41  | 6.745     | 6.739         | 0.006         | 99  | 206732   | 19.8            | 18.9              |       |
| 27 Methylene Chloride              | 49  | 6.958     | 6.958         | 0.000         | 95  | 404330   | 20.6            | 19.0              |       |
| 28 2-Methyl-2-propanol             | 59  | 7.305     | 7.332         | -0.027        | 96  | 717893   | 21.6            | 19.6              |       |
| 31 trans-1,2-Dichloroethene        | 61  | 7.417     | 7.422         | -0.005        | 97  | 569067   | 20.4            | 18.4              |       |
| 29 Methyl tert-butyl ether         | 73  | 7.439     | 7.444         | -0.005        | 95  | 1126695  | 20.9            | 18.2              |       |
| 32 Acrylonitrile                   | 53  | 7.503     | 7.502         | 0.001         | 92  | 210953   | 20.2            | 18.7              |       |
| 33 Hexane                          | 57  | 7.850     | 7.849         | 0.001         | 87  | 495303   | 21.2            | 18.3              |       |



| Compound                       | Sig | RT (min.) | Adj RT (min.)   | Dlt RT (min.) | Q       | Response | Cal Amt ppb v/v | OnCol Amt ppb v/v | Flags |
|--------------------------------|-----|-----------|-----------------|---------------|---------|----------|-----------------|-------------------|-------|
| 34 1,1-Dichloroethane          | 63  | 8.255     | 8.255           | 0.000         | 99      | 650075   | 20.0            | 17.0              |       |
| 35 Vinyl acetate               | 43  | 8.362     | 8.362           | 0.000         | 99      | 958387   | 20.8            | 20.3              |       |
| 37 cis-1,2-Dichloroethene      | 96  | 9.355     | 9.349           | 0.006         | 94      | 438351   | 20.2            | 17.5              |       |
| 38 2-Butanone (MEK)            | 72  | 9.403     | 9.408           | -0.005        | 100     | 178157   | 20.7            | 18.2              |       |
| 39 Ethyl acetate               | 88  | 9.488     | 9.493           | -0.005        | 99      | 34275    | 20.3            | 18.5              |       |
| * 40 Chlorobromomethane        | 128 | 9.792     | 9.792           | 0.000         | 79      | 402409   | 20.0            | 20.0              |       |
| 41 Tetrahydrofuran             | 42  | 9.856     | 9.867           | -0.011        | 89      | 402856   | 20.0            | 18.8              |       |
| 42 Chloroform                  | 83  | 9.947     | 9.952           | -0.005        | 97      | 1036173  | 20.2            | 17.6              |       |
| S 30 1,2-Dichloroethene, Total | 61  |           |                 |               | 0       |          | 40.6            | 35.9              |       |
| 44 1,1,1-Trichloroethane       | 97  | 10.219    | 10.219          | 0.000         | 95      | 1258762  | 20.4            | 18.2              |       |
| 43 Cyclohexane                 | 84  | 10.225    | 10.230          | -0.005        | 91      | 571634   | 20.3            | 17.6              |       |
| 45 Carbon tetrachloride        | 117 | 10.486    | 10.486          | 0.000         | 98      | 1444476  | 20.3            | 18.3              |       |
| 47 Benzene                     | 78  | 10.913    | 10.913          | 0.000         | 97      | 1424816  | 20.7            | 18.1              |       |
| 46 Isooctane                   | 57  | 10.961    | 10.961          | 0.000         | 97      | 2137077  | 20.9            | 18.3              |       |
| 48 1,2-Dichloroethane          | 62  | 11.068    | 11.068          | 0.000         | 98      | 805948   | 20.7            | 18.6              |       |
| 49 n-Heptane                   | 43  | 11.372    | 11.372          | 0.000         | 93      | 849648   | 21.0            | 17.9              |       |
| * 50 1,4-Difluorobenzene       | 114 | 11.767    | 11.767          | 0.000         | 94      | 2280818  | 20.0            | 20.0              |       |
| 53 Trichloroethene             | 95  | 12.237    | 12.236          | 0.001         | 98      | 828849   | 21.1            | 18.8              |       |
| 52 n-Butanol                   | 56  | 12.263    | 12.268          | -0.005        | 91      | 260374   | 19.1            | 16.6              |       |
| 54 1,2-Dichloropropane         | 63  | 12.738    | 12.743          | -0.005        | 83      | 582789   | 20.6            | 17.8              |       |
| 55 Methyl methacrylate         | 69  | 12.978    | 12.983          | -0.005        | 94      | 600543   | 20.3            | 18.8              |       |
| 57 Dibromomethane              | 174 | 12.994    | 12.994          | 0.000         | 91      | 964420   | 20.6            | 18.5              |       |
| 56 1,4-Dioxane                 | 88  | 13.032    | 13.042          | -0.010        | 93      | 315640   | 21.2            | 18.5              |       |
| 58 Dichlorobromomethane        | 83  | 13.320    | 13.325          | -0.005        | 98      | 1511035  | 21.1            | 19.2              |       |
| 60 cis-1,3-Dichloropropene     | 75  | 14.281    | 14.286          | -0.005        | 96      | 1246763  | 20.8            | 18.9              |       |
| 61 4-Methyl-2-pentanone (MIBK) | 43  | 14.611    | 14.622          | -0.011        | 97      | 1416300  | 20.5            | 18.3              |       |
| A 63 Toluene Range             | 1   | 14.894    | (14.854-14.934) | 0             | 5943062 | NC       | NC              |                   |       |
| 65 Toluene                     | 92  | 14.894    | 14.894          | 0.000         | 93      | 1431873  | 20.3            | 18.3              |       |
| A 62 C8 Range                  | 1   | 15.054    | (15.004-15.104) | 0             | 6147276 | NC       | NC              |                   |       |
| 64 n-Octane                    | 43  | 15.060    | 15.054          | 0.006         | 90      | 1526342  | 20.7            | 17.9              |       |
| 66 trans-1,3-Dichloropropene   | 75  | 15.487    | 15.492          | -0.005        | 98      | 1161316  | 19.8            | 18.4              |       |
| 67 1,1,2-Trichloroethane       | 83  | 15.855    | 15.855          | 0.000         | 97      | 670854   | 21.0            | 18.3              |       |
| 68 Tetrachloroethene           | 166 | 16.015    | 16.020          | -0.005        | 95      | 1486687  | 21.0            | 17.9              |       |
| 69 2-Hexanone                  | 43  | 16.367    | 16.372          | -0.005        | 95      | 1344991  | 20.0            | 17.5              |       |
| 71 Chlorodibromomethane        | 129 | 16.623    | 16.623          | 0.000         | 97      | 1796356  | 19.4            | 19.4              |       |
| 72 Ethylene Dibromide          | 107 | 16.874    | 16.874          | 0.000         | 98      | 1397017  | 21.2            | 19.5              |       |
| * 74 Chlorobenzene-d5          | 117 | 17.808    | 17.808          | 0.000         | 86      | 2578455  | 20.0            | 20.0              |       |
| 75 Chlorobenzene               | 112 | 17.867    | 17.867          | 0.000         | 94      | 2124884  | 21.0            | 18.9              |       |
| 76 Ethylbenzene                | 91  | 18.043    | 18.043          | 0.000         | 99      | 3525202  | 20.4            | 18.7              |       |
| 77 n-Nonane                    | 57  | 18.262    | 18.256          | 0.006         | 87      | 1572674  | 21.0            | 18.3              |       |
| 78 m-Xylene & p-Xylene         | 106 | 18.299    | 18.294          | 0.005         | 0       | 2703125  | 41.1            | 37.9              |       |
| 79 o-Xylene                    | 106 | 19.126    | 19.126          | 0.000         | 99      | 1331300  | 20.7            | 18.8              |       |
| 80 Styrene                     | 104 | 19.175    | 19.174          | 0.001         | 99      | 2255016  | 20.6            | 20.5              |       |
| 81 Bromoform                   | 173 | 19.591    | 19.596          | -0.005        | 97      | 2019936  | 20.6            | 23.4              |       |
| 82 Isopropylbenzene            | 105 | 19.874    | 19.879          | -0.005        | 96      | 4239363  | 20.9            | 19.3              |       |
| S 73 Xylenes, Total            | 106 |           |                 |               | 0       |          | 61.8            | 56.8              |       |
| * 83 4-Bromofluorobenzene      | 95  | 20.258    | 20.258          | 0.000         | 93      | 2175069  | 20.0            | 20.0              |       |
| 84 1,1,2,2-Tetrachloroethane   | 83  | 20.562    | 20.562          | 0.000         | 99      | 1895355  | 20.7            | 18.9              |       |
| 86 1,2,3-Trichloropropane      | 75  | 20.648    | 20.647          | 0.001         | 97      | 1630394  | 21.2            | 19.5              |       |
| 85 N-Propylbenzene             | 91  | 20.669    | 20.663          | 0.006         | 99      | 4983803  | 20.8            | 19.1              |       |
| 89 2-Chlorotoluene             | 91  | 20.861    | 20.861          | 0.000         | 97      | 3616377  | 20.9            | 19.2              |       |
| 88 4-Ethyltoluene              | 105 | 20.872    | 20.871          | 0.001         | 98      | 4332148  | 20.7            | 19.5              |       |

| Compound                   | Sig | RT (min.) | Adj RT (min.) | Dlt RT (min.) | Q  | Response | Cal Amt ppb v/v | OnCol Amt ppb v/v | Flags |
|----------------------------|-----|-----------|---------------|---------------|----|----------|-----------------|-------------------|-------|
| 87 n-Decane                | 57  | 20.930    | 20.930        | 0.000         | 93 | 2164380  | 20.8            | 19.1              |       |
| 90 1,3,5-Trimethylbenzene  | 105 | 20.989    | 20.994        | -0.005        | 92 | 3769411  | 20.8            | 19.3              |       |
| 91 Alpha Methyl Styrene    | 118 | 21.379    | 21.378        | 0.001         | 89 | 1933113  | 20.4            | 20.6              |       |
| 92 tert-Butylbenzene       | 119 | 21.507    | 21.506        | 0.001         | 92 | 3708990  | 20.7            | 19.1              |       |
| 93 1,2,4-Trimethylbenzene  | 105 | 21.608    | 21.608        | 0.000         | 98 | 3882214  | 20.8            | 19.9              |       |
| 94 sec-Butylbenzene        | 105 | 21.854    | 21.853        | 0.001         | 98 | 5558204  | 20.9            | 19.9              |       |
| 95 4-Isopropyltoluene      | 119 | 22.072    | 22.072        | 0.000         | 98 | 4807359  | 20.6            | 19.5              |       |
| 96 1,3-Dichlorobenzene     | 146 | 22.078    | 22.078        | 0.000         | 98 | 2730073  | 21.2            | 20.3              |       |
| 97 1,4-Dichlorobenzene     | 146 | 22.222    | 22.222        | 0.000         | 97 | 2850906  | 20.9            | 20.8              |       |
| 98 Benzyl chloride         | 91  | 22.409    | 22.408        | 0.001         | 98 | 3156015  | 21.2            | 21.4              |       |
| 100 n-Butylbenzene         | 91  | 22.654    | 22.654        | 0.000         | 98 | 4501186  | 20.8            | 20.5              |       |
| 99 Undecane                | 57  | 22.729    | 22.729        | 0.000         | 93 | 2474687  | 20.9            | 20.1              |       |
| 101 1,2-Dichlorobenzene    | 146 | 22.745    | 22.745        | 0.000         | 96 | 2674565  | 20.9            | 20.2              |       |
| 102 Dodecane               | 57  | 24.229    | 24.228        | 0.001         | 97 | 2722524  | 18.7            | 19.4              |       |
| 103 1,2,4-Trichlorobenzene | 180 | 25.082    | 25.082        | 0.000         | 94 | 2940181  | 21.7            | 24.6              |       |
| 104 Hexachlorobutadiene    | 225 | 25.285    | 25.285        | 0.000         | 96 | 3182832  | 20.5            | 20.3              |       |
| 105 Naphthalene            | 128 | 25.493    | 25.498        | -0.005        | 99 | 5458065  | 19.4            | 23.7              |       |
| 106 1,2,3-Trichlorobenzene | 180 | 25.936    | 25.931        | 0.005         | 95 | 2515545  | 18.2            | 20.6              |       |

**QC Flag Legend**

Processing Flags

NC - Not Calibrated

**Reagents:**

ATTO15CAL6w\_00184

Amount Added: 200.00

Units: mL

ATTO15CISs\_00010

Amount Added: 40.00

Units: mL

Run Reagent

Report Date: 28-Dec-2020 11:07:34

Chrom Revision: 2.3 09-Dec-2020 16:22:14

Eurofins TestAmerica, Burlington

Data File: \\chromfs\Burlington\ChromData\CHC.i\20201217-44129.b\44129-08.D

Injection Date: 17-Dec-2020 22:36:30

Instrument ID: CHC.i

Operator ID: ggg

Lims ID: ic

Worklist Smp#: 8

Client ID:

Purge Vol: 200.000 mL

Dil. Factor: 1.0000

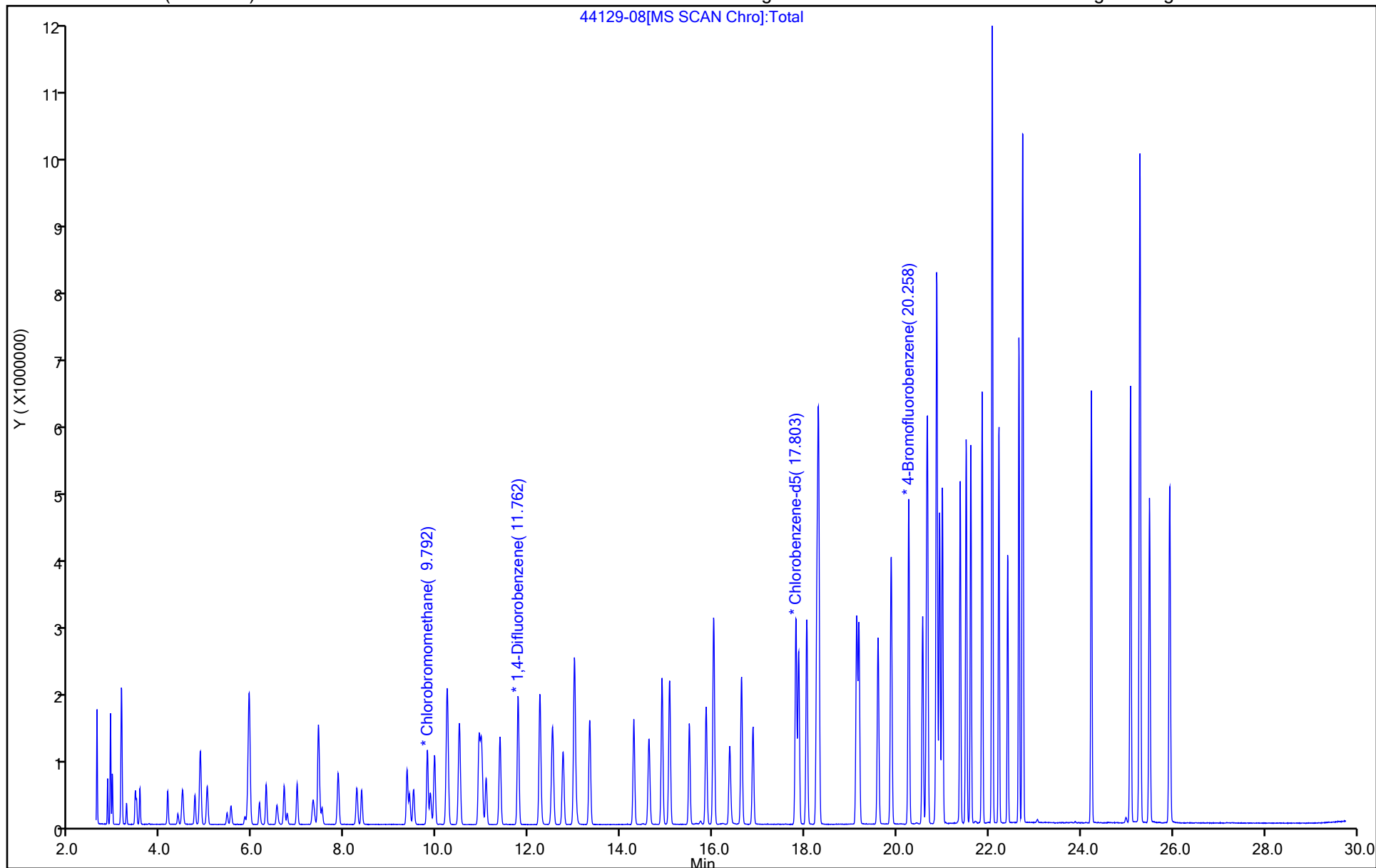
ALS Bottle#: 11

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 TestAmerica, Burlington  
Target Compound Quantitation Report

Data File: \\chromfs\Burlington\ChromData\CHC.i\20201217-44129.b\44129-09.D  
 Lims ID: ic  
 Client ID:  
 Sample Type: IC Calib Level: 8  
 Inject. Date: 17-Dec-2020 23:30:30 ALS Bottle#: 12 Worklist Smp#: 9  
 Purge Vol: 200.000 mL Dil. Factor: 1.0000  
 Sample Info: 200-0044129-009  
 Misc. Info.: ic8  
 Operator ID: ggg Instrument ID: CHC.i  
 Sublist: chrom-TO15\_MasterMethod\_(v1)\_CHC.i\*sub10  
 Method: \\chromfs\Burlington\ChromData\CHC.i\20201217-44129.b\TO15\_MasterMethod\_(v1)\_CHC.i.m  
 Limit Group: AI\_TO15\_ICAL  
 Last Update: 28-Dec-2020 11:08:08 Calib Date: 18-Dec-2020 04:03:30  
 Integrator: RTE ID Type: Deconvolution ID  
 Quant Method: Internal Standard Quant By: Initial Calibration  
 Last ICal File: \\chromfs\Burlington\ChromData\CHC.i\20201217-44129.b\44129-14.D  
 Column 1 : RTX-624 ( 0.32 mm) Det: MS SCAN  
 Process Host: CTX1638

First Level Reviewer: phamvu

Date: 28-Dec-2020 11:08:08

| Compound                           | Sig | RT<br>(min.) | Adj RT<br>(min.) | Dlt RT<br>(min.) | Q   | Response | Cal Amt<br>ppb v/v | OnCol Amt<br>ppb v/v | Flags |
|------------------------------------|-----|--------------|------------------|------------------|-----|----------|--------------------|----------------------|-------|
| 1 Propene                          | 41  | 2.828        | 2.833            | -0.005           | 96  | 570365   | 41.3               | 40.2                 |       |
| 2 Dichlorodifluoromethane          | 85  | 2.892        | 2.891            | 0.001            | 99  | 3046506  | 41.8               | 42.8                 |       |
| 3 Chlorodifluoromethane            | 51  | 2.934        | 2.934            | 0.000            | 98  | 1369989  | 41.9               | 39.0                 |       |
| 4 1,2-Dichloro-1,1,2,2-tetrafluoro | 85  | 3.132        | 3.132            | 0.000            | 91  | 2522508  | 41.6               | 39.2                 |       |
| 5 Chloromethane                    | 50  | 3.244        | 3.244            | 0.000            | 99  | 591141   | 43.7               | 41.4                 |       |
| 6 Butane                           | 43  | 3.436        | 3.430            | 0.006            | 94  | 879311   | 41.4               | 38.7                 |       |
| 7 Vinyl chloride                   | 62  | 3.463        | 3.462            | 0.001            | 100 | 651527   | 41.6               | 35.6                 |       |
| 8 Butadiene                        | 54  | 3.532        | 3.532            | 0.000            | 93  | 477296   | 40.5               | 33.9                 |       |
| 10 Bromomethane                    | 94  | 4.140        | 4.140            | 0.000            | 97  | 705524   | 41.2               | 38.3                 |       |
| 11 Chloroethane                    | 64  | 4.365        | 4.359            | 0.006            | 97  | 290770   | 41.6               | 37.8                 |       |
| 12 2-Methylbutane                  | 43  | 4.466        | 4.460            | 0.006            | 87  | 624423   | 41.8               | 35.2                 |       |
| 13 Vinyl bromide                   | 106 | 4.733        | 4.727            | 0.006            | 96  | 758127   | 41.7               | 41.4                 |       |
| 14 Trichlorofluoromethane          | 101 | 4.850        | 4.845            | 0.005            | 99  | 2949381  | 42.2               | 40.3                 |       |
| 16 Pentane                         | 43  | 5.000        | 4.999            | 0.001            | 95  | 1042176  | 40.5               | 37.6                 |       |
| 17 Ethanol                         | 45  | 5.427        | 5.437            | -0.010           | 97  | 630828   | 100.0              | 81.1                 |       |
| 18 Ethyl ether                     | 59  | 5.512        | 5.528            | -0.016           | 94  | 479417   | 40.3               | 37.6                 |       |
| 19 Acrolein                        | 56  | 5.816        | 5.821            | -0.005           | 98  | 275871   | 38.9               | 42.3                 |       |
| 20 1,1,2-Trichloro-1,2,2-trifluoro | 101 | 5.907        | 5.907            | 0.000            | 92  | 1985422  | 42.0               | 38.8                 |       |
| 21 1,1-Dichloroethene              | 96  | 5.918        | 5.917            | 0.001            | 97  | 822167   | 41.1               | 39.5                 |       |
| 22 Acetone                         | 43  | 6.126        | 6.142            | -0.016           | 100 | 1172516  | 41.0               | 39.4                 |       |
| 23 Carbon disulfide                | 76  | 6.286        | 6.280            | 0.006            | 99  | 2284567  | 40.6               | 39.6                 |       |
| 24 Isopropyl alcohol               | 45  | 6.499        | 6.531            | -0.032           | 99  | 1168936  | 40.9               | 40.4                 |       |
| 25 3-Chloro-1-propene              | 41  | 6.675        | 6.670            | 0.005            | 95  | 1026266  | 42.6               | 39.4                 |       |
| 26 Acetonitrile                    | 41  | 6.740        | 6.739            | 0.001            | 99  | 470422   | 39.6               | 39.2                 |       |
| 27 Methylene Chloride              | 49  | 6.958        | 6.958            | 0.000            | 93  | 915876   | 41.1               | 39.2                 |       |
| 28 2-Methyl-2-propanol             | 59  | 7.279        | 7.332            | -0.053           | 95  | 1741697  | 43.1               | 43.3                 |       |
| 31 trans-1,2-Dichloroethene        | 61  | 7.417        | 7.422            | -0.005           | 97  | 1315631  | 40.8               | 38.9                 |       |
| 29 Methyl tert-butyl ether         | 73  | 7.423        | 7.444            | -0.021           | 97  | 2704654  | 41.8               | 39.7                 |       |
| 32 Acrylonitrile                   | 53  | 7.497        | 7.502            | -0.005           | 94  | 504011   | 40.4               | 40.8                 |       |
| 33 Hexane                          | 57  | 7.850        | 7.849            | 0.001            | 87  | 1143235  | 42.4               | 38.6                 |       |

| Compound                       | Sig | RT (min.) | Adj RT (min.)   | Dlt RT (min.) | Q        | Response | Cal Amt ppb v/v | OnCol Amt ppb v/v | Flags |
|--------------------------------|-----|-----------|-----------------|---------------|----------|----------|-----------------|-------------------|-------|
| 34 1,1-Dichloroethane          | 63  | 8.261     | 8.255           | 0.006         | 99       | 1532059  | 40.0            | 36.6              |       |
| 35 Vinyl acetate               | 43  | 8.362     | 8.362           | 0.000         | 99       | 2240794  | 41.6            | 43.2              |       |
| 37 cis-1,2-Dichloroethene      | 96  | 9.349     | 9.349           | 0.000         | 94       | 1030728  | 40.4            | 37.5              |       |
| 38 2-Butanone (MEK)            | 72  | 9.397     | 9.408           | -0.011        | 100      | 438752   | 41.4            | 40.9              |       |
| 39 Ethyl acetate               | 88  | 9.483     | 9.493           | -0.010        | 99       | 83577    | 40.5            | 41.2              |       |
| * 40 Chlorobromomethane        | 128 | 9.792     | 9.792           | 0.000         | 79       | 441332   | 20.0            | 20.0              |       |
| 41 Tetrahydrofuran             | 42  | 9.846     | 9.867           | -0.021        | 86       | 926124   | 40.0            | 38.9              |       |
| 42 Chloroform                  | 83  | 9.947     | 9.952           | -0.005        | 96       | 2476475  | 40.4            | 38.3              |       |
| S 30 1,2-Dichloroethene, Total | 61  |           |                 |               | 0        |          | 81.2            | 76.4              |       |
| 44 1,1,1-Trichloroethane       | 97  | 10.219    | 10.219          | 0.000         | 95       | 2975084  | 40.8            | 38.7              |       |
| 43 Cyclohexane                 | 84  | 10.230    | 10.230          | 0.000         | 93       | 1346987  | 40.6            | 37.4              |       |
| 45 Carbon tetrachloride        | 117 | 10.491    | 10.486          | 0.005         | 98       | 3499588  | 40.6            | 39.9              |       |
| 47 Benzene                     | 78  | 10.913    | 10.913          | 0.000         | 97       | 3487980  | 41.3            | 40.0              |       |
| 46 Isooctane                   | 57  | 10.966    | 10.961          | 0.005         | 97       | 5069260  | 41.9            | 39.1              |       |
| 48 1,2-Dichloroethane          | 62  | 11.073    | 11.068          | 0.005         | 99       | 1886165  | 41.4            | 39.2              |       |
| 49 n-Heptane                   | 43  | 11.377    | 11.372          | 0.005         | 91       | 1962731  | 42.0            | 37.2              |       |
| * 50 1,4-Difluorobenzene       | 114 | 11.767    | 11.767          | 0.000         | 94       | 2535600  | 20.0            | 20.0              |       |
| 53 Trichloroethene             | 95  | 12.237    | 12.236          | 0.001         | 98       | 2053518  | 42.1            | 41.9              |       |
| 52 n-Butanol                   | 56  | 12.237    | 12.268          | -0.031        | 41       | 651487   | 38.2            | 37.4              | a     |
| 54 1,2-Dichloropropane         | 63  | 12.744    | 12.743          | 0.001         | 84       | 1399369  | 41.2            | 38.4              |       |
| 55 Methyl methacrylate         | 69  | 12.978    | 12.983          | -0.005        | 94       | 1436640  | 40.6            | 40.5              |       |
| 57 Dibromomethane              | 174 | 13.000    | 12.994          | 0.006         | 90       | 2362220  | 41.2            | 40.7              |       |
| 56 1,4-Dioxane                 | 88  | 13.016    | 13.042          | -0.026        | 92       | 773514   | 42.3            | 40.8              |       |
| 58 Dichlorobromomethane        | 83  | 13.325    | 13.325          | 0.000         | 98       | 3657475  | 42.3            | 41.8              |       |
| 60 cis-1,3-Dichloropropene     | 75  | 14.281    | 14.286          | -0.005        | 96       | 3027262  | 41.6            | 41.2              |       |
| 61 4-Methyl-2-pentanone (MIBK) | 43  | 14.595    | 14.622          | -0.027        | 96       | 3408478  | 41.0            | 39.7              |       |
| A 63 Toluene Range             | 1   | 14.894    | (14.854-14.934) | 0             | 14519739 | NC       | NC              |                   |       |
| 65 Toluene                     | 92  | 14.894    | 14.894          | 0.000         | 93       | 3561939  | 40.6            | 39.9              |       |
| A 62 C8 Range                  | 1   | 15.060    | (15.004-15.104) | 0             | 14610670 | NC       | NC              |                   |       |
| 64 n-Octane                    | 43  | 15.060    | 15.054          | 0.006         | 90       | 3574099  | 41.3            | 37.7              |       |
| 66 trans-1,3-Dichloropropene   | 75  | 15.487    | 15.492          | -0.005        | 98       | 2872994  | 39.5            | 40.9              |       |
| 67 1,1,2-Trichloroethane       | 83  | 15.855    | 15.855          | 0.000         | 98       | 1656418  | 41.9            | 39.5              |       |
| 68 Tetrachloroethene           | 166 | 16.020    | 16.020          | 0.000         | 95       | 3688908  | 42.0            | 38.8              |       |
| 69 2-Hexanone                  | 43  | 16.351    | 16.372          | -0.021        | 95       | 3326349  | 40.0            | 37.8              |       |
| 71 Chlorodibromomethane        | 129 | 16.623    | 16.623          | 0.000         | 97       | 4311135  | 38.7            | 40.8              |       |
| 72 Ethylene Dibromide          | 107 | 16.874    | 16.874          | 0.000         | 99       | 3515060  | 42.4            | 43.0              |       |
| * 74 Chlorobenzene-d5          | 117 | 17.808    | 17.808          | 0.000         | 86       | 2946900  | 20.0            | 20.0              |       |
| 75 Chlorobenzene               | 112 | 17.867    | 17.867          | 0.000         | 94       | 5289935  | 42.0            | 41.2              |       |
| 76 Ethylbenzene                | 91  | 18.043    | 18.043          | 0.000         | 98       | 8826570  | 40.9            | 40.9              |       |
| 77 n-Nonane                    | 57  | 18.262    | 18.256          | 0.006         | 85       | 3654489  | 41.9            | 37.3              |       |
| 78 m-Xylene & p-Xylene         | 106 | 18.299    | 18.294          | 0.005         | 0        | 6571179  | 82.2            | 80.7              |       |
| 79 o-Xylene                    | 106 | 19.132    | 19.126          | 0.006         | 98       | 3303291  | 41.4            | 40.9              |       |
| 80 Styrene                     | 104 | 19.180    | 19.174          | 0.006         | 98       | 5683958  | 41.3            | 45.2              |       |
| 81 Bromoform                   | 173 | 19.596    | 19.596          | 0.000         | 97       | 4300640  | 41.2            | 43.7              |       |
| 82 Isopropylbenzene            | 105 | 19.879    | 19.879          | 0.000         | 96       | 10717176 | 41.7            | 42.6              |       |
| S 73 Xylenes, Total            | 106 |           |                 |               | 0        |          | 123.7           | 121.6             |       |
| * 83 4-Bromofluorobenzene      | 95  | 20.258    | 20.258          | 0.000         | 94       | 2510554  | 20.0            | 20.0              |       |
| 84 1,1,2,2-Tetrachloroethane   | 83  | 20.562    | 20.562          | 0.000         | 99       | 4517755  | 41.4            | 39.5              |       |
| 86 1,2,3-Trichloropropane      | 75  | 20.647    | 20.647          | 0.000         | 96       | 3857473  | 42.4            | 40.4              |       |
| 85 N-Propylbenzene             | 91  | 20.669    | 20.663          | 0.006         | 99       | 12199649 | 41.6            | 40.9              |       |
| 89 2-Chlorotoluene             | 91  | 20.866    | 20.861          | 0.005         | 96       | 8834458  | 41.8            | 41.0              |       |
| 88 4-Ethyltoluene              | 105 | 20.877    | 20.871          | 0.006         | 98       | 10657270 | 41.3            | 42.0              |       |

| Compound                   | Sig | RT<br>(min.) | Adj RT<br>(min.) | Dlt RT<br>(min.) | Q  | Response | Cal Amt<br>ppb v/v | OnCol Amt<br>ppb v/v | Flags |
|----------------------------|-----|--------------|------------------|------------------|----|----------|--------------------|----------------------|-------|
| 87 n-Decane                | 57  | 20.930       | 20.930           | 0.000            | 93 | 5101691  | 41.7               | 39.3                 |       |
| 90 1,3,5-Trimethylbenzene  | 105 | 20.994       | 20.994           | 0.000            | 92 | 9421706  | 41.6               | 42.2                 |       |
| 91 Alpha Methyl Styrene    | 118 | 21.379       | 21.378           | 0.001            | 90 | 4842901  | 40.8               | 45.1                 |       |
| 92 tert-Butylbenzene       | 119 | 21.512       | 21.506           | 0.006            | 93 | 9210409  | 41.4               | 41.4                 |       |
| 93 1,2,4-Trimethylbenzene  | 105 | 21.613       | 21.608           | 0.005            | 97 | 9600663  | 41.6               | 43.1                 |       |
| 94 sec-Butylbenzene        | 105 | 21.859       | 21.853           | 0.006            | 98 | 13526504 | 41.8               | 42.4                 |       |
| 95 4-Isopropyltoluene      | 119 | 22.072       | 22.072           | 0.000            | 97 | 11380393 | 41.2               | 40.4                 |       |
| 96 1,3-Dichlorobenzene     | 146 | 22.078       | 22.078           | 0.000            | 96 | 6583657  | 42.3               | 42.8                 |       |
| 97 1,4-Dichlorobenzene     | 146 | 22.222       | 22.222           | 0.000            | 96 | 7196856  | 41.9               | 45.9                 |       |
| 98 Benzyl chloride         | 91  | 22.414       | 22.408           | 0.006            | 98 | 8363695  | 42.3               | 49.7                 |       |
| 100 n-Butylbenzene         | 91  | 22.654       | 22.654           | 0.000            | 98 | 10868253 | 41.6               | 43.3                 |       |
| 99 Undecane                | 57  | 22.729       | 22.729           | 0.000            | 95 | 5461093  | 41.8               | 38.9                 |       |
| 101 1,2-Dichlorobenzene    | 146 | 22.745       | 22.745           | 0.000            | 98 | 6410835  | 41.8               | 42.3                 |       |
| 102 Dodecane               | 57  | 24.234       | 24.228           | 0.006            | 97 | 6258544  | 37.4               | 39.1                 |       |
| 103 1,2,4-Trichlorobenzene | 180 | 25.082       | 25.082           | 0.000            | 94 | 7333508  | 43.4               | 53.6                 |       |
| 104 Hexachlorobutadiene    | 225 | 25.291       | 25.285           | 0.006            | 95 | 7925523  | 41.0               | 44.1                 |       |
| 105 Naphthalene            | 128 | 25.499       | 25.498           | 0.001            | 99 | 13920233 | 38.9               | 52.9                 |       |
| 106 1,2,3-Trichlorobenzene | 180 | 25.936       | 25.931           | 0.005            | 96 | 6392033  | 36.5               | 45.8                 |       |

**QC Flag Legend**

Processing Flags

NC - Not Calibrated

Review Flags

a - User Assigned ID

**Reagents:**

ATTO15CAL7w\_00102

Amount Added: 200.00

Units: mL

ATTO15CISs\_00010

Amount Added: 40.00

Units: mL

Run Reagent

Report Date: 28-Dec-2020 11:08:09

Chrom Revision: 2.3 09-Dec-2020 16:22:14

Eurofins TestAmerica, Burlington

Data File: \\chromfs\Burlington\ChromData\CHC.i\20201217-44129.b\44129-09.D

Injection Date: 17-Dec-2020 23:30:30

Instrument ID: CHC.i

Operator ID: ggg

Lims ID: ic

Worklist Smp#: 9

Client ID:

Purge Vol: 200.000 mL

Dil. Factor: 1.0000

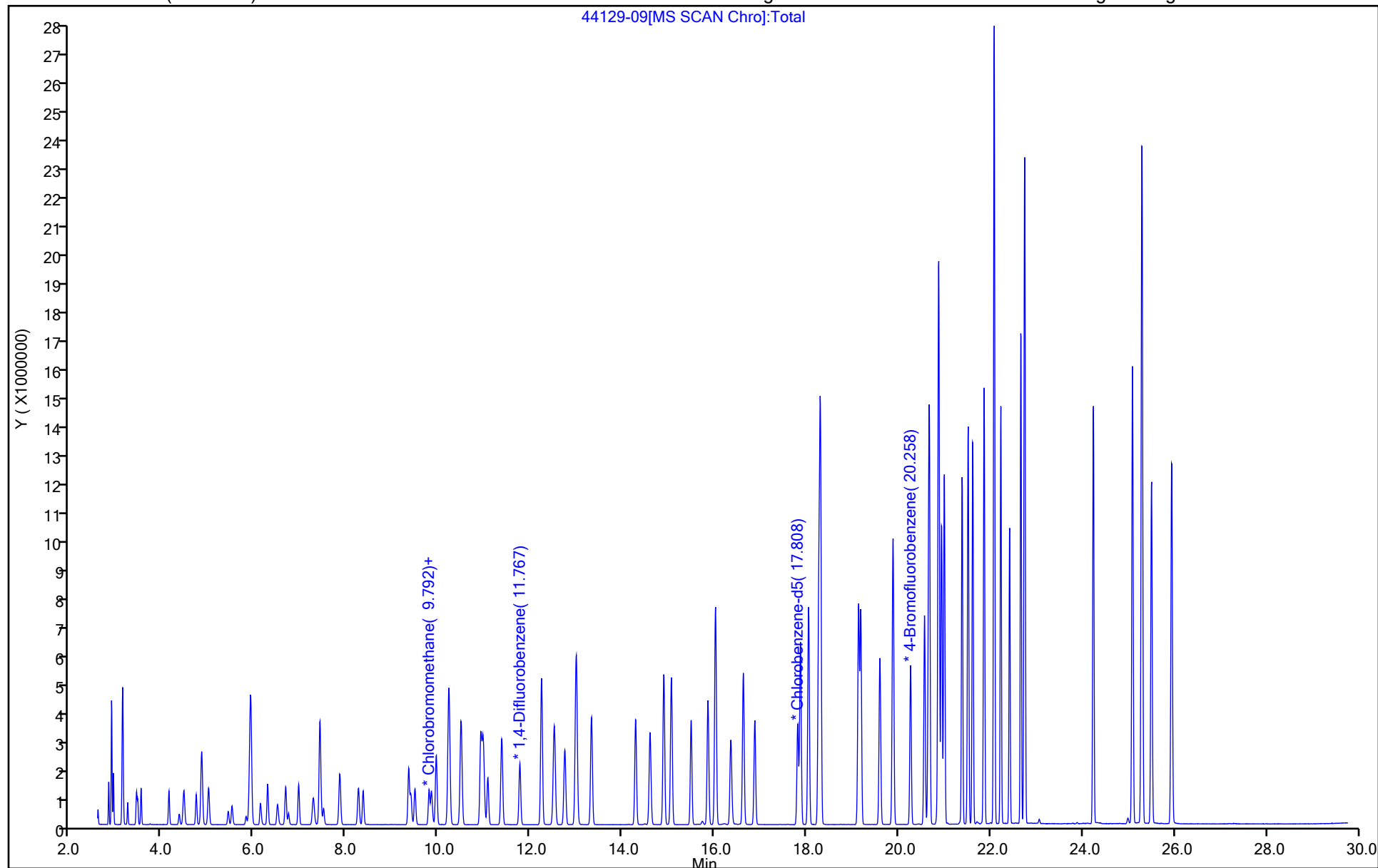
ALS Bottle#: 12

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



## Eurofins TestAmerica, Burlington

Data File: \\chromfs\Burlington\ChromData\CHC.i\20201217-44129.b\44129-09.D

Injection Date: 17-Dec-2020 23:30:30

Instrument ID: CHC.i

Lims ID: ic

Client ID:

Operator ID: ggg

ALS Bottle#:

12

Worklist Smp#: 9

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

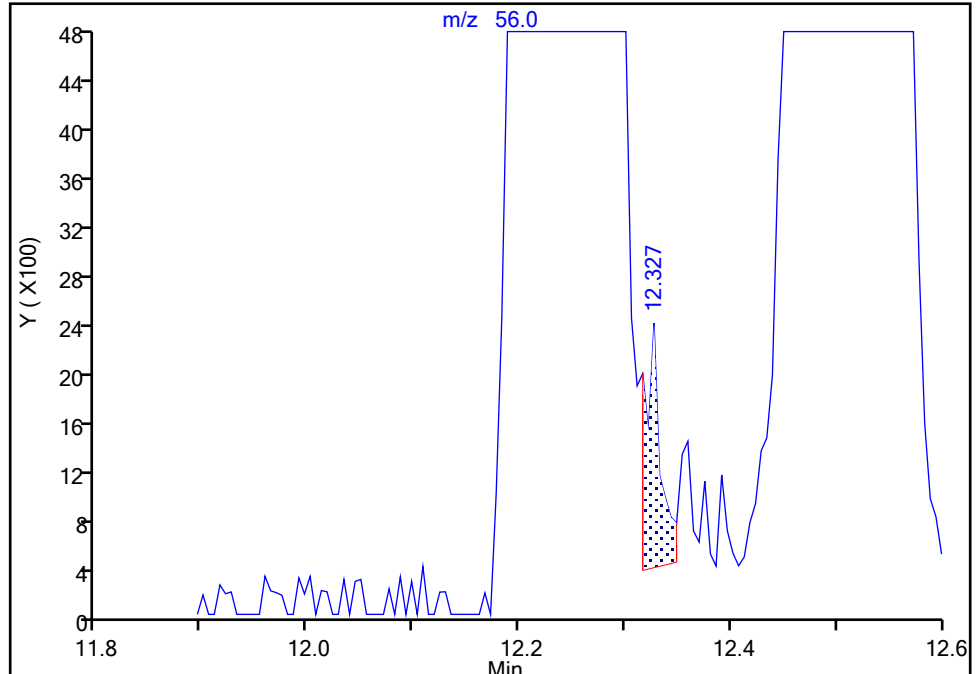
MS SCAN

**52 n-Butanol, CAS: 71-36-3**

Signal: 1

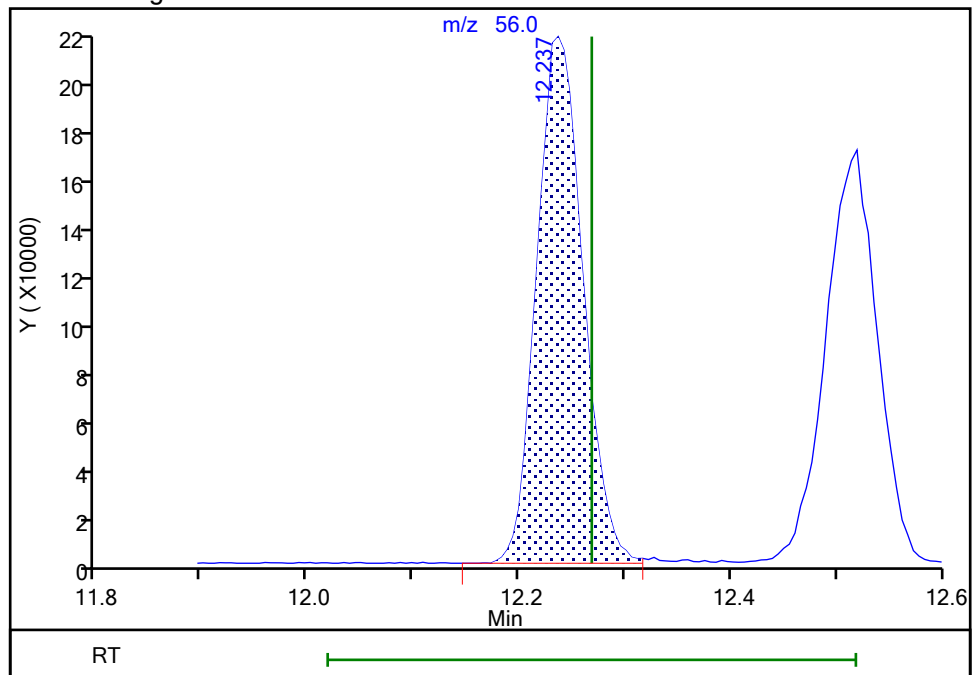
RT: 12.33  
Area: 2172  
Amount: 0.155067  
Amount Units: ppb v/v

## Processing Integration Results



RT: 12.24  
Area: 651487  
Amount: 37.426673  
Amount Units: ppb v/v

## Manual Integration Results



Reviewer: phamvu, 18-Dec-2020 09:10:02

Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected



Eurofins TestAmerica, Burlington  
Target Compound Quantitation Report

Data File: \\chromfs\Burlington\ChromData\CHC.i\20201217-44129.b\44129-14.D  
 Lims ID: icis  
 Client ID:  
 Sample Type: ICIS Calib Level: 5  
 Inject. Date: 18-Dec-2020 04:03:30 ALS Bottle#: 17 Worklist Smp#: 14  
 Purge Vol: 200.000 mL Dil. Factor: 1.0000  
 Sample Info: 200-0044129-014  
 Operator ID: ggg Instrument ID: CHC.i  
 Sublist: chrom-TO15\_MasterMethod\_(v1)\_CHC.i\*sub10  
 Method: \\chromfs\Burlington\ChromData\CHC.i\20201217-44129.b\TO15\_MasterMethod\_(v1)\_CHC.i.m  
 Limit Group: AI\_TO15\_ICAL  
 Last Update: 28-Dec-2020 11:07:34 Calib Date: 18-Dec-2020 04:03:30  
 Integrator: RTE ID Type: Deconvolution ID  
 Quant Method: Internal Standard Quant By: Initial Calibration  
 Last ICal File: \\chromfs\Burlington\ChromData\CHC.i\20201217-44129.b\44129-14.D  
 Column 1 : RTX-624 ( 0.32 mm) Det: MS SCAN  
 Process Host: CTX1638

First Level Reviewer: phamvu

Date: 18-Dec-2020 08:57:23

| 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  | 2.833     | 2.833         | 0.000         | 96  | 163768   | 10.3            | 9.81              |       |
| 2 Dichlorodifluoromethane          | 85  | 2.897     | 2.897         | 0.000         | 100 | 725363   | 10.4            | 8.68              |       |
| 3 Chlorodifluoromethane            | 51  | 2.934     | 2.934         | 0.000         | 98  | 393040   | 10.5            | 9.51              |       |
| 4 1,2-Dichloro-1,1,2,2-tetrafluoro | 85  | 3.132     | 3.132         | 0.000         | 96  | 732756   | 10.4            | 9.69              |       |
| 5 Chloromethane                    | 50  | 3.244     | 3.244         | 0.000         | 99  | 169100   | 10.9            | 10.1              |       |
| 6 Butane                           | 43  | 3.436     | 3.436         | 0.000         | 95  | 259080   | 10.4            | 9.71              |       |
| 7 Vinyl chloride                   | 62  | 3.463     | 3.463         | 0.000         | 99  | 196857   | 10.4            | 9.16              |       |
| 8 Butadiene                        | 54  | 3.532     | 3.532         | 0.000         | 95  | 138812   | 10.1            | 8.38              |       |
| 10 Bromomethane                    | 94  | 4.140     | 4.140         | 0.000         | 96  | 207196   | 10.3            | 9.56              |       |
| 11 Chloroethane                    | 64  | 4.365     | 4.365         | 0.000         | 98  | 83541    | 10.4            | 9.25              |       |
| 12 2-Methylbutane                  | 43  | 4.461     | 4.461         | 0.000         | 87  | 174761   | 10.4            | 8.39              |       |
| 13 Vinyl bromide                   | 106 | 4.733     | 4.733         | 0.000         | 95  | 219378   | 10.4            | 10.2              |       |
| 14 Trichlorofluoromethane          | 101 | 4.850     | 4.850         | 0.000         | 99  | 838685   | 10.6            | 9.74              |       |
| 16 Pentane                         | 43  | 5.000     | 5.000         | 0.000         | 95  | 290740   | 10.1            | 8.91              |       |
| 17 Ethanol                         | 45  | 5.437     | 5.437         | 0.000         | 97  | 136420   | 15.0            | 14.9              |       |
| 18 Ethyl ether                     | 59  | 5.523     | 5.523         | 0.000         | 95  | 134754   | 10.1            | 8.99              |       |
| 19 Acrolein                        | 56  | 5.822     | 5.822         | 0.000         | 98  | 71255    | 9.72            | 9.29              |       |
| 20 1,1,2-Trichloro-1,2,2-trifluoro | 101 | 5.912     | 5.912         | 0.000         | 93  | 573631   | 10.5            | 9.53              |       |
| 21 1,1-Dichloroethene              | 96  | 5.918     | 5.918         | 0.000         | 99  | 245795   | 10.3            | 10.0              |       |
| 22 Acetone                         | 43  | 6.147     | 6.147         | 0.000         | 100 | 328332   | 10.2            | 9.38              |       |
| 23 Carbon disulfide                | 76  | 6.281     | 6.281         | 0.000         | 99  | 639115   | 10.2            | 9.43              |       |
| 24 Isopropyl alcohol               | 45  | 6.526     | 6.526         | 0.000         | 99  | 327288   | 10.2            | 9.61              |       |
| 25 3-Chloro-1-propene              | 41  | 6.670     | 6.670         | 0.000         | 97  | 286839   | 10.6            | 9.36              |       |
| 26 Acetonitrile                    | 41  | 6.745     | 6.745         | 0.000         | 99  | 129726   | 9.90            | 9.19              |       |
| 27 Methylene Chloride              | 49  | 6.958     | 6.958         | 0.000         | 92  | 251898   | 10.3            | 9.18              |       |
| 28 2-Methyl-2-propanol             | 59  | 7.321     | 7.321         | 0.000         | 95  | 477467   | 10.8            | 10.1              |       |
| 31 trans-1,2-Dichloroethene        | 61  | 7.417     | 7.417         | 0.000         | 98  | 373791   | 10.2            | 9.39              |       |
| 29 Methyl tert-butyl ether         | 73  | 7.439     | 7.439         | 0.000         | 95  | 757969   | 10.4            | 9.48              |       |
| 32 Acrylonitrile                   | 53  | 7.497     | 7.497         | 0.000         | 93  | 138042   | 10.1            | 9.52              |       |
| 33 Hexane                          | 57  | 7.850     | 7.850         | 0.000         | 89  | 320816   | 10.6            | 9.21              |       |
| 34 1,1-Dichloroethane              | 63  | 8.250     | 8.250         | 0.000         | 99  | 435164   | 10.0            | 8.84              |       |

| Compound                       | Sig | RT (min.) | Adj RT (min.)   | Dlt RT (min.) | Q   | Response | Cal Amt ppb v/v | OnCol Amt ppb v/v | Flags |
|--------------------------------|-----|-----------|-----------------|---------------|-----|----------|-----------------|-------------------|-------|
| 35 Vinyl acetate               | 43  | 8.362     | 8.362           | 0.000         | 99  | 465594   | 10.4            | 7.64              |       |
| 37 cis-1,2-Dichloroethene      | 96  | 9.349     | 9.349           | 0.000         | 93  | 296356   | 10.1            | 9.17              |       |
| 38 2-Butanone (MEK)            | 72  | 9.408     | 9.408           | 0.000         | 99  | 125774   | 10.3            | 9.96              |       |
| 39 Ethyl acetate               | 88  | 9.499     | 9.499           | 0.000         | 99  | 23282    | 10.1            | 9.77              |       |
| * 40 Chlorobromomethane        | 128 | 9.792     | 9.792           | 0.000         | 76  | 518806   | 20.0            | 20.0              |       |
| 41 Tetrahydrofuran             | 42  | 9.862     | 9.862           | 0.000         | 86  | 248961   | 9.99            | 8.84              |       |
| 42 Chloroform                  | 83  | 9.947     | 9.947           | 0.000         | 97  | 693013   | 10.1            | 9.12              |       |
| S 30 1,2-Dichloroethene, Total | 61  |           |                 |               | 0   |          | 20.3            | 18.6              |       |
| 44 1,1,1-Trichloroethane       | 97  | 10.219    | 10.219          | 0.000         | 95  | 837731   | 10.2            | 9.23              |       |
| 43 Cyclohexane                 | 84  | 10.225    | 10.225          | 0.000         | 91  | 392926   | 10.1            | 9.24              |       |
| 45 Carbon tetrachloride        | 117 | 10.486    | 10.486          | 0.000         | 98  | 942902   | 10.2            | 9.10              |       |
| 47 Benzene                     | 78  | 10.908    | 10.908          | 0.000         | 97  | 993763   | 10.3            | 9.64              |       |
| 46 Isooctane                   | 57  | 10.961    | 10.961          | 0.000         | 97  | 1454090  | 10.5            | 9.49              |       |
| 48 1,2-Dichloroethane          | 62  | 11.062    | 11.062          | 0.000         | 99  | 527765   | 10.4            | 9.30              |       |
| 49 n-Heptane                   | 43  | 11.367    | 11.367          | 0.000         | 90  | 553665   | 10.5            | 8.89              |       |
| * 50 1,4-Difluorobenzene       | 114 | 11.762    | 11.762          | 0.000         | 94  | 2994776  | 20.0            | 20.0              |       |
| 53 Trichloroethene             | 95  | 12.237    | 12.237          | 0.000         | 98  | 610214   | 10.5            | 10.5              |       |
| 52 n-Butanol                   | 56  | 12.258    | 12.258          | 0.000         | 90  | 194557   | 9.55            | 9.46              |       |
| 54 1,2-Dichloropropane         | 63  | 12.744    | 12.744          | 0.000         | 86  | 409100   | 10.3            | 9.52              |       |
| 55 Methyl methacrylate         | 69  | 12.978    | 12.978          | 0.000         | 96  | 410166   | 10.2            | 9.80              |       |
| 57 Dibromomethane              | 174 | 12.994    | 12.994          | 0.000         | 91  | 688128   | 10.3            | 10.0              |       |
| 56 1,4-Dioxane                 | 88  | 13.037    | 13.037          | 0.000         | 91  | 243732   | 10.6            | 10.9              |       |
| 58 Dichlorobromomethane        | 83  | 13.320    | 13.320          | 0.000         | 98  | 1007039  | 10.6            | 9.74              |       |
| 60 cis-1,3-Dichloropropene     | 75  | 14.281    | 14.281          | 0.000         | 95  | 845910   | 10.4            | 9.75              |       |
| 61 4-Methyl-2-pentanone (MIBK) | 43  | 14.617    | 14.617          | 0.000         | 97  | 919369   | 10.2            | 9.07              |       |
| A 63 Toluene Range             | 1   | 14.894    | (14.854-14.934) |               | 0   | 4147378  | NC              | NC                |       |
| 65 Toluene                     | 92  | 14.894    | 14.894          | 0.000         | 94  | 1017272  | 10.2            | 9.72              |       |
| A 62 C8 Range                  | 1   | 15.054    | (15.010-15.110) |               | 0   | 4197640  | NC              | NC                |       |
| 64 n-Octane                    | 43  | 15.060    | 15.060          | 0.000         | 90  | 1032761  | 10.3            | 9.22              |       |
| 66 trans-1,3-Dichloropropene   | 75  | 15.487    | 15.487          | 0.000         | 98  | 781747   | 9.88            | 9.43              |       |
| 67 1,1,2-Trichloroethane       | 83  | 15.850    | 15.850          | 0.000         | 97  | 479905   | 10.5            | 9.75              |       |
| 68 Tetrachloroethene           | 166 | 16.020    | 16.020          | 0.000         | 97  | 1045518  | 10.5            | 9.37              |       |
| 69 2-Hexanone                  | 43  | 16.367    | 16.367          | 0.000         | 96  | 880790   | 9.99            | 8.53              |       |
| 71 Chlorodibromomethane        | 129 | 16.623    | 16.623          | 0.000         | 97  | 1175940  | 9.68            | 9.49              |       |
| 72 Ethylene Dibromide          | 107 | 16.874    | 16.874          | 0.000         | 99  | 963012   | 10.6            | 10.0              |       |
| * 74 Chlorobenzene-d5          | 117 | 17.808    | 17.808          | 0.000         | 86  | 3456738  | 20.0            | 20.0              |       |
| 75 Chlorobenzene               | 112 | 17.867    | 17.867          | 0.000         | 95  | 1505037  | 10.5            | 9.98              |       |
| 76 Ethylbenzene                | 91  | 18.043    | 18.043          | 0.000         | 98  | 2468234  | 10.2            | 9.76              |       |
| 77 n-Nonane                    | 57  | 18.262    | 18.262          | 0.000         | 87  | 1101692  | 10.5            | 9.58              |       |
| 78 m-Xylene & p-Xylene         | 106 | 18.294    | 18.294          | 0.000         | 0   | 1904760  | 20.6            | 19.9              |       |
| 79 o-Xylene                    | 106 | 19.126    | 19.126          | 0.000         | 99  | 951964   | 10.4            | 10.0              |       |
| 80 Styrene                     | 104 | 19.175    | 19.175          | 0.000         | 98  | 1542540  | 10.3            | 10.5              |       |
| 81 Bromoform                   | 173 | 19.596    | 19.596          | 0.000         | 98  | 1145747  | 10.3            | 9.92              |       |
| 82 Isopropylbenzene            | 105 | 19.879    | 19.879          | 0.000         | 96  | 2949707  | 10.4            | 10.0              |       |
| S 73 Xylenes, Total            | 106 |           |                 |               | 0   |          | 30.9            | 30.0              |       |
| * 83 4-Bromofluorobenzene      | 95  | 20.258    | 20.258          | 0.000         | 95  | 2813207  | 20.0            | 20.0              |       |
| 84 1,1,2,2-Tetrachloroethane   | 83  | 20.562    | 20.562          | 0.000         | 100 | 1277128  | 10.3            | 9.51              |       |
| 86 1,2,3-Trichloropropane      | 75  | 20.647    | 20.647          | 0.000         | 96  | 1130093  | 10.6            | 10.1              |       |
| 85 N-Propylbenzene             | 91  | 20.669    | 20.669          | 0.000         | 99  | 3432385  | 10.4            | 9.81              |       |
| 89 2-Chlorotoluene             | 91  | 20.861    | 20.861          | 0.000         | 97  | 2485929  | 10.4            | 9.84              |       |
| 88 4-Ethyltoluene              | 105 | 20.872    | 20.872          | 0.000         | 98  | 2976975  | 10.3            | 10.0              |       |
| 87 n-Decane                    | 57  | 20.930    | 20.930          | 0.000         | 93  | 1477726  | 10.4            | 9.70              |       |

| Compound                   | Sig | RT (min.) | Adj RT (min.) | Dlt RT (min.) | Q  | Response | Cal Amt ppb v/v | OnCol Amt ppb v/v | Flags |
|----------------------------|-----|-----------|---------------|---------------|----|----------|-----------------|-------------------|-------|
| 90 1,3,5-Trimethylbenzene  | 105 | 20.989    | 20.989        | 0.000         | 92 | 2539546  | 10.4            | 9.69              |       |
| 91 Alpha Methyl Styrene    | 118 | 21.379    | 21.379        | 0.000         | 89 | 1279895  | 10.2            | 10.2              |       |
| 92 tert-Butylbenzene       | 119 | 21.507    | 21.507        | 0.000         | 92 | 2505803  | 10.4            | 9.61              |       |
| 93 1,2,4-Trimethylbenzene  | 105 | 21.608    | 21.608        | 0.000         | 98 | 2593681  | 10.4            | 9.93              |       |
| 94 sec-Butylbenzene        | 105 | 21.854    | 21.854        | 0.000         | 99 | 3741705  | 10.5            | 10.0              |       |
| 95 4-Isopropyltoluene      | 119 | 22.072    | 22.072        | 0.000         | 97 | 3242488  | 10.3            | 9.82              |       |
| 96 1,3-Dichlorobenzene     | 146 | 22.078    | 22.078        | 0.000         | 96 | 1809413  | 10.6            | 10.0              |       |
| 97 1,4-Dichlorobenzene     | 146 | 22.222    | 22.222        | 0.000         | 97 | 1854119  | 10.5            | 10.1              |       |
| 98 Benzyl chloride         | 91  | 22.409    | 22.409        | 0.000         | 99 | 2047975  | 10.6            | 10.4              |       |
| 100 n-Butylbenzene         | 91  | 22.654    | 22.654        | 0.000         | 98 | 2970383  | 10.4            | 10.1              |       |
| 99 Undecane                | 57  | 22.729    | 22.729        | 0.000         | 93 | 1675155  | 10.5            | 10.2              |       |
| 101 1,2-Dichlorobenzene    | 146 | 22.745    | 22.745        | 0.000         | 96 | 1783243  | 10.4            | 10.0              |       |
| 102 Dodecane               | 57  | 24.229    | 24.229        | 0.000         | 97 | 1627875  | 9.36            | 8.66              |       |
| 103 1,2,4-Trichlorobenzene | 180 | 25.082    | 25.082        | 0.000         | 94 | 1711442  | 10.9            | 10.7              |       |
| 104 Hexachlorobutadiene    | 225 | 25.285    | 25.285        | 0.000         | 96 | 1988050  | 10.3            | 9.44              |       |
| 105 Naphthalene            | 128 | 25.493    | 25.493        | 0.000         | 99 | 3085363  | 9.72            | 9.99              |       |
| 106 1,2,3-Trichlorobenzene | 180 | 25.931    | 25.931        | 0.000         | 96 | 1490069  | 9.12            | 9.09              |       |

**QC Flag Legend**

Processing Flags

NC - Not Calibrated

**Reagents:**

ATTO15CAL4w\_00756

Amount Added: 200.00

Units: mL

ATTO15CISs\_00010

Amount Added: 40.00

Units: mL

Run Reagent

Report Date: 28-Dec-2020 11:07:35

Chrom Revision: 2.3 09-Dec-2020 16:22:14

Eurofins TestAmerica, Burlington

Data File: \\chromfs\Burlington\ChromData\CHC.i\20201217-44129.b\44129-14.D

Injection Date: 18-Dec-2020 04:03:30

Instrument ID: CHC.i

Operator ID: ggg

Lims ID: icis

Worklist Smp#: 14

Client ID:

Purge Vol: 200.000 mL

Dil. Factor: 1.0000

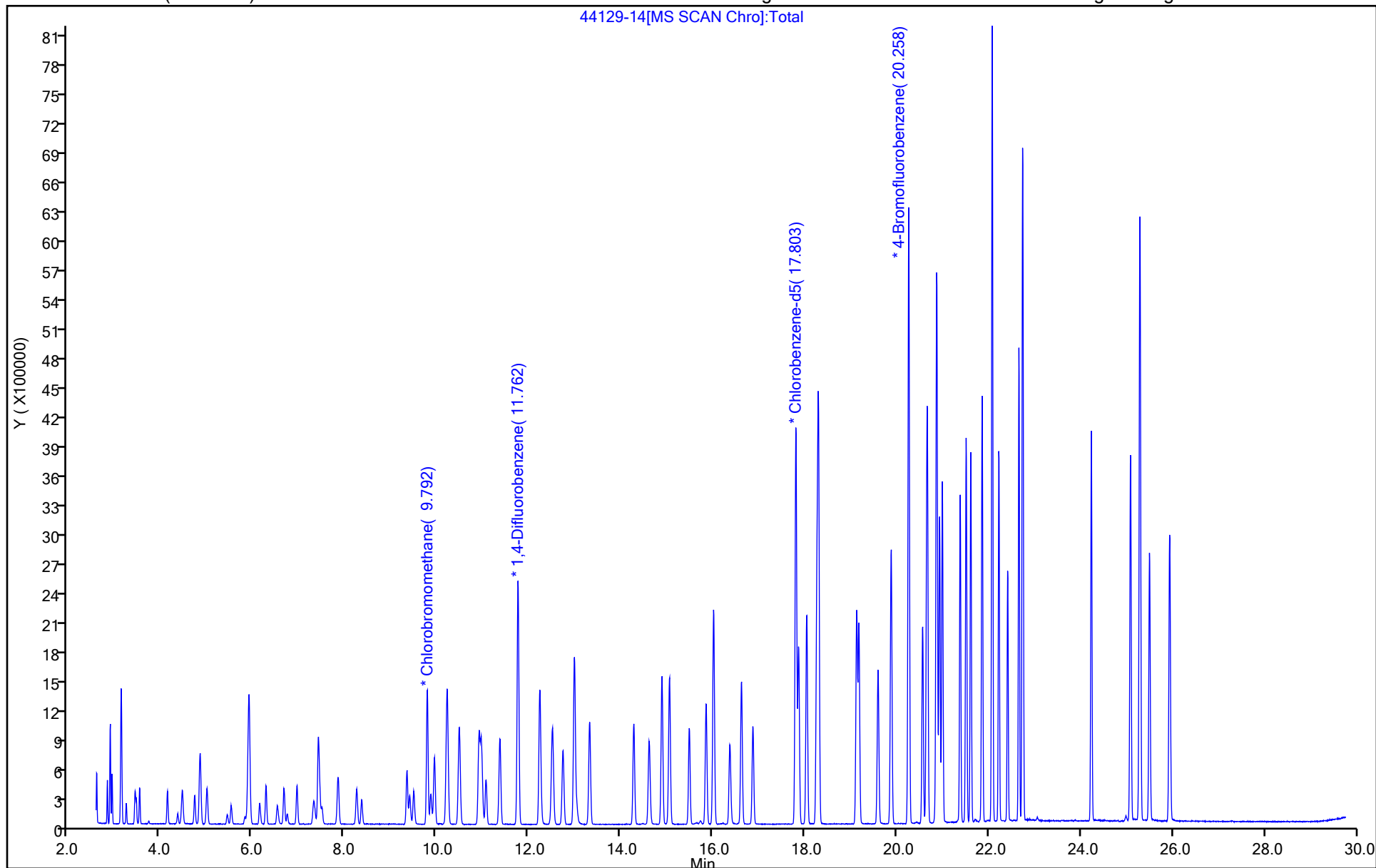
ALS Bottle#: 17

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

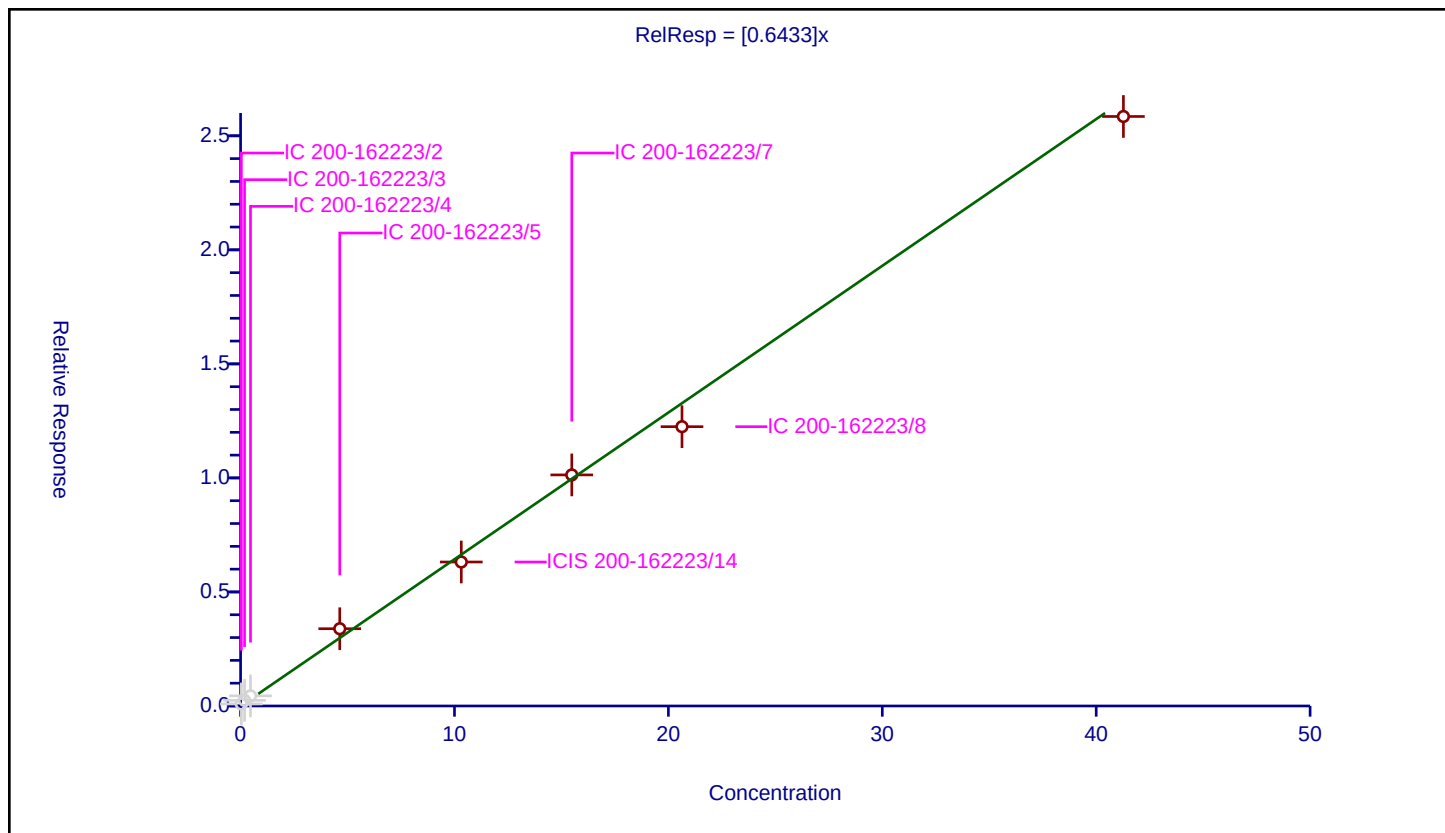
## Curve Coefficients

Intercept: 0  
 Slope: 0.6433

## Error Coefficients

Standard Error: 335000  
 Relative Standard Error: 8.3  
 Correlation Coefficient: 0.984  
 Coefficient of Determination (Adjusted): 0.982

| ID | Level              | Concentration | Rel. Resp. | IS Amount | IS Response | RRF      | Used |
|----|--------------------|---------------|------------|-----------|-------------|----------|------|
| 1  | IC 200-162223/2    | 0.036199      | 0.088227   | 20.0      | 303308.0    | 2.437254 | N    |
| 2  | IC 200-162223/3    | 0.186168      | 0.246189   | 20.0      | 321217.0    | 1.322398 | N    |
| 3  | IC 200-162223/4    | 0.46482       | 0.443569   | 20.0      | 321032.0    | 0.954282 | N    |
| 4  | IC 200-162223/5    | 4.637092      | 3.388288   | 20.0      | 337126.0    | 0.730692 | Y    |
| 5  | ICIS 200-162223/14 | 10.317998     | 6.313265   | 20.0      | 518806.0    | 0.611869 | Y    |
| 6  | IC 200-162223/7    | 15.483671     | 10.131649  | 20.0      | 356858.0    | 0.654344 | Y    |
| 7  | IC 200-162223/8    | 20.635996     | 12.246943  | 20.0      | 402409.0    | 0.593475 | Y    |
| 8  | IC 200-162223/9    | 41.271991     | 25.847435  | 20.0      | 441332.0    | 0.626271 | Y    |



## Calibration

/ Dichlorodifluoromethane

Curve Type: Average  
Weighting: Conc\_Sq  
Origin: Force  
Dependency: Response  
Calib Mode: ISTD  
Response Base: AREA  
RF Rounding: 0

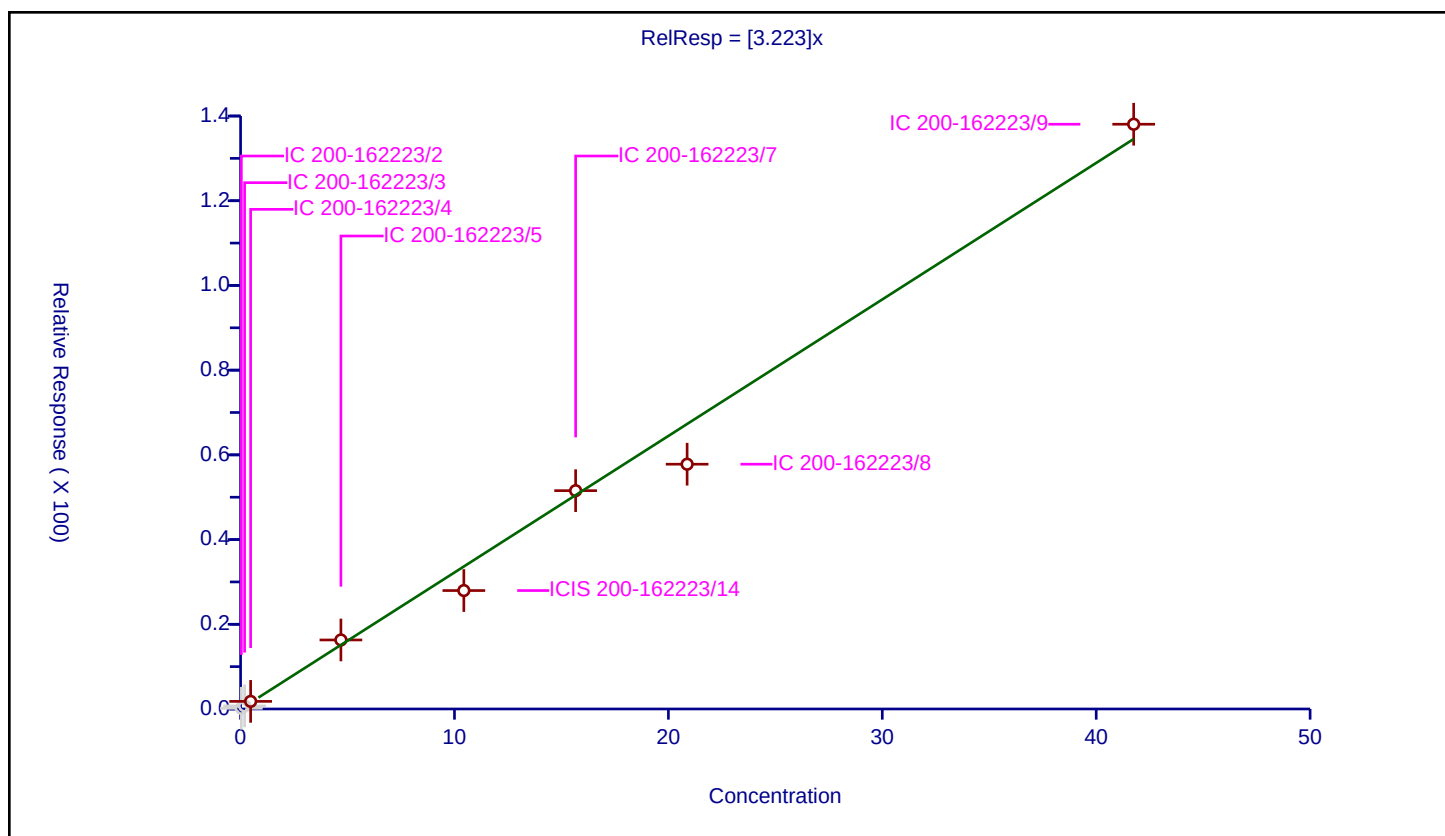
## Curve Coefficients

Intercept: 0  
Slope: 3.223

## Error Coefficients

Standard Error: 1550000  
Relative Standard Error: 13.4  
Correlation Coefficient: 0.982  
Coefficient of Determination (Adjusted): 0.979

| ID | Level              | Concentration | Rel. Resp. | IS Amount | IS Response | RRF      | Used |
|----|--------------------|---------------|------------|-----------|-------------|----------|------|
| 1  | IC 200-162223/2    | 0.03662       | 0.165179   | 20.0      | 303308.0    | 4.510572 | N    |
| 2  | IC 200-162223/3    | 0.188333      | 0.725802   | 20.0      | 321217.0    | 3.853821 | N    |
| 3  | IC 200-162223/4    | 0.470225      | 1.795896   | 20.0      | 321032.0    | 3.819224 | Y    |
| 4  | IC 200-162223/5    | 4.691012      | 16.29901   | 20.0      | 337126.0    | 3.474519 | Y    |
| 5  | ICIS 200-162223/14 | 10.437975     | 27.962784  | 20.0      | 518806.0    | 2.678947 | Y    |
| 6  | IC 200-162223/7    | 15.663713     | 51.544928  | 20.0      | 356858.0    | 3.290722 | Y    |
| 7  | IC 200-162223/8    | 20.875949     | 57.79324   | 20.0      | 402409.0    | 2.768413 | Y    |
| 8  | IC 200-162223/9    | 41.751898     | 138.059601 | 20.0      | 441332.0    | 3.306666 | Y    |



# Calibration

/ Chlorodifluoromethane

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

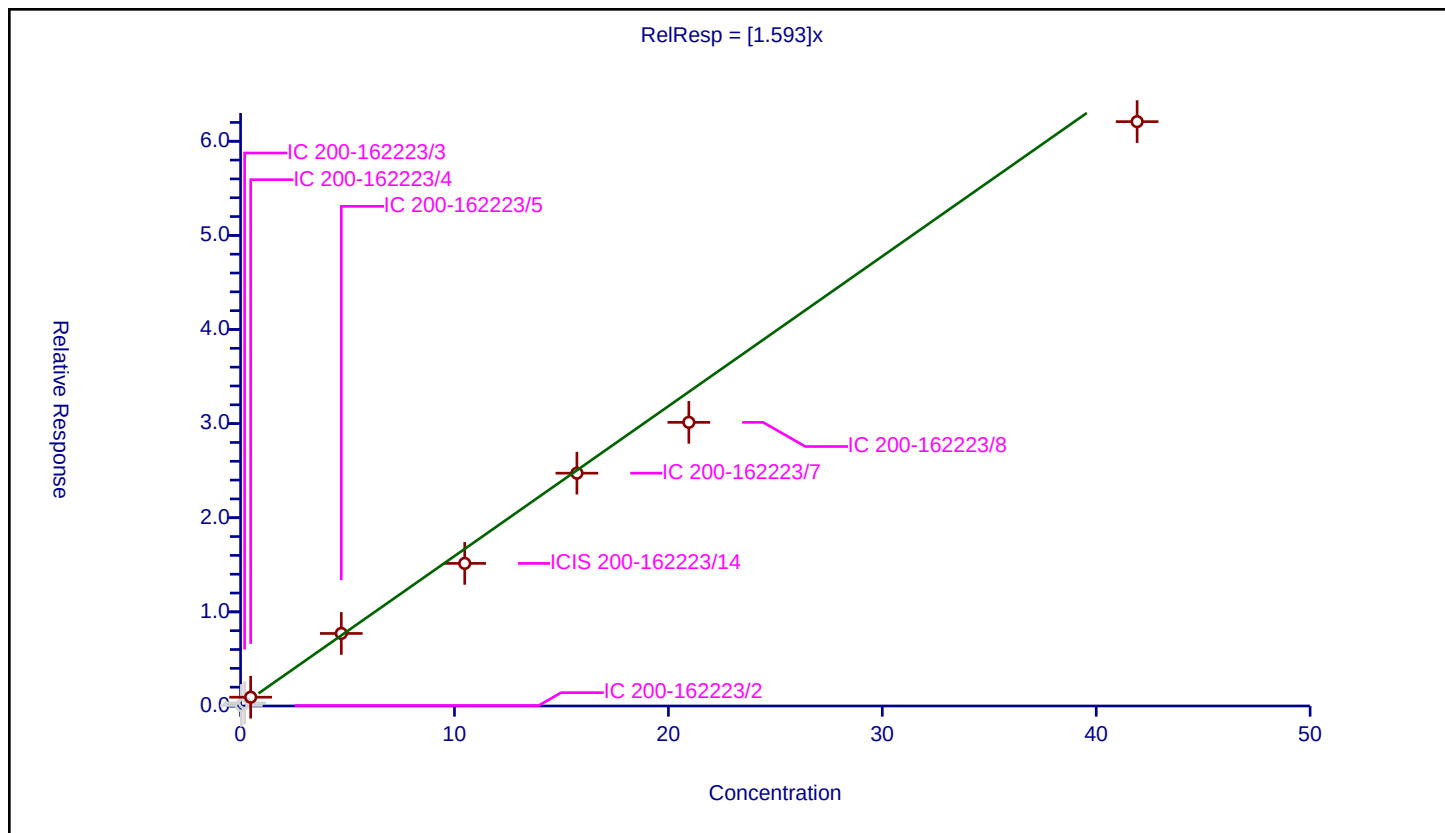
## Curve Coefficients

Intercept: 0  
 Slope: 1.593

## Error Coefficients

Standard Error: 723000  
 Relative Standard Error: 12.9  
 Correlation Coefficient: 0.990  
 Coefficient of Determination (Adjusted): 0.979

| ID | Level              | Concentration | Rel. Resp. | IS Amount | IS Response | RRF      | Used |
|----|--------------------|---------------|------------|-----------|-------------|----------|------|
| 1  | IC 200-162223/2    | 0.036761      | 0.054005   | 20.0      | 303308.0    | 1.469085 | N    |
| 2  | IC 200-162223/3    | 0.189055      | 0.338899   | 20.0      | 321217.0    | 1.792596 | N    |
| 3  | IC 200-162223/4    | 0.472027      | 0.934922   | 20.0      | 321032.0    | 1.980655 | Y    |
| 4  | IC 200-162223/5    | 4.708985      | 7.707089   | 20.0      | 337126.0    | 1.636677 | Y    |
| 5  | ICIS 200-162223/14 | 10.477967     | 15.151714  | 20.0      | 518806.0    | 1.446055 | Y    |
| 6  | IC 200-162223/7    | 15.723728     | 24.734937  | 20.0      | 356858.0    | 1.573096 | Y    |
| 7  | IC 200-162223/8    | 20.955934     | 30.135757  | 20.0      | 402409.0    | 1.438054 | Y    |
| 8  | IC 200-162223/9    | 41.911867     | 62.084281  | 20.0      | 441332.0    | 1.481306 | 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

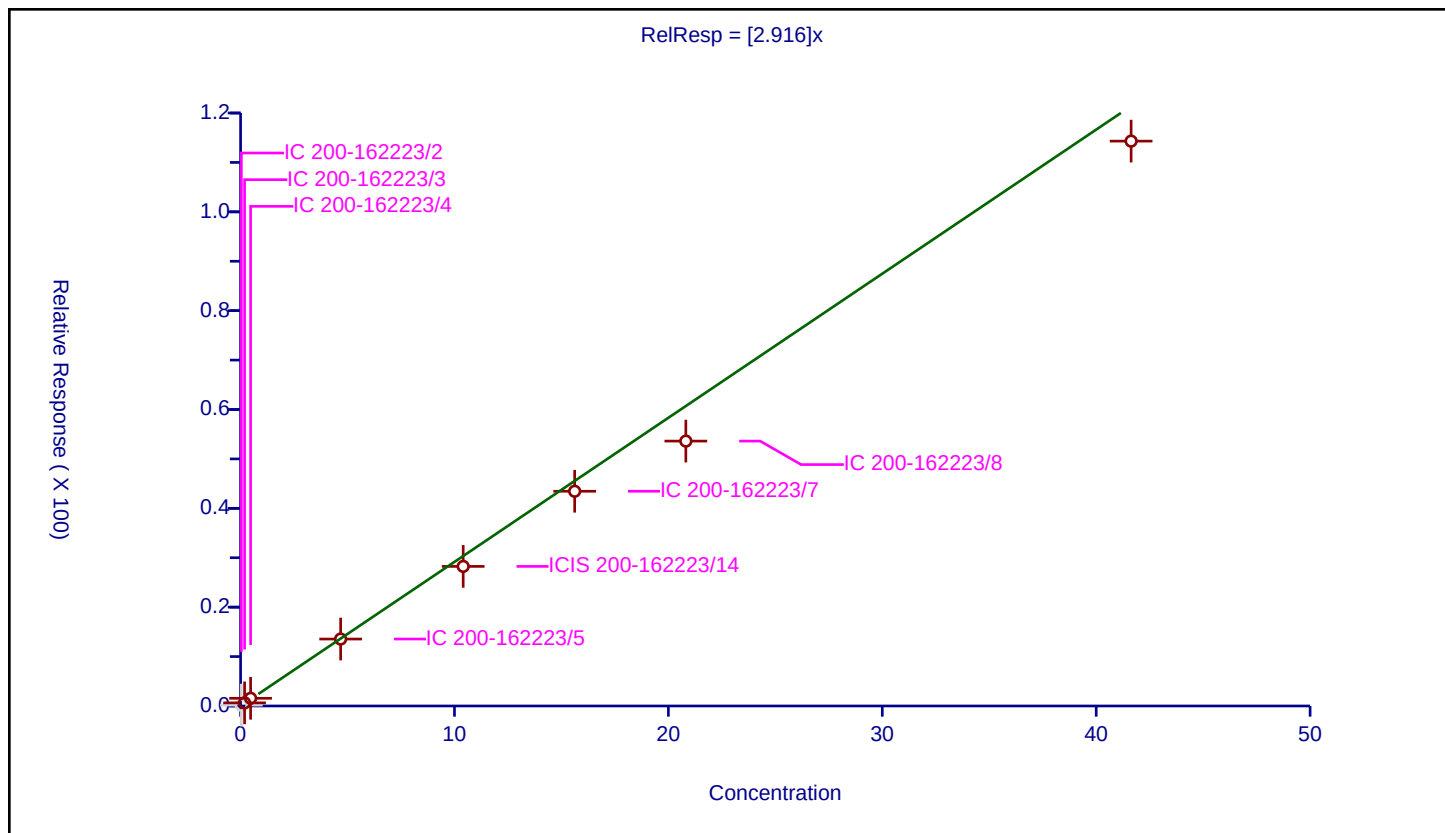
## Curve Coefficients

Intercept: 0  
 Slope: 2.916

## Error Coefficients

Standard Error: 1210000  
 Relative Standard Error: 10.7  
 Correlation Coefficient: 0.987  
 Coefficient of Determination (Adjusted): 0.985

| ID | Level              | Concentration | Rel. Resp. | IS Amount | IS Response | RRF      | Used |
|----|--------------------|---------------|------------|-----------|-------------|----------|------|
| 1  | IC 200-162223/2    | 0.036515      | 0.175663   | 20.0      | 303308.0    | 4.810696 | N    |
| 2  | IC 200-162223/3    | 0.187792      | 0.635271   | 20.0      | 321217.0    | 3.382848 | Y    |
| 3  | IC 200-162223/4    | 0.468874      | 1.554424   | 20.0      | 321032.0    | 3.315228 | Y    |
| 4  | IC 200-162223/5    | 4.677532      | 13.550364  | 20.0      | 337126.0    | 2.896904 | Y    |
| 5  | ICIS 200-162223/14 | 10.40798      | 28.247784  | 20.0      | 518806.0    | 2.714051 | Y    |
| 6  | IC 200-162223/7    | 15.618703     | 43.454035  | 20.0      | 356858.0    | 2.78218  | Y    |
| 7  | IC 200-162223/8    | 20.815961     | 53.605362  | 20.0      | 402409.0    | 2.575205 | Y    |
| 8  | IC 200-162223/9    | 41.631921     | 114.313397 | 20.0      | 441332.0    | 2.745811 | Y    |





# Calibration

/ Chloromethane

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

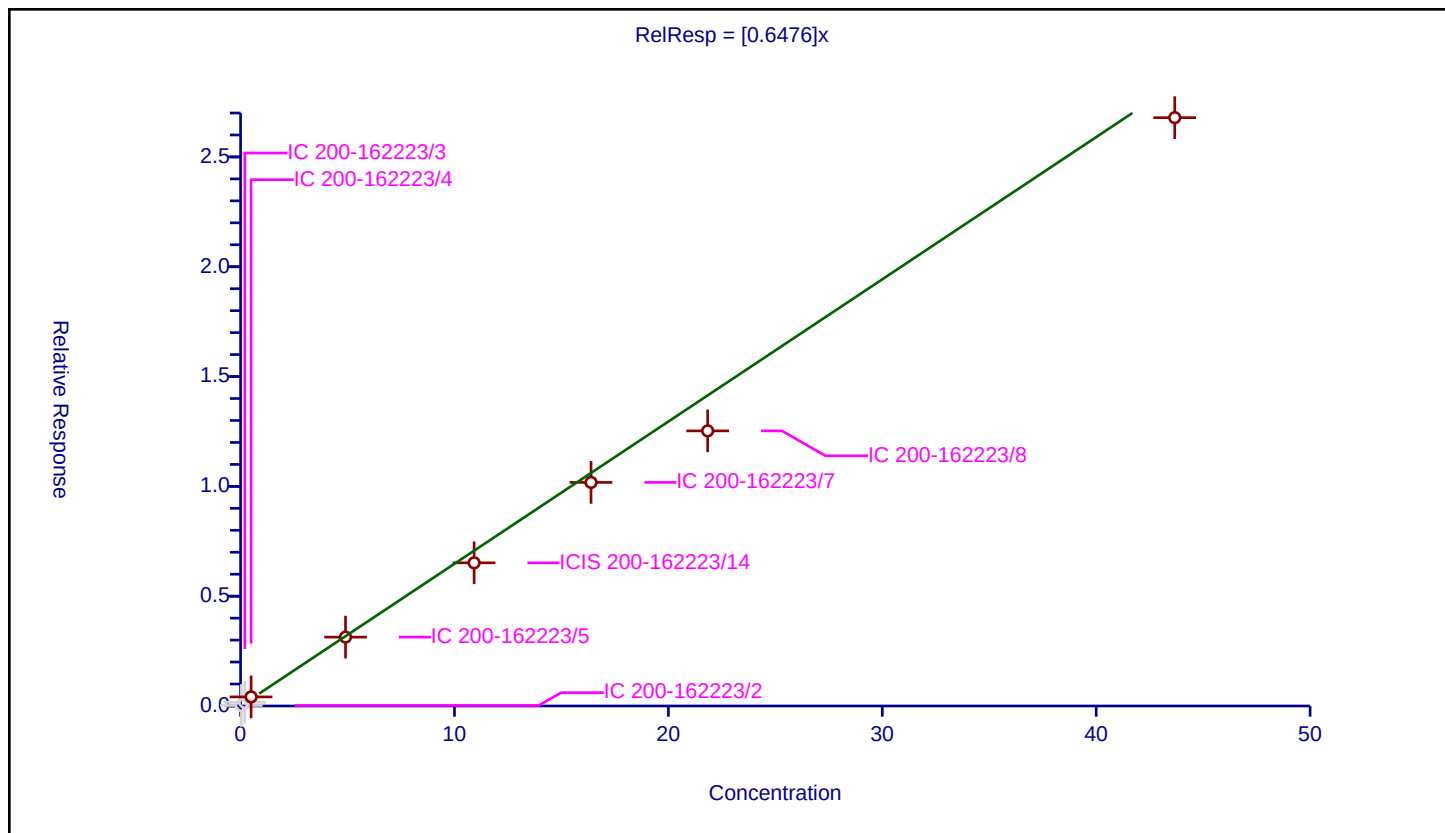
## Curve Coefficients

Intercept: 0  
 Slope: 0.6476

## Error Coefficients

Standard Error: 309000  
 Relative Standard Error: 15.0  
 Correlation Coefficient: 0.985  
 Coefficient of Determination (Adjusted): 0.971

| ID | Level              | Concentration | Rel. Resp. | IS Amount | IS Response | RRF      | Used |
|----|--------------------|---------------|------------|-----------|-------------|----------|------|
| 1  | IC 200-162223/2    | 0.038304      | 0.023606   | 20.0      | 303308.0    | 0.61629  | N    |
| 2  | IC 200-162223/3    | 0.196992      | 0.166554   | 20.0      | 321217.0    | 0.845486 | N    |
| 3  | IC 200-162223/4    | 0.491845      | 0.413666   | 20.0      | 321032.0    | 0.84105  | Y    |
| 4  | IC 200-162223/5    | 4.906691      | 3.135742   | 20.0      | 337126.0    | 0.639075 | Y    |
| 5  | ICIS 200-162223/14 | 10.917881     | 6.518814   | 20.0      | 518806.0    | 0.597077 | Y    |
| 6  | IC 200-162223/7    | 16.383884     | 10.180408  | 20.0      | 356858.0    | 0.621367 | Y    |
| 7  | IC 200-162223/8    | 21.835763     | 12.526161  | 20.0      | 402409.0    | 0.573653 | Y    |
| 8  | IC 200-162223/9    | 43.671526     | 26.788948  | 20.0      | 441332.0    | 0.613419 | Y    |



# Calibration

/ Butane

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

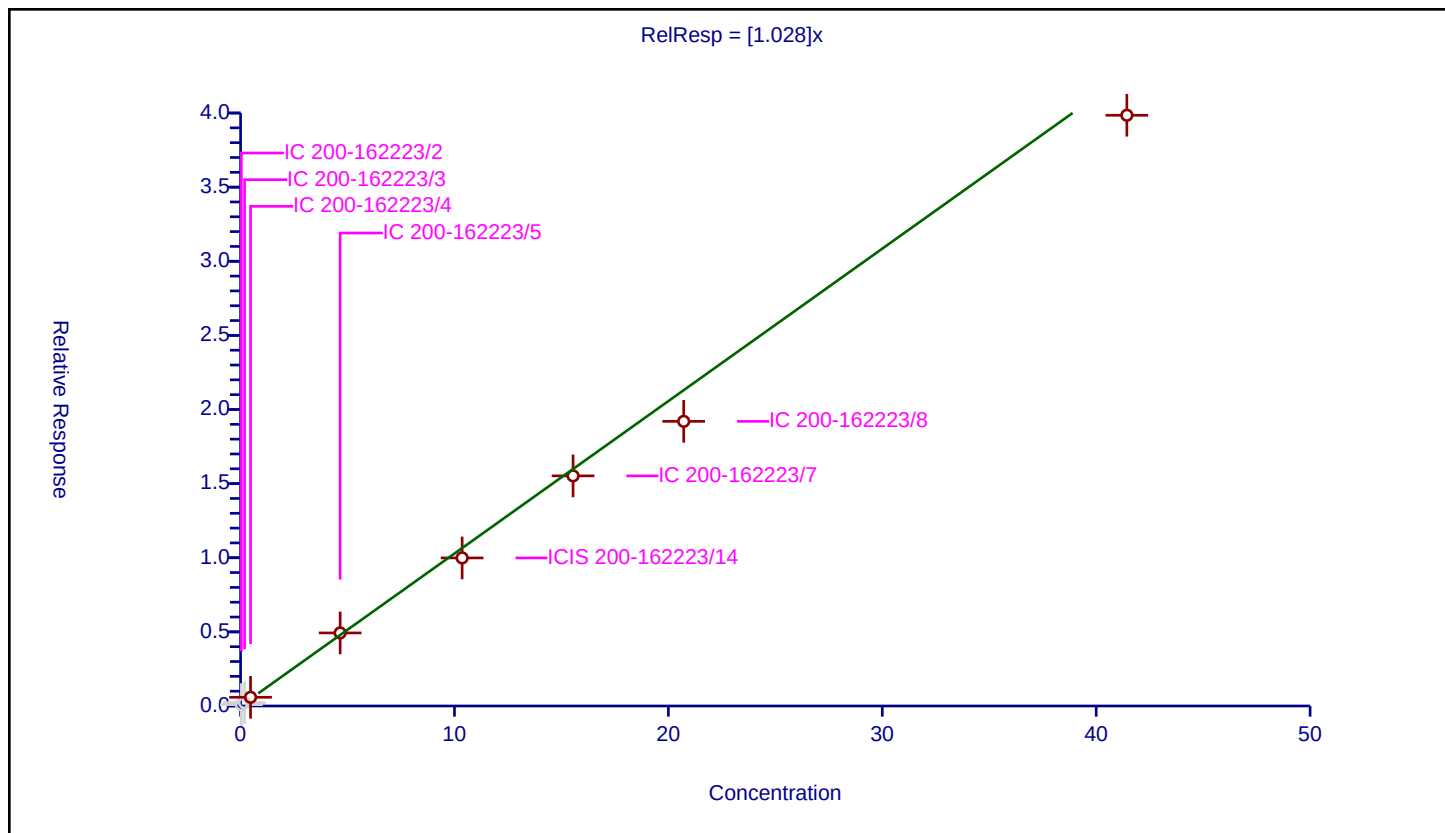
## Curve Coefficients

Intercept: 0  
 Slope: 1.028

## Error Coefficients

Standard Error: 463000  
 Relative Standard Error: 11.9  
 Correlation Coefficient: 0.987  
 Coefficient of Determination (Adjusted): 0.983

| ID | Level              | Concentration | Rel. Resp. | IS Amount | IS Response | RRF      | Used |
|----|--------------------|---------------|------------|-----------|-------------|----------|------|
| 1  | IC 200-162223/2    | 0.03634       | 0.091524   | 20.0      | 303308.0    | 2.518571 | N    |
| 2  | IC 200-162223/3    | 0.18689       | 0.22807    | 20.0      | 321217.0    | 1.220345 | N    |
| 3  | IC 200-162223/4    | 0.466622      | 0.587916   | 20.0      | 321032.0    | 1.259942 | Y    |
| 4  | IC 200-162223/5    | 4.655066      | 4.92795    | 20.0      | 337126.0    | 1.058621 | Y    |
| 5  | ICIS 200-162223/14 | 10.35799      | 9.987548   | 20.0      | 518806.0    | 0.964236 | Y    |
| 6  | IC 200-162223/7    | 15.543685     | 15.523598  | 20.0      | 356858.0    | 0.998708 | Y    |
| 7  | IC 200-162223/8    | 20.71598      | 19.19967   | 20.0      | 402409.0    | 0.926805 | Y    |
| 8  | IC 200-162223/9    | 41.43196      | 39.848051  | 20.0      | 441332.0    | 0.961771 | Y    |



# Calibration

/ Vinyl chloride

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

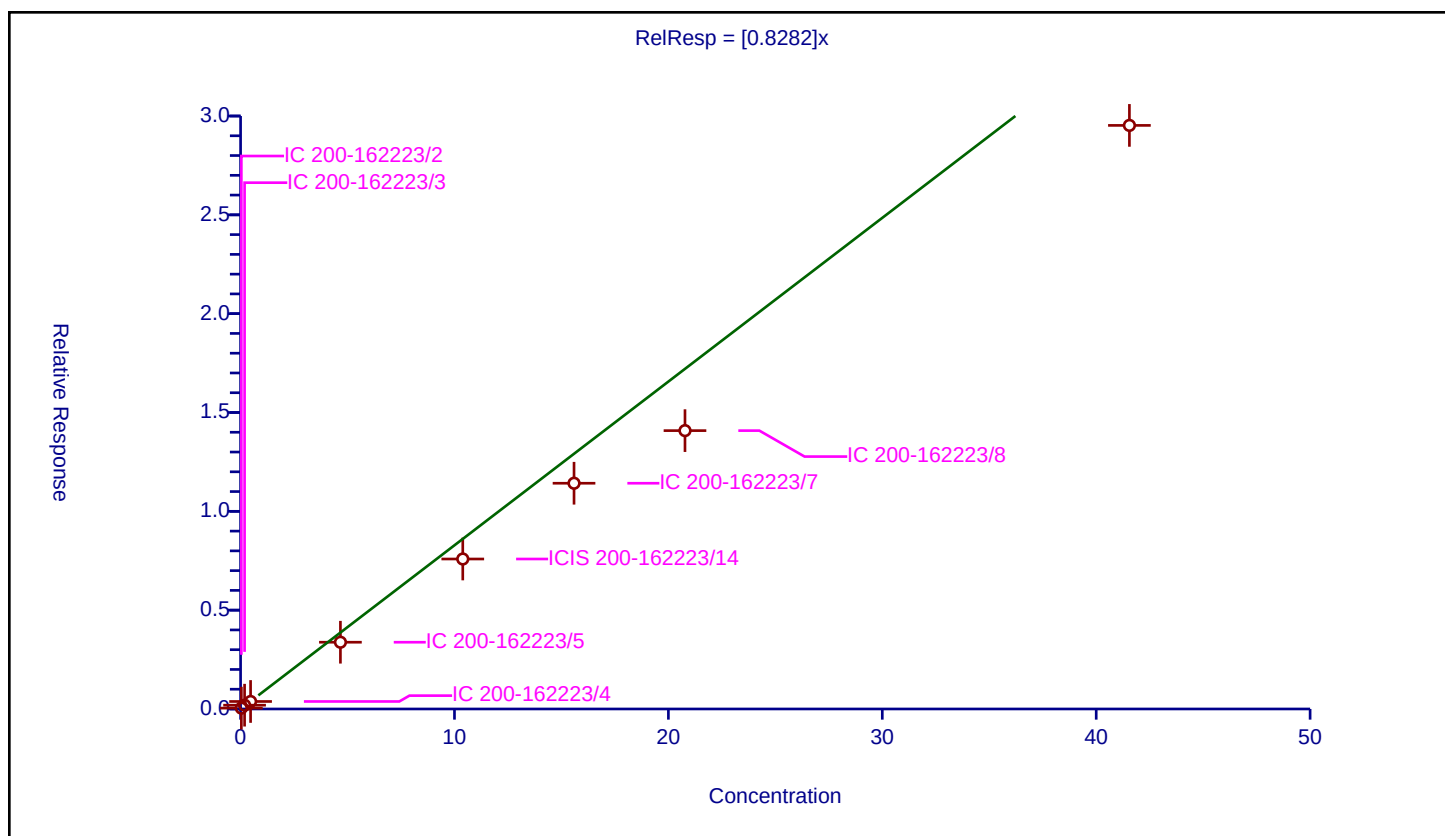
## Curve Coefficients

Intercept: 0  
 Slope: 0.8282

## Error Coefficients

Standard Error: 290000  
 Relative Standard Error: 23.0  
 Correlation Coefficient: 0.988  
 Coefficient of Determination (Adjusted): 0.930

| ID | Level              | Concentration | Rel. Resp. | IS Amount | IS Response | RRF      | Used |
|----|--------------------|---------------|------------|-----------|-------------|----------|------|
| 1  | IC 200-162223/2    | 0.036445      | 0.044245   | 20.0      | 303308.0    | 1.214035 | Y    |
| 2  | IC 200-162223/3    | 0.187431      | 0.191895   | 20.0      | 321217.0    | 1.023817 | Y    |
| 3  | IC 200-162223/4    | 0.467973      | 0.380398   | 20.0      | 321032.0    | 0.812863 | Y    |
| 4  | IC 200-162223/5    | 4.668546      | 3.377906   | 20.0      | 337126.0    | 0.723546 | Y    |
| 5  | ICIS 200-162223/14 | 10.387984     | 7.588848   | 20.0      | 518806.0    | 0.730541 | Y    |
| 6  | IC 200-162223/7    | 15.588696     | 11.421069  | 20.0      | 356858.0    | 0.732651 | Y    |
| 7  | IC 200-162223/8    | 20.775968     | 14.082389  | 20.0      | 402409.0    | 0.677821 | Y    |
| 8  | IC 200-162223/9    | 41.551937     | 29.525482  | 20.0      | 441332.0    | 0.710568 | Y    |



## Calibration

/ Butadiene

Curve Type: Average  
Weighting: Conc\_Sq  
Origin: Force  
Dependency: Response  
Calib Mode: ISTD  
Response Base: AREA  
RF Rounding: 0

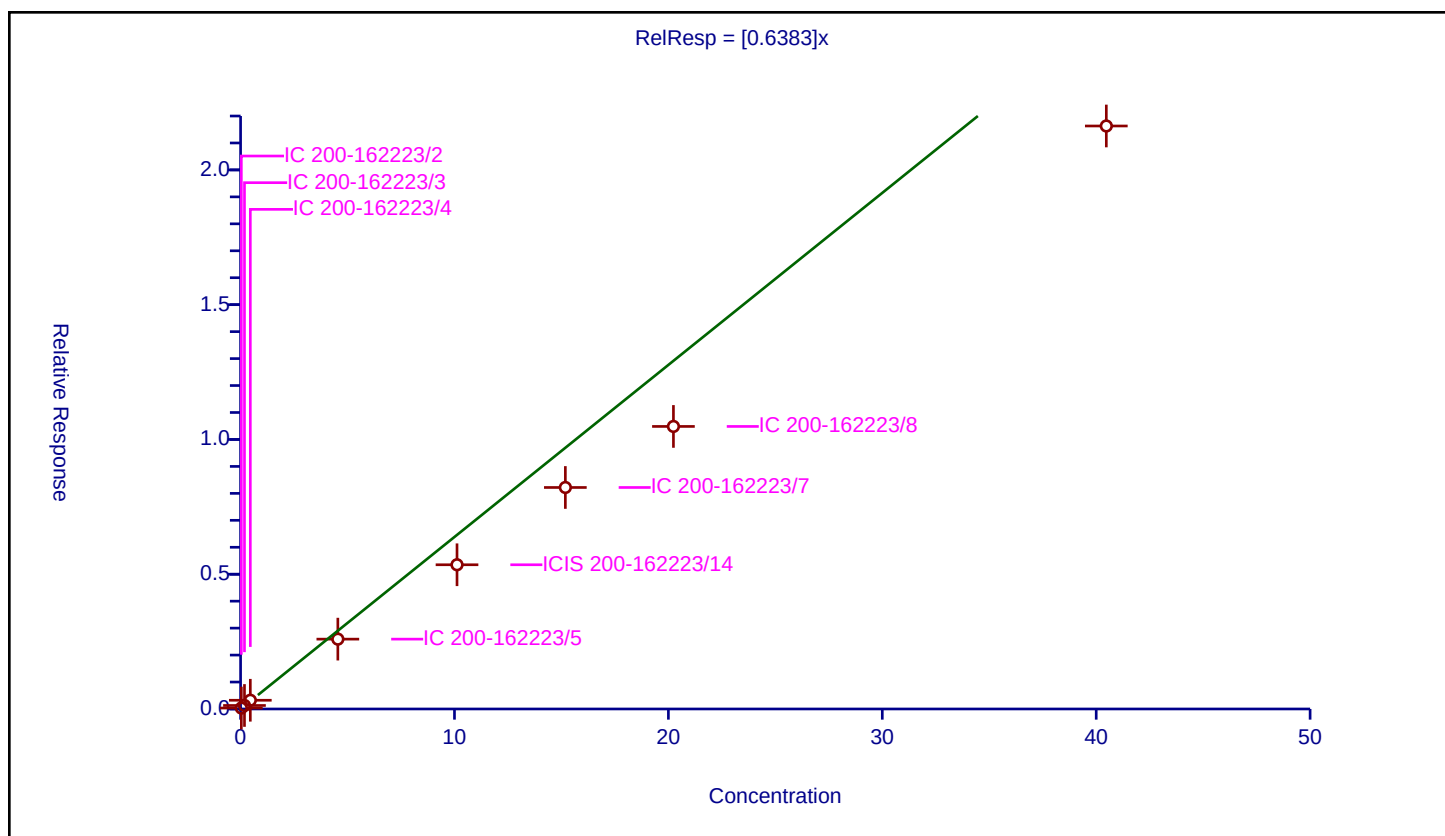
## Curve Coefficients

Intercept: 0  
Slope: 0.6383

## Error Coefficients

Standard Error: 212000  
Relative Standard Error: 25.5  
Correlation Coefficient: 0.990  
Coefficient of Determination (Adjusted): 0.911

| ID | Level              | Concentration | Rel. Resp. | IS Amount | IS Response | RRF      | Used |
|----|--------------------|---------------|------------|-----------|-------------|----------|------|
| 1  | IC 200-162223/2    | 0.035498      | 0.03508    | 20.0      | 303308.0    | 0.988224 | Y    |
| 2  | IC 200-162223/3    | 0.18256       | 0.130379   | 20.0      | 321217.0    | 0.71417  | Y    |
| 3  | IC 200-162223/4    | 0.455812      | 0.324267   | 20.0      | 321032.0    | 0.711404 | Y    |
| 4  | IC 200-162223/5    | 4.547226      | 2.591316   | 20.0      | 337126.0    | 0.569867 | Y    |
| 5  | ICIS 200-162223/14 | 10.118037     | 5.35121    | 20.0      | 518806.0    | 0.528878 | Y    |
| 6  | IC 200-162223/7    | 15.1836       | 8.217891   | 20.0      | 356858.0    | 0.541235 | Y    |
| 7  | IC 200-162223/8    | 20.236073     | 10.483066  | 20.0      | 402409.0    | 0.518039 | Y    |
| 8  | IC 200-162223/9    | 40.472146     | 21.629793  | 20.0      | 441332.0    | 0.534437 | Y    |



## Calibration

/ Bromomethane

Curve Type: Average  
Weighting: Conc\_Sq  
Origin: Force  
Dependency: Response  
Calib Mode: ISTD  
Response Base: AREA  
RF Rounding: 0

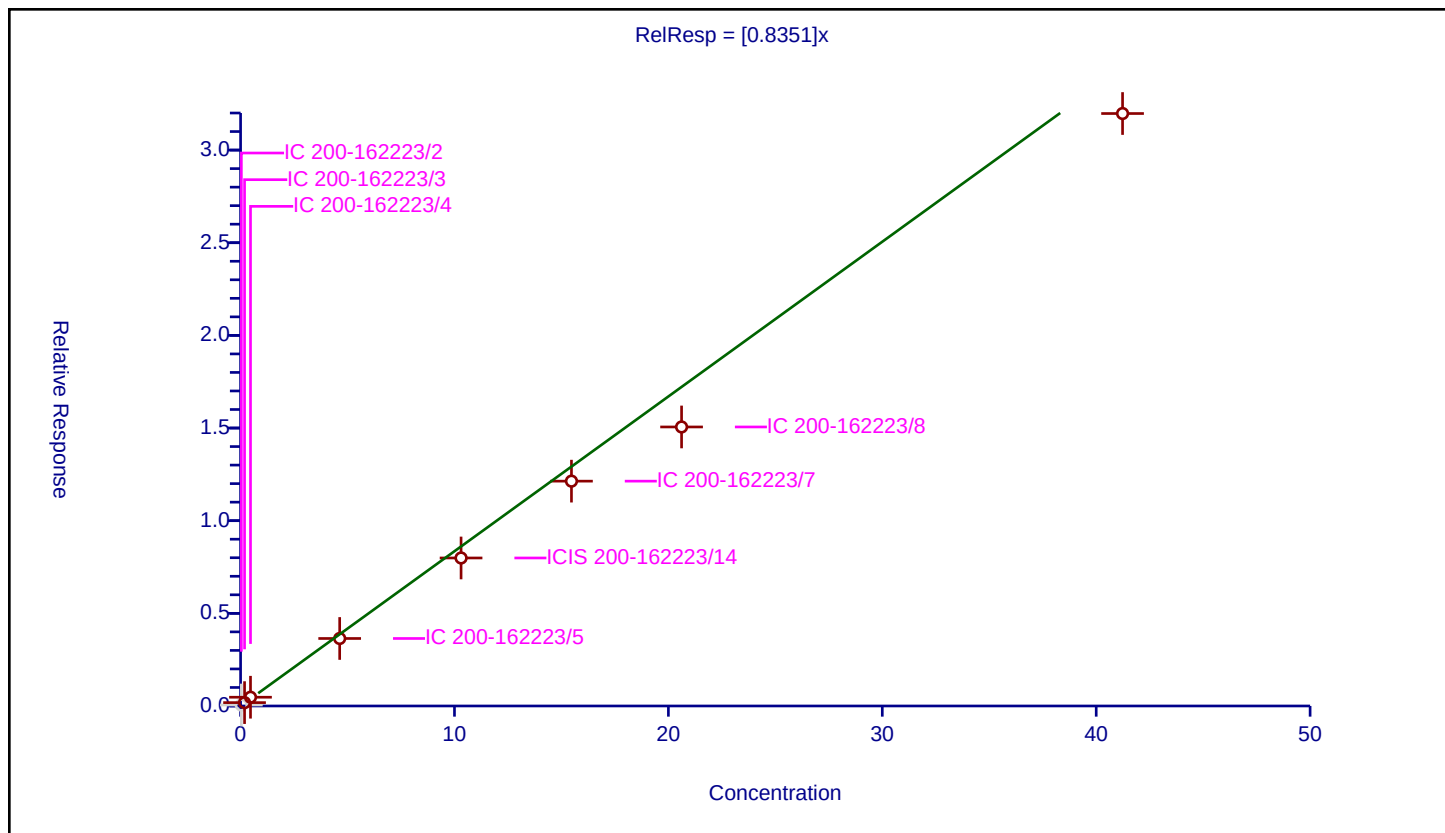
## Curve Coefficients

Intercept: 0  
Slope: 0.8351

## Error Coefficients

Standard Error: 337000  
Relative Standard Error: 13.5  
Correlation Coefficient: 0.986  
Coefficient of Determination (Adjusted): 0.976

| ID | Level              | Concentration | Rel. Resp. | IS Amount | IS Response | RRF      | Used |
|----|--------------------|---------------|------------|-----------|-------------|----------|------|
| 1  | IC 200-162223/2    | 0.036164      | 0.052026   | 20.0      | 303308.0    | 1.438609 | N    |
| 2  | IC 200-162223/3    | 0.185988      | 0.181809   | 20.0      | 321217.0    | 0.977529 | Y    |
| 3  | IC 200-162223/4    | 0.46437       | 0.472289   | 20.0      | 321032.0    | 1.017054 | Y    |
| 4  | IC 200-162223/5    | 4.632599      | 3.642555   | 20.0      | 337126.0    | 0.786288 | Y    |
| 5  | ICIS 200-162223/14 | 10.308        | 7.987417   | 20.0      | 518806.0    | 0.774876 | Y    |
| 6  | IC 200-162223/7    | 15.468667     | 12.133902  | 20.0      | 356858.0    | 0.784418 | Y    |
| 7  | IC 200-162223/8    | 20.615999     | 15.057119  | 20.0      | 402409.0    | 0.730361 | Y    |
| 8  | IC 200-162223/9    | 41.231999     | 31.972483  | 20.0      | 441332.0    | 0.775429 | Y    |



## Calibration

/ Chloroethane

Curve Type: Average  
Weighting: Conc\_Sq  
Origin: Force  
Dependency: Response  
Calib Mode: ISTD  
Response Base: AREA  
RF Rounding: 0

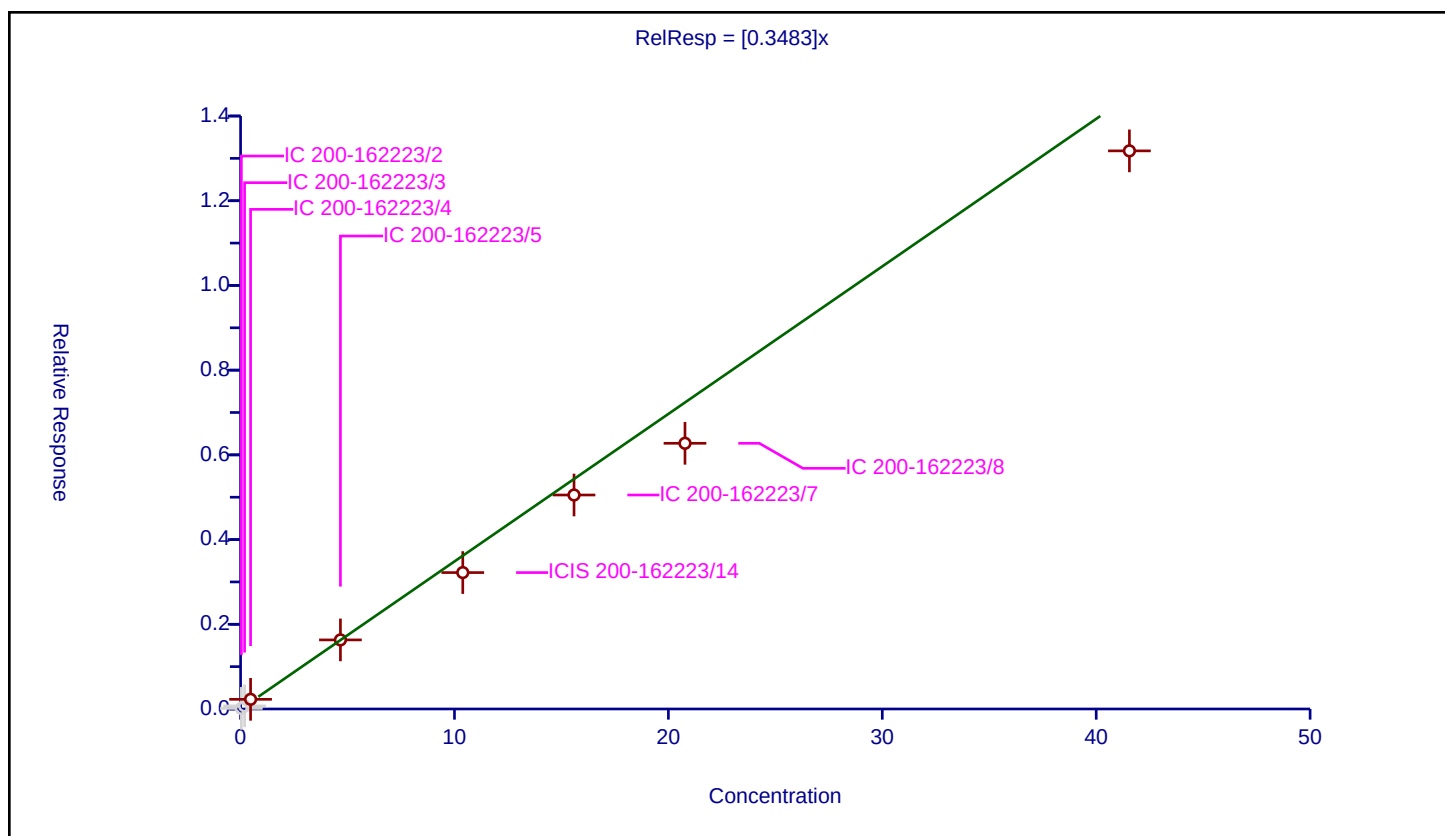
## Curve Coefficients

Intercept: 0  
Slope: 0.3483

## Error Coefficients

Standard Error: 153000  
Relative Standard Error: 20.1  
Correlation Coefficient: 0.987  
Coefficient of Determination (Adjusted): 0.945

| ID | Level              | Concentration | Rel. Resp. | IS Amount | IS Response | RRF      | Used |
|----|--------------------|---------------|------------|-----------|-------------|----------|------|
| 1  | IC 200-162223/2    | 0.036445      | 0.014375   | 20.0      | 303308.0    | 0.394426 | N    |
| 2  | IC 200-162223/3    | 0.187431      | 0.073471   | 20.0      | 321217.0    | 0.391987 | N    |
| 3  | IC 200-162223/4    | 0.467973      | 0.228077   | 20.0      | 321032.0    | 0.487372 | Y    |
| 4  | IC 200-162223/5    | 4.668546      | 1.631082   | 20.0      | 337126.0    | 0.349377 | Y    |
| 5  | ICIS 200-162223/14 | 10.387984     | 3.22051    | 20.0      | 518806.0    | 0.310023 | Y    |
| 6  | IC 200-162223/7    | 15.588696     | 5.052318   | 20.0      | 356858.0    | 0.324101 | Y    |
| 7  | IC 200-162223/8    | 20.775968     | 6.272872   | 20.0      | 402409.0    | 0.301929 | Y    |
| 8  | IC 200-162223/9    | 41.551937     | 13.176928  | 20.0      | 441332.0    | 0.317119 | Y    |



## Calibration

/ 2-Methylbutane

Curve Type: Average  
Weighting: Conc\_Sq  
Origin: Force  
Dependency: Response  
Calib Mode: ISTD  
Response Base: AREA  
RF Rounding: 0

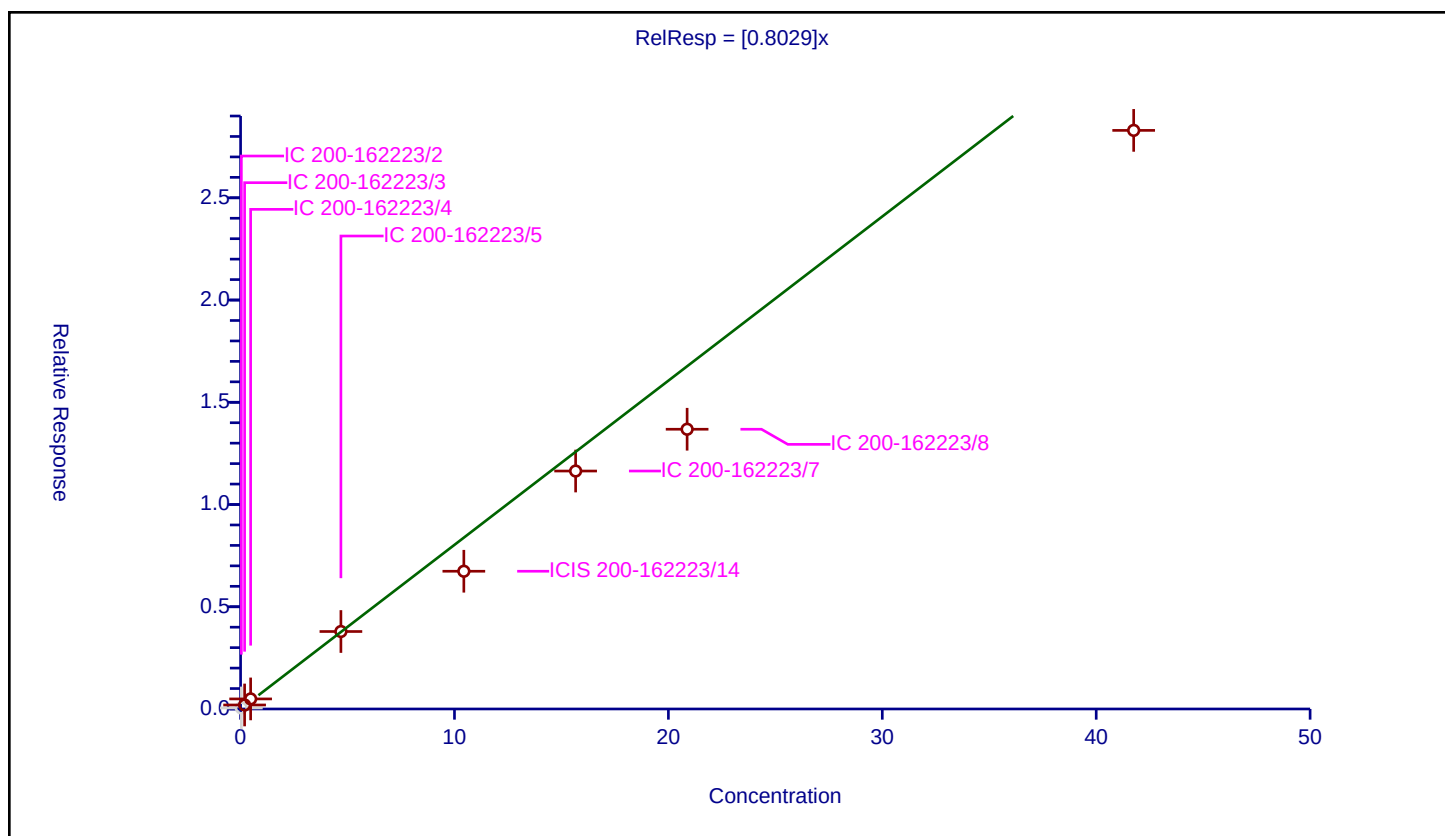
## Curve Coefficients

Intercept: 0  
Slope: 0.8029

## Error Coefficients

Standard Error: 301000  
Relative Standard Error: 21.8  
Correlation Coefficient: 0.993  
Coefficient of Determination (Adjusted): 0.932

| ID | Level              | Concentration | Rel. Resp. | IS Amount | IS Response | RRF      | Used |
|----|--------------------|---------------|------------|-----------|-------------|----------|------|
| 1  | IC 200-162223/2    | 0.03662       | 0.050312   | 20.0      | 303308.0    | 1.373879 | N    |
| 2  | IC 200-162223/3    | 0.188333      | 0.196689   | 20.0      | 321217.0    | 1.04437  | Y    |
| 3  | IC 200-162223/4    | 0.470225      | 0.4921     | 20.0      | 321032.0    | 1.046521 | Y    |
| 4  | IC 200-162223/5    | 4.691012      | 3.789028   | 20.0      | 337126.0    | 0.807721 | Y    |
| 5  | ICIS 200-162223/14 | 10.437975     | 6.737046   | 20.0      | 518806.0    | 0.645436 | Y    |
| 6  | IC 200-162223/7    | 15.663713     | 11.638075  | 20.0      | 356858.0    | 0.742996 | Y    |
| 7  | IC 200-162223/8    | 20.875949     | 13.681255  | 20.0      | 402409.0    | 0.65536  | Y    |
| 8  | IC 200-162223/9    | 41.751898     | 28.2972    | 20.0      | 441332.0    | 0.677746 | Y    |



# Calibration

/ Vinyl bromide

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

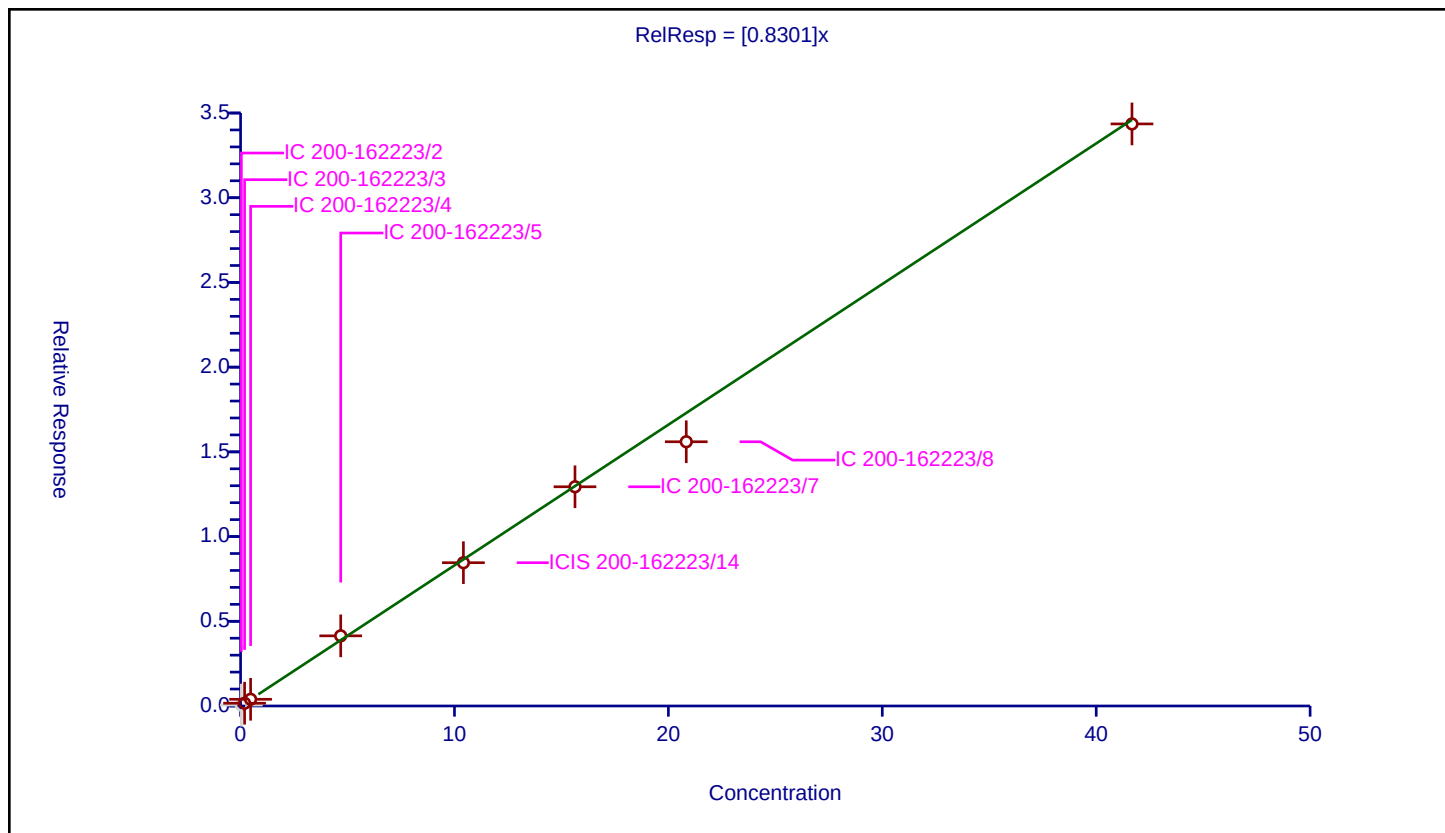
## Curve Coefficients

Intercept: 0  
 Slope: 0.8301

## Error Coefficients

Standard Error: 360000  
 Relative Standard Error: 5.3  
 Correlation Coefficient: 0.985  
 Coefficient of Determination (Adjusted): 0.997

| ID | Level              | Concentration | Rel. Resp. | IS Amount | IS Response | RRF      | Used |
|----|--------------------|---------------|------------|-----------|-------------|----------|------|
| 1  | IC 200-162223/2    | 0.03655       | 0.053873   | 20.0      | 303308.0    | 1.473936 | N    |
| 2  | IC 200-162223/3    | 0.187972      | 0.16369    | 20.0      | 321217.0    | 0.87082  | Y    |
| 3  | IC 200-162223/4    | 0.469324      | 0.395724   | 20.0      | 321032.0    | 0.843177 | Y    |
| 4  | IC 200-162223/5    | 4.682025      | 4.141004   | 20.0      | 337126.0    | 0.884447 | Y    |
| 5  | ICIS 200-162223/14 | 10.417978     | 8.457034   | 20.0      | 518806.0    | 0.811773 | Y    |
| 6  | IC 200-162223/7    | 15.633706     | 12.939208  | 20.0      | 356858.0    | 0.827648 | Y    |
| 7  | IC 200-162223/8    | 20.835957     | 15.596122  | 20.0      | 402409.0    | 0.74852  | Y    |
| 8  | IC 200-162223/9    | 41.671914     | 34.356312  | 20.0      | 441332.0    | 0.824448 | Y    |





# Calibration

/ Pentane

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

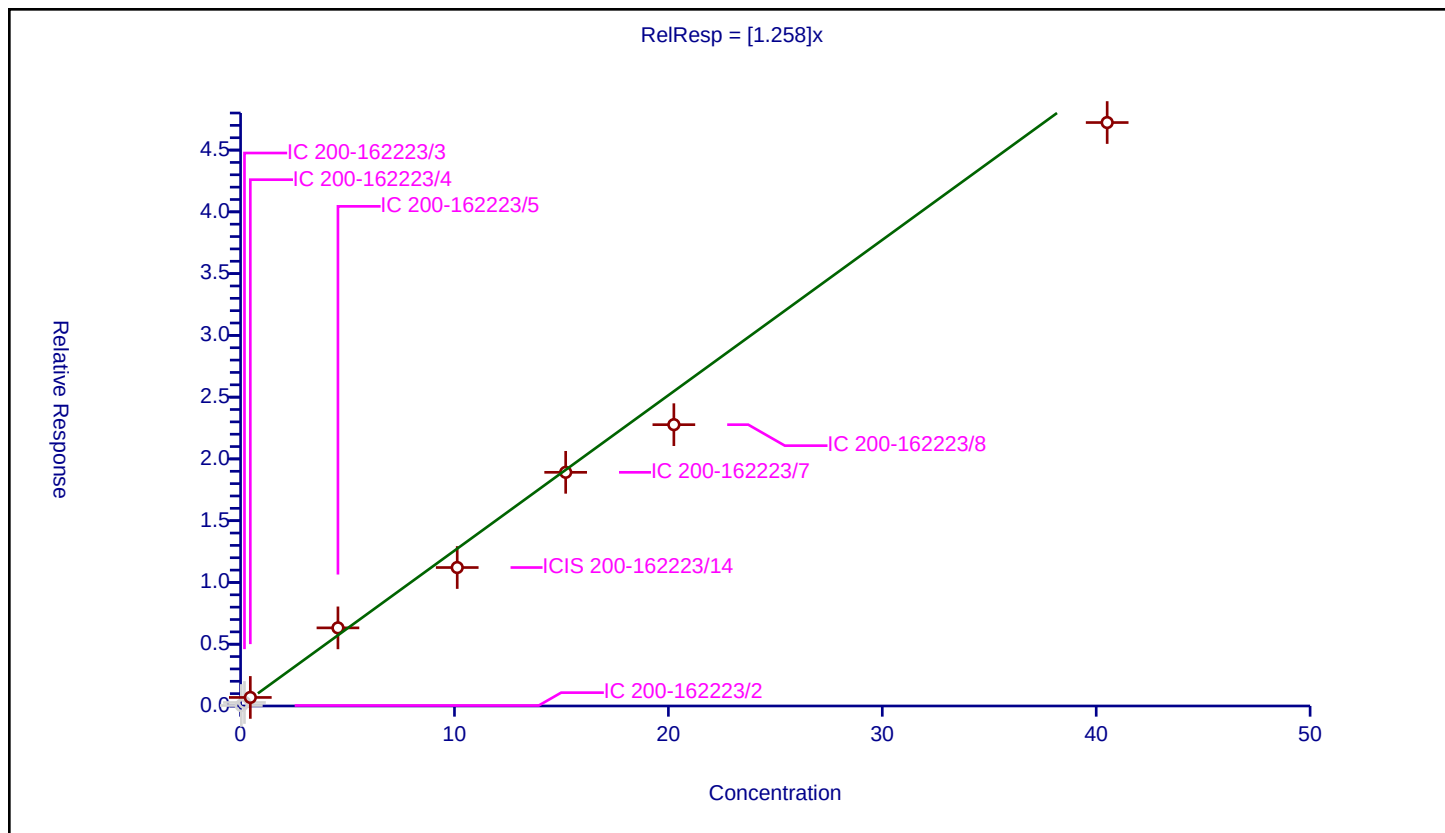
## Curve Coefficients

Intercept: 0  
 Slope: 1.258

## Error Coefficients

Standard Error: 549000  
 Relative Standard Error: 13.0  
 Correlation Coefficient: 0.991  
 Coefficient of Determination (Adjusted): 0.980

| ID | Level              | Concentration | Rel. Resp. | IS Amount | IS Response | RRF      | Used |
|----|--------------------|---------------|------------|-----------|-------------|----------|------|
| 1  | IC 200-162223/2    | 0.035533      | 0.038838   | 20.0      | 303308.0    | 1.093025 | N    |
| 2  | IC 200-162223/3    | 0.182741      | 0.282986   | 20.0      | 321217.0    | 1.548566 | N    |
| 3  | IC 200-162223/4    | 0.456263      | 0.691458   | 20.0      | 321032.0    | 1.515481 | Y    |
| 4  | IC 200-162223/5    | 4.55172       | 6.322918   | 20.0      | 337126.0    | 1.389127 | Y    |
| 5  | ICIS 200-162223/14 | 10.128035     | 11.208043  | 20.0      | 518806.0    | 1.106636 | Y    |
| 6  | IC 200-162223/7    | 15.198603     | 18.914134  | 20.0      | 356858.0    | 1.244465 | Y    |
| 7  | IC 200-162223/8    | 20.256069     | 22.772254  | 20.0      | 402409.0    | 1.124219 | Y    |
| 8  | IC 200-162223/9    | 40.512139     | 47.228662  | 20.0      | 441332.0    | 1.16579  | Y    |



# Calibration

/ Trichlorofluoromethane

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

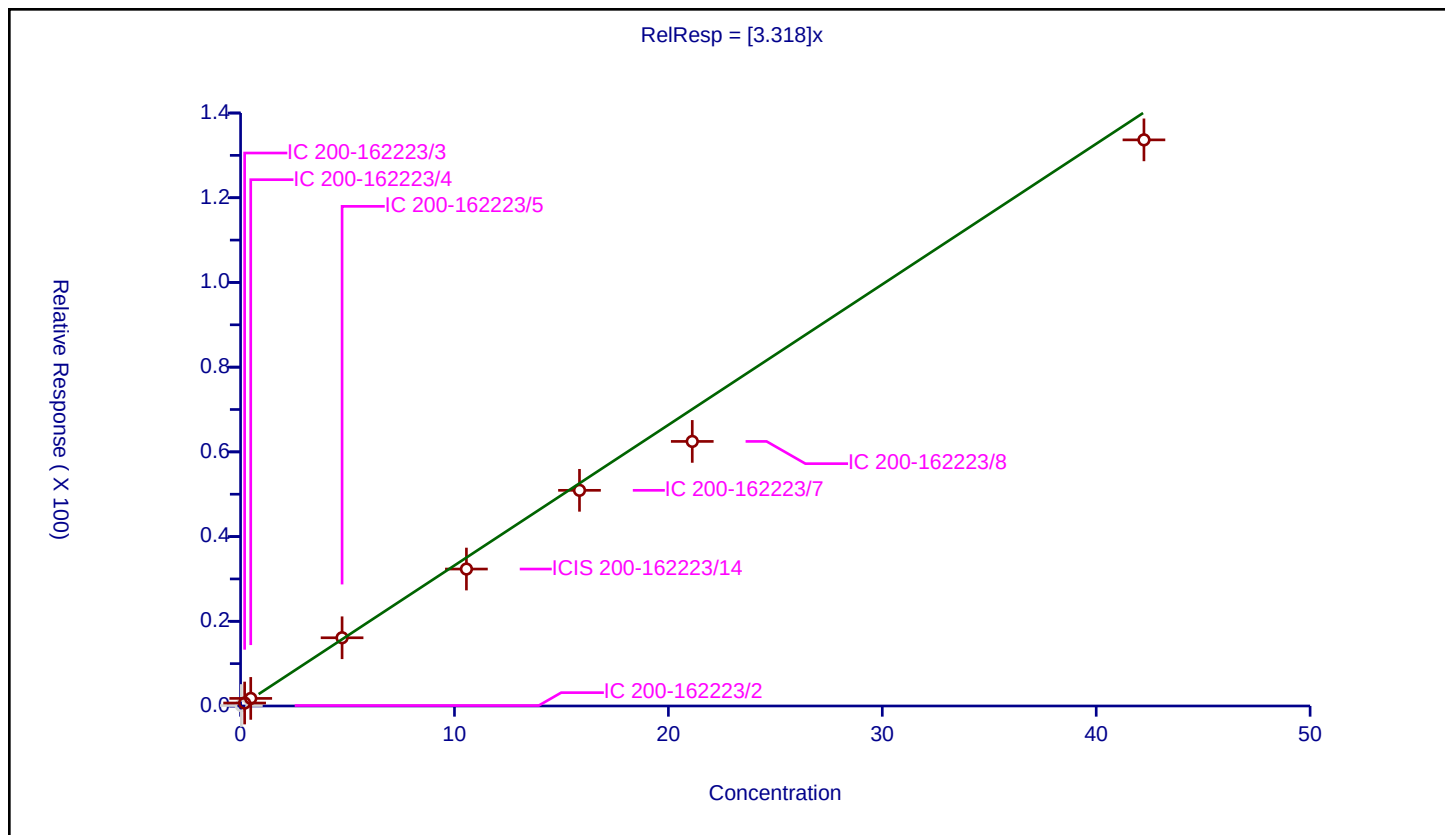
## Curve Coefficients

Intercept: 0  
 Slope: 3.318

## Error Coefficients

Standard Error: 1410000  
 Relative Standard Error: 9.2  
 Correlation Coefficient: 0.988  
 Coefficient of Determination (Adjusted): 0.989

| ID | Level              | Concentration | Rel. Resp. | IS Amount | IS Response | RRF      | Used |
|----|--------------------|---------------|------------|-----------|-------------|----------|------|
| 1  | IC 200-162223/2    | 0.037041      | 0.112691   | 20.0      | 303308.0    | 3.042304 | N    |
| 2  | IC 200-162223/3    | 0.190498      | 0.699901   | 20.0      | 321217.0    | 3.674061 | Y    |
| 3  | IC 200-162223/4    | 0.47563       | 1.788046   | 20.0      | 321032.0    | 3.75932  | Y    |
| 4  | IC 200-162223/5    | 4.744932      | 16.111128  | 20.0      | 337126.0    | 3.395439 | Y    |
| 5  | ICIS 200-162223/14 | 10.557951     | 32.331353  | 20.0      | 518806.0    | 3.062275 | Y    |
| 6  | IC 200-162223/7    | 15.843756     | 50.916779  | 20.0      | 356858.0    | 3.213681 | Y    |
| 7  | IC 200-162223/8    | 21.115902     | 62.464259  | 20.0      | 402409.0    | 2.958162 | Y    |
| 8  | IC 200-162223/9    | 42.231805     | 133.658153 | 20.0      | 441332.0    | 3.16487  | Y    |



## Calibration

/ Ethanol

Curve Type: Average  
Weighting: Conc\_Sq  
Origin: Force  
Dependency: Response  
Calib Mode: ISTD  
Response Base: AREA  
RF Rounding: 0

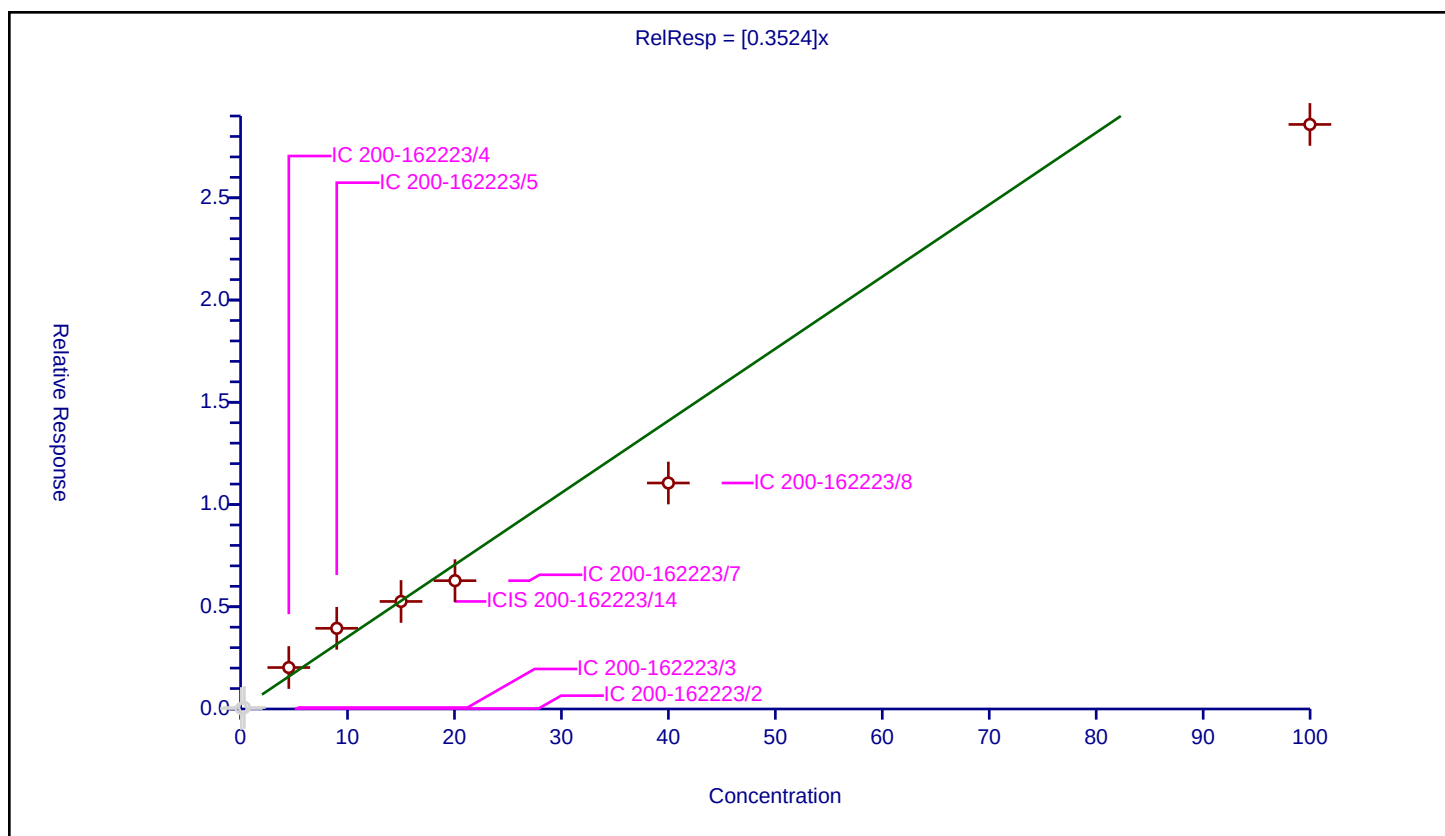
## Curve Coefficients

Intercept: 0  
Slope: 0.3524

## Error Coefficients

Standard Error: 311000  
Relative Standard Error: 21.5  
Correlation Coefficient: 0.989  
Coefficient of Determination (Adjusted): 0.864

| ID | Level              | Concentration | Rel. Resp. | IS Amount | IS Response | RRF      | Used |
|----|--------------------|---------------|------------|-----------|-------------|----------|------|
| 1  | IC 200-162223/2    | 0.070165      | 0.022419   | 20.0      | 303308.0    | 0.319524 | N    |
| 2  | IC 200-162223/3    | 0.36085       | 0.07235    | 20.0      | 321217.0    | 0.200499 | N    |
| 3  | IC 200-162223/4    | 4.509574      | 2.027275   | 20.0      | 321032.0    | 0.449549 | Y    |
| 4  | IC 200-162223/5    | 8.992434      | 3.946299   | 20.0      | 337126.0    | 0.438847 | Y    |
| 5  | ICIS 200-162223/14 | 15.003557     | 5.258999   | 20.0      | 518806.0    | 0.350517 | Y    |
| 6  | IC 200-162223/7    | 20.047856     | 6.275269   | 20.0      | 356858.0    | 0.313014 | Y    |
| 7  | IC 200-162223/8    | 39.998707     | 11.052685  | 20.0      | 402409.0    | 0.276326 | Y    |
| 8  | IC 200-162223/9    | 99.980599     | 28.587458  | 20.0      | 441332.0    | 0.28593  | Y    |



## Calibration

/ Ethyl ether

Curve Type: Average  
Weighting: Conc\_Sq  
Origin: Force  
Dependency: Response  
Calib Mode: ISTD  
Response Base: AREA  
RF Rounding: 0

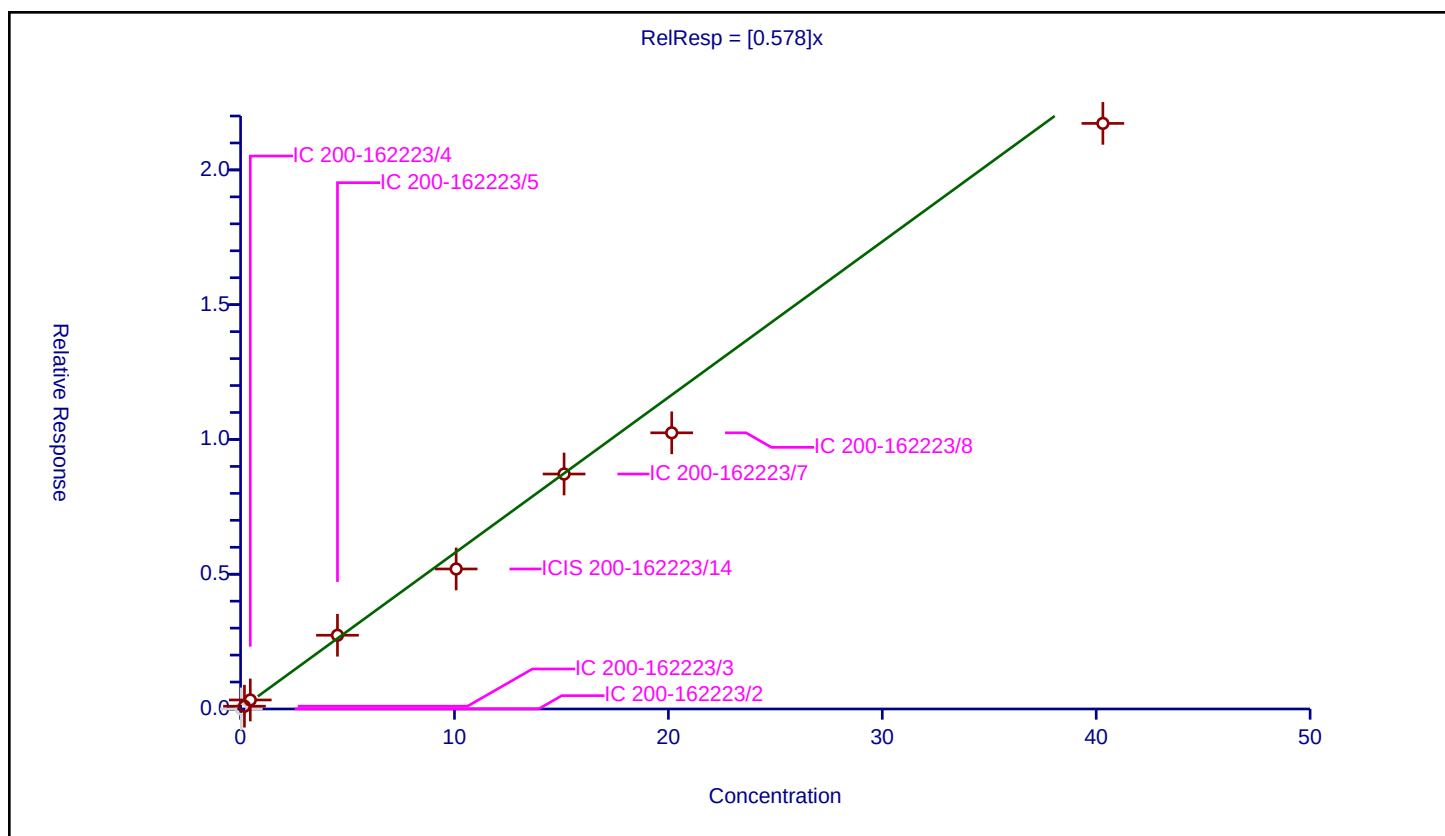
## Curve Coefficients

Intercept: 0  
Slope: 0.578

## Error Coefficients

Standard Error: 230000  
Relative Standard Error: 13.5  
Correlation Coefficient: 0.991  
Coefficient of Determination (Adjusted): 0.978

| ID | Level              | Concentration | Rel. Resp. | IS Amount | IS Response | RRF      | Used |
|----|--------------------|---------------|------------|-----------|-------------|----------|------|
| 1  | IC 200-162223/2    | 0.035358      | 0.004682   | 20.0      | 303308.0    | 0.13241  | N    |
| 2  | IC 200-162223/3    | 0.181839      | 0.102921   | 20.0      | 321217.0    | 0.566002 | Y    |
| 3  | IC 200-162223/4    | 0.454011      | 0.334608   | 20.0      | 321032.0    | 0.737006 | Y    |
| 4  | IC 200-162223/5    | 4.529253      | 2.73595    | 20.0      | 337126.0    | 0.604062 | Y    |
| 5  | ICIS 200-162223/14 | 10.078044     | 5.194774   | 20.0      | 518806.0    | 0.515455 | Y    |
| 6  | IC 200-162223/7    | 15.123585     | 8.717921   | 20.0      | 356858.0    | 0.576445 | Y    |
| 7  | IC 200-162223/8    | 20.156089     | 10.246143  | 20.0      | 402409.0    | 0.50834  | Y    |
| 8  | IC 200-162223/9    | 40.312177     | 21.725912  | 20.0      | 441332.0    | 0.538942 | Y    |



## Calibration

/ Acrolein

Curve Type: Average  
Weighting: Conc\_Sq  
Origin: Force  
Dependency: Response  
Calib Mode: ISTD  
Response Base: AREA  
RF Rounding: 0

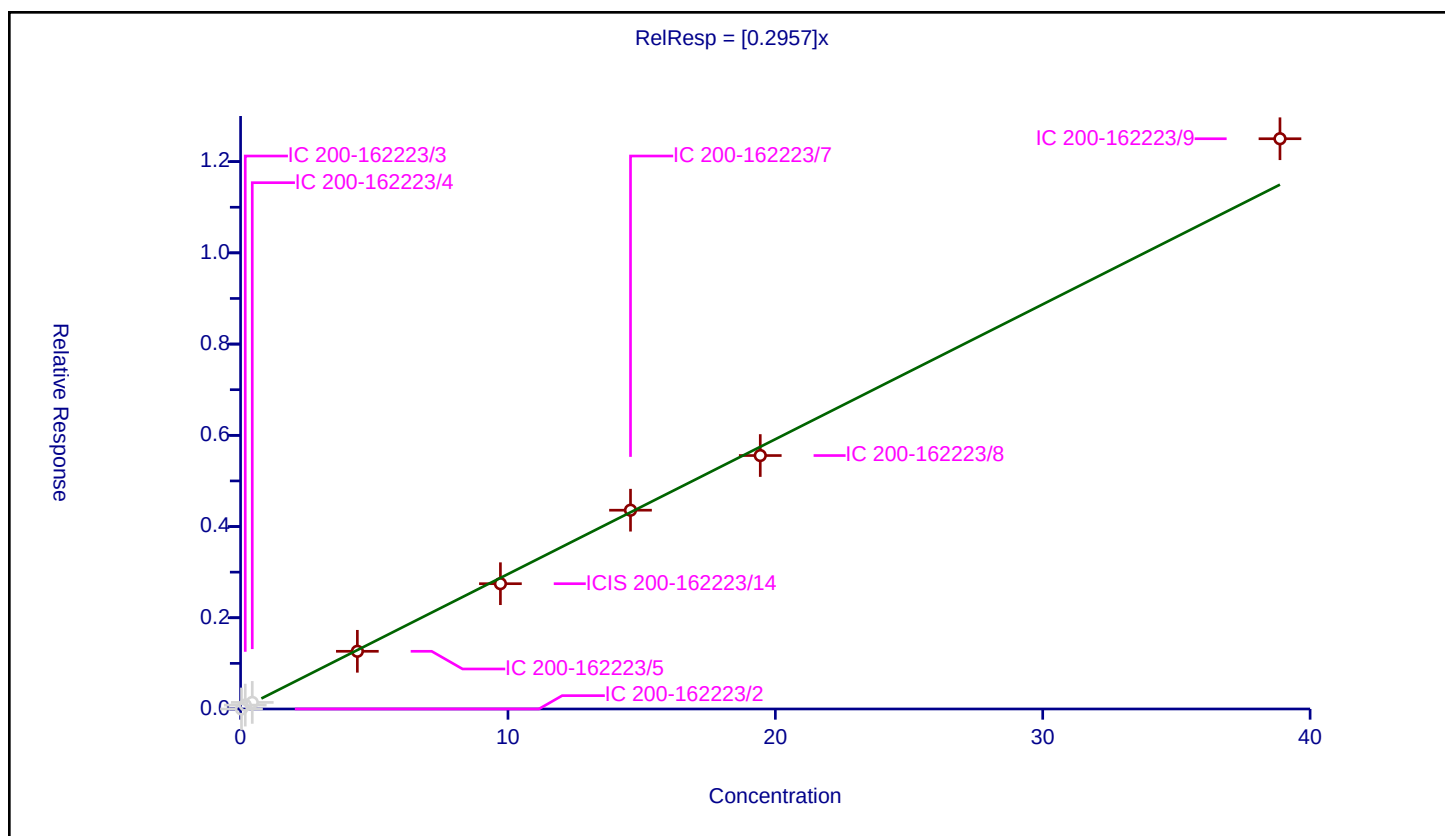
## Curve Coefficients

Intercept: 0  
Slope: 0.2957

## Error Coefficients

Standard Error: 158000  
Relative Standard Error: 5.3  
Correlation Coefficient: 0.981  
Coefficient of Determination (Adjusted): 0.994

| ID | Level              | Concentration | Rel. Resp. | IS Amount | IS Response | RRF      | Used |
|----|--------------------|---------------|------------|-----------|-------------|----------|------|
| 1  | IC 200-162223/2    | 0.034095      | 0.0        | 20.0      | 303308.0    | 0.0      | N    |
| 2  | IC 200-162223/3    | 0.175345      | 0.085052   | 20.0      | 321217.0    | 0.485054 | N    |
| 3  | IC 200-162223/4    | 0.437796      | 0.144035   | 20.0      | 321032.0    | 0.329001 | N    |
| 4  | IC 200-162223/5    | 4.367494      | 1.264987   | 20.0      | 337126.0    | 0.289637 | Y    |
| 5  | ICIS 200-162223/14 | 9.718114      | 2.746884   | 20.0      | 518806.0    | 0.282656 | Y    |
| 6  | IC 200-162223/7    | 14.583457     | 4.358148   | 20.0      | 356858.0    | 0.298842 | Y    |
| 7  | IC 200-162223/8    | 19.436228     | 5.556387   | 20.0      | 402409.0    | 0.285878 | Y    |
| 8  | IC 200-162223/9    | 38.872457     | 12.501745  | 20.0      | 441332.0    | 0.321609 | 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

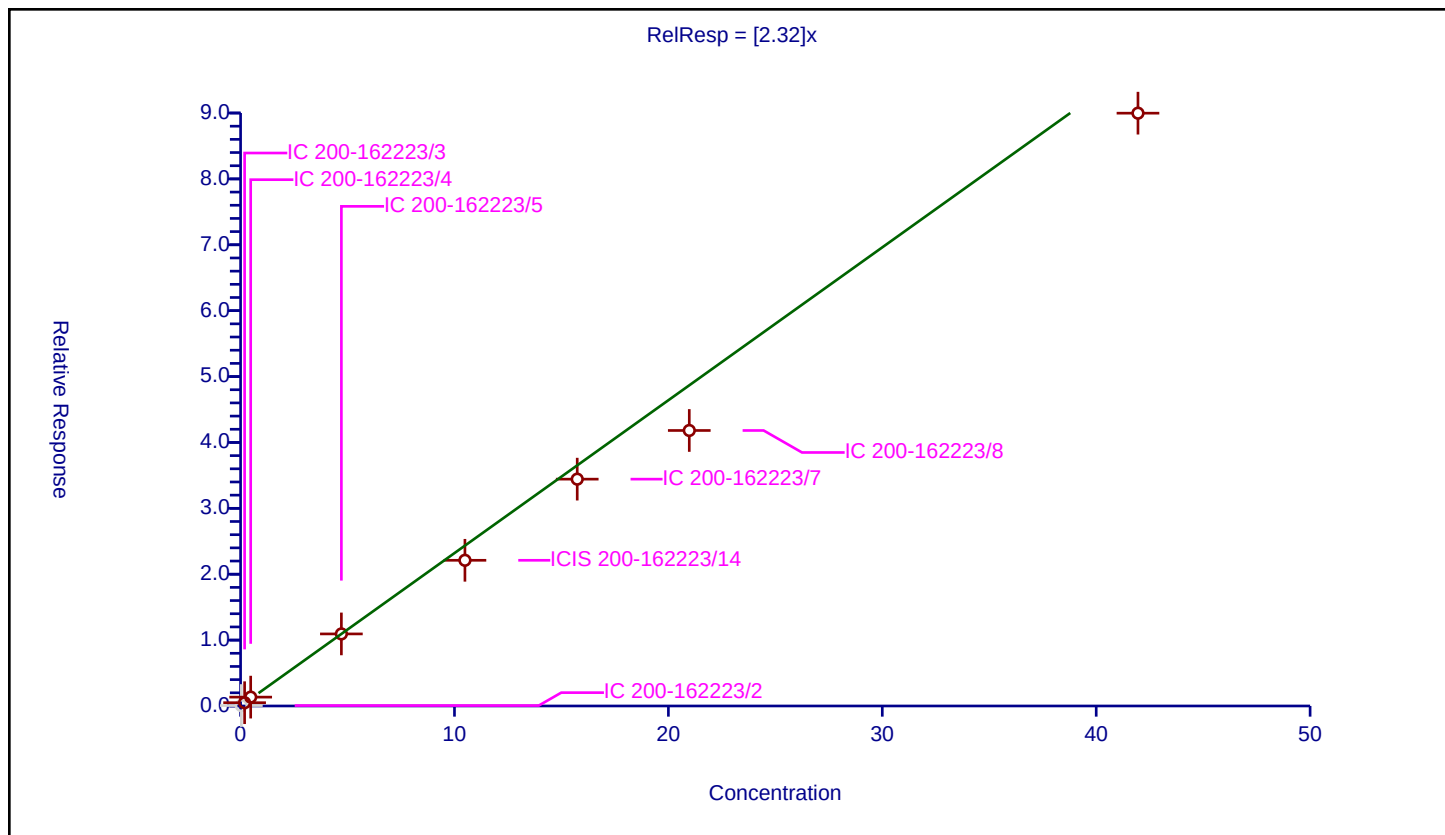
## Curve Coefficients

Intercept: 0  
 Slope: 2.32

## Error Coefficients

Standard Error: 948000  
 Relative Standard Error: 13.4  
 Correlation Coefficient: 0.987  
 Coefficient of Determination (Adjusted): 0.977

| ID | Level              | Concentration | Rel. Resp. | IS Amount | IS Response | RRF      | Used |
|----|--------------------|---------------|------------|-----------|-------------|----------|------|
| 1  | IC 200-162223/2    | 0.036796      | 0.066335   | 20.0      | 303308.0    | 1.802797 | N    |
| 2  | IC 200-162223/3    | 0.189235      | 0.500223   | 20.0      | 321217.0    | 2.643392 | Y    |
| 3  | IC 200-162223/4    | 0.472477      | 1.343791   | 20.0      | 321032.0    | 2.844139 | Y    |
| 4  | IC 200-162223/5    | 4.713479      | 10.937988  | 20.0      | 337126.0    | 2.320576 | Y    |
| 5  | ICIS 200-162223/14 | 10.487965     | 22.113507  | 20.0      | 518806.0    | 2.108465 | Y    |
| 6  | IC 200-162223/7    | 15.738731     | 34.42798   | 20.0      | 356858.0    | 2.187469 | Y    |
| 7  | IC 200-162223/8    | 20.97593      | 41.817057  | 20.0      | 402409.0    | 1.993573 | Y    |
| 8  | IC 200-162223/9    | 41.951859     | 89.974078  | 20.0      | 441332.0    | 2.144698 | Y    |



# Calibration

/ 1,1-Dichloroethene

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

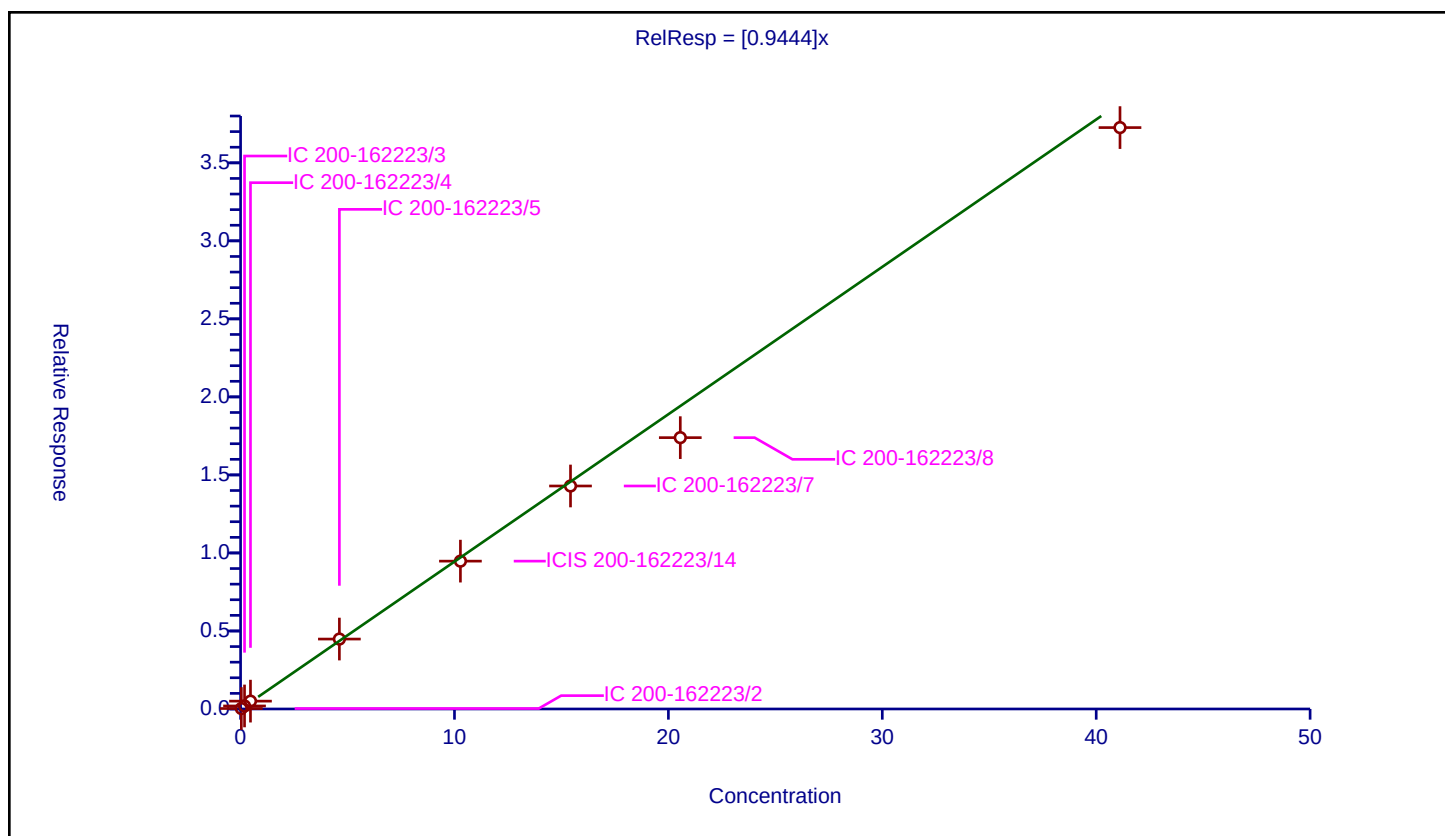
## Curve Coefficients

Intercept: 0  
 Slope: 0.9444

## Error Coefficients

Standard Error: 364000  
 Relative Standard Error: 9.2  
 Correlation Coefficient: 0.987  
 Coefficient of Determination (Adjusted): 0.991

| ID | Level              | Concentration | Rel. Resp. | IS Amount | IS Response | RRF      | Used |
|----|--------------------|---------------|------------|-----------|-------------|----------|------|
| 1  | IC 200-162223/2    | 0.036059      | 0.030596   | 20.0      | 303308.0    | 0.848495 | Y    |
| 2  | IC 200-162223/3    | 0.185447      | 0.194323   | 20.0      | 321217.0    | 1.047866 | Y    |
| 3  | IC 200-162223/4    | 0.463019      | 0.503813   | 20.0      | 321032.0    | 1.088104 | Y    |
| 4  | IC 200-162223/5    | 4.619119      | 4.481766   | 20.0      | 337126.0    | 0.970264 | Y    |
| 5  | ICIS 200-162223/14 | 10.278006     | 9.475411   | 20.0      | 518806.0    | 0.921911 | Y    |
| 6  | IC 200-162223/7    | 15.423656     | 14.290166  | 20.0      | 356858.0    | 0.92651  | Y    |
| 7  | IC 200-162223/8    | 20.556011     | 17.389074  | 20.0      | 402409.0    | 0.845936 | Y    |
| 8  | IC 200-162223/9    | 41.112022     | 37.258436  | 20.0      | 441332.0    | 0.906266 | Y    |



# Calibration

/ Acetone

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

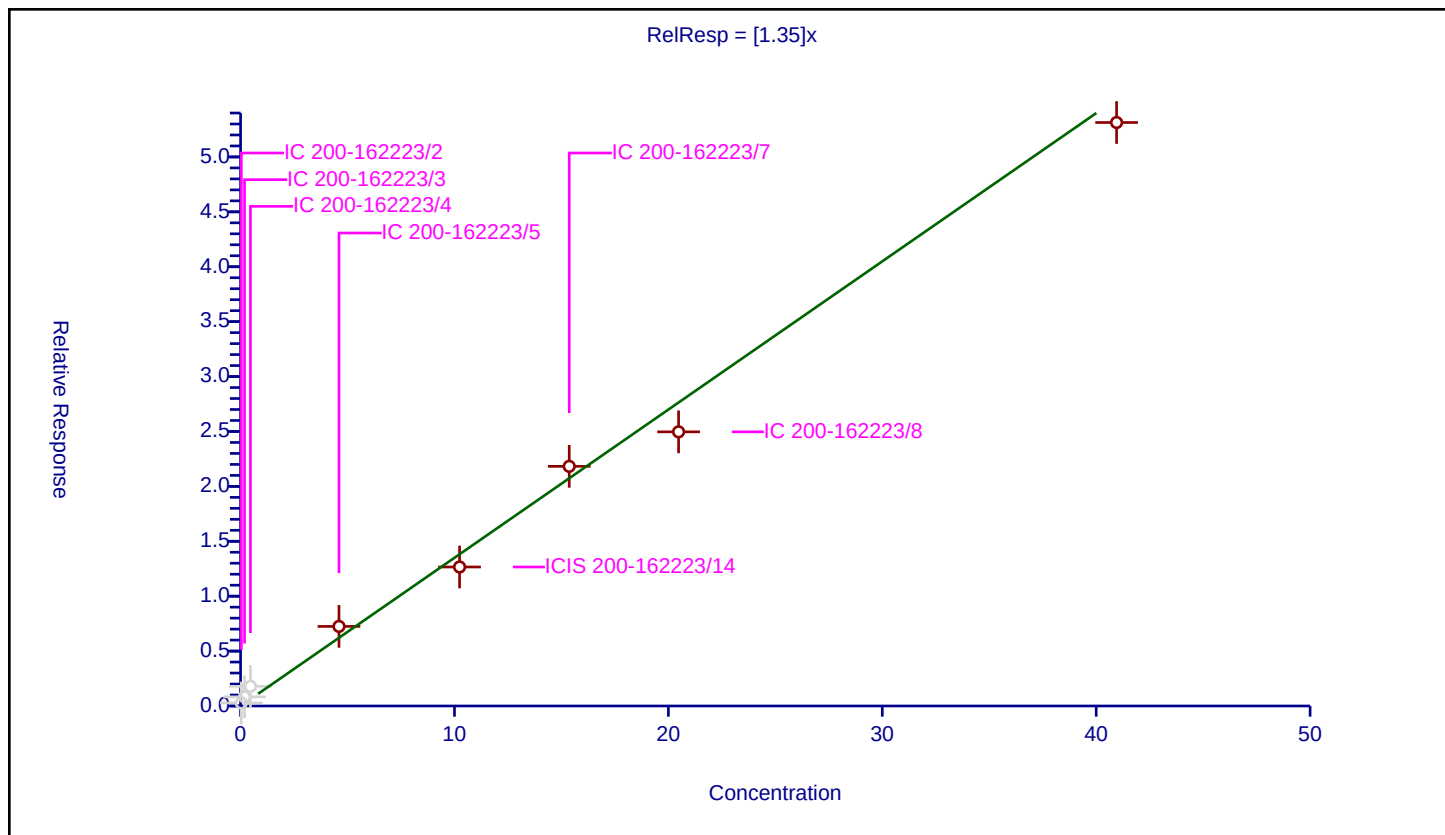
## Curve Coefficients

Intercept: 0  
 Slope: 1.35

## Error Coefficients

Standard Error: 689000  
 Relative Standard Error: 11.0  
 Correlation Coefficient: 0.987  
 Coefficient of Determination (Adjusted): 0.967

| ID | Level              | Concentration | Rel. Resp. | IS Amount | IS Response | RRF      | Used |
|----|--------------------|---------------|------------|-----------|-------------|----------|------|
| 1  | IC 200-162223/2    | 0.035919      | 0.274506   | 20.0      | 303308.0    | 7.642419 | N    |
| 2  | IC 200-162223/3    | 0.184725      | 0.830529   | 20.0      | 321217.0    | 4.496024 | N    |
| 3  | IC 200-162223/4    | 0.461217      | 1.790476   | 20.0      | 321032.0    | 3.882067 | N    |
| 4  | IC 200-162223/5    | 4.601146      | 7.247201   | 20.0      | 337126.0    | 1.575086 | Y    |
| 5  | ICIS 200-162223/14 | 10.238013     | 12.657217  | 20.0      | 518806.0    | 1.236296 | Y    |
| 6  | IC 200-162223/7    | 15.363642     | 21.822854  | 20.0      | 356858.0    | 1.420422 | Y    |
| 7  | IC 200-162223/8    | 20.476027     | 24.965297  | 20.0      | 402409.0    | 1.219245 | Y    |
| 8  | IC 200-162223/9    | 40.952053     | 53.135327  | 20.0      | 441332.0    | 1.297501 | Y    |





# Calibration

/ Carbon disulfide

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

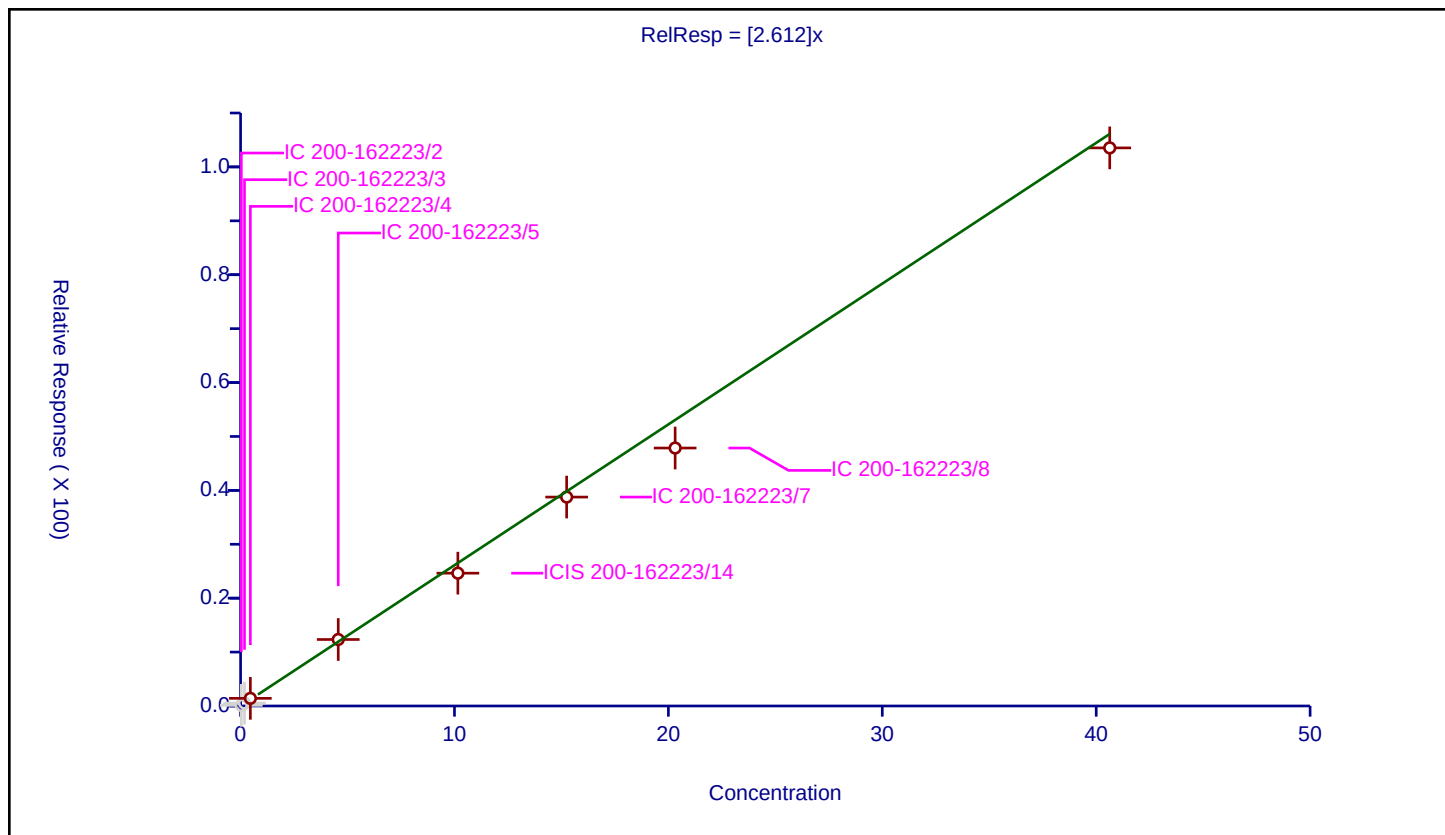
## Curve Coefficients

Intercept: 0  
 Slope: 2.612

## Error Coefficients

Standard Error: 1190000  
 Relative Standard Error: 10.2  
 Correlation Coefficient: 0.985  
 Coefficient of Determination (Adjusted): 0.988

| ID | Level              | Concentration | Rel. Resp. | IS Amount | IS Response | RRF      | Used |
|----|--------------------|---------------|------------|-----------|-------------|----------|------|
| 1  | IC 200-162223/2    | 0.035638      | 0.118559   | 20.0      | 303308.0    | 3.326752 | N    |
| 2  | IC 200-162223/3    | 0.183282      | 0.540133   | 20.0      | 321217.0    | 2.947006 | N    |
| 3  | IC 200-162223/4    | 0.457614      | 1.417242   | 20.0      | 321032.0    | 3.097026 | Y    |
| 4  | IC 200-162223/5    | 4.5652        | 12.334498  | 20.0      | 337126.0    | 2.701853 | Y    |
| 5  | ICIS 200-162223/14 | 10.158029     | 24.637919  | 20.0      | 518806.0    | 2.425463 | Y    |
| 6  | IC 200-162223/7    | 15.243614     | 38.756032  | 20.0      | 356858.0    | 2.542444 | Y    |
| 7  | IC 200-162223/8    | 20.316058     | 47.853005  | 20.0      | 402409.0    | 2.355428 | Y    |
| 8  | IC 200-162223/9    | 40.632115     | 103.530539 | 20.0      | 441332.0    | 2.547998 | Y    |



## Calibration

/ Isopropyl alcohol

Curve Type: Average  
Weighting: Conc\_Sq  
Origin: Force  
Dependency: Response  
Calib Mode: ISTD  
Response Base: AREA  
RF Rounding: 0

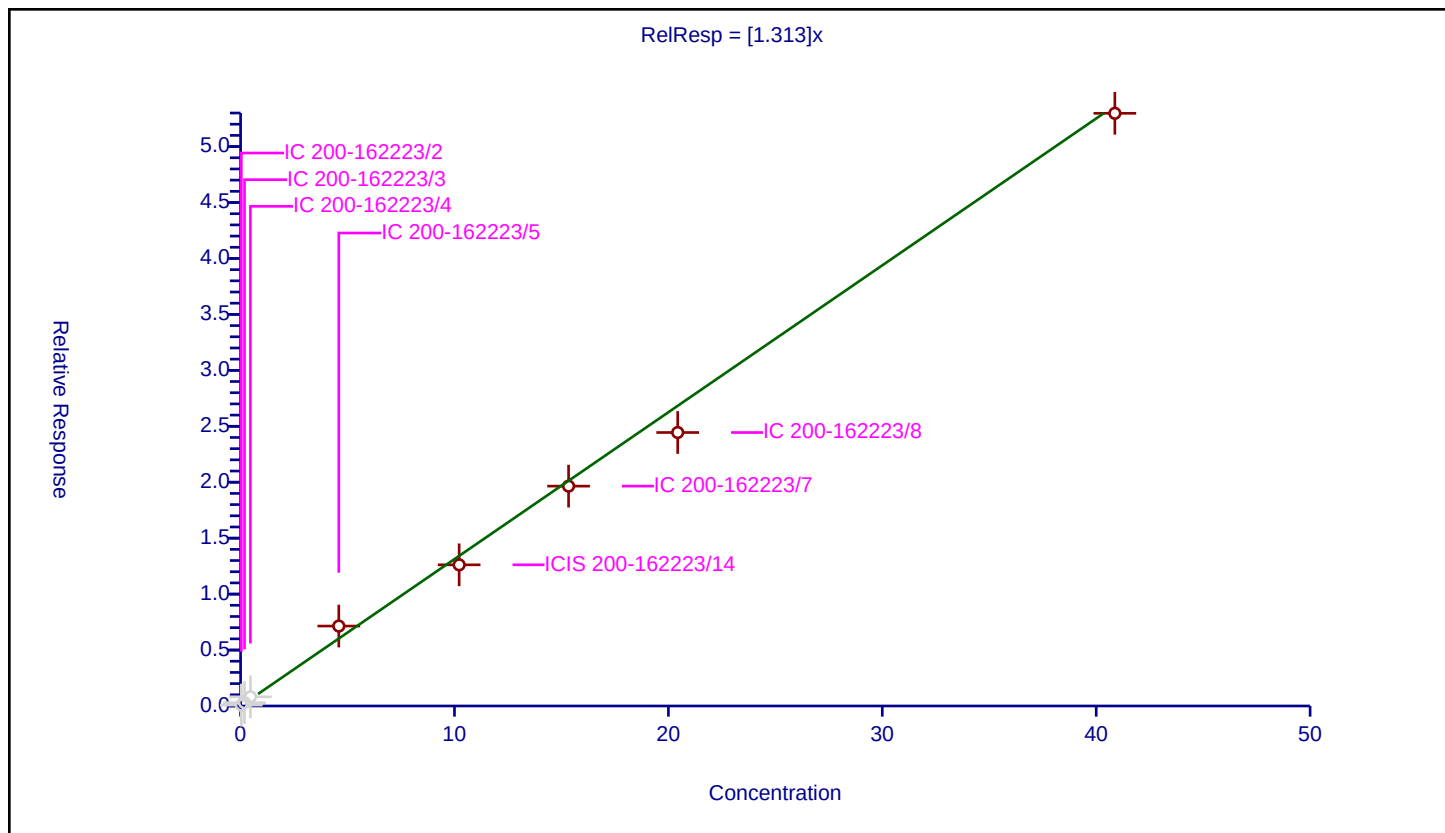
## Curve Coefficients

Intercept: 0  
Slope: 1.313

## Error Coefficients

Standard Error: 681000  
Relative Standard Error: 10.8  
Correlation Coefficient: 0.980  
Coefficient of Determination (Adjusted): 0.967

| ID | Level              | Concentration | Rel. Resp. | IS Amount | IS Response | RRF      | Used |
|----|--------------------|---------------|------------|-----------|-------------|----------|------|
| 1  | IC 200-162223/2    | 0.035849      | 0.077743   | 20.0      | 303308.0    | 2.168639 | N    |
| 2  | IC 200-162223/3    | 0.184364      | 0.295688   | 20.0      | 321217.0    | 1.603823 | N    |
| 3  | IC 200-162223/4    | 0.460316      | 0.822099   | 20.0      | 321032.0    | 1.785943 | N    |
| 4  | IC 200-162223/5    | 4.592159      | 7.143739   | 20.0      | 337126.0    | 1.555638 | Y    |
| 5  | ICIS 200-162223/14 | 10.218017     | 12.616971  | 20.0      | 518806.0    | 1.234777 | Y    |
| 6  | IC 200-162223/7    | 15.333635     | 19.650729  | 20.0      | 356858.0    | 1.281544 | Y    |
| 7  | IC 200-162223/8    | 20.436034     | 24.442694  | 20.0      | 402409.0    | 1.196059 | Y    |
| 8  | IC 200-162223/9    | 40.872069     | 52.973091  | 20.0      | 441332.0    | 1.296071 | 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

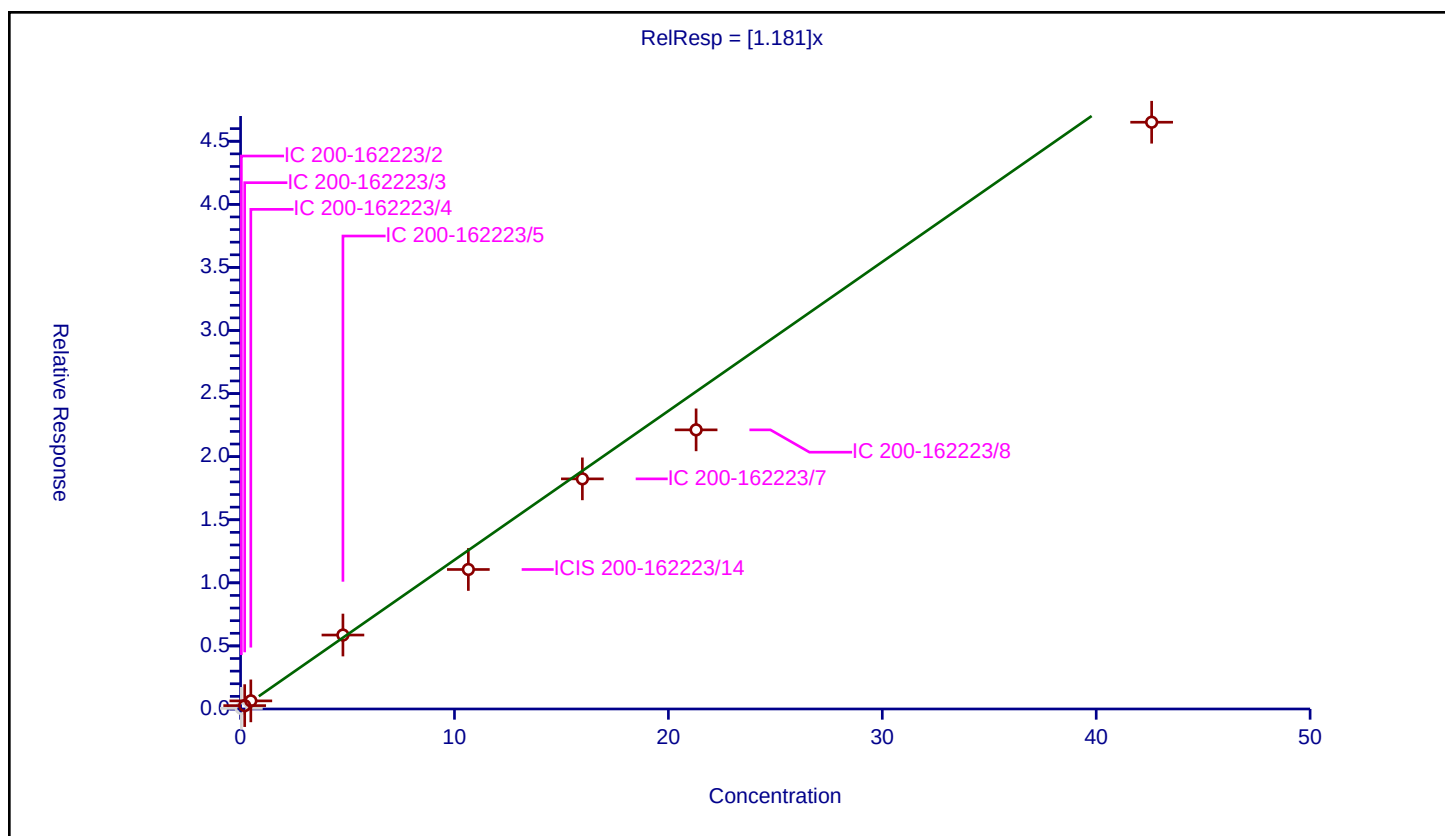
## Curve Coefficients

Intercept: 0  
Slope: 1.181

## Error Coefficients

Standard Error: 491000  
Relative Standard Error: 12.1  
Correlation Coefficient: 0.991  
Coefficient of Determination (Adjusted): 0.981

| ID | Level              | Concentration | Rel. Resp. | IS Amount | IS Response | RRF      | Used |
|----|--------------------|---------------|------------|-----------|-------------|----------|------|
| 1  | IC 200-162223/2    | 0.037357      | 0.049652   | 20.0      | 303308.0    | 1.329137 | N    |
| 2  | IC 200-162223/3    | 0.192121      | 0.267109   | 20.0      | 321217.0    | 1.390314 | Y    |
| 3  | IC 200-162223/4    | 0.479684      | 0.644173   | 20.0      | 321032.0    | 1.342911 | Y    |
| 4  | IC 200-162223/5    | 4.785372      | 5.862497   | 20.0      | 337126.0    | 1.225087 | Y    |
| 5  | ICIS 200-162223/14 | 10.647934     | 11.057659  | 20.0      | 518806.0    | 1.038479 | Y    |
| 6  | IC 200-162223/7    | 15.978788     | 18.2393    | 20.0      | 356858.0    | 1.14147  | Y    |
| 7  | IC 200-162223/8    | 21.295868     | 22.125102  | 20.0      | 402409.0    | 1.038939 | Y    |
| 8  | IC 200-162223/9    | 42.591735     | 46.507663  | 20.0      | 441332.0    | 1.091941 | Y    |



## Calibration

/ Acetonitrile

Curve Type: Average  
Weighting: Conc\_Sq  
Origin: Force  
Dependency: Response  
Calib Mode: ISTD  
Response Base: AREA  
RF Rounding: 0

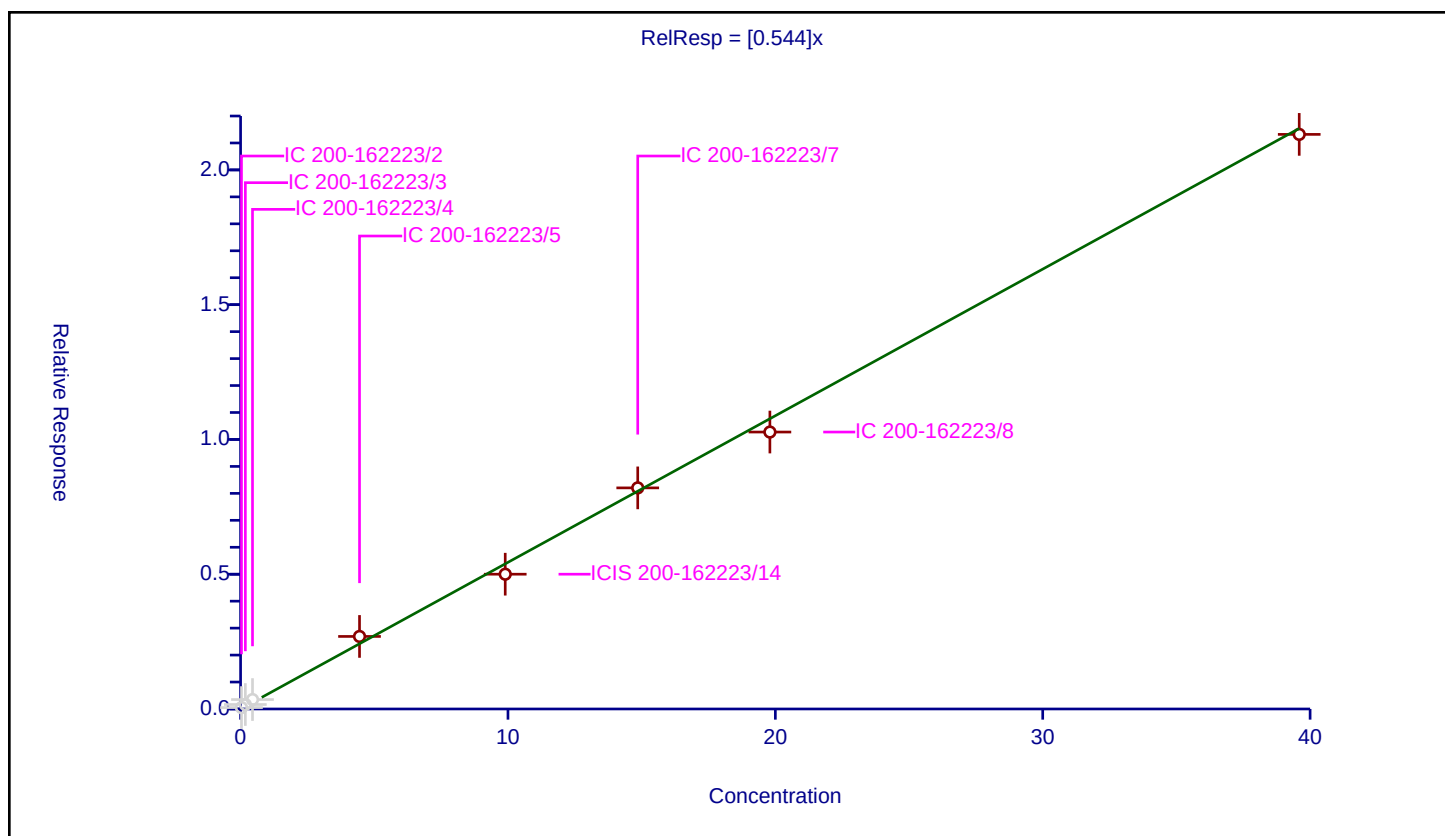
## Curve Coefficients

Intercept: 0  
Slope: 0.544

## Error Coefficients

Standard Error: 276000  
Relative Standard Error: 7.1  
Correlation Coefficient: 0.987  
Coefficient of Determination (Adjusted): 0.987

| ID | Level              | Concentration | Rel. Resp. | IS Amount | IS Response | RRF      | Used |
|----|--------------------|---------------|------------|-----------|-------------|----------|------|
| 1  | IC 200-162223/2    | 0.034726      | 0.052158   | 20.0      | 303308.0    | 1.501985 | N    |
| 2  | IC 200-162223/3    | 0.178592      | 0.165869   | 20.0      | 321217.0    | 0.928762 | N    |
| 3  | IC 200-162223/4    | 0.445903      | 0.349436   | 20.0      | 321032.0    | 0.783658 | N    |
| 4  | IC 200-162223/5    | 4.448374      | 2.691101   | 20.0      | 337126.0    | 0.604963 | Y    |
| 5  | ICIS 200-162223/14 | 9.898079      | 5.000944   | 20.0      | 518806.0    | 0.505244 | Y    |
| 6  | IC 200-162223/7    | 14.853521     | 8.203375   | 20.0      | 356858.0    | 0.552285 | Y    |
| 7  | IC 200-162223/8    | 19.796159     | 10.27472   | 20.0      | 402409.0    | 0.519026 | Y    |
| 8  | IC 200-162223/9    | 39.592317     | 21.318282  | 20.0      | 441332.0    | 0.538445 | Y    |



# Calibration

/ Methylene Chloride

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

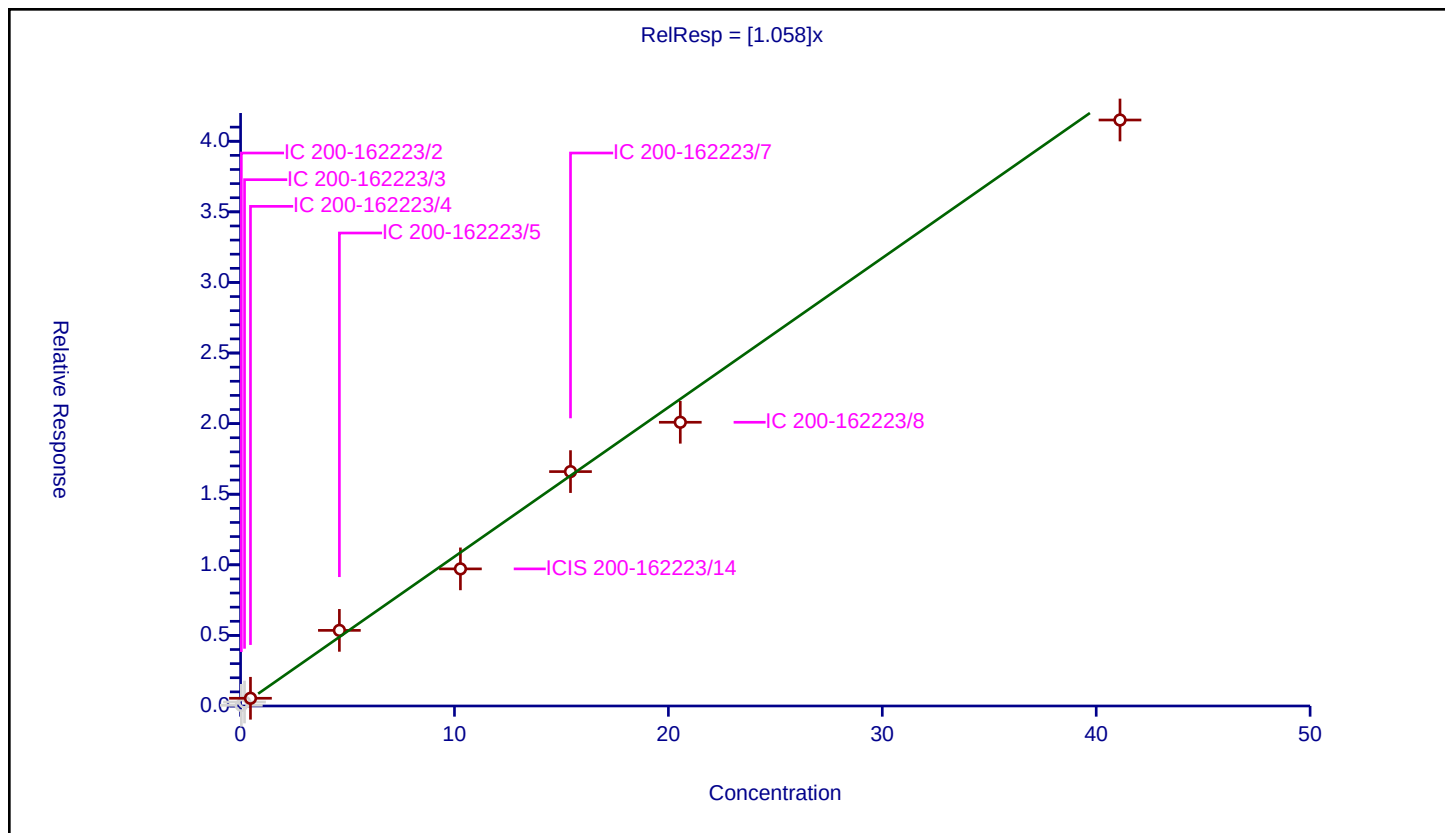
## Curve Coefficients

Intercept: 0  
 Slope: 1.058

## Error Coefficients

Standard Error: 482000  
 Relative Standard Error: 9.2  
 Correlation Coefficient: 0.992  
 Coefficient of Determination (Adjusted): 0.990

| ID | Level              | Concentration | Rel. Resp. | IS Amount | IS Response | RRF      | Used |
|----|--------------------|---------------|------------|-----------|-------------|----------|------|
| 1  | IC 200-162223/2    | 0.036059      | 0.048202   | 20.0      | 303308.0    | 1.336745 | N    |
| 2  | IC 200-162223/3    | 0.185447      | 0.280309   | 20.0      | 321217.0    | 1.511533 | N    |
| 3  | IC 200-162223/4    | 0.463019      | 0.545927   | 20.0      | 321032.0    | 1.17906  | Y    |
| 4  | IC 200-162223/5    | 4.619119      | 5.354734   | 20.0      | 337126.0    | 1.159254 | Y    |
| 5  | ICIS 200-162223/14 | 10.278006     | 9.710682   | 20.0      | 518806.0    | 0.944802 | Y    |
| 6  | IC 200-162223/7    | 15.423656     | 16.601057  | 20.0      | 356858.0    | 1.076337 | Y    |
| 7  | IC 200-162223/8    | 20.556011     | 20.095475  | 20.0      | 402409.0    | 0.977596 | Y    |
| 8  | IC 200-162223/9    | 41.112022     | 41.50508   | 20.0      | 441332.0    | 1.009561 | 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

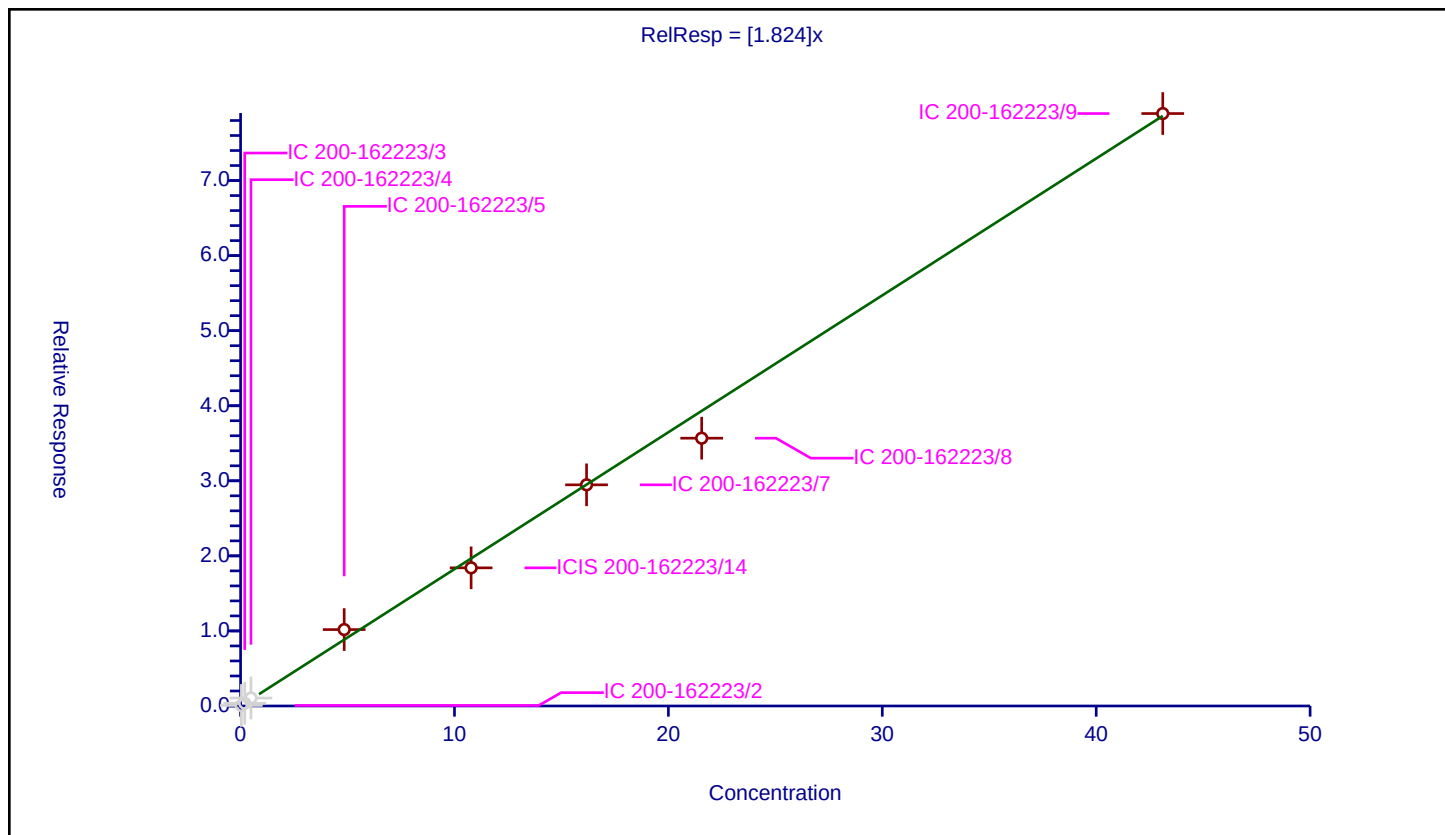
### Curve Coefficients

Intercept: 0  
 Slope: 1.824

### Error Coefficients

Standard Error: 1010000  
 Relative Standard Error: 9.5  
 Correlation Coefficient: 0.980  
 Coefficient of Determination (Adjusted): 0.976

| ID | Level              | Concentration | Rel. Resp. | IS Amount | IS Response | RRF      | Used |
|----|--------------------|---------------|------------|-----------|-------------|----------|------|
| 1  | IC 200-162223/2    | 0.037813      | 0.068775   | 20.0      | 303308.0    | 1.818821 | N    |
| 2  | IC 200-162223/3    | 0.194467      | 0.366543   | 20.0      | 321217.0    | 1.884866 | N    |
| 3  | IC 200-162223/4    | 0.485539      | 1.062885   | 20.0      | 321032.0    | 2.189082 | N    |
| 4  | IC 200-162223/5    | 4.843785      | 10.181594  | 20.0      | 337126.0    | 2.101991 | Y    |
| 5  | ICIS 200-162223/14 | 10.777909     | 18.406379  | 20.0      | 518806.0    | 1.707788 | Y    |
| 6  | IC 200-162223/7    | 16.173834     | 29.466062  | 20.0      | 356858.0    | 1.821835 | Y    |
| 7  | IC 200-162223/8    | 21.555817     | 35.679769  | 20.0      | 402409.0    | 1.655227 | Y    |
| 8  | IC 200-162223/9    | 43.111634     | 78.929106  | 20.0      | 441332.0    | 1.830808 | 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

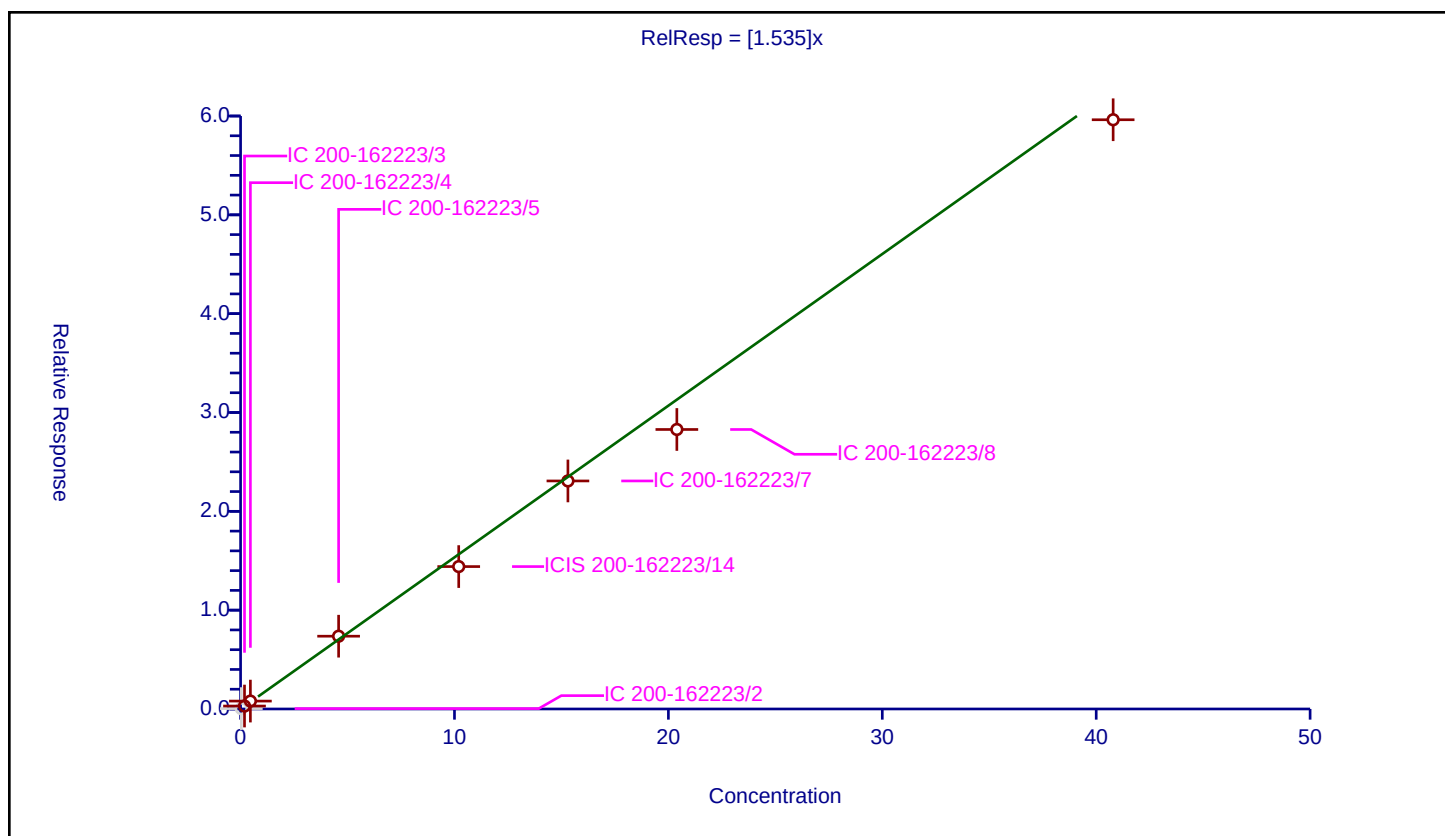
## Curve Coefficients

Intercept: 0  
Slope: 1.535

## Error Coefficients

Standard Error: 630000  
Relative Standard Error: 8.4  
Correlation Coefficient: 0.989  
Coefficient of Determination (Adjusted): 0.991

| ID | Level              | Concentration | Rel. Resp. | IS Amount | IS Response | RRF      | Used |
|----|--------------------|---------------|------------|-----------|-------------|----------|------|
| 1  | IC 200-162223/2    | 0.035778      | 0.039498   | 20.0      | 303308.0    | 1.103954 | N    |
| 2  | IC 200-162223/3    | 0.184004      | 0.298428   | 20.0      | 321217.0    | 1.621857 | Y    |
| 3  | IC 200-162223/4    | 0.459415      | 0.801353   | 20.0      | 321032.0    | 1.744289 | Y    |
| 4  | IC 200-162223/5    | 4.583173      | 7.365317   | 20.0      | 337126.0    | 1.607035 | Y    |
| 5  | ICIS 200-162223/14 | 10.198021     | 14.409664  | 20.0      | 518806.0    | 1.412986 | Y    |
| 6  | IC 200-162223/7    | 15.303628     | 23.073828  | 20.0      | 356858.0    | 1.507736 | Y    |
| 7  | IC 200-162223/8    | 20.396042     | 28.283016  | 20.0      | 402409.0    | 1.386691 | Y    |
| 8  | IC 200-162223/9    | 40.792084     | 59.62092   | 20.0      | 441332.0    | 1.461581 | 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

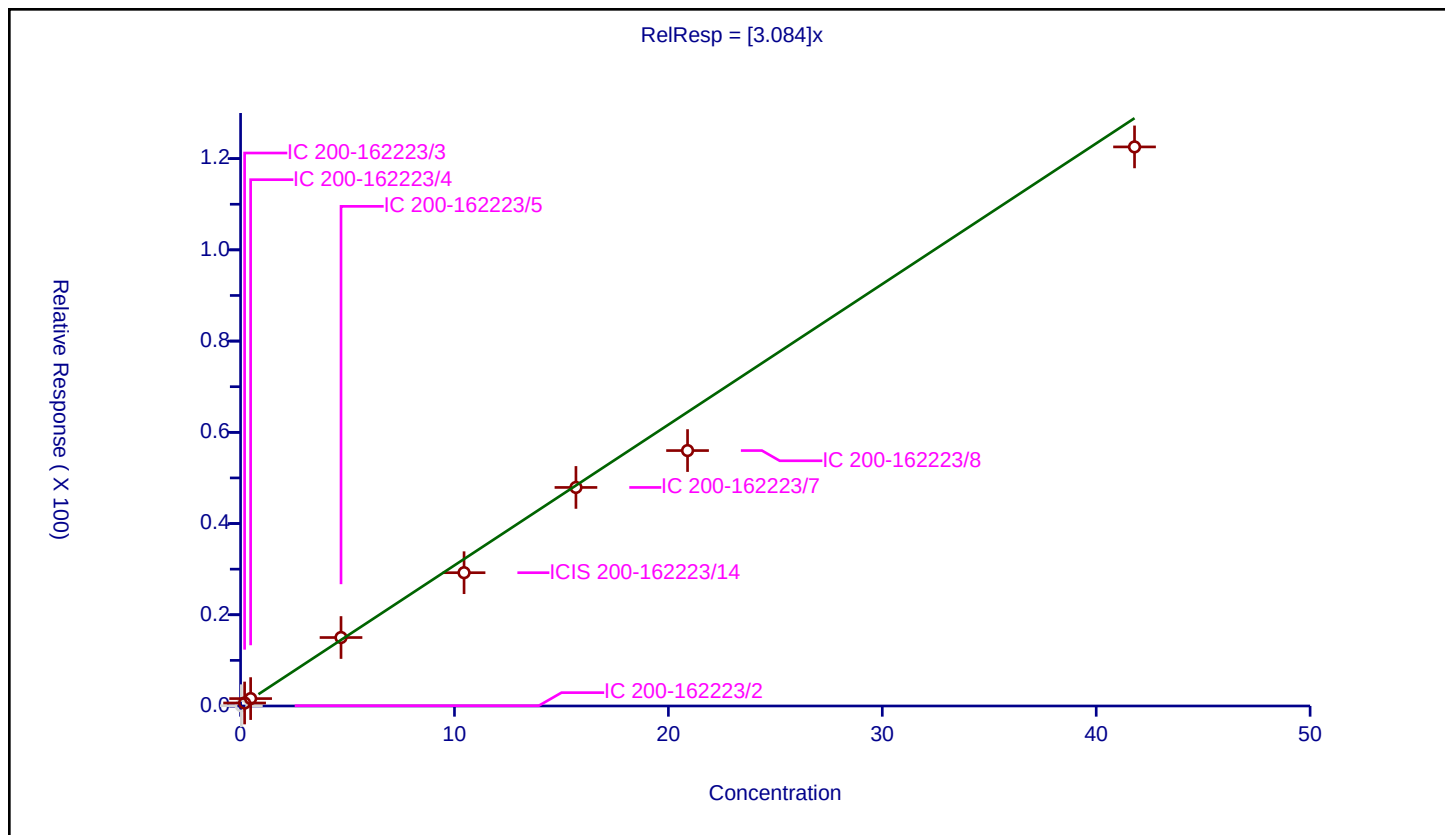
## Curve Coefficients

Intercept: 0  
 Slope: 3.084

## Error Coefficients

Standard Error: 1290000  
 Relative Standard Error: 10.0  
 Correlation Coefficient: 0.988  
 Coefficient of Determination (Adjusted): 0.987

| ID | Level              | Concentration | Rel. Resp. | IS Amount | IS Response | RRF      | Used |
|----|--------------------|---------------|------------|-----------|-------------|----------|------|
| 1  | IC 200-162223/2    | 0.036655      | 0.06284    | 20.0      | 303308.0    | 1.714356 | N    |
| 2  | IC 200-162223/3    | 0.188514      | 0.656254   | 20.0      | 321217.0    | 3.481205 | Y    |
| 3  | IC 200-162223/4    | 0.470676      | 1.619714   | 20.0      | 321032.0    | 3.441253 | Y    |
| 4  | IC 200-162223/5    | 4.695505      | 15.01059   | 20.0      | 337126.0    | 3.1968   | Y    |
| 5  | ICIS 200-162223/14 | 10.447973     | 29.219747  | 20.0      | 518806.0    | 2.796691 | Y    |
| 6  | IC 200-162223/7    | 15.678717     | 47.914913  | 20.0      | 356858.0    | 3.056048 | Y    |
| 7  | IC 200-162223/8    | 20.895945     | 55.997505  | 20.0      | 402409.0    | 2.679826 | Y    |
| 8  | IC 200-162223/9    | 41.79189      | 122.567772 | 20.0      | 441332.0    | 2.932812 | Y    |





## Calibration

/ Acrylonitrile

Curve Type: Average  
Weighting: Conc\_Sq  
Origin: Force  
Dependency: Response  
Calib Mode: ISTD  
Response Base: AREA  
RF Rounding: 0

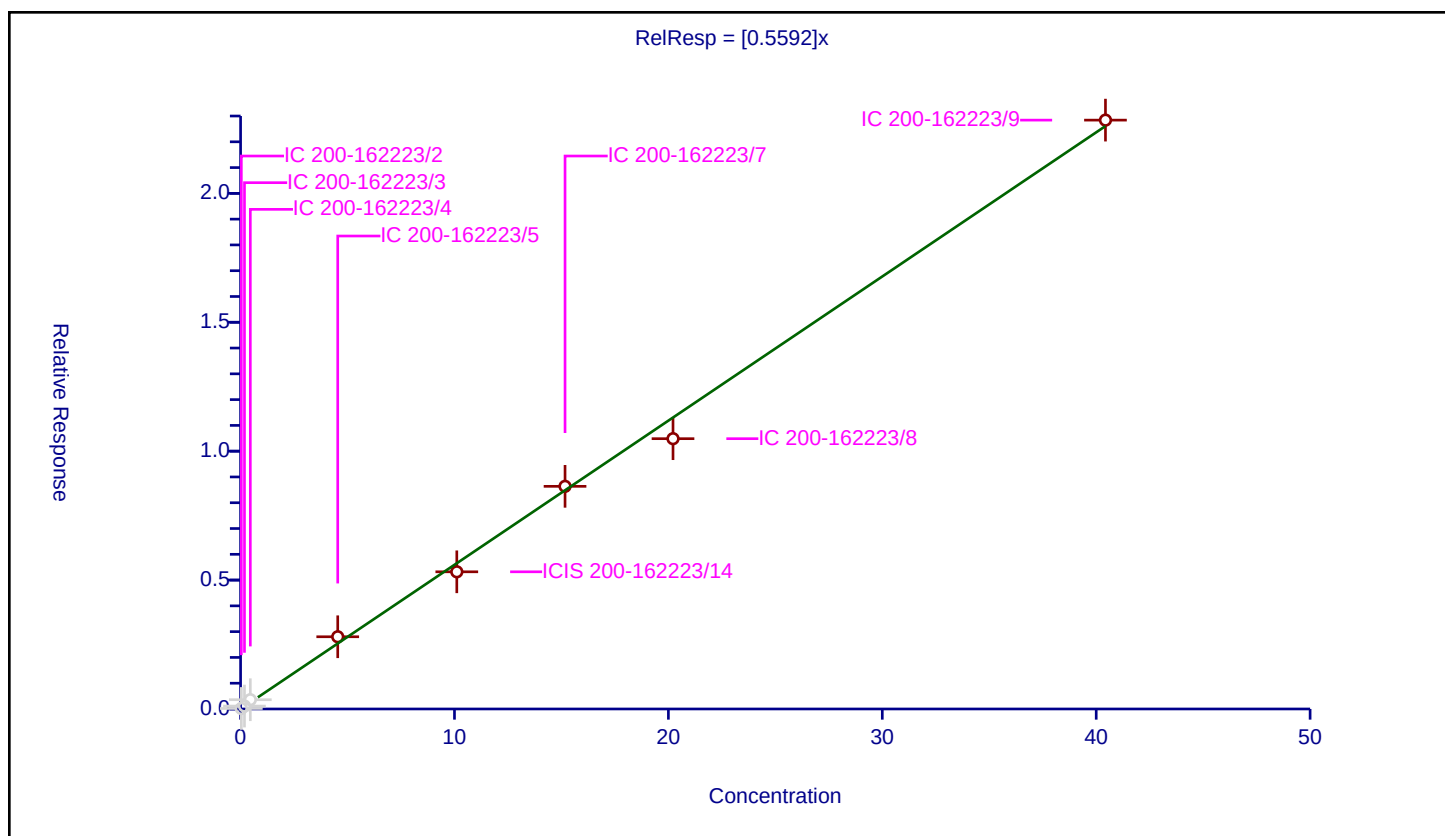
## Curve Coefficients

Intercept: 0  
Slope: 0.5592

## Error Coefficients

Standard Error: 293000  
Relative Standard Error: 7.0  
Correlation Coefficient: 0.983  
Coefficient of Determination (Adjusted): 0.988

| ID | Level              | Concentration | Rel. Resp. | IS Amount | IS Response | RRF      | Used |
|----|--------------------|---------------|------------|-----------|-------------|----------|------|
| 1  | IC 200-162223/2    | 0.035463      | 0.020375   | 20.0      | 303308.0    | 0.574555 | N    |
| 2  | IC 200-162223/3    | 0.18238       | 0.11363    | 20.0      | 321217.0    | 0.623042 | N    |
| 3  | IC 200-162223/4    | 0.455362      | 0.359653   | 20.0      | 321032.0    | 0.789817 | N    |
| 4  | IC 200-162223/5    | 4.542733      | 2.801208   | 20.0      | 337126.0    | 0.616635 | Y    |
| 5  | ICIS 200-162223/14 | 10.108039     | 5.321527   | 20.0      | 518806.0    | 0.526465 | Y    |
| 6  | IC 200-162223/7    | 15.168596     | 8.636264   | 20.0      | 356858.0    | 0.569352 | Y    |
| 7  | IC 200-162223/8    | 20.216077     | 10.484507  | 20.0      | 402409.0    | 0.518622 | Y    |
| 8  | IC 200-162223/9    | 40.432154     | 22.840447  | 20.0      | 441332.0    | 0.564908 | Y    |



## Calibration

/ Hexane

Curve Type: Average  
Weighting: Conc\_Sq  
Origin: Force  
Dependency: Response  
Calib Mode: ISTD  
Response Base: AREA  
RF Rounding: 0

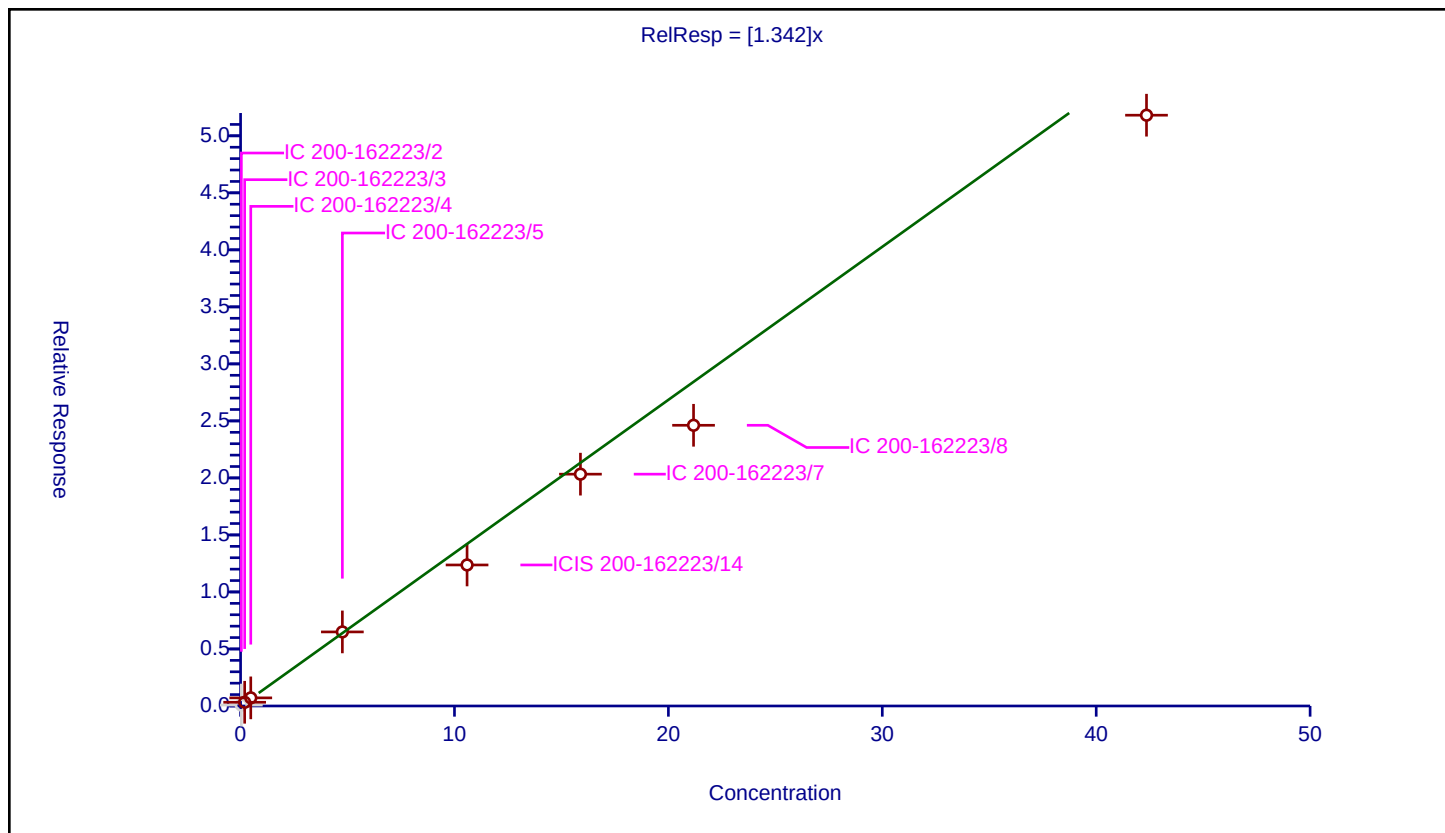
## Curve Coefficients

Intercept: 0  
Slope: 1.342

## Error Coefficients

Standard Error: 548000  
Relative Standard Error: 14.7  
Correlation Coefficient: 0.990  
Coefficient of Determination (Adjusted): 0.970

| ID | Level              | Concentration | Rel. Resp. | IS Amount | IS Response | RRF      | Used |
|----|--------------------|---------------|------------|-----------|-------------|----------|------|
| 1  | IC 200-162223/2    | 0.037146      | 0.080183   | 20.0      | 303308.0    | 2.15855  | N    |
| 2  | IC 200-162223/3    | 0.191039      | 0.325325   | 20.0      | 321217.0    | 1.702925 | Y    |
| 3  | IC 200-162223/4    | 0.476981      | 0.7132     | 20.0      | 321032.0    | 1.495236 | Y    |
| 4  | IC 200-162223/5    | 4.758412      | 6.494545   | 20.0      | 337126.0    | 1.364856 | Y    |
| 5  | ICIS 200-162223/14 | 10.587945     | 12.367475  | 20.0      | 518806.0    | 1.168071 | Y    |
| 6  | IC 200-162223/7    | 15.888767     | 20.330103  | 20.0      | 356858.0    | 1.279527 | Y    |
| 7  | IC 200-162223/8    | 21.175891     | 24.616895  | 20.0      | 402409.0    | 1.162496 | Y    |
| 8  | IC 200-162223/9    | 42.351782     | 51.808389  | 20.0      | 441332.0    | 1.223287 | Y    |



## Calibration

/ 1,1-Dichloroethane

Curve Type: Average  
Weighting: Conc\_Sq  
Origin: Force  
Dependency: Response  
Calib Mode: ISTD  
Response Base: AREA  
RF Rounding: 0

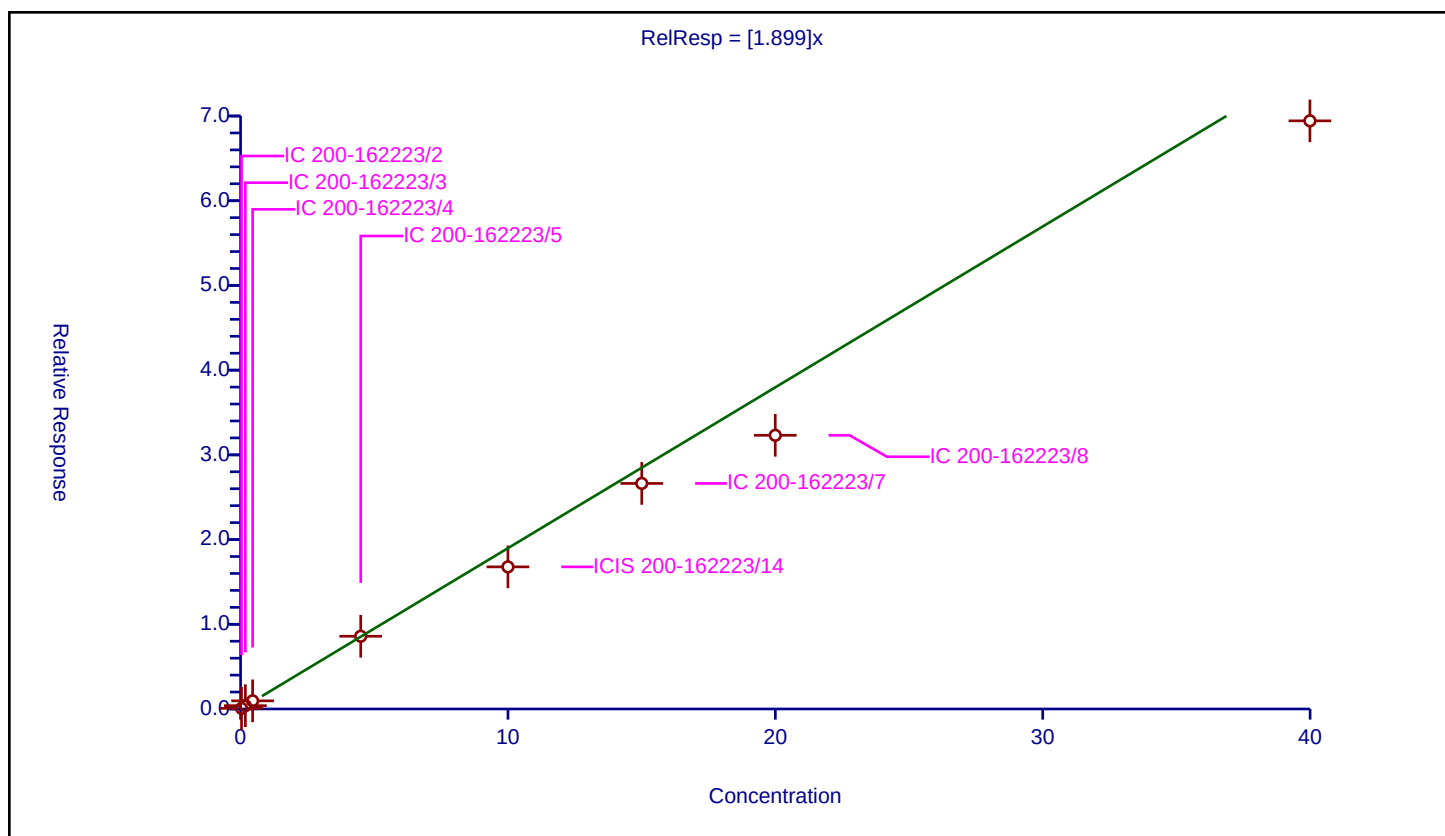
## Curve Coefficients

Intercept: 0  
Slope: 1.899

## Error Coefficients

Standard Error: 677000  
Relative Standard Error: 12.2  
Correlation Coefficient: 0.989  
Coefficient of Determination (Adjusted): 0.983

| ID | Level              | Concentration | Rel. Resp. | IS Amount | IS Response | RRF      | Used |
|----|--------------------|---------------|------------|-----------|-------------|----------|------|
| 1  | IC 200-162223/2    | 0.035077      | 0.075765   | 20.0      | 303308.0    | 2.159954 | Y    |
| 2  | IC 200-162223/3    | 0.180396      | 0.392819   | 20.0      | 321217.0    | 2.177538 | Y    |
| 3  | IC 200-162223/4    | 0.450407      | 0.962022   | 20.0      | 321032.0    | 2.135894 | Y    |
| 4  | IC 200-162223/5    | 4.493307      | 8.586997   | 20.0      | 337126.0    | 1.911064 | Y    |
| 5  | ICIS 200-162223/14 | 9.99806       | 16.775596  | 20.0      | 518806.0    | 1.677885 | Y    |
| 6  | IC 200-162223/7    | 15.003557     | 26.62751   | 20.0      | 356858.0    | 1.774747 | Y    |
| 7  | IC 200-162223/8    | 19.99612      | 32.309168  | 20.0      | 402409.0    | 1.615772 | Y    |
| 8  | IC 200-162223/9    | 39.99224      | 69.428865  | 20.0      | 441332.0    | 1.736058 | Y    |



## Calibration

/ Vinyl acetate

Curve Type: Average  
Weighting: Conc\_Sq  
Origin: Force  
Dependency: Response  
Calib Mode: ISTD  
Response Base: AREA  
RF Rounding: 0

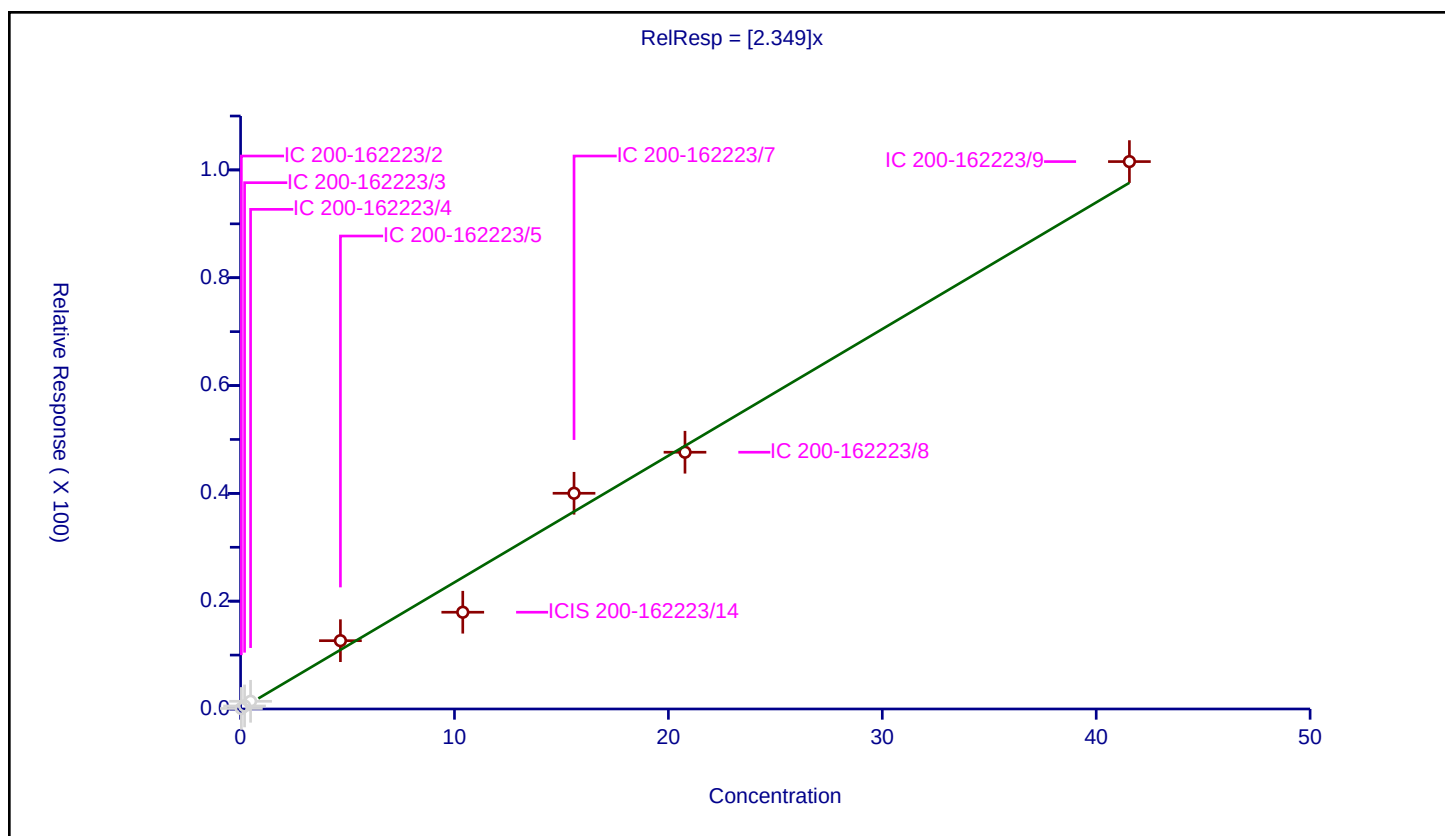
## Curve Coefficients

Intercept: 0  
Slope: 2.349

## Error Coefficients

Standard Error: 1300000  
Relative Standard Error: 16.2  
Correlation Coefficient: 0.994  
Coefficient of Determination (Adjusted): 0.938

| ID | Level              | Concentration | Rel. Resp. | IS Amount | IS Response | RRF      | Used |
|----|--------------------|---------------|------------|-----------|-------------|----------|------|
| 1  | IC 200-162223/2    | 0.036445      | 0.094821   | 20.0      | 303308.0    | 2.601763 | N    |
| 2  | IC 200-162223/3    | 0.187431      | 0.562361   | 20.0      | 321217.0    | 3.000362 | N    |
| 3  | IC 200-162223/4    | 0.467973      | 1.429079   | 20.0      | 321032.0    | 3.053762 | N    |
| 4  | IC 200-162223/5    | 4.668546      | 12.673303  | 20.0      | 337126.0    | 2.714615 | Y    |
| 5  | ICIS 200-162223/14 | 10.387984     | 17.948674  | 20.0      | 518806.0    | 1.72783  | Y    |
| 6  | IC 200-162223/7    | 15.588696     | 40.01715   | 20.0      | 356858.0    | 2.567062 | Y    |
| 7  | IC 200-162223/8    | 20.775968     | 47.632483  | 20.0      | 402409.0    | 2.292672 | Y    |
| 8  | IC 200-162223/9    | 41.551937     | 101.546863 | 20.0      | 441332.0    | 2.443854 | 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

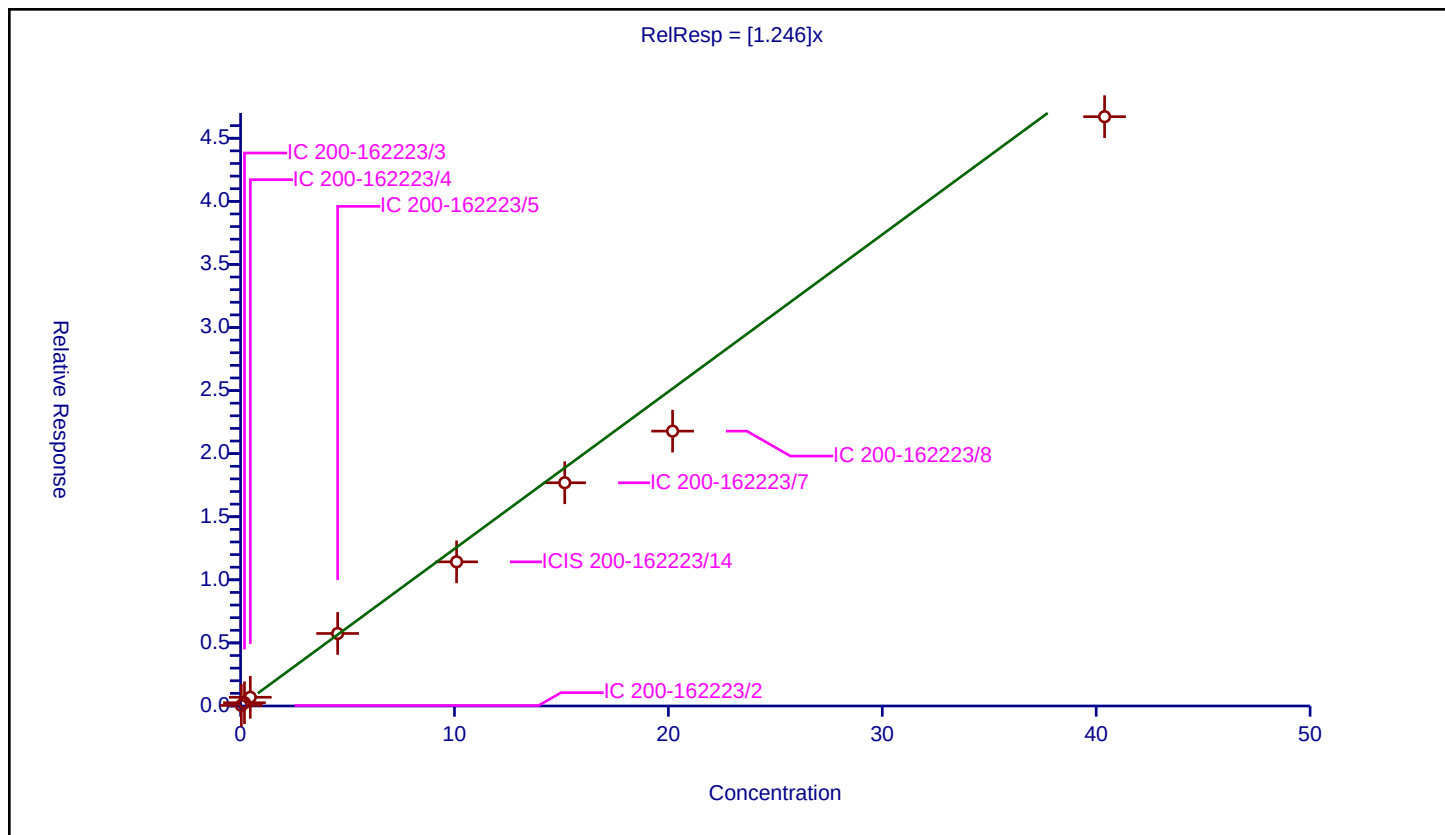
## Curve Coefficients

Intercept: 0  
Slope: 1.246

## Error Coefficients

Standard Error: 455000  
Relative Standard Error: 12.1  
Correlation Coefficient: 0.988  
Coefficient of Determination (Adjusted): 0.984

| ID | Level              | Concentration | Rel. Resp. | IS Amount | IS Response | RRF      | Used |
|----|--------------------|---------------|------------|-----------|-------------|----------|------|
| 1  | IC 200-162223/2    | 0.035428      | 0.04352    | 20.0      | 303308.0    | 1.22842  | Y    |
| 2  | IC 200-162223/3    | 0.1822        | 0.257645   | 20.0      | 321217.0    | 1.414081 | Y    |
| 3  | IC 200-162223/4    | 0.454911      | 0.692143   | 20.0      | 321032.0    | 1.521489 | Y    |
| 4  | IC 200-162223/5    | 4.53824       | 5.748652   | 20.0      | 337126.0    | 1.266714 | Y    |
| 5  | ICIS 200-162223/14 | 10.09804      | 11.42454   | 20.0      | 518806.0    | 1.131362 | Y    |
| 6  | IC 200-162223/7    | 15.153592     | 17.693761  | 20.0      | 356858.0    | 1.167628 | Y    |
| 7  | IC 200-162223/8    | 20.196081     | 21.786342  | 20.0      | 402409.0    | 1.078741 | Y    |
| 8  | IC 200-162223/9    | 40.392162     | 46.709869  | 20.0      | 441332.0    | 1.156409 | Y    |



## Calibration

/ 2-Butanone (MEK)

Curve Type: Average  
Weighting: Conc\_Sq  
Origin: Force  
Dependency: Response  
Calib Mode: ISTD  
Response Base: AREA  
RF Rounding: 0

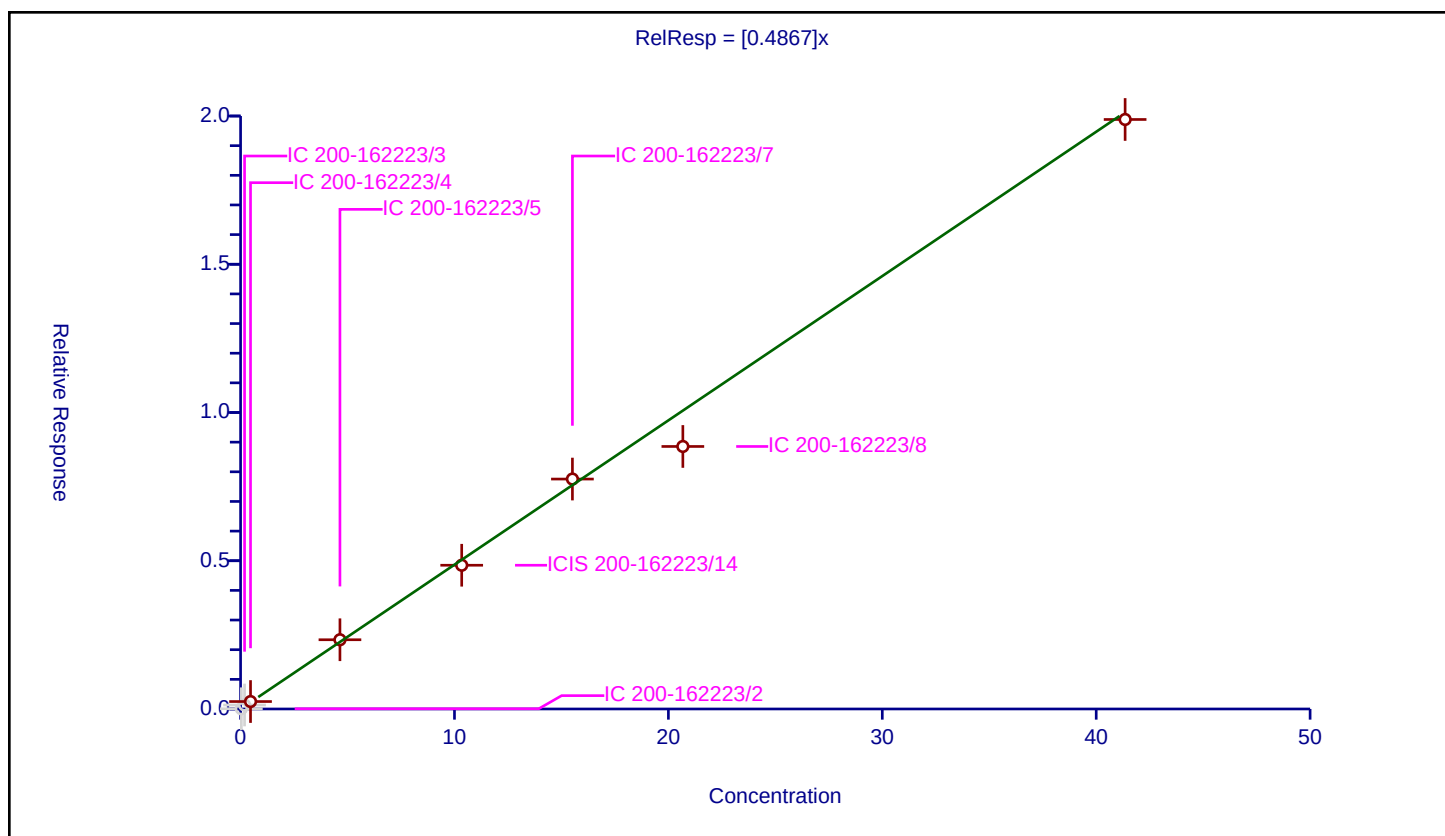
## Curve Coefficients

Intercept: 0  
Slope: 0.4867

## Error Coefficients

Standard Error: 228000  
Relative Standard Error: 7.7  
Correlation Coefficient: 0.982  
Coefficient of Determination (Adjusted): 0.993

| ID | Level              | Concentration | Rel. Resp. | IS Amount | IS Response | RRF      | Used |
|----|--------------------|---------------|------------|-----------|-------------|----------|------|
| 1  | IC 200-162223/2    | 0.03627       | 0.007781   | 20.0      | 303308.0    | 0.214529 | N    |
| 2  | IC 200-162223/3    | 0.186529      | 0.134738   | 20.0      | 321217.0    | 0.722341 | N    |
| 3  | IC 200-162223/4    | 0.465721      | 0.251377   | 20.0      | 321032.0    | 0.539758 | Y    |
| 4  | IC 200-162223/5    | 4.646079      | 2.335151   | 20.0      | 337126.0    | 0.502607 | Y    |
| 5  | ICIS 200-162223/14 | 10.337994     | 4.848595   | 20.0      | 518806.0    | 0.469007 | Y    |
| 6  | IC 200-162223/7    | 15.513678     | 7.755073   | 20.0      | 356858.0    | 0.499886 | Y    |
| 7  | IC 200-162223/8    | 20.675988     | 8.854524   | 20.0      | 402409.0    | 0.428252 | Y    |
| 8  | IC 200-162223/9    | 41.351976     | 19.883081  | 20.0      | 441332.0    | 0.480825 | Y    |



# Calibration

/ Ethyl acetate

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

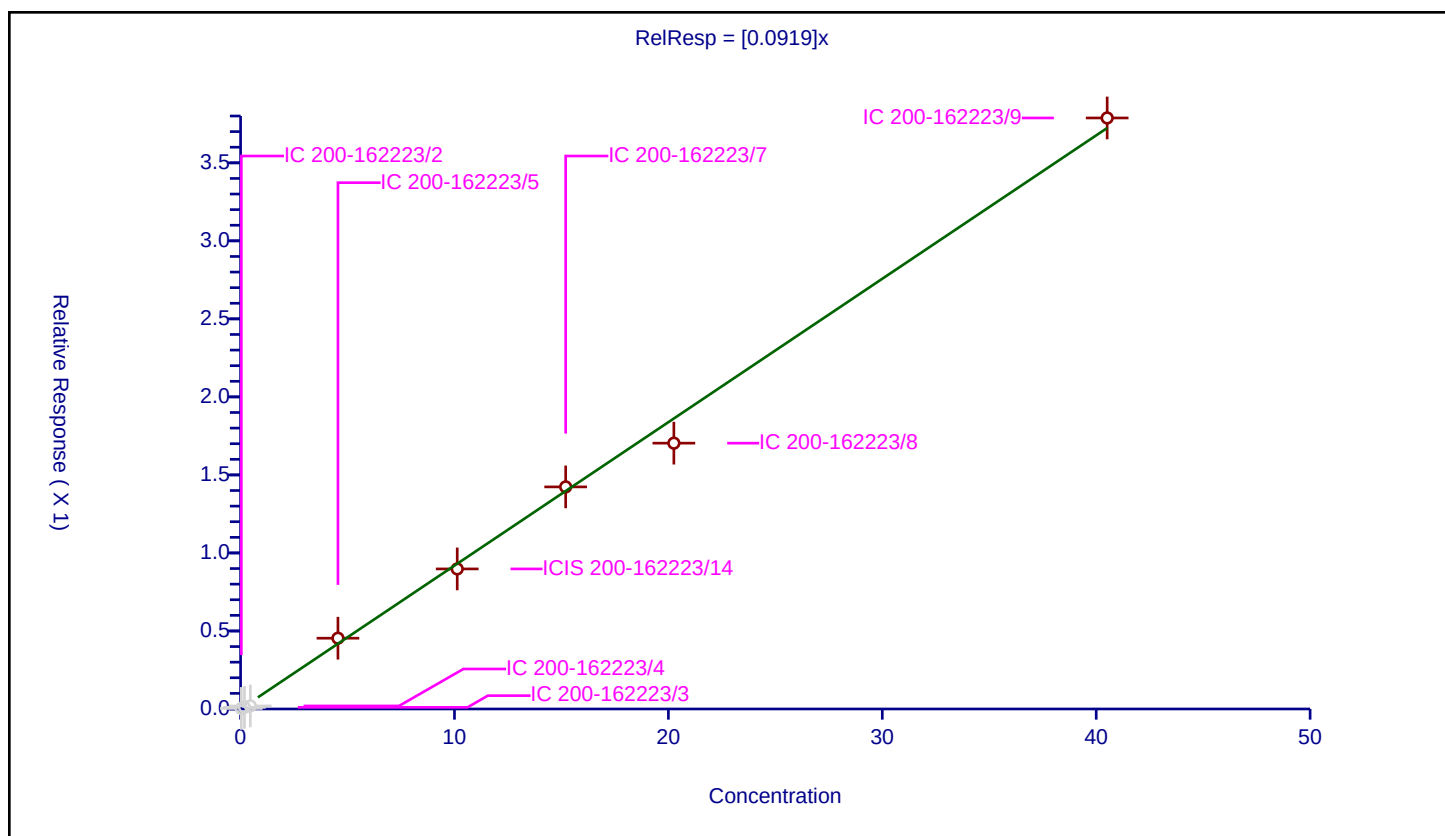
## Curve Coefficients

Intercept: 0  
 Slope: 0.0919

## Error Coefficients

Standard Error: 48500  
 Relative Standard Error: 6.4  
 Correlation Coefficient: 0.980  
 Coefficient of Determination (Adjusted): 0.990

| ID | Level              | Concentration | Rel. Resp. | IS Amount | IS Response | RRF      | Used |
|----|--------------------|---------------|------------|-----------|-------------|----------|------|
| 1  | IC 200-162223/2    | 0.035533      | 0.003495   | 20.0      | 303308.0    | 0.098354 | N    |
| 2  | IC 200-162223/3    | 0.182741      | 0.010709   | 20.0      | 321217.0    | 0.058604 | N    |
| 3  | IC 200-162223/4    | 0.456263      | 0.019624   | 20.0      | 321032.0    | 0.043011 | N    |
| 4  | IC 200-162223/5    | 4.55172       | 0.453599   | 20.0      | 337126.0    | 0.099654 | Y    |
| 5  | ICIS 200-162223/14 | 10.128035     | 0.897522   | 20.0      | 518806.0    | 0.088618 | Y    |
| 6  | IC 200-162223/7    | 15.198603     | 1.423255   | 20.0      | 356858.0    | 0.093644 | Y    |
| 7  | IC 200-162223/8    | 20.256069     | 1.703491   | 20.0      | 402409.0    | 0.084098 | Y    |
| 8  | IC 200-162223/9    | 40.512139     | 3.787489   | 20.0      | 441332.0    | 0.09349  | Y    |



## Calibration

/ Tetrahydrofuran

Curve Type: Average  
Weighting: Conc\_Sq  
Origin: Force  
Dependency: Response  
Calib Mode: ISTD  
Response Base: AREA  
RF Rounding: 0

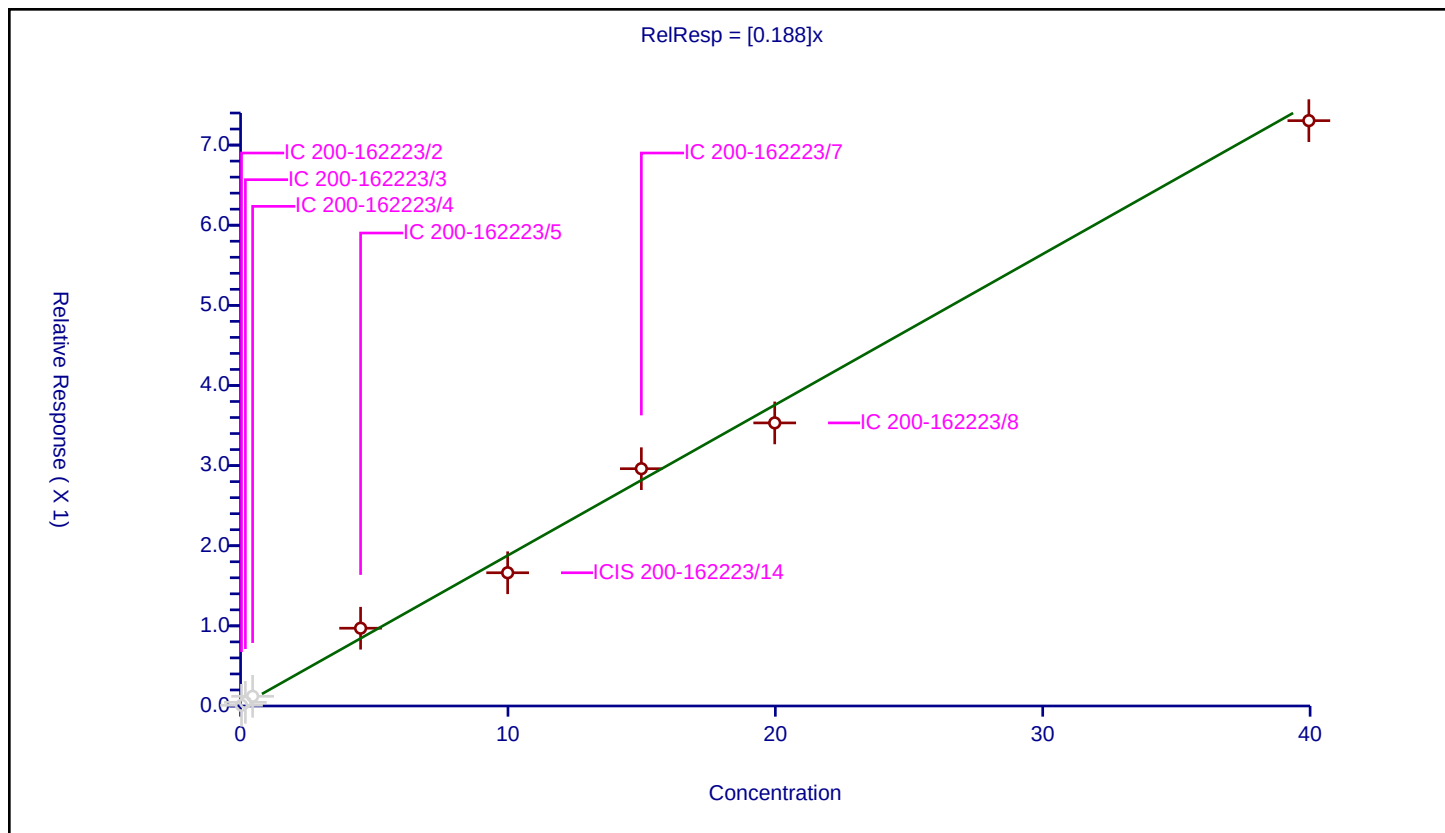
## Curve Coefficients

Intercept: 0  
Slope: 0.188

## Error Coefficients

Standard Error: 544000  
Relative Standard Error: 10.3  
Correlation Coefficient: 0.990  
Coefficient of Determination (Adjusted): 0.972

| ID | Level              | Concentration | Rel. Resp. | IS Amount | IS Response | RRF      | Used |
|----|--------------------|---------------|------------|-----------|-------------|----------|------|
| 1  | IC 200-162223/2    | 0.035042      | 0.008416   | 20.0      | 1727577.0   | 0.240182 | N    |
| 2  | IC 200-162223/3    | 0.180215      | 0.045387   | 20.0      | 1798734.0   | 0.251851 | N    |
| 3  | IC 200-162223/4    | 0.449957      | 0.121066   | 20.0      | 1851721.0   | 0.269061 | N    |
| 4  | IC 200-162223/5    | 4.488813      | 0.970542   | 20.0      | 1920474.0   | 0.216213 | Y    |
| 5  | ICIS 200-162223/14 | 9.988062      | 1.662635   | 20.0      | 2994776.0   | 0.166462 | Y    |
| 6  | IC 200-162223/7    | 14.988553     | 2.961381   | 20.0      | 2079638.0   | 0.197576 | Y    |
| 7  | IC 200-162223/8    | 19.976124     | 3.532557   | 20.0      | 2280818.0   | 0.176839 | Y    |
| 8  | IC 200-162223/9    | 39.952247     | 7.304969   | 20.0      | 2535600.0   | 0.182843 | Y    |





## Calibration

/ Chloroform

Curve Type: Average  
Weighting: Conc\_Sq  
Origin: Force  
Dependency: Response  
Calib Mode: ISTD  
Response Base: AREA  
RF Rounding: 0

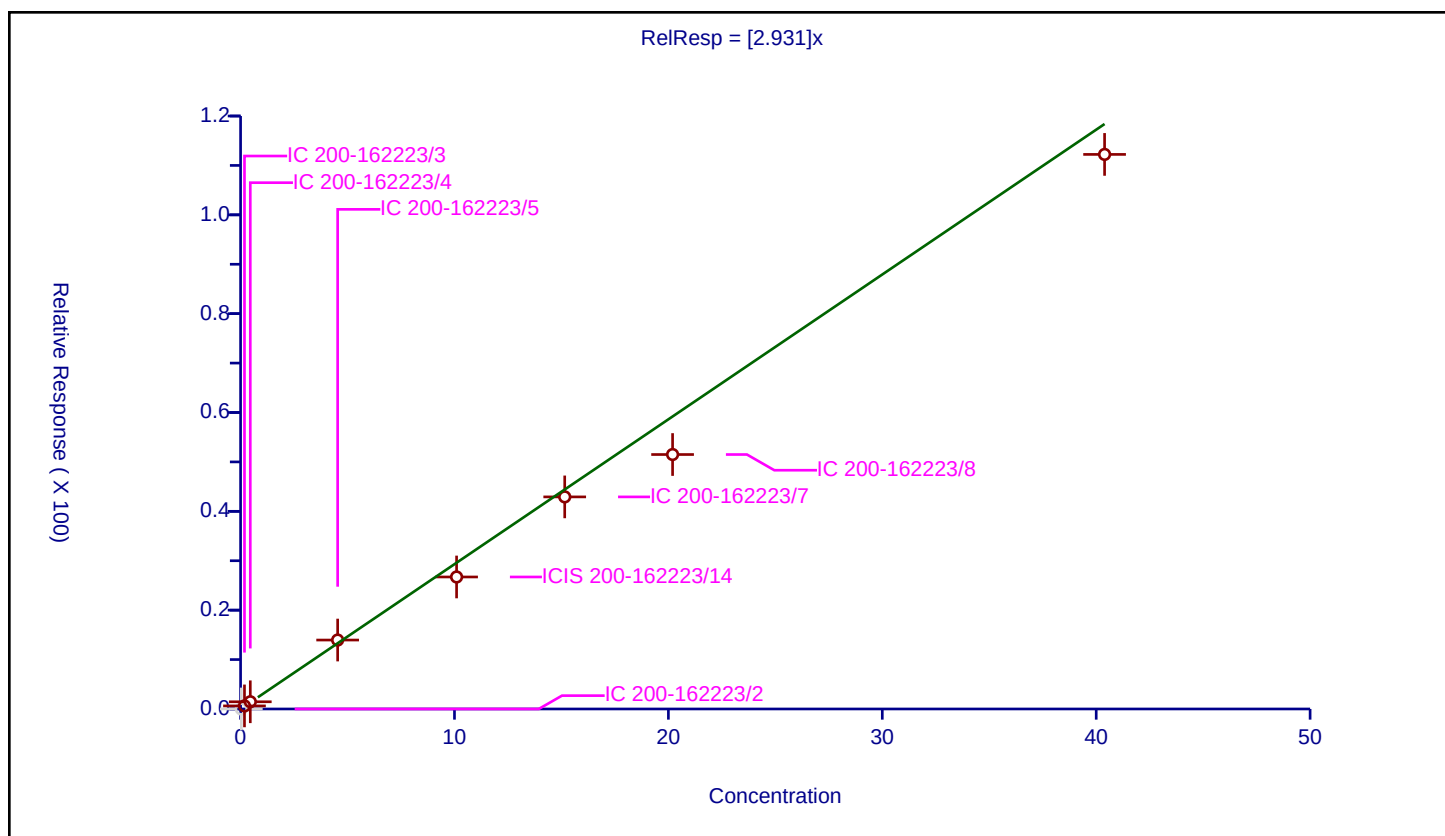
## Curve Coefficients

Intercept: 0  
Slope: 2.931

## Error Coefficients

Standard Error: 1180000  
Relative Standard Error: 10.8  
Correlation Coefficient: 0.987  
Coefficient of Determination (Adjusted): 0.985

| ID | Level              | Concentration | Rel. Resp. | IS Amount | IS Response | RRF      | Used |
|----|--------------------|---------------|------------|-----------|-------------|----------|------|
| 1  | IC 200-162223/2    | 0.035428      | 0.0        | 20.0      | 303308.0    | 0.0      | N    |
| 2  | IC 200-162223/3    | 0.1822        | 0.623192   | 20.0      | 321217.0    | 3.420382 | Y    |
| 3  | IC 200-162223/4    | 0.454911      | 1.46216    | 20.0      | 321032.0    | 3.214163 | Y    |
| 4  | IC 200-162223/5    | 4.53824       | 13.954605  | 20.0      | 337126.0    | 3.074894 | Y    |
| 5  | ICIS 200-162223/14 | 10.09804      | 26.715689  | 20.0      | 518806.0    | 2.645631 | Y    |
| 6  | IC 200-162223/7    | 15.153592     | 42.923067  | 20.0      | 356858.0    | 2.832534 | Y    |
| 7  | IC 200-162223/8    | 20.196081     | 51.4985    | 20.0      | 402409.0    | 2.549925 | Y    |
| 8  | IC 200-162223/9    | 40.392162     | 112.227303 | 20.0      | 441332.0    | 2.778443 | 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

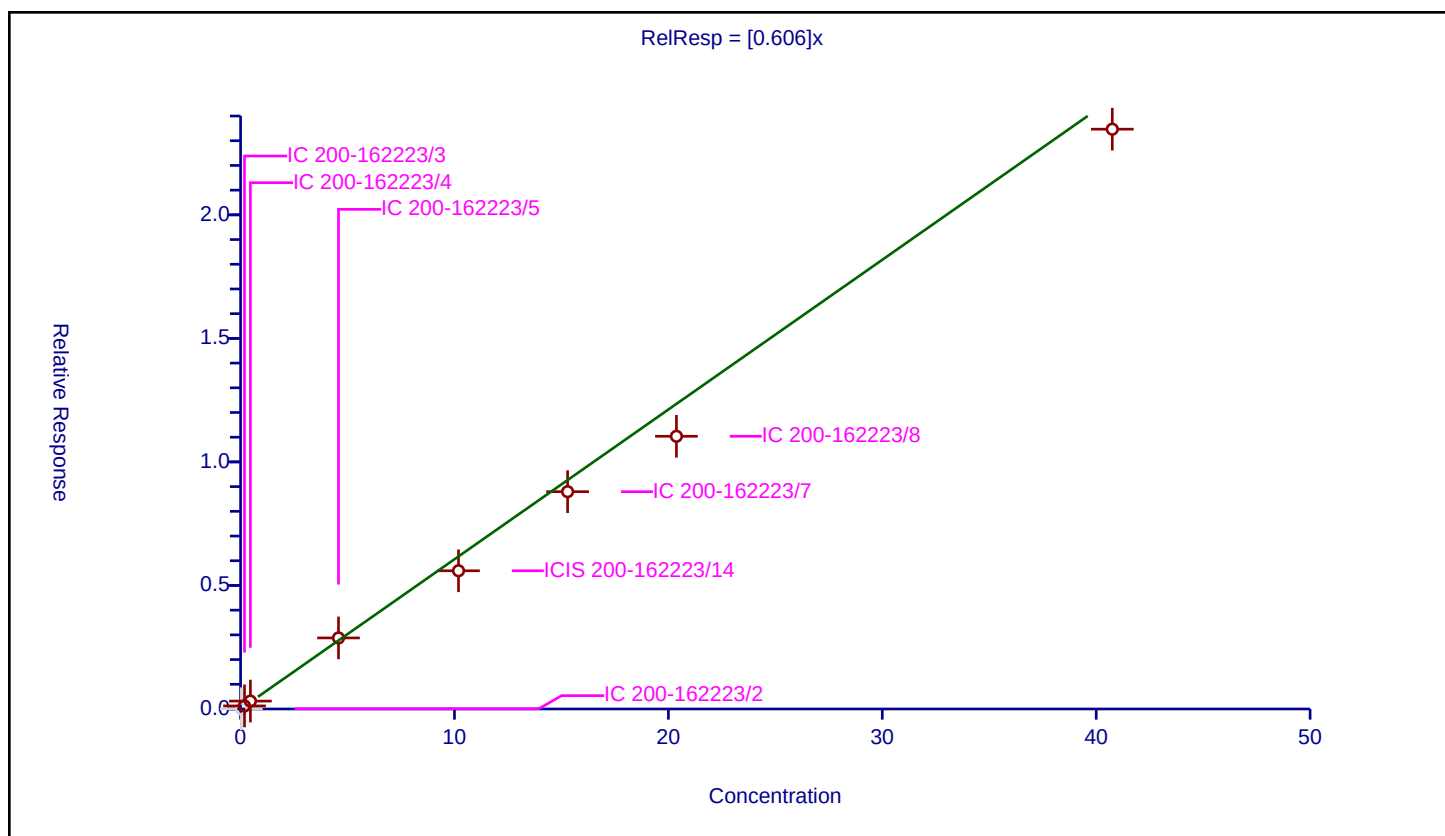
## Curve Coefficients

Intercept: 0  
Slope: 0.606

## Error Coefficients

Standard Error: 1420000  
Relative Standard Error: 10.2  
Correlation Coefficient: 0.988  
Coefficient of Determination (Adjusted): 0.987

| ID | Level              | Concentration | Rel. Resp. | IS Amount | IS Response | RRF      | Used |
|----|--------------------|---------------|------------|-----------|-------------|----------|------|
| 1  | IC 200-162223/2    | 0.035743      | 0.008972   | 20.0      | 1727577.0   | 0.251014 | N    |
| 2  | IC 200-162223/3    | 0.183823      | 0.124121   | 20.0      | 1798734.0   | 0.675217 | Y    |
| 3  | IC 200-162223/4    | 0.458965      | 0.319897   | 20.0      | 1851721.0   | 0.696996 | Y    |
| 4  | IC 200-162223/5    | 4.578679      | 2.875405   | 20.0      | 1920474.0   | 0.627999 | Y    |
| 5  | ICIS 200-162223/14 | 10.188023     | 5.594615   | 20.0      | 2994776.0   | 0.549137 | Y    |
| 6  | IC 200-162223/7    | 15.288624     | 8.796021   | 20.0      | 2079638.0   | 0.575331 | Y    |
| 7  | IC 200-162223/8    | 20.376046     | 11.037812  | 20.0      | 2280818.0   | 0.541705 | Y    |
| 8  | IC 200-162223/9    | 40.752092     | 23.466509  | 20.0      | 2535600.0   | 0.575836 | Y    |



## Calibration

/ Cyclohexane

Curve Type: Average  
Weighting: Conc\_Sq  
Origin: Force  
Dependency: Response  
Calib Mode: ISTD  
Response Base: AREA  
RF Rounding: 0

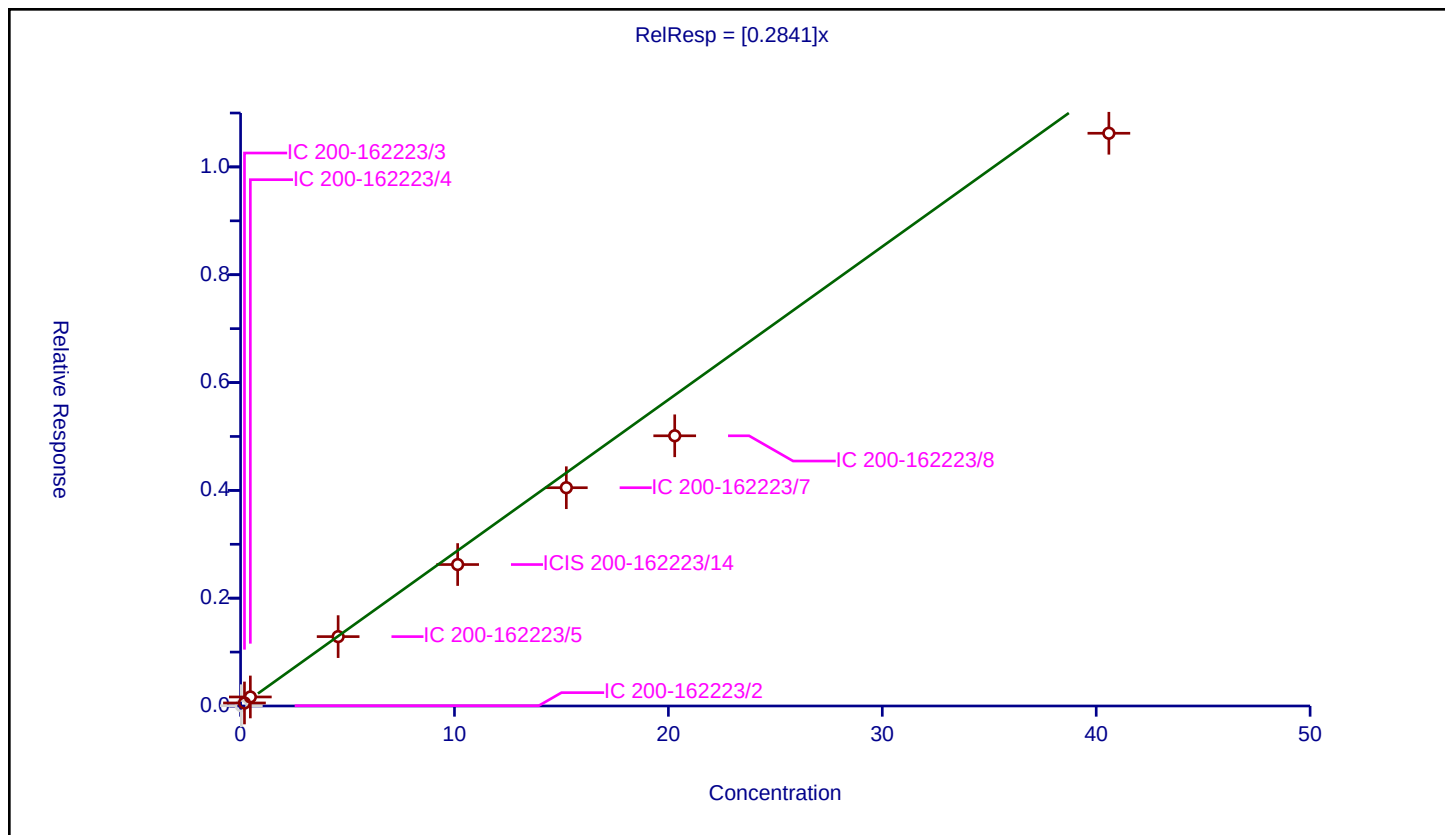
## Curve Coefficients

Intercept: 0  
Slope: 0.2841

## Error Coefficients

Standard Error: 644000  
Relative Standard Error: 14.5  
Correlation Coefficient: 0.987  
Coefficient of Determination (Adjusted): 0.973

| ID | Level              | Concentration | Rel. Resp. | IS Amount | IS Response | RRF      | Used |
|----|--------------------|---------------|------------|-----------|-------------|----------|------|
| 1  | IC 200-162223/2    | 0.035603      | 0.005325   | 20.0      | 1727577.0   | 0.149576 | N    |
| 2  | IC 200-162223/3    | 0.183102      | 0.056151   | 20.0      | 1798734.0   | 0.306664 | Y    |
| 3  | IC 200-162223/4    | 0.457163      | 0.167574   | 20.0      | 1851721.0   | 0.366551 | Y    |
| 4  | IC 200-162223/5    | 4.560706      | 1.286964   | 20.0      | 1920474.0   | 0.282185 | Y    |
| 5  | ICIS 200-162223/14 | 10.148031     | 2.624076   | 20.0      | 2994776.0   | 0.25858  | Y    |
| 6  | IC 200-162223/7    | 15.22861      | 4.049253   | 20.0      | 2079638.0   | 0.265898 | Y    |
| 7  | IC 200-162223/8    | 20.296062     | 5.012535   | 20.0      | 2280818.0   | 0.246971 | Y    |
| 8  | IC 200-162223/9    | 40.592123     | 10.624602  | 20.0      | 2535600.0   | 0.26174  | Y    |



# Calibration

/ Carbon tetrachloride

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

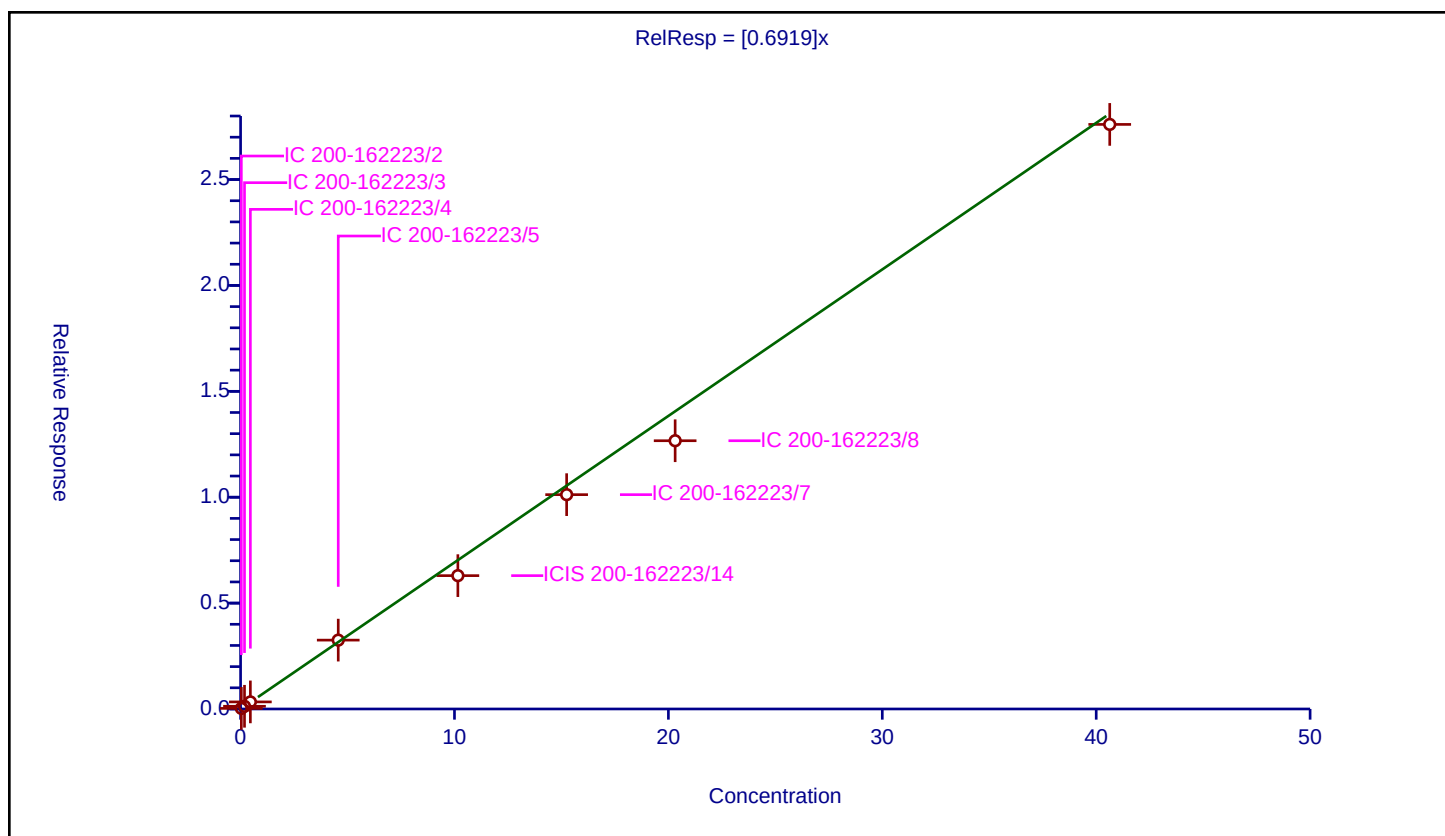
## Curve Coefficients

Intercept: 0  
 Slope: 0.6919

## Error Coefficients

Standard Error: 1530000  
 Relative Standard Error: 9.0  
 Correlation Coefficient: 0.988  
 Coefficient of Determination (Adjusted): 0.991

| ID | Level              | Concentration | Rel. Resp. | IS Amount | IS Response | RRF      | Used |
|----|--------------------|---------------|------------|-----------|-------------|----------|------|
| 1  | IC 200-162223/2    | 0.035638      | 0.028931   | 20.0      | 1727577.0   | 0.811789 | Y    |
| 2  | IC 200-162223/3    | 0.183282      | 0.127301   | 20.0      | 1798734.0   | 0.694562 | Y    |
| 3  | IC 200-162223/4    | 0.457614      | 0.333927   | 20.0      | 1851721.0   | 0.729714 | Y    |
| 4  | IC 200-162223/5    | 4.5652        | 3.251468   | 20.0      | 1920474.0   | 0.712229 | Y    |
| 5  | ICIS 200-162223/14 | 10.158029     | 6.296978   | 20.0      | 2994776.0   | 0.619902 | Y    |
| 6  | IC 200-162223/7    | 15.243614     | 10.120175  | 20.0      | 2079638.0   | 0.663896 | Y    |
| 7  | IC 200-162223/8    | 20.316058     | 12.666298  | 20.0      | 2280818.0   | 0.623462 | Y    |
| 8  | IC 200-162223/9    | 40.632115     | 27.603628  | 20.0      | 2535600.0   | 0.679355 | Y    |



## Calibration

/ Benzene

Curve Type: Average  
Weighting: Conc\_Sq  
Origin: Force  
Dependency: Response  
Calib Mode: ISTD  
Response Base: AREA  
RF Rounding: 0

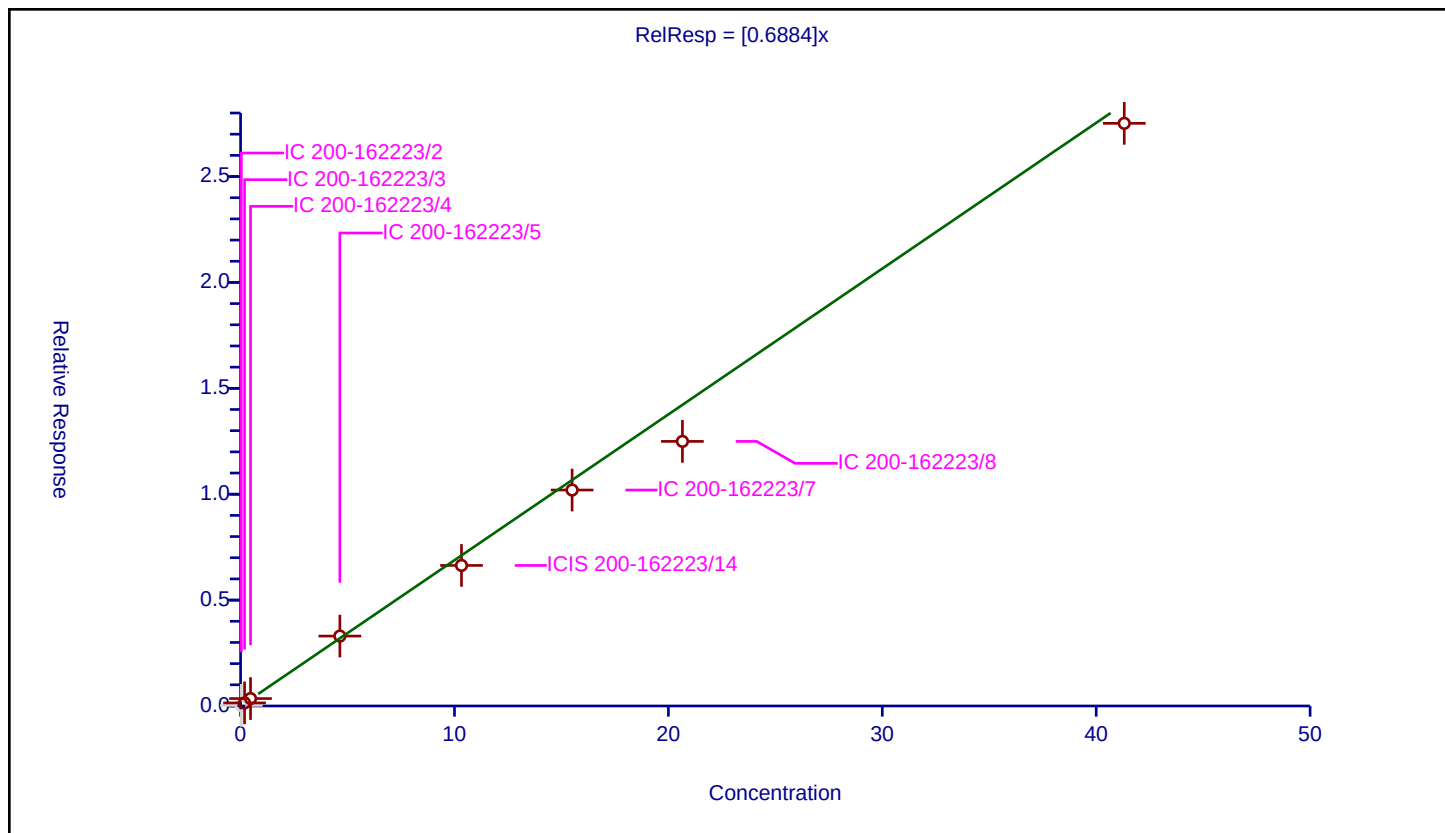
## Curve Coefficients

Intercept: 0  
Slope: 0.6884

## Error Coefficients

Standard Error: 1650000  
Relative Standard Error: 9.2  
Correlation Coefficient: 0.984  
Coefficient of Determination (Adjusted): 0.989

| ID | Level              | Concentration | Rel. Resp. | IS Amount | IS Response | RRF      | Used |
|----|--------------------|---------------|------------|-----------|-------------|----------|------|
| 1  | IC 200-162223/2    | 0.036234      | 0.028954   | 20.0      | 1727577.0   | 0.799069 | N    |
| 2  | IC 200-162223/3    | 0.186349      | 0.145914   | 20.0      | 1798734.0   | 0.783014 | Y    |
| 3  | IC 200-162223/4    | 0.465271      | 0.350409   | 20.0      | 1851721.0   | 0.75313  | Y    |
| 4  | IC 200-162223/5    | 4.641586      | 3.301227   | 20.0      | 1920474.0   | 0.711228 | Y    |
| 5  | ICIS 200-162223/14 | 10.327996     | 6.636643   | 20.0      | 2994776.0   | 0.642588 | Y    |
| 6  | IC 200-162223/7    | 15.498674     | 10.196957  | 20.0      | 2079638.0   | 0.657924 | Y    |
| 7  | IC 200-162223/8    | 20.655992     | 12.493904  | 20.0      | 2280818.0   | 0.604856 | Y    |
| 8  | IC 200-162223/9    | 41.311983     | 27.512068  | 20.0      | 2535600.0   | 0.665959 | Y    |



# Calibration

/ Isooctane

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

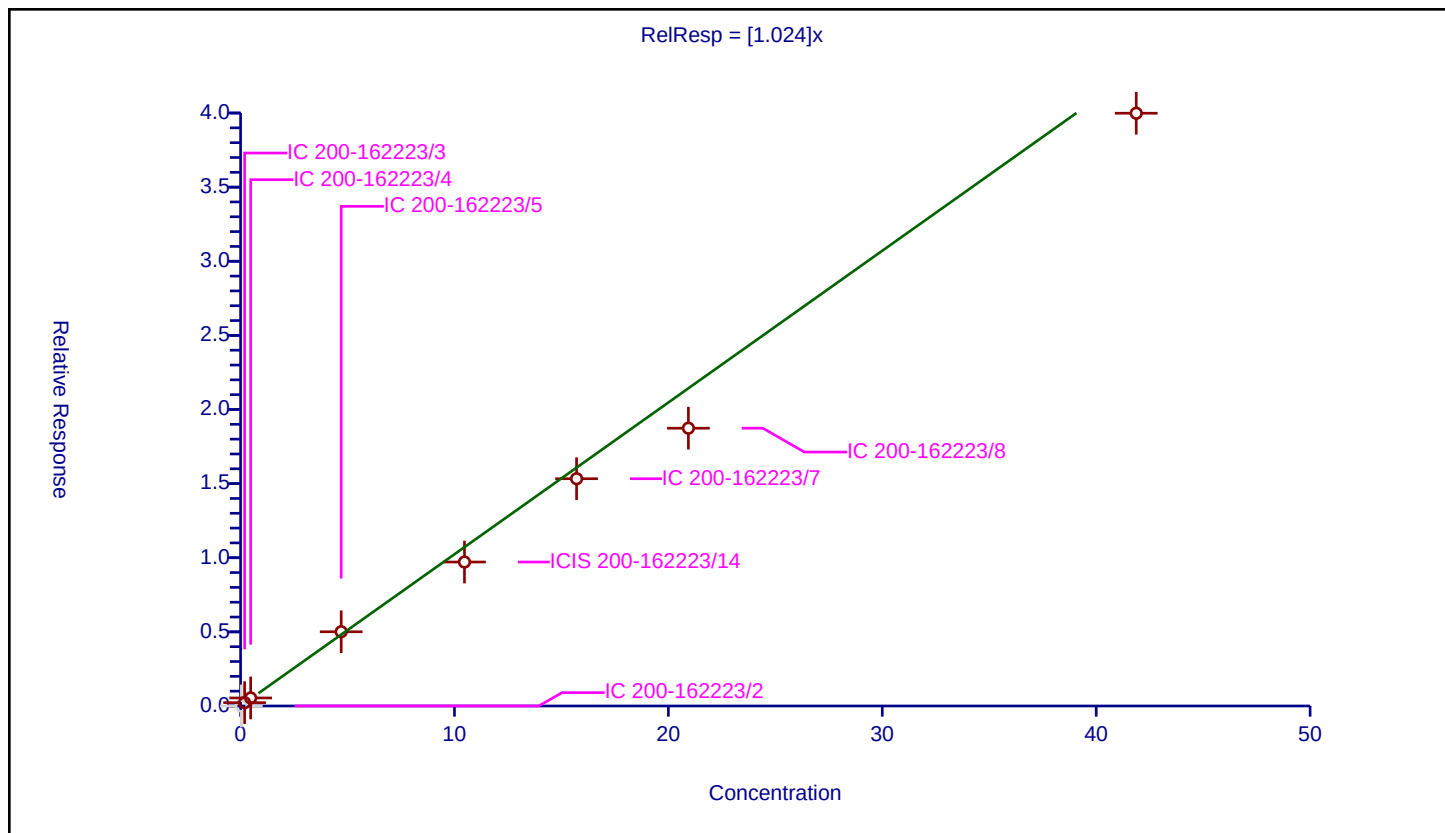
## Curve Coefficients

Intercept: 0  
 Slope: 1.024

## Error Coefficients

Standard Error: 2420000  
 Relative Standard Error: 11.3  
 Correlation Coefficient: 0.987  
 Coefficient of Determination (Adjusted): 0.983

| ID | Level              | Concentration | Rel. Resp. | IS Amount | IS Response | RRF      | Used |
|----|--------------------|---------------|------------|-----------|-------------|----------|------|
| 1  | IC 200-162223/2    | 0.036726      | 0.0        | 20.0      | 1727577.0   | 0.0      | N    |
| 2  | IC 200-162223/3    | 0.188874      | 0.226248   | 20.0      | 1798734.0   | 1.197876 | Y    |
| 3  | IC 200-162223/4    | 0.471576      | 0.542112   | 20.0      | 1851721.0   | 1.149574 | Y    |
| 4  | IC 200-162223/5    | 4.704492      | 5.007639   | 20.0      | 1920474.0   | 1.064438 | Y    |
| 5  | ICIS 200-162223/14 | 10.467969     | 9.710843   | 20.0      | 2994776.0   | 0.927672 | Y    |
| 6  | IC 200-162223/7    | 15.708724     | 15.330466  | 20.0      | 2079638.0   | 0.975921 | Y    |
| 7  | IC 200-162223/8    | 20.935937     | 18.739566  | 20.0      | 2280818.0   | 0.895091 | Y    |
| 8  | IC 200-162223/9    | 41.871875     | 39.984698  | 20.0      | 2535600.0   | 0.95493  | Y    |



# Calibration

/ 1,2-Dichloroethane

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

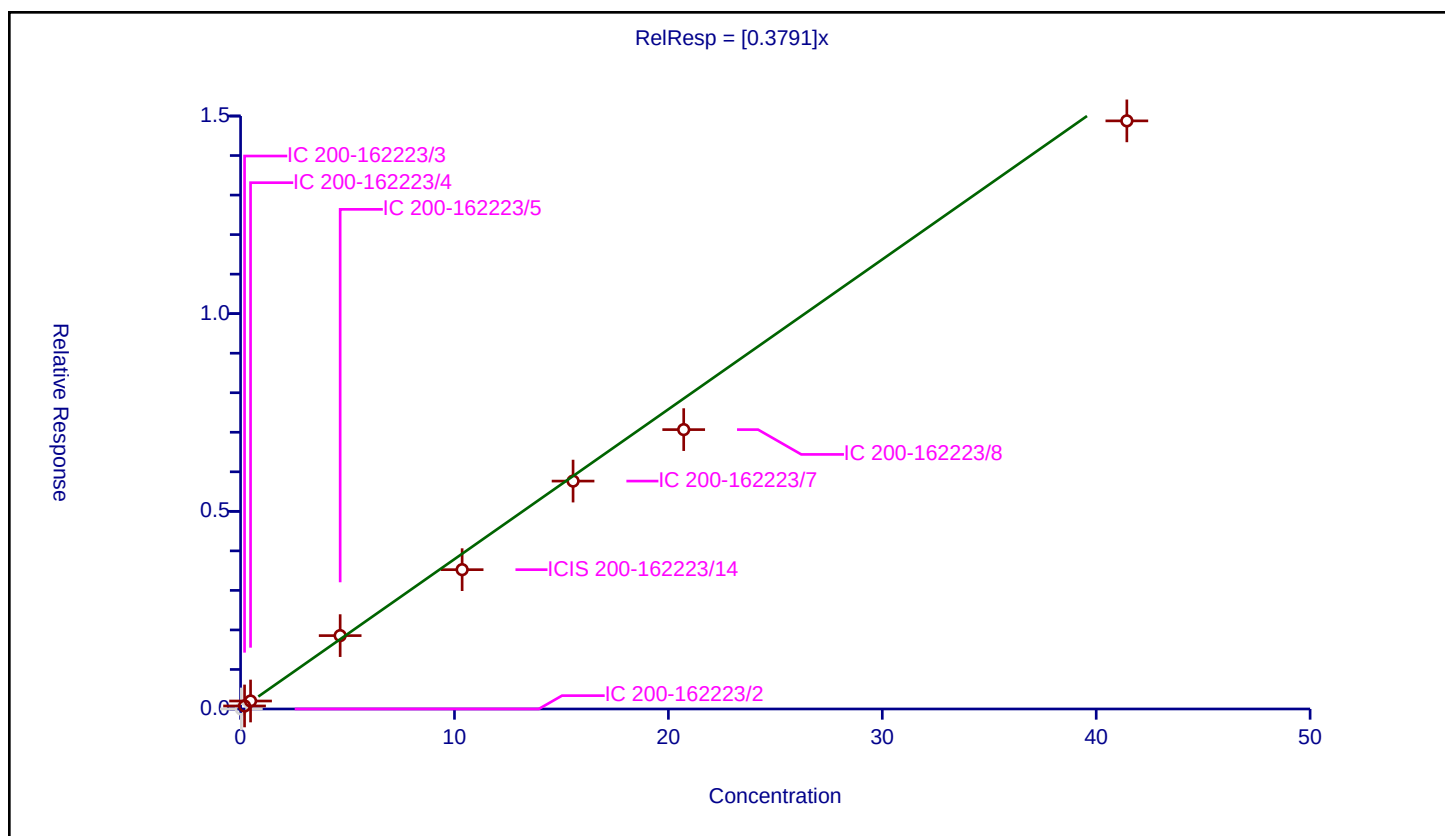
## Curve Coefficients

Intercept: 0  
 Slope: 0.3791

## Error Coefficients

Standard Error: 902000  
 Relative Standard Error: 9.4  
 Correlation Coefficient: 0.990  
 Coefficient of Determination (Adjusted): 0.989

| ID | Level              | Concentration | Rel. Resp. | IS Amount | IS Response | RRF      | Used |
|----|--------------------|---------------|------------|-----------|-------------|----------|------|
| 1  | IC 200-162223/2    | 0.03634       | 0.0        | 20.0      | 1727577.0   | 0.0      | N    |
| 2  | IC 200-162223/3    | 0.18689       | 0.076787   | 20.0      | 1798734.0   | 0.410869 | Y    |
| 3  | IC 200-162223/4    | 0.466622      | 0.201834   | 20.0      | 1851721.0   | 0.432543 | Y    |
| 4  | IC 200-162223/5    | 4.655066      | 1.855823   | 20.0      | 1920474.0   | 0.398667 | Y    |
| 5  | ICIS 200-162223/14 | 10.35799      | 3.524571   | 20.0      | 2994776.0   | 0.340276 | Y    |
| 6  | IC 200-162223/7    | 15.543685     | 5.765359   | 20.0      | 2079638.0   | 0.370913 | Y    |
| 7  | IC 200-162223/8    | 20.71598      | 7.067184   | 20.0      | 2280818.0   | 0.341146 | Y    |
| 8  | IC 200-162223/9    | 41.43196      | 14.877465  | 20.0      | 2535600.0   | 0.359082 | Y    |



## Calibration

/ n-Heptane

Curve Type: Average  
Weighting: Conc\_Sq  
Origin: Force  
Dependency: Response  
Calib Mode: ISTD  
Response Base: AREA  
RF Rounding: 0

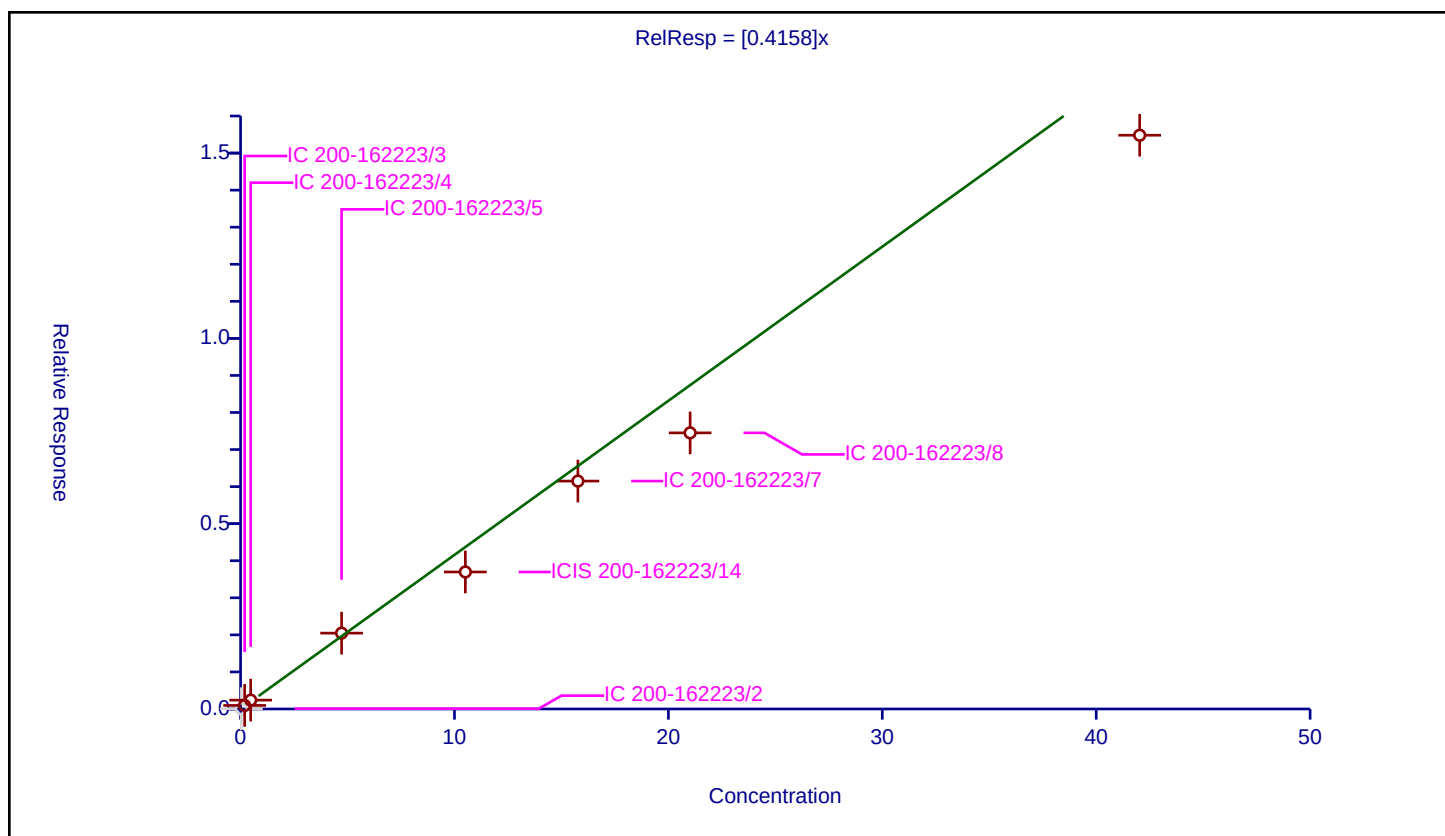
## Curve Coefficients

Intercept: 0  
Slope: 0.4158

## Error Coefficients

Standard Error: 942000  
Relative Standard Error: 16.3  
Correlation Coefficient: 0.991  
Coefficient of Determination (Adjusted): 0.964

| ID | Level              | Concentration | Rel. Resp. | IS Amount | IS Response | RRF      | Used |
|----|--------------------|---------------|------------|-----------|-------------|----------|------|
| 1  | IC 200-162223/2    | 0.036866      | 0.008115   | 20.0      | 1727577.0   | 0.220134 | N    |
| 2  | IC 200-162223/3    | 0.189596      | 0.096234   | 20.0      | 1798734.0   | 0.507576 | Y    |
| 3  | IC 200-162223/4    | 0.473378      | 0.239021   | 20.0      | 1851721.0   | 0.504926 | Y    |
| 4  | IC 200-162223/5    | 4.722465      | 2.046651   | 20.0      | 1920474.0   | 0.433386 | Y    |
| 5  | ICIS 200-162223/14 | 10.507961     | 3.697539   | 20.0      | 2994776.0   | 0.35188  | Y    |
| 6  | IC 200-162223/7    | 15.768738     | 6.149589   | 20.0      | 2079638.0   | 0.389986 | Y    |
| 7  | IC 200-162223/8    | 21.015922     | 7.45038    | 20.0      | 2280818.0   | 0.354511 | Y    |
| 8  | IC 200-162223/9    | 42.031844     | 15.481393  | 20.0      | 2535600.0   | 0.368325 | Y    |





## Calibration

/ Trichloroethene

Curve Type: Average  
Weighting: Conc\_Sq  
Origin: Force  
Dependency: Response  
Calib Mode: ISTD  
Response Base: AREA  
RF Rounding: 0

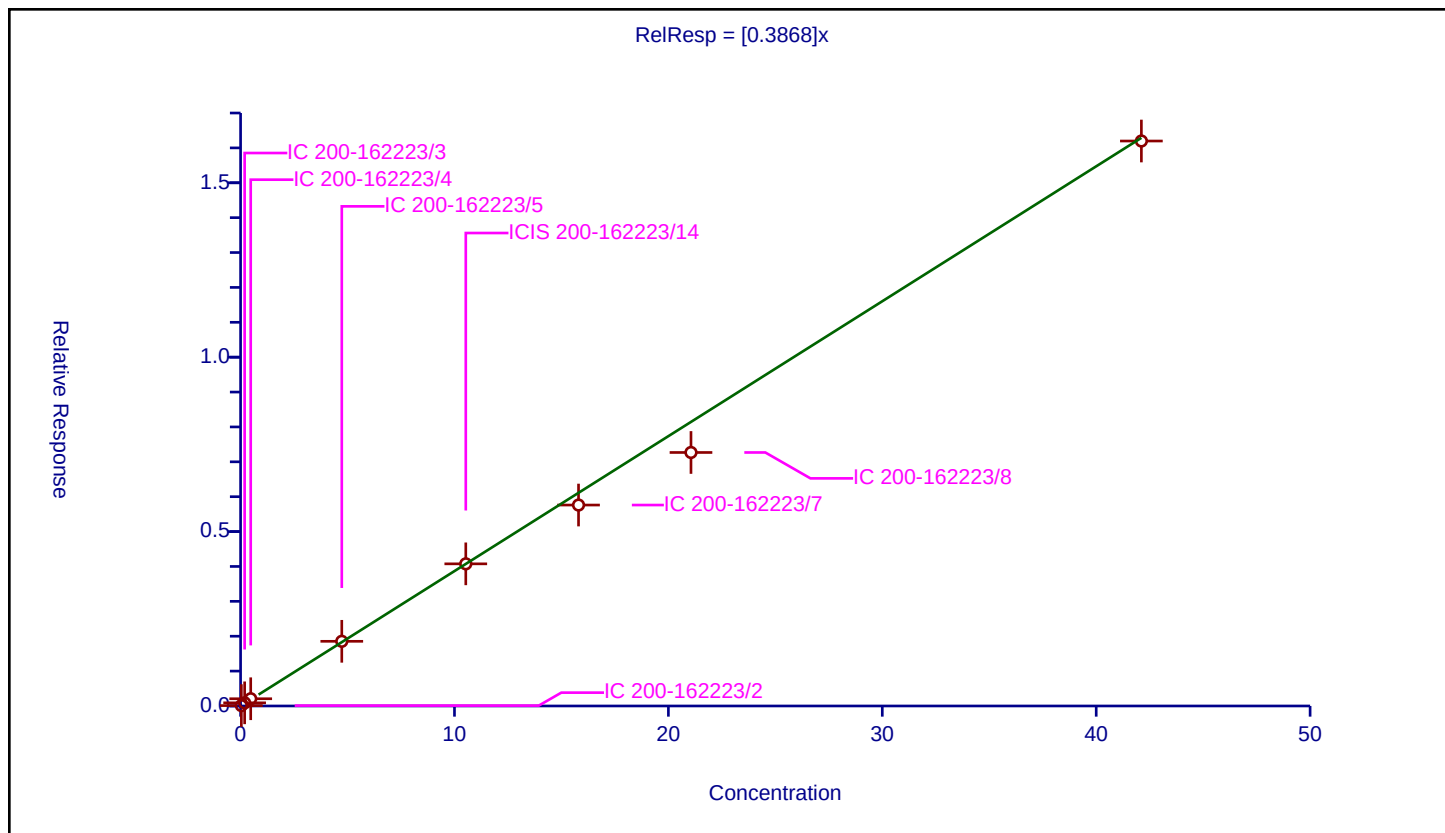
## Curve Coefficients

Intercept: 0  
Slope: 0.3868

## Error Coefficients

Standard Error: 900000  
Relative Standard Error: 13.5  
Correlation Coefficient: 0.981  
Coefficient of Determination (Adjusted): 0.981

| ID | Level              | Concentration | Rel. Resp. | IS Amount | IS Response | RRF      | Used |
|----|--------------------|---------------|------------|-----------|-------------|----------|------|
| 1  | IC 200-162223/2    | 0.036936      | 0.011345   | 20.0      | 1727577.0   | 0.307163 | Y    |
| 2  | IC 200-162223/3    | 0.189957      | 0.090341   | 20.0      | 1798734.0   | 0.475589 | Y    |
| 3  | IC 200-162223/4    | 0.474279      | 0.207763   | 20.0      | 1851721.0   | 0.438062 | Y    |
| 4  | IC 200-162223/5    | 4.731452      | 1.854334   | 20.0      | 1920474.0   | 0.391916 | Y    |
| 5  | ICIS 200-162223/14 | 10.527957     | 4.07519    | 20.0      | 2994776.0   | 0.387083 | Y    |
| 6  | IC 200-162223/7    | 15.798745     | 5.761262   | 20.0      | 2079638.0   | 0.364666 | Y    |
| 7  | IC 200-162223/8    | 21.055914     | 7.267998   | 20.0      | 2280818.0   | 0.345176 | Y    |
| 8  | IC 200-162223/9    | 42.111828     | 16.197492  | 20.0      | 2535600.0   | 0.38463  | Y    |



## Calibration

/ n-Butanol

Curve Type: Average  
Weighting: Conc\_Sq  
Origin: Force  
Dependency: Response  
Calib Mode: ISTD  
Response Base: AREA  
RF Rounding: 0

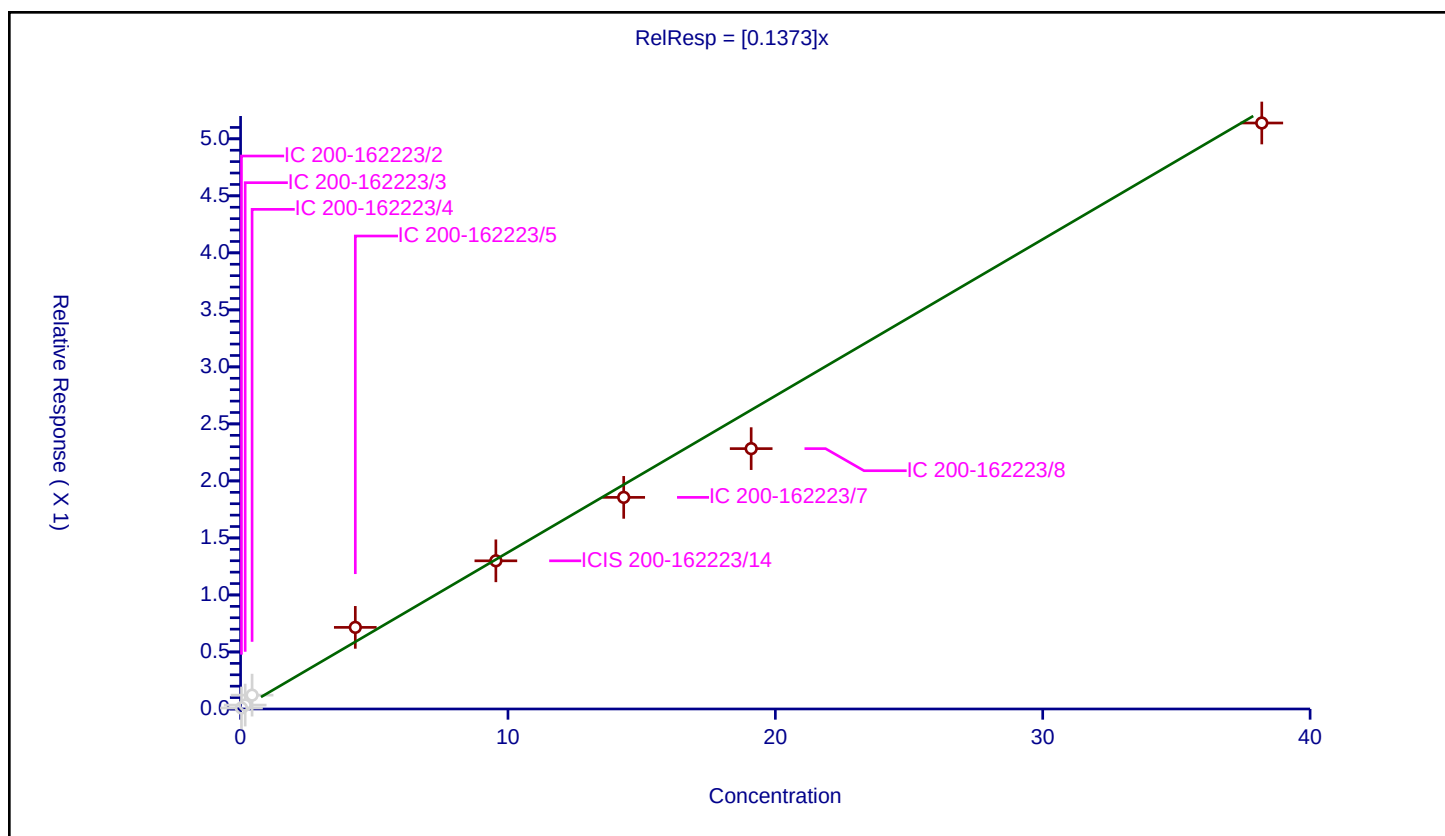
## Curve Coefficients

Intercept: 0  
Slope: 0.1373

## Error Coefficients

Standard Error: 378000  
Relative Standard Error: 12.9  
Correlation Coefficient: 0.968  
Coefficient of Determination (Adjusted): 0.950

| ID | Level              | Concentration | Rel. Resp. | IS Amount | IS Response | RRF      | Used |
|----|--------------------|---------------|------------|-----------|-------------|----------|------|
| 1  | IC 200-162223/2    | 0.033498      | 0.008717   | 20.0      | 1727577.0   | 0.260233 | N    |
| 2  | IC 200-162223/3    | 0.172278      | 0.034213   | 20.0      | 1798734.0   | 0.198592 | N    |
| 3  | IC 200-162223/4    | 0.430139      | 0.121541   | 20.0      | 1851721.0   | 0.282562 | N    |
| 4  | IC 200-162223/5    | 4.291108      | 0.715771   | 20.0      | 1920474.0   | 0.166803 | Y    |
| 5  | ICIS 200-162223/14 | 9.548147      | 1.299309   | 20.0      | 2994776.0   | 0.13608  | Y    |
| 6  | IC 200-162223/7    | 14.328397     | 1.855727   | 20.0      | 2079638.0   | 0.129514 | Y    |
| 7  | IC 200-162223/8    | 19.096294     | 2.283163   | 20.0      | 2280818.0   | 0.119561 | Y    |
| 8  | IC 200-162223/9    | 38.192589     | 5.138721   | 20.0      | 2535600.0   | 0.134548 | Y    |



## Calibration

/ 1,2-Dichloropropane

Curve Type: Average  
Weighting: Conc\_Sq  
Origin: Force  
Dependency: Response  
Calib Mode: ISTD  
Response Base: AREA  
RF Rounding: 0

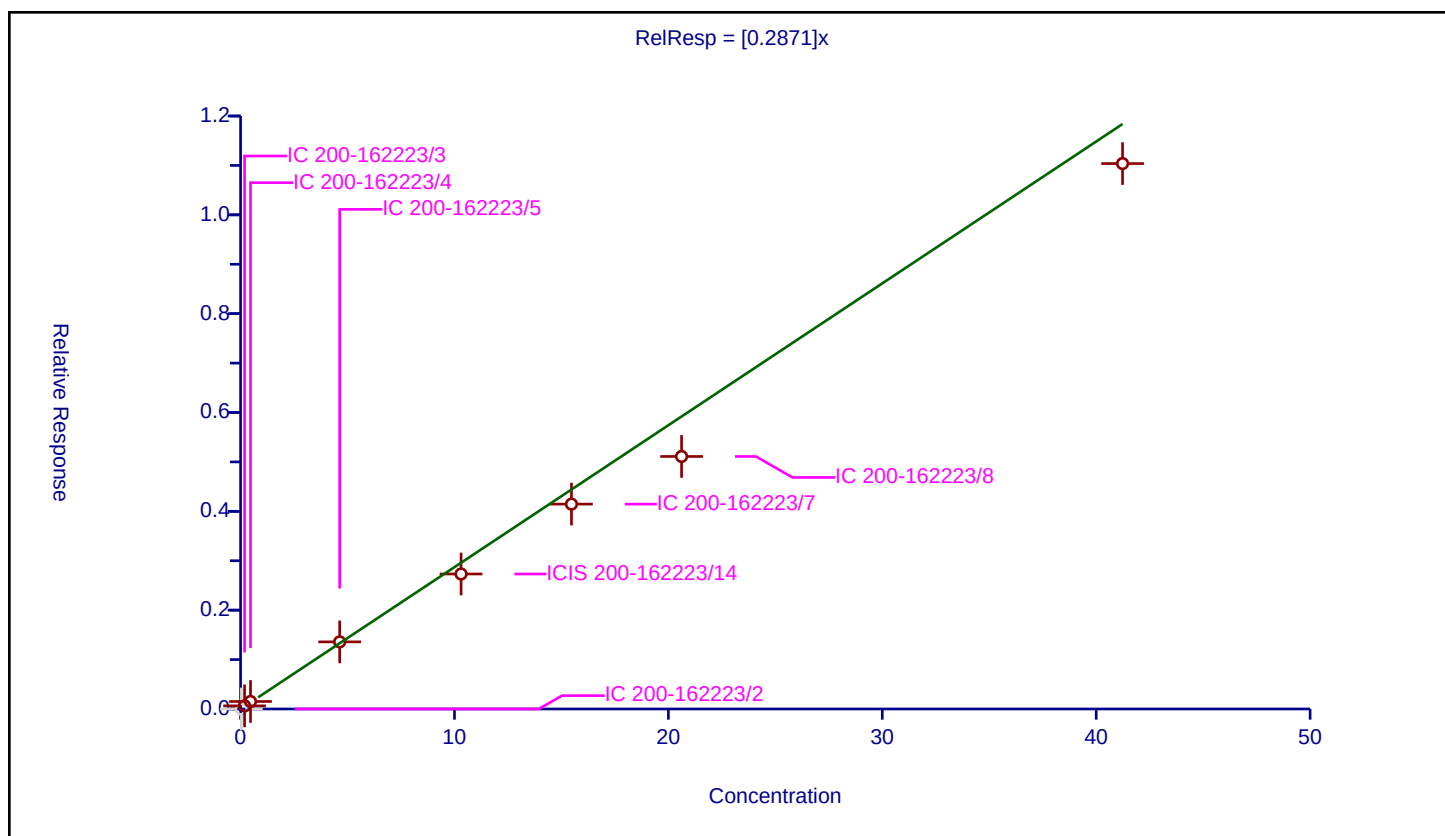
## Curve Coefficients

Intercept: 0  
Slope: 0.2871

## Error Coefficients

Standard Error: 667000  
Relative Standard Error: 12.1  
Correlation Coefficient: 0.985  
Coefficient of Determination (Adjusted): 0.981

| ID | Level              | Concentration | Rel. Resp. | IS Amount | IS Response | RRF      | Used |
|----|--------------------|---------------|------------|-----------|-------------|----------|------|
| 1  | IC 200-162223/2    | 0.036164      | 0.0        | 20.0      | 1727577.0   | 0.0      | N    |
| 2  | IC 200-162223/3    | 0.185988      | 0.063289   | 20.0      | 1798734.0   | 0.340285 | Y    |
| 3  | IC 200-162223/4    | 0.46437       | 0.152129   | 20.0      | 1851721.0   | 0.327602 | Y    |
| 4  | IC 200-162223/5    | 4.632599      | 1.358217   | 20.0      | 1920474.0   | 0.293187 | Y    |
| 5  | ICIS 200-162223/14 | 10.308        | 2.732091   | 20.0      | 2994776.0   | 0.265046 | Y    |
| 6  | IC 200-162223/7    | 15.468667     | 4.145904   | 20.0      | 2079638.0   | 0.268019 | Y    |
| 7  | IC 200-162223/8    | 20.615999     | 5.110351   | 20.0      | 2280818.0   | 0.247883 | Y    |
| 8  | IC 200-162223/9    | 41.231999     | 11.037774  | 20.0      | 2535600.0   | 0.267699 | Y    |



## Calibration

/ Methyl methacrylate

Curve Type: Average  
Weighting: Conc\_Sq  
Origin: Force  
Dependency: Response  
Calib Mode: ISTD  
Response Base: AREA  
RF Rounding: 0

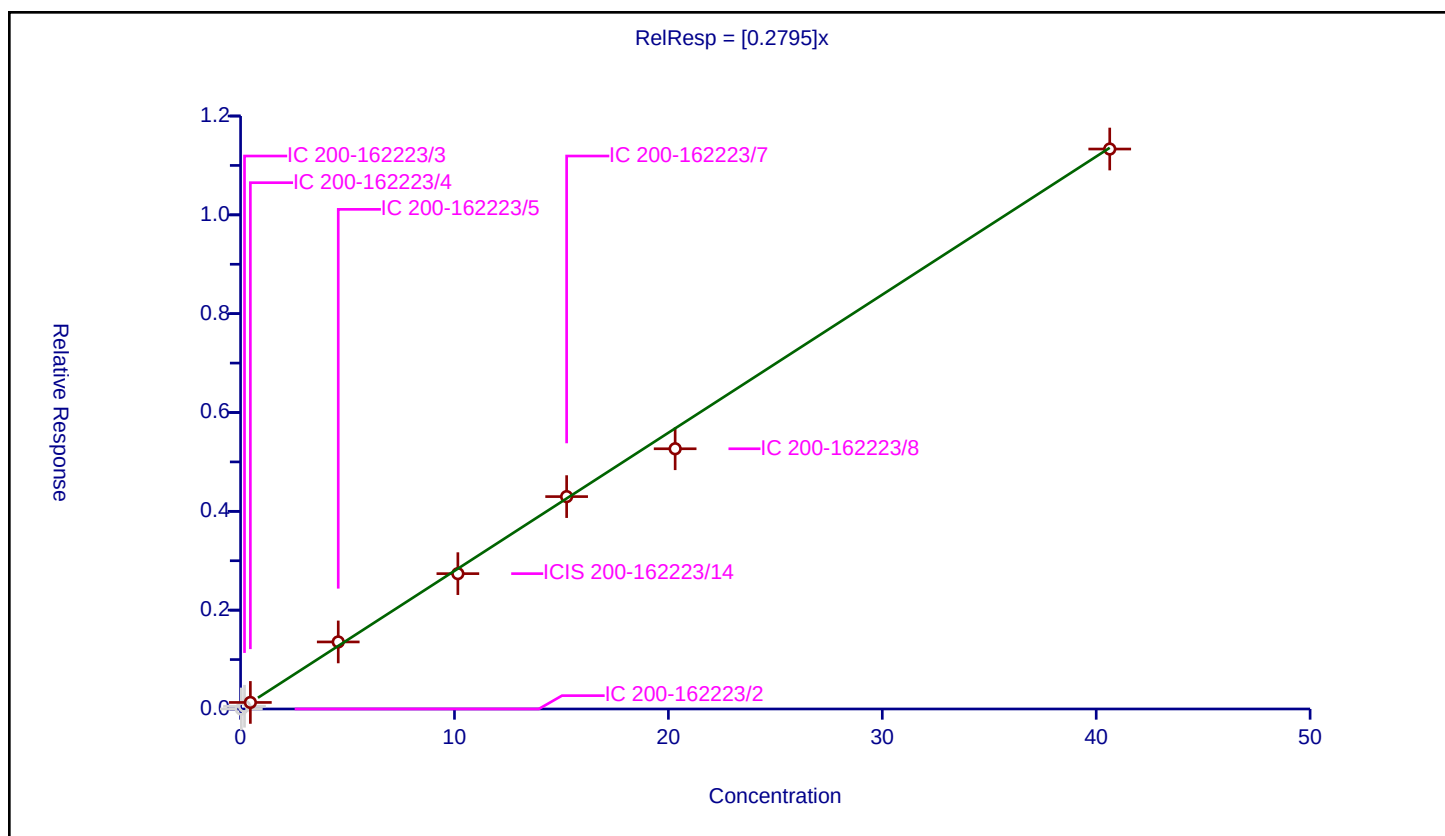
## Curve Coefficients

Intercept: 0  
Slope: 0.2795

## Error Coefficients

Standard Error: 750000  
Relative Standard Error: 4.9  
Correlation Coefficient: 0.985  
Coefficient of Determination (Adjusted): 0.997

| ID | Level              | Concentration | Rel. Resp. | IS Amount | IS Response | RRF      | Used |
|----|--------------------|---------------|------------|-----------|-------------|----------|------|
| 1  | IC 200-162223/2    | 0.035638      | 0.0        | 20.0      | 1727577.0   | 0.0      | N    |
| 2  | IC 200-162223/3    | 0.183282      | 0.055072   | 20.0      | 1798734.0   | 0.300477 | N    |
| 3  | IC 200-162223/4    | 0.457614      | 0.132709   | 20.0      | 1851721.0   | 0.290002 | Y    |
| 4  | IC 200-162223/5    | 4.5652        | 1.357102   | 20.0      | 1920474.0   | 0.297271 | Y    |
| 5  | ICIS 200-162223/14 | 10.158029     | 2.73921    | 20.0      | 2994776.0   | 0.26966  | Y    |
| 6  | IC 200-162223/7    | 15.243614     | 4.298075   | 20.0      | 2079638.0   | 0.281959 | Y    |
| 7  | IC 200-162223/8    | 20.316058     | 5.266032   | 20.0      | 2280818.0   | 0.259205 | Y    |
| 8  | IC 200-162223/9    | 40.632115     | 11.331756  | 20.0      | 2535600.0   | 0.278887 | Y    |



## Calibration

/ Dibromomethane

Curve Type: Average  
Weighting: Conc\_Sq  
Origin: Force  
Dependency: Response  
Calib Mode: ISTD  
Response Base: AREA  
RF Rounding: 0

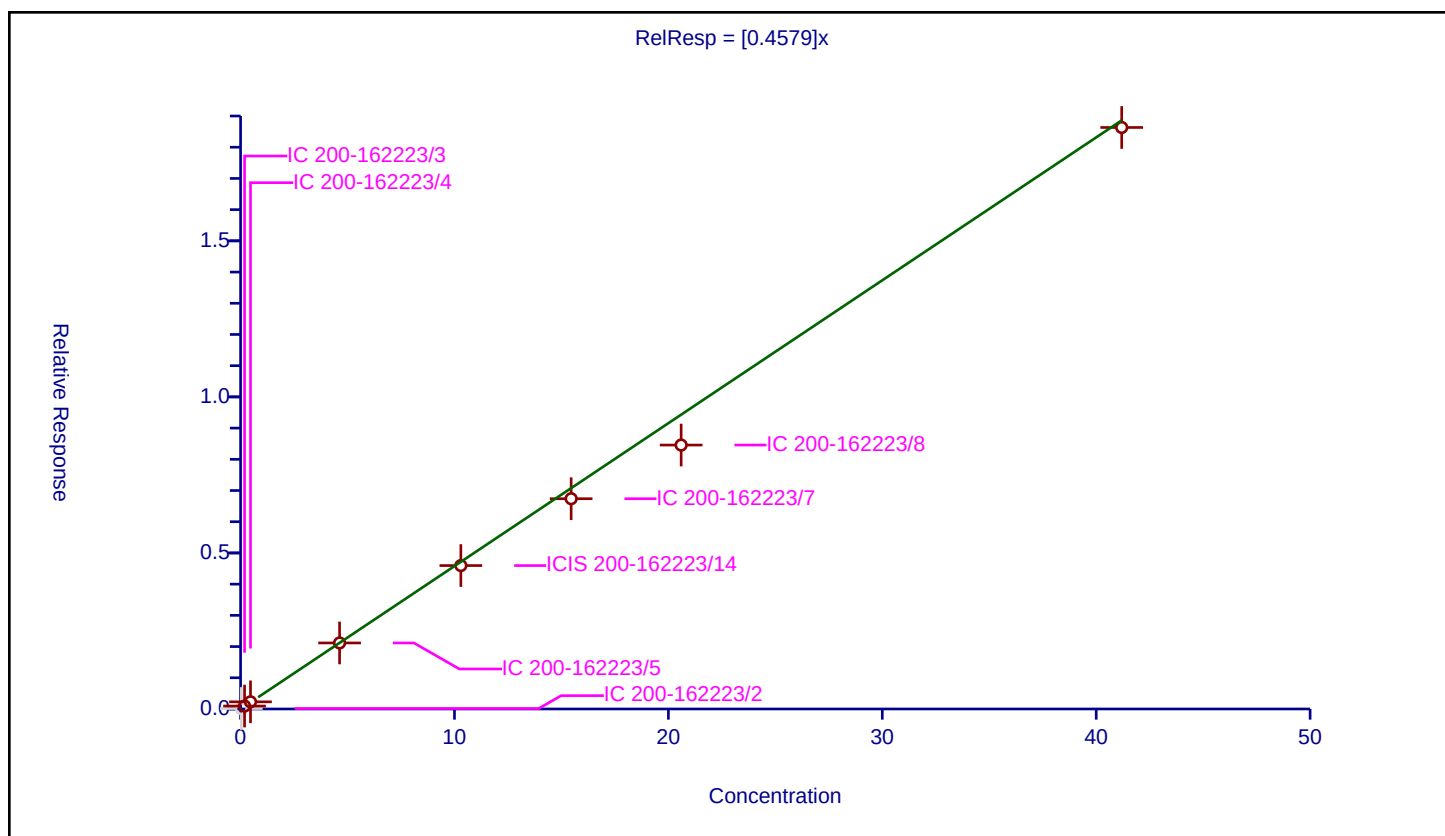
## Curve Coefficients

Intercept: 0  
Slope: 0.4579

## Error Coefficients

Standard Error: 1120000  
Relative Standard Error: 7.3  
Correlation Coefficient: 0.982  
Coefficient of Determination (Adjusted): 0.993

| ID | Level              | Concentration | Rel. Resp. | IS Amount | IS Response | RRF      | Used |
|----|--------------------|---------------|------------|-----------|-------------|----------|------|
| 1  | IC 200-162223/2    | 0.036129      | 0.015224   | 20.0      | 1727577.0   | 0.421366 | N    |
| 2  | IC 200-162223/3    | 0.185808      | 0.094366   | 20.0      | 1798734.0   | 0.507872 | Y    |
| 3  | IC 200-162223/4    | 0.46392       | 0.229559   | 20.0      | 1851721.0   | 0.494826 | Y    |
| 4  | IC 200-162223/5    | 4.628106      | 2.115988   | 20.0      | 1920474.0   | 0.457204 | Y    |
| 5  | ICIS 200-162223/14 | 10.298002     | 4.595522   | 20.0      | 2994776.0   | 0.446254 | Y    |
| 6  | IC 200-162223/7    | 15.453664     | 6.738028   | 20.0      | 2079638.0   | 0.436015 | Y    |
| 7  | IC 200-162223/8    | 20.596003     | 8.456791   | 20.0      | 2280818.0   | 0.410603 | Y    |
| 8  | IC 200-162223/9    | 41.192007     | 18.632434  | 20.0      | 2535600.0   | 0.452331 | Y    |



# Calibration

/ 1,4-Dioxane

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

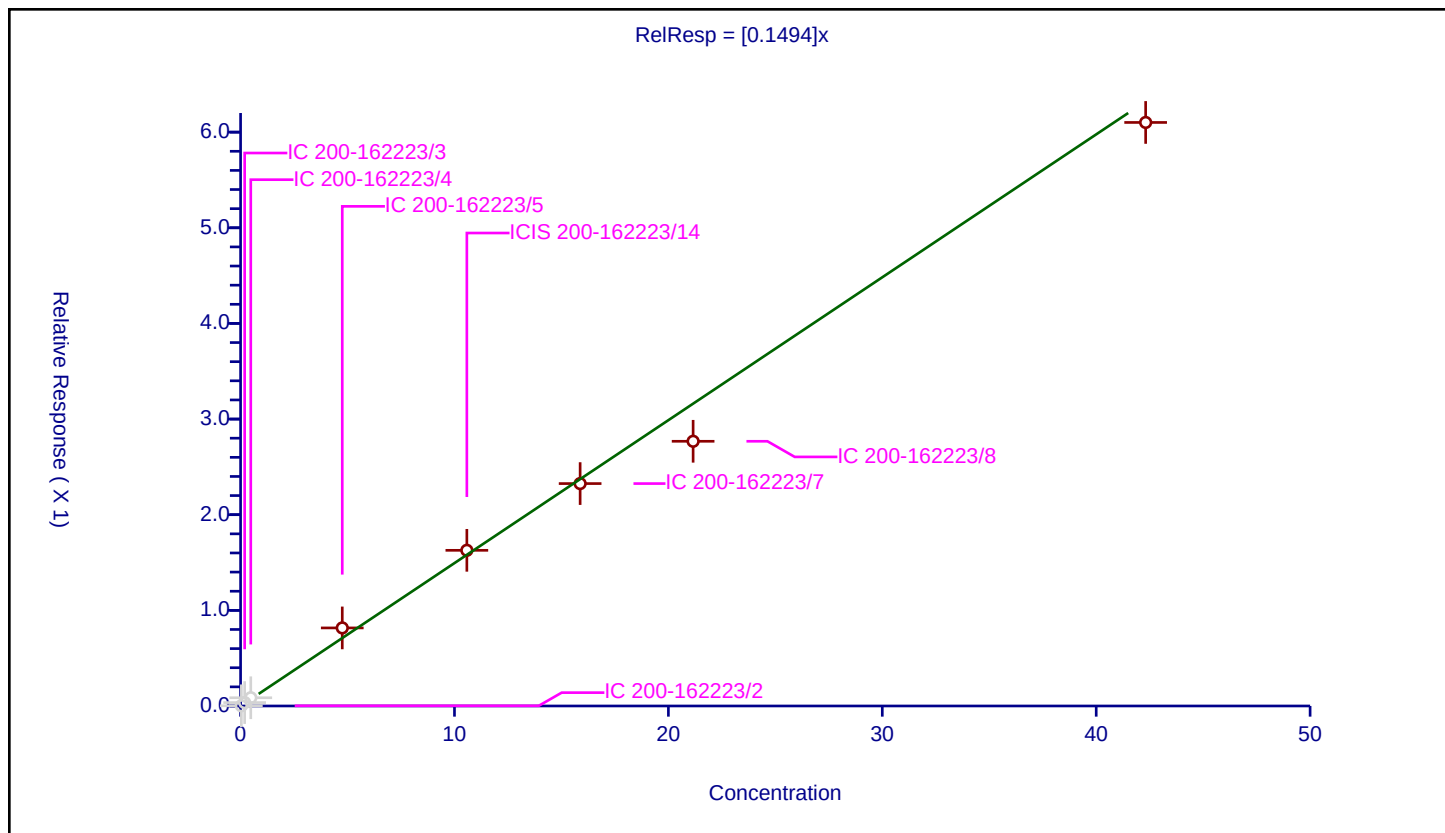
## Curve Coefficients

Intercept: 0  
 Slope: 0.1494

## Error Coefficients

Standard Error: 453000  
 Relative Standard Error: 10.0  
 Correlation Coefficient: 0.968  
 Coefficient of Determination (Adjusted): 0.972

| ID | Level              | Concentration | Rel. Resp. | IS Amount | IS Response | RRF      | Used |
|----|--------------------|---------------|------------|-----------|-------------|----------|------|
| 1  | IC 200-162223/2    | 0.037111      | 0.001991   | 20.0      | 1727577.0   | 0.053655 | N    |
| 2  | IC 200-162223/3    | 0.190859      | 0.03567    | 20.0      | 1798734.0   | 0.18689  | N    |
| 3  | IC 200-162223/4    | 0.476531      | 0.086104   | 20.0      | 1851721.0   | 0.180689 | N    |
| 4  | IC 200-162223/5    | 4.753918      | 0.816132   | 20.0      | 1920474.0   | 0.171676 | Y    |
| 5  | ICIS 200-162223/14 | 10.577947     | 1.627714   | 20.0      | 2994776.0   | 0.153878 | Y    |
| 6  | IC 200-162223/7    | 15.873763     | 2.32551    | 20.0      | 2079638.0   | 0.1465   | Y    |
| 7  | IC 200-162223/8    | 21.155895     | 2.767779   | 20.0      | 2280818.0   | 0.130828 | Y    |
| 8  | IC 200-162223/9    | 42.311789     | 6.10123    | 20.0      | 2535600.0   | 0.144197 | Y    |



## Calibration

/ Dichlorobromomethane

Curve Type: Average  
Weighting: Conc\_Sq  
Origin: Force  
Dependency: Response  
Calib Mode: ISTD  
Response Base: AREA  
RF Rounding: 0

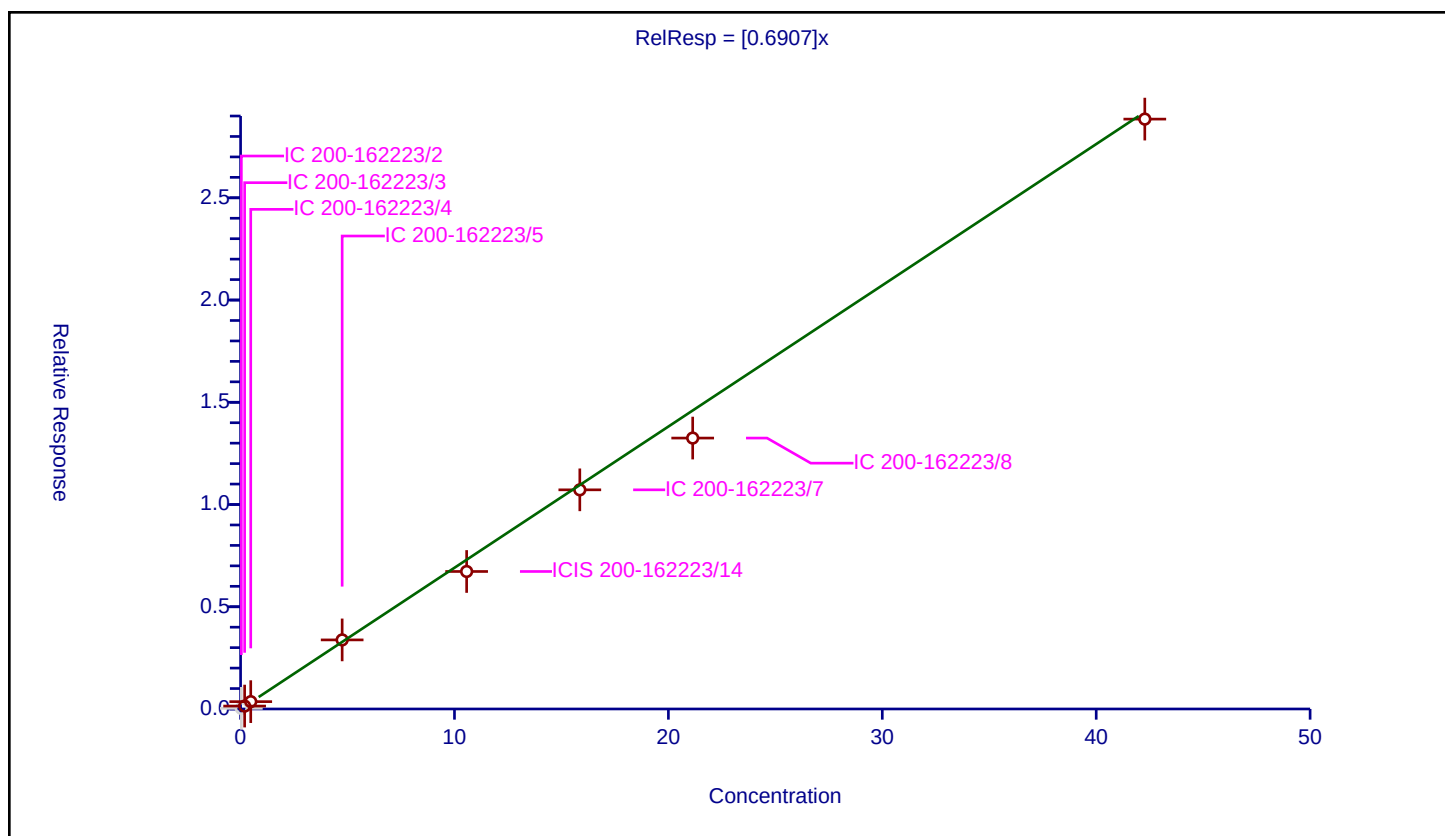
## Curve Coefficients

Intercept: 0  
Slope: 0.6907

## Error Coefficients

Standard Error: 1730000  
Relative Standard Error: 7.2  
Correlation Coefficient: 0.986  
Coefficient of Determination (Adjusted): 0.993

| ID | Level              | Concentration | Rel. Resp. | IS Amount | IS Response | RRF      | Used |
|----|--------------------|---------------|------------|-----------|-------------|----------|------|
| 1  | IC 200-162223/2    | 0.037076      | 0.031362   | 20.0      | 1727577.0   | 0.845872 | N    |
| 2  | IC 200-162223/3    | 0.190678      | 0.142623   | 20.0      | 1798734.0   | 0.747975 | Y    |
| 3  | IC 200-162223/4    | 0.476081      | 0.358845   | 20.0      | 1851721.0   | 0.753748 | Y    |
| 4  | IC 200-162223/5    | 4.749425      | 3.378874   | 20.0      | 1920474.0   | 0.711428 | Y    |
| 5  | ICIS 200-162223/14 | 10.567949     | 6.725304   | 20.0      | 2994776.0   | 0.636387 | Y    |
| 6  | IC 200-162223/7    | 15.85876      | 10.717702  | 20.0      | 2079638.0   | 0.675822 | Y    |
| 7  | IC 200-162223/8    | 21.135899     | 13.249939  | 20.0      | 2280818.0   | 0.626893 | Y    |
| 8  | IC 200-162223/9    | 42.271797     | 28.84899   | 20.0      | 2535600.0   | 0.682464 | 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

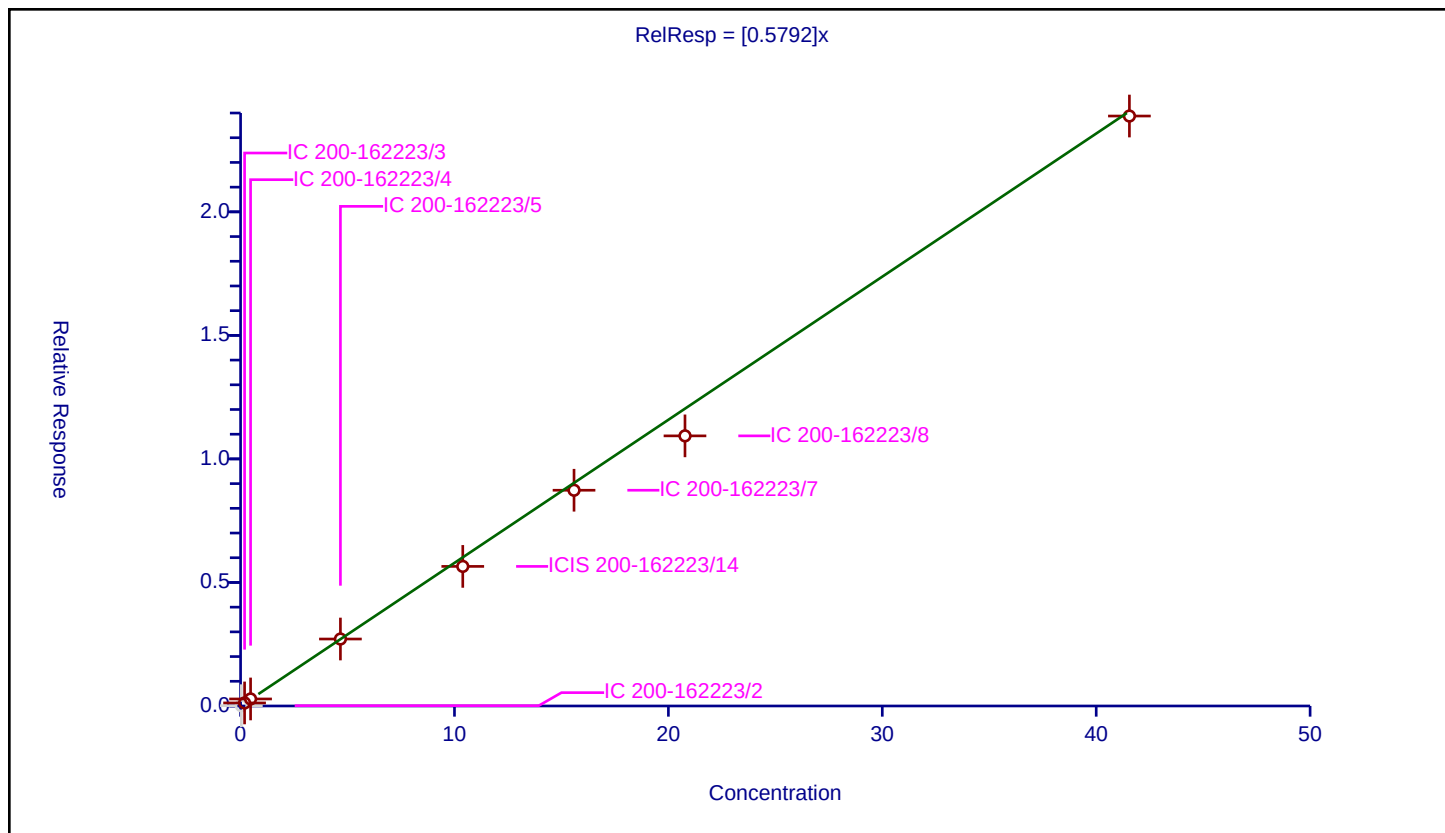
## Curve Coefficients

Intercept: 0  
Slope: 0.5792

## Error Coefficients

Standard Error: 1430000  
Relative Standard Error: 7.7  
Correlation Coefficient: 0.985  
Coefficient of Determination (Adjusted): 0.992

| ID | Level              | Concentration | Rel. Resp. | IS Amount | IS Response | RRF      | Used |
|----|--------------------|---------------|------------|-----------|-------------|----------|------|
| 1  | IC 200-162223/2    | 0.036445      | 0.012665   | 20.0      | 1727577.0   | 0.347514 | N    |
| 2  | IC 200-162223/3    | 0.187431      | 0.123832   | 20.0      | 1798734.0   | 0.660678 | Y    |
| 3  | IC 200-162223/4    | 0.467973      | 0.284751   | 20.0      | 1851721.0   | 0.608478 | Y    |
| 4  | IC 200-162223/5    | 4.668546      | 2.710716   | 20.0      | 1920474.0   | 0.580634 | Y    |
| 5  | ICIS 200-162223/14 | 10.387984     | 5.649237   | 20.0      | 2994776.0   | 0.543824 | Y    |
| 6  | IC 200-162223/7    | 15.588696     | 8.731866   | 20.0      | 2079638.0   | 0.560141 | Y    |
| 7  | IC 200-162223/8    | 20.775968     | 10.932595  | 20.0      | 2280818.0   | 0.526214 | Y    |
| 8  | IC 200-162223/9    | 41.551937     | 23.878072  | 20.0      | 2535600.0   | 0.574656 | 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

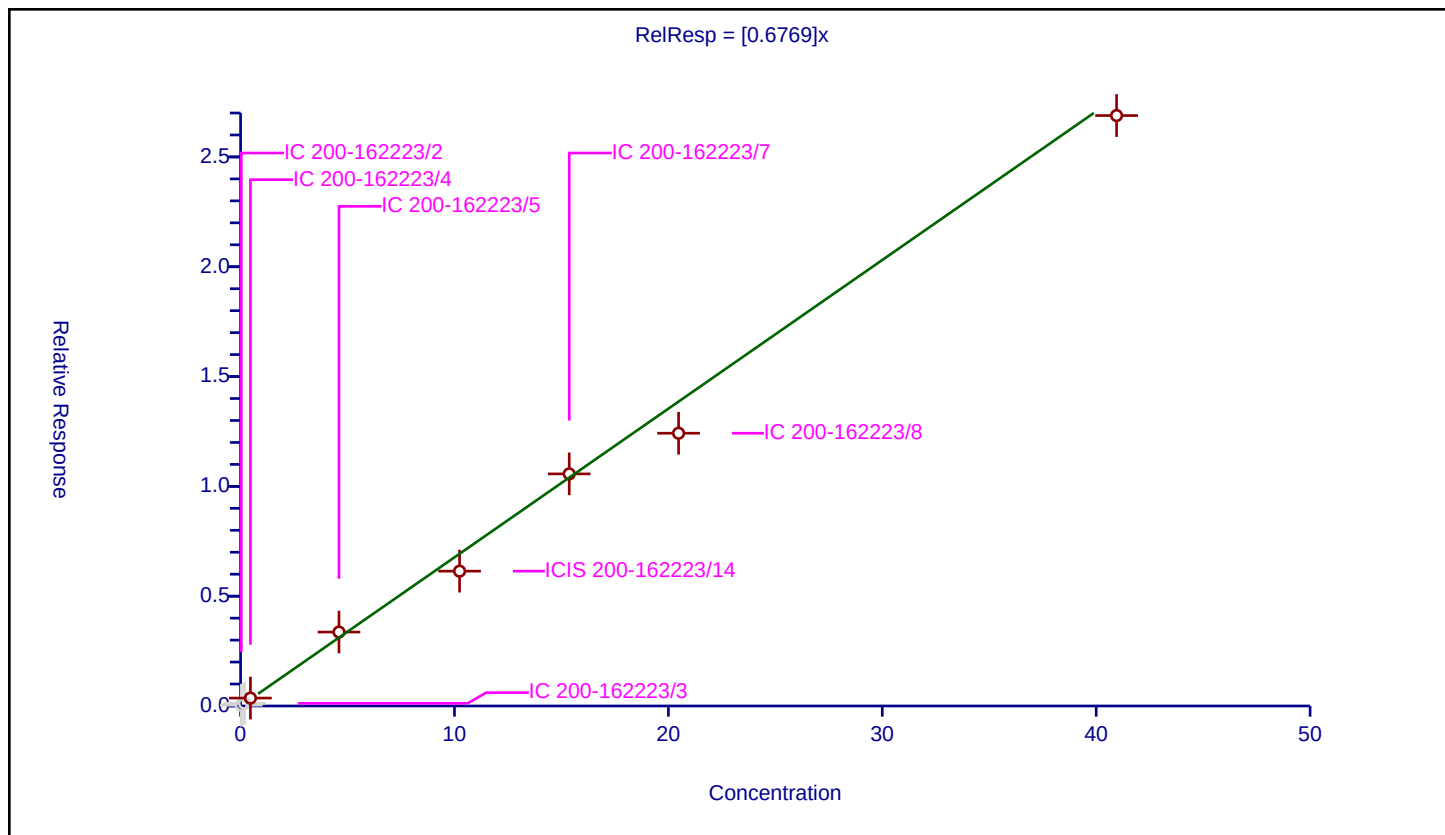
## Curve Coefficients

Intercept: 0  
 Slope: 0.6769

## Error Coefficients

Standard Error: 1780000  
 Relative Standard Error: 10.4  
 Correlation Coefficient: 0.988  
 Coefficient of Determination (Adjusted): 0.987

| ID | Level              | Concentration | Rel. Resp. | IS Amount | IS Response | RRF      | Used |
|----|--------------------|---------------|------------|-----------|-------------|----------|------|
| 1  | IC 200-162223/2    | 0.035919      | 0.035263   | 20.0      | 1727577.0   | 0.98175  | N    |
| 2  | IC 200-162223/3    | 0.184725      | 0.120585   | 20.0      | 1798734.0   | 0.652779 | N    |
| 3  | IC 200-162223/4    | 0.461217      | 0.359471   | 20.0      | 1851721.0   | 0.779397 | Y    |
| 4  | IC 200-162223/5    | 4.601146      | 3.365888   | 20.0      | 1920474.0   | 0.731532 | Y    |
| 5  | ICIS 200-162223/14 | 10.238013     | 6.139818   | 20.0      | 2994776.0   | 0.599708 | Y    |
| 6  | IC 200-162223/7    | 15.363642     | 10.56757   | 20.0      | 2079638.0   | 0.68783  | Y    |
| 7  | IC 200-162223/8    | 20.476027     | 12.419229  | 20.0      | 2280818.0   | 0.606525 | Y    |
| 8  | IC 200-162223/9    | 40.952053     | 26.884982  | 20.0      | 2535600.0   | 0.656499 | Y    |



## Calibration

/ Toluene

Curve Type: Average  
Weighting: Conc\_Sq  
Origin: Force  
Dependency: Response  
Calib Mode: ISTD  
Response Base: AREA  
RF Rounding: 0

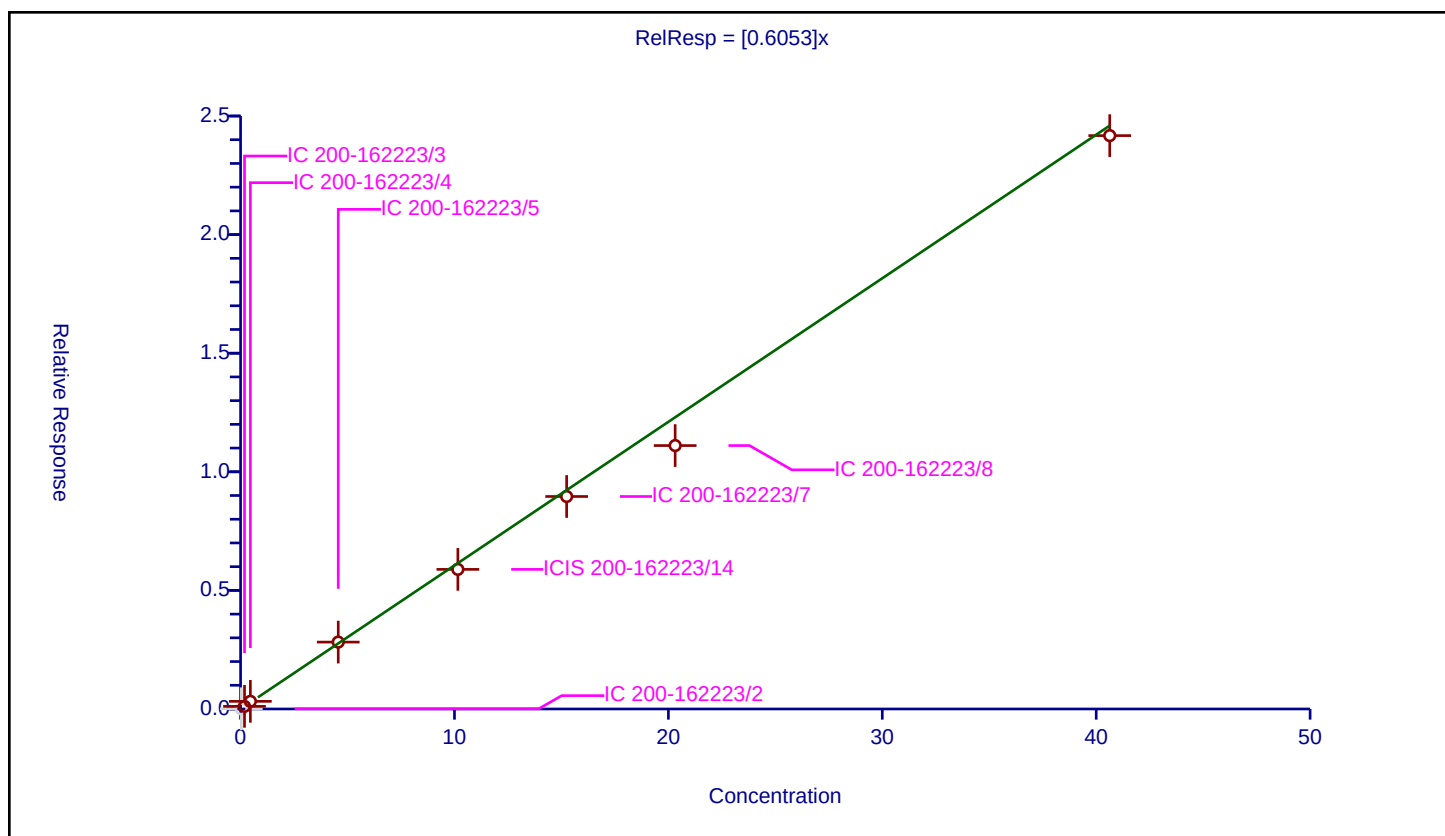
## Curve Coefficients

Intercept: 0  
Slope: 0.6053

## Error Coefficients

Standard Error: 1680000  
Relative Standard Error: 8.1  
Correlation Coefficient: 0.982  
Coefficient of Determination (Adjusted): 0.992

| ID | Level              | Concentration | Rel. Resp. | IS Amount | IS Response | RRF      | Used |
|----|--------------------|---------------|------------|-----------|-------------|----------|------|
| 1  | IC 200-162223/2    | 0.035638      | 0.0084     | 20.0      | 1926206.0   | 0.2357   | N    |
| 2  | IC 200-162223/3    | 0.183282      | 0.111074   | 20.0      | 2037732.0   | 0.60603  | Y    |
| 3  | IC 200-162223/4    | 0.457614      | 0.322416   | 20.0      | 2072294.0   | 0.704558 | Y    |
| 4  | IC 200-162223/5    | 4.5652        | 2.819849   | 20.0      | 2186039.0   | 0.617684 | Y    |
| 5  | ICIS 200-162223/14 | 10.158029     | 5.885734   | 20.0      | 3456738.0   | 0.579417 | Y    |
| 6  | IC 200-162223/7    | 15.243614     | 8.958632   | 20.0      | 2366185.0   | 0.587697 | Y    |
| 7  | IC 200-162223/8    | 20.316058     | 11.106442  | 20.0      | 2578455.0   | 0.546683 | Y    |
| 8  | IC 200-162223/9    | 40.632115     | 24.174142  | 20.0      | 2946900.0   | 0.594952 | Y    |



## Calibration

/ n-Octane

Curve Type: Average  
Weighting: Conc\_Sq  
Origin: Force  
Dependency: Response  
Calib Mode: ISTD  
Response Base: AREA  
RF Rounding: 0

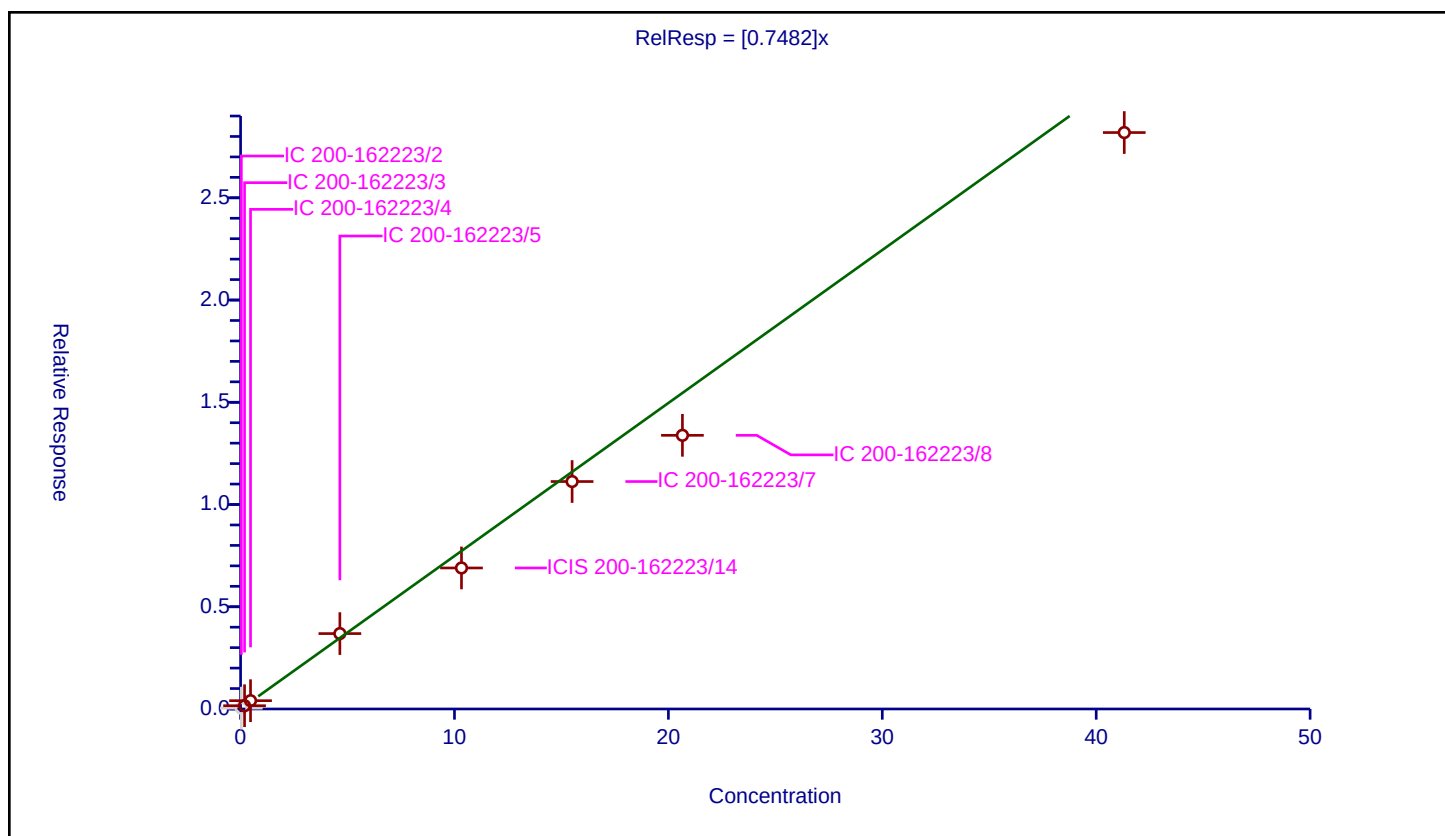
## Curve Coefficients

Intercept: 0  
Slope: 0.7482

## Error Coefficients

Standard Error: 1710000  
Relative Standard Error: 12.3  
Correlation Coefficient: 0.989  
Coefficient of Determination (Adjusted): 0.980

| ID | Level              | Concentration | Rel. Resp. | IS Amount | IS Response | RRF      | Used |
|----|--------------------|---------------|------------|-----------|-------------|----------|------|
| 1  | IC 200-162223/2    | 0.036234      | 0.04111    | 20.0      | 1727577.0   | 1.134544 | N    |
| 2  | IC 200-162223/3    | 0.186349      | 0.159112   | 20.0      | 1798734.0   | 0.853839 | Y    |
| 3  | IC 200-162223/4    | 0.465271      | 0.40626    | 20.0      | 1851721.0   | 0.873169 | Y    |
| 4  | IC 200-162223/5    | 4.641586      | 3.687361   | 20.0      | 1920474.0   | 0.794418 | Y    |
| 5  | ICIS 200-162223/14 | 10.327996     | 6.897083   | 20.0      | 2994776.0   | 0.667805 | Y    |
| 6  | IC 200-162223/7    | 15.498674     | 11.123878  | 20.0      | 2079638.0   | 0.717731 | Y    |
| 7  | IC 200-162223/8    | 20.655992     | 13.384163  | 20.0      | 2280818.0   | 0.647955 | Y    |
| 8  | IC 200-162223/9    | 41.311983     | 28.191347  | 20.0      | 2535600.0   | 0.682401 | 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

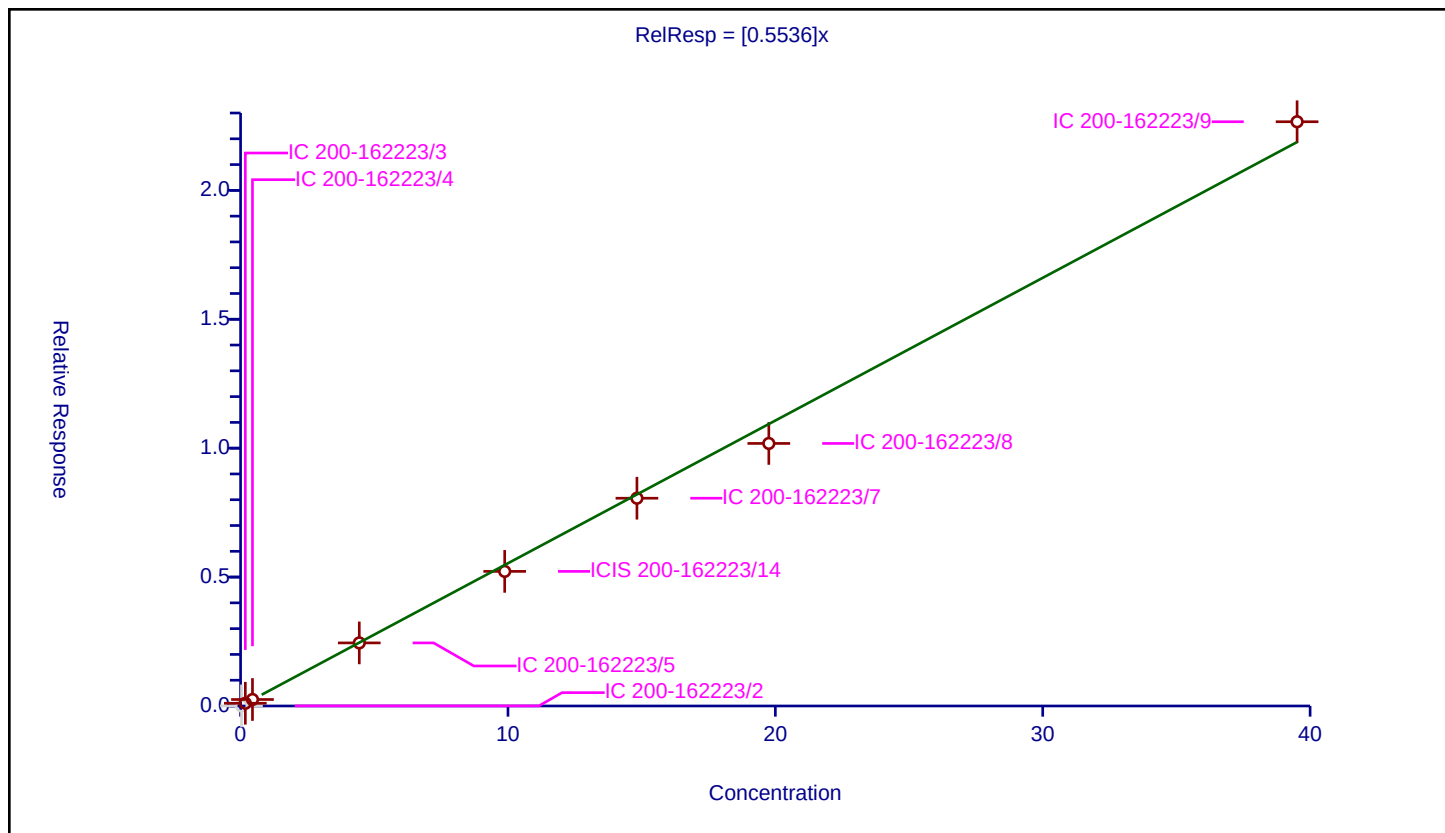
## Curve Coefficients

Intercept: 0  
Slope: 0.5536

## Error Coefficients

Standard Error: 1350000  
Relative Standard Error: 5.0  
Correlation Coefficient: 0.983  
Coefficient of Determination (Adjusted): 0.997

| ID | Level              | Concentration | Rel. Resp. | IS Amount | IS Response | RRF      | Used |
|----|--------------------|---------------|------------|-----------|-------------|----------|------|
| 1  | IC 200-162223/2    | 0.034656      | 0.003207   | 20.0      | 1727577.0   | 0.092532 | N    |
| 2  | IC 200-162223/3    | 0.178231      | 0.106442   | 20.0      | 1798734.0   | 0.597211 | Y    |
| 3  | IC 200-162223/4    | 0.445002      | 0.251615   | 20.0      | 1851721.0   | 0.565423 | Y    |
| 4  | IC 200-162223/5    | 4.439387      | 2.446521   | 20.0      | 1920474.0   | 0.551094 | Y    |
| 5  | ICIS 200-162223/14 | 9.878083      | 5.220738   | 20.0      | 2994776.0   | 0.528517 | Y    |
| 6  | IC 200-162223/7    | 14.823514     | 8.058729   | 20.0      | 2079638.0   | 0.543645 | Y    |
| 7  | IC 200-162223/8    | 19.756166     | 10.183329  | 20.0      | 2280818.0   | 0.515451 | Y    |
| 8  | IC 200-162223/9    | 39.512333     | 22.661256  | 20.0      | 2535600.0   | 0.573524 | 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

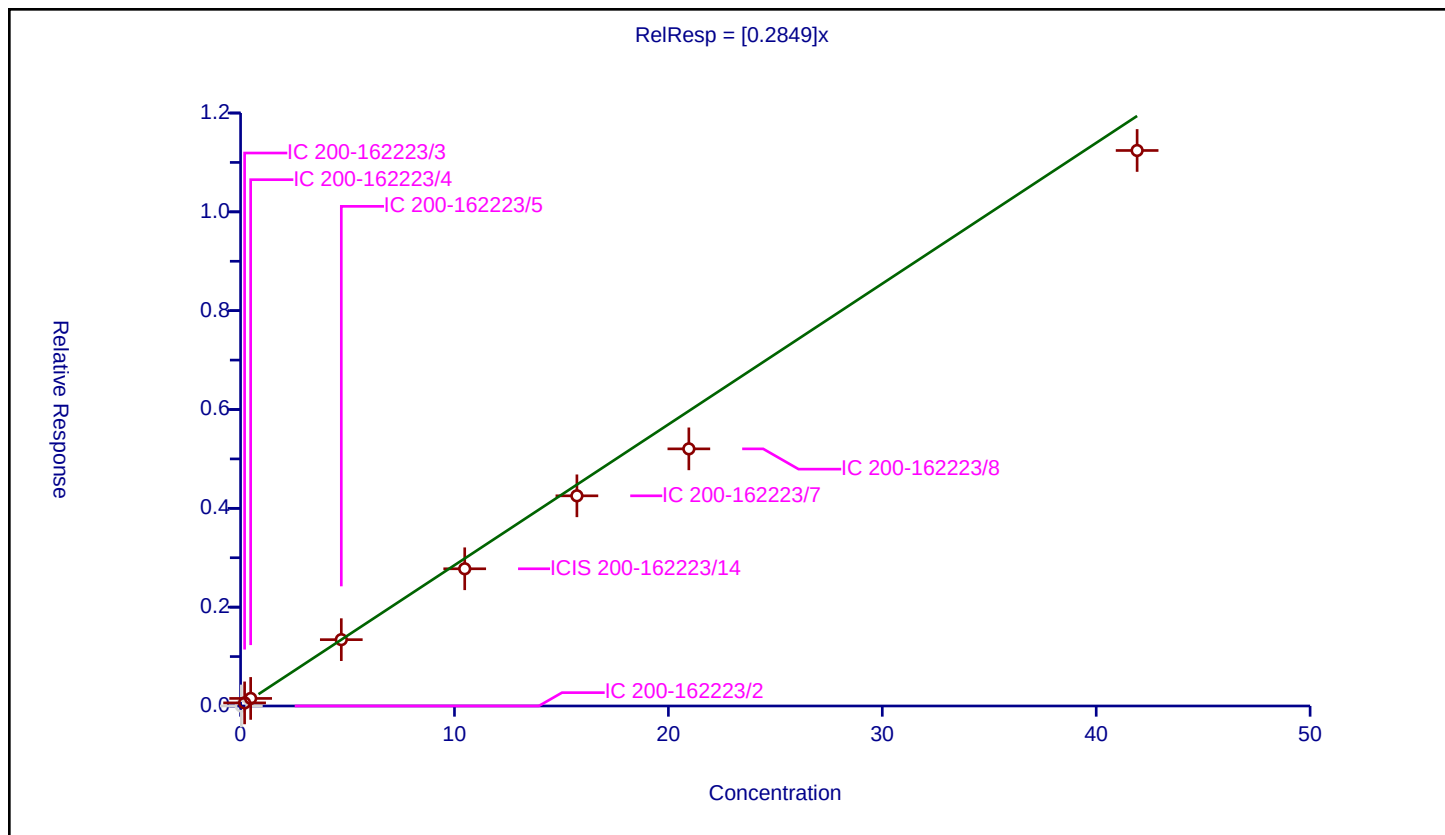
## Curve Coefficients

Intercept: 0  
 Slope: 0.2849

## Error Coefficients

Standard Error: 785000  
 Relative Standard Error: 11.2  
 Correlation Coefficient: 0.983  
 Coefficient of Determination (Adjusted): 0.984

| ID | Level              | Concentration | Rel. Resp. | IS Amount | IS Response | RRF      | Used |
|----|--------------------|---------------|------------|-----------|-------------|----------|------|
| 1  | IC 200-162223/2    | 0.036761      | 0.0        | 20.0      | 1926206.0   | 0.0      | N    |
| 2  | IC 200-162223/3    | 0.189055      | 0.062923   | 20.0      | 2037732.0   | 0.332829 | Y    |
| 3  | IC 200-162223/4    | 0.472027      | 0.153048   | 20.0      | 2072294.0   | 0.324235 | Y    |
| 4  | IC 200-162223/5    | 4.708985      | 1.342611   | 20.0      | 2186039.0   | 0.285117 | Y    |
| 5  | ICIS 200-162223/14 | 10.477967     | 2.776635   | 20.0      | 3456738.0   | 0.264998 | Y    |
| 6  | IC 200-162223/7    | 15.723728     | 4.253421   | 20.0      | 2366185.0   | 0.27051  | Y    |
| 7  | IC 200-162223/8    | 20.955934     | 5.203535   | 20.0      | 2578455.0   | 0.248308 | Y    |
| 8  | IC 200-162223/9    | 41.911867     | 11.241766  | 20.0      | 2946900.0   | 0.268224 | Y    |



## Calibration

## / Tetrachloroethene

Curve Type: Average  
Weighting: Conc\_Sq  
Origin: Force  
Dependency: Response  
Calib Mode: ISTD  
Response Base: AREA  
RF Rounding: 0

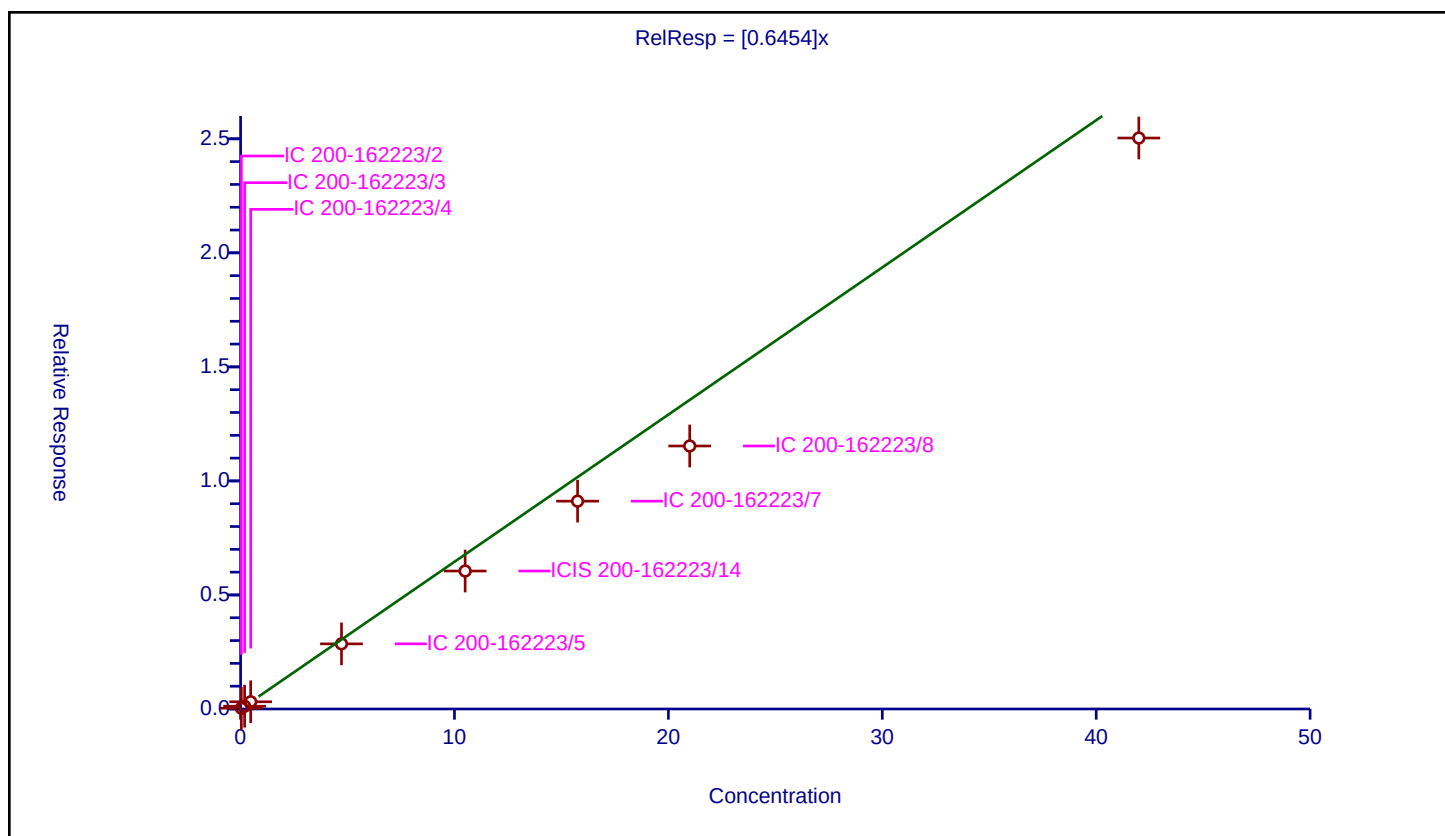
## Curve Coefficients

Intercept: 0  
Slope: 0.6454

## Error Coefficients

Standard Error: 1610000  
Relative Standard Error: 19.5  
Correlation Coefficient: 0.983  
Coefficient of Determination (Adjusted): 0.950

| ID | Level              | Concentration | Rel. Resp. | IS Amount | IS Response | RRF      | Used |
|----|--------------------|---------------|------------|-----------|-------------|----------|------|
| 1  | IC 200-162223/2    | 0.036831      | 0.034648   | 20.0      | 1926206.0   | 0.940746 | Y    |
| 2  | IC 200-162223/3    | 0.189415      | 0.122617   | 20.0      | 2037732.0   | 0.647343 | Y    |
| 3  | IC 200-162223/4    | 0.472928      | 0.316702   | 20.0      | 2072294.0   | 0.669663 | Y    |
| 4  | IC 200-162223/5    | 4.717972      | 2.855594   | 20.0      | 2186039.0   | 0.605259 | Y    |
| 5  | ICIS 200-162223/14 | 10.497963     | 6.04916    | 20.0      | 3456738.0   | 0.576222 | Y    |
| 6  | IC 200-162223/7    | 15.753735     | 9.112491   | 20.0      | 2366185.0   | 0.578434 | Y    |
| 7  | IC 200-162223/8    | 20.995926     | 11.531611  | 20.0      | 2578455.0   | 0.549231 | Y    |
| 8  | IC 200-162223/9    | 41.991852     | 25.035855  | 20.0      | 2946900.0   | 0.596207 | Y    |



## Calibration

/ 2-Hexanone

Curve Type: Average  
Weighting: Conc\_Sq  
Origin: Force  
Dependency: Response  
Calib Mode: ISTD  
Response Base: AREA  
RF Rounding: 0

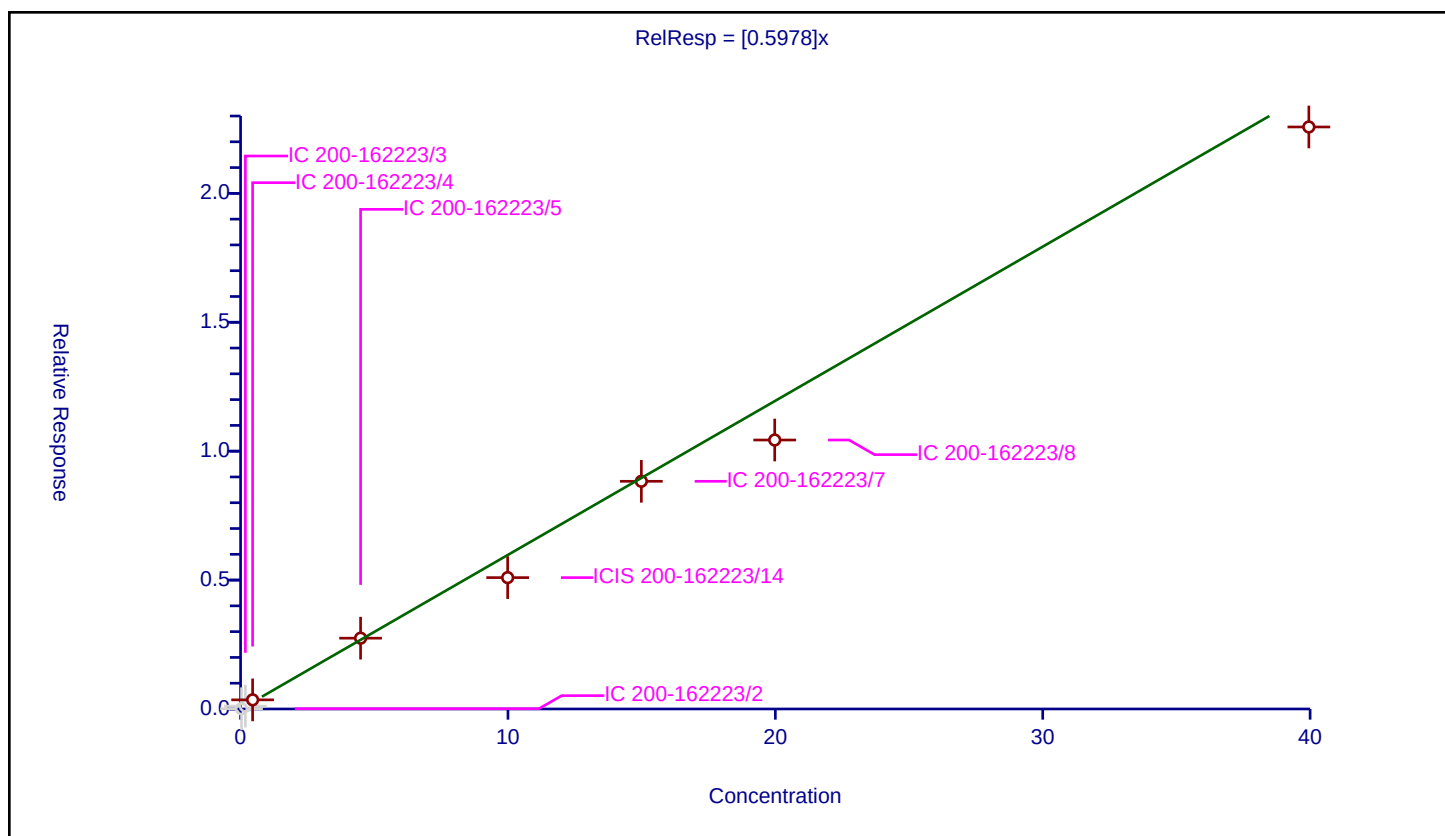
## Curve Coefficients

Intercept: 0  
Slope: 0.5978

## Error Coefficients

Standard Error: 1720000  
Relative Standard Error: 16.9  
Correlation Coefficient: 0.985  
Coefficient of Determination (Adjusted): 0.963

| ID | Level              | Concentration | Rel. Resp. | IS Amount | IS Response | RRF      | Used |
|----|--------------------|---------------|------------|-----------|-------------|----------|------|
| 1  | IC 200-162223/2    | 0.035042      | 0.010632   | 20.0      | 1926206.0   | 0.303417 | N    |
| 2  | IC 200-162223/3    | 0.180215      | 0.112439   | 20.0      | 2037732.0   | 0.623913 | N    |
| 3  | IC 200-162223/4    | 0.449957      | 0.354496   | 20.0      | 2072294.0   | 0.787844 | Y    |
| 4  | IC 200-162223/5    | 4.488813      | 2.746959   | 20.0      | 2186039.0   | 0.611957 | Y    |
| 5  | ICIS 200-162223/14 | 9.988062      | 5.096076   | 20.0      | 3456738.0   | 0.510217 | Y    |
| 6  | IC 200-162223/7    | 14.988553     | 8.831448   | 20.0      | 2366185.0   | 0.589213 | Y    |
| 7  | IC 200-162223/8    | 19.976124     | 10.432534  | 20.0      | 2578455.0   | 0.52225  | Y    |
| 8  | IC 200-162223/9    | 39.952247     | 22.575242  | 20.0      | 2946900.0   | 0.565056 | Y    |



# Calibration

/ Chlorodibromomethane

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

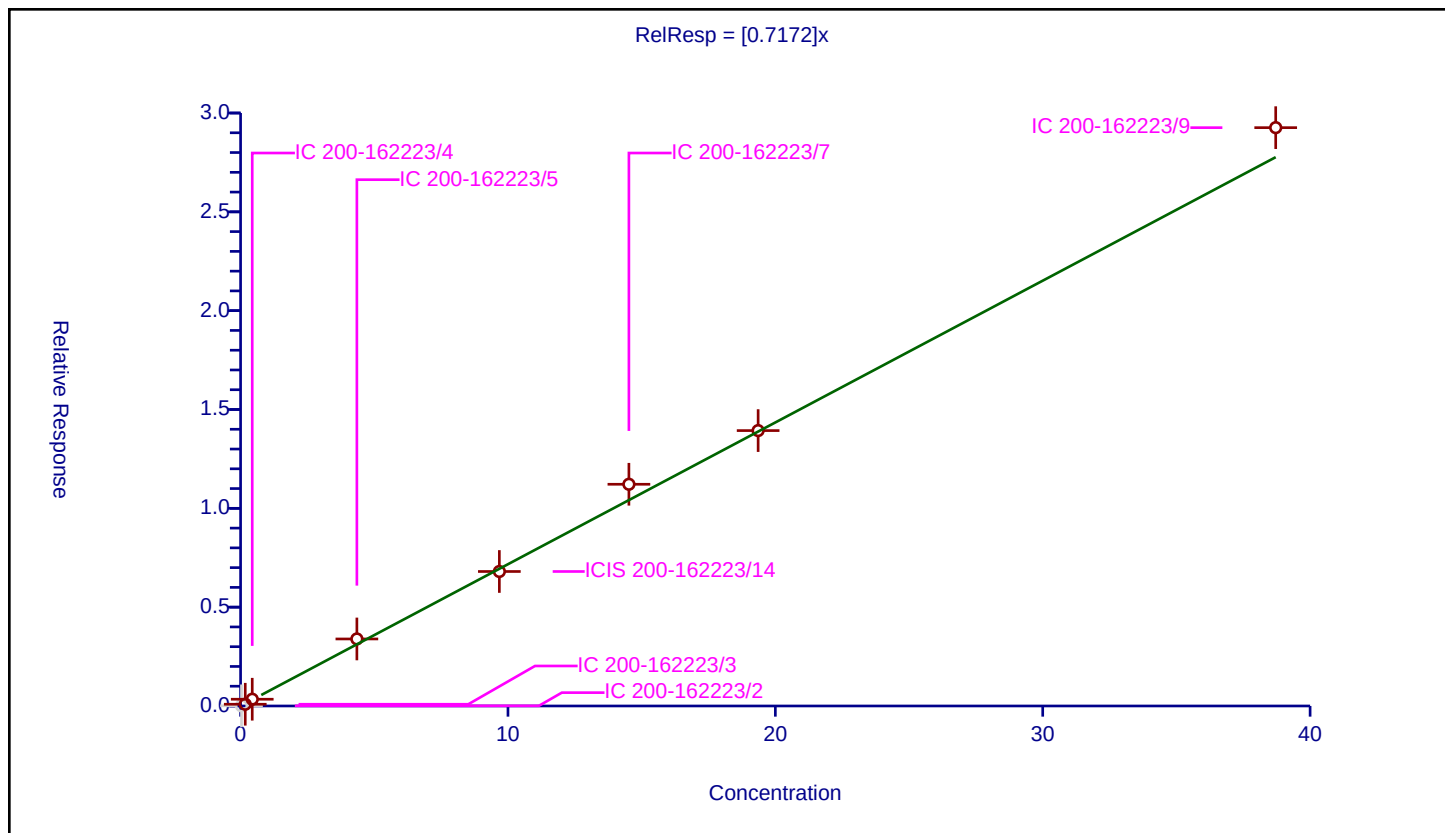
## Curve Coefficients

Intercept: 0  
 Slope: 0.7172

## Error Coefficients

Standard Error: 2050000  
 Relative Standard Error: 13.7  
 Correlation Coefficient: 0.988  
 Coefficient of Determination (Adjusted): 0.981

| ID | Level              | Concentration | Rel. Resp. | IS Amount | IS Response | RRF      | Used |
|----|--------------------|---------------|------------|-----------|-------------|----------|------|
| 1  | IC 200-162223/2    | 0.033954      | 0.00867    | 20.0      | 1926206.0   | 0.255339 | N    |
| 2  | IC 200-162223/3    | 0.174623      | 0.088314   | 20.0      | 2037732.0   | 0.50574  | Y    |
| 3  | IC 200-162223/4    | 0.435994      | 0.341872   | 20.0      | 2072294.0   | 0.784121 | Y    |
| 4  | IC 200-162223/5    | 4.349521      | 3.391284   | 20.0      | 2186039.0   | 0.779692 | Y    |
| 5  | ICIS 200-162223/14 | 9.678122      | 6.803755   | 20.0      | 3456738.0   | 0.703004 | Y    |
| 6  | IC 200-162223/7    | 14.523443     | 11.217796  | 20.0      | 2366185.0   | 0.772392 | Y    |
| 7  | IC 200-162223/8    | 19.356244     | 13.933584  | 20.0      | 2578455.0   | 0.71985  | Y    |
| 8  | IC 200-162223/9    | 38.712488     | 29.25878   | 20.0      | 2946900.0   | 0.755797 | Y    |





## Calibration

/ Ethylene Dibromide

Curve Type: Average  
Weighting: Conc\_Sq  
Origin: Force  
Dependency: Response  
Calib Mode: ISTD  
Response Base: AREA  
RF Rounding: 0

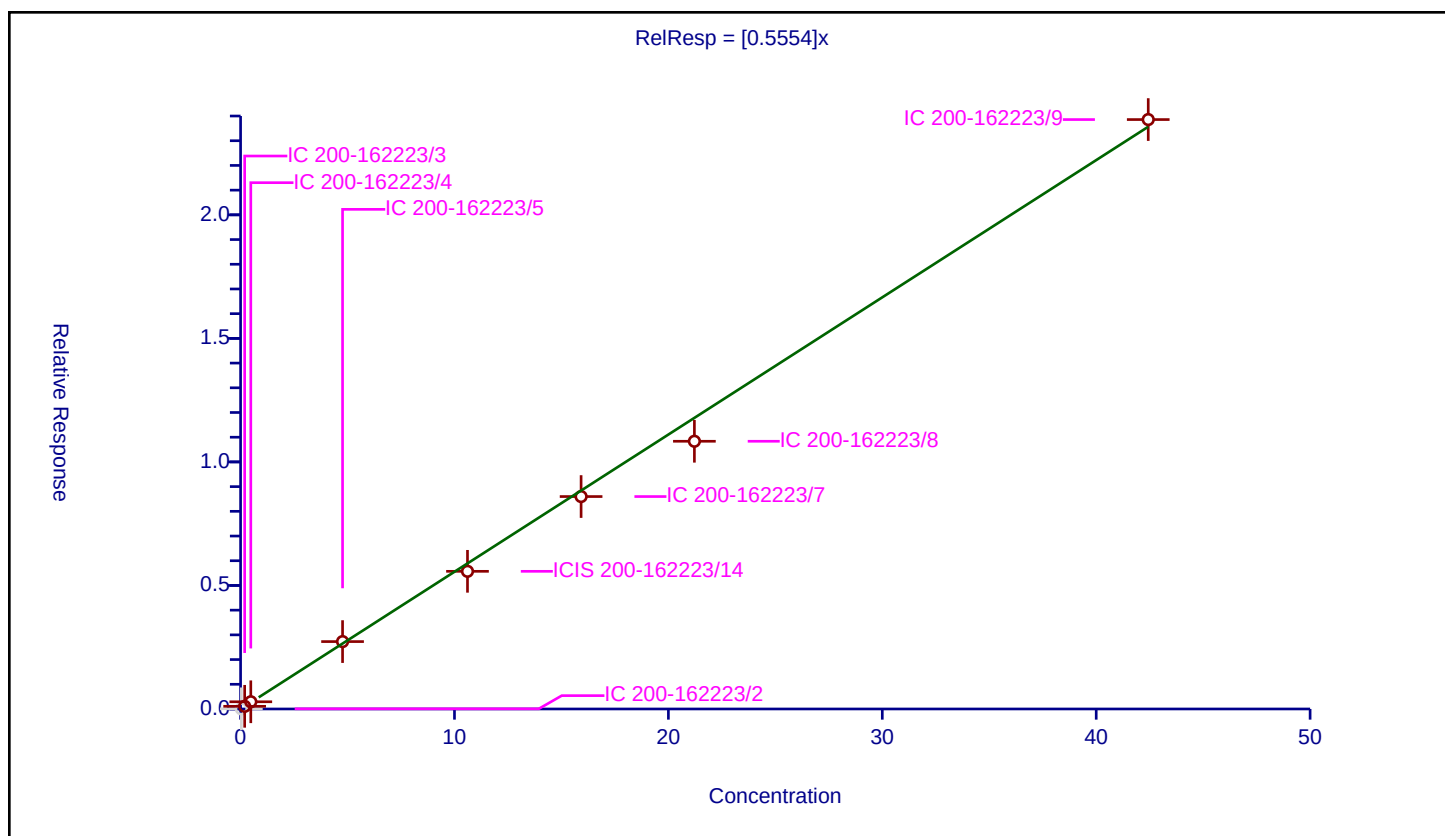
## Curve Coefficients

Intercept: 0  
Slope: 0.5554

## Error Coefficients

Standard Error: 1650000  
Relative Standard Error: 6.0  
Correlation Coefficient: 0.981  
Coefficient of Determination (Adjusted): 0.996

| ID | Level              | Concentration | Rel. Resp. | IS Amount | IS Response | RRF      | Used |
|----|--------------------|---------------|------------|-----------|-------------|----------|------|
| 1  | IC 200-162223/2    | 0.037217      | 0.006469   | 20.0      | 1926206.0   | 0.173811 | N    |
| 2  | IC 200-162223/3    | 0.1914        | 0.108405   | 20.0      | 2037732.0   | 0.566379 | Y    |
| 3  | IC 200-162223/4    | 0.477882      | 0.29186    | 20.0      | 2072294.0   | 0.610737 | Y    |
| 4  | IC 200-162223/5    | 4.767398      | 2.727682   | 20.0      | 2186039.0   | 0.572153 | Y    |
| 5  | ICIS 200-162223/14 | 10.607942     | 5.571796   | 20.0      | 3456738.0   | 0.525248 | Y    |
| 6  | IC 200-162223/7    | 15.918774     | 8.597882   | 20.0      | 2366185.0   | 0.54011  | Y    |
| 7  | IC 200-162223/8    | 21.215883     | 10.836078  | 20.0      | 2578455.0   | 0.510753 | Y    |
| 8  | IC 200-162223/9    | 42.431766     | 23.855984  | 20.0      | 2946900.0   | 0.56222  | Y    |



# Calibration

/ Chlorobenzene

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

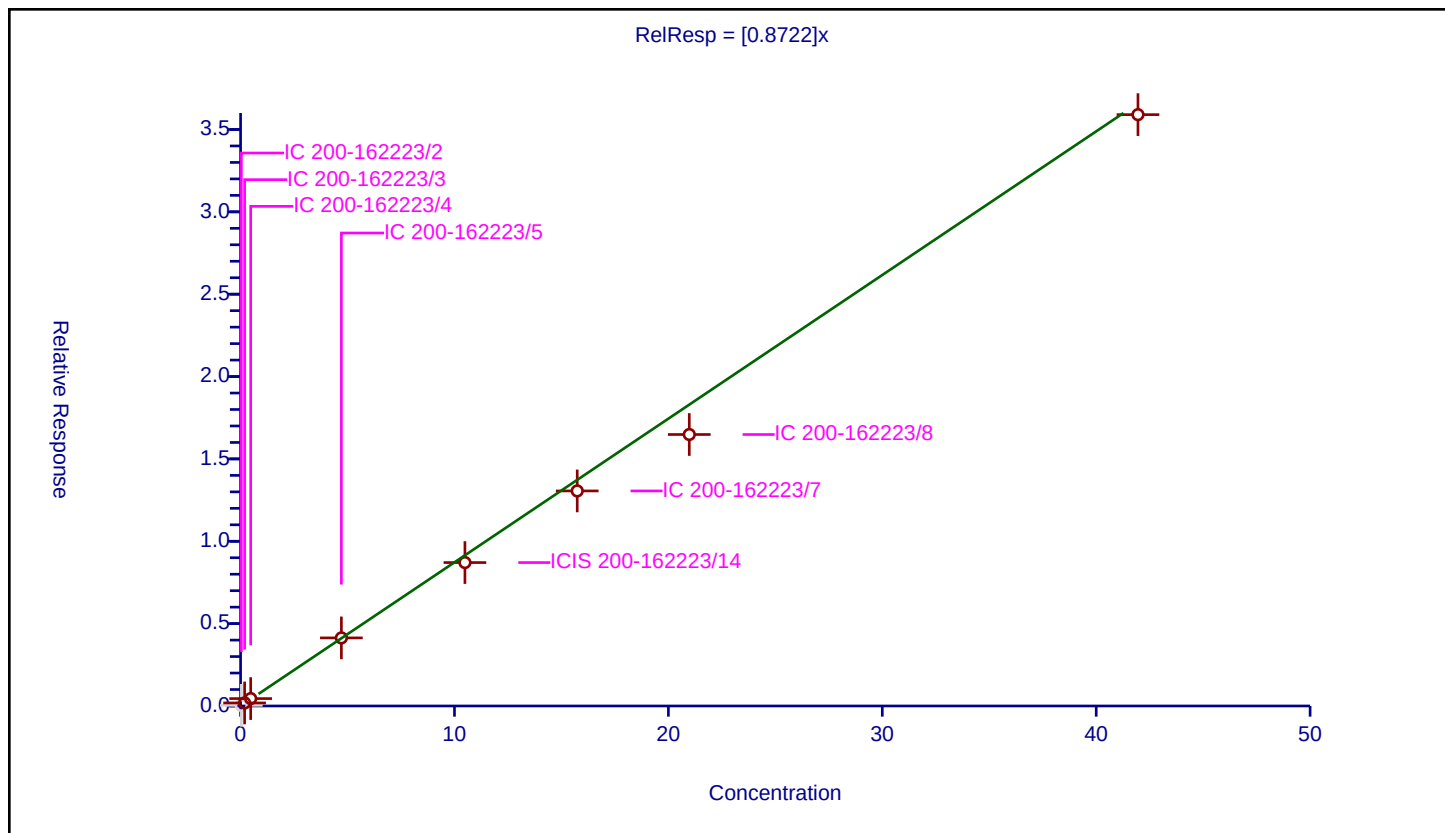
## Curve Coefficients

Intercept: 0  
 Slope: 0.8722

## Error Coefficients

Standard Error: 2500000  
 Relative Standard Error: 7.9  
 Correlation Coefficient: 0.981  
 Coefficient of Determination (Adjusted): 0.992

| ID | Level              | Concentration | Rel. Resp. | IS Amount | IS Response | RRF      | Used |
|----|--------------------|---------------|------------|-----------|-------------|----------|------|
| 1  | IC 200-162223/2    | 0.036796      | 0.039757   | 20.0      | 1926206.0   | 1.080477 | N    |
| 2  | IC 200-162223/3    | 0.189235      | 0.184843   | 20.0      | 2037732.0   | 0.976789 | Y    |
| 3  | IC 200-162223/4    | 0.472477      | 0.448913   | 20.0      | 2072294.0   | 0.950126 | Y    |
| 4  | IC 200-162223/5    | 4.713479      | 4.133339   | 20.0      | 2186039.0   | 0.876919 | Y    |
| 5  | ICIS 200-162223/14 | 10.487965     | 8.707845   | 20.0      | 3456738.0   | 0.83027  | Y    |
| 6  | IC 200-162223/7    | 15.738731     | 13.056832  | 20.0      | 2366185.0   | 0.829599 | Y    |
| 7  | IC 200-162223/8    | 20.97593      | 16.481839  | 20.0      | 2578455.0   | 0.78575  | Y    |
| 8  | IC 200-162223/9    | 41.951859     | 35.901693  | 20.0      | 2946900.0   | 0.855783 | Y    |



## Calibration

/ Ethylbenzene

Curve Type: Average  
Weighting: Conc\_Sq  
Origin: Force  
Dependency: Response  
Calib Mode: ISTD  
Response Base: AREA  
RF Rounding: 0

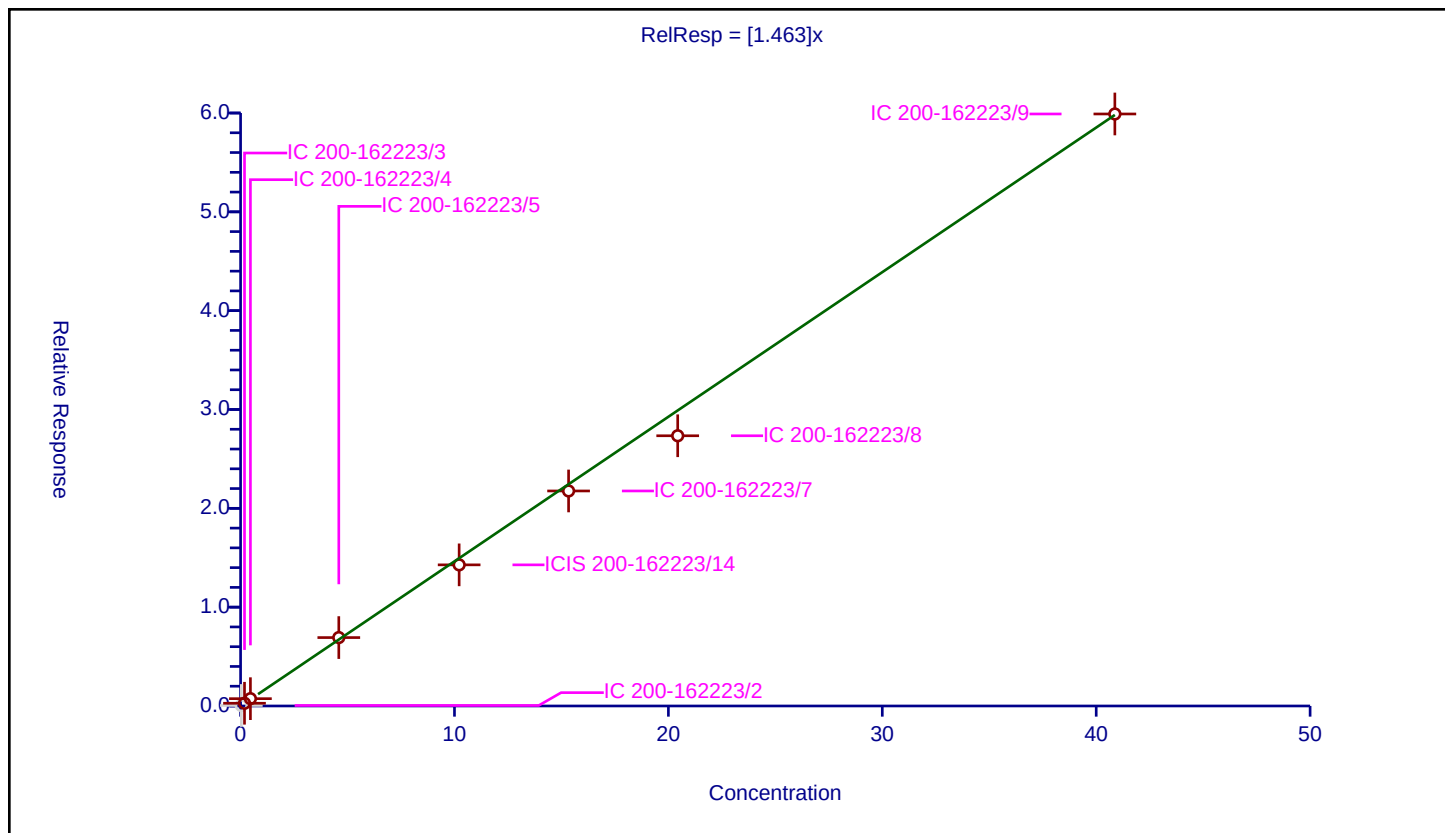
## Curve Coefficients

Intercept: 0  
Slope: 1.463

## Error Coefficients

Standard Error: 4160000  
Relative Standard Error: 6.0  
Correlation Coefficient: 0.981  
Coefficient of Determination (Adjusted): 0.996

| ID | Level              | Concentration | Rel. Resp. | IS Amount | IS Response | RRF      | Used |
|----|--------------------|---------------|------------|-----------|-------------|----------|------|
| 1  | IC 200-162223/2    | 0.035849      | 0.051978   | 20.0      | 1926206.0   | 1.449925 | N    |
| 2  | IC 200-162223/3    | 0.184364      | 0.277563   | 20.0      | 2037732.0   | 1.505516 | Y    |
| 3  | IC 200-162223/4    | 0.460316      | 0.740677   | 20.0      | 2072294.0   | 1.60906  | Y    |
| 4  | IC 200-162223/5    | 4.592159      | 6.923618   | 20.0      | 2186039.0   | 1.507704 | Y    |
| 5  | ICIS 200-162223/14 | 10.218017     | 14.280712  | 20.0      | 3456738.0   | 1.397601 | Y    |
| 6  | IC 200-162223/7    | 15.333635     | 21.758366  | 20.0      | 2366185.0   | 1.418996 | Y    |
| 7  | IC 200-162223/8    | 20.436034     | 27.343522  | 20.0      | 2578455.0   | 1.338005 | Y    |
| 8  | IC 200-162223/9    | 40.872069     | 59.904103  | 20.0      | 2946900.0   | 1.465649 | Y    |



## Calibration

/ n-Nonane

Curve Type: Average  
Weighting: Conc\_Sq  
Origin: Force  
Dependency: Response  
Calib Mode: ISTD  
Response Base: AREA  
RF Rounding: 0

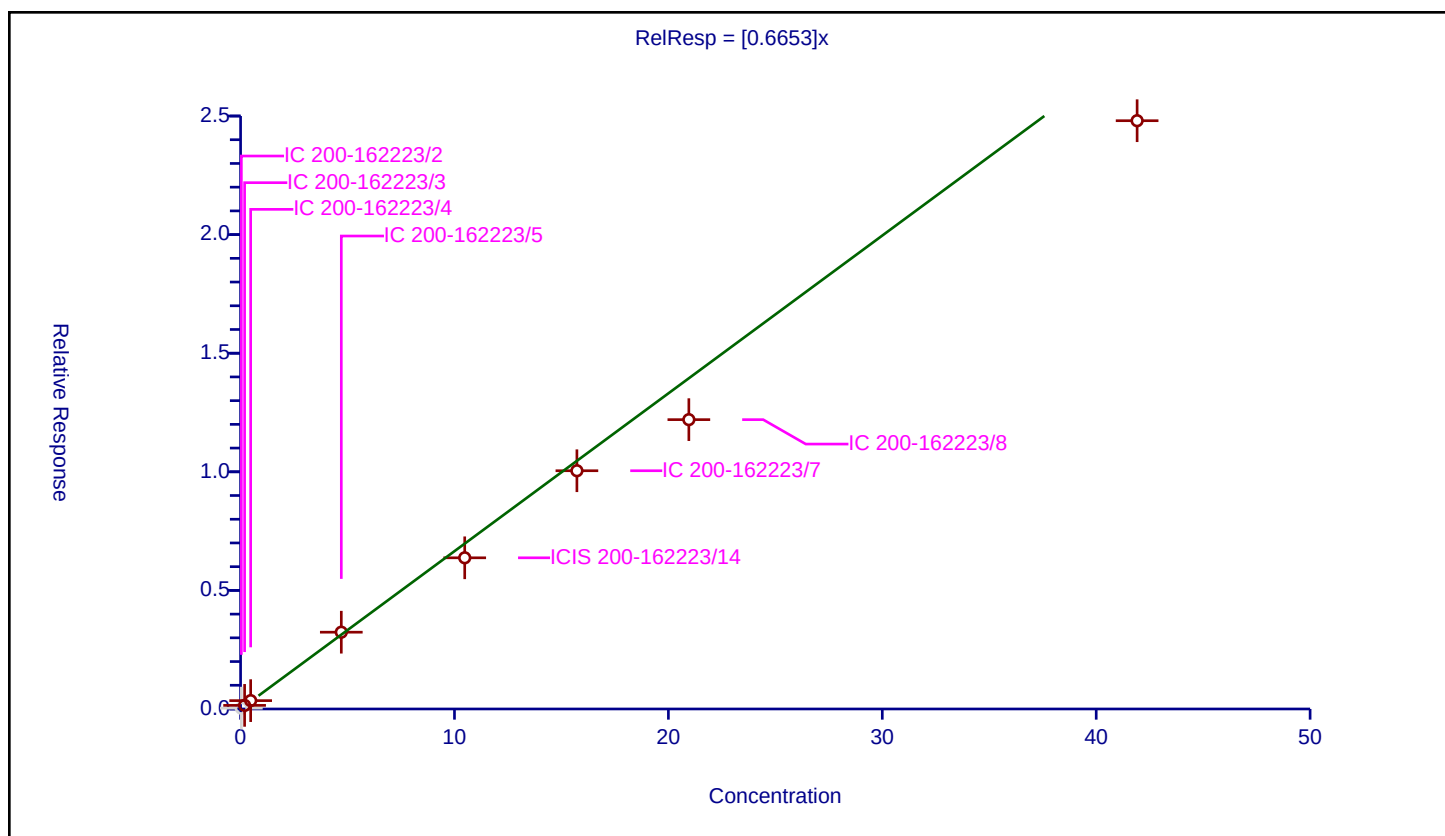
## Curve Coefficients

Intercept: 0  
Slope: 0.6653

## Error Coefficients

Standard Error: 1760000  
Relative Standard Error: 12.6  
Correlation Coefficient: 0.988  
Coefficient of Determination (Adjusted): 0.979

| ID | Level              | Concentration | Rel. Resp. | IS Amount | IS Response | RRF      | Used |
|----|--------------------|---------------|------------|-----------|-------------|----------|------|
| 1  | IC 200-162223/2    | 0.036761      | 0.035749   | 20.0      | 1926206.0   | 0.972481 | N    |
| 2  | IC 200-162223/3    | 0.189055      | 0.151816   | 20.0      | 2037732.0   | 0.803026 | Y    |
| 3  | IC 200-162223/4    | 0.472027      | 0.351967   | 20.0      | 2072294.0   | 0.745651 | Y    |
| 4  | IC 200-162223/5    | 4.708985      | 3.237893   | 20.0      | 2186039.0   | 0.687599 | Y    |
| 5  | ICIS 200-162223/14 | 10.477967     | 6.374171   | 20.0      | 3456738.0   | 0.60834  | Y    |
| 6  | IC 200-162223/7    | 15.723728     | 10.044625  | 20.0      | 2366185.0   | 0.63882  | Y    |
| 7  | IC 200-162223/8    | 20.955934     | 12.198576  | 20.0      | 2578455.0   | 0.582106 | Y    |
| 8  | IC 200-162223/9    | 41.911867     | 24.80226   | 20.0      | 2946900.0   | 0.591772 | 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

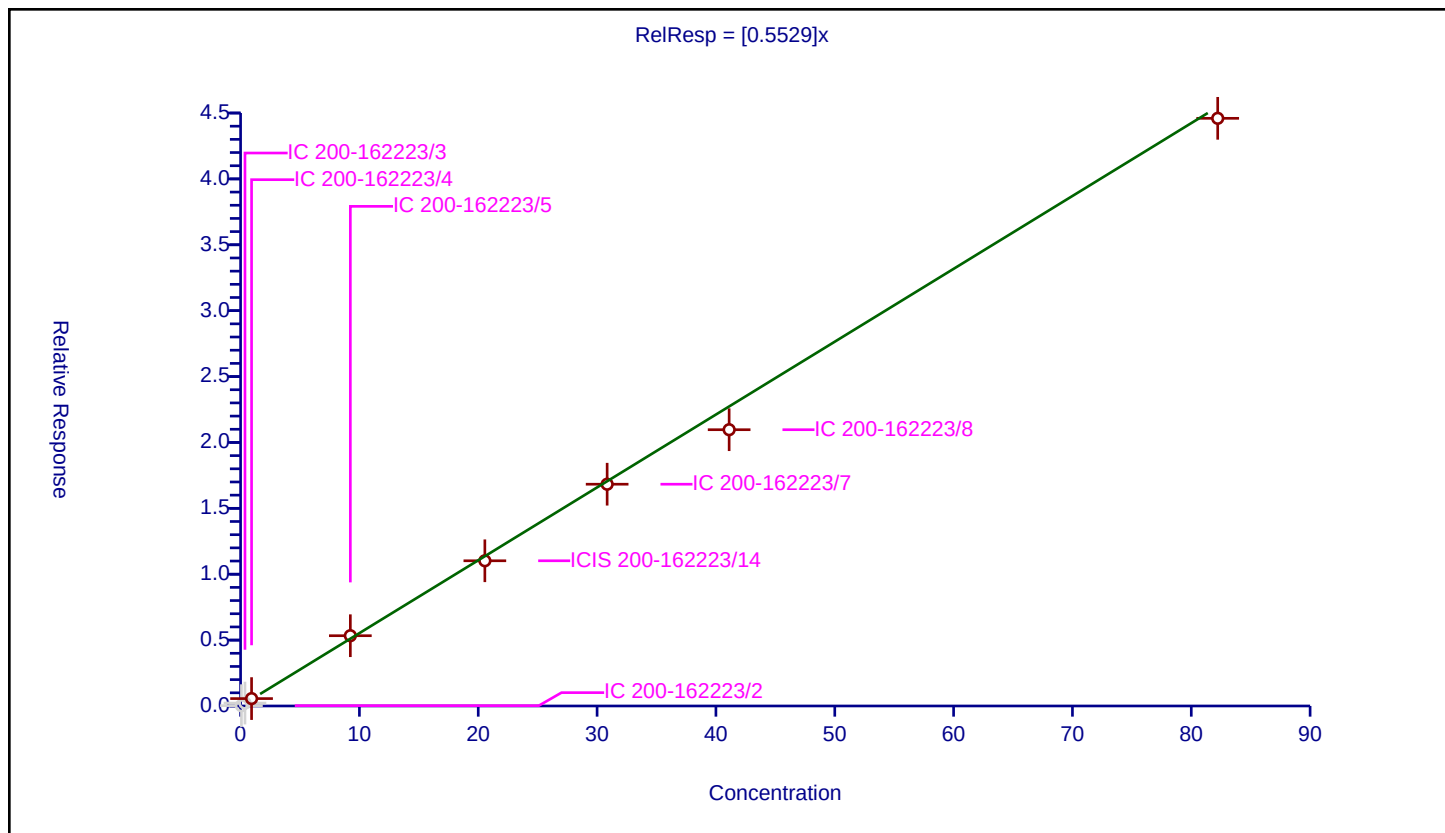
## Curve Coefficients

Intercept: 0  
 Slope: 0.5529

## Error Coefficients

Standard Error: 3420000  
 Relative Standard Error: 6.1  
 Correlation Coefficient: 0.981  
 Coefficient of Determination (Adjusted): 0.996

| ID | Level              | Concentration | Rel. Resp. | IS Amount | IS Response | RRF      | Used |
|----|--------------------|---------------|------------|-----------|-------------|----------|------|
| 1  | IC 200-162223/2    | 0.072118      | 0.026176   | 20.0      | 1926206.0   | 0.362957 | N    |
| 2  | IC 200-162223/3    | 0.370894      | 0.222306   | 20.0      | 2037732.0   | 0.599379 | N    |
| 3  | IC 200-162223/4    | 0.926037      | 0.561108   | 20.0      | 2072294.0   | 0.605923 | Y    |
| 4  | IC 200-162223/5    | 9.238238      | 5.334425   | 20.0      | 2186039.0   | 0.577429 | Y    |
| 5  | ICIS 200-162223/14 | 20.556011     | 11.020563  | 20.0      | 3456738.0   | 0.536124 | Y    |
| 6  | IC 200-162223/7    | 30.847313     | 16.829436  | 20.0      | 2366185.0   | 0.545572 | Y    |
| 7  | IC 200-162223/8    | 41.112022     | 20.967013  | 20.0      | 2578455.0   | 0.509997 | Y    |
| 8  | IC 200-162223/9    | 82.224044     | 44.597231  | 20.0      | 2946900.0   | 0.542387 | Y    |



## Calibration

/ o-Xylene

Curve Type: Average  
Weighting: Conc\_Sq  
Origin: Force  
Dependency: Response  
Calib Mode: ISTD  
Response Base: AREA  
RF Rounding: 0

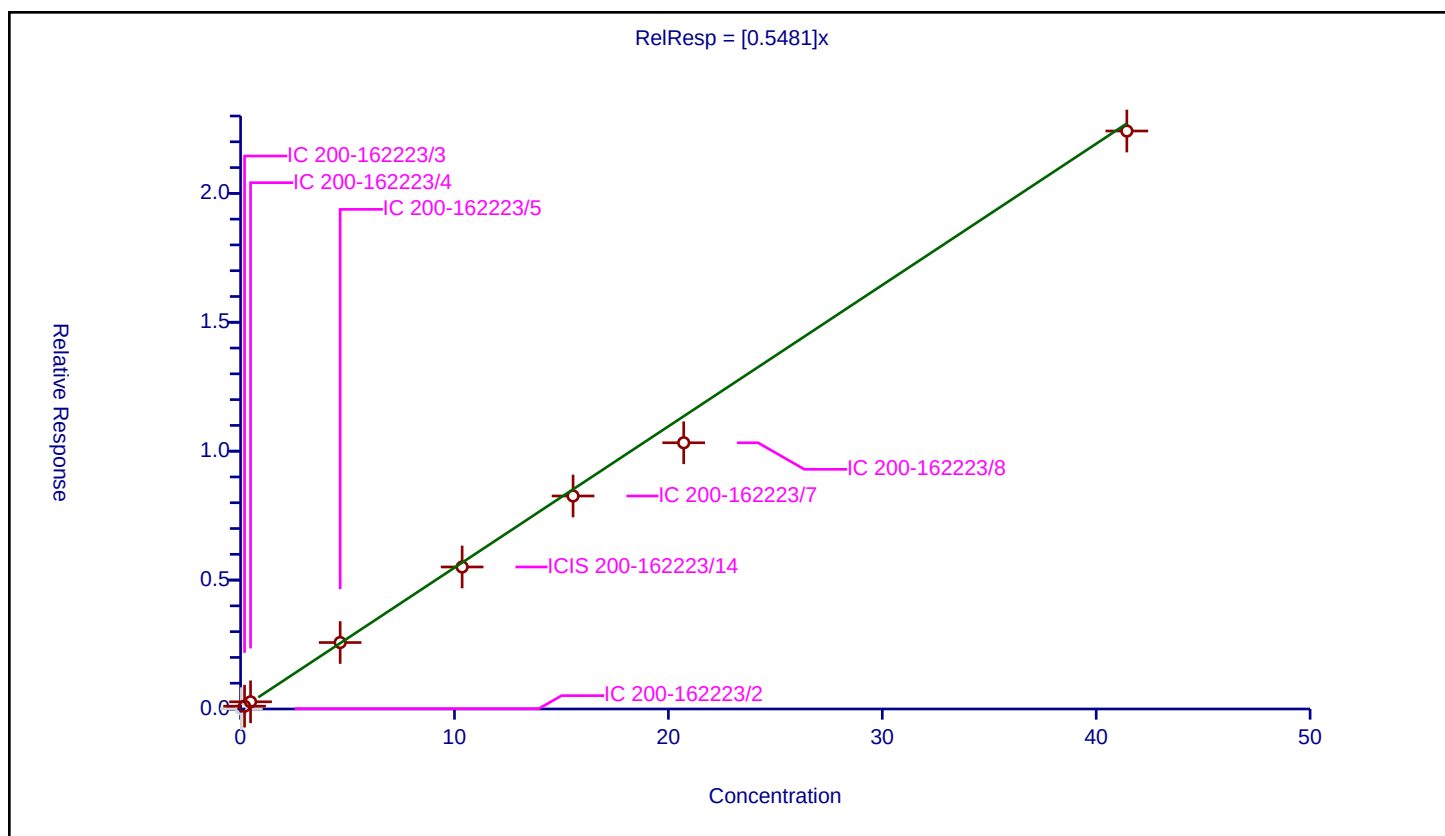
## Curve Coefficients

Intercept: 0  
Slope: 0.5481

## Error Coefficients

Standard Error: 1560000  
Relative Standard Error: 6.1  
Correlation Coefficient: 0.981  
Coefficient of Determination (Adjusted): 0.995

| ID | Level              | Concentration | Rel. Resp. | IS Amount | IS Response | RRF      | Used |
|----|--------------------|---------------|------------|-----------|-------------|----------|------|
| 1  | IC 200-162223/2    | 0.03634       | 0.010809   | 20.0      | 1926206.0   | 0.297438 | N    |
| 2  | IC 200-162223/3    | 0.18689       | 0.108758   | 20.0      | 2037732.0   | 0.581937 | Y    |
| 3  | IC 200-162223/4    | 0.466622      | 0.279188   | 20.0      | 2072294.0   | 0.598318 | Y    |
| 4  | IC 200-162223/5    | 4.655066      | 2.577914   | 20.0      | 2186039.0   | 0.553787 | Y    |
| 5  | ICIS 200-162223/14 | 10.35799      | 5.507875   | 20.0      | 3456738.0   | 0.531751 | Y    |
| 6  | IC 200-162223/7    | 15.543685     | 8.261501   | 20.0      | 2366185.0   | 0.531502 | Y    |
| 7  | IC 200-162223/8    | 20.71598      | 10.326339  | 20.0      | 2578455.0   | 0.498472 | Y    |
| 8  | IC 200-162223/9    | 41.43196      | 22.418752  | 20.0      | 2946900.0   | 0.541098 | Y    |



# Calibration

/ Styrene

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

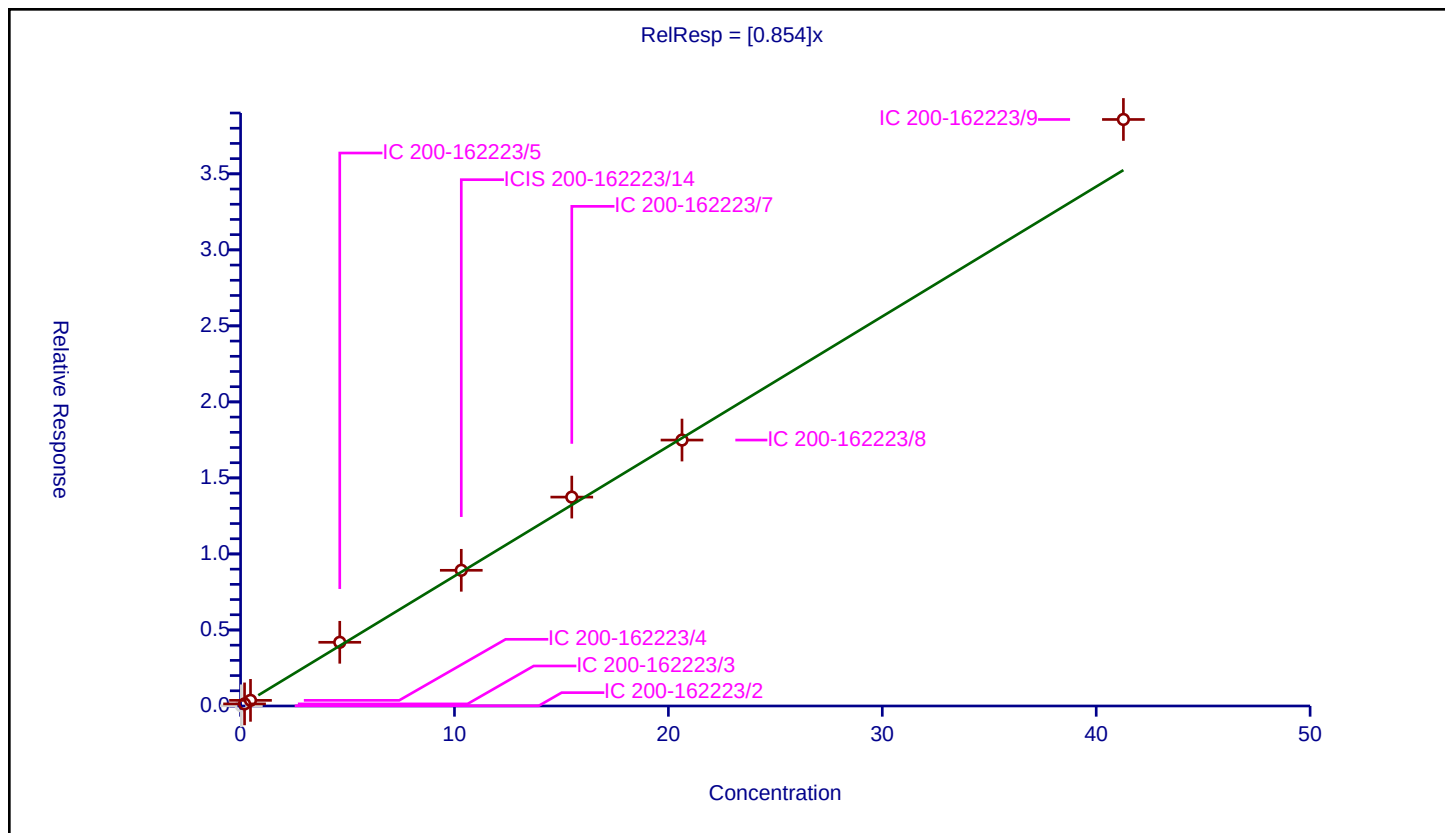
## Curve Coefficients

Intercept: 0  
 Slope: 0.854

## Error Coefficients

Standard Error: 2670000  
 Relative Standard Error: 7.7  
 Correlation Coefficient: 0.981  
 Coefficient of Determination (Adjusted): 0.994

| ID | Level              | Concentration | Rel. Resp. | IS Amount | IS Response | RRF      | Used |
|----|--------------------|---------------|------------|-----------|-------------|----------|------|
| 1  | IC 200-162223/2    | 0.036199      | 0.013976   | 20.0      | 1926206.0   | 0.386074 | N    |
| 2  | IC 200-162223/3    | 0.186168      | 0.138242   | 20.0      | 2037732.0   | 0.742564 | Y    |
| 3  | IC 200-162223/4    | 0.46482       | 0.370642   | 20.0      | 2072294.0   | 0.797388 | Y    |
| 4  | IC 200-162223/5    | 4.637092      | 4.188937   | 20.0      | 2186039.0   | 0.903354 | Y    |
| 5  | ICIS 200-162223/14 | 10.317998     | 8.92483    | 20.0      | 3456738.0   | 0.864977 | Y    |
| 6  | IC 200-162223/7    | 15.483671     | 13.738841  | 20.0      | 2366185.0   | 0.887312 | Y    |
| 7  | IC 200-162223/8    | 20.635996     | 17.491219  | 20.0      | 2578455.0   | 0.847607 | Y    |
| 8  | IC 200-162223/9    | 41.271991     | 38.575846  | 20.0      | 2946900.0   | 0.934674 | Y    |



## Calibration

/ Bromoform

Curve Type: Average  
Weighting: Conc\_Sq  
Origin: Force  
Dependency: Response  
Calib Mode: ISTD  
Response Base: AREA  
RF Rounding: 0

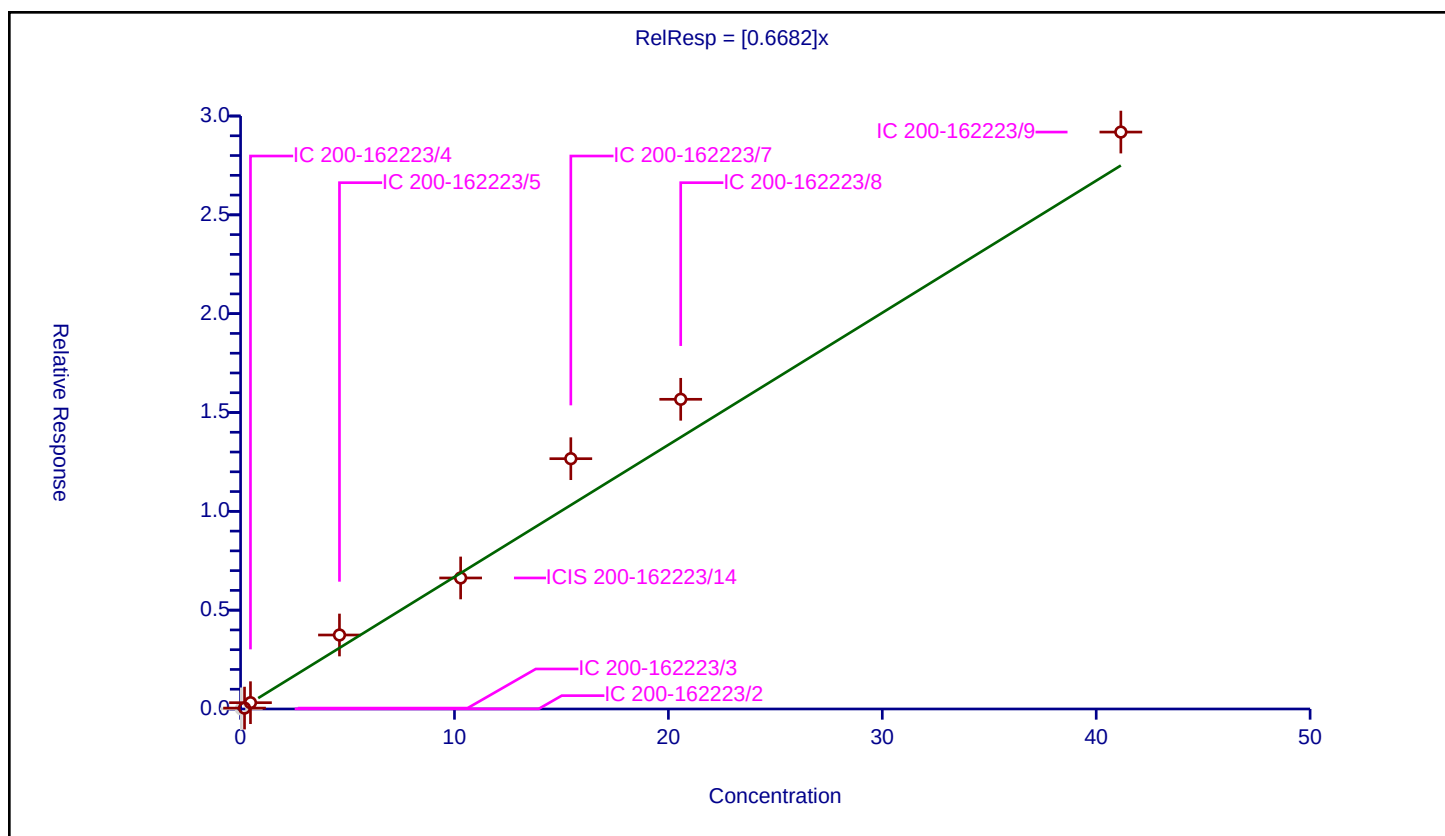
## Curve Coefficients

Intercept: 0  
Slope: 0.6682

## Error Coefficients

Standard Error: 2090000  
Relative Standard Error: 29.6  
Correlation Coefficient: 0.998  
Coefficient of Determination (Adjusted): 0.924

| ID | Level              | Concentration | Rel. Resp. | IS Amount | IS Response | RRF      | Used |
|----|--------------------|---------------|------------|-----------|-------------|----------|------|
| 1  | IC 200-162223/2    | 0.036094      | 0.007808   | 20.0      | 1926206.0   | 0.216326 | N    |
| 2  | IC 200-162223/3    | 0.185627      | 0.045335   | 20.0      | 2037732.0   | 0.244225 | Y    |
| 3  | IC 200-162223/4    | 0.463469      | 0.318903   | 20.0      | 2072294.0   | 0.688077 | Y    |
| 4  | IC 200-162223/5    | 4.623612      | 3.74373    | 20.0      | 2186039.0   | 0.809698 | Y    |
| 5  | ICIS 200-162223/14 | 10.288004     | 6.629065   | 20.0      | 3456738.0   | 0.644349 | Y    |
| 6  | IC 200-162223/7    | 15.43866      | 12.663262  | 20.0      | 2366185.0   | 0.820231 | Y    |
| 7  | IC 200-162223/8    | 20.576007     | 15.667801  | 20.0      | 2578455.0   | 0.76146  | Y    |
| 8  | IC 200-162223/9    | 41.152014     | 29.187553  | 20.0      | 2946900.0   | 0.709262 | Y    |





# Calibration

/ Isopropylbenzene

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

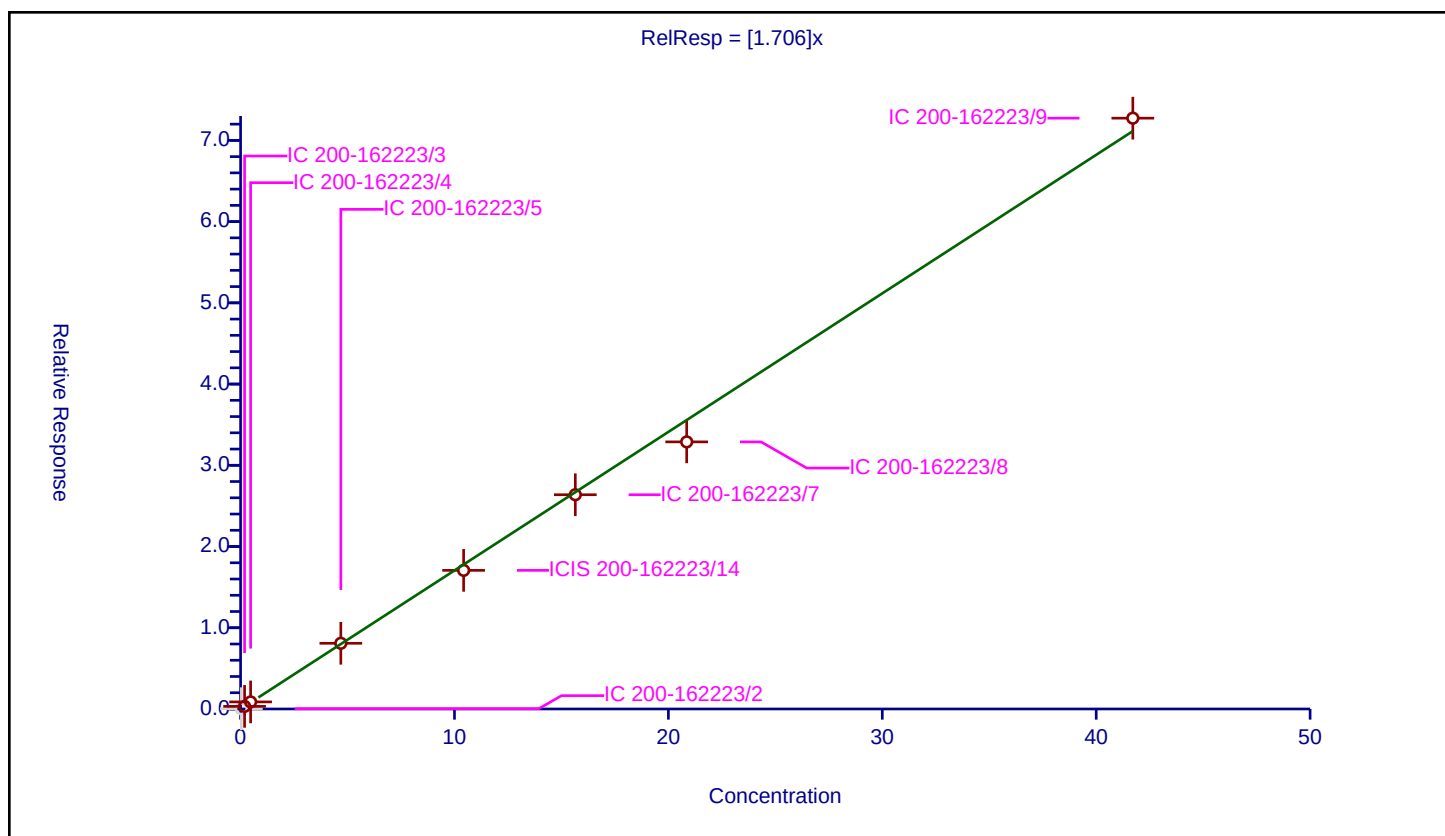
## Curve Coefficients

Intercept: 0  
 Slope: 1.706

## Error Coefficients

Standard Error: 5030000  
 Relative Standard Error: 5.1  
 Correlation Coefficient: 0.981  
 Coefficient of Determination (Adjusted): 0.997

| ID | Level              | Concentration | Rel. Resp. | IS Amount | IS Response | RRF      | Used |
|----|--------------------|---------------|------------|-----------|-------------|----------|------|
| 1  | IC 200-162223/2    | 0.036585      | 0.035645   | 20.0      | 1926206.0   | 0.974305 | N    |
| 2  | IC 200-162223/3    | 0.188153      | 0.323124   | 20.0      | 2037732.0   | 1.717349 | Y    |
| 3  | IC 200-162223/4    | 0.469775      | 0.87033    | 20.0      | 2072294.0   | 1.852654 | Y    |
| 4  | IC 200-162223/5    | 4.686519      | 8.088877   | 20.0      | 2186039.0   | 1.725988 | Y    |
| 5  | ICIS 200-162223/14 | 10.427976     | 17.066419  | 20.0      | 3456738.0   | 1.636599 | Y    |
| 6  | IC 200-162223/7    | 15.64871      | 26.376053  | 20.0      | 2366185.0   | 1.68551  | Y    |
| 7  | IC 200-162223/8    | 20.855953     | 32.882971  | 20.0      | 2578455.0   | 1.576671 | Y    |
| 8  | IC 200-162223/9    | 41.711906     | 72.735254  | 20.0      | 2946900.0   | 1.743753 | 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

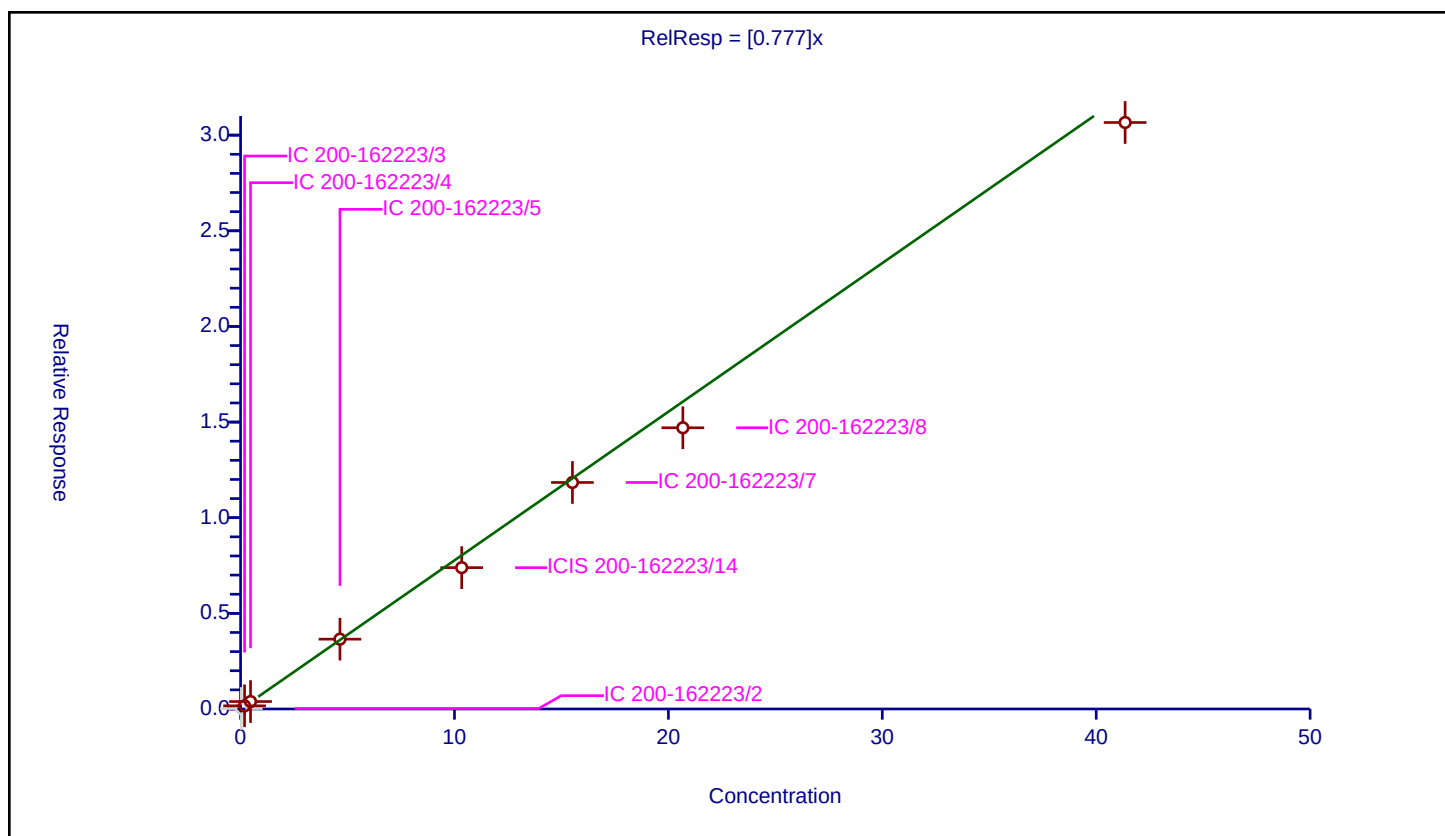
## Curve Coefficients

Intercept: 0  
Slope: 0.777

## Error Coefficients

Standard Error: 2150000  
Relative Standard Error: 8.4  
Correlation Coefficient: 0.987  
Coefficient of Determination (Adjusted): 0.991

| ID | Level              | Concentration | Rel. Resp. | IS Amount | IS Response | RRF      | Used |
|----|--------------------|---------------|------------|-----------|-------------|----------|------|
| 1  | IC 200-162223/2    | 0.03627       | 0.02412    | 20.0      | 1926206.0   | 0.665019 | N    |
| 2  | IC 200-162223/3    | 0.186529      | 0.16539    | 20.0      | 2037732.0   | 0.88667  | Y    |
| 3  | IC 200-162223/4    | 0.465721      | 0.38951    | 20.0      | 2072294.0   | 0.83636  | Y    |
| 4  | IC 200-162223/5    | 4.646079      | 3.650154   | 20.0      | 2186039.0   | 0.785642 | Y    |
| 5  | ICIS 200-162223/14 | 10.337994     | 7.389209   | 20.0      | 3456738.0   | 0.714762 | Y    |
| 6  | IC 200-162223/7    | 15.513678     | 11.842244  | 20.0      | 2366185.0   | 0.763342 | Y    |
| 7  | IC 200-162223/8    | 20.675988     | 14.701478  | 20.0      | 2578455.0   | 0.711041 | Y    |
| 8  | IC 200-162223/9    | 41.351976     | 30.661068  | 20.0      | 2946900.0   | 0.741466 | 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

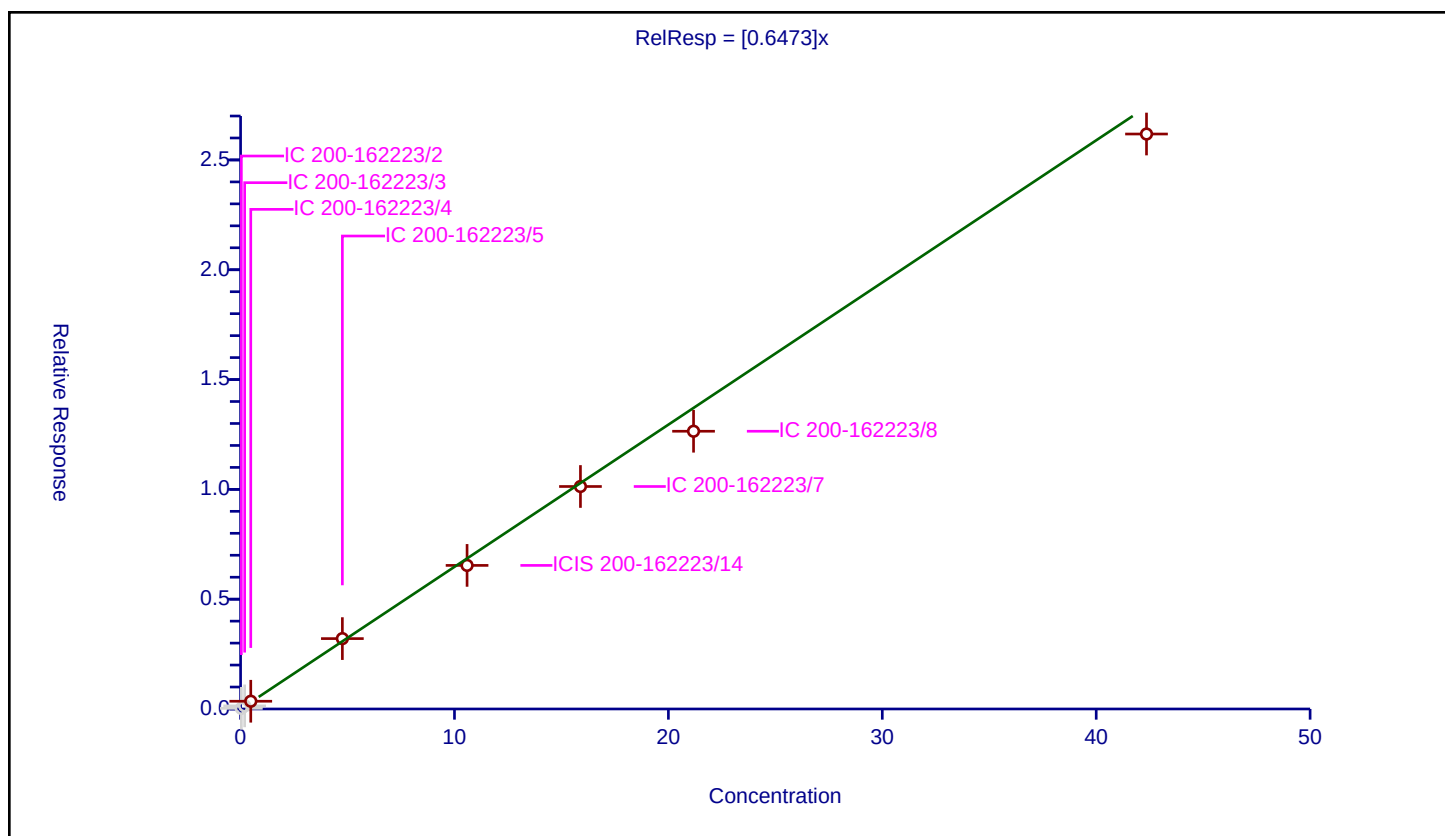
## Curve Coefficients

Intercept: 0  
Slope: 0.6473

## Error Coefficients

Standard Error: 2020000  
Relative Standard Error: 8.1  
Correlation Coefficient: 0.984  
Coefficient of Determination (Adjusted): 0.992

| ID | Level              | Concentration | Rel. Resp. | IS Amount | IS Response | RRF      | Used |
|----|--------------------|---------------|------------|-----------|-------------|----------|------|
| 1  | IC 200-162223/2    | 0.037146      | 0.029291   | 20.0      | 1926206.0   | 0.78852  | N    |
| 2  | IC 200-162223/3    | 0.191039      | 0.14203    | 20.0      | 2037732.0   | 0.743463 | N    |
| 3  | IC 200-162223/4    | 0.476981      | 0.353      | 20.0      | 2072294.0   | 0.740071 | Y    |
| 4  | IC 200-162223/5    | 4.758412      | 3.204783   | 20.0      | 2186039.0   | 0.673498 | Y    |
| 5  | ICIS 200-162223/14 | 10.587945     | 6.538494   | 20.0      | 3456738.0   | 0.617541 | Y    |
| 6  | IC 200-162223/7    | 15.888767     | 10.130281  | 20.0      | 2366185.0   | 0.637575 | Y    |
| 7  | IC 200-162223/8    | 21.175891     | 12.646286  | 20.0      | 2578455.0   | 0.597202 | Y    |
| 8  | IC 200-162223/9    | 42.351782     | 26.17987   | 20.0      | 2946900.0   | 0.618153 | Y    |



## Calibration

/ N-Propylbenzene

Curve Type: Average  
Weighting: Conc\_Sq  
Origin: Force  
Dependency: Response  
Calib Mode: ISTD  
Response Base: AREA  
RF Rounding: 0

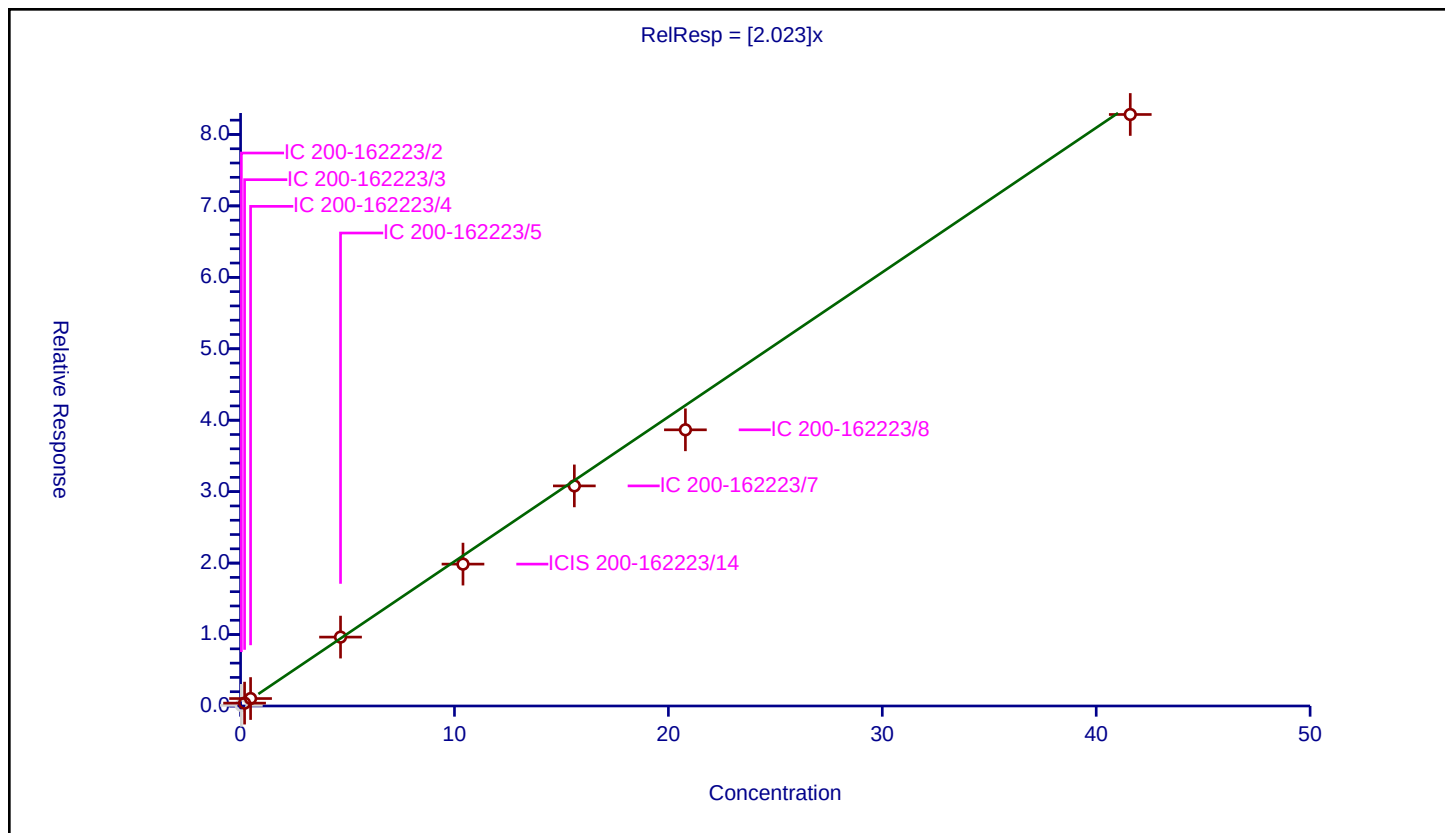
## Curve Coefficients

Intercept: 0  
Slope: 2.023

## Error Coefficients

Standard Error: 5770000  
Relative Standard Error: 6.4  
Correlation Coefficient: 0.984  
Coefficient of Determination (Adjusted): 0.995

| ID | Level              | Concentration | Rel. Resp. | IS Amount | IS Response | RRF      | Used |
|----|--------------------|---------------|------------|-----------|-------------|----------|------|
| 1  | IC 200-162223/2    | 0.03648       | 0.088028   | 20.0      | 1926206.0   | 2.413046 | N    |
| 2  | IC 200-162223/3    | 0.187612      | 0.401623   | 20.0      | 2037732.0   | 2.140716 | Y    |
| 3  | IC 200-162223/4    | 0.468424      | 1.0427     | 20.0      | 2072294.0   | 2.225976 | Y    |
| 4  | IC 200-162223/5    | 4.673039      | 9.643561   | 20.0      | 2186039.0   | 2.063659 | Y    |
| 5  | ICIS 200-162223/14 | 10.397982     | 19.859098  | 20.0      | 3456738.0   | 1.909899 | Y    |
| 6  | IC 200-162223/7    | 15.603699     | 30.806611  | 20.0      | 2366185.0   | 1.974315 | Y    |
| 7  | IC 200-162223/8    | 20.795965     | 38.657281  | 20.0      | 2578455.0   | 1.858884 | Y    |
| 8  | IC 200-162223/9    | 41.591929     | 82.796491  | 20.0      | 2946900.0   | 1.990686 | Y    |



## Calibration

## / 2-Chlorotoluene

Curve Type: Average  
Weighting: Conc\_Sq  
Origin: Force  
Dependency: Response  
Calib Mode: ISTD  
Response Base: AREA  
RF Rounding: 0

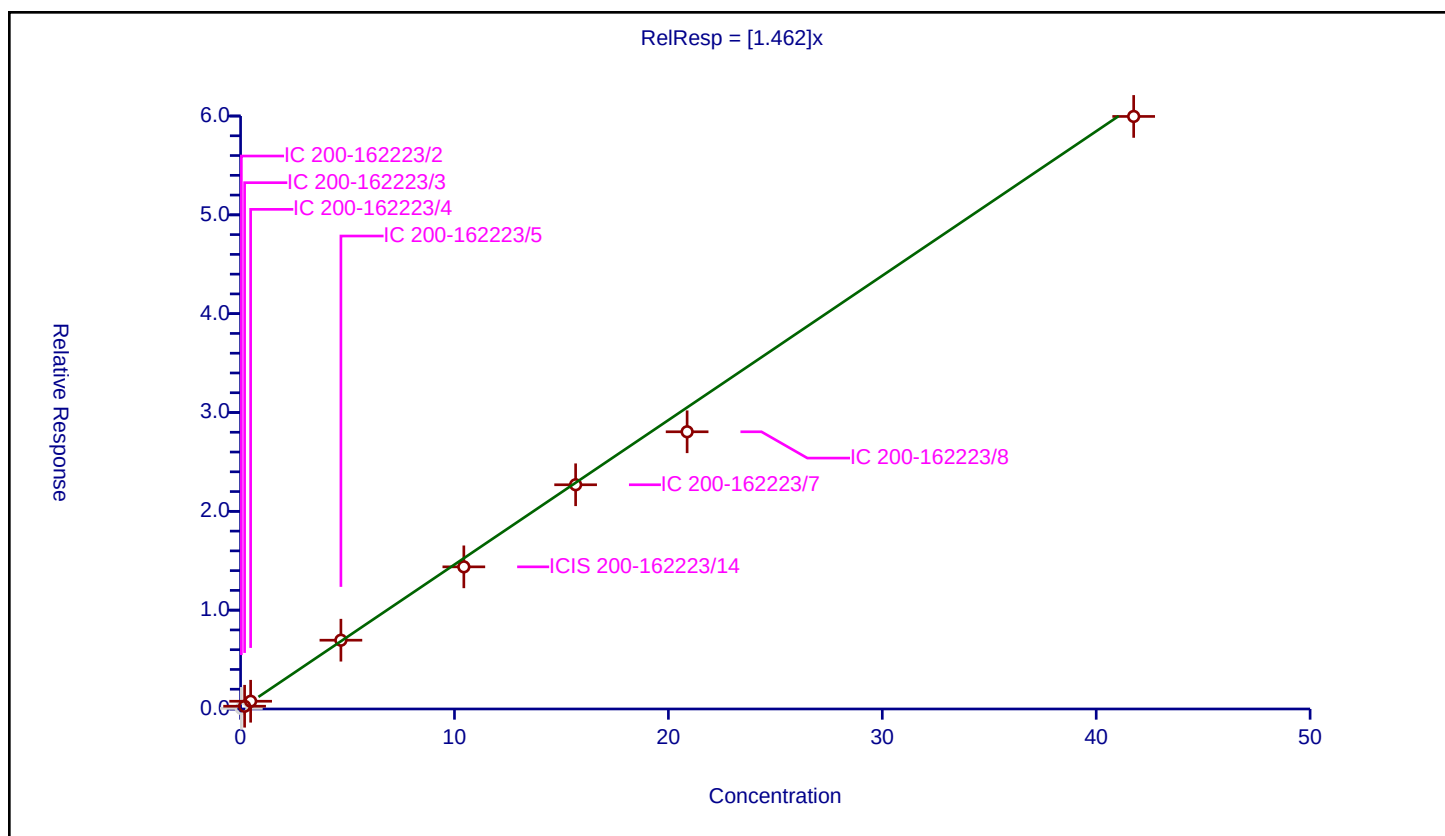
## Curve Coefficients

Intercept: 0  
Slope: 1.462

## Error Coefficients

Standard Error: 4190000  
Relative Standard Error: 7.0  
Correlation Coefficient: 0.985  
Coefficient of Determination (Adjusted): 0.994

| ID | Level              | Concentration | Rel. Resp. | IS Amount | IS Response | RRF      | Used |
|----|--------------------|---------------|------------|-----------|-------------|----------|------|
| 1  | IC 200-162223/2    | 0.03662       | 0.061146   | 20.0      | 1926206.0   | 1.669731 | N    |
| 2  | IC 200-162223/3    | 0.188333      | 0.277917   | 20.0      | 2037732.0   | 1.475666 | Y    |
| 3  | IC 200-162223/4    | 0.470225      | 0.782804   | 20.0      | 2072294.0   | 1.664743 | Y    |
| 4  | IC 200-162223/5    | 4.691012      | 6.961367   | 20.0      | 2186039.0   | 1.48398  | Y    |
| 5  | ICIS 200-162223/14 | 10.437975     | 14.383092  | 20.0      | 3456738.0   | 1.377958 | Y    |
| 6  | IC 200-162223/7    | 15.663713     | 22.688496  | 20.0      | 2366185.0   | 1.448475 | Y    |
| 7  | IC 200-162223/8    | 20.875949     | 28.050728  | 20.0      | 2578455.0   | 1.343686 | Y    |
| 8  | IC 200-162223/9    | 41.751898     | 59.957637  | 20.0      | 2946900.0   | 1.436046 | Y    |



## Calibration

/ 4-Ethyltoluene

Curve Type: Average  
Weighting: Conc\_Sq  
Origin: Force  
Dependency: Response  
Calib Mode: ISTD  
Response Base: AREA  
RF Rounding: 0

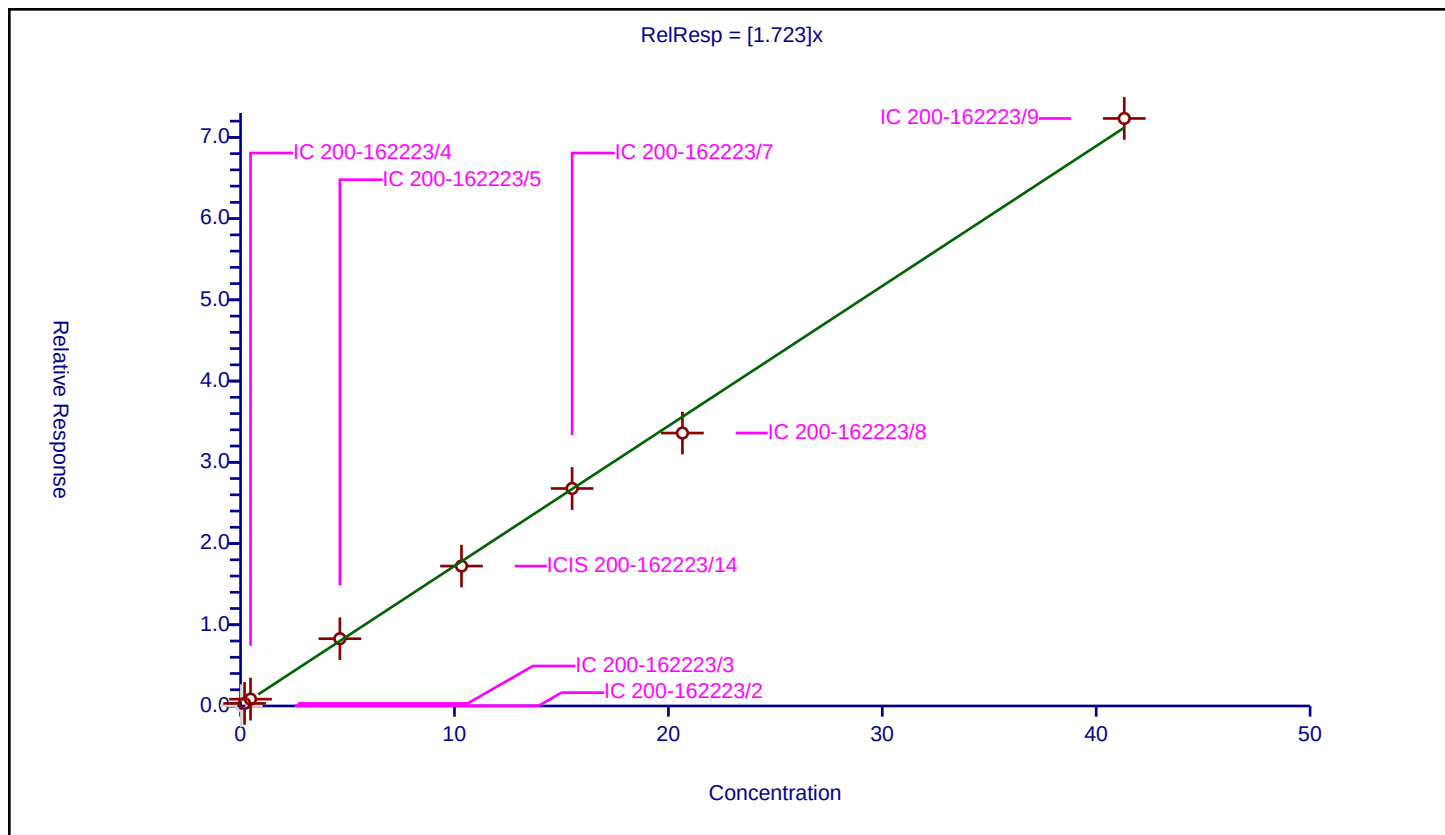
## Curve Coefficients

Intercept: 0  
Slope: 1.723

## Error Coefficients

Standard Error: 5030000  
Relative Standard Error: 3.8  
Correlation Coefficient: 0.984  
Coefficient of Determination (Adjusted): 0.998

| ID | Level              | Concentration | Rel. Resp. | IS Amount | IS Response | RRF      | Used |
|----|--------------------|---------------|------------|-----------|-------------|----------|------|
| 1  | IC 200-162223/2    | 0.036234      | 0.037867   | 20.0      | 1926206.0   | 1.045059 | N    |
| 2  | IC 200-162223/3    | 0.186349      | 0.316185   | 20.0      | 2037732.0   | 1.696737 | Y    |
| 3  | IC 200-162223/4    | 0.465271      | 0.841821   | 20.0      | 2072294.0   | 1.809314 | Y    |
| 4  | IC 200-162223/5    | 4.641586      | 8.284921   | 20.0      | 2186039.0   | 1.784933 | Y    |
| 5  | ICIS 200-162223/14 | 10.327996     | 17.224187  | 20.0      | 3456738.0   | 1.667718 | Y    |
| 6  | IC 200-162223/7    | 15.498674     | 26.776698  | 20.0      | 2366185.0   | 1.727677 | Y    |
| 7  | IC 200-162223/8    | 20.655992     | 33.602665  | 20.0      | 2578455.0   | 1.626776 | Y    |
| 8  | IC 200-162223/9    | 41.311983     | 72.328684  | 20.0      | 2946900.0   | 1.750792 | Y    |



## Calibration

/ n-Decane

Curve Type: Average  
Weighting: Conc\_Sq  
Origin: Force  
Dependency: Response  
Calib Mode: ISTD  
Response Base: AREA  
RF Rounding: 0

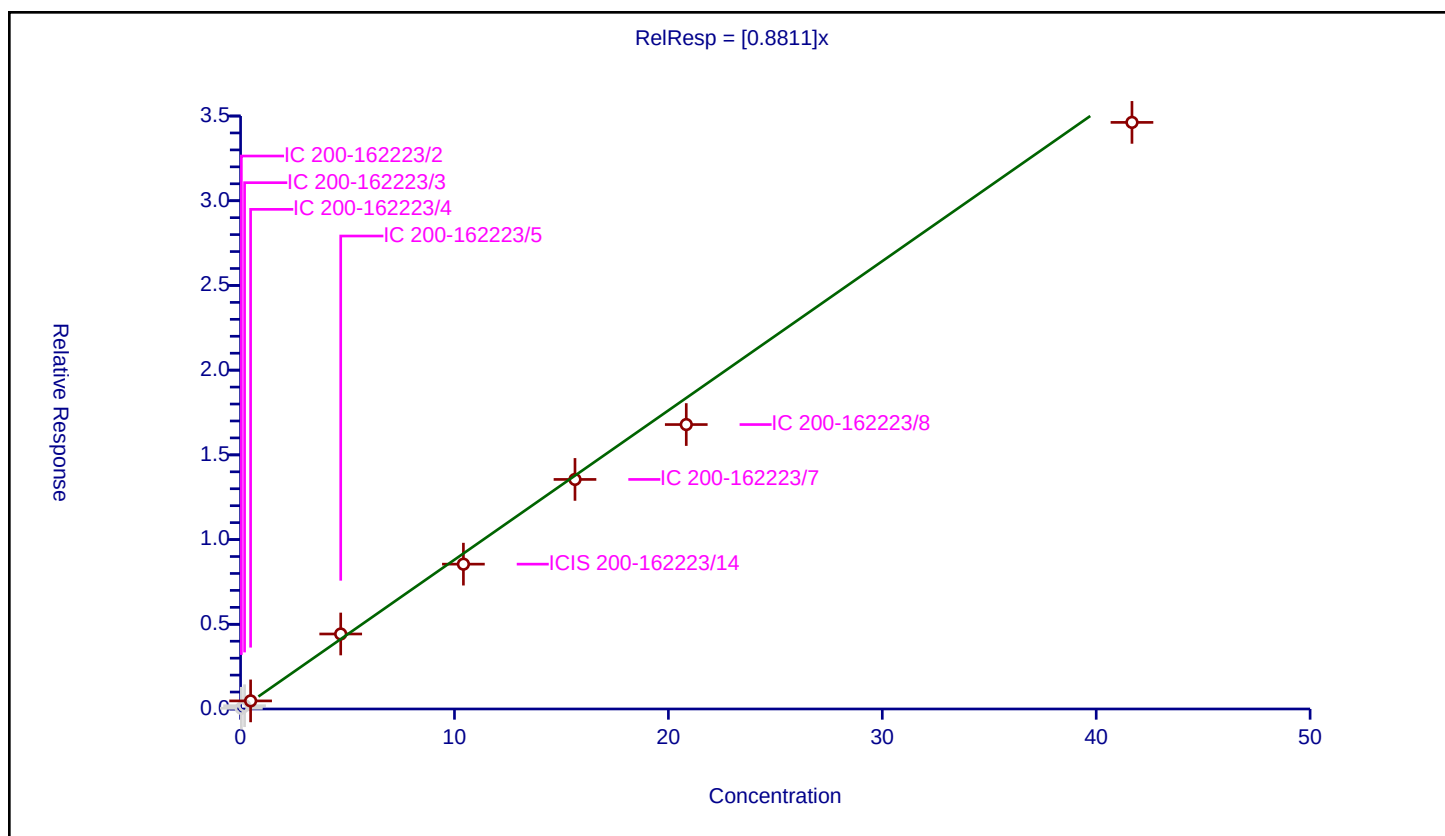
## Curve Coefficients

Intercept: 0  
Slope: 0.8811

## Error Coefficients

Standard Error: 2670000  
Relative Standard Error: 9.5  
Correlation Coefficient: 0.985  
Coefficient of Determination (Adjusted): 0.989

| ID | Level              | Concentration | Rel. Resp. | IS Amount | IS Response | RRF      | Used |
|----|--------------------|---------------|------------|-----------|-------------|----------|------|
| 1  | IC 200-162223/2    | 0.03655       | 0.043786   | 20.0      | 1926206.0   | 1.197958 | N    |
| 2  | IC 200-162223/3    | 0.187972      | 0.193333   | 20.0      | 2037732.0   | 1.028516 | N    |
| 3  | IC 200-162223/4    | 0.469324      | 0.477316   | 20.0      | 2072294.0   | 1.017029 | Y    |
| 4  | IC 200-162223/5    | 4.682025      | 4.427561   | 20.0      | 2186039.0   | 0.945651 | Y    |
| 5  | ICIS 200-162223/14 | 10.417978     | 8.549829   | 20.0      | 3456738.0   | 0.82068  | Y    |
| 6  | IC 200-162223/7    | 15.633706     | 13.549811  | 20.0      | 2366185.0   | 0.866705 | Y    |
| 7  | IC 200-162223/8    | 20.835957     | 16.788193  | 20.0      | 2578455.0   | 0.805732 | Y    |
| 8  | IC 200-162223/9    | 41.671914     | 34.62412   | 20.0      | 2946900.0   | 0.830874 | 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

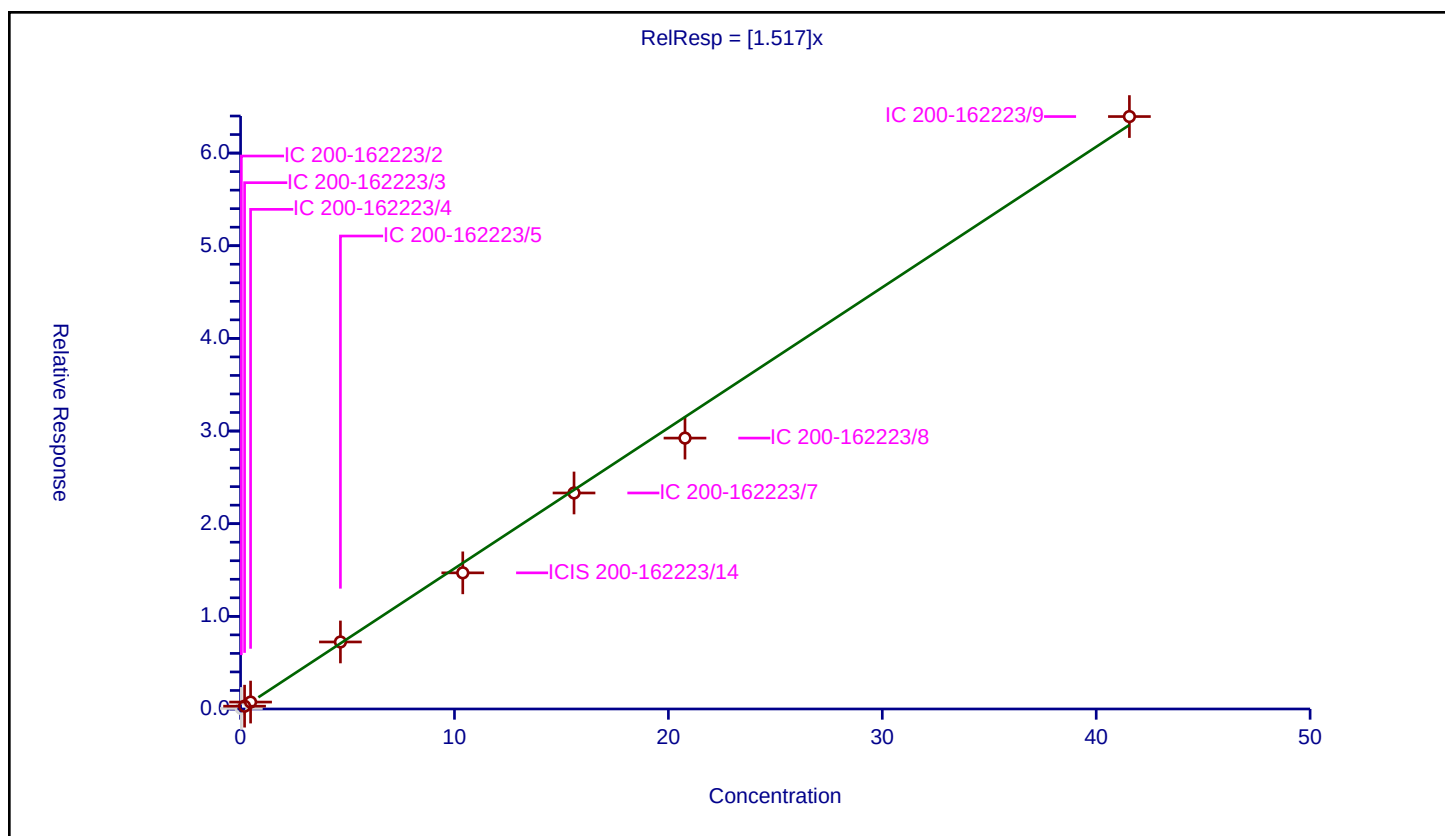
## Curve Coefficients

Intercept: 0  
Slope: 1.517

## Error Coefficients

Standard Error: 4430000  
Relative Standard Error: 5.4  
Correlation Coefficient: 0.983  
Coefficient of Determination (Adjusted): 0.996

| ID | Level              | Concentration | Rel. Resp. | IS Amount | IS Response | RRF      | Used |
|----|--------------------|---------------|------------|-----------|-------------|----------|------|
| 1  | IC 200-162223/2    | 0.036445      | 0.059859   | 20.0      | 1926206.0   | 1.642439 | N    |
| 2  | IC 200-162223/3    | 0.187431      | 0.302954   | 20.0      | 2037732.0   | 1.616351 | Y    |
| 3  | IC 200-162223/4    | 0.467973      | 0.746979   | 20.0      | 2072294.0   | 1.5962   | Y    |
| 4  | IC 200-162223/5    | 4.668546      | 7.233302   | 20.0      | 2186039.0   | 1.549369 | Y    |
| 5  | ICIS 200-162223/14 | 10.387984     | 14.693309  | 20.0      | 3456738.0   | 1.414452 | Y    |
| 6  | IC 200-162223/7    | 15.588696     | 23.315261  | 20.0      | 2366185.0   | 1.495652 | Y    |
| 7  | IC 200-162223/8    | 20.775968     | 29.237749  | 20.0      | 2578455.0   | 1.407287 | Y    |
| 8  | IC 200-162223/9    | 41.551937     | 63.943167  | 20.0      | 2946900.0   | 1.538873 | Y    |





# Calibration

/ Alpha Methyl Styrene

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

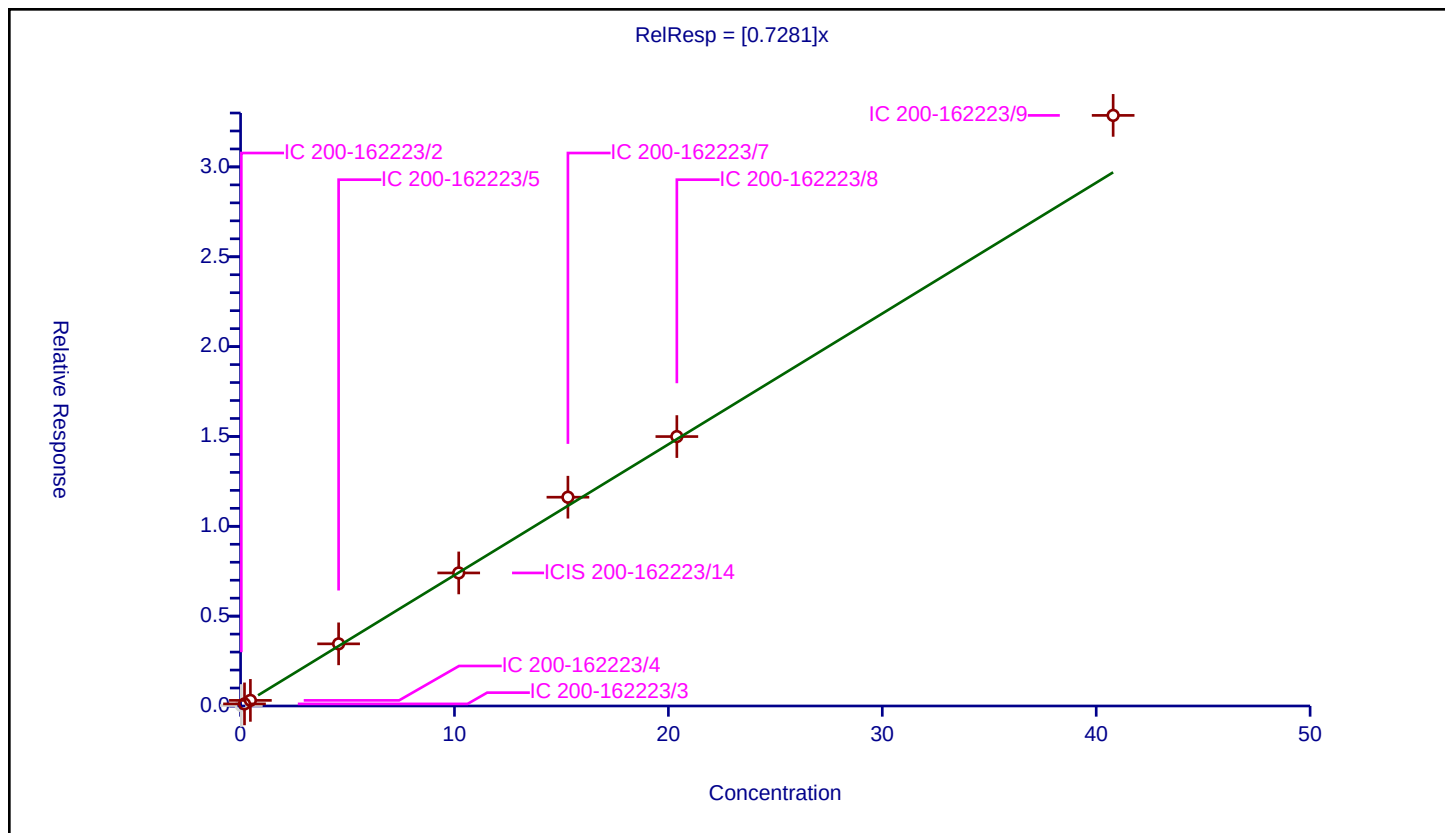
## Curve Coefficients

Intercept: 0  
 Slope: 0.7281

## Error Coefficients

Standard Error: 2270000  
 Relative Standard Error: 7.7  
 Correlation Coefficient: 0.982  
 Coefficient of Determination (Adjusted): 0.994

| ID | Level              | Concentration | Rel. Resp. | IS Amount | IS Response | RRF      | Used |
|----|--------------------|---------------|------------|-----------|-------------|----------|------|
| 1  | IC 200-162223/2    | 0.035778      | 0.026664   | 20.0      | 1926206.0   | 0.745247 | N    |
| 2  | IC 200-162223/3    | 0.184004      | 0.116846   | 20.0      | 2037732.0   | 0.635018 | Y    |
| 3  | IC 200-162223/4    | 0.459415      | 0.312533   | 20.0      | 2072294.0   | 0.680284 | Y    |
| 4  | IC 200-162223/5    | 4.583173      | 3.45928    | 20.0      | 2186039.0   | 0.754778 | Y    |
| 5  | ICIS 200-162223/14 | 10.198021     | 7.405218   | 20.0      | 3456738.0   | 0.726143 | Y    |
| 6  | IC 200-162223/7    | 15.303628     | 11.619599  | 20.0      | 2366185.0   | 0.759271 | Y    |
| 7  | IC 200-162223/8    | 20.396042     | 14.994351  | 20.0      | 2578455.0   | 0.73516  | Y    |
| 8  | IC 200-162223/9    | 40.792084     | 32.867766  | 20.0      | 2946900.0   | 0.805739 | Y    |



## Calibration

/ tert-Butylbenzene

Curve Type: Average  
Weighting: Conc\_Sq  
Origin: Force  
Dependency: Response  
Calib Mode: ISTD  
Response Base: AREA  
RF Rounding: 0

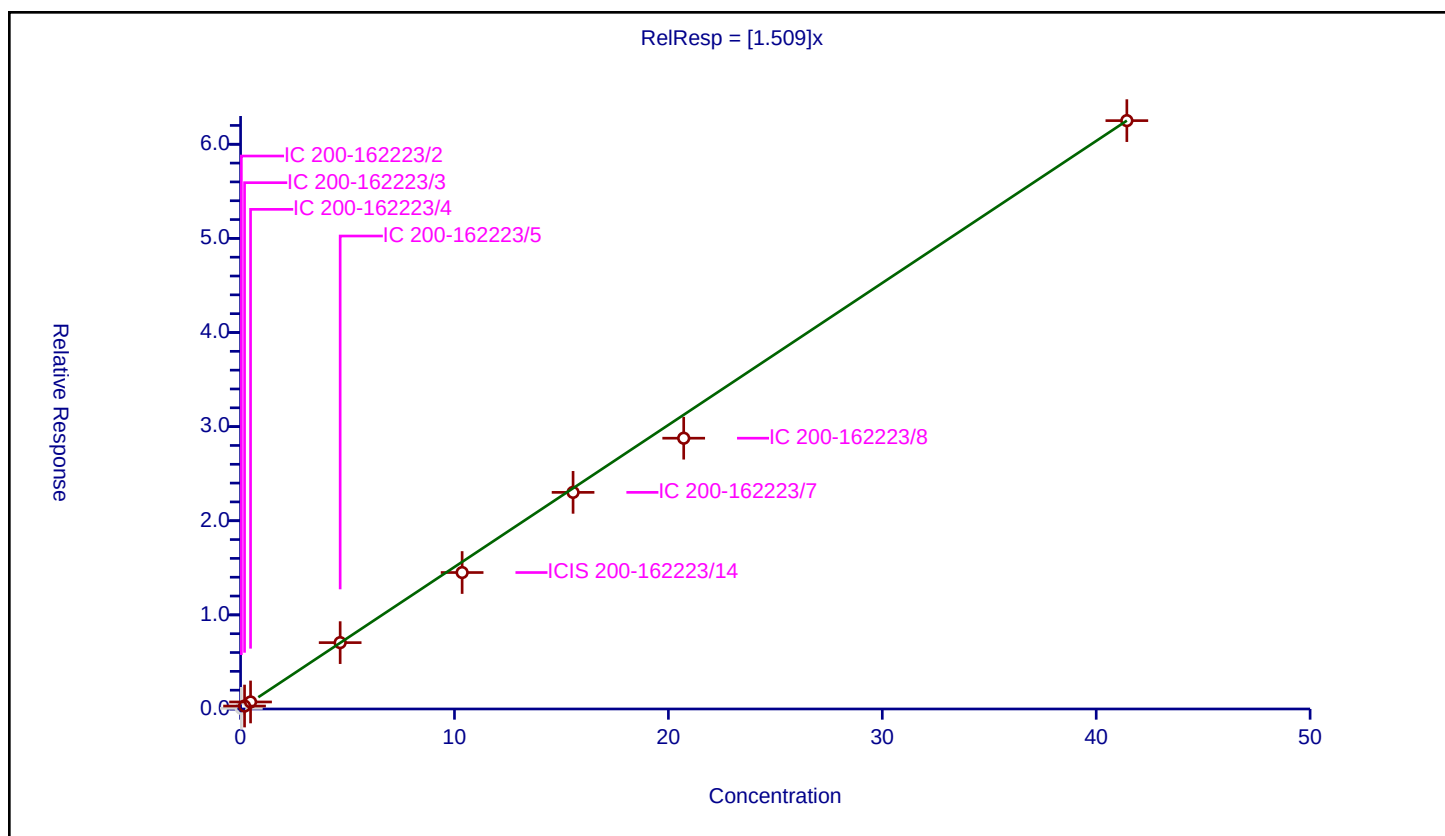
## Curve Coefficients

Intercept: 0  
Slope: 1.509

## Error Coefficients

Standard Error: 4340000  
Relative Standard Error: 6.7  
Correlation Coefficient: 0.984  
Coefficient of Determination (Adjusted): 0.994

| ID | Level              | Concentration | Rel. Resp. | IS Amount | IS Response | RRF      | Used |
|----|--------------------|---------------|------------|-----------|-------------|----------|------|
| 1  | IC 200-162223/2    | 0.03634       | 0.068892   | 20.0      | 1926206.0   | 1.895775 | N    |
| 2  | IC 200-162223/3    | 0.18689       | 0.312308   | 20.0      | 2037732.0   | 1.67108  | Y    |
| 3  | IC 200-162223/4    | 0.466622      | 0.74557    | 20.0      | 2072294.0   | 1.597803 | Y    |
| 4  | IC 200-162223/5    | 4.655066      | 7.051009   | 20.0      | 2186039.0   | 1.514696 | Y    |
| 5  | ICIS 200-162223/14 | 10.35799      | 14.498079  | 20.0      | 3456738.0   | 1.3997   | Y    |
| 6  | IC 200-162223/7    | 15.543685     | 23.014363  | 20.0      | 2366185.0   | 1.480625 | Y    |
| 7  | IC 200-162223/8    | 20.71598      | 28.769088  | 20.0      | 2578455.0   | 1.388739 | Y    |
| 8  | IC 200-162223/9    | 41.43196      | 62.509138  | 20.0      | 2946900.0   | 1.508718 | 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

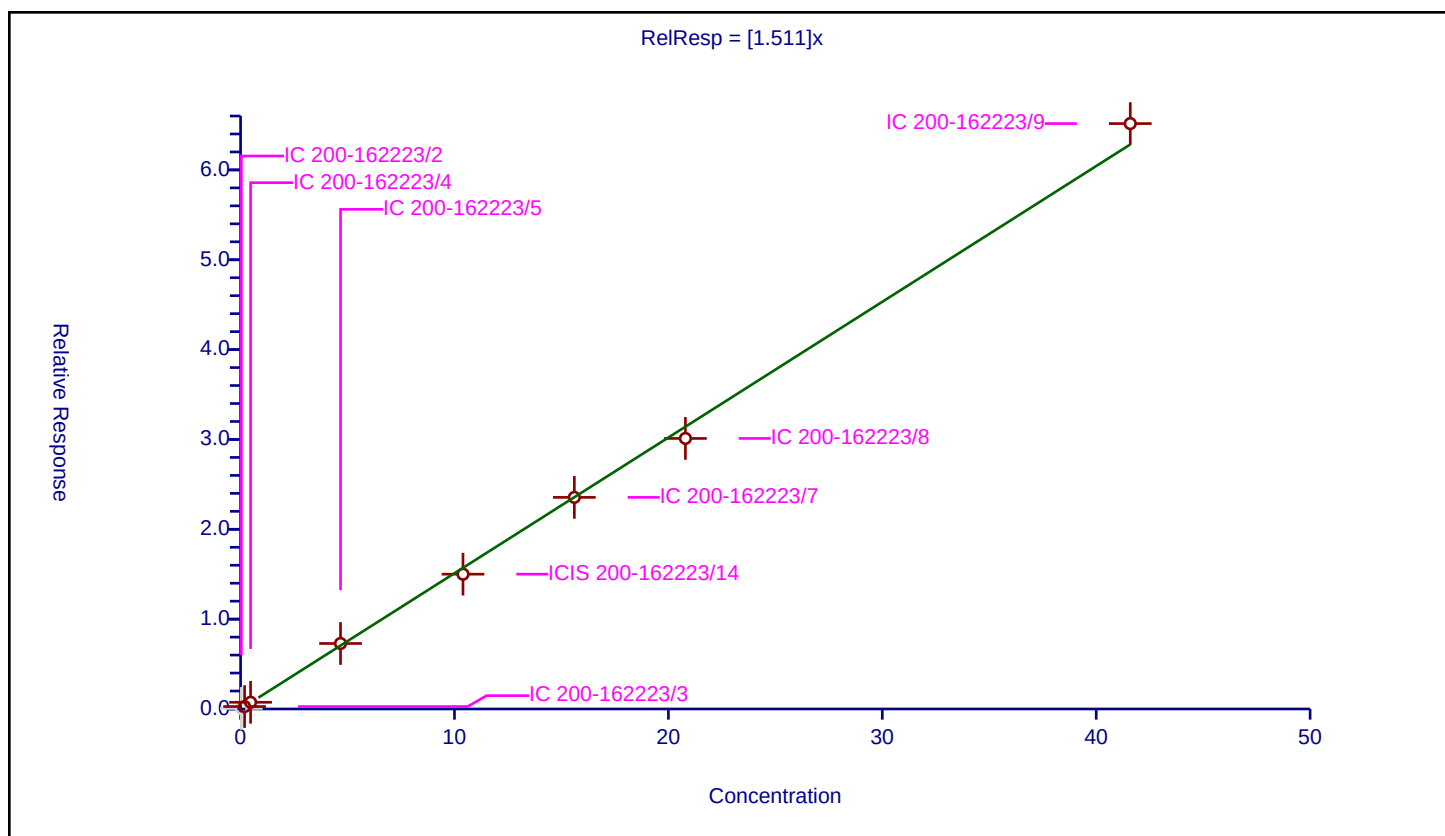
## Curve Coefficients

Intercept: 0  
 Slope: 1.511

## Error Coefficients

Standard Error: 4520000  
 Relative Standard Error: 4.3  
 Correlation Coefficient: 0.984  
 Coefficient of Determination (Adjusted): 0.998

| ID | Level              | Concentration | Rel. Resp. | IS Amount | IS Response | RRF      | Used |
|----|--------------------|---------------|------------|-----------|-------------|----------|------|
| 1  | IC 200-162223/2    | 0.03648       | 0.060378   | 20.0      | 1926206.0   | 1.655091 | N    |
| 2  | IC 200-162223/3    | 0.187612      | 0.272224   | 20.0      | 2037732.0   | 1.450999 | Y    |
| 3  | IC 200-162223/4    | 0.468424      | 0.747838   | 20.0      | 2072294.0   | 1.596499 | Y    |
| 4  | IC 200-162223/5    | 4.673039      | 7.290465   | 20.0      | 2186039.0   | 1.560112 | Y    |
| 5  | ICIS 200-162223/14 | 10.397982     | 15.006523  | 20.0      | 3456738.0   | 1.443215 | Y    |
| 6  | IC 200-162223/7    | 15.603699     | 23.554557  | 20.0      | 2366185.0   | 1.50955  | Y    |
| 7  | IC 200-162223/8    | 20.795965     | 30.112715  | 20.0      | 2578455.0   | 1.448008 | Y    |
| 8  | IC 200-162223/9    | 41.591929     | 65.157711  | 20.0      | 2946900.0   | 1.566595 | Y    |



## Calibration

/ sec-Butylbenzene

Curve Type: Average  
Weighting: Conc\_Sq  
Origin: Force  
Dependency: Response  
Calib Mode: ISTD  
Response Base: AREA  
RF Rounding: 0

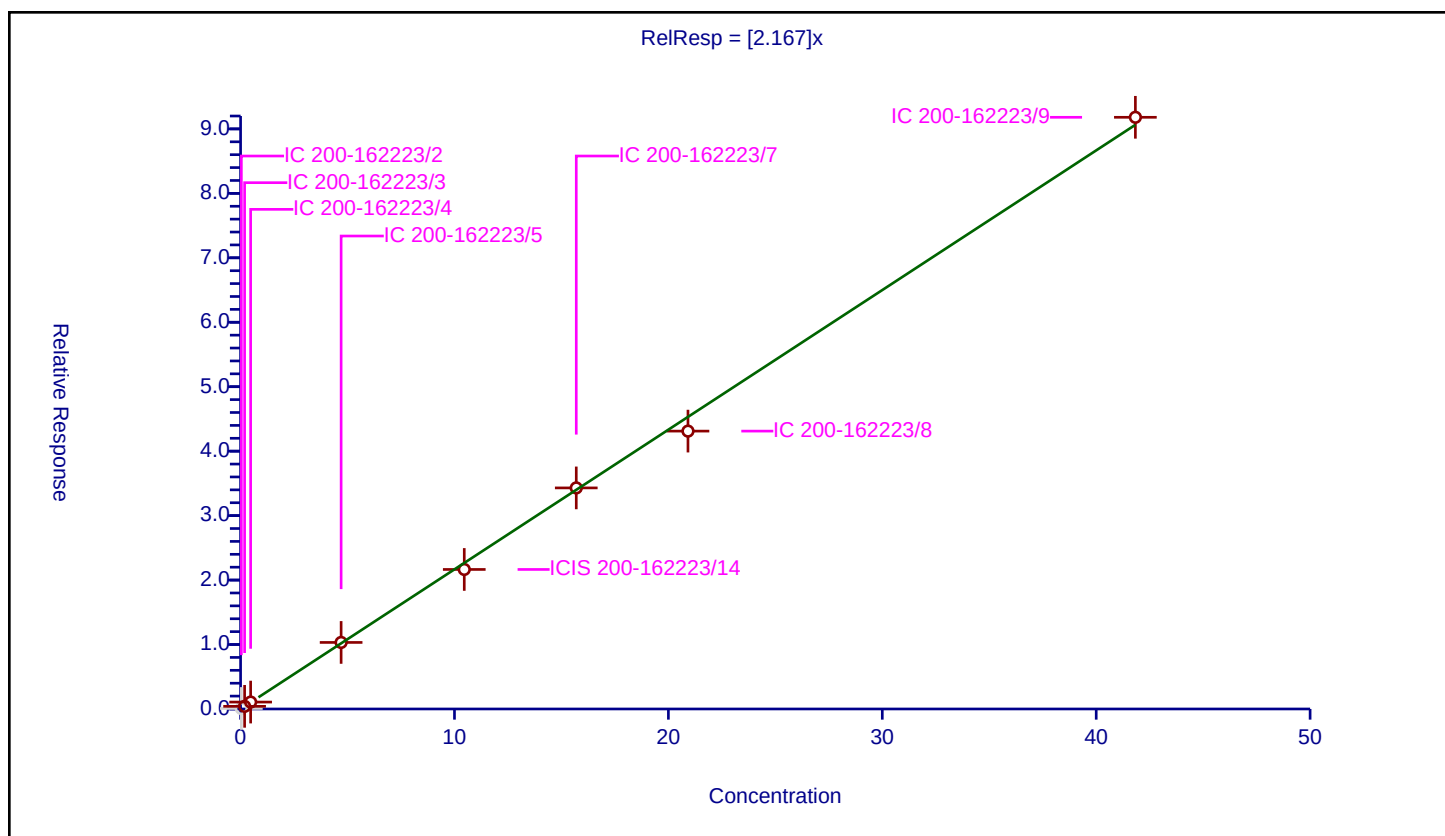
## Curve Coefficients

Intercept: 0  
Slope: 2.167

## Error Coefficients

Standard Error: 6400000  
Relative Standard Error: 3.5  
Correlation Coefficient: 0.985  
Coefficient of Determination (Adjusted): 0.999

| ID | Level              | Concentration | Rel. Resp. | IS Amount | IS Response | RRF      | Used |
|----|--------------------|---------------|------------|-----------|-------------|----------|------|
| 1  | IC 200-162223/2    | 0.03669       | 0.081985   | 20.0      | 1926206.0   | 2.234503 | N    |
| 2  | IC 200-162223/3    | 0.188694      | 0.411605   | 20.0      | 2037732.0   | 2.181335 | Y    |
| 3  | IC 200-162223/4    | 0.471126      | 1.072782   | 20.0      | 2072294.0   | 2.27706  | Y    |
| 4  | IC 200-162223/5    | 4.699999      | 10.324354  | 20.0      | 2186039.0   | 2.196672 | Y    |
| 5  | ICIS 200-162223/14 | 10.457971     | 21.648763  | 20.0      | 3456738.0   | 2.070073 | Y    |
| 6  | IC 200-162223/7    | 15.69372      | 34.298806  | 20.0      | 2366185.0   | 2.185511 | Y    |
| 7  | IC 200-162223/8    | 20.915941     | 43.11267   | 20.0      | 2578455.0   | 2.061235 | Y    |
| 8  | IC 200-162223/9    | 41.831883     | 91.801581  | 20.0      | 2946900.0   | 2.194536 | Y    |



## Calibration

## / 4-Isopropyltoluene

Curve Type: Average  
Weighting: Conc\_Sq  
Origin: Force  
Dependency: Response  
Calib Mode: ISTD  
Response Base: AREA  
RF Rounding: 0

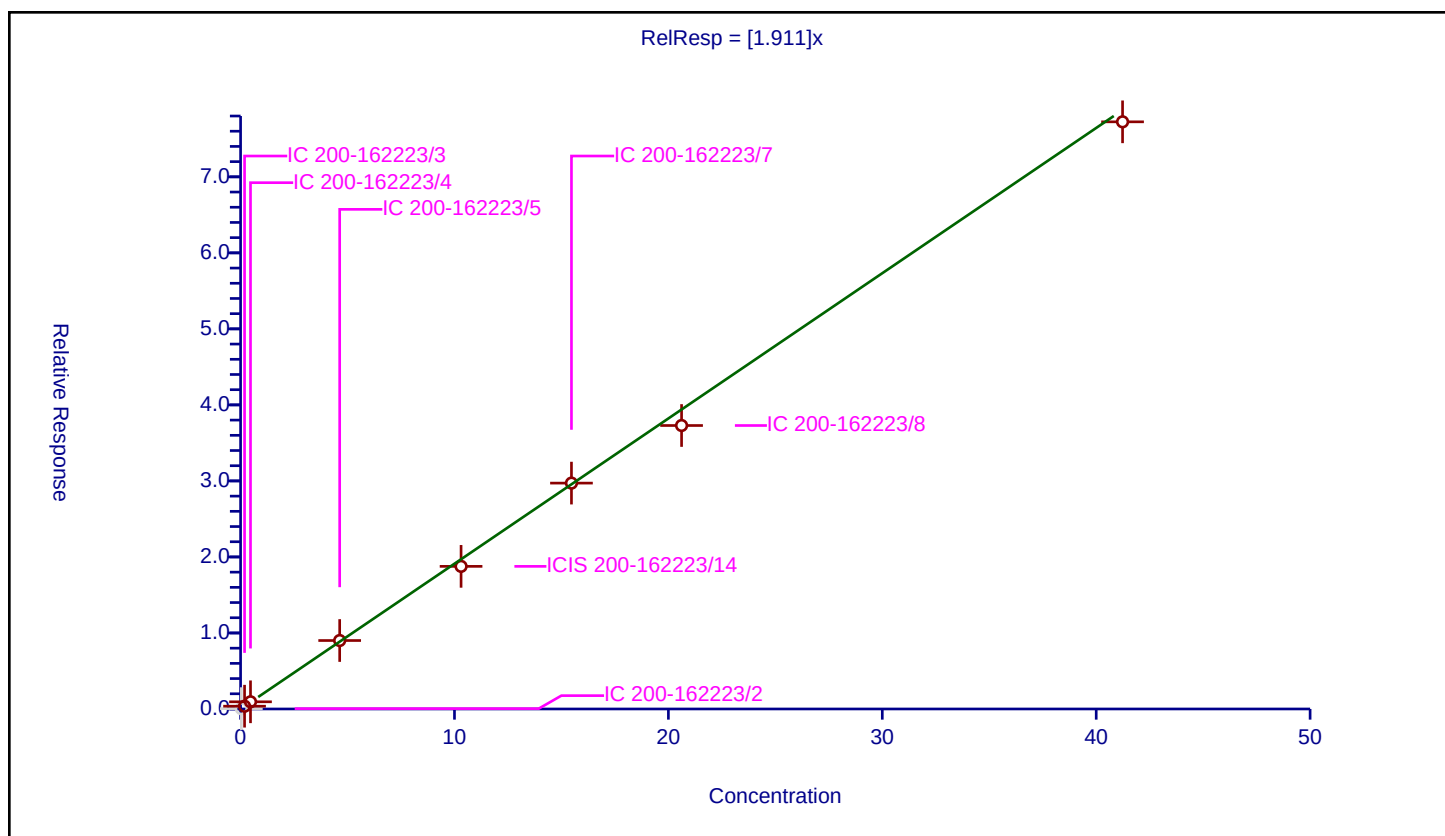
## Curve Coefficients

Intercept: 0  
Slope: 1.911

## Error Coefficients

Standard Error: 5420000  
Relative Standard Error: 4.3  
Correlation Coefficient: 0.987  
Coefficient of Determination (Adjusted): 0.998

| ID | Level              | Concentration | Rel. Resp. | IS Amount | IS Response | RRF      | Used |
|----|--------------------|---------------|------------|-----------|-------------|----------|------|
| 1  | IC 200-162223/2    | 0.036164      | 0.046599   | 20.0      | 1926206.0   | 1.288545 | N    |
| 2  | IC 200-162223/3    | 0.185988      | 0.367114   | 20.0      | 2037732.0   | 1.973859 | Y    |
| 3  | IC 200-162223/4    | 0.46437       | 0.944962   | 20.0      | 2072294.0   | 2.034934 | Y    |
| 4  | IC 200-162223/5    | 4.632599      | 9.005365   | 20.0      | 2186039.0   | 1.943912 | Y    |
| 5  | ICIS 200-162223/14 | 10.308        | 18.760392  | 20.0      | 3456738.0   | 1.819984 | Y    |
| 6  | IC 200-162223/7    | 15.468667     | 29.71192   | 20.0      | 2366185.0   | 1.920781 | Y    |
| 7  | IC 200-162223/8    | 20.615999     | 37.288679  | 20.0      | 2578455.0   | 1.808725 | Y    |
| 8  | IC 200-162223/9    | 41.231999     | 77.23637   | 20.0      | 2946900.0   | 1.873214 | Y    |



# Calibration

/ 1,3-Dichlorobenzene

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

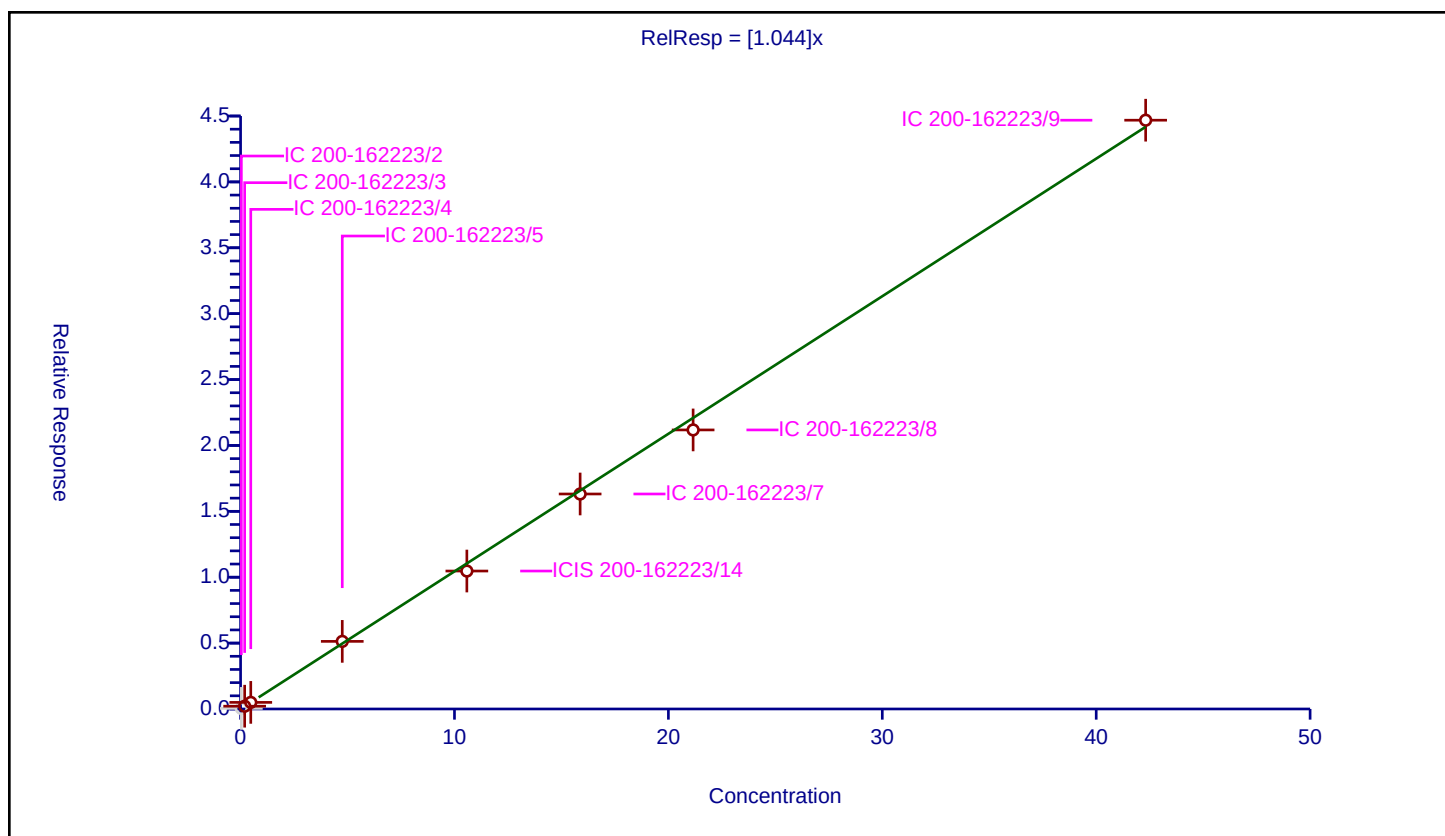
## Curve Coefficients

Intercept: 0  
 Slope: 1.044

## Error Coefficients

Standard Error: 3110000  
 Relative Standard Error: 3.9  
 Correlation Coefficient: 0.985  
 Coefficient of Determination (Adjusted): 0.998

| ID | Level              | Concentration | Rel. Resp. | IS Amount | IS Response | RRF      | Used |
|----|--------------------|---------------|------------|-----------|-------------|----------|------|
| 1  | IC 200-162223/2    | 0.037111      | 0.045135   | 20.0      | 1926206.0   | 1.216213 | N    |
| 2  | IC 200-162223/3    | 0.190859      | 0.210882   | 20.0      | 2037732.0   | 1.104909 | Y    |
| 3  | IC 200-162223/4    | 0.476531      | 0.500431   | 20.0      | 2072294.0   | 1.050154 | Y    |
| 4  | IC 200-162223/5    | 4.753918      | 5.130531   | 20.0      | 2186039.0   | 1.079221 | Y    |
| 5  | ICIS 200-162223/14 | 10.577947     | 10.468904  | 20.0      | 3456738.0   | 0.989691 | Y    |
| 6  | IC 200-162223/7    | 15.873763     | 16.31585   | 20.0      | 2366185.0   | 1.02785  | Y    |
| 7  | IC 200-162223/8    | 21.155895     | 21.176038  | 20.0      | 2578455.0   | 1.000952 | Y    |
| 8  | IC 200-162223/9    | 42.311789     | 44.681917  | 20.0      | 2946900.0   | 1.056016 | Y    |



# Calibration

/ 1,4-Dichlorobenzene

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

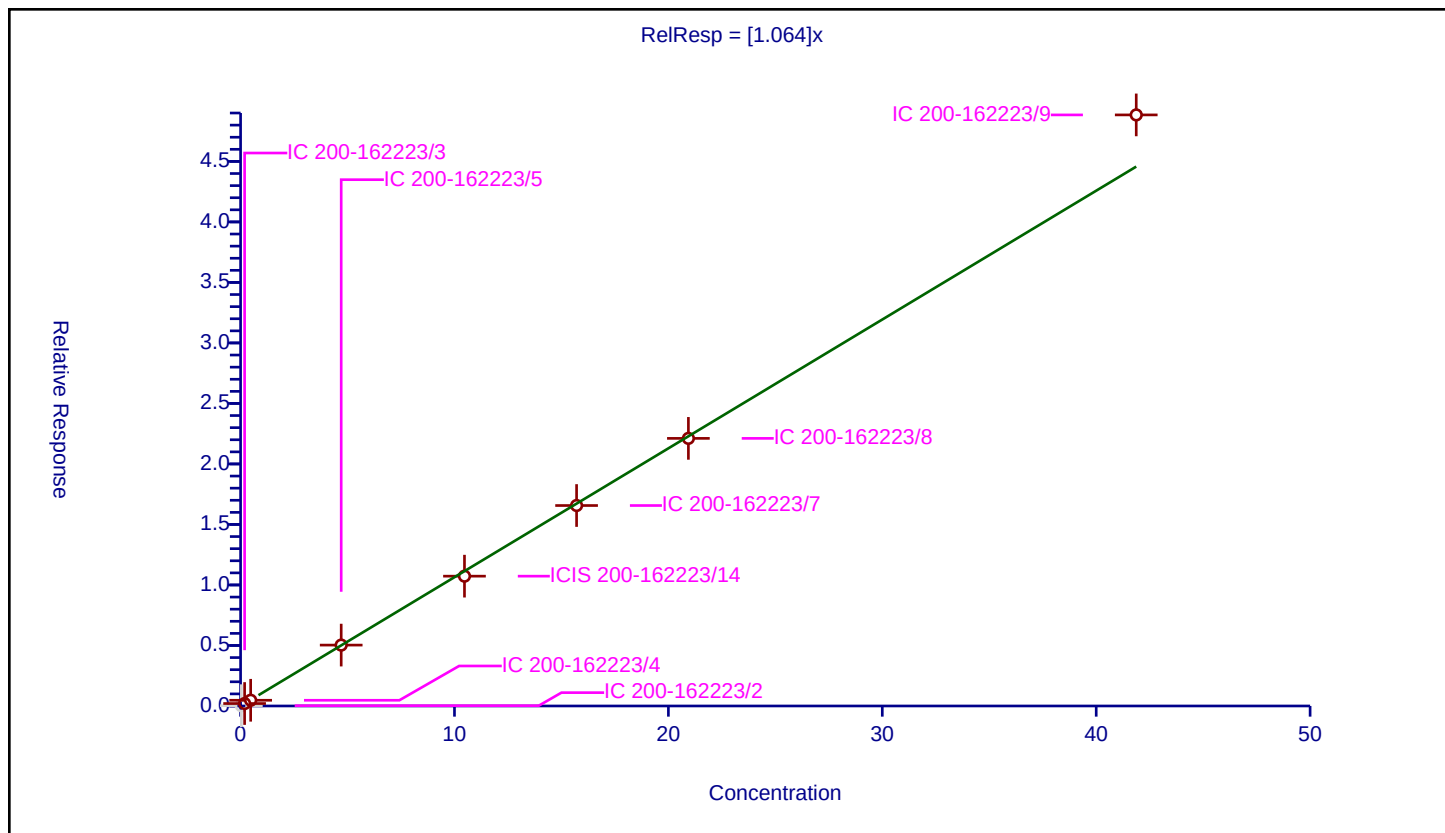
## Curve Coefficients

Intercept: 0  
 Slope: 1.064

## Error Coefficients

Standard Error: 3350000  
 Relative Standard Error: 4.8  
 Correlation Coefficient: 0.981  
 Coefficient of Determination (Adjusted): 0.997

| ID | Level              | Concentration | Rel. Resp. | IS Amount | IS Response | RRF      | Used |
|----|--------------------|---------------|------------|-----------|-------------|----------|------|
| 1  | IC 200-162223/2    | 0.036726      | 0.02628    | 20.0      | 1926206.0   | 0.715568 | N    |
| 2  | IC 200-162223/3    | 0.188874      | 0.203196   | 20.0      | 2037732.0   | 1.075829 | Y    |
| 3  | IC 200-162223/4    | 0.471576      | 0.473379   | 20.0      | 2072294.0   | 1.003822 | Y    |
| 4  | IC 200-162223/5    | 4.704492      | 5.032399   | 20.0      | 2186039.0   | 1.069701 | Y    |
| 5  | ICIS 200-162223/14 | 10.467969     | 10.727565  | 20.0      | 3456738.0   | 1.024799 | Y    |
| 6  | IC 200-162223/7    | 15.708724     | 16.566287  | 20.0      | 2366185.0   | 1.054592 | Y    |
| 7  | IC 200-162223/8    | 20.935937     | 22.113289  | 20.0      | 2578455.0   | 1.056236 | Y    |
| 8  | IC 200-162223/9    | 41.871875     | 48.843571  | 20.0      | 2946900.0   | 1.166501 | Y    |



## Calibration

/ Benzyl chloride

Curve Type: Average  
Weighting: Conc\_Sq  
Origin: Force  
Dependency: Response  
Calib Mode: ISTD  
Response Base: AREA  
RF Rounding: 0

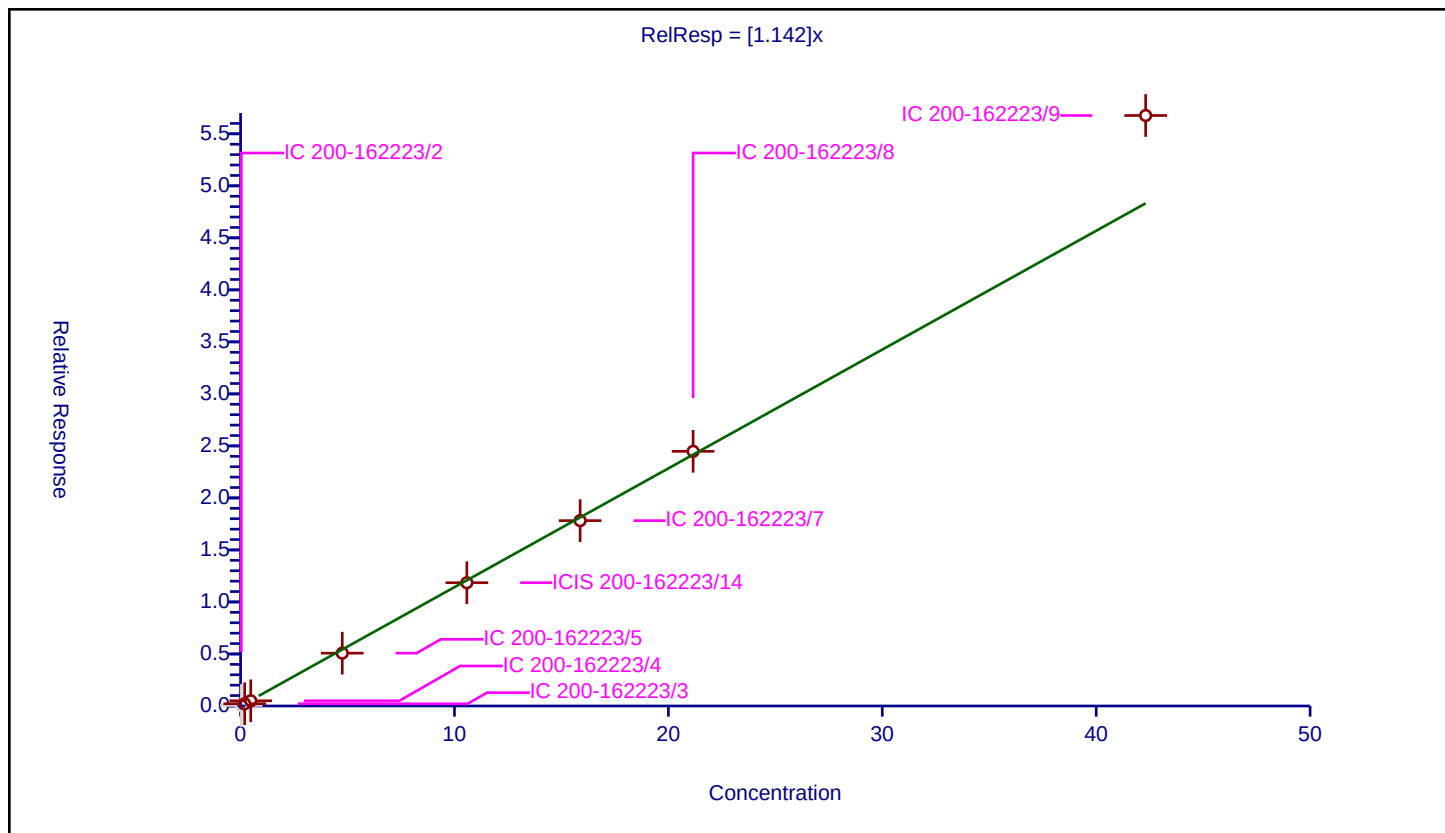
## Curve Coefficients

Intercept: 0  
Slope: 1.142

## Error Coefficients

Standard Error: 3850000  
Relative Standard Error: 8.3  
Correlation Coefficient: 0.974  
Coefficient of Determination (Adjusted): 0.992

| ID | Level              | Concentration | Rel. Resp. | IS Amount | IS Response | RRF      | Used |
|----|--------------------|---------------|------------|-----------|-------------|----------|------|
| 1  | IC 200-162223/2    | 0.037111      | 0.04986    | 20.0      | 1926206.0   | 1.343513 | N    |
| 2  | IC 200-162223/3    | 0.190859      | 0.216044   | 20.0      | 2037732.0   | 1.131959 | Y    |
| 3  | IC 200-162223/4    | 0.476531      | 0.501821   | 20.0      | 2072294.0   | 1.05307  | Y    |
| 4  | IC 200-162223/5    | 4.753918      | 5.076122   | 20.0      | 2186039.0   | 1.067776 | Y    |
| 5  | ICIS 200-162223/14 | 10.577947     | 11.849177  | 20.0      | 3456738.0   | 1.120177 | Y    |
| 6  | IC 200-162223/7    | 15.873763     | 17.816426  | 20.0      | 2366185.0   | 1.122382 | Y    |
| 7  | IC 200-162223/8    | 21.155895     | 24.479892  | 20.0      | 2578455.0   | 1.157119 | Y    |
| 8  | IC 200-162223/9    | 42.311789     | 56.762666  | 20.0      | 2946900.0   | 1.341533 | Y    |





## Calibration

/ n-Butylbenzene

Curve Type: Average  
Weighting: Conc\_Sq  
Origin: Force  
Dependency: Response  
Calib Mode: ISTD  
Response Base: AREA  
RF Rounding: 0

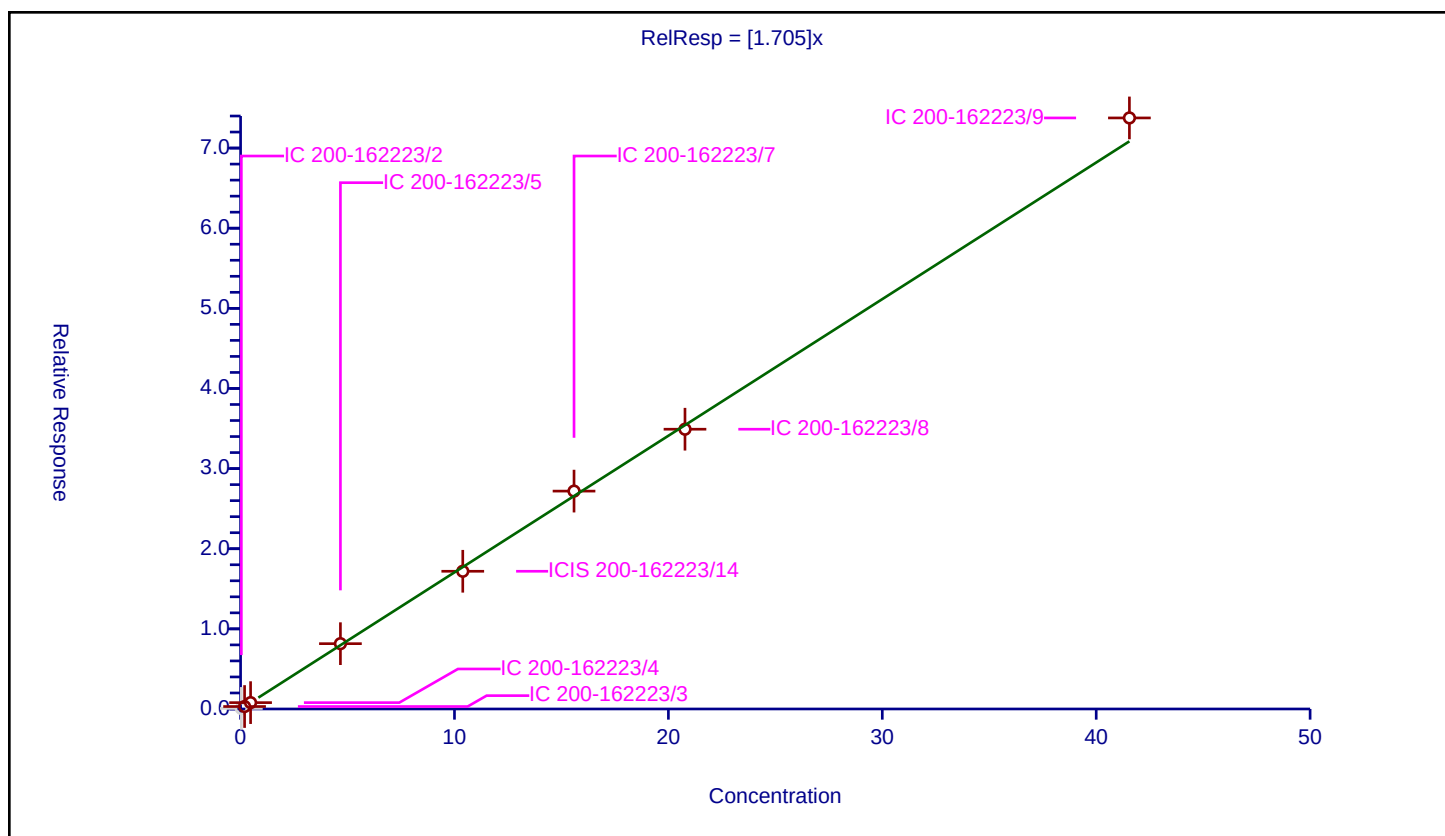
## Curve Coefficients

Intercept: 0  
Slope: 1.705

## Error Coefficients

Standard Error: 5140000  
Relative Standard Error: 3.1  
Correlation Coefficient: 0.986  
Coefficient of Determination (Adjusted): 0.999

| ID | Level              | Concentration | Rel. Resp. | IS Amount | IS Response | RRF      | Used |
|----|--------------------|---------------|------------|-----------|-------------|----------|------|
| 1  | IC 200-162223/2    | 0.036445      | 0.072786   | 20.0      | 1926206.0   | 1.997138 | N    |
| 2  | IC 200-162223/3    | 0.187431      | 0.306439   | 20.0      | 2037732.0   | 1.63494  | Y    |
| 3  | IC 200-162223/4    | 0.467973      | 0.795061   | 20.0      | 2072294.0   | 1.698945 | Y    |
| 4  | IC 200-162223/5    | 4.668546      | 8.153167   | 20.0      | 2186039.0   | 1.746404 | Y    |
| 5  | ICIS 200-162223/14 | 10.387984     | 17.186046  | 20.0      | 3456738.0   | 1.654416 | Y    |
| 6  | IC 200-162223/7    | 15.588696     | 27.188939  | 20.0      | 2366185.0   | 1.744145 | Y    |
| 7  | IC 200-162223/8    | 20.775968     | 34.913822  | 20.0      | 2578455.0   | 1.680491 | Y    |
| 8  | IC 200-162223/9    | 41.551937     | 73.760582  | 20.0      | 2946900.0   | 1.775142 | Y    |



## Calibration

/ Undecane

Curve Type: Average  
Weighting: Conc\_Sq  
Origin: Force  
Dependency: Response  
Calib Mode: ISTD  
Response Base: AREA  
RF Rounding: 0

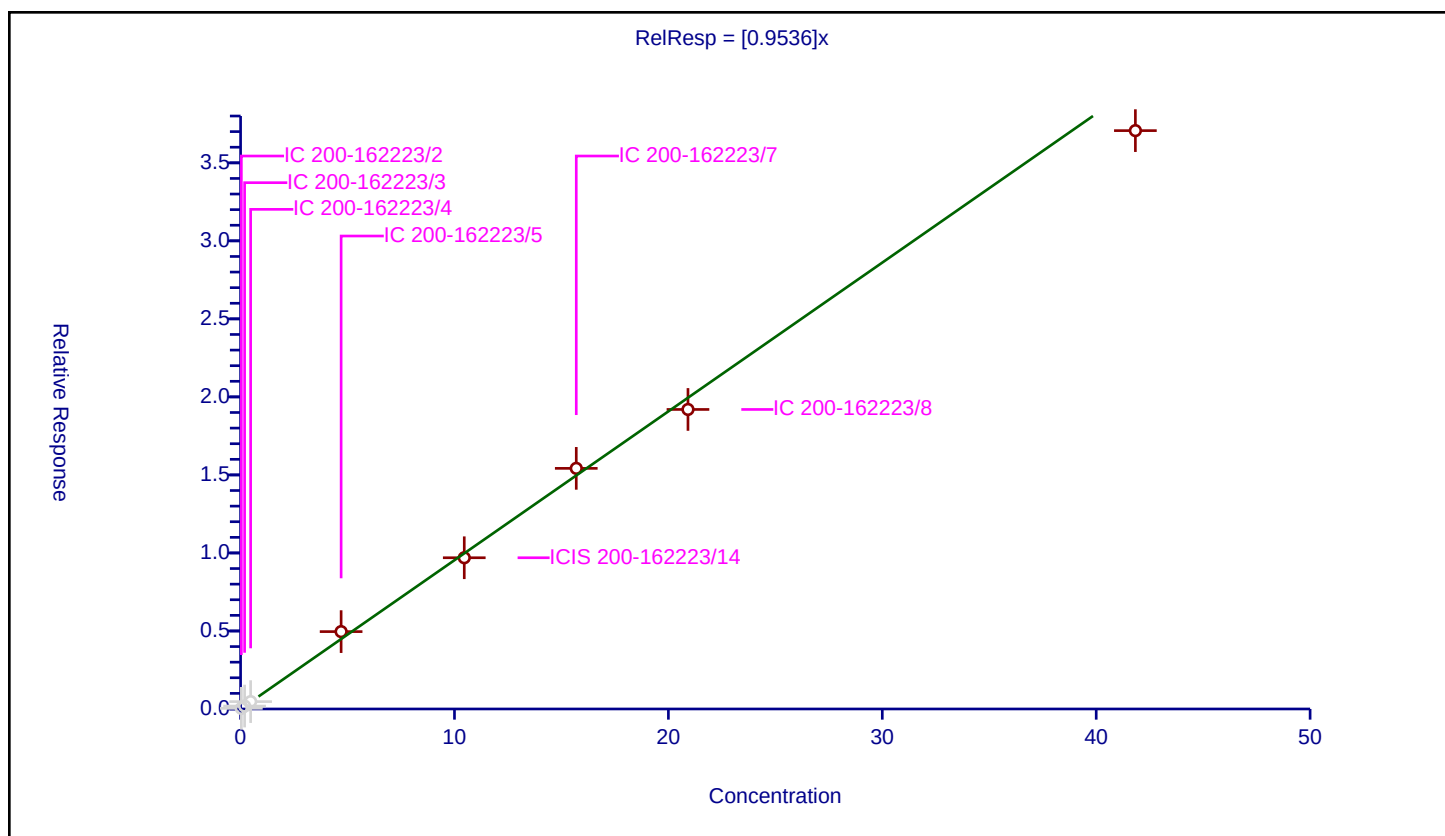
## Curve Coefficients

Intercept: 0  
Slope: 0.9536

## Error Coefficients

Standard Error: 3250000  
Relative Standard Error: 7.0  
Correlation Coefficient: 0.985  
Coefficient of Determination (Adjusted): 0.987

| ID | Level              | Concentration | Rel. Resp. | IS Amount | IS Response | RRF      | Used |
|----|--------------------|---------------|------------|-----------|-------------|----------|------|
| 1  | IC 200-162223/2    | 0.03669       | 0.0412     | 20.0      | 1926206.0   | 1.122911 | N    |
| 2  | IC 200-162223/3    | 0.188694      | 0.187856   | 20.0      | 2037732.0   | 0.995559 | N    |
| 3  | IC 200-162223/4    | 0.471126      | 0.472973   | 20.0      | 2072294.0   | 1.003921 | N    |
| 4  | IC 200-162223/5    | 4.699999      | 4.957853   | 20.0      | 2186039.0   | 1.054863 | Y    |
| 5  | ICIS 200-162223/14 | 10.457971     | 9.692114   | 20.0      | 3456738.0   | 0.926768 | Y    |
| 6  | IC 200-162223/7    | 15.69372      | 15.420341  | 20.0      | 2366185.0   | 0.98258  | Y    |
| 7  | IC 200-162223/8    | 20.915941     | 19.195115  | 20.0      | 2578455.0   | 0.917727 | Y    |
| 8  | IC 200-162223/9    | 41.831883     | 37.063307  | 20.0      | 2946900.0   | 0.886006 | Y    |



## Calibration

/ 1,2-Dichlorobenzene

Curve Type: Average  
Weighting: Conc\_Sq  
Origin: Force  
Dependency: Response  
Calib Mode: ISTD  
Response Base: AREA  
RF Rounding: 0

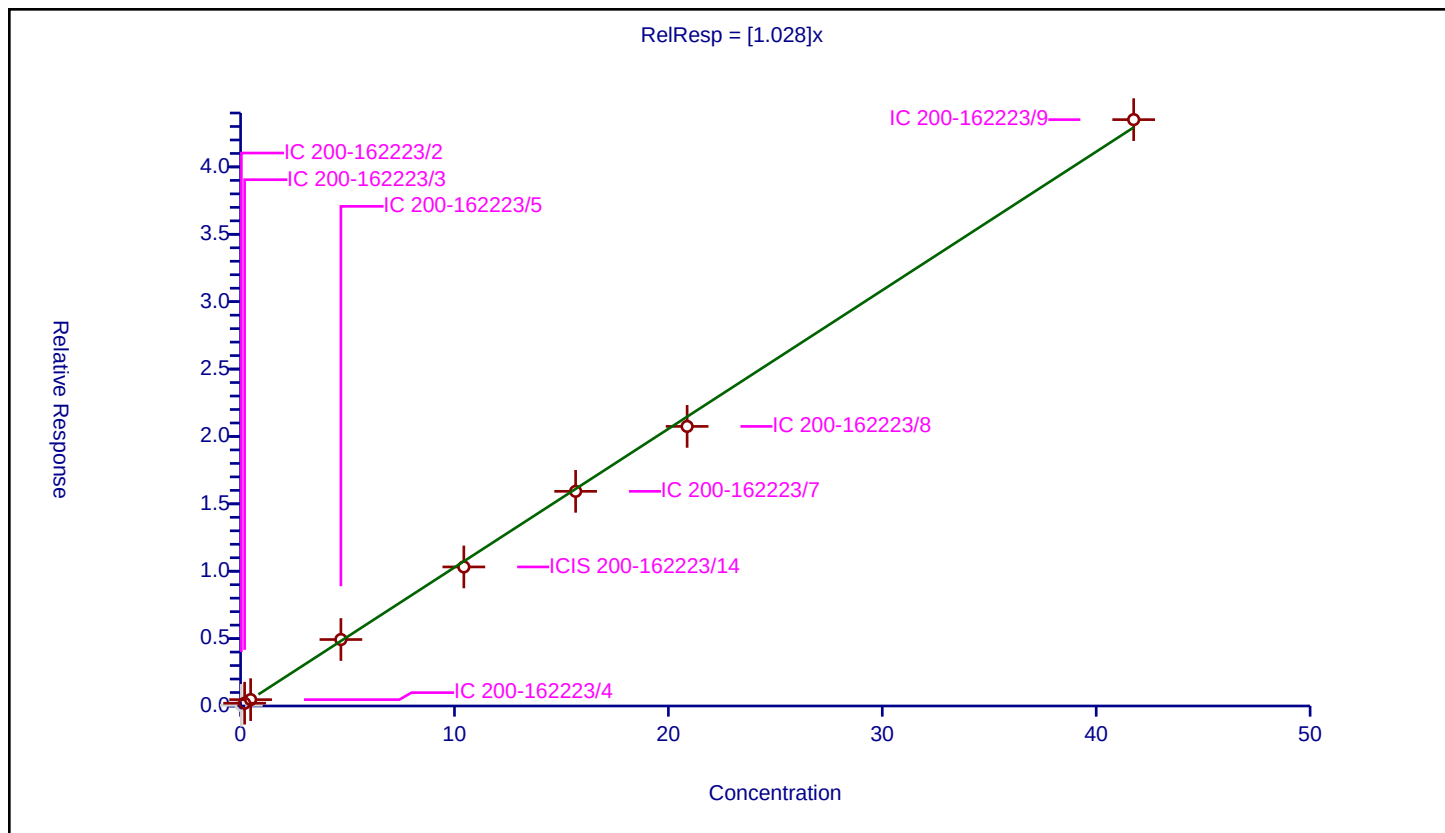
## Curve Coefficients

Intercept: 0  
Slope: 1.028

## Error Coefficients

Standard Error: 3040000  
Relative Standard Error: 3.8  
Correlation Coefficient: 0.985  
Coefficient of Determination (Adjusted): 0.998

| ID | Level              | Concentration | Rel. Resp. | IS Amount | IS Response | RRF      | Used |
|----|--------------------|---------------|------------|-----------|-------------|----------|------|
| 1  | IC 200-162223/2    | 0.03662       | 0.047887   | 20.0      | 1926206.0   | 1.307659 | N    |
| 2  | IC 200-162223/3    | 0.188333      | 0.20726    | 20.0      | 2037732.0   | 1.100496 | Y    |
| 3  | IC 200-162223/4    | 0.470225      | 0.47252    | 20.0      | 2072294.0   | 1.00488  | Y    |
| 4  | IC 200-162223/5    | 4.691012      | 4.931467   | 20.0      | 2186039.0   | 1.051259 | Y    |
| 5  | ICIS 200-162223/14 | 10.437975     | 10.31749   | 20.0      | 3456738.0   | 0.988457 | Y    |
| 6  | IC 200-162223/7    | 15.663713     | 15.92845   | 20.0      | 2366185.0   | 1.016901 | Y    |
| 7  | IC 200-162223/8    | 20.875949     | 20.745485  | 20.0      | 2578455.0   | 0.993751 | Y    |
| 8  | IC 200-162223/9    | 41.751898     | 43.509009  | 20.0      | 2946900.0   | 1.042085 | Y    |



## Calibration

/ Dodecane

Curve Type: Average  
Weighting: Conc\_Sq  
Origin: Force  
Dependency: Response  
Calib Mode: ISTD  
Response Base: AREA  
RF Rounding: 0

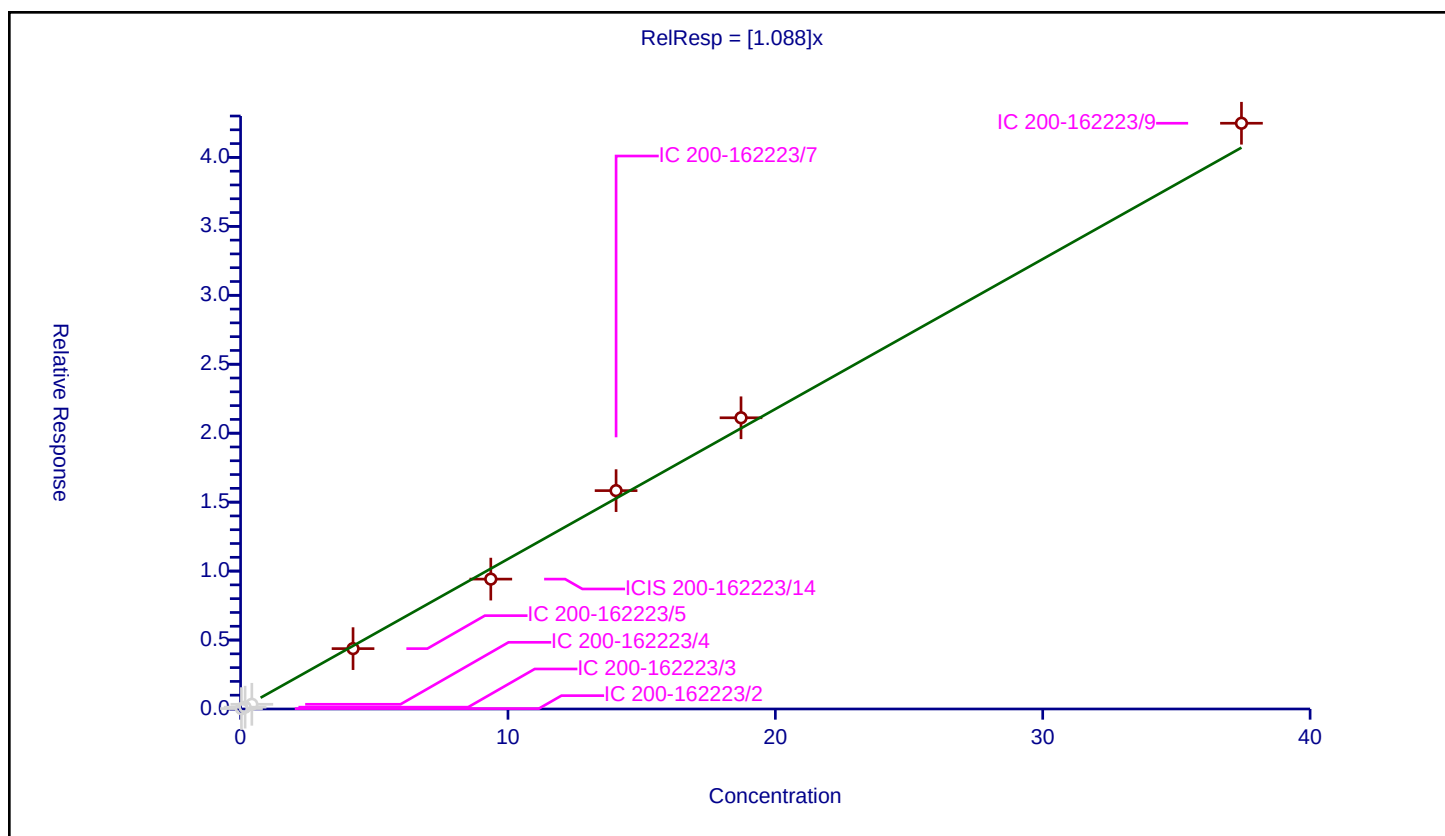
## Curve Coefficients

Intercept: 0  
Slope: 1.088

## Error Coefficients

Standard Error: 3640000  
Relative Standard Error: 5.5  
Correlation Coefficient: 0.989  
Coefficient of Determination (Adjusted): 0.994

| ID | Level              | Concentration | Rel. Resp. | IS Amount | IS Response | RRF      | Used |
|----|--------------------|---------------|------------|-----------|-------------|----------|------|
| 1  | IC 200-162223/2    | 0.032832      | 0.028595   | 20.0      | 1926206.0   | 0.870951 | N    |
| 2  | IC 200-162223/3    | 0.16885       | 0.131597   | 20.0      | 2037732.0   | 0.779372 | N    |
| 3  | IC 200-162223/4    | 0.421581      | 0.342162   | 20.0      | 2072294.0   | 0.811615 | N    |
| 4  | IC 200-162223/5    | 4.205735      | 4.376793   | 20.0      | 2186039.0   | 1.040673 | Y    |
| 5  | ICIS 200-162223/14 | 9.358184      | 9.418562   | 20.0      | 3456738.0   | 1.006452 | Y    |
| 6  | IC 200-162223/7    | 14.043329     | 15.834113  | 20.0      | 2366185.0   | 1.127518 | Y    |
| 7  | IC 200-162223/8    | 18.716368     | 21.117483  | 20.0      | 2578455.0   | 1.12829  | Y    |
| 8  | IC 200-162223/9    | 37.432736     | 42.475442  | 20.0      | 2946900.0   | 1.134714 | 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

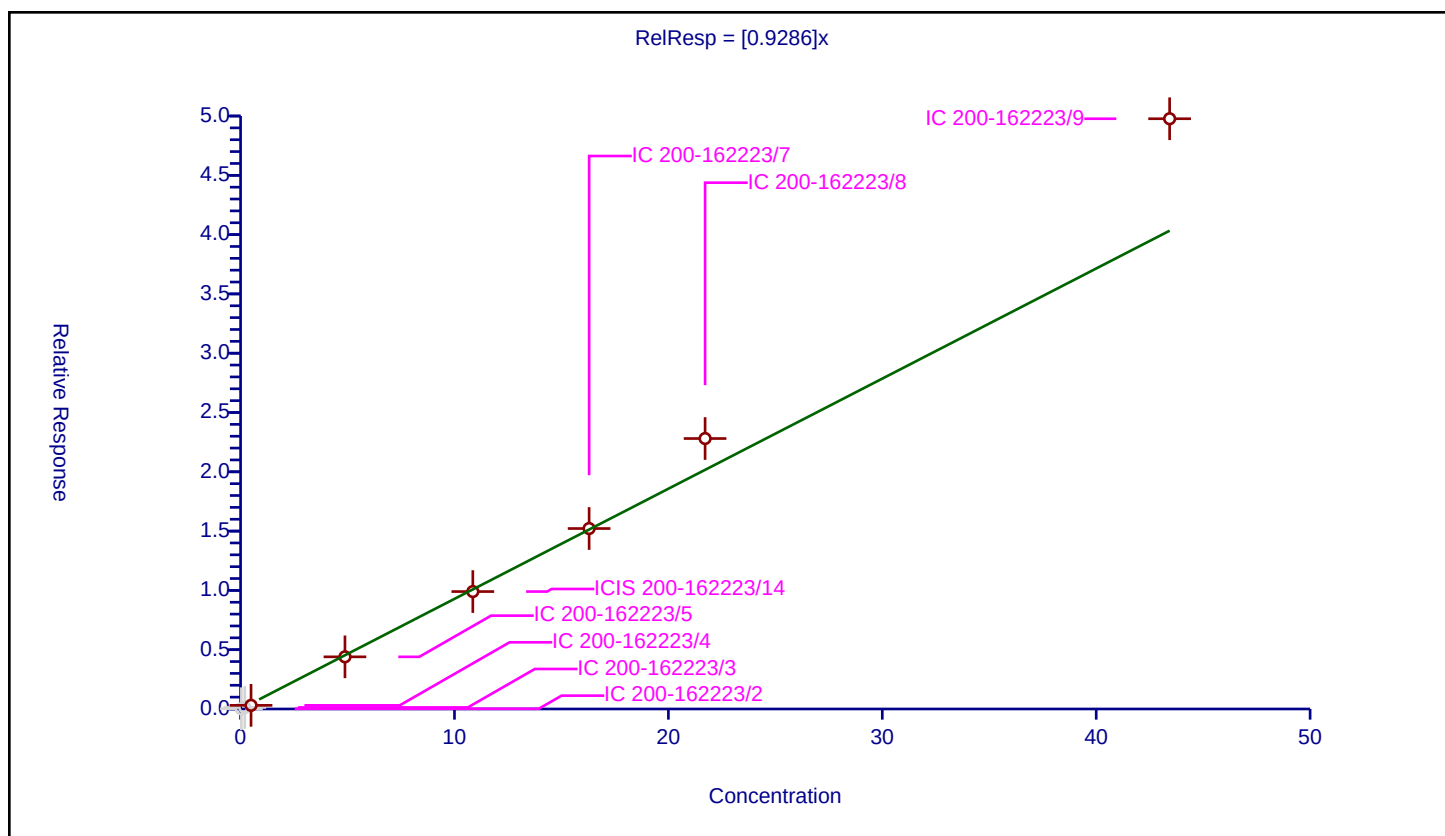
## Curve Coefficients

Intercept: 0  
 Slope: 0.9286

## Error Coefficients

Standard Error: 3710000  
 Relative Standard Error: 18.9  
 Correlation Coefficient: 0.978  
 Coefficient of Determination (Adjusted): 0.967

| ID | Level              | Concentration | Rel. Resp. | IS Amount | IS Response | RRF      | Used |
|----|--------------------|---------------|------------|-----------|-------------|----------|------|
| 1  | IC 200-162223/2    | 0.038094      | 0.022324   | 20.0      | 1926206.0   | 0.586022 | N    |
| 2  | IC 200-162223/3    | 0.19591       | 0.130802   | 20.0      | 2037732.0   | 0.667666 | N    |
| 3  | IC 200-162223/4    | 0.489142      | 0.307389   | 20.0      | 2072294.0   | 0.628424 | Y    |
| 4  | IC 200-162223/5    | 4.879731      | 4.396061   | 20.0      | 2186039.0   | 0.900882 | Y    |
| 5  | ICIS 200-162223/14 | 10.857893     | 9.902064   | 20.0      | 3456738.0   | 0.911969 | Y    |
| 6  | IC 200-162223/7    | 16.293863     | 15.21739   | 20.0      | 2366185.0   | 0.933934 | Y    |
| 7  | IC 200-162223/8    | 21.715786     | 22.805758  | 20.0      | 2578455.0   | 1.050193 | Y    |
| 8  | IC 200-162223/9    | 43.431572     | 49.771     | 20.0      | 2946900.0   | 1.145964 | Y    |



## Calibration

/ Hexachlorobutadiene

Curve Type: Average  
Weighting: Conc\_Sq  
Origin: Force  
Dependency: Response  
Calib Mode: ISTD  
Response Base: AREA  
RF Rounding: 0

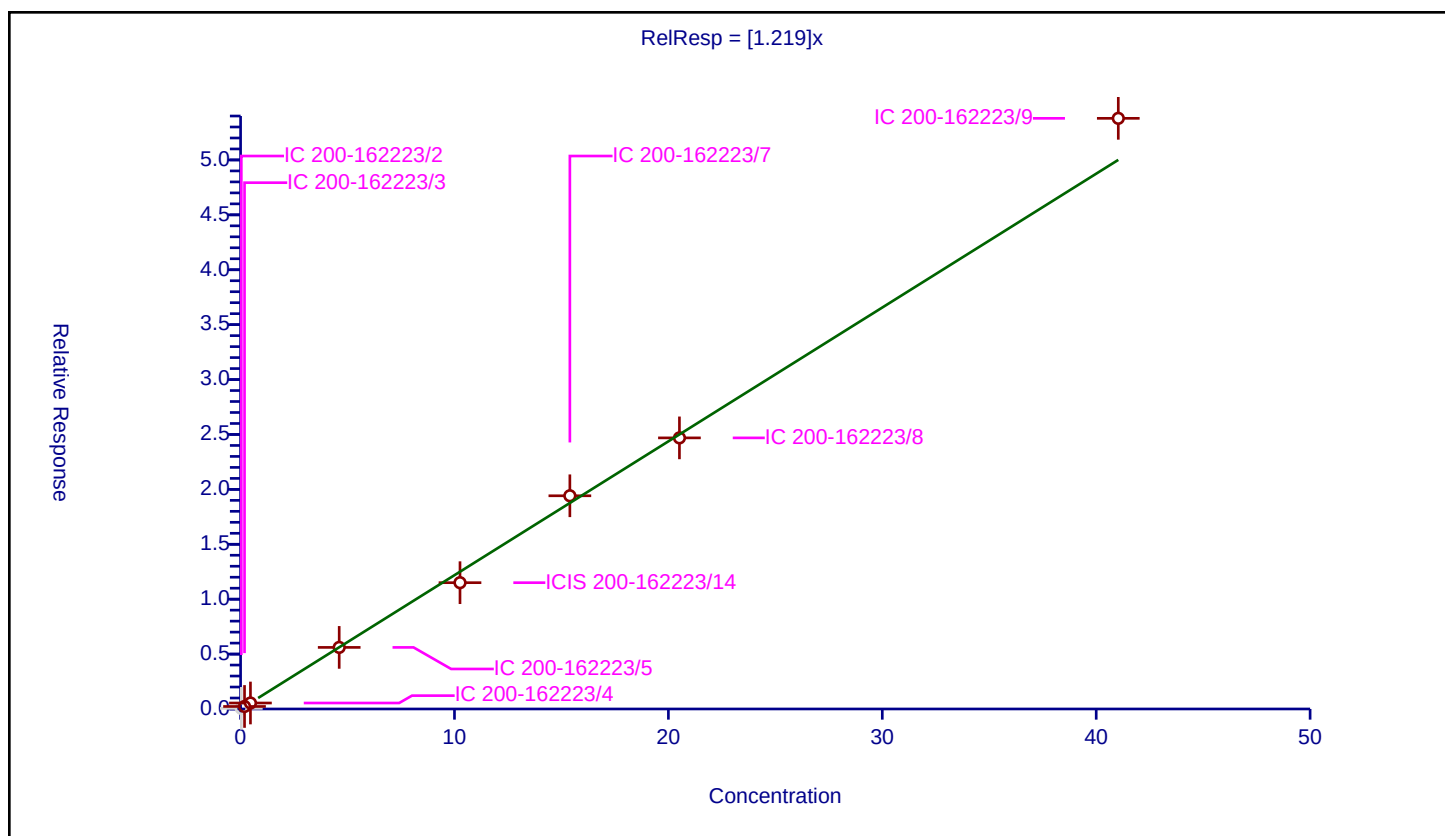
## Curve Coefficients

Intercept: 0  
Slope: 1.219

## Error Coefficients

Standard Error: 3710000  
Relative Standard Error: 5.0  
Correlation Coefficient: 0.985  
Coefficient of Determination (Adjusted): 0.997

| ID | Level              | Concentration | Rel. Resp. | IS Amount | IS Response | RRF      | Used |
|----|--------------------|---------------|------------|-----------|-------------|----------|------|
| 1  | IC 200-162223/2    | 0.035989      | 0.057834   | 20.0      | 1926206.0   | 1.606991 | N    |
| 2  | IC 200-162223/3    | 0.185086      | 0.229589   | 20.0      | 2037732.0   | 1.240443 | Y    |
| 3  | IC 200-162223/4    | 0.462118      | 0.544006   | 20.0      | 2072294.0   | 1.177201 | Y    |
| 4  | IC 200-162223/5    | 4.610133      | 5.607457   | 20.0      | 2186039.0   | 1.216333 | Y    |
| 5  | ICIS 200-162223/14 | 10.258009     | 11.502463  | 20.0      | 3456738.0   | 1.121315 | Y    |
| 6  | IC 200-162223/7    | 15.393649     | 19.415659  | 20.0      | 2366185.0   | 1.261277 | Y    |
| 7  | IC 200-162223/8    | 20.516019     | 24.6879    | 20.0      | 2578455.0   | 1.203348 | Y    |
| 8  | IC 200-162223/9    | 41.032038     | 53.788883  | 20.0      | 2946900.0   | 1.3109   | Y    |



## Calibration

/ Naphthalene

Curve Type: Average  
Weighting: Conc\_Sq  
Origin: Force  
Dependency: Response  
Calib Mode: ISTD  
Response Base: AREA  
RF Rounding: 0

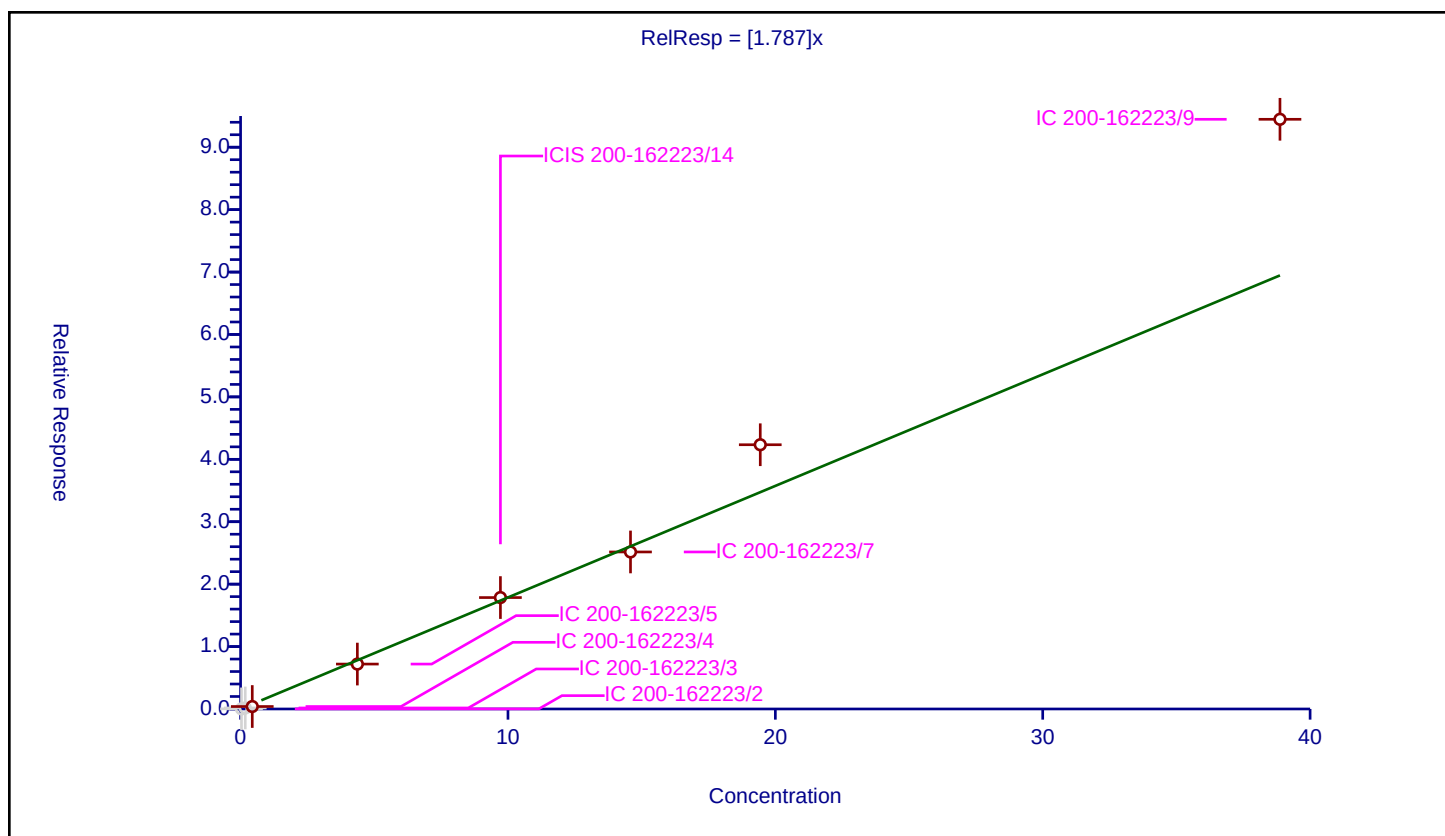
## Curve Coefficients

Intercept: 0  
Slope: 1.787

## Error Coefficients

Standard Error: 6970000  
Relative Standard Error: 29.3  
Correlation Coefficient: 0.970  
Coefficient of Determination (Adjusted): 0.927

| ID | Level              | Concentration | Rel. Resp. | IS Amount | IS Response | RRF      | Used |
|----|--------------------|---------------|------------|-----------|-------------|----------|------|
| 1  | IC 200-162223/2    | 0.034095      | 0.018056   | 20.0      | 1926206.0   | 0.529589 | N    |
| 2  | IC 200-162223/3    | 0.175345      | 0.166126   | 20.0      | 2037732.0   | 0.947425 | N    |
| 3  | IC 200-162223/4    | 0.437796      | 0.395909   | 20.0      | 2072294.0   | 0.904323 | Y    |
| 4  | IC 200-162223/5    | 4.367494      | 7.195233   | 20.0      | 2186039.0   | 1.647451 | Y    |
| 5  | ICIS 200-162223/14 | 9.718114      | 17.851298  | 20.0      | 3456738.0   | 1.83691  | Y    |
| 6  | IC 200-162223/7    | 14.583457     | 25.156241  | 20.0      | 2366185.0   | 1.724985 | Y    |
| 7  | IC 200-162223/8    | 19.436228     | 42.335934  | 20.0      | 2578455.0   | 2.178197 | Y    |
| 8  | IC 200-162223/9    | 38.872457     | 94.473739  | 20.0      | 2946900.0   | 2.430352 | 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

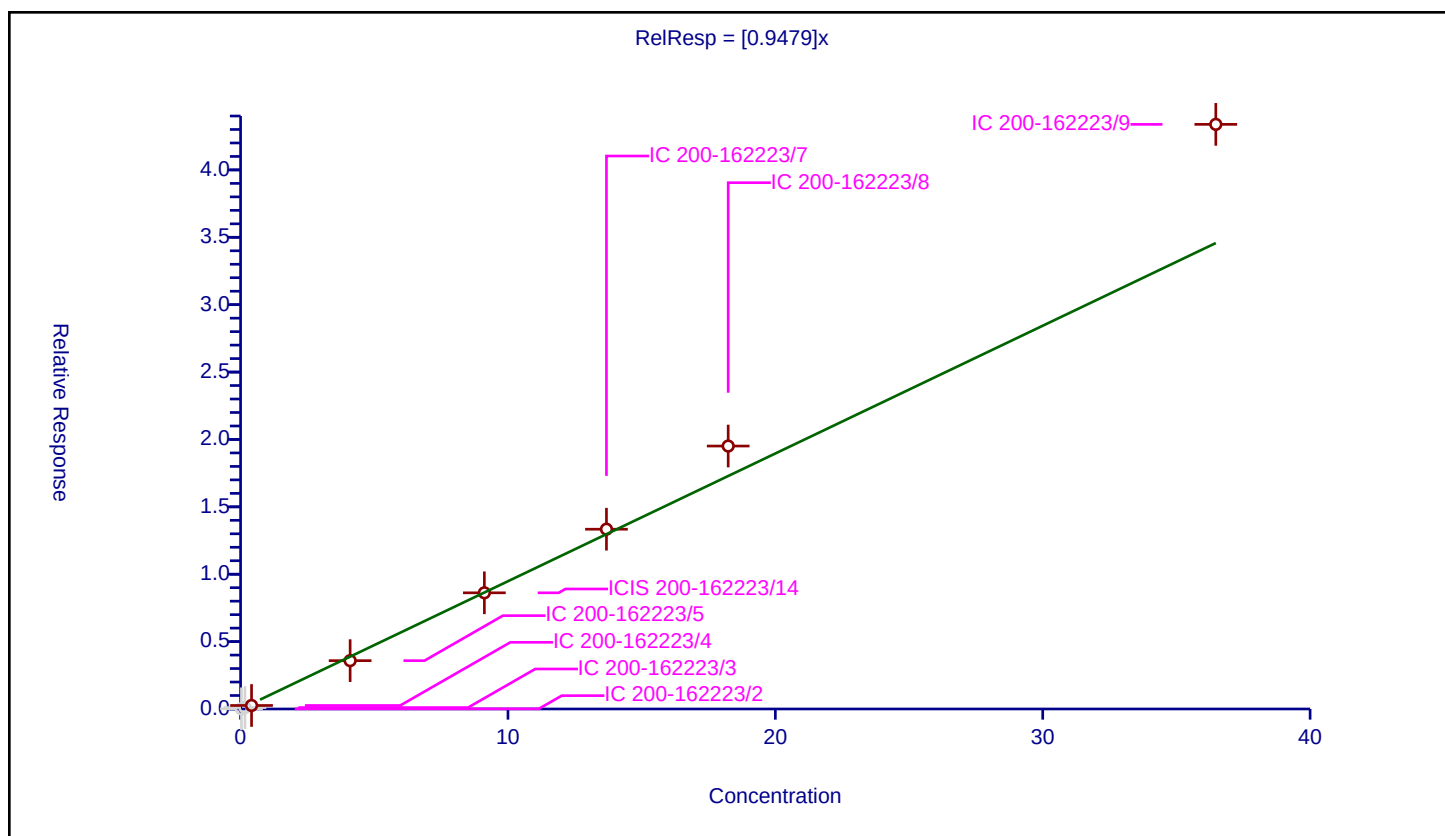
## Curve Coefficients

Intercept: 0  
 Slope: 0.9479

## Error Coefficients

Standard Error: 3230000  
 Relative Standard Error: 19.9  
 Correlation Coefficient: 0.977  
 Coefficient of Determination (Adjusted): 0.963

| ID | Level              | Concentration | Rel. Resp. | IS Amount | IS Response | RRF      | Used |
|----|--------------------|---------------|------------|-----------|-------------|----------|------|
| 1  | IC 200-162223/2    | 0.03199       | 0.013373   | 20.0      | 1926206.0   | 0.418048 | N    |
| 2  | IC 200-162223/3    | 0.164521      | 0.10652    | 20.0      | 2037732.0   | 0.647458 | N    |
| 3  | IC 200-162223/4    | 0.410771      | 0.259905   | 20.0      | 2072294.0   | 0.632725 | Y    |
| 4  | IC 200-162223/5    | 4.097896      | 3.585773   | 20.0      | 2186039.0   | 0.875028 | Y    |
| 5  | ICIS 200-162223/14 | 9.118231      | 8.621243   | 20.0      | 3456738.0   | 0.945495 | Y    |
| 6  | IC 200-162223/7    | 13.683244     | 13.340318  | 20.0      | 2366185.0   | 0.974938 | Y    |
| 7  | IC 200-162223/8    | 18.236461     | 19.512033  | 20.0      | 2578455.0   | 1.069946 | Y    |
| 8  | IC 200-162223/9    | 36.472922     | 43.381404  | 20.0      | 2946900.0   | 1.189414 | Y    |





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

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-56451-1 Analy Batch No.: 161875

SDG No.: 200-56451-1

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

Calibration Start Date: 12/09/2020 11:26 Calibration End Date: 12/09/2020 17:31 Calibration ID: 44728

Calibration Files:

|         |                   |                 |
|---------|-------------------|-----------------|
| LEVEL:  | LAB SAMPLE ID:    | LAB FILE ID:    |
| Level 1 | IC 200-161875/2   | 200-43976-002.D |
| Level 2 | IC 200-161875/3   | 200-43976-003.D |
| Level 3 | IC 200-161875/4   | 200-43976-004.D |
| Level 4 | IC 200-161875/5   | 200-43976-005.D |
| Level 5 | ICIS 200-161875/6 | 200-43976-006.D |
| Level 6 | IC 200-161875/7   | 200-43976-007.D |
| Level 7 | IC 200-161875/8   | 200-43976-008.D |
| Level 8 | IC 200-161875/9   | 200-43976-009.D |

| ANALYTE                       | RRF    |        |        |        |        | CURVE TYPE | COEFFICIENT |        |    | # | MIN RRF | %RSD | # | MAX %RSD | R^2 OR COD | # | MIN R^2 OR COD |
|-------------------------------|--------|--------|--------|--------|--------|------------|-------------|--------|----|---|---------|------|---|----------|------------|---|----------------|
|                               | LVL 1  | LVL 2  | LVL 3  | LVL 4  | LVL 5  |            | B           | M1     | M2 |   |         |      |   |          |            |   |                |
|                               | LVL 6  | LVL 7  | LVL 8  |        |        |            |             |        |    |   |         |      |   |          |            |   |                |
| Propylene                     | +++++  | +++++  | +++++  | 0.4683 | 0.4209 | Ave        |             | 0.4385 |    |   |         | 4.7  |   | 30.0     |            |   |                |
| Dichlorodifluoromethane       | 0.4263 | 0.4518 | 0.4254 |        |        |            |             |        |    |   |         |      |   |          |            |   |                |
|                               | +++++  | 3.2479 | 3.2489 | 3.1250 | 2.6785 | Ave        |             | 2.9327 |    |   |         | 9.1  |   | 30.0     |            |   |                |
|                               | 2.7010 | 2.8514 | 2.6759 |        |        |            |             |        |    |   |         |      |   |          |            |   |                |
| Chlorodifluoromethane         | +++++  | +++++  | 1.6839 | 1.2983 | 1.1316 | Ave        |             | 1.2537 |    |   |         | 17.6 |   | 30.0     |            |   |                |
|                               | 1.1192 | 1.1641 | 1.1249 |        |        |            |             |        |    |   |         |      |   |          |            |   |                |
| 1,2-Dichlorotetrafluoroethane | +++++  | 2.5816 | 3.0522 | 2.7164 | 2.3204 | Ave        |             | 2.5416 |    |   |         | 10.7 |   | 30.0     |            |   |                |
|                               | 2.3436 | 2.4659 | 2.3110 |        |        |            |             |        |    |   |         |      |   |          |            |   |                |
| Chloromethane                 | +++++  | +++++  | 0.6084 | 0.5426 | 0.4396 | Ave        |             | 0.4958 |    |   |         | 13.5 |   | 30.0     |            |   |                |
|                               | 0.4505 | 0.4838 | 0.4502 |        |        |            |             |        |    |   |         |      |   |          |            |   |                |
| Vinyl chloride                | 0.6790 | 0.6028 | 0.7546 | 0.6367 | 0.5574 | Ave        |             | 0.6199 |    |   |         | 11.0 |   | 30.0     |            |   |                |
|                               | 0.5651 | 0.5975 | 0.5664 |        |        |            |             |        |    |   |         |      |   |          |            |   |                |
| n-Butane                      | +++++  | +++++  | 0.9138 | 0.8344 | 0.7114 | Ave        |             | 0.7832 |    |   |         | 9.9  |   | 30.0     |            |   |                |
|                               | 0.7394 | 0.7702 | 0.7298 |        |        |            |             |        |    |   |         |      |   |          |            |   |                |
| 1,3-Butadiene                 | 0.4370 | 0.5221 | 0.4144 | 0.4530 | 0.3853 | Ave        |             | 0.4283 |    |   |         | 10.3 |   | 30.0     |            |   |                |
|                               | 0.3989 | 0.4217 | 0.3940 |        |        |            |             |        |    |   |         |      |   |          |            |   |                |
| Bromomethane                  | +++++  | 1.0260 | 0.9873 | 0.8881 | 0.7766 | Ave        |             | 0.8627 |    |   |         | 12.4 |   | 30.0     |            |   |                |
|                               | 0.7810 | 0.8142 | 0.7656 |        |        |            |             |        |    |   |         |      |   |          |            |   |                |
| Chloroethane                  | +++++  | +++++  | 0.3508 | 0.2580 | 0.2289 | Ave        |             | 0.2589 |    |   |         | 17.9 |   | 30.0     |            |   |                |
|                               | 0.2348 | 0.2497 | 0.2310 |        |        |            |             |        |    |   |         |      |   |          |            |   |                |
| Isopentane                    | +++++  | 0.7928 | 0.6988 | 0.6249 | 0.5441 | Ave        |             | 0.6189 |    |   |         | 15.3 |   | 30.0     |            |   |                |
|                               | 0.5519 | 0.5734 | 0.5463 |        |        |            |             |        |    |   |         |      |   |          |            |   |                |
| Bromoethene (Vinyl Bromide)   | +++++  | 0.9126 | 1.0589 | 0.8887 | 0.7869 | Ave        |             | 0.8717 |    |   |         | 10.9 |   | 30.0     |            |   |                |
|                               | 0.8125 | 0.8465 | 0.7959 |        |        |            |             |        |    |   |         |      |   |          |            |   |                |
| Trichlorofluoromethane        | +++++  | 2.7523 | 3.2271 | 2.8350 | 2.5046 | Ave        |             | 2.7516 |    |   |         | 8.6  |   | 30.0     |            |   |                |
|                               | 2.6227 | 2.7256 | 2.5941 |        |        |            |             |        |    |   |         |      |   |          |            |   |                |
| n-Pentane                     | +++++  | +++++  | 1.1070 | 0.9815 | 0.8441 | Ave        |             | 0.9129 |    |   |         | 12.1 |   | 30.0     |            |   |                |
|                               | 0.8375 | 0.8804 | 0.8269 |        |        |            |             |        |    |   |         |      |   |          |            |   |                |

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 TestAmerica, Burlington Job No.: 200-56451-1 Analy Batch No.: 161875  
SDG No.: 200-56451-1  
Instrument ID: CHG.i GC Column: RTX-624 ID: 0.32 (mm) Heated Purge: (Y/N) N  
Calibration Start Date: 12/09/2020 11:26 Calibration End Date: 12/09/2020 17:31 Calibration ID: 44728

| ANALYTE                          | RRF              |                  |                  |        |        | CURVE<br>TYPE | COEFFICIENT |        |    | # | MIN RRF | %RSD | # | MAX<br>%RSD | R^2<br>OR COD | # | MIN R^2<br>OR COD |
|----------------------------------|------------------|------------------|------------------|--------|--------|---------------|-------------|--------|----|---|---------|------|---|-------------|---------------|---|-------------------|
|                                  | LVL 1<br>LVL 6   | LVL 2<br>LVL 7   | LVL 3<br>LVL 8   | LVL 4  | LVL 5  |               | B           | M1     | M2 |   |         |      |   |             |               |   |                   |
| Ethanol                          | ++++<br>0.2287   | ++++<br>0.2295   | 0.3054<br>0.1995 | 0.3039 | 0.2326 | Ave           |             | 0.2499 |    |   |         | 17.6 |   | 30.0        |               |   |                   |
| Ethyl ether                      | ++++<br>0.2893   | 0.4843<br>0.2864 | 0.2830<br>0.2761 | 0.3289 | 0.3132 | Ave           |             | 0.3230 |    |   |         | 22.8 |   | 30.0        |               |   |                   |
| Acrolein                         | ++++<br>0.1427   | ++++<br>0.1133   | ++++<br>0.1337   | 0.1153 | 0.1277 | Ave           |             | 0.1265 |    |   |         | 9.8  |   | 30.0        |               |   |                   |
| 1,1-Dichloroethene               | 1.0503<br>0.7339 | 0.9095<br>0.7650 | 0.2874<br>0.7035 | 0.8727 | 0.7072 | Ave           |             | 0.8271 |    |   |         | 14.7 |   | 30.0        |               |   |                   |
| Acetone                          | ++++<br>0.7610   | ++++<br>0.6070   | ++++<br>0.6434   | 0.8928 | 0.7678 | Ave           |             | 0.7344 |    |   |         | 15.4 |   | 30.0        |               |   |                   |
| 1,1,2-Trichlorotrifluoroethane   | ++++<br>1.7374   | 2.3341<br>1.7985 | 0.2507<br>1.6977 | 1.9469 | 1.6651 | Ave           |             | 1.9186 |    |   |         | 14.2 |   | 30.0        |               |   |                   |
| Isopropyl alcohol                | ++++<br>0.8705   | ++++<br>0.9441   | ++++<br>0.8298   | 1.0254 | 0.9033 | Ave           |             | 0.9146 |    |   |         | 8.2  |   | 30.0        |               |   |                   |
| Carbon disulfide                 | ++++<br>2.0100   | ++++<br>2.1520   | 2.6209<br>1.9973 | 2.3731 | 2.0315 | Ave           |             | 2.1975 |    |   |         | 11.4 |   | 30.0        |               |   |                   |
| Acetonitrile                     | ++++<br>0.3212   | ++++<br>0.2558   | ++++<br>0.2651   | 0.3550 | 0.3039 | Ave           |             | 0.3002 |    |   |         | 13.6 |   | 30.0        |               |   |                   |
| 3-Chloropropene                  | ++++<br>0.7272   | 0.6545<br>0.7527 | 0.8791<br>0.7266 | 0.8407 | 0.5951 | Ave           |             | 0.7394 |    |   |         | 13.3 |   | 30.0        |               |   |                   |
| Methylene Chloride               | ++++<br>0.7815   | ++++<br>0.8066   | 1.1054<br>0.7755 | 0.9234 | 0.7649 | Ave           |             | 0.8595 |    |   |         | 15.6 |   | 30.0        |               |   |                   |
| tert-Butyl alcohol               | ++++<br>1.1323   | ++++<br>1.2252   | ++++<br>1.1160   | 1.3025 | 1.1439 | Ave           |             | 1.1840 |    |   |         | 6.6  |   | 30.0        |               |   |                   |
| Acrylonitrile                    | ++++<br>0.3244   | ++++<br>0.2603   | ++++<br>0.2681   | 0.3283 | 0.2877 | Ave           |             | 0.2938 |    |   |         | 10.7 |   | 30.0        |               |   |                   |
| trans-1,2-Dichloroethene         | ++++<br>1.0593   | 1.3557<br>1.0984 | 1.5055<br>1.0316 | 1.2340 | 1.0346 | Ave           |             | 1.1885 |    |   |         | 15.5 |   | 30.0        |               |   |                   |
| Methyl tert-butyl ether          | ++++<br>1.6326   | 1.8563<br>1.6215 | 2.1458<br>1.4540 | 1.8381 | 1.5801 | Ave           |             | 1.7326 |    |   |         | 13.3 |   | 30.0        |               |   |                   |
| n-Hexane                         | ++++<br>0.7741   | 0.9064<br>0.7988 | 1.0431<br>0.7336 | 0.9052 | 0.7434 | Ave           |             | 0.8435 |    |   |         | 13.4 |   | 30.0        |               |   |                   |
| 1,1-Dichloroethane               | 1.3591<br>1.2062 | 1.6368<br>1.2140 | 1.6224<br>1.1247 | 1.3984 | 1.1696 | Ave           |             | 1.3414 |    |   |         | 14.9 |   | 30.0        |               |   |                   |
| Vinyl acetate                    | ++++<br>1.3877   | ++++<br>1.1009   | ++++<br>1.1538   | 1.4026 | 1.2793 | Ave           |             | 1.2649 |    |   |         | 10.7 |   | 30.0        |               |   |                   |
| Methyl Ethyl Ketone (2-Butanone) | ++++<br>0.2486   | ++++<br>0.2367   | 0.4334<br>0.2075 | 0.3195 | 0.2493 | Ave           |             | 0.2825 |    |   |         | 29.2 |   | 30.0        |               |   |                   |
| cis-1,2-Dichloroethene           | 0.8563<br>0.8104 | 1.0270<br>0.8040 | 1.0767<br>0.7710 | 0.9384 | 0.7689 | Ave           |             | 0.8816 |    |   |         | 13.5 |   | 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 TestAmerica, Burlington Job No.: 200-56451-1 Analy Batch No.: 161875  
SDG No.: 200-56451-1  
Instrument ID: CHG.i GC Column: RTX-624 ID: 0.32 (mm) Heated Purge: (Y/N) N  
Calibration Start Date: 12/09/2020 11:26 Calibration End Date: 12/09/2020 17:31 Calibration ID: 44728

| ANALYTE                                       | RRF              |                  |                  |        |        | CURVE<br>TYPE | COEFFICIENT |        |    | # | MIN RRF | %RSD | # | MAX<br>%RSD | R^2<br>OR COD | # | MIN R^2<br>OR COD |
|-----------------------------------------------|------------------|------------------|------------------|--------|--------|---------------|-------------|--------|----|---|---------|------|---|-------------|---------------|---|-------------------|
|                                               | LVL 1<br>LVL 6   | LVL 2<br>LVL 7   | LVL 3<br>LVL 8   | LVL 4  | LVL 5  |               | B           | M1     | M2 |   |         |      |   |             |               |   |                   |
| Ethyl acetate                                 | ++++<br>0.0387   | ++++<br>0.0362   | ++++<br>0.0312   | 0.0477 | 0.0380 | Ave           |             | 0.0384 |    |   |         | 15.6 |   | 30.0        |               |   |                   |
| Tetrahydrofuran                               | ++++<br>0.0918   | ++++<br>0.0929   | ++++<br>0.0870   | 0.1456 | 0.0919 | Ave           |             | 0.1018 |    |   |         | 24.1 |   | 30.0        |               |   |                   |
| Chloroform                                    | ++++<br>1.9708   | 2.1842<br>2.0296 | 2.4357<br>1.9259 | 2.2790 | 1.9277 | Ave           |             | 2.1076 |    |   |         | 9.4  |   | 30.0        |               |   |                   |
| 1,1,1-Trichloroethane                         | ++++<br>0.3753   | 0.4738<br>0.4245 | 0.5223<br>0.3773 | 0.5024 | 0.3601 | Ave           |             | 0.4337 |    |   |         | 15.3 |   | 30.0        |               |   |                   |
| Cyclohexane                                   | ++++<br>0.1543   | 0.2257<br>0.1734 | 0.2594<br>0.1541 | 0.2127 | 0.1513 | Ave           |             | 0.1901 |    |   |         | 22.5 |   | 30.0        |               |   |                   |
| Carbon tetrachloride                          | 0.4851<br>0.4493 | 0.4793<br>0.5173 | 0.5861<br>0.4661 | 0.5875 | 0.4232 | Ave           |             | 0.4993 |    |   |         | 12.1 |   | 30.0        |               |   |                   |
| Benzene                                       | ++++<br>0.4261   | 0.5534<br>0.4108 | 0.6027<br>0.4224 | 0.5241 | 0.4150 | Ave           |             | 0.4792 |    |   |         | 16.5 |   | 30.0        |               |   |                   |
| 1,2-Dichloroethane                            | ++++<br>0.2180   | 0.2610<br>0.2217 | 0.2852<br>0.2232 | 0.2566 | 0.2092 | Ave           |             | 0.2393 |    |   |         | 11.8 |   | 30.0        |               |   |                   |
| 2,2,4-Trimethylpentane                        | ++++<br>0.5977   | 0.7918<br>0.6658 | 0.8903<br>0.5810 | 0.8309 | 0.5861 | Ave           |             | 0.7062 |    |   |         | 18.3 |   | 30.0        |               |   |                   |
| n-Heptane                                     | ++++<br>0.2405   | 0.3491<br>0.2639 | 0.3527<br>0.2297 | 0.3305 | 0.2365 | Ave           |             | 0.2861 |    |   |         | 19.5 |   | 30.0        |               |   |                   |
| n-Butanol                                     | ++++<br>0.0861   | ++++<br>0.1079   | ++++<br>0.0879   | 0.1203 | 0.0882 | Ave           |             | 0.0981 |    |   |         | 15.6 |   | 30.0        |               |   |                   |
| Trichloroethene                               | 0.3295<br>0.2920 | 0.3952<br>0.3346 | 0.3692<br>0.2959 | 0.3952 | 0.2844 | Ave           |             | 0.3370 |    |   |         | 13.4 |   | 30.0        |               |   |                   |
| 1,2-Dichloropropane                           | ++++<br>0.1740   | 0.2465<br>0.1665 | 0.2428<br>0.1647 | 0.2217 | 0.1662 | Ave           |             | 0.1975 |    |   |         | 19.2 |   | 30.0        |               |   |                   |
| Methyl methacrylate                           | ++++<br>0.1325   | ++++<br>0.1518   | ++++<br>0.1174   | 0.1982 | 0.1327 | Ave           |             | 0.1522 |    |   |         | 20.5 |   | 30.0        |               |   |                   |
| 1,4-Dioxane                                   | ++++<br>0.0929   | ++++<br>0.1022   | ++++<br>0.0815   | 0.1327 | 0.0976 | Ave           |             | 0.1014 |    |   |         | 18.9 |   | 30.0        |               |   |                   |
| Dibromomethane                                | ++++<br>0.2963   | 0.3561<br>0.3348 | 0.3926<br>0.3018 | 0.3888 | 0.2857 | Ave           |             | 0.3366 |    |   |         | 13.1 |   | 30.0        |               |   |                   |
| Bromodichloromethane                          | ++++<br>0.4426   | 0.5246<br>0.4959 | 0.5669<br>0.4756 | 0.5899 | 0.4366 | Ave           |             | 0.5046 |    |   |         | 11.7 |   | 30.0        |               |   |                   |
| cis-1,3-Dichloropropene                       | ++++<br>0.3142   | 0.3744<br>0.3299 | 0.4135<br>0.3278 | 0.4020 | 0.3159 | Ave           |             | 0.3539 |    |   |         | 11.9 |   | 30.0        |               |   |                   |
| 4-Methyl-2-pentanone (Methyl isobutyl ketone) | ++++<br>0.3455   | ++++<br>0.3981   | 0.4786<br>0.3173 | 0.4757 | 0.3349 | Ave           |             | 0.3917 |    |   |         | 18.2 |   | 30.0        |               |   |                   |
| Toluene                                       | ++++<br>0.4106   | 0.5344<br>0.3662 | 0.5631<br>0.3785 | 0.4602 | 0.3629 | Ave           |             | 0.4394 |    |   |         | 18.7 |   | 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 TestAmerica, Burlington Job No.: 200-56451-1 Analy Batch No.: 161875  
SDG No.: 200-56451-1  
Instrument ID: CHG.i GC Column: RTX-624 ID: 0.32 (mm) Heated Purge: (Y/N) N  
Calibration Start Date: 12/09/2020 11:26 Calibration End Date: 12/09/2020 17:31 Calibration ID: 44728

| ANALYTE                          | RRF              |                  |                  |        |        | CURVE<br>TYPE | COEFFICIENT |        |    | # | MIN RRF | %RSD | # | MAX<br>%RSD | R^2<br>OR COD | # | MIN R^2<br>OR COD |
|----------------------------------|------------------|------------------|------------------|--------|--------|---------------|-------------|--------|----|---|---------|------|---|-------------|---------------|---|-------------------|
|                                  | LVL 1<br>LVL 6   | LVL 2<br>LVL 7   | LVL 3<br>LVL 8   | LVL 4  | LVL 5  |               | B           | M1     | M2 |   |         |      |   |             |               |   |                   |
| n-Octane                         | ++++<br>0.3747   | 0.4460<br>0.4158 | 0.5287<br>0.3628 | 0.5353 | 0.3752 | Ave           |             | 0.4341 |    |   |         | 16.8 |   | 30.0        |               |   |                   |
| trans-1,3-Dichloropropene        | ++++<br>0.2951   | 0.3565<br>0.3140 | 0.3316<br>0.3019 | 0.3850 | 0.2796 | Ave           |             | 0.3234 |    |   |         | 11.4 |   | 30.0        |               |   |                   |
| 1,1,2-Trichloroethane            | ++++<br>0.2348   | 0.2915<br>0.1983 | 0.3125<br>0.2047 | 0.2492 | 0.1962 | Ave           |             | 0.2410 |    |   |         | 19.3 |   | 30.0        |               |   |                   |
| Tetrachloroethene                | 0.4871<br>0.4487 | 0.4857<br>0.4540 | 0.6077<br>0.4458 | 0.5098 | 0.4089 | Ave           |             | 0.4809 |    |   |         | 12.5 |   | 30.0        |               |   |                   |
| Methyl Butyl Ketone (2-Hexanone) | ++++<br>0.3618   | ++++<br>0.3671   | 0.4302<br>0.3362 | 0.4184 | 0.3347 | Ave           |             | 0.3747 |    |   |         | 10.9 |   | 30.0        |               |   |                   |
| Dibromochloromethane             | ++++<br>0.6567   | 0.4954<br>0.6186 | 0.7367<br>0.6318 | 0.6858 | 0.5925 | Ave           |             | 0.6311 |    |   |         | 12.1 |   | 30.0        |               |   |                   |
| 1,2-Dibromoethane                | ++++<br>0.4361   | 0.4358<br>0.4066 | 0.4989<br>0.4374 | 0.4748 | 0.3930 | Ave           |             | 0.4404 |    |   |         | 8.3  |   | 30.0        |               |   |                   |
| Chlorobenzene                    | ++++<br>0.6164   | 0.6393<br>0.6080 | 0.7133<br>0.5998 | 0.6696 | 0.5699 | Ave           |             | 0.6309 |    |   |         | 7.6  |   | 30.0        |               |   |                   |
| Ethylbenzene                     | ++++<br>0.9146   | 1.2187<br>0.8804 | 1.2332<br>0.9020 | 1.0035 | 0.7980 | Ave           |             | 0.9929 |    |   |         | 17.1 |   | 30.0        |               |   |                   |
| m,p-Xylene                       | ++++<br>0.3498   | ++++<br>0.3418   | 0.4159<br>0.3415 | 0.3959 | 0.3089 | Ave           |             | 0.3590 |    |   |         | 11.0 |   | 30.0        |               |   |                   |
| n-Nonane                         | ++++<br>0.3923   | 0.3918<br>0.3714 | 0.4526<br>0.4087 | 0.4298 | 0.3584 | Ave           |             | 0.4007 |    |   |         | 8.2  |   | 30.0        |               |   |                   |
| o-Xylene                         | ++++<br>0.3418   | 0.4742<br>0.3330 | 0.4415<br>0.3099 | 0.3866 | 0.2986 | Ave           |             | 0.3694 |    |   |         | 18.2 |   | 30.0        |               |   |                   |
| Styrene                          | ++++<br>0.5395   | 0.5966<br>0.5528 | 0.5648<br>0.5201 | 0.5792 | 0.4847 | Ave           |             | 0.5482 |    |   |         | 6.9  |   | 30.0        |               |   |                   |
| Bromoform                        | ++++<br>0.6621   | 0.2136<br>0.6343 | 0.6011<br>0.5804 | 0.6714 | 0.5582 | Ave           |             | 0.5602 |    |   |         | 28.3 |   | 30.0        |               |   |                   |
| Cumene                           | ++++<br>1.0030   | 1.0440<br>1.0073 | 1.1026<br>0.9363 | 1.0969 | 0.8918 | Ave           |             | 1.0117 |    |   |         | 7.7  |   | 30.0        |               |   |                   |
| 1,1,2,2-Tetrachloroethane        | ++++<br>0.5170   | 0.6673<br>0.5208 | 0.6616<br>0.4731 | 0.6079 | 0.4706 | Ave           |             | 0.5598 |    |   |         | 15.1 |   | 30.0        |               |   |                   |
| 1,2,3-Trichloropropane           | ++++<br>0.3946   | ++++<br>0.4069   | 0.5365<br>0.3699 | 0.4481 | 0.3675 | Ave           |             | 0.4206 |    |   |         | 15.2 |   | 30.0        |               |   |                   |
| n-Propylbenzene                  | ++++<br>1.1907   | 1.2466<br>1.2220 | 1.3022<br>1.1253 | 1.3231 | 1.0701 | Ave           |             | 1.2114 |    |   |         | 7.5  |   | 30.0        |               |   |                   |
| 2-Chlorotoluene                  | ++++<br>0.7977   | 0.8751<br>0.7975 | 0.8935<br>0.7636 | 0.8664 | 0.7201 | Ave           |             | 0.8163 |    |   |         | 7.9  |   | 30.0        |               |   |                   |
| 4-Ethyltoluene                   | ++++<br>1.0175   | 0.9637<br>1.0660 | 1.0707<br>0.9587 | 1.0842 | 0.9076 | Ave           |             | 1.0098 |    |   |         | 6.7  |   | 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 TestAmerica, Burlington Job No.: 200-56451-1 Analy Batch No.: 161875  
SDG No.: 200-56451-1  
Instrument ID: CHG.i GC Column: RTX-624 ID: 0.32 (mm) Heated Purge: (Y/N) N  
Calibration Start Date: 12/09/2020 11:26 Calibration End Date: 12/09/2020 17:31 Calibration ID: 44728

| ANALYTE                | RRF            |                  |                  |        |        | CURVE<br>TYPE | COEFFICIENT |        |    | # | MIN RRF | %RSD | # | MAX<br>%RSD | R^2<br>OR COD | # | MIN R^2<br>OR COD |
|------------------------|----------------|------------------|------------------|--------|--------|---------------|-------------|--------|----|---|---------|------|---|-------------|---------------|---|-------------------|
|                        | LVL 1<br>LVL 6 | LVL 2<br>LVL 7   | LVL 3<br>LVL 8   | LVL 4  | LVL 5  |               | B           | M1     | M2 |   |         |      |   |             |               |   |                   |
| 1,3,5-Trimethylbenzene | ++++<br>0.8749 | 0.9345<br>0.9226 | 1.0348<br>0.8387 | 0.9509 | 0.7913 | Ave           |             | 0.9068 |    |   |         | 8.8  |   | 30.0        |               |   |                   |
| n-Decane               | ++++<br>0.4807 | ++++<br>0.4858   | 0.4434<br>0.4498 | 0.4622 | 0.4286 | Ave           |             | 0.4584 |    |   |         | 4.8  |   | 30.0        |               |   |                   |
| Alpha Methyl Styrene   | ++++<br>0.4616 | 0.3820<br>0.4845 | 0.4110<br>0.4542 | 0.4559 | 0.4027 | Ave           |             | 0.4360 |    |   |         | 8.6  |   | 30.0        |               |   |                   |
| tert-Butylbenzene      | ++++<br>0.8261 | 0.8235<br>0.8614 | 0.8841<br>0.7790 | 0.8962 | 0.7447 | Ave           |             | 0.8307 |    |   |         | 6.6  |   | 30.0        |               |   |                   |
| 1,2,4-Trimethylbenzene | ++++<br>0.8855 | 0.9255<br>0.9253 | 0.9537<br>0.8374 | 0.9648 | 0.7961 | Ave           |             | 0.8983 |    |   |         | 6.9  |   | 30.0        |               |   |                   |
| sec-Butylbenzene       | ++++<br>1.2399 | 1.3246<br>1.2829 | 1.2988<br>1.1504 | 1.3070 | 1.1056 | Ave           |             | 1.2442 |    |   |         | 6.8  |   | 30.0        |               |   |                   |
| 1,3-Dichlorobenzene    | ++++<br>0.6474 | 0.6889<br>0.6992 | 0.6537<br>0.6642 | 0.6740 | 0.5959 | Ave           |             | 0.6605 |    |   |         | 5.1  |   | 30.0        |               |   |                   |
| 4-Isopropyltoluene     | ++++<br>1.0712 | 1.2242<br>1.1371 | 1.1671<br>1.0146 | 1.0948 | 0.9715 | Ave           |             | 1.0972 |    |   |         | 8.0  |   | 30.0        |               |   |                   |
| 1,4-Dichlorobenzene    | ++++<br>0.6561 | 0.6770<br>0.7119 | 0.6660<br>0.6840 | 0.6957 | 0.6044 | Ave           |             | 0.6707 |    |   |         | 5.2  |   | 30.0        |               |   |                   |
| Benzyl chloride        | ++++<br>0.6359 | 0.6744<br>0.7140 | 0.6854<br>0.6798 | 0.6902 | 0.6046 | Ave           |             | 0.6692 |    |   |         | 5.5  |   | 30.0        |               |   |                   |
| n-Butylbenzene         | ++++<br>1.0049 | 0.9044<br>0.9836 | 1.0145<br>0.8505 | 0.9979 | 0.8630 | Ave           |             | 0.9456 |    |   |         | 7.5  |   | 30.0        |               |   |                   |
| 1,2-Dichlorobenzene    | ++++<br>0.6657 | 0.6706<br>0.6605 | 0.7118<br>0.6004 | 0.6750 | 0.5906 | Ave           |             | 0.6535 |    |   |         | 6.6  |   | 30.0        |               |   |                   |
| n-Undecane             | ++++<br>0.4880 | ++++<br>0.4921   | ++++<br>0.4486   | 0.4545 | 0.4254 | Ave           |             | 0.4617 |    |   |         | 6.1  |   | 30.0        |               |   |                   |
| n-Dodecane             | ++++<br>0.2921 | ++++<br>0.4026   | ++++<br>0.4114   | 0.4579 | 0.3373 | Ave           |             | 0.3802 |    |   |         | 17.2 |   | 30.0        |               |   |                   |
| 1,2,4-Trichlorobenzene | ++++<br>0.4499 | ++++<br>0.6155   | 0.3863<br>0.5413 | 0.4996 | 0.4677 | Ave           |             | 0.4934 |    |   |         | 16.0 |   | 30.0        |               |   |                   |
| Hexachlorobutadiene    | ++++<br>0.5917 | 0.6196<br>0.6442 | 0.6813<br>0.6212 | 0.6608 | 0.5535 | Ave           |             | 0.6246 |    |   |         | 6.9  |   | 30.0        |               |   |                   |
| Naphthalene            | ++++<br>0.8634 | ++++<br>1.1776   | 0.6193<br>1.1532 | 0.9861 | 0.9551 | Ave           |             | 0.9591 |    |   |         | 21.4 |   | 30.0        |               |   |                   |
| 1,2,3-Trichlorobenzene | ++++<br>0.4344 | ++++<br>0.5371   | 0.4200<br>0.5267 | 0.4700 | 0.4544 | Ave           |             | 0.4738 |    |   |         | 10.2 |   | 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  
RESPONSE AND CONCENTRATION

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-56451-1 Analy Batch No.: 161875

SDG No.: 200-56451-1

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

Calibration Start Date: 12/09/2020 11:26 Calibration End Date: 12/09/2020 17:31 Calibration ID: 44728

Calibration Files:

| LEVEL:  | LAB SAMPLE ID:    | LAB FILE ID:    |
|---------|-------------------|-----------------|
| Level 1 | IC 200-161875/2   | 200-43976-002.D |
| Level 2 | IC 200-161875/3   | 200-43976-003.D |
| Level 3 | IC 200-161875/4   | 200-43976-004.D |
| Level 4 | IC 200-161875/5   | 200-43976-005.D |
| Level 5 | ICIS 200-161875/6 | 200-43976-006.D |
| Level 6 | IC 200-161875/7   | 200-43976-007.D |
| Level 7 | IC 200-161875/8   | 200-43976-008.D |
| Level 8 | IC 200-161875/9   | 200-43976-009.D |

| ANALYTE                       | IS<br>REF | CURVE<br>TYPE | RESPONSE       |                        |                          |        |        | CONCENTRATION (PPB V/V) |                       |                       |       |       |
|-------------------------------|-----------|---------------|----------------|------------------------|--------------------------|--------|--------|-------------------------|-----------------------|-----------------------|-------|-------|
|                               |           |               | LVL 1<br>LVL 6 | LVL 2<br>LVL 7         | LVL 3<br>LVL 8           | LVL 4  | LVL 5  | LVL 1<br>LVL 6          | LVL 2<br>LVL 7        | LVL 3<br>LVL 8        | LVL 4 | LVL 5 |
| Propylene                     | BCM       | Ave           | ++++<br>88147  | ++++<br>116396         | ++++<br>223757           | 26238  | 56983  | ++++<br>15.5            | ++++<br>20.6          | ++++<br>41.3          | 4.64  | 10.3  |
| Dichlorodifluoromethane       | BCM       | Ave           | ++++<br>565005 | ++++<br>743112         | ++++<br>19784<br>1424036 | 177134 | 366821 | ++++<br>15.7            | ++++<br>0.188<br>20.9 | ++++<br>0.470<br>41.8 | 4.69  | 10.4  |
| Chlorodifluoromethane         | BCM       | Ave           | ++++<br>235006 | ++++<br>304528         | ++++<br>10293<br>600944  | 73875  | 155570 | ++++<br>15.7            | ++++<br>21.0          | ++++<br>0.472<br>41.9 | 4.71  | 10.5  |
| 1,2-Dichlorotetrafluoroethane | BCM       | Ave           | ++++<br>488827 | ++++<br>7218<br>640797 | ++++<br>18533<br>1226306 | 153530 | 316865 | ++++<br>15.6            | ++++<br>0.188<br>20.8 | ++++<br>0.469<br>41.6 | 4.68  | 10.4  |
| Chloromethane                 | BCM       | Ave           | ++++<br>98568  | ++++<br>131871         | ++++<br>3875<br>250619   | 32169  | 62972  | ++++<br>16.4            | ++++<br>21.8          | ++++<br>0.492<br>43.7 | 4.91  | 10.9  |
| Vinyl chloride                | BCM       | Ave           | ++++<br>117642 | ++++<br>394<br>154963  | ++++<br>1682<br>299955   | 35917  | 75977  | 0.0364<br>15.6          | 0.187<br>20.8         | 0.468<br>41.6         | 4.67  | 10.4  |
| n-Butane                      | BCM       | Ave           | ++++<br>153483 | ++++<br>199188         | ++++<br>5522<br>385403   | 46936  | 96678  | ++++<br>15.5            | ++++<br>20.7          | ++++<br>0.467<br>41.4 | 4.66  | 10.4  |
| 1,3-Butadiene                 | BCM       | Ave           | ++++<br>80891  | ++++<br>247<br>106524  | ++++<br>1419<br>203273   | 24888  | 51150  | 0.0355<br>15.2          | 0.182<br>20.2         | 0.456<br>40.5         | 4.55  | 10.1  |
| Bromomethane                  | BCM       | Ave           | ++++<br>161337 | ++++<br>2841<br>209555 | ++++<br>5937<br>402381   | 49713  | 105032 | ++++<br>15.5            | ++++<br>0.186<br>20.6 | ++++<br>0.464<br>41.2 | 4.63  | 10.3  |
| Chloroethane                  | BCM       | Ave           | ++++<br>48882  | ++++<br>64771          | ++++<br>2126<br>122367   | 14553  | 31198  | ++++<br>15.6            | ++++<br>20.8          | ++++<br>0.468<br>41.6 | 4.67  | 10.4  |
| Isopentane                    | BCM       | Ave           | ++++<br>115453 | ++++<br>2223<br>149445 | ++++<br>4255<br>290724   | 35419  | 74511  | ++++<br>15.7            | ++++<br>0.188<br>20.9 | ++++<br>0.470<br>41.8 | 4.69  | 10.4  |
| Bromoethene (Vinyl Bromide)   | BCM       | Ave           | ++++<br>169645 | ++++<br>2554<br>220176 | ++++<br>6436<br>422731   | 50276  | 107568 | ++++<br>15.6            | ++++<br>0.188<br>20.8 | ++++<br>0.469<br>41.7 | 4.68  | 10.4  |
| Trichlorofluoromethane        | BCM       | Ave           | ++++<br>554923 | ++++<br>7806<br>718472 | ++++<br>19877<br>1396360 | 162544 | 346950 | ++++<br>15.8            | ++++<br>0.190<br>21.1 | ++++<br>0.476<br>42.2 | 4.74  | 10.6  |
| n-Pentane                     | BCM       | Ave           | ++++<br>169996 | ++++<br>6541<br>222636 | ++++<br>53984<br>426966  | 53984  | 112169 | ++++<br>15.2            | ++++<br>20.3          | ++++<br>0.456<br>40.5 | 4.55  | 10.1  |
| Ethanol                       | BCM       | Ave           | ++++<br>61228  | ++++<br>114598         | ++++<br>17835<br>254285  | 33019  | 45796  | ++++<br>20.0            | ++++<br>40.0          | ++++<br>4.51<br>100.0 | 8.99  | 15.0  |

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

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-56451-1 Analy Batch No.: 161875

SDG No.: 200-56451-1

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

Calibration Start Date: 12/09/2020 11:26 Calibration End Date: 12/09/2020 17:31 Calibration ID: 44728

| ANALYTE                          | IS<br>REF | CURVE<br>TYPE | RESPONSE       |                |                  |        |        | CONCENTRATION (PPB V/V) |                |                |       |       |
|----------------------------------|-----------|---------------|----------------|----------------|------------------|--------|--------|-------------------------|----------------|----------------|-------|-------|
|                                  |           |               | LVL 1<br>LVL 6 | LVL 2<br>LVL 7 | LVL 3<br>LVL 8   | LVL 4  | LVL 5  | LVL 1<br>LVL 6          | LVL 2<br>LVL 7 | LVL 3<br>LVL 8 | LVL 4 | LVL 5 |
| Ethyl ether                      | BCM       | Ave           | ++++<br>58436  | 1311<br>72061  | 1664<br>141847   | 18000  | 41415  | ++++<br>15.1            | 0.182<br>20.2  | 0.454<br>40.3  | 4.53  | 10.1  |
| Acrolein                         | BCM       | Ave           | ++++<br>27796  | ++++<br>27486  | ++++<br>66227    | 6085   | 16288  | ++++<br>14.6            | ++++<br>19.4   | ++++<br>38.9   | 4.37  | 9.72  |
| 1,1-Dichloroethene               | BCM       | Ave           | 603<br>151165  | 2511<br>196301 | 5245<br>368664   | 48711  | 95374  | 0.0361<br>15.4          | 0.185<br>20.6  | 0.463<br>41.1  | 4.62  | 10.3  |
| Acetone                          | BCM       | Ave           | ++++<br>156140 | ++++<br>155171 | ++++<br>335837   | 49638  | 103137 | ++++<br>15.4            | ++++<br>20.5   | ++++<br>41.0   | 4.60  | 10.2  |
| 1,1,2-Trichlorotrifluoroethane   | BCM       | Ave           | ++++<br>365174 | 6576<br>470938 | 13771<br>907779  | 110884 | 229126 | ++++<br>15.7            | 0.189<br>21.0  | 0.472<br>42.0  | 4.71  | 10.5  |
| Isopropyl alcohol                | BCM       | Ave           | ++++<br>178263 | ++++<br>240868 | ++++<br>432312   | 56897  | 121100 | ++++<br>15.3            | ++++<br>20.4   | ++++<br>40.9   | 4.59  | 10.2  |
| Carbon disulfide                 | BCM       | Ave           | ++++<br>409179 | ++++<br>545792 | 15532<br>1034374 | 130903 | 270751 | ++++<br>15.2            | ++++<br>20.3   | 0.458<br>40.6  | 4.57  | 10.2  |
| Acetonitrile                     | BCM       | Ave           | ++++<br>63706  | ++++<br>63208  | ++++<br>133776   | 19080  | 39468  | ++++<br>14.9            | ++++<br>19.8   | ++++<br>39.6   | 4.45  | 9.90  |
| 3-Chloropropene                  | BCM       | Ave           | ++++<br>155173 | 1872<br>200117 | 5461<br>394460   | 48614  | 83139  | ++++<br>16.0            | 0.192<br>21.3  | 0.480<br>42.6  | 4.79  | 10.6  |
| Methylene Chloride               | BCM       | Ave           | ++++<br>160964 | ++++<br>206996 | 6628<br>406365   | 51540  | 103147 | ++++<br>15.4            | ++++<br>20.6   | 0.463<br>41.1  | 4.62  | 10.3  |
| tert-Butyl alcohol               | BCM       | Ave           | ++++<br>244581 | ++++<br>329688 | ++++<br>613232   | 76232  | 161755 | ++++<br>16.2            | ++++<br>21.6   | ++++<br>43.1   | 4.84  | 10.8  |
| Acrylonitrile                    | BCM       | Ave           | ++++<br>65716  | ++++<br>65680  | ++++<br>138143   | 18023  | 38159  | ++++<br>15.2            | ++++<br>20.2   | ++++<br>40.4   | 4.54  | 10.1  |
| trans-1,2-Dichloroethene         | BCM       | Ave           | ++++<br>216486 | 3714<br>279684 | 8957<br>536381   | 68338  | 138430 | ++++<br>15.3            | 0.184<br>20.4  | 0.459<br>40.8  | 4.58  | 10.2  |
| Methyl tert-butyl ether          | BCM       | Ave           | ++++<br>341839 | 5210<br>422978 | 13079<br>774536  | 104286 | 216611 | ++++<br>15.7            | 0.188<br>20.9  | 0.471<br>41.8  | 4.70  | 10.4  |
| n-Hexane                         | BCM       | Ave           | ++++<br>164256 | 2578<br>211158 | 6443<br>396009   | 52044  | 103277 | ++++<br>15.9            | 0.191<br>21.2  | 0.477<br>42.4  | 4.76  | 10.6  |
| 1,1-Dichloroethane               | BCM       | Ave           | 759<br>241681  | 4396<br>303039 | 9463<br>573329   | 75926  | 153435 | 0.0351<br>15.0          | 0.180<br>20.0  | 0.450<br>40.0  | 4.49  | 10.00 |
| Vinyl acetate                    | BCM       | Ave           | ++++<br>288894 | ++++<br>285542 | ++++<br>611055   | 79121  | 174366 | ++++<br>15.6            | ++++<br>20.8   | ++++<br>41.6   | 4.67  | 10.4  |
| Methyl Ethyl Ketone (2-Butanone) | BCM       | Ave           | ++++<br>51515  | ++++<br>61096  | 2614<br>109383   | 17936  | 33814  | ++++<br>15.5            | ++++<br>20.7   | 0.466<br>41.4  | 4.65  | 10.3  |
| cis-1,2-Dichloroethene           | BCM       | Ave           | 483<br>164005  | 2786<br>202697 | 6343<br>396952   | 51460  | 101867 | 0.0354<br>15.2          | 0.182<br>20.2  | 0.455<br>40.4  | 4.54  | 10.1  |
| Ethyl acetate                    | BCM       | Ave           | ++++<br>7860   | ++++<br>9162   | ++++<br>16133    | 2624   | 5049   | ++++<br>15.2            | ++++<br>20.3   | ++++<br>40.5   | 4.55  | 10.1  |
| Tetrahydrofuran                  | DFBZ      | Ave           | ++++<br>112889 | ++++<br>129459 | ++++<br>267389   | 40442  | 74146  | ++++<br>15.0            | ++++<br>20.0   | ++++<br>40.0   | 4.49  | 9.99  |

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

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-56451-1 Analy Batch No.: 161875

SDG No.: 200-56451-1

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

Calibration Start Date: 12/09/2020 11:26 Calibration End Date: 12/09/2020 17:31 Calibration ID: 44728

| ANALYTE                                       | IS REF     | CURVE TYPE | RESPONSE       |                 |                  |        |        | CONCENTRATION (PPB V/V) |                |                |       |       |
|-----------------------------------------------|------------|------------|----------------|-----------------|------------------|--------|--------|-------------------------|----------------|----------------|-------|-------|
|                                               |            |            | LVL 1<br>LVL 6 | LVL 2<br>LVL 7  | LVL 3<br>LVL 8   | LVL 4  | LVL 5  | LVL 1<br>LVL 6          | LVL 2<br>LVL 7 | LVL 3<br>LVL 8 | LVL 4 | LVL 5 |
| Chloroform                                    | BCM        | Ave        | ++++<br>398841 | 5925<br>511694  | 14349<br>991532  | 124973 | 255408 | ++++<br>15.2            | 0.182<br>20.2  | 0.455<br>40.4  | 4.54  | 10.1  |
| 1,1,1-Trichloroethane                         | DFBZ       | Ave        | ++++<br>470976 | 7135<br>603336  | 17255<br>1183035 | 142341 | 296269 | ++++<br>15.3            | 0.184<br>20.4  | 0.459<br>40.8  | 4.58  | 10.2  |
| Cyclohexane                                   | DFBZ       | Ave        | ++++<br>192902 | 3385<br>245438  | 8536<br>481414   | 60032  | 123999 | ++++<br>15.2            | 0.183<br>20.3  | 0.457<br>40.6  | 4.56  | 10.1  |
| Carbon tetrachloride                          | DFBZ       | Ave        | 1587<br>562216 | 7196<br>733011  | 19305<br>1457370 | 165981 | 347122 | 0.0356<br>15.2          | 0.183<br>20.3  | 0.458<br>40.6  | 4.57  | 10.2  |
| Benzene                                       | DFBZ       | Ave        | ++++<br>542076 | 8447<br>591882  | 20185<br>1342662 | 150535 | 346142 | ++++<br>15.5            | 0.186<br>20.7  | 0.465<br>41.3  | 4.64  | 10.3  |
| 1,2-Dichloroethane                            | DFBZ       | Ave        | ++++<br>278167 | 3996<br>320303  | 9579<br>711727   | 73922  | 174965 | ++++<br>15.5            | 0.187<br>20.7  | 0.467<br>41.4  | 4.66  | 10.4  |
| 2,2,4-Trimethylpentane                        | DFBZ       | Ave        | ++++<br>770634 | 12250<br>972189 | 30221<br>1871839 | 241914 | 495425 | ++++<br>15.7            | 0.189<br>20.9  | 0.472<br>41.9  | 4.70  | 10.5  |
| n-Heptane                                     | DFBZ       | Ave        | ++++<br>311316 | 5422<br>386828  | 12016<br>742882  | 96599  | 200685 | ++++<br>15.8            | 0.189<br>21.0  | 0.473<br>42.0  | 4.72  | 10.5  |
| n-Butanol                                     | DFBZ       | Ave        | ++++<br>101318 | ++++<br>143765  | ++++<br>258288   | 31955  | 68023  | ++++<br>14.3            | ++++<br>19.1   | ++++<br>38.2   | 4.29  | 9.55  |
| Trichloroethene                               | DFBZ       | Ave        | 1117<br>378598 | 6149<br>491437  | 12605<br>958757  | 115710 | 241816 | 0.0369<br>15.8          | 0.190<br>21.1  | 0.474<br>42.1  | 4.73  | 10.5  |
| 1,2-Dichloropropane                           | DFBZ       | Ave        | ++++<br>220906 | 3756<br>239378  | 8115<br>522608   | 63554  | 138324 | ++++<br>15.5            | 0.186<br>20.6  | 0.464<br>41.2  | 4.63  | 10.3  |
| Methyl methacrylate                           | DFBZ       | Ave        | ++++<br>165811 | ++++<br>215144  | 5941<br>367039   | 55990  | 108836 | ++++<br>15.2            | ++++<br>20.3   | 0.458<br>40.6  | 4.57  | 10.2  |
| 1,4-Dioxane                                   | DFBZ       | Ave        | ++++<br>121027 | ++++<br>150826  | ++++<br>265454   | 39053  | 83399  | ++++<br>15.9            | ++++<br>21.2   | ++++<br>42.3   | 4.75  | 10.6  |
| Dibromomethane                                | DFBZ       | Ave        | ++++<br>375852 | 5420<br>480988  | 13109<br>956565  | 111359 | 237555 | ++++<br>15.5            | 0.186<br>20.6  | 0.464<br>41.2  | 4.63  | 10.3  |
| Bromodichloromethane                          | DFBZ       | Ave        | ++++<br>576193 | 8194<br>731127  | 19425<br>1546953 | 173375 | 372587 | ++++<br>15.9            | 0.190<br>21.1  | 0.476<br>42.3  | 4.75  | 10.6  |
| cis-1,3-Dichloropropene                       | DFBZ       | Ave        | ++++<br>402018 | 5748<br>478129  | 13927<br>1047935 | 116135 | 264957 | ++++<br>15.6            | 0.187<br>20.8  | 0.468<br>41.6  | 4.67  | 10.4  |
| 4-Methyl-2-pentanone (Methyl isobutyl ketone) | DFBZ       | Ave        | ++++<br>435752 | ++++<br>568560  | 15889<br>999738  | 135439 | 276910 | ++++<br>15.4            | ++++<br>20.5   | 0.461<br>41.0  | 4.60  | 10.2  |
| Toluene                                       | CBNzd<br>5 | Ave        | ++++<br>469105 | 7308<br>542044  | 17286<br>1138687 | 139007 | 286080 | ++++<br>15.2            | 0.183<br>20.3  | 0.458<br>40.6  | 4.57  | 10.2  |
| n-Octane                                      | DFBZ       | Ave        | ++++<br>476671 | 6808<br>599091  | 17707<br>1153291 | 153763 | 312897 | ++++<br>15.5            | 0.186<br>20.7  | 0.465<br>41.3  | 4.64  | 10.3  |
| trans-1,3-Dichloropropene                     | DFBZ       | Ave        | ++++<br>359048 | 5205<br>432679  | 10620<br>917983  | 105761 | 223011 | ++++<br>14.8            | 0.178<br>19.8  | 0.445<br>39.5  | 4.44  | 9.88  |



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

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-56451-1 Analy Batch No.: 161875

SDG No.: 200-56451-1

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

Calibration Start Date: 12/09/2020 11:26 Calibration End Date: 12/09/2020 17:31 Calibration ID: 44728

| ANALYTE                          | IS REF     | CURVE TYPE | RESPONSE       |                |                |        |        | CONCENTRATION (PPB V/V) |                |                |       |       |
|----------------------------------|------------|------------|----------------|----------------|----------------|--------|--------|-------------------------|----------------|----------------|-------|-------|
|                                  |            |            | LVL 1<br>LVL 6 | LVL 2<br>LVL 7 | LVL 3<br>LVL 8 | LVL 4  | LVL 5  | LVL 1<br>LVL 6          | LVL 2<br>LVL 7 | LVL 3<br>LVL 8 | LVL 4 | LVL 5 |
| 1,1,2-Trichloroethane            | CBNZd<br>5 | Ave        | +++++          | 4112           | 9895           | 77630  | 159570 | +++++                   | 0.189          | 0.472          | 4.71  | 10.5  |
|                                  |            |            | 276722         | 302726         | 635151         |        |        | 15.7                    | 21.0           | 41.9           |       |       |
| Tetrachloroethene                | CBNZd<br>5 | Ave        | 1421           | 6864           | 19279          | 159131 | 333142 | 0.0368                  | 0.189          | 0.473          | 4.72  | 10.5  |
|                                  |            |            | 529781         | 694395         | 1385898        |        |        | 15.8                    | 21.0           | 42.0           |       |       |
| Methyl Butyl Ketone (2-Hexanone) | CBNZd<br>5 | Ave        | +++++          | +++++          | 12985          | 124266 | 259450 | +++++                   | +++++          | 0.450          | 4.49  | 9.99  |
|                                  |            |            | 406511         | 534233         | 994404         |        |        | 15.0                    | 20.0           | 40.0           |       |       |
| Dibromochloromethane             | CBNZd<br>5 | Ave        | +++++          | 6455           | 21548          | 197371 | 445040 | +++++                   | 0.174          | 0.436          | 4.35  | 9.68  |
|                                  |            |            | 714883         | 872310         | 1810805        |        |        | 14.5                    | 19.4           | 38.7           |       |       |
| 1,2-Dibromoethane                | CBNZd<br>5 | Ave        | +++++          | 6223           | 15994          | 149770 | 323548 | +++++                   | 0.191          | 0.478          | 4.77  | 10.6  |
|                                  |            |            | 520288         | 628413         | 1374178        |        |        | 15.9                    | 21.2           | 42.4           |       |       |
| Chlorobenzene                    | CBNZd<br>5 | Ave        | +++++          | 9026           | 22607          | 208825 | 463884 | +++++                   | 0.189          | 0.472          | 4.71  | 10.5  |
|                                  |            |            | 727161         | 929072         | 1863023        |        |        | 15.7                    | 21.0           | 42.0           |       |       |
| Ethylbenzene                     | CBNZd<br>5 | Ave        | +++++          | 16764          | 38079          | 304897 | 632901 | +++++                   | 0.184          | 0.460          | 4.59  | 10.2  |
|                                  |            |            | 1051126        | 1310740        | 2729396        |        |        | 15.3                    | 20.4           | 40.9           |       |       |
| m,p-Xylene                       | CBNZd<br>5 | Ave        | +++++          | +++++          | 25837          | 241985 | 492861 | +++++                   | +++++          | 0.926          | 9.24  | 20.6  |
|                                  |            |            | 808764         | 1023826        | 2079202        |        |        | 30.8                    | 41.1           | 82.2           |       |       |
| n-Nonane                         | CBNZd<br>5 | Ave        | +++++          | 5527           | 14333          | 133919 | 291472 | +++++                   | 0.189          | 0.472          | 4.71  | 10.5  |
|                                  |            |            | 462316         | 566956         | 1268348        |        |        | 15.7                    | 21.0           | 41.9           |       |       |
| o-Xylene                         | CBNZd<br>5 | Ave        | +++++          | 6612           | 13819          | 119080 | 240023 | +++++                   | 0.187          | 0.467          | 4.66  | 10.4  |
|                                  |            |            | 398221         | 502507         | 950562         |        |        | 15.5                    | 20.7           | 41.4           |       |       |
| Styrene                          | CBNZd<br>5 | Ave        | +++++          | 8287           | 17612          | 177709 | 388152 | +++++                   | 0.186          | 0.465          | 4.64  | 10.3  |
|                                  |            |            | 626159         | 831050         | 1589105        |        |        | 15.5                    | 20.6           | 41.3           |       |       |
| Bromoform                        | CBNZd<br>5 | Ave        | +++++          | 2958           | 18688          | 205399 | 445763 | +++++                   | 0.185          | 0.463          | 4.62  | 10.3  |
|                                  |            |            | 766209         | 950871         | 1768472        |        |        | 15.4                    | 20.6           | 41.2           |       |       |
| Cumene                           | CBNZd<br>5 | Ave        | +++++          | 14656          | 34748          | 340121 | 721768 | +++++                   | 0.188          | 0.470          | 4.69  | 10.4  |
|                                  |            |            | 1176451        | 1530520        | 2891627        |        |        | 15.6                    | 20.9           | 41.7           |       |       |
| 1,1,2,2-Tetrachloroethane        | CBNZd<br>5 | Ave        | +++++          | 9287           | 20670          | 186861 | 377586 | +++++                   | 0.186          | 0.466          | 4.65  | 10.3  |
|                                  |            |            | 601194         | 784447         | 1448578        |        |        | 15.5                    | 20.7           | 41.4           |       |       |

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

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-56451-1 Analy Batch No.: 161875

SDG No.: 200-56451-1

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

Calibration Start Date: 12/09/2020 11:26 Calibration End Date: 12/09/2020 17:31 Calibration ID: 44728

| ANALYTE                | IS REF     | CURVE TYPE | RESPONSE       |                |                |        |        | CONCENTRATION (PPB V/V) |                |                |       |       |
|------------------------|------------|------------|----------------|----------------|----------------|--------|--------|-------------------------|----------------|----------------|-------|-------|
|                        |            |            | LVL 1<br>LVL 6 | LVL 2<br>LVL 7 | LVL 3<br>LVL 8 | LVL 4  | LVL 5  | LVL 1<br>LVL 6          | LVL 2<br>LVL 7 | LVL 3<br>LVL 8 | LVL 4 | LVL 5 |
| 1,2,3-Trichloropropane | CBNZd<br>5 | Ave        | +++++          | +++++          | 17165          | 141069 | 302018 | +++++                   | +++++          | 0.477          | 4.76  | 10.6  |
|                        |            |            | 469910         | 627726         | 1159871        |        |        | 15.9                    | 21.2           | 42.4           |       |       |
| n-Propylbenzene        | CBNZd<br>5 | Ave        | +++++          | 17450          | 40921          | 409087 | 863657 | +++++                   | 0.187          | 0.468          | 4.67  | 10.4  |
|                        |            |            | 1392631        | 1851353        | 3465205        |        |        | 15.6                    | 20.8           | 41.6           |       |       |
| 2-Chlorotoluene        | CBNZd<br>5 | Ave        | +++++          | 12297          | 28185          | 268920 | 583405 | +++++                   | 0.188          | 0.470          | 4.69  | 10.4  |
|                        |            |            | 936607         | 1212920        | 2360530        |        |        | 15.7                    | 20.9           | 41.8           |       |       |
| 4-Ethyltoluene         | CBNZd<br>5 | Ave        | +++++          | 13400          | 33417          | 332963 | 727519 | +++++                   | 0.186          | 0.465          | 4.64  | 10.3  |
|                        |            |            | 1182077        | 1604217        | 2932297        |        |        | 15.5                    | 20.7           | 41.3           |       |       |
| 1,3,5-Trimethylbenzene | CBNZd<br>5 | Ave        | +++++          | 13069          | 32487          | 293733 | 638013 | +++++                   | 0.187          | 0.468          | 4.67  | 10.4  |
|                        |            |            | 1022328        | 1396486        | 2580181        |        |        | 15.6                    | 20.8           | 41.6           |       |       |
| n-Decane               | CBNZd<br>5 | Ave        | +++++          | +++++          | 13960          | 143179 | 346574 | +++++                   | +++++          | 0.469          | 4.68  | 10.4  |
|                        |            |            | 563235         | 737390         | 1387693        |        |        | 15.6                    | 20.8           | 41.7           |       |       |
| Alpha Methyl Styrene   | CBNZd<br>5 | Ave        | +++++          | 5244           | 12666          | 138261 | 318785 | +++++                   | 0.184          | 0.459          | 4.58  | 10.2  |
|                        |            |            | 529512         | 719996         | 1371870        |        |        | 15.3                    | 20.4           | 40.8           |       |       |
| tert-Butylbenzene      | CBNZd<br>5 | Ave        | +++++          | 11483          | 27676          | 276015 | 598697 | +++++                   | 0.187          | 0.467          | 4.66  | 10.4  |
|                        |            |            | 962507         | 1299994        | 2389584        |        |        | 15.5                    | 20.7           | 41.4           |       |       |
| 1,2,4-Trimethylbenzene | CBNZd<br>5 | Ave        | +++++          | 12955          | 29969          | 298312 | 642484 | +++++                   | 0.187          | 0.468          | 4.67  | 10.4  |
|                        |            |            | 1035672        | 1401818        | 2578538        |        |        | 15.6                    | 20.8           | 41.6           |       |       |
| sec-Butylbenzene       | CBNZd<br>5 | Ave        | +++++          | 18649          | 41049          | 406436 | 897425 | +++++                   | 0.188          | 0.471          | 4.70  | 10.5  |
|                        |            |            | 1458477        | 1954903        | 3562959        |        |        | 15.7                    | 20.9           | 41.8           |       |       |
| 1,3-Dichlorobenzene    | CBNZd<br>5 | Ave        | +++++          | 9811           | 20896          | 211990 | 489275 | +++++                   | 0.191          | 0.477          | 4.75  | 10.6  |
|                        |            |            | 770286         | 1077650        | 2080632        |        |        | 15.9                    | 21.2           | 42.3           |       |       |
| 4-Isopropyltoluene     | CBNZd<br>5 | Ave        | +++++          | 16988          | 36356          | 335565 | 777269 | +++++                   | 0.186          | 0.464          | 4.63  | 10.3  |
|                        |            |            | 1241973        | 1707925        | 3097281        |        |        | 15.5                    | 20.6           | 41.2           |       |       |
| 1,4-Dichlorobenzene    | CBNZd<br>5 | Ave        | +++++          | 9541           | 21070          | 216537 | 491050 | +++++                   | 0.189          | 0.472          | 4.70  | 10.5  |
|                        |            |            | 772559         | 1085895        | 2120547        |        |        | 15.7                    | 20.9           | 41.9           |       |       |
| Benzyl chloride        | CBNZd<br>5 | Ave        | +++++          | 9604           | 21910          | 217095 | 496361 | +++++                   | 0.191          | 0.477          | 4.75  | 10.6  |
|                        |            |            | 756648         | 1100427        | 2129446        |        |        | 15.9                    | 21.2           | 42.3           |       |       |

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

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-56451-1 Analy Batch No.: 161875

SDG No.: 200-56451-1

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

Calibration Start Date: 12/09/2020 11:26 Calibration End Date: 12/09/2020 17:31 Calibration ID: 44728

| ANALYTE                | IS<br>REF  | CURVE<br>TYPE | RESPONSE       |                |                |        |        | CONCENTRATION (PPB V/V) |                |                |       |       |
|------------------------|------------|---------------|----------------|----------------|----------------|--------|--------|-------------------------|----------------|----------------|-------|-------|
|                        |            |               | LVL 1<br>LVL 6 | LVL 2<br>LVL 7 | LVL 3<br>LVL 8 | LVL 4  | LVL 5  | LVL 1<br>LVL 6          | LVL 2<br>LVL 7 | LVL 3<br>LVL 8 | LVL 4 | LVL 5 |
| n-Butylbenzene         | CBNZd<br>5 | Ave           | +++++          | 12648          | 31849          | 308248 | 695842 | +++++                   | 0.187          | 0.468          | 4.67  | 10.4  |
|                        |            |               | 1174221        | 1488725        | 2616530        |        |        | 15.6                    | 20.8           | 41.6           |       |       |
| 1,2-Dichlorobenzene    | CBNZd<br>5 | Ave           | +++++          | 9423           | 22452          | 209511 | 478508 | +++++                   | 0.188          | 0.470          | 4.69  | 10.4  |
|                        |            |               | 781609         | 1004474        | 1855999        |        |        | 15.7                    | 20.9           | 41.8           |       |       |
| n-Undecane             | CBNZd<br>5 | Ave           | +++++          | +++++          | +++++          | 141340 | 345286 | +++++                   | +++++          | +++++          | 4.70  | 10.5  |
|                        |            |               | 574016         | 749927         | 1389346        |        |        | 15.7                    | 20.9           | 41.8           |       |       |
| n-Dodecane             | CBNZd<br>5 | Ave           | +++++          | +++++          | +++++          | 127413 | 244974 | +++++                   | +++++          | +++++          | 4.21  | 9.36  |
|                        |            |               | 307472         | 548901         | 1140140        |        |        | 14.0                    | 18.7           | 37.4           |       |       |
| 1,2,4-Trichlorobenzene | CBNZd<br>5 | Ave           | +++++          | +++++          | 12677          | 161288 | 394161 | +++++                   | +++++          | 0.489          | 4.88  | 10.9  |
|                        |            |               | 549482         | 973689         | 1740643        |        |        | 16.3                    | 21.7           | 43.4           |       |       |
| Hexachlorobutadiene    | CBNZd<br>5 | Ave           | +++++          | 8556           | 21122          | 201575 | 440706 | +++++                   | 0.185          | 0.462          | 4.61  | 10.3  |
|                        |            |               | 682660         | 962867         | 1887023        |        |        | 15.4                    | 20.5           | 41.0           |       |       |
| Naphthalene            | CBNZd<br>5 | Ave           | +++++          | +++++          | 18189          | 284963 | 720421 | +++++                   | +++++          | 0.438          | 4.37  | 9.72  |
|                        |            |               | 943804         | 1667425        | 3318914        |        |        | 14.6                    | 19.4           | 38.9           |       |       |
| 1,2,3-Trichlorobenzene | CBNZd<br>5 | Ave           | +++++          | +++++          | 11573          | 127422 | 321588 | +++++                   | +++++          | 0.411          | 4.10  | 9.12  |
|                        |            |               | 445535         | 713638         | 1422160        |        |        | 13.7                    | 18.2           | 36.5           |       |       |

Curve Type Legend:

Ave = Average ISTD

Eurofins TestAmerica, Burlington  
Target Compound Quantitation Report

Data File: \\chromfs\Burlington\ChromData\CHG.i\20201209-43976.b\200-43976-002.D  
 Lims ID: ic  
 Client ID:  
 Sample Type: IC Calib Level: 1  
 Inject. Date: 09-Dec-2020 11:26:30 ALS Bottle#: 1 Worklist Smp#: 2  
 Purge Vol: 200.000 mL Dil. Factor: 1.0000  
 Sample Info: 200-0043976-002  
 Misc. Info.: ic  
 Operator ID: ggg Instrument ID: CHG.i  
 Sublist: chrom-TO15\_MasterMethod\_(v1)\_G\*sub9  
 Method: \\chromfs\Burlington\ChromData\CHG.i\20201209-43976.b\TO15\_MasterMethod\_(v1)\_G.m  
 Limit Group: AI\_TO15\_ICAL  
 Last Update: 10-Dec-2020 11:28:51 Calib Date: 09-Dec-2020 17:31:30  
 Integrator: RTE ID Type: Deconvolution ID  
 Quant Method: Internal Standard Quant By: Initial Calibration  
 Last ICal File: \\chromfs\Burlington\ChromData\CHG.i\20201209-43976.b\200-43976-009.D  
 Column 1 : RTX-624 ( 0.32 mm) Det: MS SCAN  
 Process Host: CTX1664

First Level Reviewer: guazzonig

Date: 09-Dec-2020 12:23:11

| 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  | 3.059     | 3.049         | 0.010         | 50 | 997      | 0.0362          | 0.1428            |       |
| 2 Dichlorodifluoromethane          | 85  | 3.107     | 3.108         | -0.001        | 70 | 1853     | 0.0366          | 0.0397            |       |
| 3 Chlorodifluoromethane            | 51  | 3.123     | 3.124         | -0.001        | 54 | 565      | 0.0368          | 0.0283            |       |
| 4 1,2-Dichloro-1,1,2,2-tetrafluoro | 85  | 3.321     | 3.316         | 0.005         | 37 | 1518     | 0.0365          | 0.0375            |       |
| 5 Chloromethane                    | 50  | 3.380     | 3.391         | -0.011        | 1  | 104      | 0.0383          | 0.0132            |       |
| 7 Vinyl chloride                   | 62  | 3.600     | 3.584         | 0.016         | 1  | 394      | 0.0364          | 0.0399            | Ma    |
| 6 Butane                           | 43  | 3.584     | 3.589         | -0.005        | 54 | 555      | 0.0363          | 0.0445            |       |
| 8 Butadiene                        | 54  | 3.669     | 3.659         | 0.010         | 15 | 247      | 0.0355          | 0.0362            | M     |
| 10 Bromomethane                    | 94  | 4.129     | 4.135         | -0.006        | 35 | 565      | 0.0362          | 0.0411            |       |
| 11 Chloroethane                    | 64  | 4.327     | 4.322         | 0.005         | 5  | 207      | 0.0364          | 0.0502            |       |
| 12 2-Methylbutane                  | 43  | 4.402     | 4.488         | -0.086        | 1  | 171      | 0.0366          | 0.0174            |       |
| 13 Vinyl bromide                   | 106 | 4.637     | 4.632         | 0.005         | 40 | 488      | 0.0366          | 0.0352            |       |
| 14 Trichlorofluoromethane          | 101 | 4.750     | 4.766         | -0.016        | 19 | 757      | 0.0370          | 0.0173            |       |
| 16 Pentane                         | 43  | 4.937     | 4.932         | 0.005         | 39 | 995      | 0.0355          | 0.0685            |       |
| 17 Ethanol                         | 45  | 5.028     | 5.001         | 0.027         | 20 | 125      | 0.0702          | 0.0314            |       |
| 18 Ethyl ether                     | 59  | 5.344     | 5.247         | 0.097         | 1  | 102      | 0.0354          | 0.0198            |       |
| 19 Acrolein                        | 56  |           | 5.429         |               |    |          | ND              | ND                |       |
| 21 1,1-Dichloroethene              | 96  | 5.643     | 5.633         | 0.010         | 5  | 603      | 0.0361          | 0.0458            |       |
| 22 Acetone                         | 43  | 5.707     | 5.665         | 0.042         | 58 | 1240     | 0.0359          | 0.1060            |       |
| 20 112TCTFE                        | 101 | 5.659     | 5.675         | -0.016        | 9  | 582      | 0.0368          | 0.0191            |       |
| 24 Isopropyl alcohol               | 45  | 5.916     | 5.905         | 0.011         | 1  | 271      | 0.0358          | 0.0186            |       |
| 23 Carbon disulfide                | 76  | 5.996     | 6.007         | -0.011        | 57 | 291      | 0.0356          | 0.008317          |       |
| 26 Acetonitrile                    | 41  | 6.264     | 6.087         | 0.177         | 31 | 830      | 0.0347          | 0.1737            |       |
| 25 3-Chloro-1-propene              | 41  | 6.242     | 6.242         | 0.000         | 5  | 466      | 0.0374          | 0.0396            |       |
| 27 Methylene Chloride              | 49  | 6.446     | 6.446         | 0.000         | 21 | 923      | 0.0361          | 0.0674            |       |
| 28 2-Methyl-2-propanol             | 59  |           | 6.617         |               |    |          | ND              | ND                |       |
| 32 Acrylonitrile                   | 53  | 6.815     | 6.799         | 0.016         | 45 | 168      | 0.0355          | 0.0359            |       |
| 31 trans-1,2-Dichloroethene        | 61  | 6.943     | 6.943         | 0.000         | 2  | 321      | 0.0358          | 0.0170            |       |
| 29 Methyl tert-butyl ether         | 73  | 6.959     | 6.954         | 0.005         | 1  | 127      | 0.0367          | 0.004604          |       |
| 33 Hexane                          | 57  | 7.478     | 7.462         | 0.016         | 1  | 529      | 0.0371          | 0.0394            |       |

| Compound                       | Sig | RT (min.) | Adj RT (min.) | Dlt RT (min.) | Q  | Response | Cal Amt ppb v/v | OnCol Amt ppb v/v | Flags |
|--------------------------------|-----|-----------|---------------|---------------|----|----------|-----------------|-------------------|-------|
| 34 1,1-Dichloroethane          | 63  | 7.660     | 7.660         | 0.000         | 2  | 759      | 0.0351          | 0.0355            |       |
| 35 Vinyl acetate               | 43  | 7.681     | 7.682         | -0.001        | 55 | 394      | 0.0364          | 0.0196            |       |
| 38 2-Butanone (MEK)            | 72  |           | 8.602         |               |    |          | ND              | ND                |       |
| 37 cis-1,2-Dichloroethene      | 96  | 8.644     | 8.639         | 0.005         | 1  | 483      | 0.0354          | 0.0344            | M     |
| 39 Ethyl acetate               | 88  | 8.773     | 8.714         | 0.059         | 1  | 68       | 0.0355          | 0.1113            |       |
| * 40 Chlorobromomethane        | 128 | 9.040     | 9.046         | -0.006        | 81 | 159215   | 10.0            | 10.0              |       |
| 41 Tetrahydrofuran             | 42  | 8.906     | 9.110         | -0.204        | 1  | 194      | 0.0350          | 0.0208            |       |
| 42 Chloroform                  | 83  | 9.227     | 9.228         | -0.001        | 18 | 933      | 0.0354          | 0.0278            |       |
| 44 1,1,1-Trichloroethane       | 97  | 9.564     | 9.559         | 0.005         | 19 | 367      | 0.0357          | 0.009219          |       |
| S 30 1,2-Dichloroethene, Total | 61  |           |               |               | 0  |          | 0.0712          | 0.0514            |       |
| 43 Cyclohexane                 | 84  | 9.730     | 9.741         | -0.011        | 1  | 369      | 0.0356          | 0.0211            |       |
| 45 Carbon tetrachloride        | 117 | 9.853     | 9.870         | -0.017        | 3  | 1587     | 0.0356          | 0.0346            |       |
| 47 Benzene                     | 78  | 10.212    | 10.212        | 0.000         | 1  | 2168     | 0.0362          | 0.0493            |       |
| 48 1,2-Dichloroethane          | 62  |           | 10.271        |               |    |          | ND              | ND                |       |
| 46 Isooctane                   | 57  |           | 10.501        |               |    |          | ND              | ND                |       |
| 49 n-Heptane                   | 43  | 10.859    | 10.843        | 0.016         | 43 | 545      | 0.0369          | 0.0208            |       |
| * 50 1,4-Difluorobenzene       | 114 | 11.020    | 11.020        | 0.000         | 95 | 917914   | 10.0            | 10.0              |       |
| 52 n-Butanol                   | 56  | 11.303    | 11.277        | 0.027         | 29 | 881      | 0.0335          | 0.0978            |       |
| 53 Trichloroethene             | 95  | 11.512    | 11.507        | 0.005         | 43 | 1117     | 0.0369          | 0.0361            | M     |
| 54 1,2-Dichloropropane         | 63  |           | 11.993        |               |    |          | ND              | ND                |       |
| 55 Methyl methacrylate         | 69  |           | 12.138        |               |    |          | ND              | ND                |       |
| 56 1,4-Dioxane                 | 88  | 12.245    | 12.154        | 0.091         | 22 | 275      | 0.0371          | 0.0295            |       |
| 57 Dibromomethane              | 174 | 12.159    | 12.159        | 0.000         | 59 | 1279     | 0.0361          | 0.0414            |       |
| 58 Dichlorobromomethane        | 83  | 12.523    | 12.518        | 0.005         | 3  | 946      | 0.0371          | 0.0204            |       |
| 60 cis-1,3-Dichloropropene     | 75  | 13.411    | 13.411        | 0.000         | 1  | 514      | 0.0364          | 0.0158            |       |
| 61 4-Methyl-2-pentanone (MIBK) | 43  | 13.732    | 13.711        | 0.021         | 24 | 1463     | 0.0359          | 0.0407            |       |
| 65 Toluene                     | 92  | 14.128    | 14.128        | 0.000         | 57 | 1580     | 0.0356          | 0.0454            |       |
| 64 n-Octane                    | 43  | 14.449    | 14.460        | -0.011        | 14 | 1533     | 0.0362          | 0.0385            |       |
| 66 trans-1,3-Dichloropropene   | 75  | 14.561    | 14.556        | 0.005         | 40 | 264      | 0.0347          | 0.008894          |       |
| 67 1,1,2-Trichloroethane       | 83  | 14.952    | 14.952        | 0.000         | 1  | 429      | 0.0368          | 0.0225            |       |
| 68 Tetrachloroethene           | 166 | 15.208    | 15.209        | -0.001        | 48 | 1421     | 0.0368          | 0.0373            | M     |
| 69 2-Hexanone                  | 43  | 15.438    | 15.423        | 0.015         | 1  | 1160     | 0.0350          | 0.0391            |       |
| 71 Chlorodibromomethane        | 129 | 15.749    | 15.744        | 0.005         | 4  | 818      | 0.0340          | 0.0164            |       |
| 72 Ethylene Dibromide          | 107 | 15.989    | 15.990        | -0.001        | 39 | 267      | 0.0372          | 0.007654          |       |
| * 74 Chlorobenzene-d5          | 117 | 16.985    | 16.979        | 0.006         | 87 | 792138   | 10.0            | 10.0              |       |
| 75 Chlorobenzene               | 112 | 16.995    | 17.043        | -0.048        | 37 | 57       | 0.0368          | 0.001141          |       |
| 76 Ethylbenzene                | 91  | 17.263    | 17.268        | -0.005        | 48 | 2794     | 0.0358          | 0.0355            |       |
| 78 m-Xylene & p-Xylene         | 106 | 17.568    | 17.552        | 0.016         | 0  | 548      | 0.0721          | 0.0193            |       |
| 77 n-Nonane                    | 57  | 17.669    | 17.675        | -0.006        | 13 | 1298     | 0.0368          | 0.0409            |       |
| 79 o-Xylene                    | 106 | 18.359    | 18.354        | 0.005         | 94 | 1806     | 0.0363          | 0.0617            |       |
| 80 Styrene                     | 104 | 18.370    | 18.392        | -0.022        | 41 | 272      | 0.0362          | 0.006263          |       |
| 81 Bromoform                   | 173 | 18.739    | 18.739        | 0.000         | 1  | 170      | 0.0361          | 0.003831          |       |
| 82 Isopropylbenzene            | 105 | 19.157    | 19.146        | 0.010         | 4  | 1755     | 0.0366          | 0.0219            |       |
| S 73 Xylenes, Total            | 106 |           |               |               | 0  |          | 0.1085          | 0.0810            |       |
| 84 1,1,2,2-Tetrachloroethane   | 83  | 19.461    | 19.686        | -0.225        | 38 | 374      | 0.0363          | 0.008435          |       |
| 86 1,2,3-Trichloropropane      | 75  | 19.793    | 19.788        | 0.005         | 19 | 1690     | 0.0371          | 0.0507            |       |
| 85 N-Propylbenzene             | 91  | 19.938    | 19.938        | 0.000         | 55 | 3016     | 0.0365          | 0.0314            |       |
| 89 2-Chlorotoluene             | 91  |           | 20.077        |               |    |          | ND              | ND                |       |
| 88 4-Ethyltoluene              | 105 | 20.152    | 20.152        | 0.000         | 93 | 3154     | 0.0362          | 0.0394            |       |
| 90 1,3,5-Trimethylbenzene      | 105 |           | 20.259        |               |    |          | ND              | ND                |       |
| 87 n-Decane                    | 57  | 20.333    | 20.334        | -0.001        | 2  | 1647     | 0.0366          | 0.0454            |       |
| 91 Alpha Methyl Styrene        | 118 | 20.612    | 20.601        | 0.011         | 1  | 610      | 0.0358          | 0.0177            |       |

| Compound                   | Sig | RT<br>(min.) | Adj RT<br>(min.) | Dlt RT<br>(min.) | Q  | Response | Cal Amt<br>ppb v/v | OnCol Amt<br>ppb v/v | Flags |
|----------------------------|-----|--------------|------------------|------------------|----|----------|--------------------|----------------------|-------|
| 92 tert-Butylbenzene       | 119 | 20.772       | 20.772           | 0.000            | 47 | 2336     | 0.0363             | 0.0355               |       |
| 93 1,2,4-Trimethylbenzene  | 105 | 20.868       | 20.863           | 0.005            | 29 | 2397     | 0.0365             | 0.0337               |       |
| 94 sec-Butylbenzene        | 105 | 21.131       | 21.115           | 0.016            | 97 | 4712     | 0.0367             | 0.0478               |       |
| 96 1,3-Dichlorobenzene     | 146 | 21.286       | 21.280           | 0.006            | 1  | 1377     | 0.0371             | 0.0263               |       |
| 95 4-Isopropyltoluene      | 119 | 21.141       | 21.350           | -0.209           | 49 | 484      | 0.0362             | 0.005569             |       |
| 97 1,4-Dichlorobenzene     | 146 | 21.430       | 21.425           | 0.005            | 13 | 1338     | 0.0367             | 0.0252               |       |
| 98 Benzyl chloride         | 91  | 21.575       | 21.575           | 0.000            | 23 | 1951     | 0.0371             | 0.0368               |       |
| 100 n-Butylbenzene         | 91  | 21.933       | 21.922           | 0.011            | 6  | 1969     | 0.0364             | 0.0263               |       |
| 101 1,2-Dichlorobenzene    | 146 | 21.933       | 21.922           | 0.011            | 11 | 2733     | 0.0366             | 0.0528               |       |
| 99 Undecane                | 57  | 22.104       | 22.104           | 0.000            | 1  | 1465     | 0.0367             | 0.0401               |       |
| 102 Dodecane               | 57  | 23.672       | 23.677           | -0.005           | 1  | 653      | 0.0328             | 0.0217               |       |
| 103 1,2,4-Trichlorobenzene | 180 | 24.330       | 24.335           | -0.005           | 6  | 2818     | 0.0381             | 0.0721               |       |
| 104 Hexachlorobutadiene    | 225 | 24.592       | 24.597           | -0.005           | 8  | 2772     | 0.0360             | 0.0560               |       |
| 105 Naphthalene            | 128 | 24.784       | 24.785           | 0.000            | 94 | 4414     | 0.0341             | 0.0581               |       |
| 106 1,2,3-Trichlorobenzene | 180 | 25.191       | 25.191           | 0.000            | 1  | 1753     | 0.0320             | 0.0467               |       |
| 123 Methylcyclohexane      | 83  |              | 0.000            |                  |    |          | ND                 | ND                   |       |

### QC Flag Legend

#### Processing Flags

ND - Not Detected or Marked ND

#### Review Flags

M - Manually Integrated

a - User Assigned ID

### Reagents:

ATTO15CAL1w\_00222

Amount Added: 35.00

Units: mL

ATTO15GIS\_00017

Amount Added: 20.00

Units: mL

Run Reagent

Report Date: 10-Dec-2020 11:28:51

Chrom Revision: 2.3 12-Nov-2020 21:52:08

Eurofins TestAmerica, Burlington

Data File: \\chromfs\Burlington\ChromData\CHG.i\20201209-43976.b\200-43976-002.D

Injection Date: 09-Dec-2020 11:26:30

Instrument ID: CHG.i

Operator ID: ggg

Lims ID: ic

Worklist Smp#: 2

Client ID:

Purge Vol: 200.000 mL

Dil. Factor: 1.0000

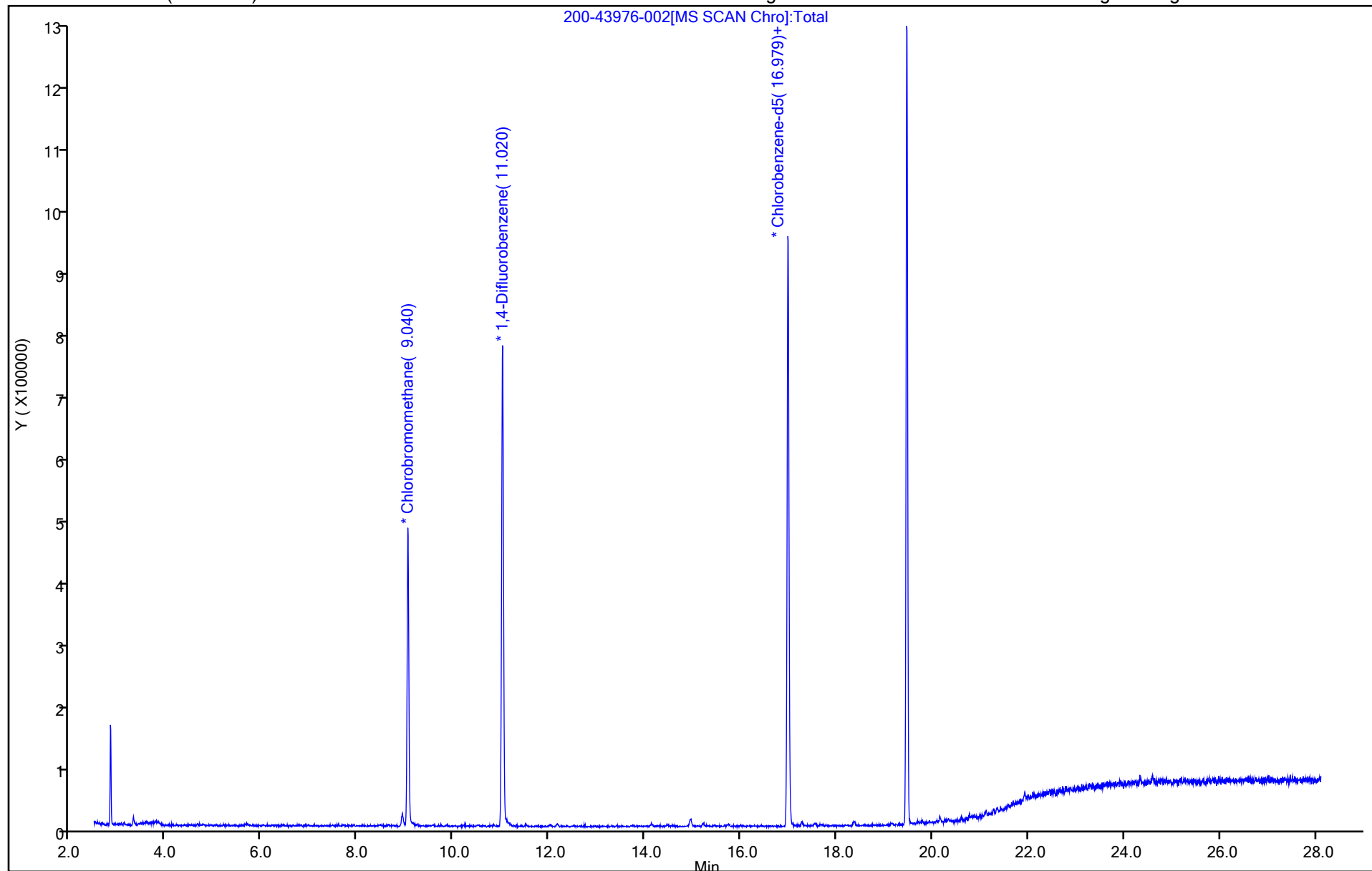
ALS Bottle#: 1

Method: TO15\_MasterMethod\_(v1)\_G

Limit Group: AI\_TO15\_ICAL

Column: RTX-624 (0.32 mm)

Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



## Eurofins TestAmerica, Burlington

Data File: \\chromfs\Burlington\ChromData\CHG.i\20201209-43976.b\200-43976-002.D

Injection Date: 09-Dec-2020 11:26:30

Instrument ID: CHG.i

Lims ID: ic

Client ID:

Operator ID: ggg

ALS Bottle#:

1

Worklist Smp#: 2

Purge Vol: 200.000 mL

Dil. Factor: 1.0000

Method: TO15\_MasterMethod\_(v1)\_G

Limit Group: AI\_TO15\_ICAL

Column: RTX-624 ( 0.32 mm)

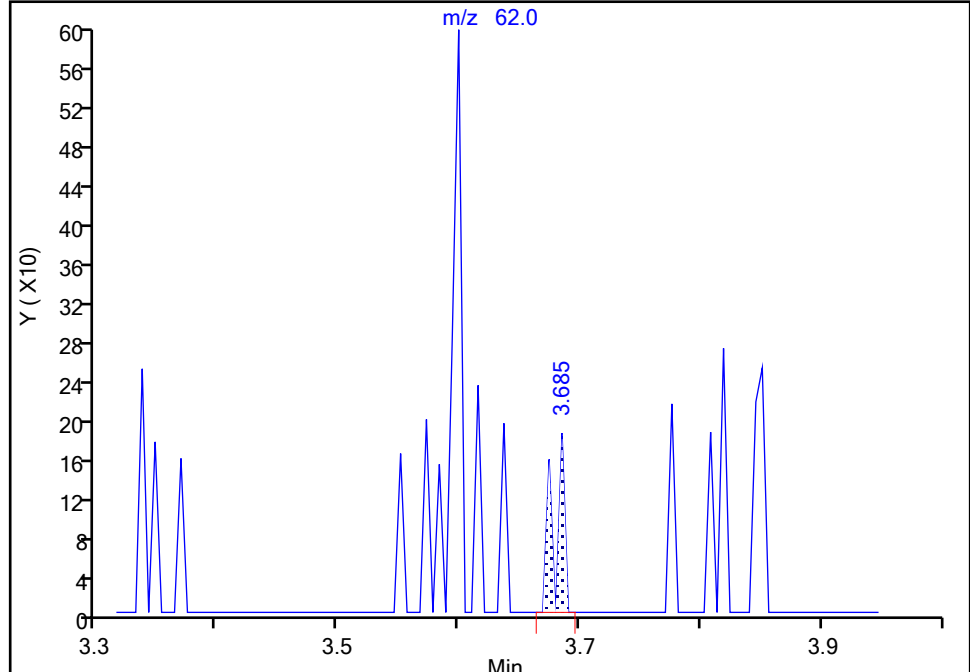
Detector: MS SCAN

## 7 Vinyl chloride, CAS: 75-01-4

Signal: 1

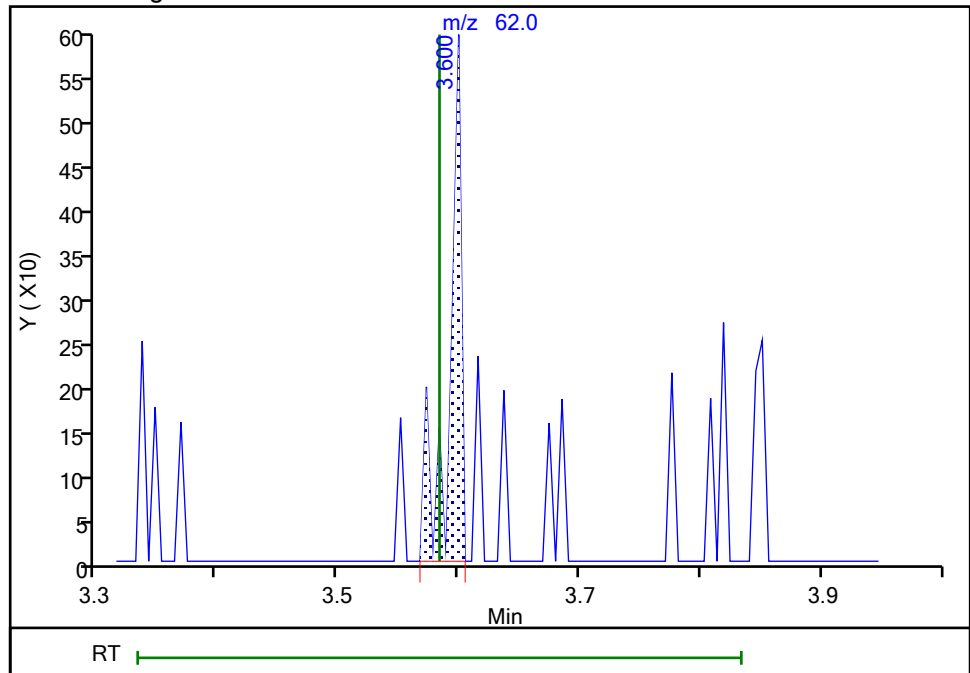
RT: 3.69  
Area: 109  
Amount: 0.011196  
Amount Units: ppb v/v

## Processing Integration Results



RT: 3.60  
Area: 394  
Amount: 0.039918  
Amount Units: ppb v/v

## Manual Integration Results



Reviewer: phamvu, 09-Dec-2020 18:15:55

Audit Action: Manually Integrated

Audit Reason: Assign Peak



## Eurofins TestAmerica, Burlington

Data File: \\chromfs\Burlington\ChromData\CHG.i\20201209-43976.b\200-43976-002.D

Injection Date: 09-Dec-2020 11:26:30

Instrument ID: CHG.i

Lims ID: ic

Client ID:

Operator ID: ggg

ALS Bottle#:

1

Worklist Smp#: 2

Purge Vol: 200.000 mL

Dil. Factor: 1.0000

Method: TO15\_MasterMethod\_(v1)\_G

Limit Group: AI\_TO15\_ICAL

Column: RTX-624 ( 0.32 mm)

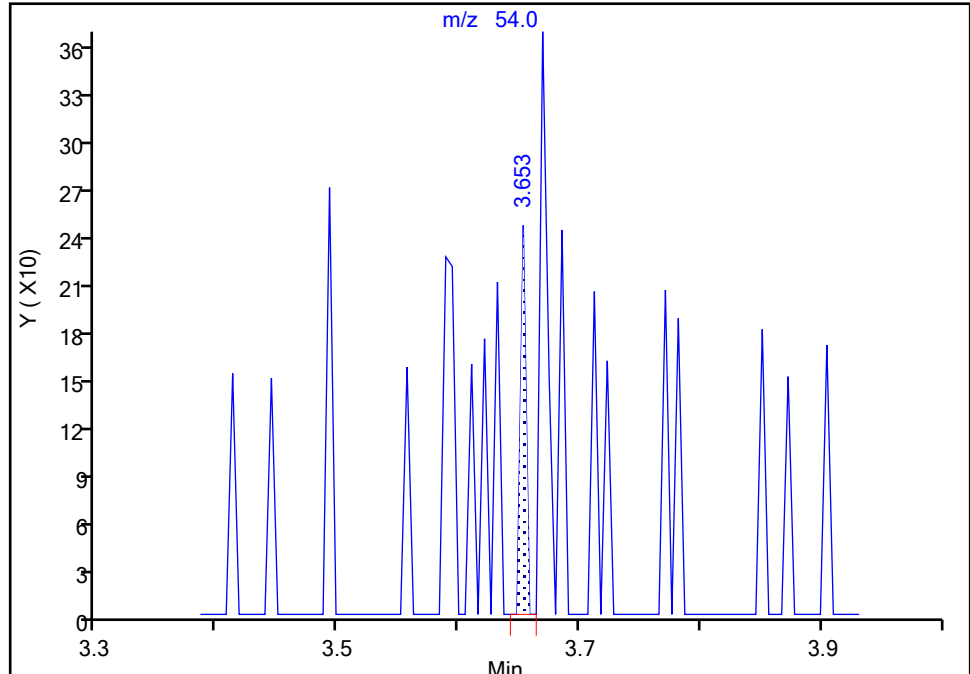
Detector: MS SCAN

**8 Butadiene, CAS: 106-99-0**

Signal: 1

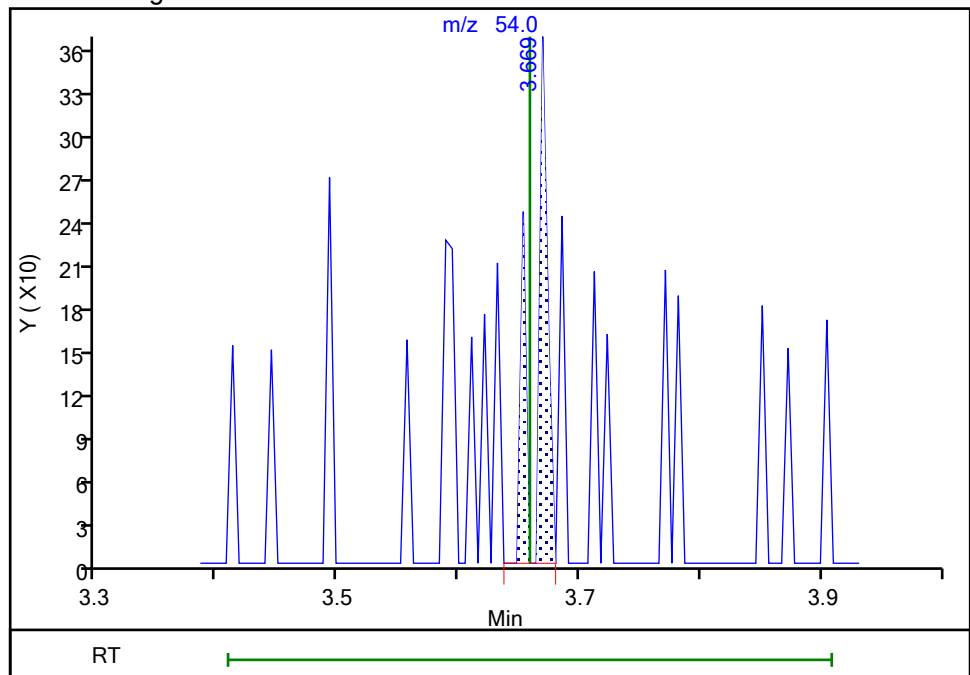
RT: 3.65  
Area: 79  
Amount: 0.011619  
Amount Units: ppb v/v

## Processing Integration Results



RT: 3.67  
Area: 247  
Amount: 0.036221  
Amount Units: ppb v/v

## Manual Integration Results



Reviewer: phamvu, 09-Dec-2020 18:16:19

Audit Action: Manually Integrated

Audit Reason: Assign Peak

## Eurofins TestAmerica, Burlington

Data File: \\chromfs\Burlington\ChromData\CHG.i\20201209-43976.b\200-43976-002.D

Injection Date: 09-Dec-2020 11:26:30

Instrument ID: CHG.i

Lims ID: ic

Client ID:

Operator ID: ggg

ALS Bottle#:

1

Worklist Smp#: 2

Purge Vol: 200.000 mL

Dil. Factor:

1.0000

Method: TO15\_MasterMethod\_(v1)\_G

Limit Group:

AI\_TO15\_ICAL

Column: RTX-624 ( 0.32 mm)

Detector

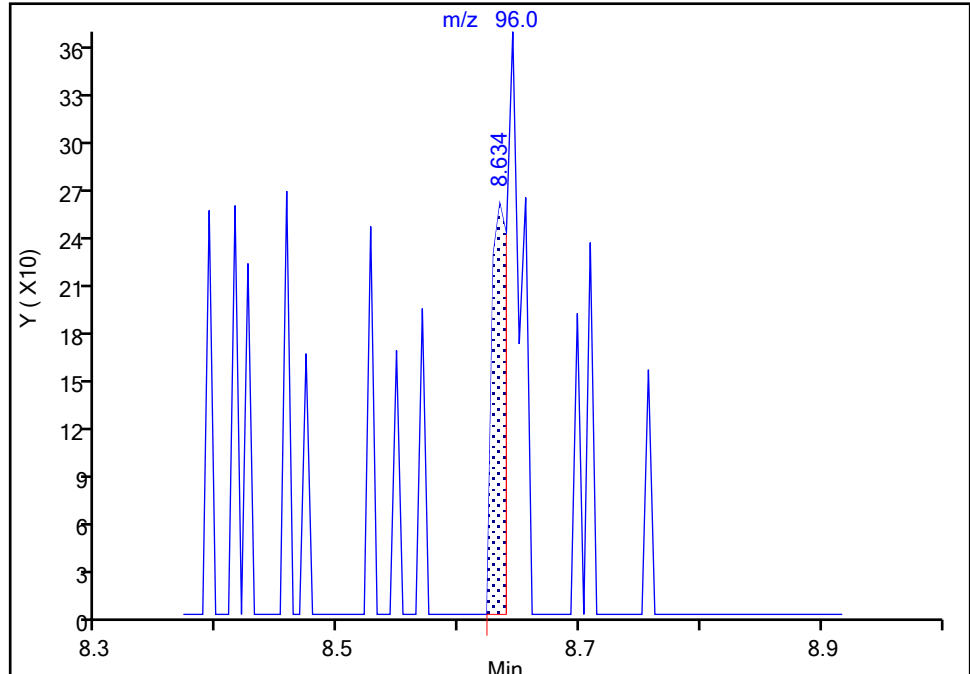
MS SCAN

**37 cis-1,2-Dichloroethene, CAS: 156-59-2**

Signal: 1

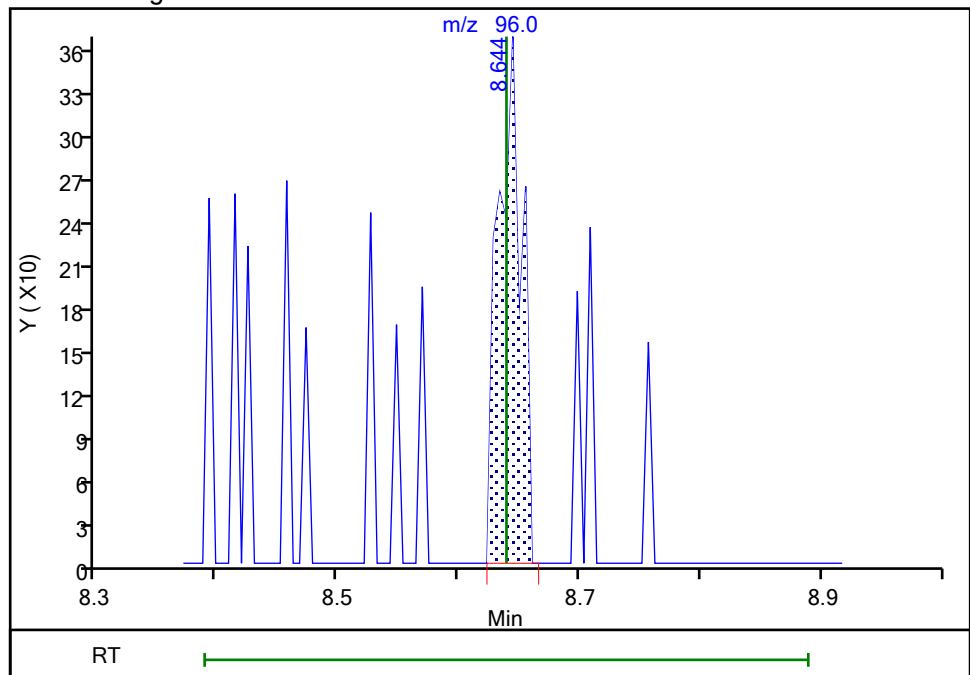
RT: 8.63  
Area: 230  
Amount: 0.016319  
Amount Units: ppb v/v

## Processing Integration Results



RT: 8.64  
Area: 483  
Amount: 0.034411  
Amount Units: ppb v/v

## Manual Integration Results



Reviewer: phamvu, 09-Dec-2020 18:16:43

Audit Action: Manually Integrated

Audit Reason: Assign Peak

## Eurofins TestAmerica, Burlington

Data File: \\chromfs\Burlington\ChromData\CHG.i\20201209-43976.b\200-43976-002.D

Injection Date: 09-Dec-2020 11:26:30

Instrument ID: CHG.i

Lims ID: ic

Client ID:

Operator ID: ggg

ALS Bottle#:

1

Worklist Smp#: 2

Purge Vol: 200.000 mL

Dil. Factor: 1.0000

Method: TO15\_MasterMethod\_(v1)\_G

Limit Group: AI\_TO15\_ICAL

Column: RTX-624 ( 0.32 mm)

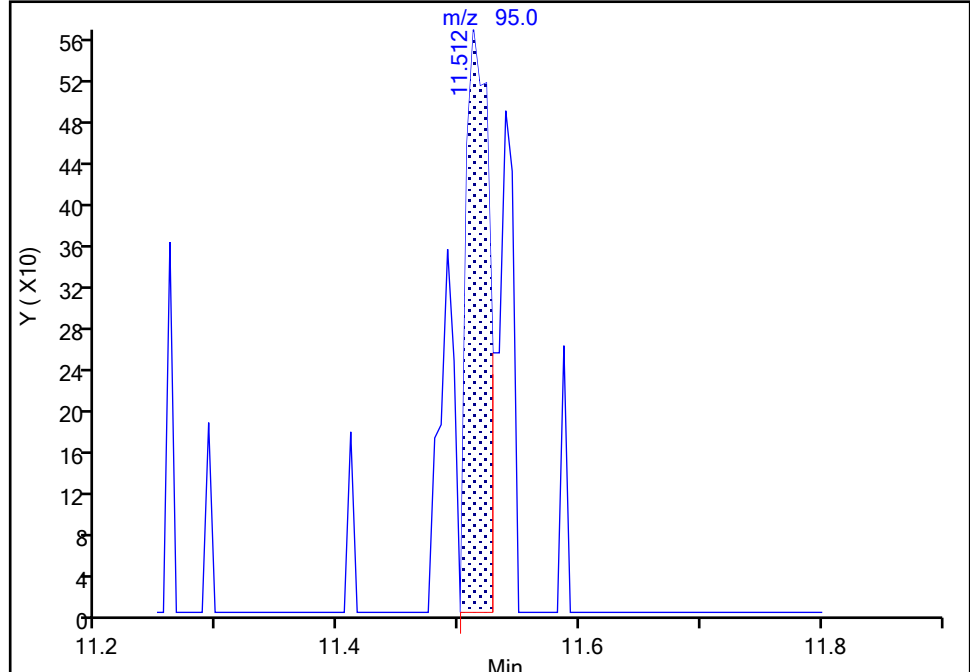
Detector: MS SCAN

**53 Trichloroethene, CAS: 79-01-6**

Signal: 1

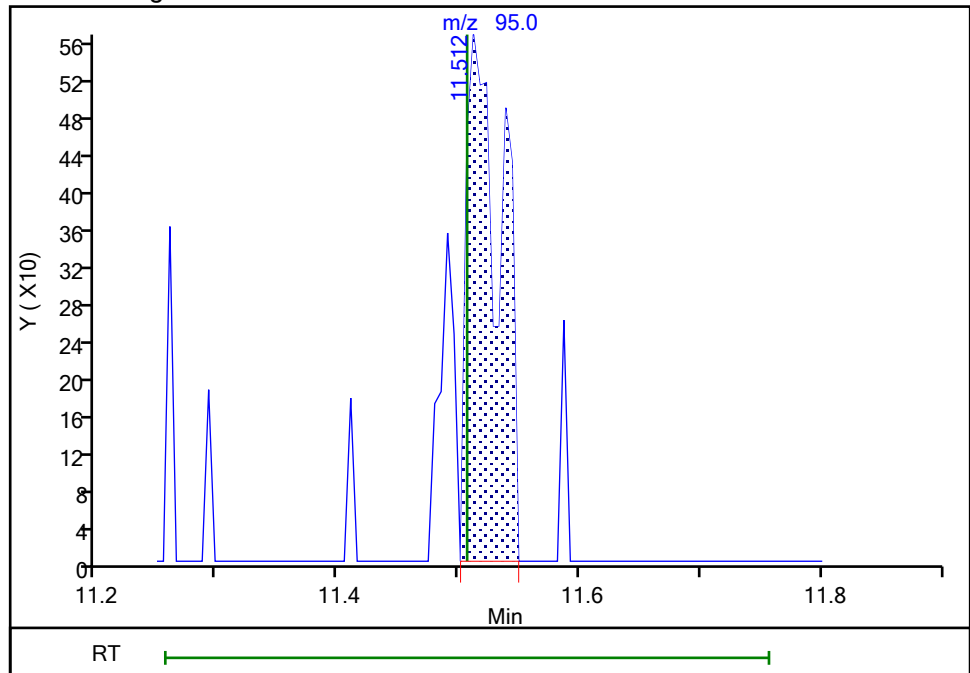
RT: 11.51  
Area: 741  
Amount: 0.028069  
Amount Units: ppb v/v

## Processing Integration Results



RT: 11.51  
Area: 1117  
Amount: 0.036110  
Amount Units: ppb v/v

## Manual Integration Results



Reviewer: phamvu, 09-Dec-2020 18:17:03

Audit Action: Manually Integrated

Audit Reason: Assign Peak

## Eurofins TestAmerica, Burlington

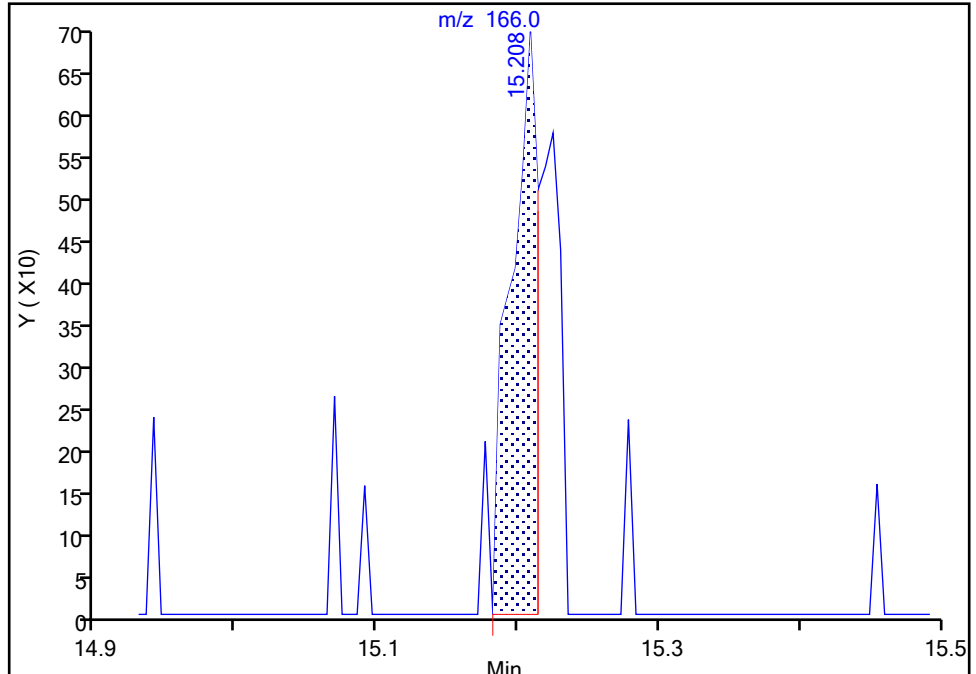
Data File: \\chromfs\Burlington\ChromData\CHG.i\20201209-43976.b\200-43976-002.D  
Injection Date: 09-Dec-2020 11:26:30 Instrument ID: CHG.i  
Lims ID: ic  
Client ID:  
Operator ID: ggg ALS Bottle#: 1 Worklist Smp#: 2  
Purge Vol: 200.000 mL Dil. Factor: 1.0000  
Method: TO15\_MasterMethod\_(v1)\_G Limit Group: AI\_TO15\_ICAL  
Column: RTX-624 ( 0.32 mm) Detector: MS SCAN

**68 Tetrachloroethene, CAS: 127-18-4**

Signal: 1

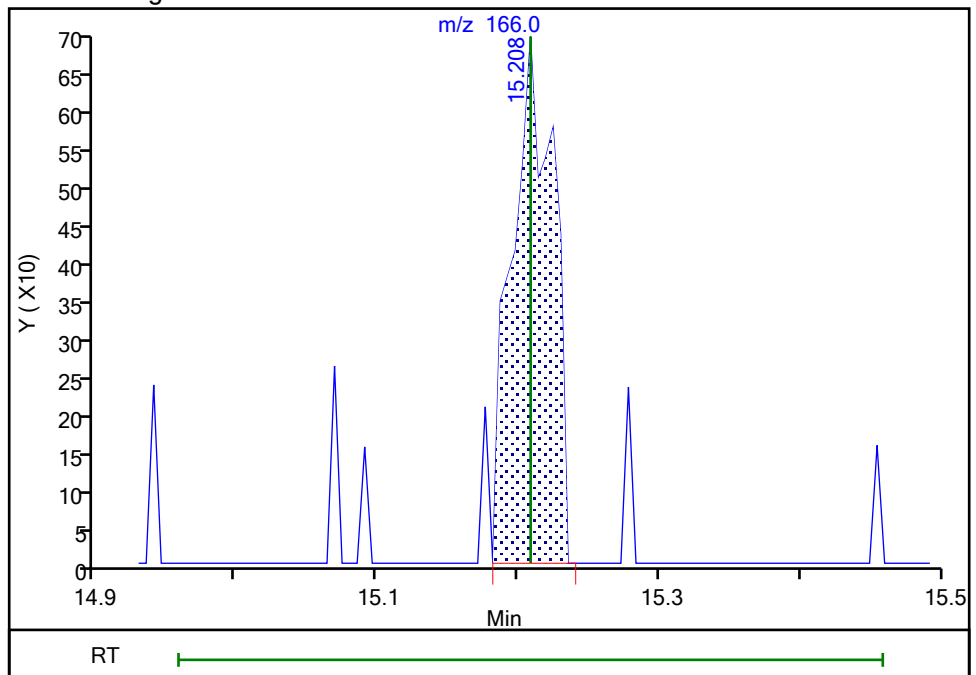
RT: 15.21  
Area: 924  
Amount: 0.025339  
Amount Units: ppb v/v

## Processing Integration Results



RT: 15.21  
Area: 1421  
Amount: 0.037300  
Amount Units: ppb v/v

## Manual Integration Results



Reviewer: phamvu, 09-Dec-2020 18:17:16

Audit Action: Manually Integrated

Audit Reason: Assign Peak

Eurofins TestAmerica, Burlington  
Target Compound Quantitation Report

Data File: \\chromfs\Burlington\ChromData\CHG.i\20201209-43976.b\200-43976-003.D  
 Lims ID: ic  
 Client ID:  
 Sample Type: IC Calib Level: 2  
 Inject. Date: 09-Dec-2020 12:18:30 ALS Bottle#: 2 Worklist Smp#: 3  
 Purge Vol: 200.000 mL Dil. Factor: 1.0000  
 Sample Info: 200-0043976-003  
 Misc. Info.: ic  
 Operator ID: ggg Instrument ID: CHG.i  
 Sublist: chrom-TO15\_MasterMethod\_(v1)\_G\*sub9  
 Method: \\chromfs\Burlington\ChromData\CHG.i\20201209-43976.b\TO15\_MasterMethod\_(v1)\_G.m  
 Limit Group: AI\_TO15\_ICAL  
 Last Update: 10-Dec-2020 11:28:52 Calib Date: 09-Dec-2020 17:31:30  
 Integrator: RTE ID Type: Deconvolution ID  
 Quant Method: Internal Standard Quant By: Initial Calibration  
 Last ICal File: \\chromfs\Burlington\ChromData\CHG.i\20201209-43976.b\200-43976-009.D  
 Column 1 : RTX-624 ( 0.32 mm) Det: MS SCAN  
 Process Host: CTX1664

First Level Reviewer: phamvu

Date: 09-Dec-2020 18:46:36

| 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  | 3.048     | 3.049         | -0.001        | 83 | 2106     | 0.1859          | 0.3221            |       |
| 2 Dichlorodifluoromethane          | 85  | 3.107     | 3.108         | -0.001        | 98 | 9107     | 0.1881          | 0.2083            |       |
| 3 Chlorodifluoromethane            | 51  | 3.134     | 3.124         | 0.010         | 95 | 3526     | 0.1888          | 0.1887            |       |
| 4 1,2-Dichloro-1,1,2,2-tetrafluoro | 85  | 3.321     | 3.316         | 0.005         | 85 | 7218     | 0.1875          | 0.1905            |       |
| 5 Chloromethane                    | 50  | 3.391     | 3.391         | 0.000         | 60 | 1939     | 0.1967          | 0.2623            |       |
| 7 Vinyl chloride                   | 62  | 3.583     | 3.584         | -0.001        | 41 | 1682     | 0.1872          | 0.1820            |       |
| 6 Butane                           | 43  | 3.589     | 3.589         | 0.000         | 58 | 2260     | 0.1866          | 0.1936            |       |
| 8 Butadiene                        | 54  | 3.674     | 3.659         | 0.015         | 52 | 1419     | 0.1823          | 0.2222            |       |
| 10 Bromomethane                    | 94  | 4.134     | 4.135         | -0.001        | 63 | 2841     | 0.1857          | 0.2209            |       |
| 11 Chloroethane                    | 64  | 4.306     | 4.322         | -0.016        | 1  | 828      | 0.1872          | 0.2145            |       |
| 12 2-Methylbutane                  | 43  | 4.488     | 4.488         | 0.000         | 60 | 2223     | 0.1881          | 0.2410            |       |
| 13 Vinyl bromide                   | 106 | 4.632     | 4.632         | 0.000         | 50 | 2554     | 0.1877          | 0.1965            |       |
| 14 Trichlorofluoromethane          | 101 | 4.760     | 4.766         | -0.006        | 64 | 7806     | 0.1903          | 0.1903            |       |
| 16 Pentane                         | 43  | 4.932     | 4.932         | 0.000         | 64 | 2611     | 0.1825          | 0.1919            |       |
| 17 Ethanol                         | 45  |           | 5.001         |               |    |          | ND              | ND                | U     |
| 18 Ethyl ether                     | 59  | 5.247     | 5.247         | 0.000         | 1  | 1311     | 0.1816          | 0.2722            | M     |
| 19 Acrolein                        | 56  |           | 5.429         |               |    |          | ND              | ND                |       |
| 21 1,1-Dichloroethene              | 96  | 5.638     | 5.633         | 0.005         | 78 | 2511     | 0.1852          | 0.2036            |       |
| 22 Acetone                         | 43  |           | 5.665         |               |    |          | ND              | ND                | U     |
| 20 112TCTFE                        | 101 | 5.675     | 5.675         | 0.000         | 90 | 6576     | 0.1890          | 0.2299            |       |
| 24 Isopropyl alcohol               | 45  |           | 5.905         |               |    |          | ND              | ND                | U     |
| 23 Carbon disulfide                | 76  | 6.023     | 6.007         | 0.016         | 90 | 6739     | 0.1830          | 0.2057            |       |
| 26 Acetonitrile                    | 41  | 6.119     | 6.087         | 0.032         | 64 | 1321     | 0.1784          | 0.2952            |       |
| 25 3-Chloro-1-propene              | 41  | 6.242     | 6.242         | 0.000         | 61 | 1872     | 0.1919          | 0.1698            |       |
| 27 Methylene Chloride              | 49  | 6.440     | 6.446         | -0.006        | 62 | 2897     | 0.1852          | 0.2261            |       |
| 28 2-Methyl-2-propanol             | 59  | 6.660     | 6.617         | 0.043         | 56 | 3840     | 0.1942          | 0.2176            |       |
| 32 Acrylonitrile                   | 53  | 6.809     | 6.799         | 0.010         | 58 | 517      | 0.1821          | 0.1181            |       |
| 31 trans-1,2-Dichloroethene        | 61  | 6.943     | 6.943         | 0.000         | 68 | 3714     | 0.1838          | 0.2096            | M     |
| 29 Methyl tert-butyl ether         | 73  | 6.980     | 6.954         | 0.026         | 80 | 5210     | 0.1883          | 0.2017            |       |
| 33 Hexane                          | 57  | 7.457     | 7.462         | -0.005        | 59 | 2578     | 0.1908          | 0.2050            |       |

| Compound                       | Sig | RT (min.) | Adj RT (min.) | Dlt RT (min.) | Q  | Response | Cal Amt ppb v/v | OnCol Amt ppb v/v | Flags |
|--------------------------------|-----|-----------|---------------|---------------|----|----------|-----------------|-------------------|-------|
| 34 1,1-Dichloroethane          | 63  | 7.671     | 7.660         | 0.011         | 33 | 4396     | 0.1802          | 0.2198            | M     |
| 35 Vinyl acetate               | 43  | 7.692     | 7.682         | 0.010         | 81 | 4238     | 0.1872          | 0.2248            |       |
| 38 2-Butanone (MEK)            | 72  | 8.617     | 8.602         | 0.015         | 49 | 1254     | 0.1863          | 0.2978            | M     |
| 37 cis-1,2-Dichloroethene      | 96  | 8.639     | 8.639         | 0.000         | 64 | 2786     | 0.1820          | 0.2120            |       |
| 39 Ethyl acetate               | 88  |           | 8.714         |               |    |          | ND              | ND                |       |
| * 40 Chlorobromomethane        | 128 | 9.045     | 9.046         | -0.001        | 79 | 149075   | 10.0            | 10.0              |       |
| 41 Tetrahydrofuran             | 42  | 9.142     | 9.110         | 0.032         | 47 | 1889     | 0.1800          | 0.2262            |       |
| 42 Chloroform                  | 83  | 9.238     | 9.228         | 0.010         | 95 | 5925     | 0.1820          | 0.1886            | M     |
| 44 1,1,1-Trichloroethane       | 97  | 9.570     | 9.559         | 0.011         | 91 | 7135     | 0.1836          | 0.2006            |       |
| S 30 1,2-Dichloroethene, Total | 61  |           |               |               | 0  |          | 0.3657          | 0.4216            |       |
| 43 Cyclohexane                 | 84  | 9.741     | 9.741         | 0.000         | 90 | 3385     | 0.1829          | 0.2171            | M     |
| 45 Carbon tetrachloride        | 117 | 9.864     | 9.870         | -0.006        | 95 | 7196     | 0.1830          | 0.1757            |       |
| 47 Benzene                     | 78  | 10.217    | 10.212        | 0.005         | 64 | 8447     | 0.1861          | 0.2149            | M     |
| 48 1,2-Dichloroethane          | 62  | 10.260    | 10.271        | -0.011        | 46 | 3996     | 0.1866          | 0.2036            |       |
| 46 Isooctane                   | 57  | 10.501    | 10.501        | 0.000         | 91 | 12250    | 0.1886          | 0.2115            |       |
| 49 n-Heptane                   | 43  | 10.848    | 10.843        | 0.005         | 87 | 5422     | 0.1894          | 0.2310            | M     |
| * 50 1,4-Difluorobenzene       | 114 | 11.020    | 11.020        | 0.000         | 95 | 820189   | 10.0            | 10.0              |       |
| 52 n-Butanol                   | 56  | 11.292    | 11.277        | 0.016         | 53 | 3187     | 0.1721          | 0.3961            |       |
| 53 Trichloroethene             | 95  | 11.496    | 11.507        | -0.011        | 94 | 6149     | 0.1897          | 0.2225            | M     |
| 54 1,2-Dichloropropane         | 63  | 12.009    | 11.993        | 0.016         | 68 | 3756     | 0.1857          | 0.2319            | M     |
| 55 Methyl methacrylate         | 69  | 12.138    | 12.138        | 0.000         | 59 | 2895     | 0.1830          | 0.2320            |       |
| 56 1,4-Dioxane                 | 88  |           | 12.154        |               |    |          | ND              | ND                | U     |
| 57 Dibromomethane              | 174 | 12.159    | 12.159        | 0.000         | 88 | 5420     | 0.1856          | 0.1963            | M     |
| 58 Dichlorobromomethane        | 83  | 12.523    | 12.518        | 0.005         | 94 | 8194     | 0.1904          | 0.1980            |       |
| 60 cis-1,3-Dichloropropene     | 75  | 13.422    | 13.411        | 0.011         | 93 | 5748     | 0.1872          | 0.1980            | M     |
| 61 4-Methyl-2-pentanone (MIBK) | 43  | 13.732    | 13.711        | 0.021         | 86 | 7722     | 0.1845          | 0.2404            |       |
| 65 Toluene                     | 92  | 14.133    | 14.128        | 0.005         | 88 | 7308     | 0.1830          | 0.2226            |       |
| 64 n-Octane                    | 43  | 14.454    | 14.460        | -0.006        | 87 | 6808     | 0.1861          | 0.1912            | M     |
| 66 trans-1,3-Dichloropropene   | 75  | 14.566    | 14.556        | 0.010         | 34 | 5205     | 0.1780          | 0.1962            | M     |
| 67 1,1,2-Trichloroethane       | 83  | 14.957    | 14.952        | 0.005         | 38 | 4112     | 0.1888          | 0.2284            | M     |
| 68 Tetrachloroethene           | 166 | 15.214    | 15.209        | 0.005         | 83 | 6864     | 0.1892          | 0.1910            | M     |
| 69 2-Hexanone                  | 43  | 15.428    | 15.423        | 0.005         | 91 | 5462     | 0.1800          | 0.1951            |       |
| 71 Chlorodibromomethane        | 129 | 15.733    | 15.744        | -0.011        | 94 | 6455     | 0.1744          | 0.1369            | M     |
| 72 Ethylene Dibromide          | 107 | 15.995    | 15.990        | 0.005         | 96 | 6223     | 0.1912          | 0.1892            |       |
| * 74 Chlorobenzene-d5          | 117 | 16.984    | 16.979        | 0.005         | 87 | 747094   | 10.0            | 10.0              |       |
| 75 Chlorobenzene               | 112 | 17.043    | 17.043        | 0.000         | 72 | 9026     | 0.1890          | 0.1915            |       |
| 76 Ethylbenzene                | 91  | 17.263    | 17.268        | -0.005        | 98 | 16764    | 0.1841          | 0.2260            |       |
| 78 m-Xylene & p-Xylene         | 106 | 17.568    | 17.552        | 0.016         | 0  | 9889     | 0.3704          | 0.3687            | M     |
| 77 n-Nonane                    | 57  | 17.675    | 17.675        | 0.000         | 90 | 5527     | 0.1888          | 0.1846            |       |
| 79 o-Xylene                    | 106 | 18.354    | 18.354        | 0.000         | 94 | 6612     | 0.1866          | 0.2396            | M     |
| 80 Styrene                     | 104 | 18.386    | 18.392        | -0.006        | 71 | 8287     | 0.1859          | 0.2023            |       |
| 81 Bromoform                   | 173 | 18.728    | 18.739        | -0.011        | 54 | 2958     | 0.1854          | 0.0707            |       |
| 82 Isopropylbenzene            | 105 | 19.146    | 19.146        | 0.000         | 96 | 14656    | 0.1879          | 0.1939            | M     |
| S 73 Xylenes, Total            | 106 |           |               |               | 0  |          | 0.5571          | 0.6083            |       |
| 84 1,1,2,2-Tetrachloroethane   | 83  | 19.681    | 19.686        | -0.005        | 92 | 9287     | 0.1863          | 0.2221            | M     |
| 86 1,2,3-Trichloropropane      | 75  | 19.793    | 19.788        | 0.005         | 95 | 8337     | 0.1908          | 0.2653            |       |
| 85 N-Propylbenzene             | 91  | 19.937    | 19.938        | -0.001        | 98 | 17450    | 0.1874          | 0.1928            |       |
| 89 2-Chlorotoluene             | 91  | 20.087    | 20.077        | 0.010         | 94 | 12297    | 0.1881          | 0.2016            | M     |
| 88 4-Ethyltoluene              | 105 | 20.151    | 20.152        | -0.001        | 97 | 13400    | 0.1861          | 0.1776            |       |
| 90 1,3,5-Trimethylbenzene      | 105 | 20.253    | 20.259        | -0.006        | 96 | 13069    | 0.1872          | 0.1929            |       |
| 87 n-Decane                    | 57  | 20.328    | 20.334        | -0.006        | 88 | 5506     | 0.1877          | 0.1608            |       |
| 91 Alpha Methyl Styrene        | 118 | 20.601    | 20.601        | 0.000         | 82 | 5244     | 0.1838          | 0.1610            |       |

| Compound                   | Sig | RT (min.) | Adj RT (min.) | Dlt RT (min.) | Q  | Response | Cal Amt ppb v/v | OnCol Amt ppb v/v | Flags |
|----------------------------|-----|-----------|---------------|---------------|----|----------|-----------------|-------------------|-------|
| 92 tert-Butylbenzene       | 119 | 20.772    | 20.772        | 0.000         | 92 | 11483    | 0.1866          | 0.1850            |       |
| 93 1,2,4-Trimethylbenzene  | 105 | 20.858    | 20.863        | -0.005        | 96 | 12955    | 0.1874          | 0.1930            |       |
| 94 sec-Butylbenzene        | 105 | 21.120    | 21.115        | 0.005         | 97 | 18649    | 0.1885          | 0.2006            |       |
| 96 1,3-Dichlorobenzene     | 146 | 21.280    | 21.280        | 0.000         | 92 | 9811     | 0.1906          | 0.1988            |       |
| 95 4-Isopropyltoluene      | 119 | 21.350    | 21.350        | 0.000         | 96 | 16988    | 0.1857          | 0.2072            |       |
| 97 1,4-Dichlorobenzene     | 146 | 21.430    | 21.425        | 0.005         | 93 | 9541     | 0.1886          | 0.1904            |       |
| 98 Benzyl chloride         | 91  | 21.574    | 21.575        | -0.001        | 98 | 9604     | 0.1906          | 0.1921            |       |
| 100 n-Butylbenzene         | 91  | 21.917    | 21.922        | -0.005        | 97 | 12648    | 0.1872          | 0.1790            |       |
| 101 1,2-Dichlorobenzene    | 146 | 21.922    | 21.922        | 0.000         | 80 | 9423     | 0.1881          | 0.1930            |       |
| 99 Undecane                | 57  | 22.104    | 22.104        | 0.000         | 92 | 6163     | 0.1885          | 0.1787            |       |
| 102 Dodecane               | 57  | 23.672    | 23.677        | -0.005        | 26 | 4000     | 0.1686          | 0.1408            |       |
| 103 1,2,4-Trichlorobenzene | 180 | 24.340    | 24.335        | 0.005         | 90 | 6701     | 0.1957          | 0.1818            |       |
| 104 Hexachlorobutadiene    | 225 | 24.597    | 24.597        | 0.000         | 91 | 8556     | 0.1848          | 0.1834            |       |
| 105 Naphthalene            | 128 | 24.784    | 24.785        | 0.000         | 53 | 10244    | 0.1751          | 0.1430            | M     |
| 106 1,2,3-Trichlorobenzene | 180 | 25.191    | 25.191        | 0.000         | 15 | 5572     | 0.1643          | 0.1574            |       |
| 123 Methylcyclohexane      | 83  |           | 0.000         |               |    |          | ND              | ND                |       |

### QC Flag Legend

#### Processing Flags

ND - Not Detected or Marked ND

#### Review Flags

M - Manually Integrated

U - Marked Undetected

### Reagents:

ATTO15CAL2w\_00296

Amount Added: 72.00

Units: mL

ATTO15GIS\_00017

Amount Added: 20.00

Units: mL

Run Reagent

Report Date: 10-Dec-2020 11:28:52

Chrom Revision: 2.3 12-Nov-2020 21:52:08

Eurofins TestAmerica, Burlington

Data File: \\chromfs\Burlington\ChromData\CHG.i\20201209-43976.b\200-43976-003.D

Injection Date: 09-Dec-2020 12:18:30

Instrument ID: CHG.i

Operator ID: ggg

Lims ID: ic

Worklist Smp#: 3

Client ID:

Purge Vol: 200.000 mL

Dil. Factor: 1.0000

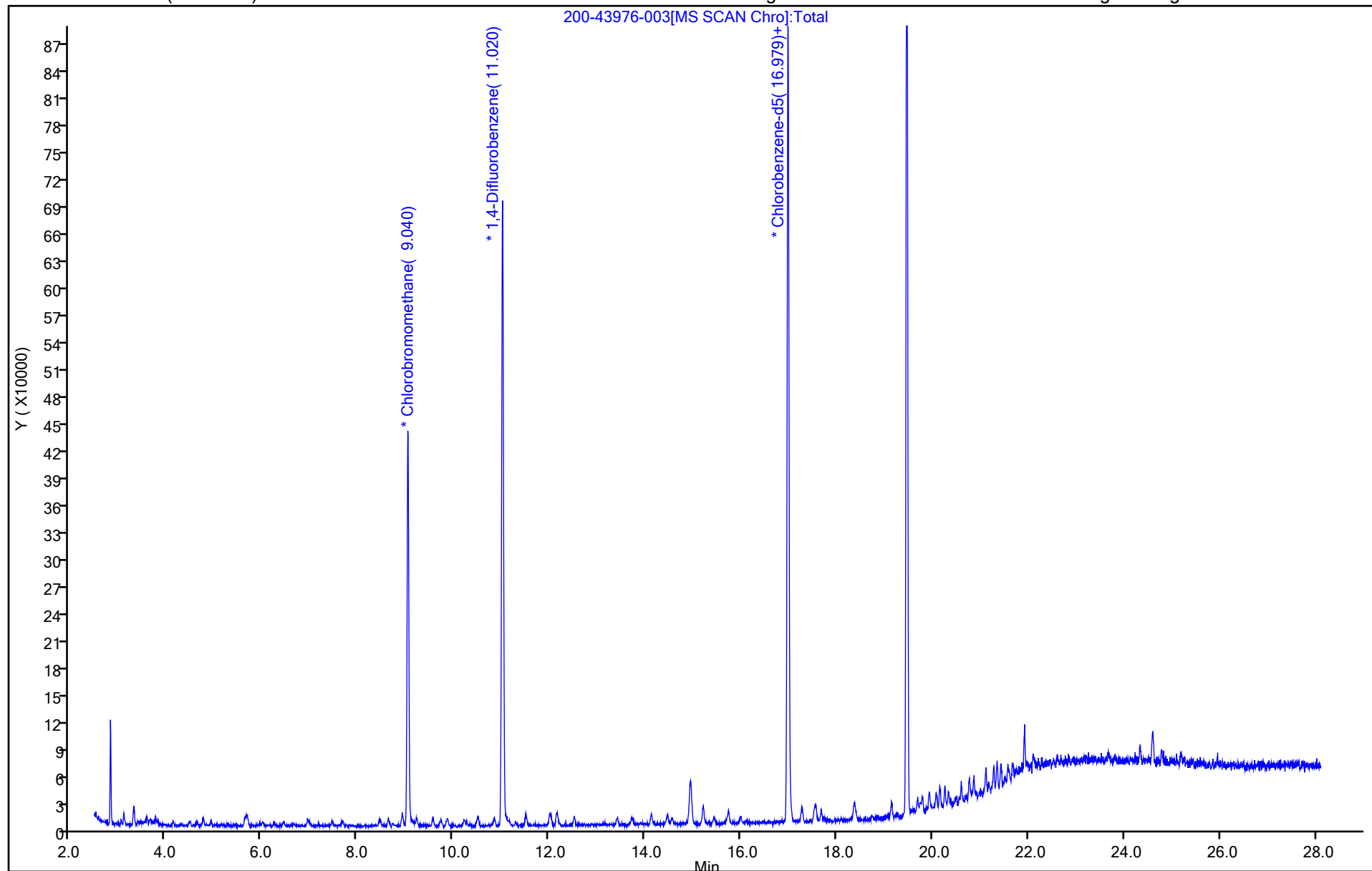
ALS Bottle#: 2

Method: TO15\_MasterMethod\_(v1)\_G

Limit Group: AI\_TO15\_ICAL

Column: RTX-624 ( 0.32 mm)

Y Scaling: Method Defined: Scale to the Nth Largest Target: 1









## Eurofins TestAmerica, Burlington

Data File: \\chromfs\Burlington\ChromData\CHG.i\20201209-43976.b\200-43976-003.D

Injection Date: 09-Dec-2020 12:18:30

Instrument ID: CHG.i

Lims ID: ic

Client ID:

Operator ID: ggg

ALS Bottle#: 2

Worklist Smp#: 3

Purge Vol: 200.000 mL

Dil. Factor: 1.0000

Method: TO15\_MasterMethod\_(v1)\_G

Limit Group: AI\_TO15\_ICAL

Column: RTX-624 ( 0.32 mm)

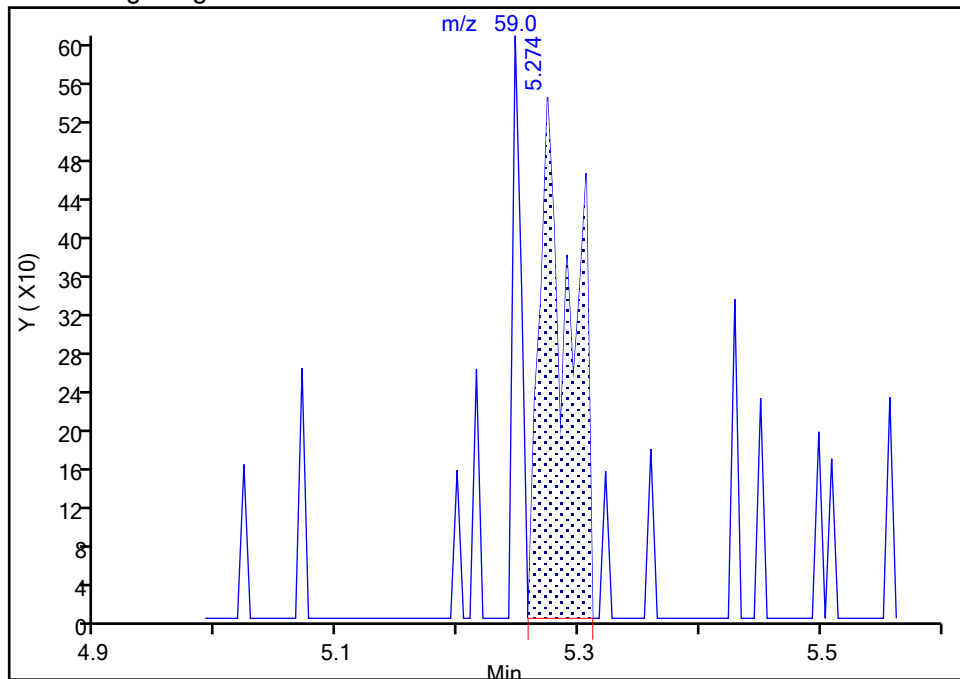
Detector: MS SCAN

**18 Ethyl ether, CAS: 60-29-7**

Signal: 1

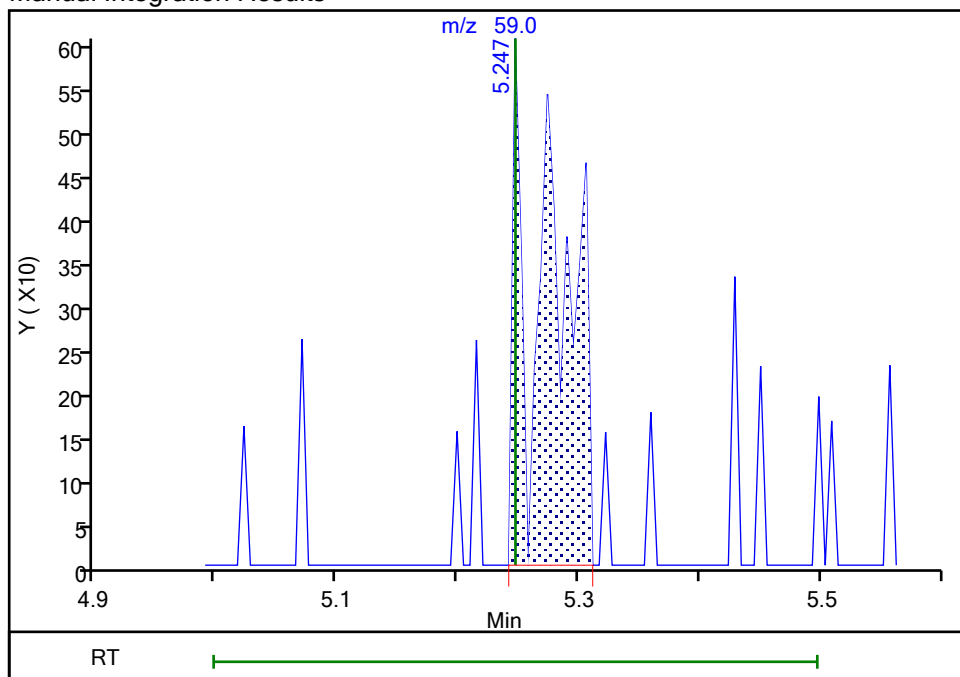
RT: 5.27  
Area: 1007  
Amount: 0.231925  
Amount Units: ppb v/v

## Processing Integration Results



RT: 5.25  
Area: 1311  
Amount: 0.272248  
Amount Units: ppb v/v

## Manual Integration Results



Reviewer: phamvu, 09-Dec-2020 18:34:59

Audit Action: Manually Integrated

Audit Reason: Assign Peak

## Eurofins TestAmerica, Burlington

Data File: \\chromfs\Burlington\ChromData\CHG.i\20201209-43976.b\200-43976-003.D

Injection Date: 09-Dec-2020 12:18:30

Instrument ID: CHG.i

Lims ID: ic

Client ID:

Operator ID: ggg

ALS Bottle#: 2

Worklist Smp#: 3

Purge Vol: 200.000 mL

Dil. Factor: 1.0000

Method: TO15\_MasterMethod\_(v1)\_G

Limit Group: AI\_TO15\_ICAL

Column: RTX-624 ( 0.32 mm)

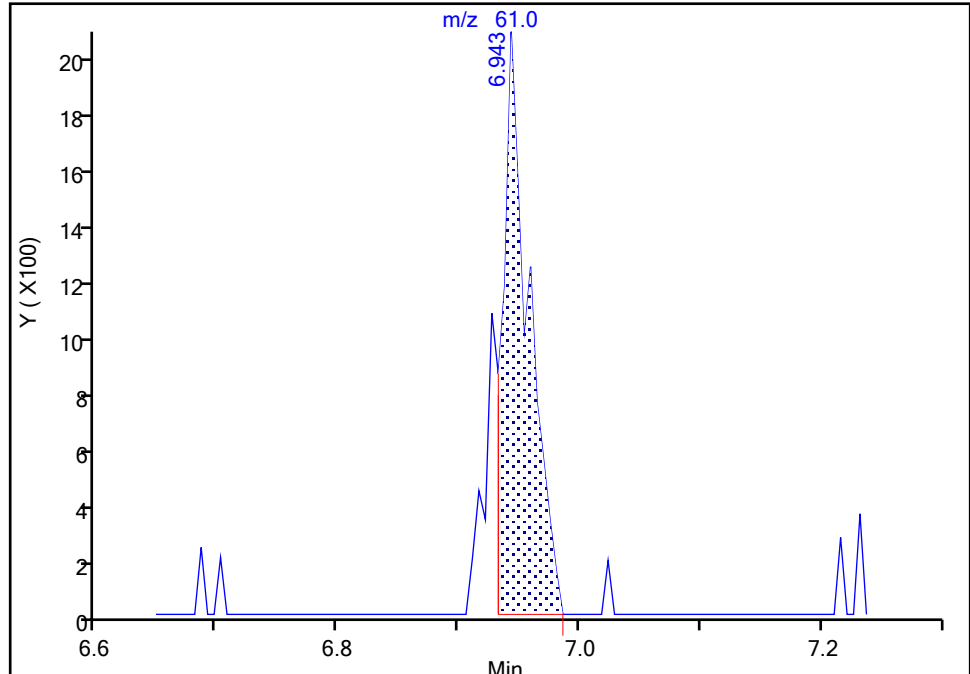
Detector: MS SCAN

**31 trans-1,2-Dichloroethene, CAS: 156-60-5**

Signal: 1

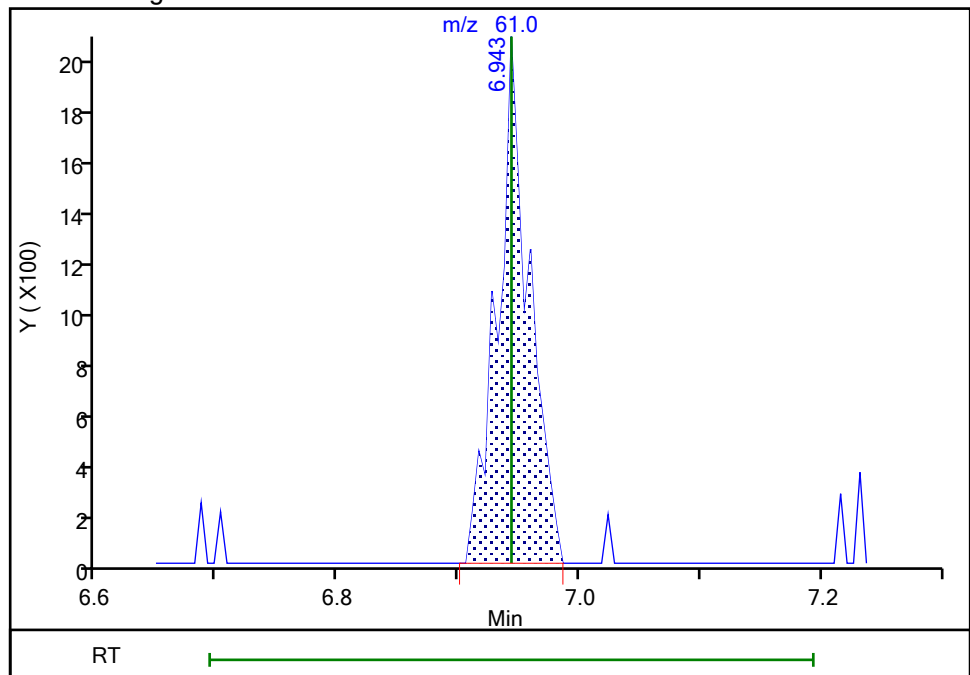
RT: 6.94  
Area: 3065  
Amount: 0.178070  
Amount Units: ppb v/v

## Processing Integration Results



RT: 6.94  
Area: 3714  
Amount: 0.209631  
Amount Units: ppb v/v

## Manual Integration Results



Reviewer: phamvu, 09-Dec-2020 18:18:38

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

## Eurofins TestAmerica, Burlington

Data File: \\chromfs\Burlington\ChromData\CHG.i\20201209-43976.b\200-43976-003.D

Injection Date: 09-Dec-2020 12:18:30

Instrument ID: CHG.i

Lims ID: ic

Client ID:

Operator ID: ggg

ALS Bottle#: 2

Worklist Smp#: 3

Purge Vol: 200.000 mL

Dil. Factor: 1.0000

Method: TO15\_MasterMethod\_(v1)\_G

Limit Group: AI\_TO15\_ICAL

Column: RTX-624 ( 0.32 mm)

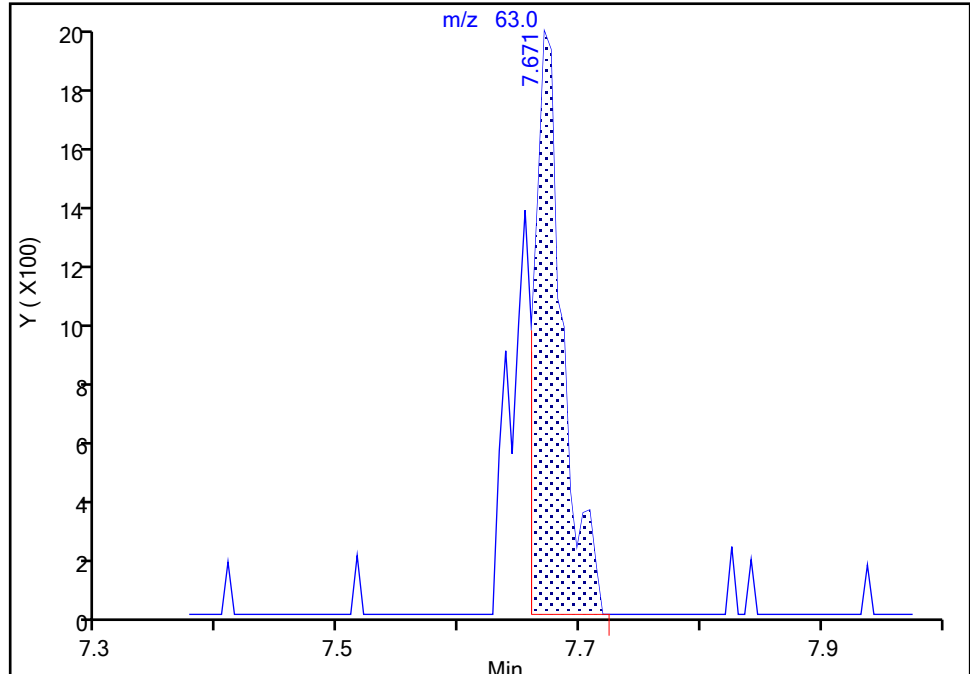
Detector: MS SCAN

**34 1,1-Dichloroethane, CAS: 75-34-3**

Signal: 1

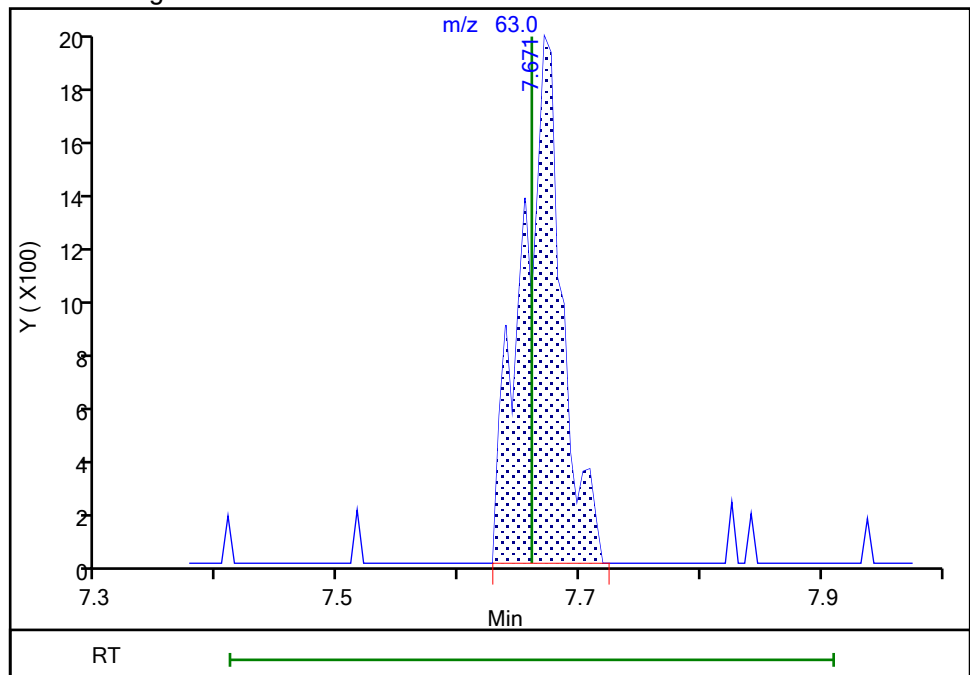
RT: 7.67  
Area: 3046  
Amount: 0.161259  
Amount Units: ppb v/v

## Processing Integration Results



RT: 7.67  
Area: 4396  
Amount: 0.219834  
Amount Units: ppb v/v

## Manual Integration Results



Reviewer: phamvu, 09-Dec-2020 18:18:48

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

## Eurofins TestAmerica, Burlington

Data File: \\chromfs\Burlington\ChromData\CHG.i\20201209-43976.b\200-43976-003.D

Injection Date: 09-Dec-2020 12:18:30

Instrument ID: CHG.i

Lims ID: ic

Client ID:

Operator ID: ggg

ALS Bottle#:

2

Worklist Smp#: 3

Purge Vol: 200.000 mL

Dil. Factor: 1.0000

Method: TO15\_MasterMethod\_(v1)\_G

Limit Group: AI\_TO15\_ICAL

Column: RTX-624 ( 0.32 mm)

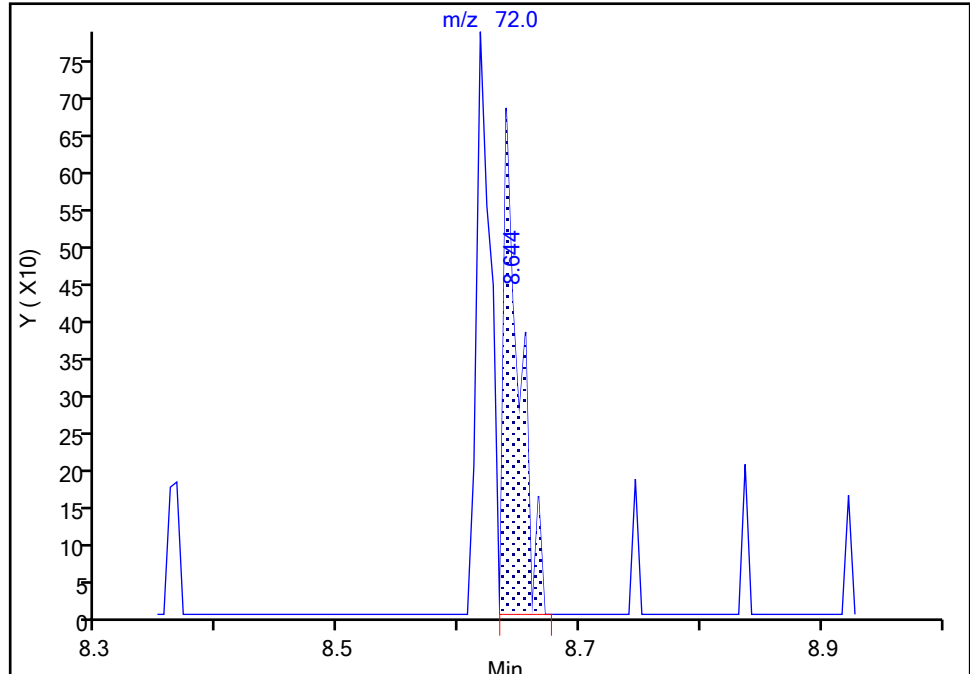
Detector: MS SCAN

**38 2-Butanone (MEK), CAS: 78-93-3**

Signal: 1

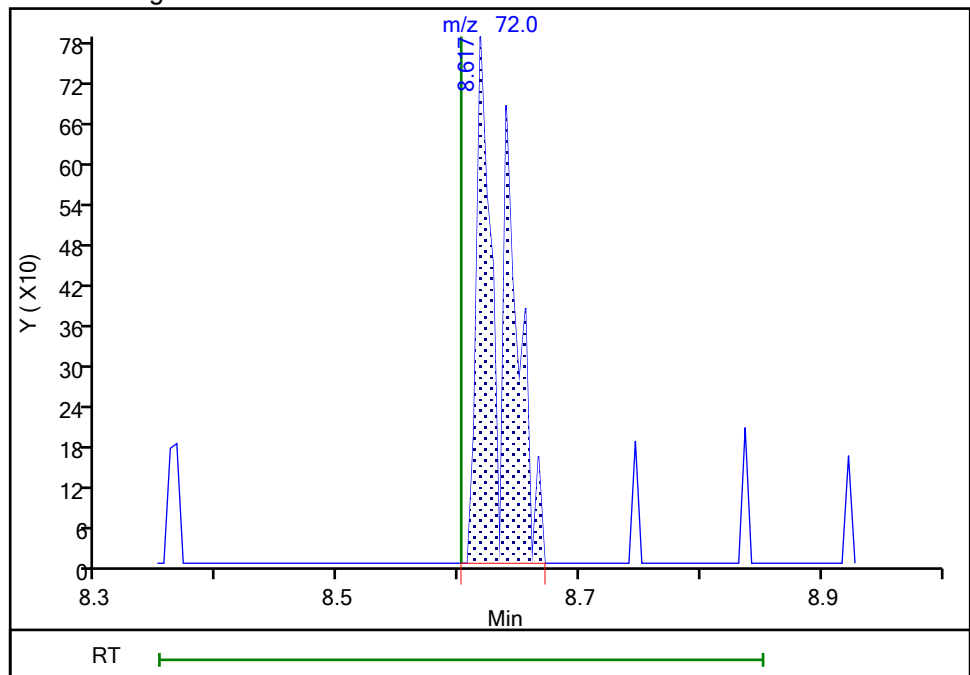
RT: 8.64  
Area: 616  
Amount: 0.150895  
Amount Units: ppb v/v

## Processing Integration Results



RT: 8.62  
Area: 1254  
Amount: 0.297751  
Amount Units: ppb v/v

## Manual Integration Results



Reviewer: phamvu, 09-Dec-2020 18:19:48

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

## Eurofins TestAmerica, Burlington

Data File: \\chromfs\Burlington\ChromData\CHG.i\20201209-43976.b\200-43976-003.D

Injection Date: 09-Dec-2020 12:18:30

Instrument ID: CHG.i

Lims ID: ic

Client ID:

Operator ID: ggg

ALS Bottle#:

2

Worklist Smp#: 3

Purge Vol: 200.000 mL

Dil. Factor: 1.0000

Method: TO15\_MasterMethod\_(v1)\_G

Limit Group: AI\_TO15\_ICAL

Column: RTX-624 ( 0.32 mm)

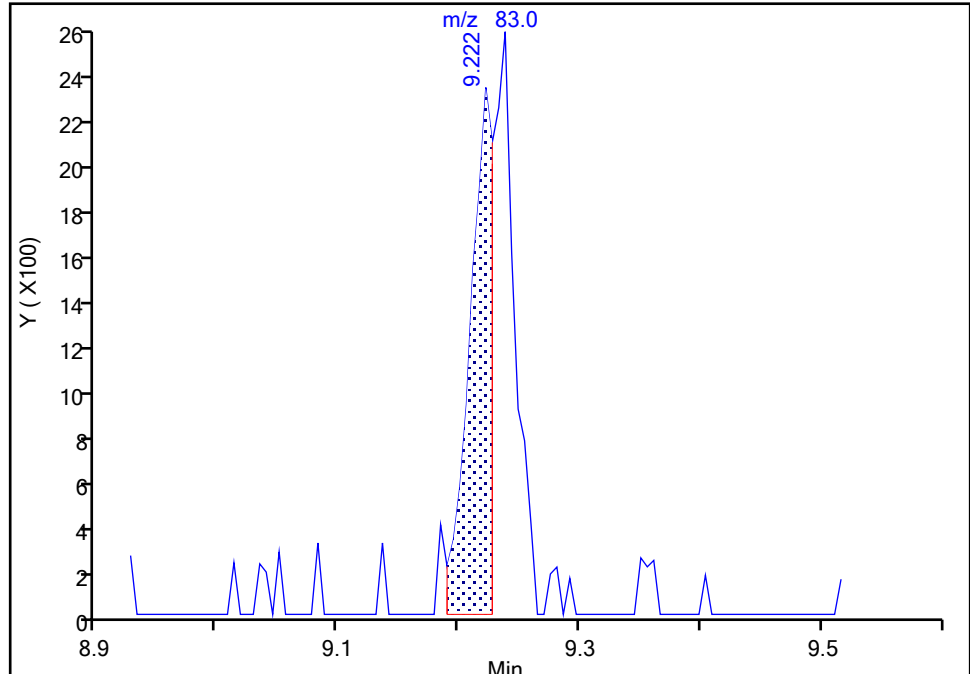
Detector: MS SCAN

**42 Chloroform, CAS: 67-66-3**

Signal: 1

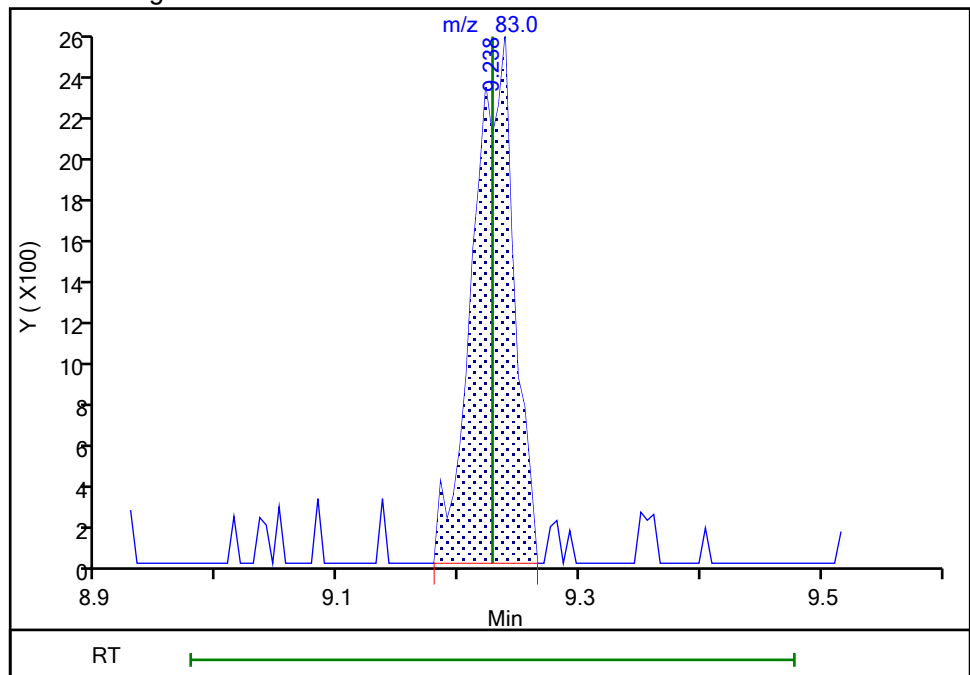
RT: 9.22  
Area: 3117  
Amount: 0.106695  
Amount Units: ppb v/v

## Processing Integration Results



RT: 9.24  
Area: 5925  
Amount: 0.188583  
Amount Units: ppb v/v

## Manual Integration Results



Reviewer: phamvu, 09-Dec-2020 18:20:02

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

## Eurofins TestAmerica, Burlington

Data File: \\chromfs\Burlington\ChromData\CHG.i\20201209-43976.b\200-43976-003.D

Injection Date: 09-Dec-2020 12:18:30

Instrument ID: CHG.i

Lims ID: ic

Client ID:

Operator ID: ggg

ALS Bottle#:

2

Worklist Smp#: 3

Purge Vol: 200.000 mL

Dil. Factor: 1.0000

Method: TO15\_MasterMethod\_(v1)\_G

Limit Group: AI\_TO15\_ICAL

Column: RTX-624 ( 0.32 mm)

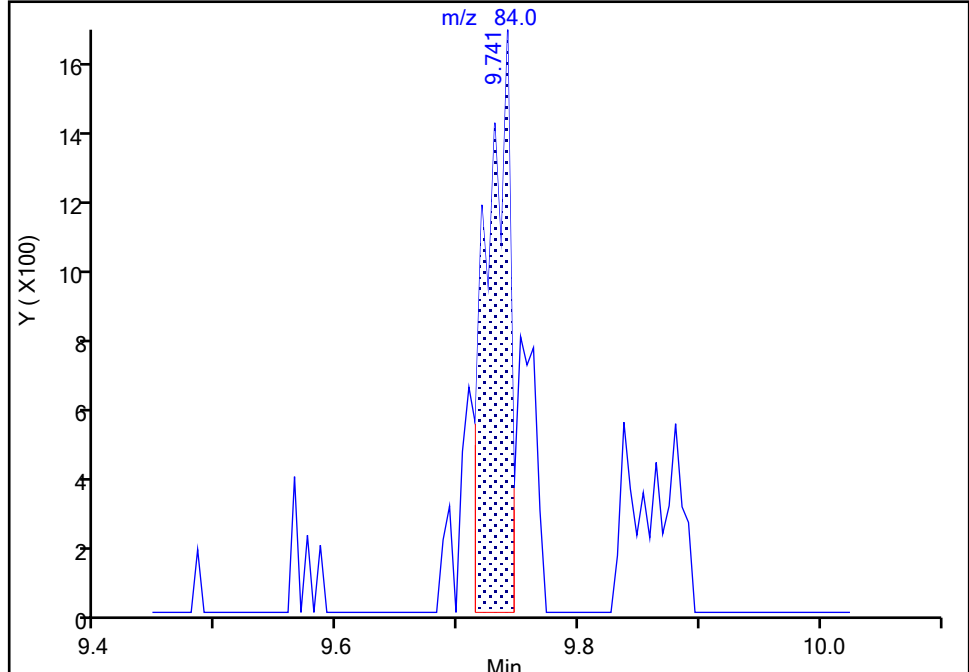
Detector: MS SCAN

**43 Cyclohexane, CAS: 110-82-7**

Signal: 1

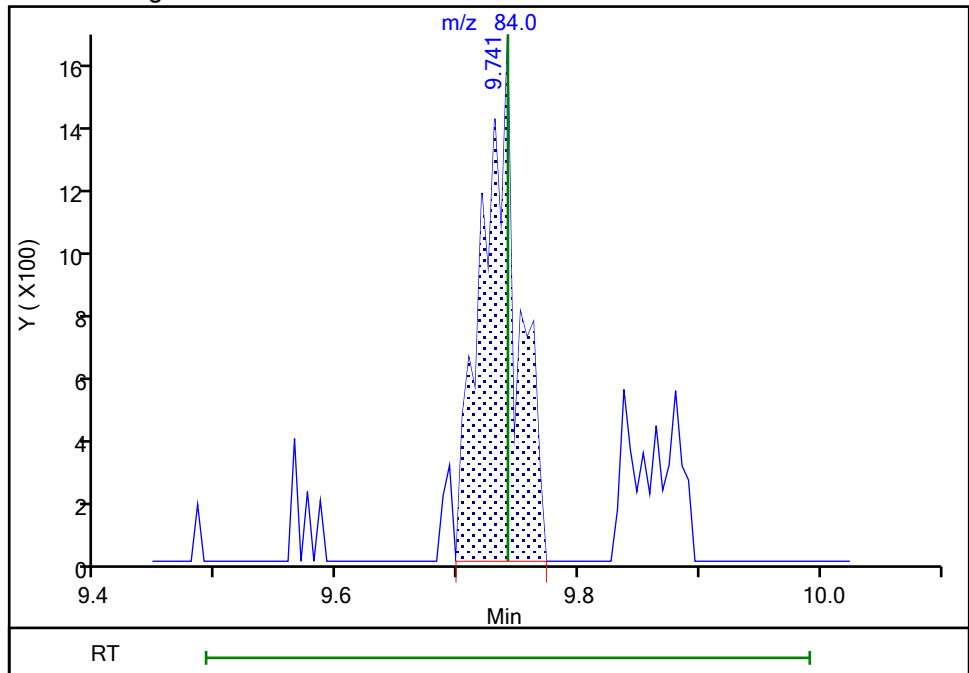
RT: 9.74  
Area: 2233  
Amount: 0.177484  
Amount Units: ppb v/v

## Processing Integration Results



RT: 9.74  
Area: 3385  
Amount: 0.217060  
Amount Units: ppb v/v

## Manual Integration Results



Reviewer: phamvu, 09-Dec-2020 18:20:16

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration



## Eurofins TestAmerica, Burlington

Data File: \\chromfs\Burlington\ChromData\CHG.i\20201209-43976.b\200-43976-003.D

Injection Date: 09-Dec-2020 12:18:30

Instrument ID: CHG.i

Lims ID: ic

Client ID:

Operator ID: ggg

ALS Bottle#:

2

Worklist Smp#: 3

Purge Vol: 200.000 mL

Dil. Factor: 1.0000

Method: TO15\_MasterMethod\_(v1)\_G

Limit Group: AI\_TO15\_ICAL

Column: RTX-624 ( 0.32 mm)

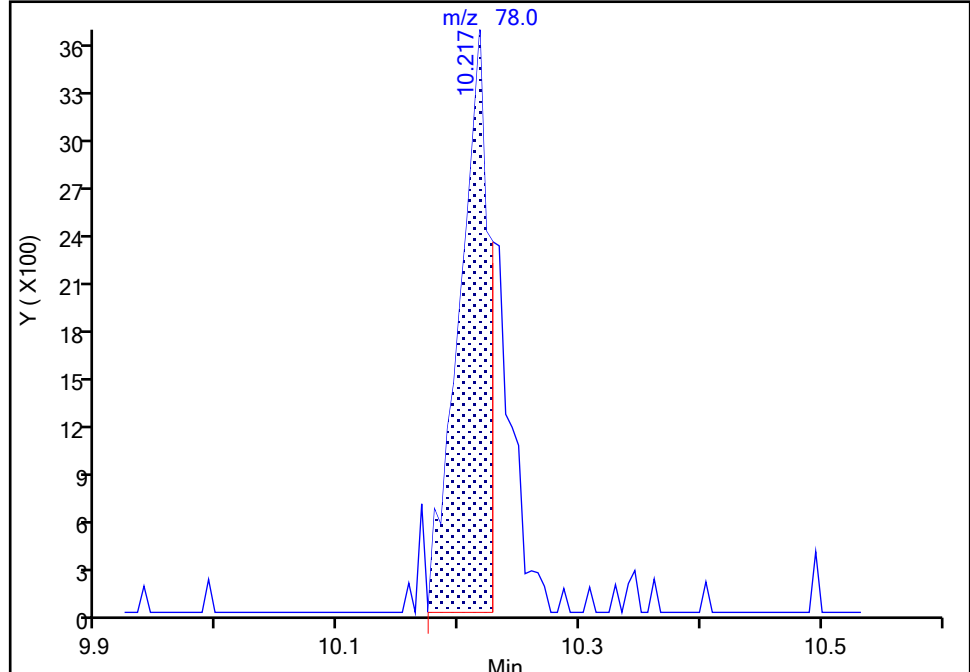
Detector: MS SCAN

**47 Benzene, CAS: 71-43-2**

Signal: 1

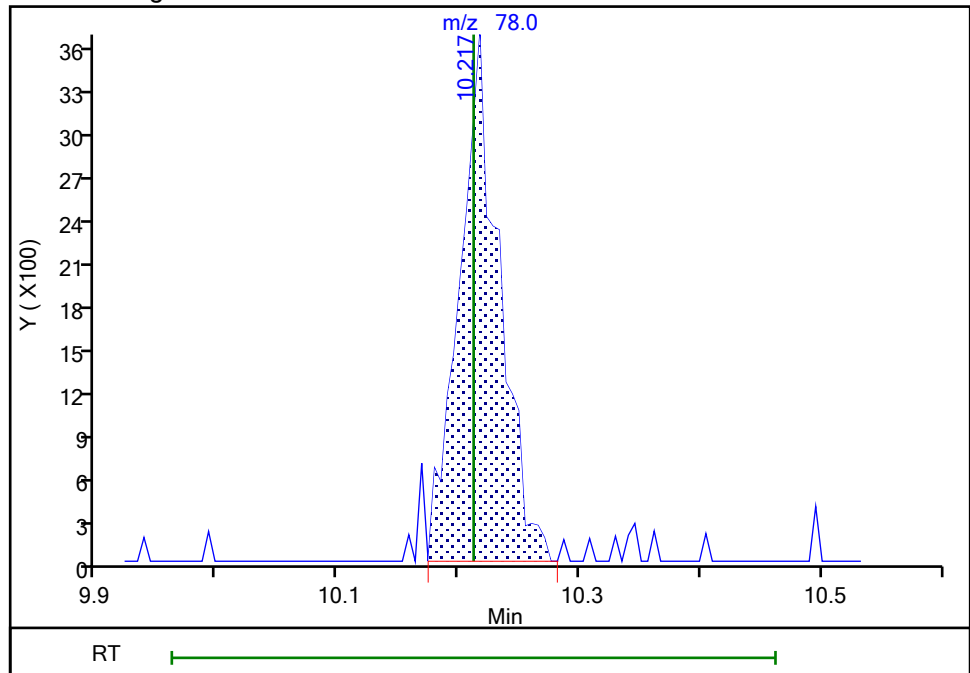
RT: 10.22  
Area: 6304  
Amount: 0.178106  
Amount Units: ppb v/v

## Processing Integration Results



RT: 10.22  
Area: 8447  
Amount: 0.214909  
Amount Units: ppb v/v

## Manual Integration Results



Reviewer: phamvu, 09-Dec-2020 18:20:25

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

## Eurofins TestAmerica, Burlington

Data File: \\chromfs\Burlington\ChromData\CHG.i\20201209-43976.b\200-43976-003.D

Injection Date: 09-Dec-2020 12:18:30

Instrument ID: CHG.i

Lims ID: ic

Client ID:

Operator ID: ggg

ALS Bottle#:

2

Worklist Smp#: 3

Purge Vol: 200.000 mL

Dil. Factor: 1.0000

Method: TO15\_MasterMethod\_(v1)\_G

Limit Group: AI\_TO15\_ICAL

Column: RTX-624 ( 0.32 mm)

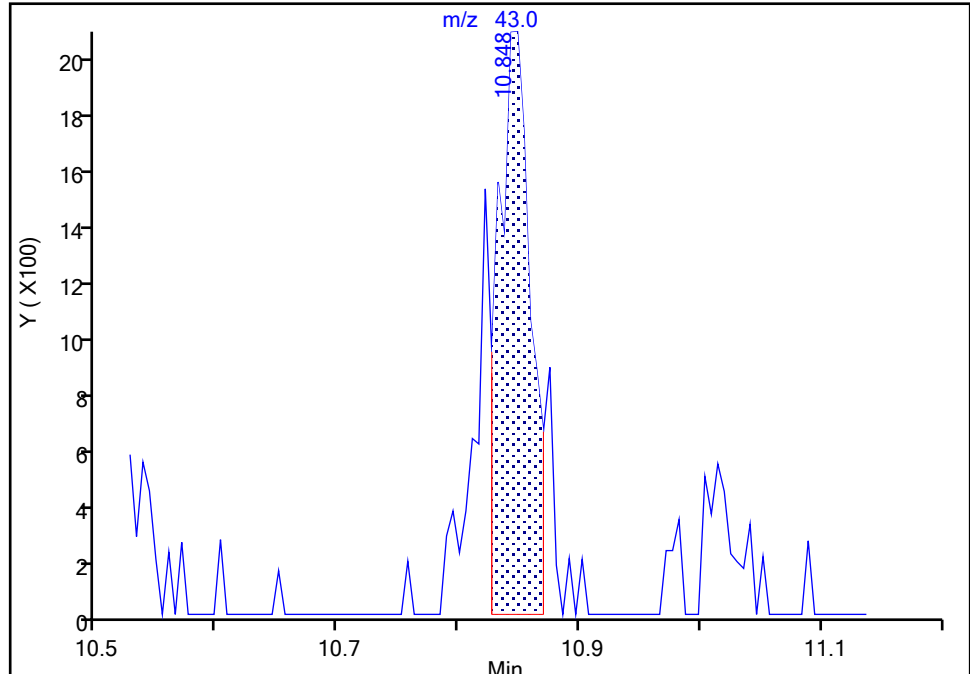
Detector: MS SCAN

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

Signal: 1

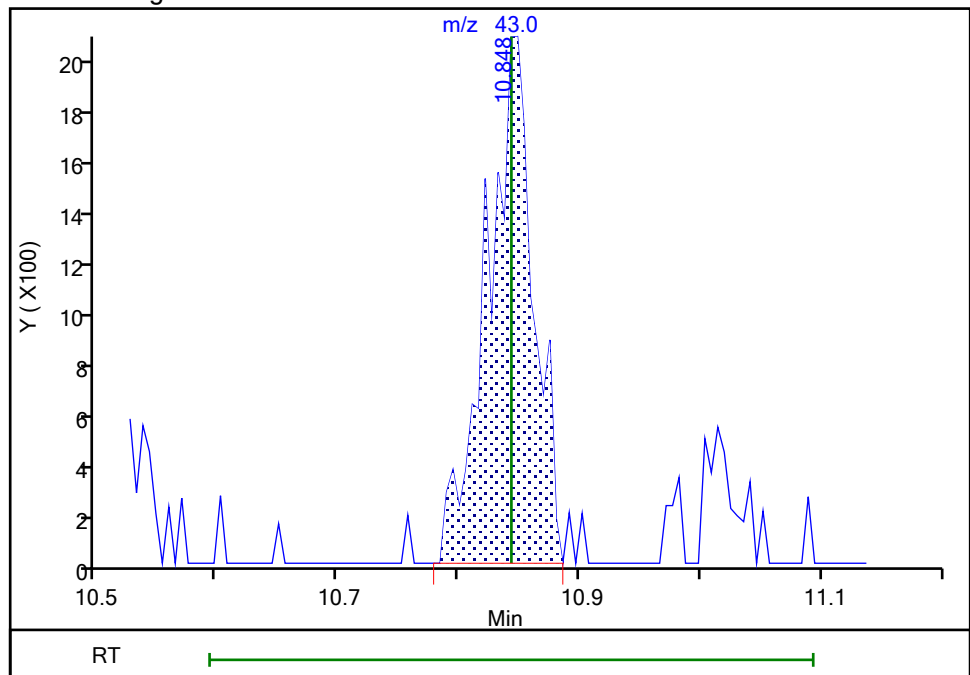
RT: 10.85  
Area: 3841  
Amount: 0.172430  
Amount Units: ppb v/v

## Processing Integration Results



RT: 10.85  
Area: 5422  
Amount: 0.231033  
Amount Units: ppb v/v

## Manual Integration Results



Reviewer: phamvu, 09-Dec-2020 18:20:35

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

## Eurofins TestAmerica, Burlington

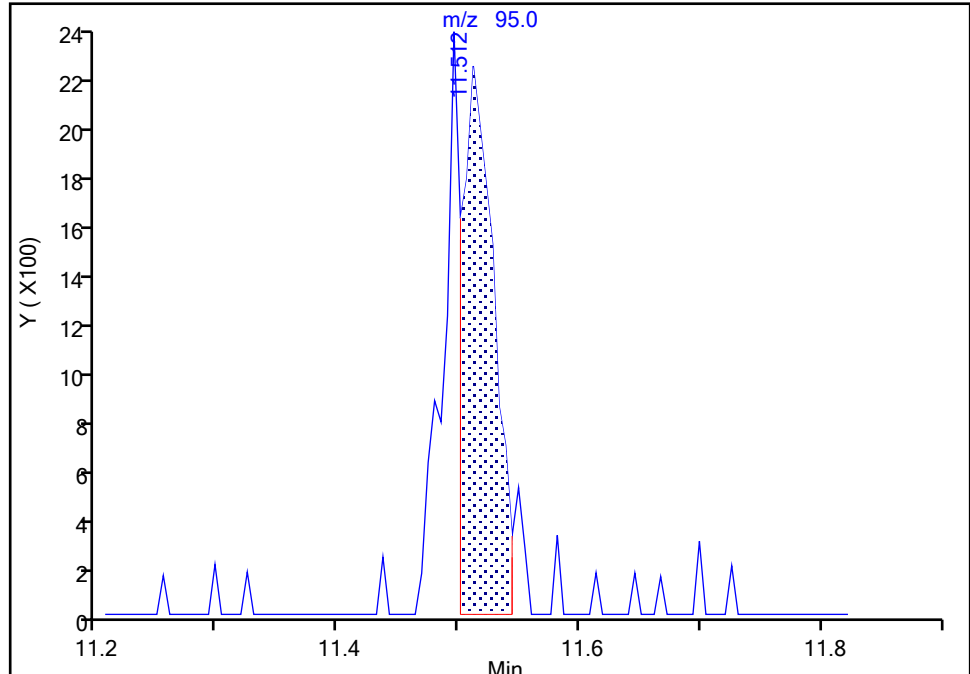
Data File: \\chromfs\Burlington\ChromData\CHG.i\20201209-43976.b\200-43976-003.D  
Injection Date: 09-Dec-2020 12:18:30 Instrument ID: CHG.i  
Lims ID: ic  
Client ID:  
Operator ID: ggg ALS Bottle#: 2 Worklist Smp#: 3  
Purge Vol: 200.000 mL Dil. Factor: 1.0000  
Method: TO15\_MasterMethod\_(v1)\_G Limit Group: AI\_TO15\_ICAL  
Column: RTX-624 ( 0.32 mm) Detector: MS SCAN

**53 Trichloroethene, CAS: 79-01-6**

Signal: 1

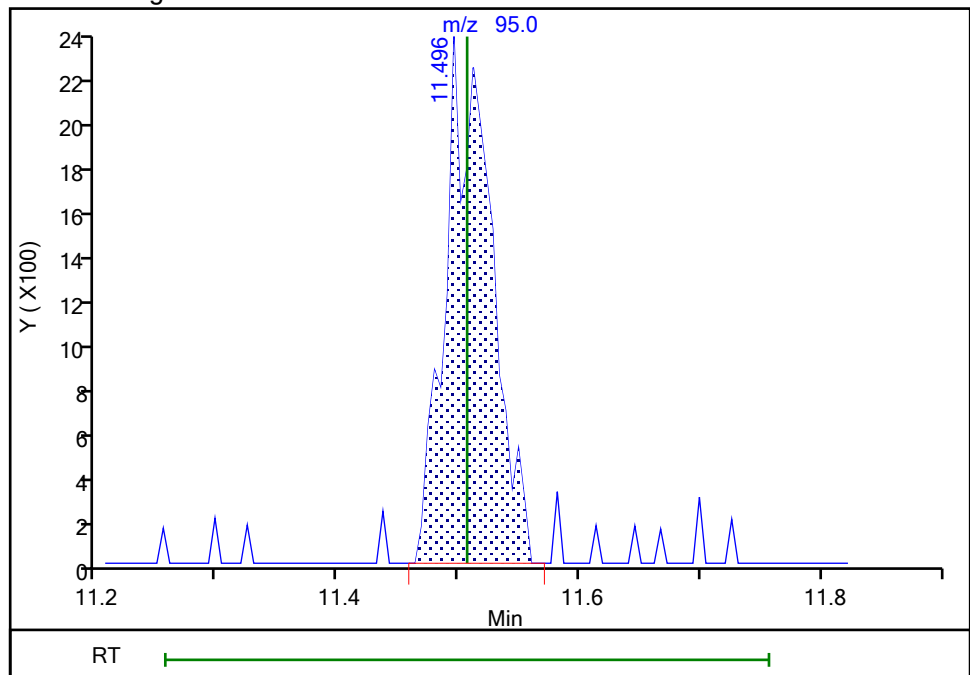
RT: 11.51  
Area: 4005  
Amount: 0.169785  
Amount Units: ppb v/v

## Processing Integration Results



RT: 11.50  
Area: 6149  
Amount: 0.222468  
Amount Units: ppb v/v

## Manual Integration Results



Reviewer: phamvu, 09-Dec-2020 18:20:43

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

## Eurofins TestAmerica, Burlington

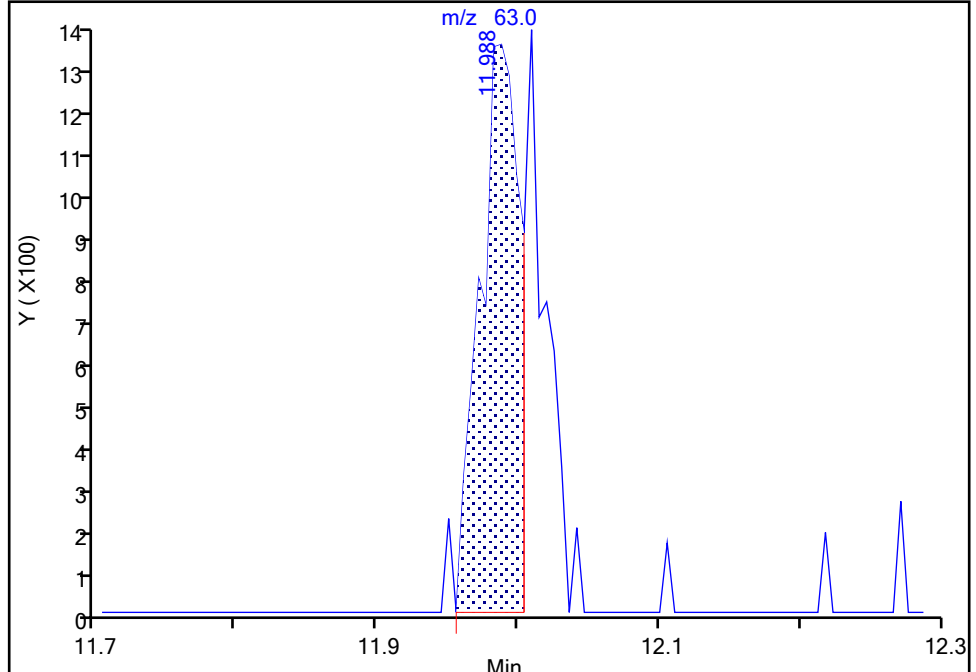
Data File: \\chromfs\Burlington\ChromData\CHG.i\20201209-43976.b\200-43976-003.D  
Injection Date: 09-Dec-2020 12:18:30 Instrument ID: CHG.i  
Lims ID: ic  
Client ID:  
Operator ID: ggg ALS Bottle#: 2 Worklist Smp#: 3  
Purge Vol: 200.000 mL Dil. Factor: 1.0000  
Method: TO15\_MasterMethod\_(v1)\_G Limit Group: AI\_TO15\_ICAL  
Column: RTX-624 ( 0.32 mm) Detector: MS SCAN

**54 1,2-Dichloropropane, CAS: 78-87-5**

Signal: 1

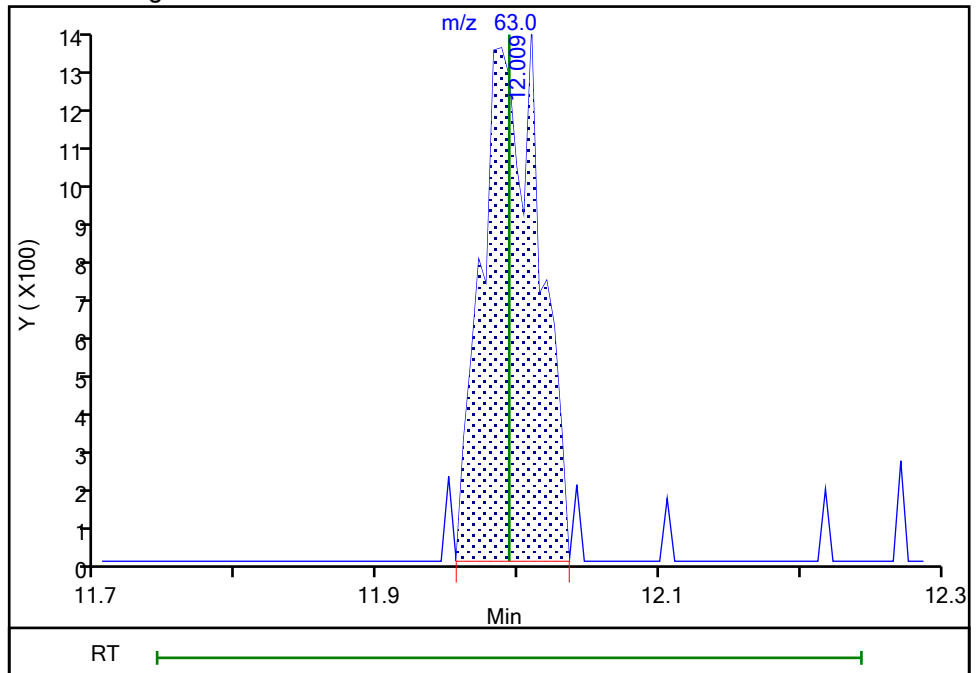
RT: 11.99  
Area: 2577  
Amount: 0.187035  
Amount Units: ppb v/v

## Processing Integration Results



RT: 12.01  
Area: 3756  
Amount: 0.231891  
Amount Units: ppb v/v

## Manual Integration Results



Reviewer: phamvu, 09-Dec-2020 18:20:51

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

## Eurofins TestAmerica, Burlington

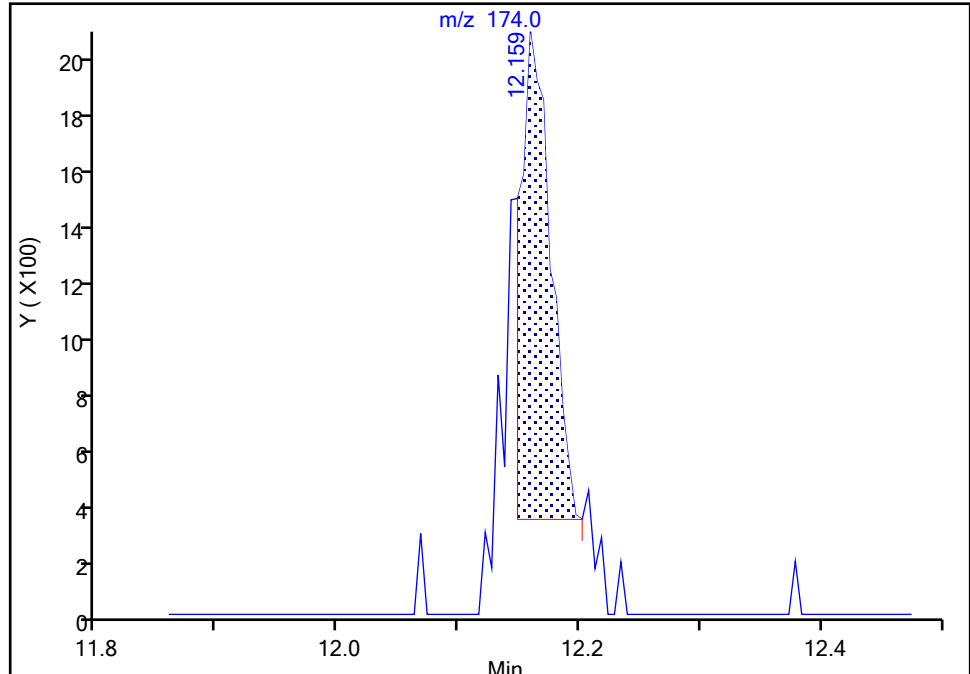
Data File: \\chromfs\Burlington\ChromData\CHG.i\20201209-43976.b\200-43976-003.D  
Injection Date: 09-Dec-2020 12:18:30 Instrument ID: CHG.i  
Lims ID: ic  
Client ID:  
Operator ID: ggg ALS Bottle#: 2 Worklist Smp#: 3  
Purge Vol: 200.000 mL Dil. Factor: 1.0000  
Method: TO15\_MasterMethod\_(v1)\_G Limit Group: AI\_TO15\_ICAL  
Column: RTX-624 ( 0.32 mm) Detector: MS SCAN

**57 Dibromomethane, CAS: 74-95-3**

Signal: 1

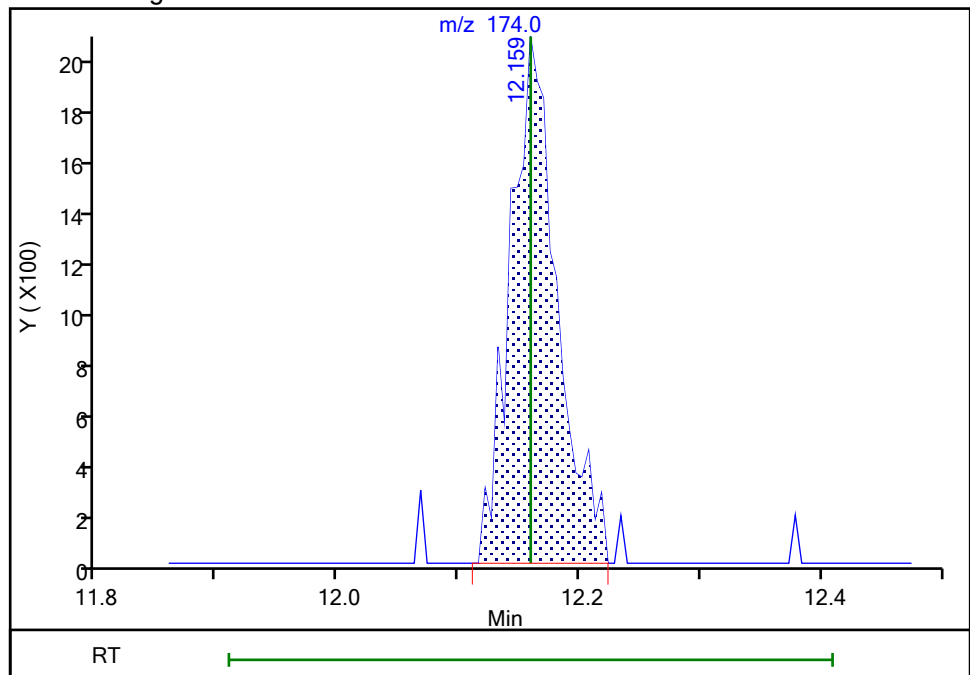
RT: 12.16  
Area: 2950  
Amount: 0.114764  
Amount Units: ppb v/v

## Processing Integration Results



RT: 12.16  
Area: 5420  
Amount: 0.196331  
Amount Units: ppb v/v

## Manual Integration Results



Reviewer: phamvu, 09-Dec-2020 18:21:04

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

## Eurofins TestAmerica, Burlington

Data File: \\chromfs\Burlington\ChromData\CHG.i\20201209-43976.b\200-43976-003.D

Injection Date: 09-Dec-2020 12:18:30

Instrument ID: CHG.i

Lims ID: ic

Client ID:

Operator ID: ggg

ALS Bottle#:

2

Worklist Smp#: 3

Purge Vol: 200.000 mL

Dil. Factor:

1.0000

Method: TO15\_MasterMethod\_(v1)\_G

Limit Group:

AI\_TO15\_ICAL

Column: RTX-624 ( 0.32 mm)

Detector

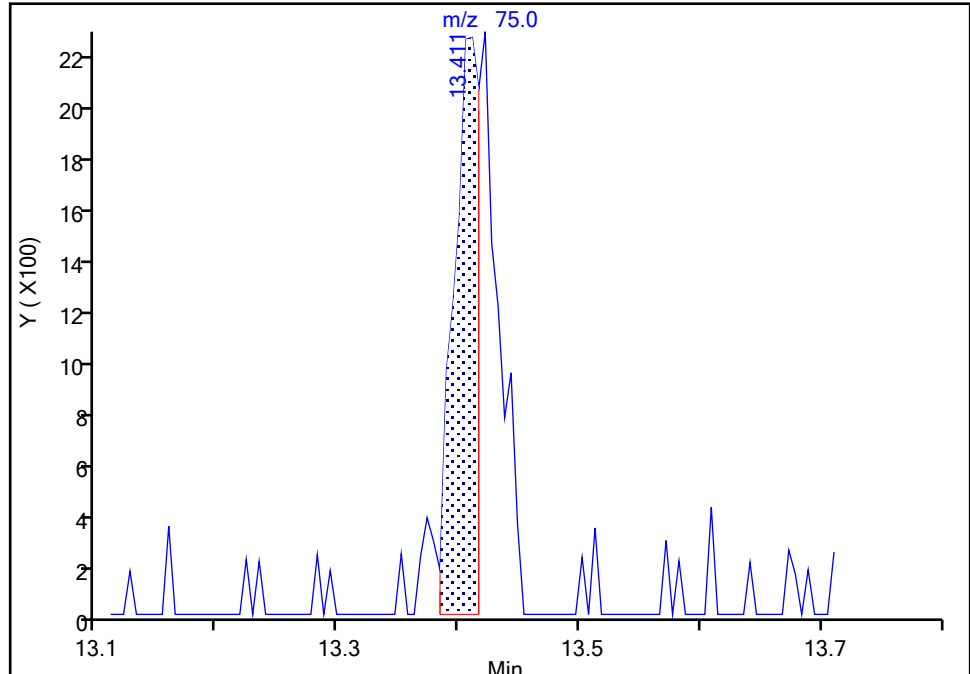
MS SCAN

**60 cis-1,3-Dichloropropene, CAS: 10061-01-5**

Signal: 1

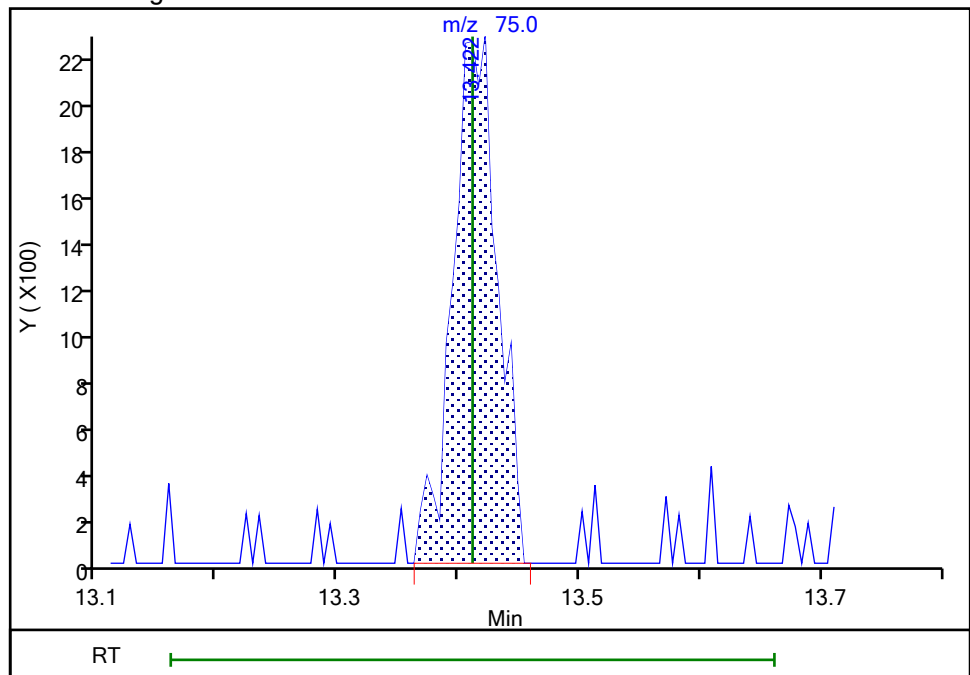
RT: 13.41  
Area: 3275  
Amount: 0.120659  
Amount Units: ppb v/v

## Processing Integration Results



RT: 13.42  
Area: 5748  
Amount: 0.198003  
Amount Units: ppb v/v

## Manual Integration Results



Reviewer: phamvu, 09-Dec-2020 18:21:12

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

## Eurofins TestAmerica, Burlington

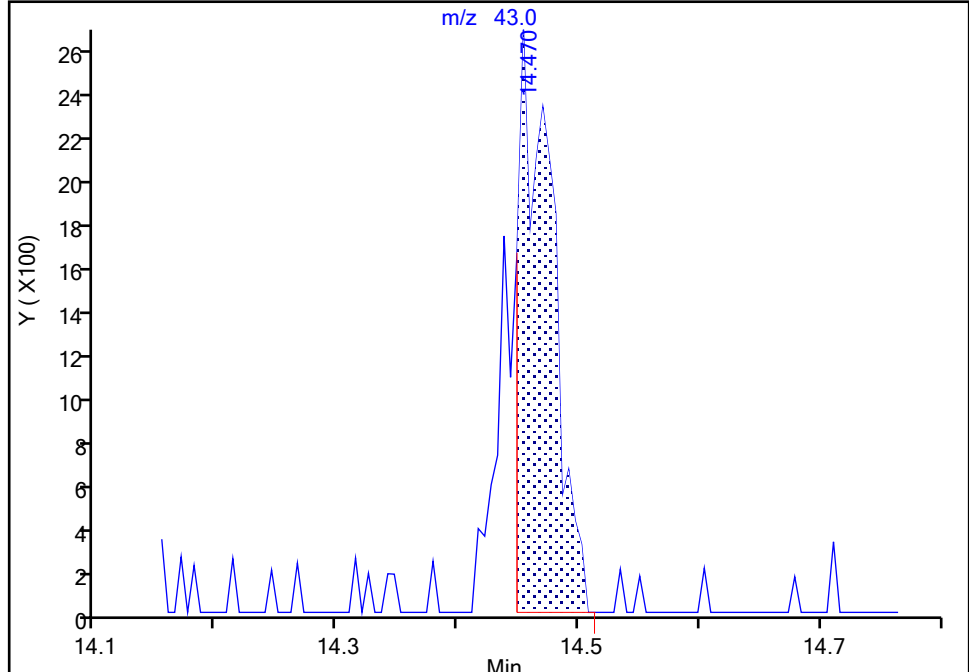
Data File: \\chromfs\Burlington\ChromData\CHG.i\20201209-43976.b\200-43976-003.D  
Injection Date: 09-Dec-2020 12:18:30 Instrument ID: CHG.i  
Lims ID: ic  
Client ID:  
Operator ID: ggg ALS Bottle#: 2 Worklist Smp#: 3  
Purge Vol: 200.000 mL Dil. Factor: 1.0000  
Method: TO15\_MasterMethod\_(v1)\_G Limit Group: AI\_TO15\_ICAL  
Column: RTX-624 ( 0.32 mm) Detector: MS SCAN

64 n-Octane, CAS: 111-65-9

Signal: 1

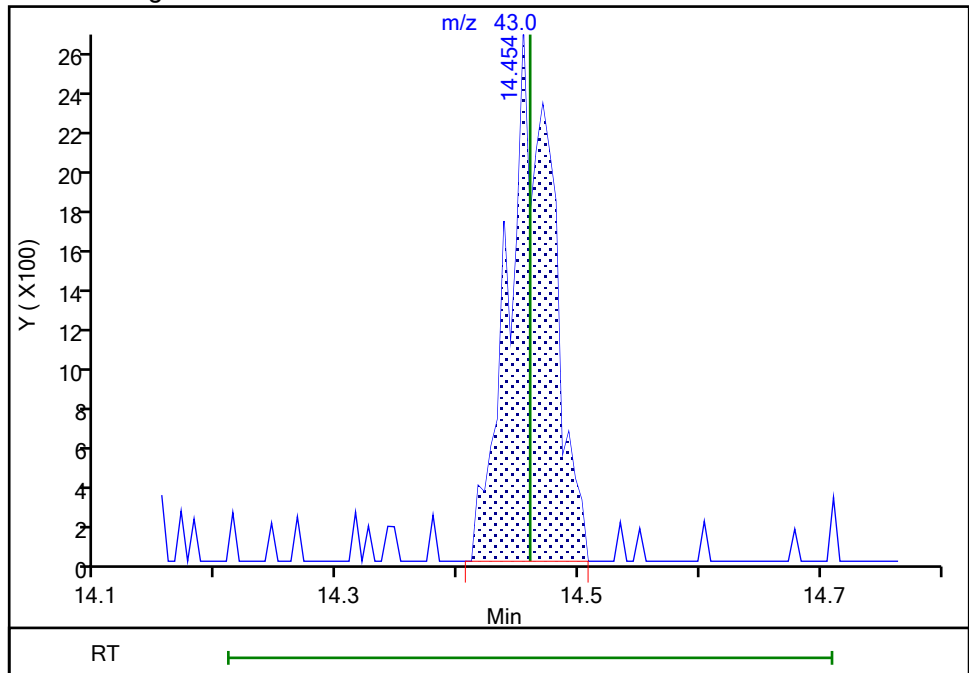
RT: 14.47  
Area: 5245  
Amount: 0.152458  
Amount Units: ppb v/v

## Processing Integration Results



RT: 14.45  
Area: 6808  
Amount: 0.191221  
Amount Units: ppb v/v

## Manual Integration Results



Reviewer: phamvu, 09-Dec-2020 18:21:21

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

## Eurofins TestAmerica, Burlington

Data File: \\chromfs\Burlington\ChromData\CHG.i\20201209-43976.b\200-43976-003.D

Injection Date: 09-Dec-2020 12:18:30

Instrument ID: CHG.i

Lims ID: ic

Client ID:

Operator ID: ggg

ALS Bottle#:

2

Worklist Smp#: 3

Purge Vol: 200.000 mL

Dil. Factor:

1.0000

Method: TO15\_MasterMethod\_(v1)\_G

Limit Group:

AI\_TO15\_ICAL

Column: RTX-624 ( 0.32 mm)

Detector

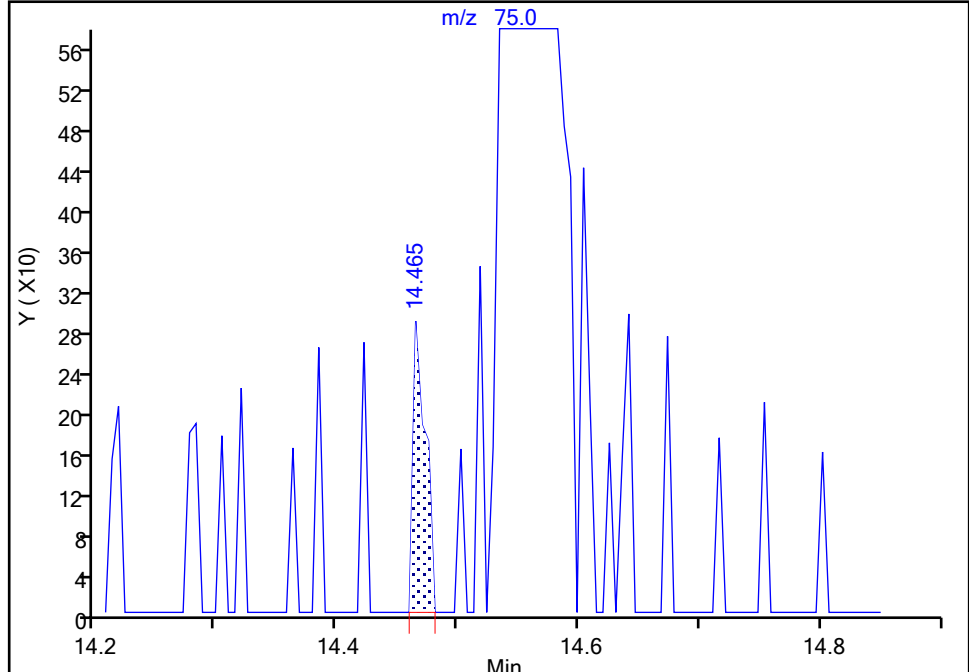
MS SCAN

**66 trans-1,3-Dichloropropene, CAS: 10061-02-6**

Signal: 1

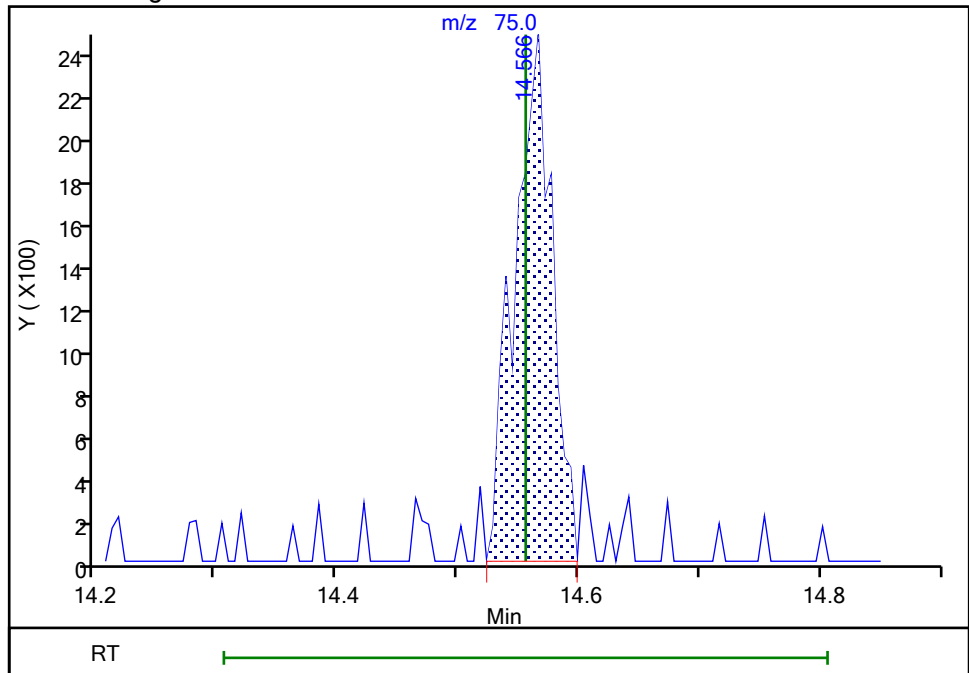
RT: 14.46  
Area: 206  
Amount: 0.009301  
Amount Units: ppb v/v

## Processing Integration Results



RT: 14.57  
Area: 5205  
Amount: 0.196243  
Amount Units: ppb v/v

## Manual Integration Results



Reviewer: phamvu, 09-Dec-2020 18:21:28

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration



## Eurofins TestAmerica, Burlington

Data File: \\chromfs\Burlington\ChromData\CHG.i\20201209-43976.b\200-43976-003.D

Injection Date: 09-Dec-2020 12:18:30

Instrument ID: CHG.i

Lims ID: ic

Client ID:

Operator ID: ggg

ALS Bottle#: 2

Worklist Smp#: 3

Purge Vol: 200.000 mL

Dil. Factor: 1.0000

Method: TO15\_MasterMethod\_(v1)\_G

Limit Group: AI\_TO15\_ICAL

Column: RTX-624 ( 0.32 mm)

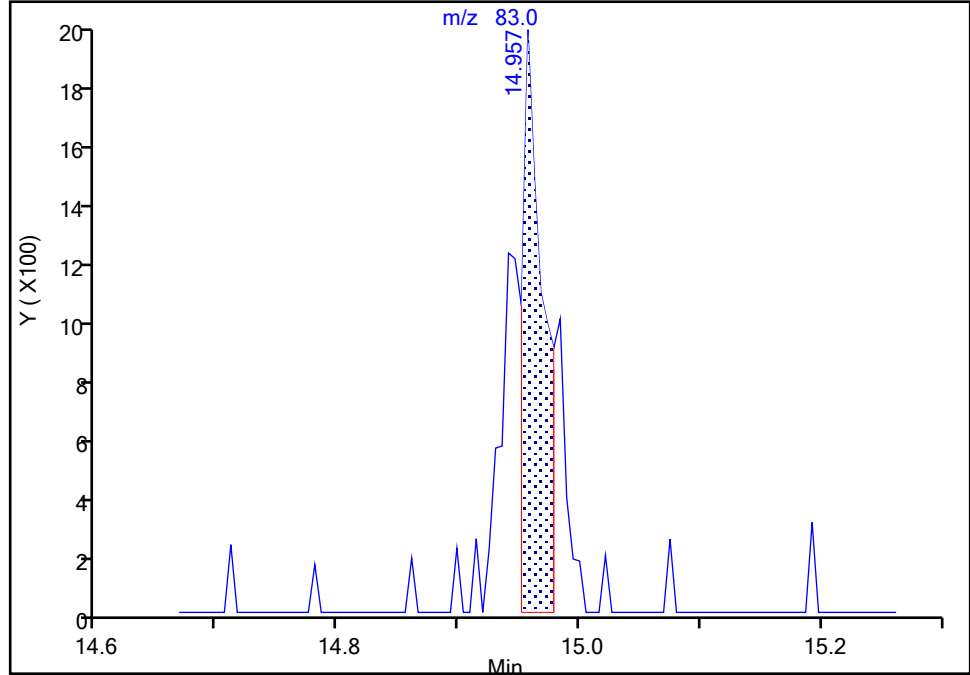
Detector: MS SCAN

**67 1,1,2-Trichloroethane, CAS: 79-00-5**

Signal: 1

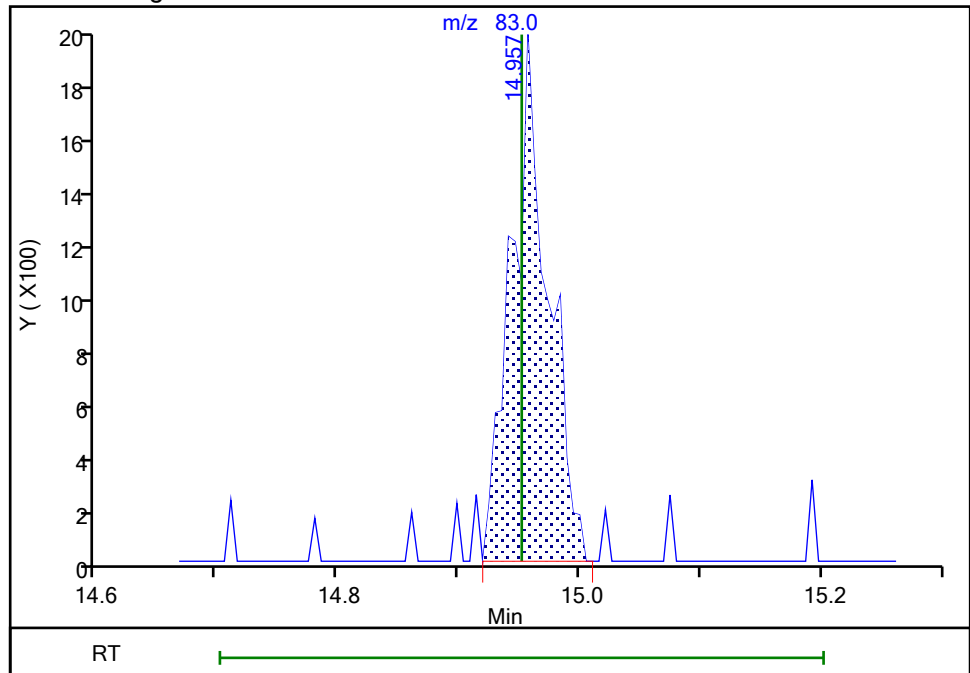
RT: 14.96  
Area: 2368  
Amount: 0.154367  
Amount Units: ppb v/v

## Processing Integration Results



RT: 14.96  
Area: 4112  
Amount: 0.228362  
Amount Units: ppb v/v

## Manual Integration Results



Reviewer: phamvu, 09-Dec-2020 18:21:35

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

## Eurofins TestAmerica, Burlington

Data File: \\chromfs\Burlington\ChromData\CHG.i\20201209-43976.b\200-43976-003.D

Injection Date: 09-Dec-2020 12:18:30

Instrument ID: CHG.i

Lims ID: ic

Client ID:

Operator ID: ggg

ALS Bottle#:

2

Worklist Smp#: 3

Purge Vol: 200.000 mL

Dil. Factor: 1.0000

Method: TO15\_MasterMethod\_(v1)\_G

Limit Group: AI\_TO15\_ICAL

Column: RTX-624 ( 0.32 mm)

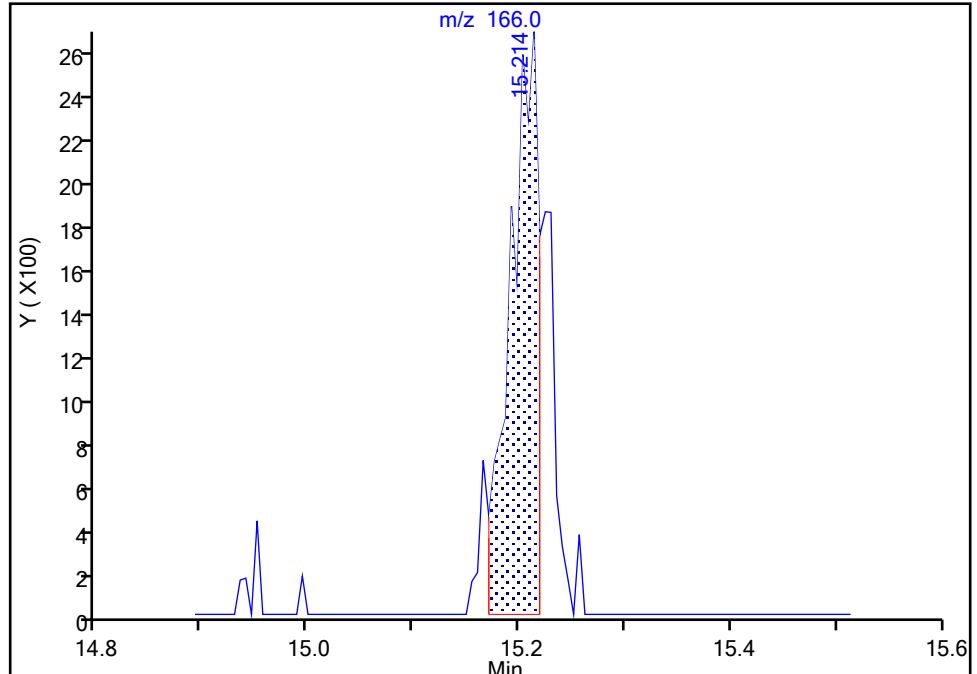
Detector: MS SCAN

**68 Tetrachloroethene, CAS: 127-18-4**

Signal: 1

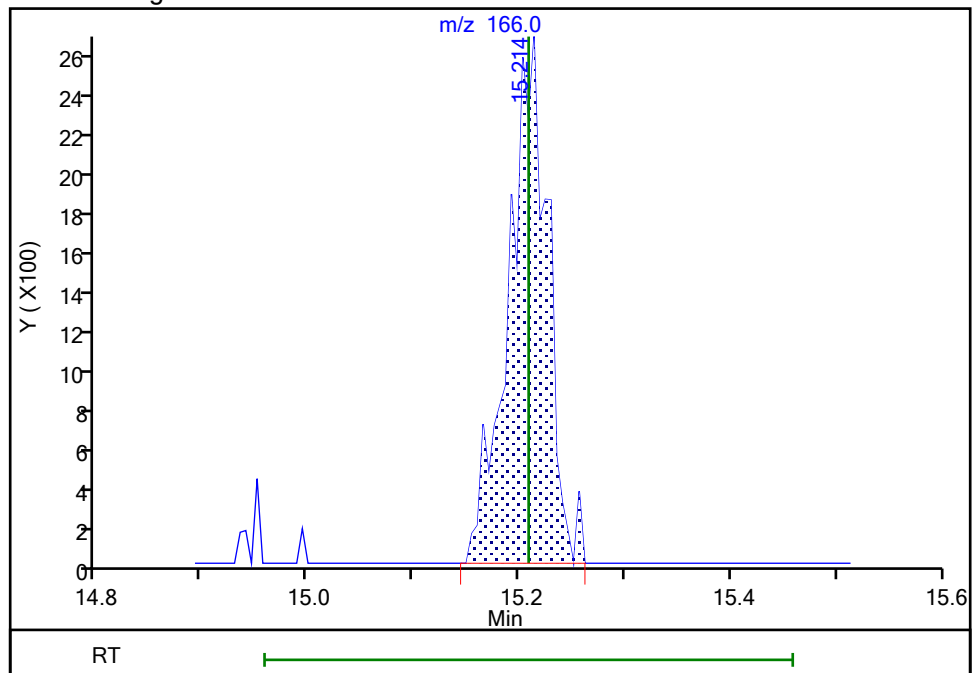
RT: 15.21  
Area: 4913  
Amount: 0.142856  
Amount Units: ppb v/v

## Processing Integration Results



RT: 15.21  
Area: 6864  
Amount: 0.191038  
Amount Units: ppb v/v

## Manual Integration Results



Reviewer: phamvu, 09-Dec-2020 18:21:42

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

## Eurofins TestAmerica, Burlington

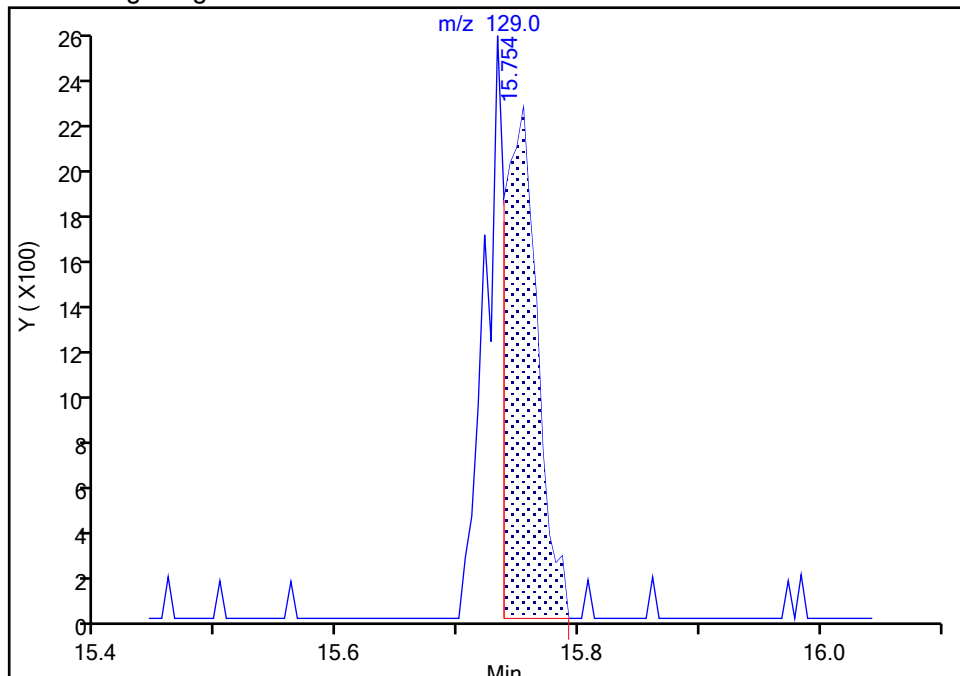
Data File: \\chromfs\Burlington\ChromData\CHG.i\20201209-43976.b\200-43976-003.D  
Injection Date: 09-Dec-2020 12:18:30 Instrument ID: CHG.i  
Lims ID: ic  
Client ID:  
Operator ID: ggg ALS Bottle#: 2 Worklist Smp#: 3  
Purge Vol: 200.000 mL Dil. Factor: 1.0000  
Method: TO15\_MasterMethod\_(v1)\_G Limit Group: AI\_TO15\_ICAL  
Column: RTX-624 ( 0.32 mm) Detector: MS SCAN

**71 Chlorodibromomethane, CAS: 124-48-1**

Signal: 1

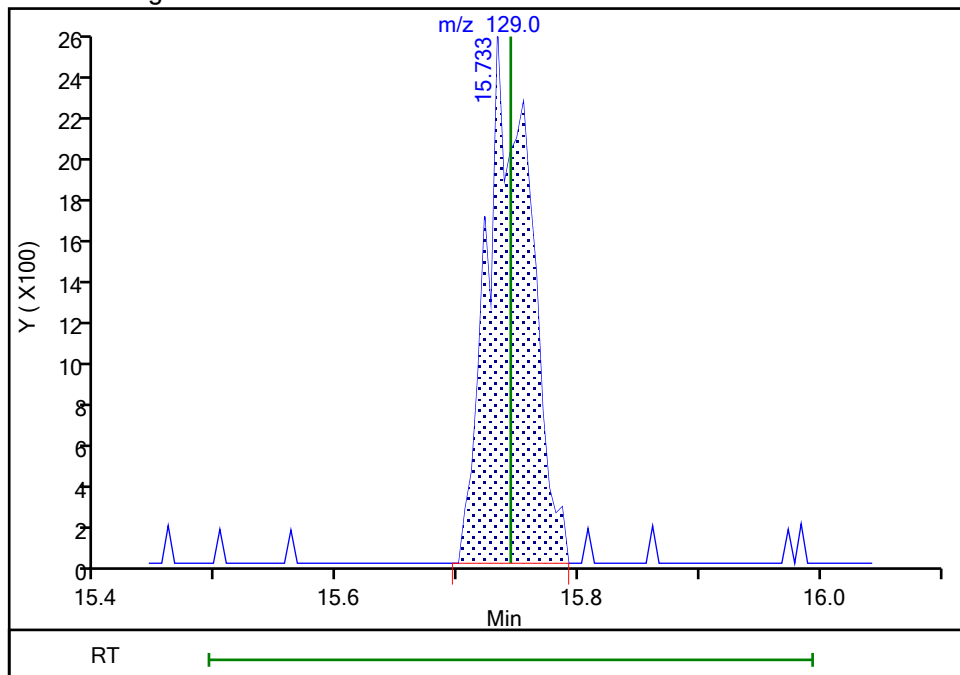
RT: 15.75  
Area: 4169  
Amount: 0.099523  
Amount Units: ppb v/v

## Processing Integration Results



RT: 15.73  
Area: 6455  
Amount: 0.136911  
Amount Units: ppb v/v

## Manual Integration Results



Reviewer: phamvu, 09-Dec-2020 18:21:50

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

## Eurofins TestAmerica, Burlington

Data File: \\chromfs\Burlington\ChromData\CHG.i\20201209-43976.b\200-43976-003.D

Injection Date: 09-Dec-2020 12:18:30

Instrument ID: CHG.i

Lims ID: ic

Client ID:

Operator ID: ggg

ALS Bottle#: 2

Worklist Smp#: 3

Purge Vol: 200.000 mL

Dil. Factor: 1.0000

Method: TO15\_MasterMethod\_(v1)\_G

Limit Group: AI\_TO15\_ICAL

Column: RTX-624 ( 0.32 mm)

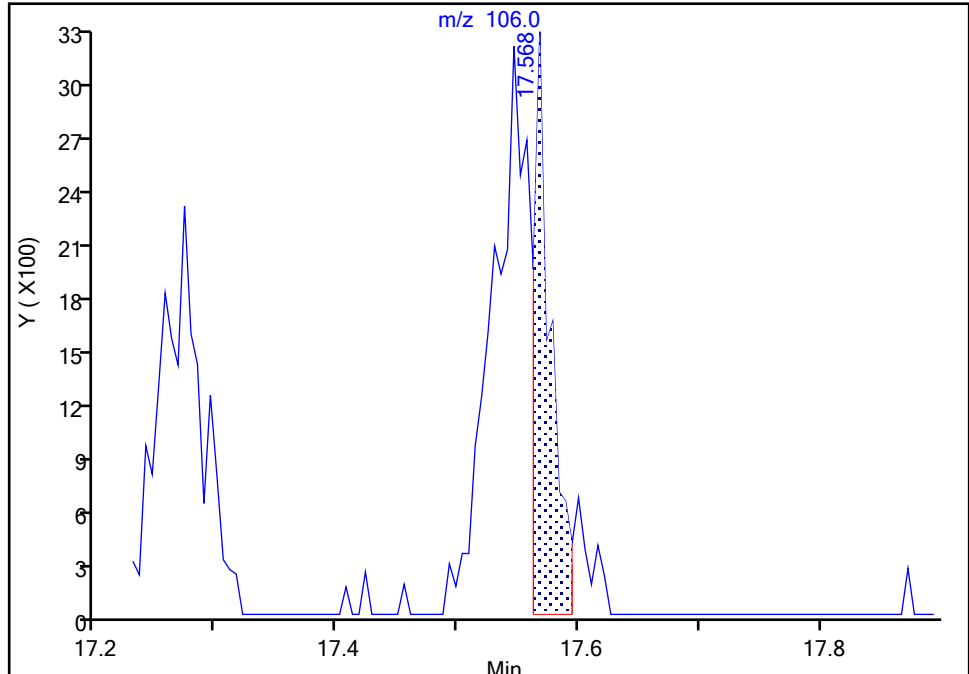
Detector: MS SCAN

**78 m-Xylene & p-Xylene, CAS: 179601-23-1**

Signal: 1

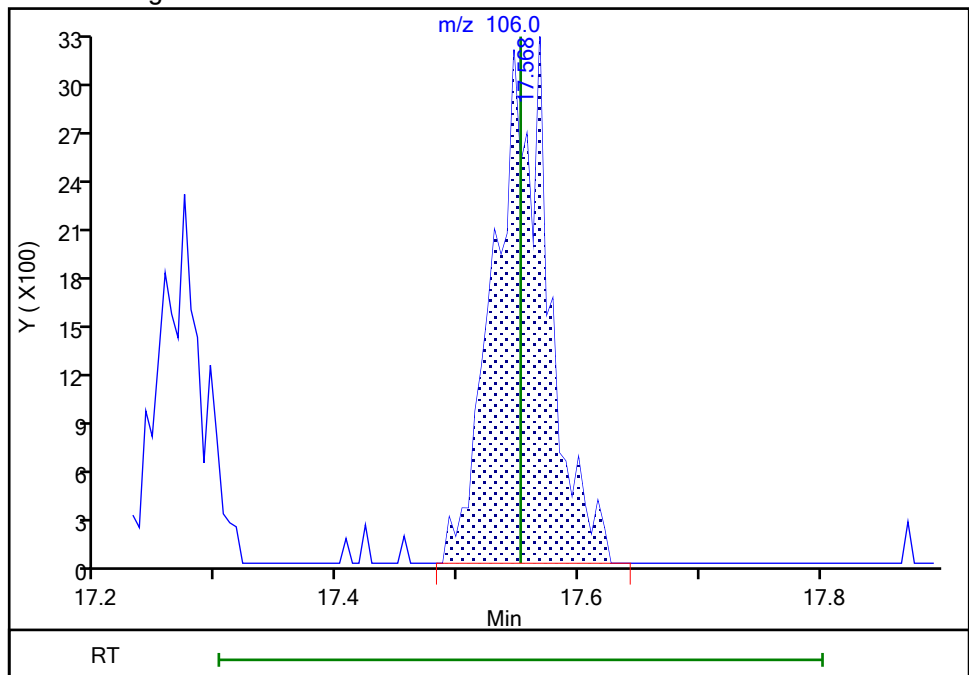
RT: 17.57  
Area: 3209  
Amount: 0.145382  
Amount Units: ppb v/v

## Processing Integration Results



RT: 17.57  
Area: 9889  
Amount: 0.368729  
Amount Units: ppb v/v

## Manual Integration Results



Reviewer: phamvu, 09-Dec-2020 18:22:00

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

## Eurofins TestAmerica, Burlington

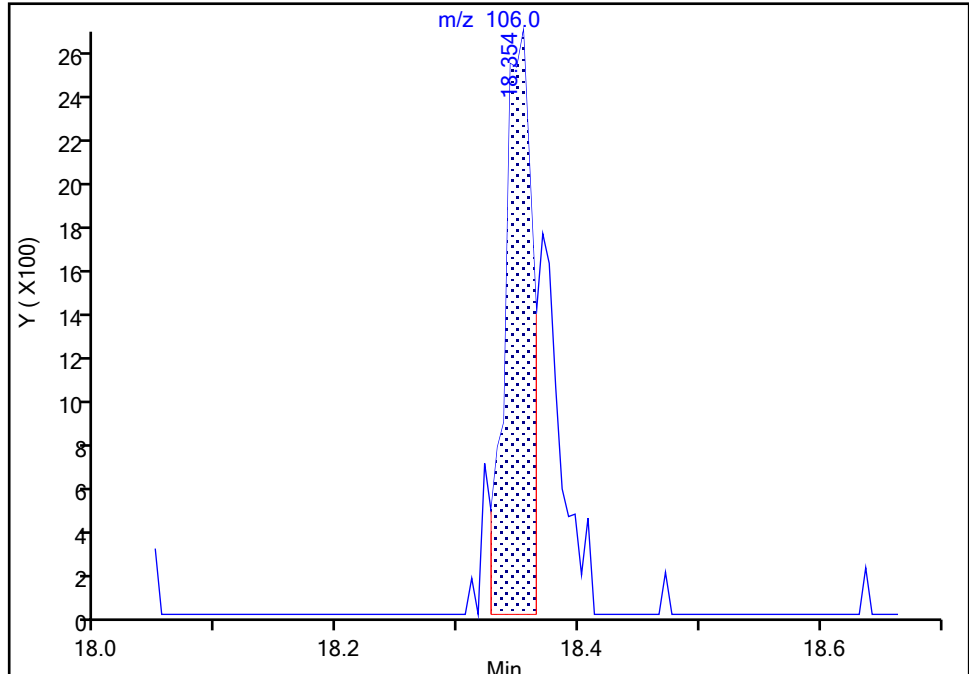
Data File: \\chromfs\Burlington\ChromData\CHG.i\20201209-43976.b\200-43976-003.D  
Injection Date: 09-Dec-2020 12:18:30 Instrument ID: CHG.i  
Lims ID: ic  
Client ID:  
Operator ID: ggg ALS Bottle#: 2 Worklist Smp#: 3  
Purge Vol: 200.000 mL Dil. Factor: 1.0000  
Method: TO15\_MasterMethod\_(v1)\_G Limit Group: AI\_TO15\_ICAL  
Column: RTX-624 ( 0.32 mm) Detector: MS SCAN

**79 o-Xylene, CAS: 95-47-6**

Signal: 1

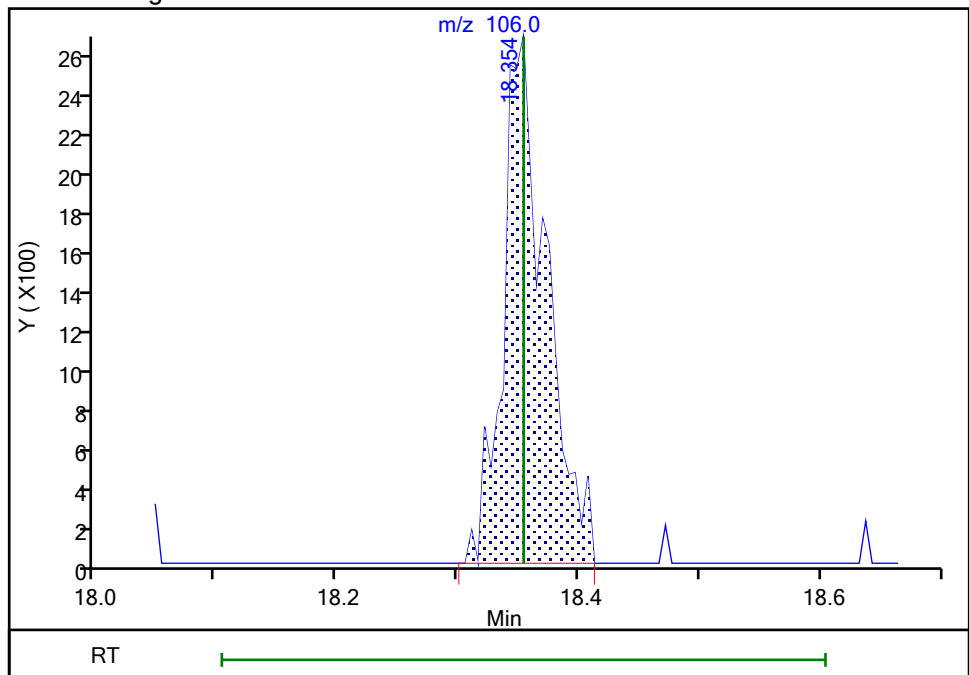
RT: 18.35  
Area: 4247  
Amount: 0.177336  
Amount Units: ppb v/v

## Processing Integration Results



RT: 18.35  
Area: 6612  
Amount: 0.239618  
Amount Units: ppb v/v

## Manual Integration Results



Reviewer: phamvu, 09-Dec-2020 18:22:08

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

## Eurofins TestAmerica, Burlington

Data File: \\chromfs\Burlington\ChromData\CHG.i\20201209-43976.b\200-43976-003.D

Injection Date: 09-Dec-2020 12:18:30

Instrument ID: CHG.i

Lims ID: ic

Client ID:

Operator ID: ggg

ALS Bottle#:

2

Worklist Smp#: 3

Purge Vol: 200.000 mL

Dil. Factor: 1.0000

Method: TO15\_MasterMethod\_(v1)\_G

Limit Group: AI\_TO15\_ICAL

Column: RTX-624 ( 0.32 mm)

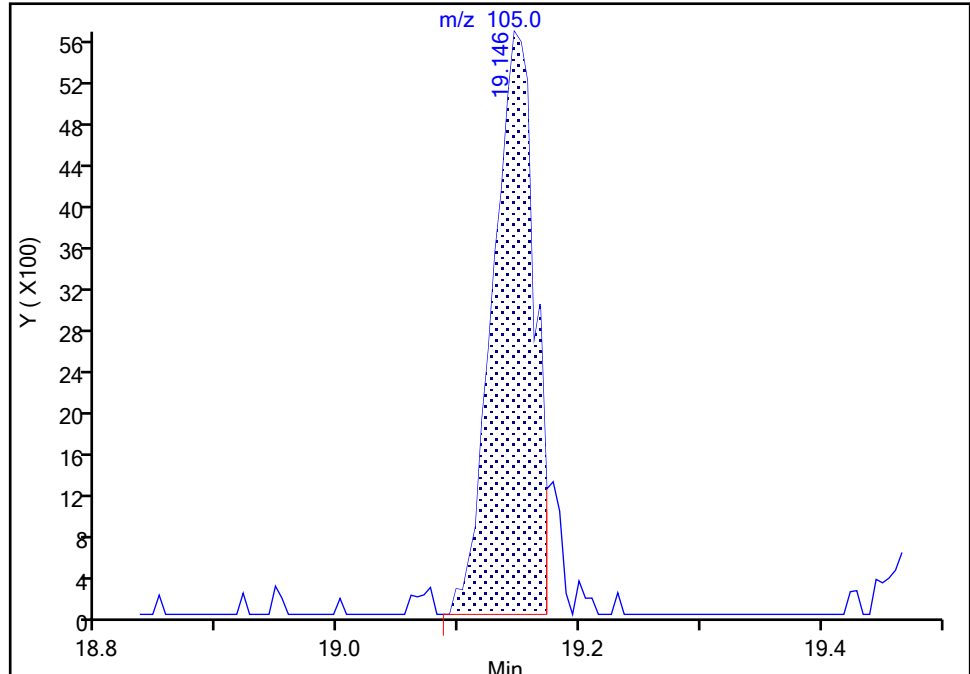
Detector: MS SCAN

**82 Isopropylbenzene, CAS: 98-82-8**

Signal: 1

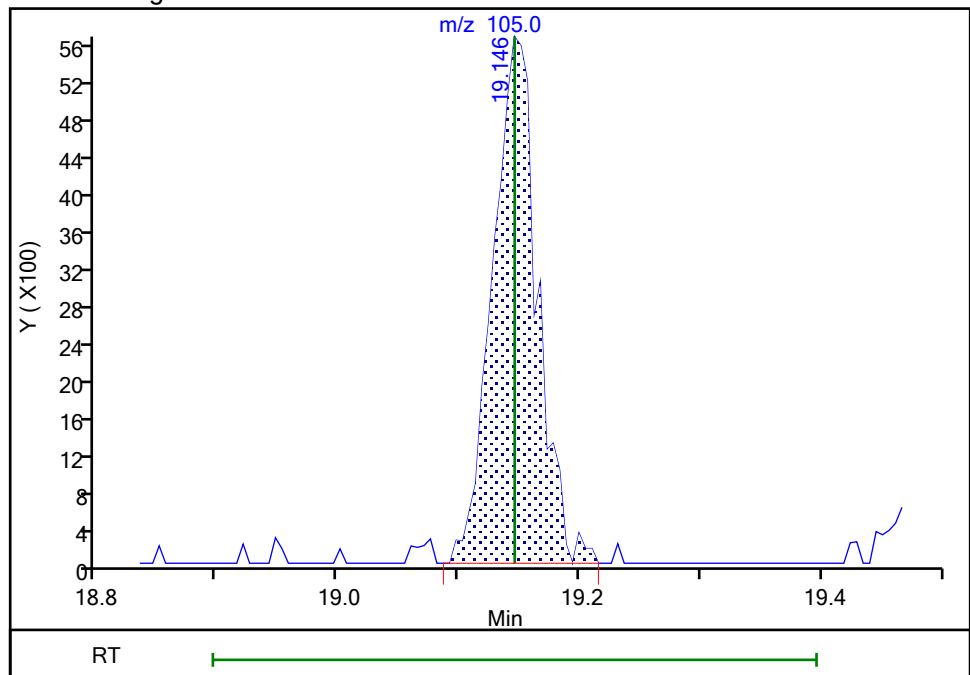
RT: 19.15  
Area: 13644  
Amount: 0.182373  
Amount Units: ppb v/v

## Processing Integration Results



RT: 19.15  
Area: 14656  
Amount: 0.193906  
Amount Units: ppb v/v

## Manual Integration Results



Reviewer: phamvu, 09-Dec-2020 18:22:16

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

## Eurofins TestAmerica, Burlington

Data File: \\chromfs\Burlington\ChromData\CHG.i\20201209-43976.b\200-43976-003.D

Injection Date: 09-Dec-2020 12:18:30

Instrument ID: CHG.i

Lims ID: ic

Client ID:

Operator ID: ggg

ALS Bottle#:

2

Worklist Smp#: 3

Purge Vol: 200.000 mL

Dil. Factor:

1.0000

Method: TO15\_MasterMethod\_(v1)\_G

Limit Group:

AI\_TO15\_ICAL

Column: RTX-624 ( 0.32 mm)

Detector

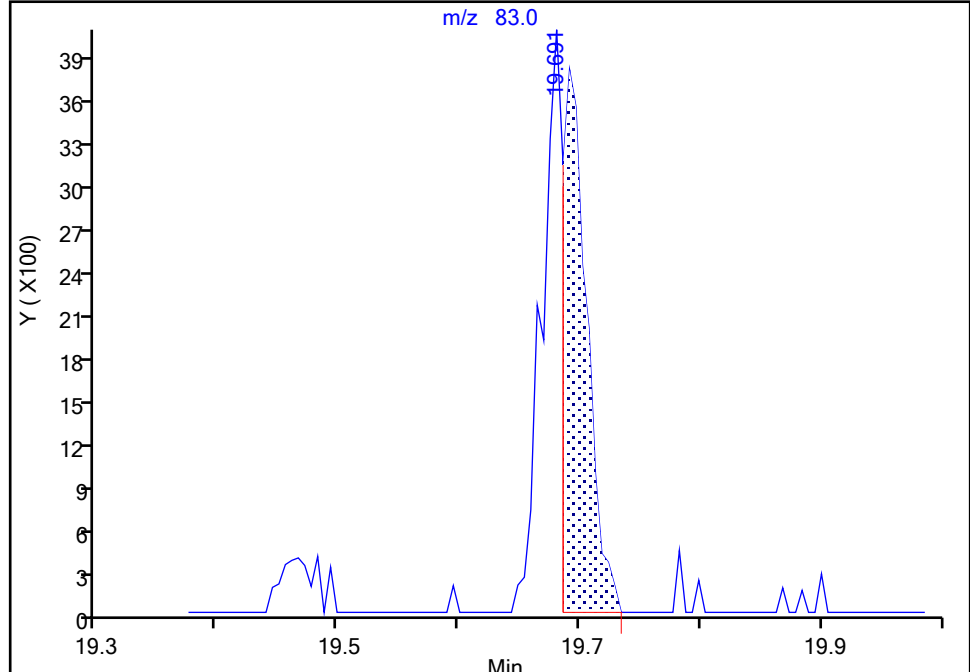
MS SCAN

**84 1,1,2,2-Tetrachloroethane, CAS: 79-34-5**

Signal: 1

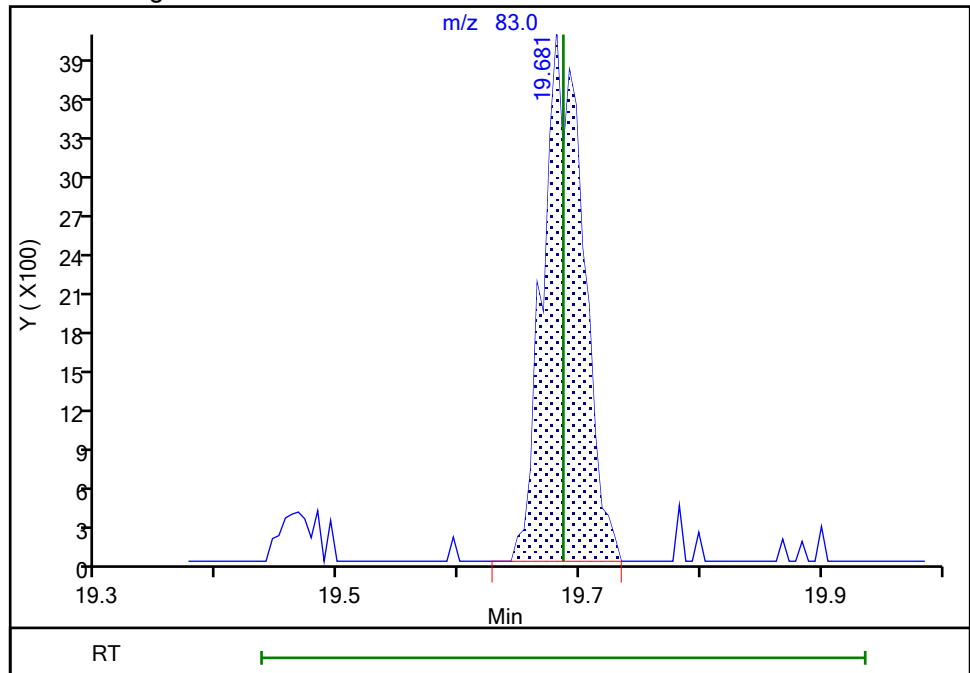
RT: 19.69  
Area: 5307  
Amount: 0.136896  
Amount Units: ppb v/v

## Processing Integration Results



RT: 19.68  
Area: 9287  
Amount: 0.222077  
Amount Units: ppb v/v

## Manual Integration Results



Reviewer: phamvu, 09-Dec-2020 18:22:23

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

## Eurofins TestAmerica, Burlington

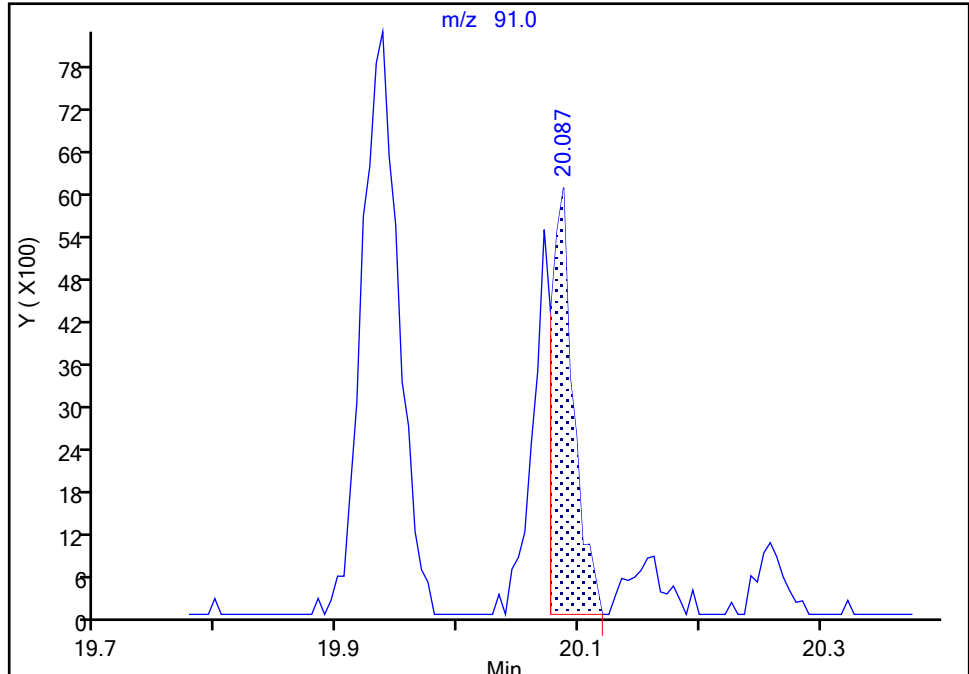
Data File: \\chromfs\Burlington\ChromData\CHG.i\20201209-43976.b\200-43976-003.D  
Injection Date: 09-Dec-2020 12:18:30 Instrument ID: CHG.i  
Lims ID: ic  
Client ID:  
Operator ID: ggg ALS Bottle#: 2 Worklist Smp#: 3  
Purge Vol: 200.000 mL Dil. Factor: 1.0000  
Method: TO15\_MasterMethod\_(v1)\_G Limit Group: AI\_TO15\_ICAL  
Column: RTX-624 ( 0.32 mm) Detector: MS SCAN

**89 2-Chlorotoluene, CAS: 95-49-8**

Signal: 1

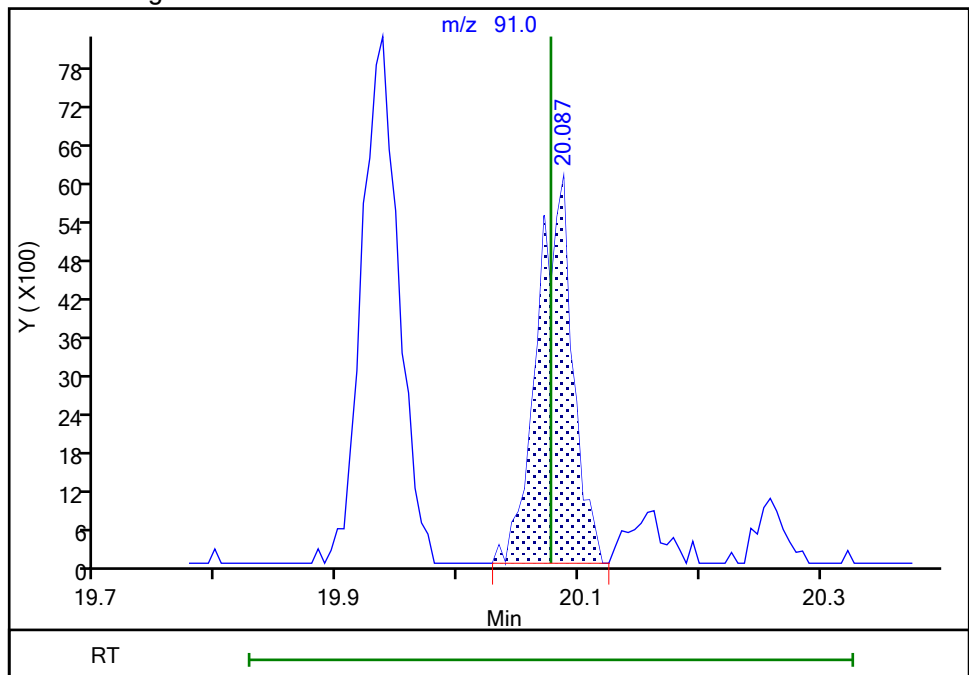
RT: 20.09  
Area: 7735  
Amount: 0.134475  
Amount Units: ppb v/v

## Processing Integration Results



RT: 20.09  
Area: 12297  
Amount: 0.201641  
Amount Units: ppb v/v

## Manual Integration Results



Reviewer: phamvu, 09-Dec-2020 18:22:35

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration



## Eurofins TestAmerica, Burlington

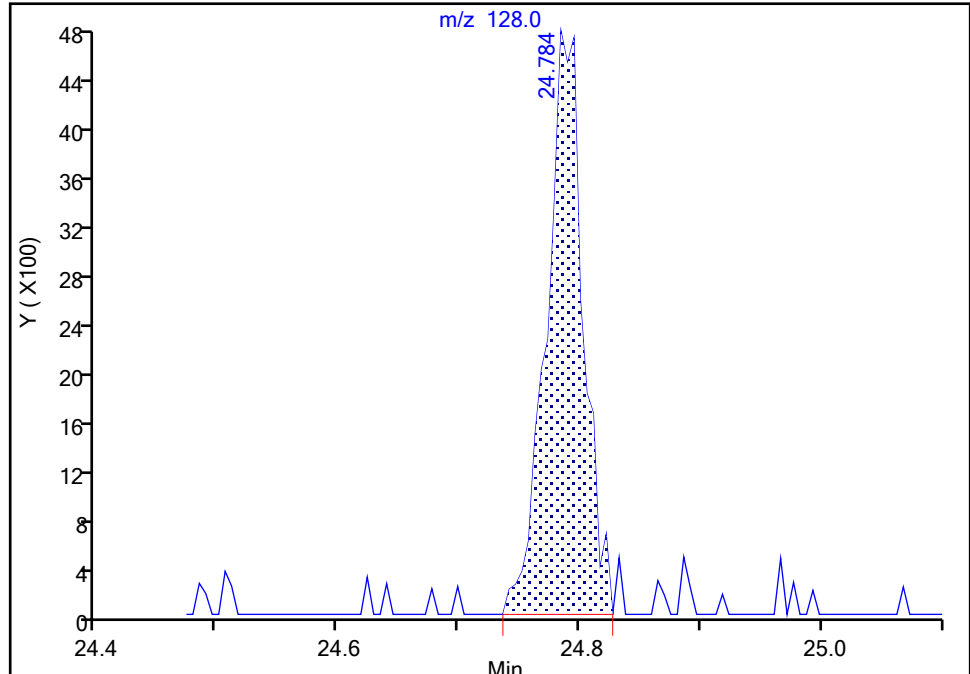
Data File: \\chromfs\Burlington\ChromData\CHG.i\20201209-43976.b\200-43976-003.D  
Injection Date: 09-Dec-2020 12:18:30 Instrument ID: CHG.i  
Lims ID: ic  
Client ID:  
Operator ID: ggg ALS Bottle#: 2 Worklist Smp#: 3  
Purge Vol: 200.000 mL Dil. Factor: 1.0000  
Method: TO15\_MasterMethod\_(v1)\_G Limit Group: AI\_TO15\_ICAL  
Column: RTX-624 ( 0.32 mm) Detector: MS SCAN

**105 Naphthalene, CAS: 91-20-3**

Signal: 1

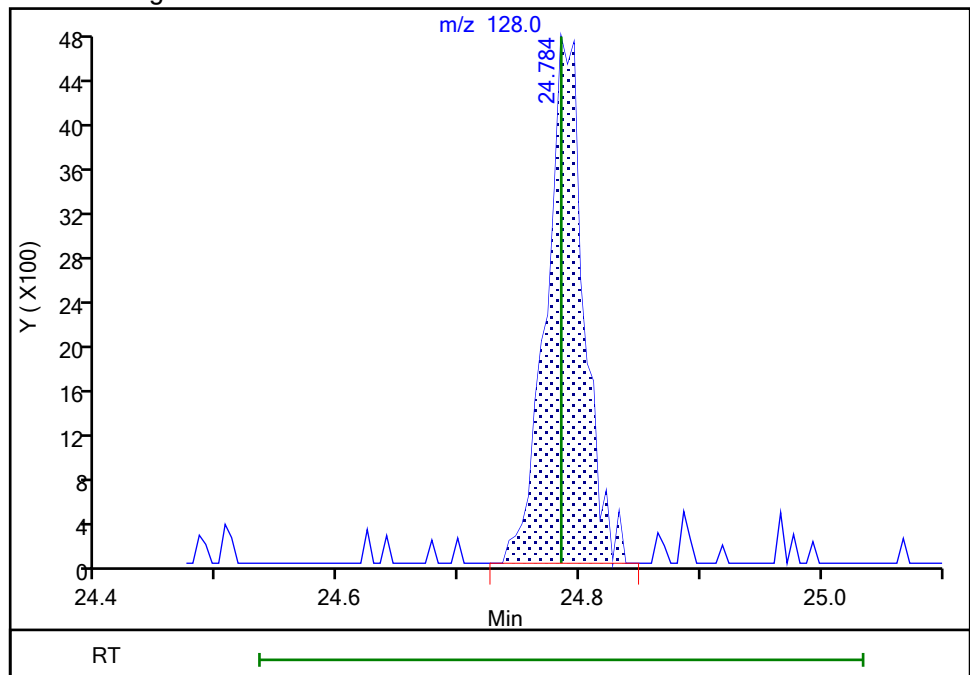
RT: 24.78  
Area: 10096  
Amount: 0.144942  
Amount Units: ppb v/v

## Processing Integration Results



RT: 24.78  
Area: 10244  
Amount: 0.142961  
Amount Units: ppb v/v

## Manual Integration Results



Reviewer: phamvu, 09-Dec-2020 18:22:56

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

## Eurofins TestAmerica, Burlington

Data File: \\chromfs\Burlington\ChromData\CHG.i\20201209-43976.b\200-43976-003.D

Injection Date: 09-Dec-2020 12:18:30

Instrument ID: CHG.i

Lims ID: ic

Client ID:

Operator ID: ggg

ALS Bottle#: 2

Worklist Smp#: 3

Purge Vol: 200.000 mL

Dil. Factor: 1.0000

Method: TO15\_MasterMethod\_(v1)\_G

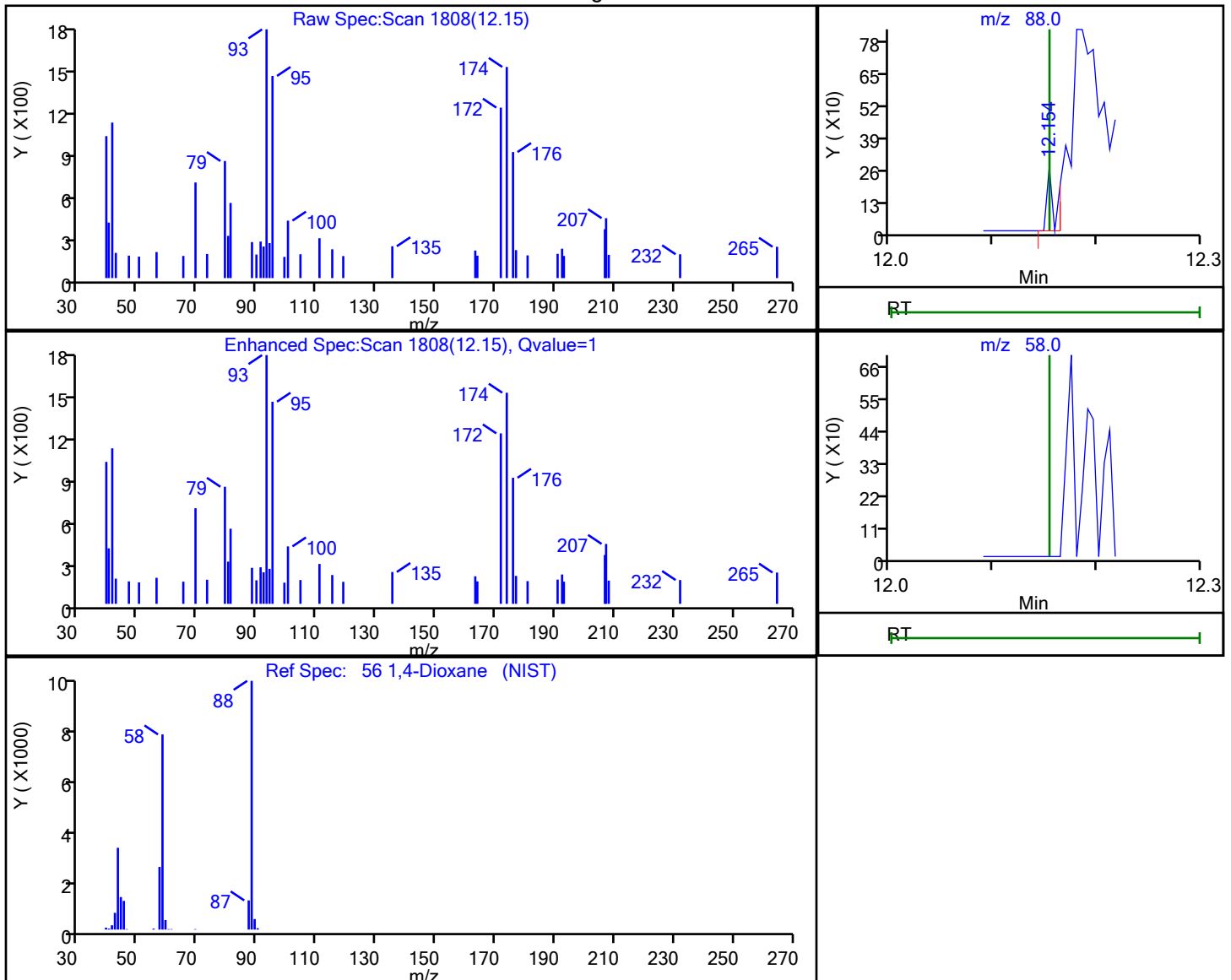
Limit Group: AI\_TO15\_ICAL

Column: RTX-624 ( 0.32 mm)

Detector: MS SCAN

## 56 1,4-Dioxane, CAS: 123-91-1

## Processing Results



| RT    | Mass  | Response | Amount   |
|-------|-------|----------|----------|
| 12.15 | 88.00 | 145      | 0.018510 |
| 12.15 | 58.00 | 0        |          |

Reviewer: phamvu, 09-Dec-2020 18:20:58

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

## Eurofins TestAmerica, Burlington

Data File: \\chromfs\Burlington\ChromData\CHG.i\20201209-43976.b\200-43976-003.D

Injection Date: 09-Dec-2020 12:18:30

Instrument ID: CHG.i

Lims ID: ic

Client ID:

Operator ID: ggg

ALS Bottle#:

2

Worklist Smp#: 3

Purge Vol: 200.000 mL

Dil. Factor:

1.0000

Method: TO15\_MasterMethod\_(v1)\_G

Limit Group:

AI\_TO15\_ICAL

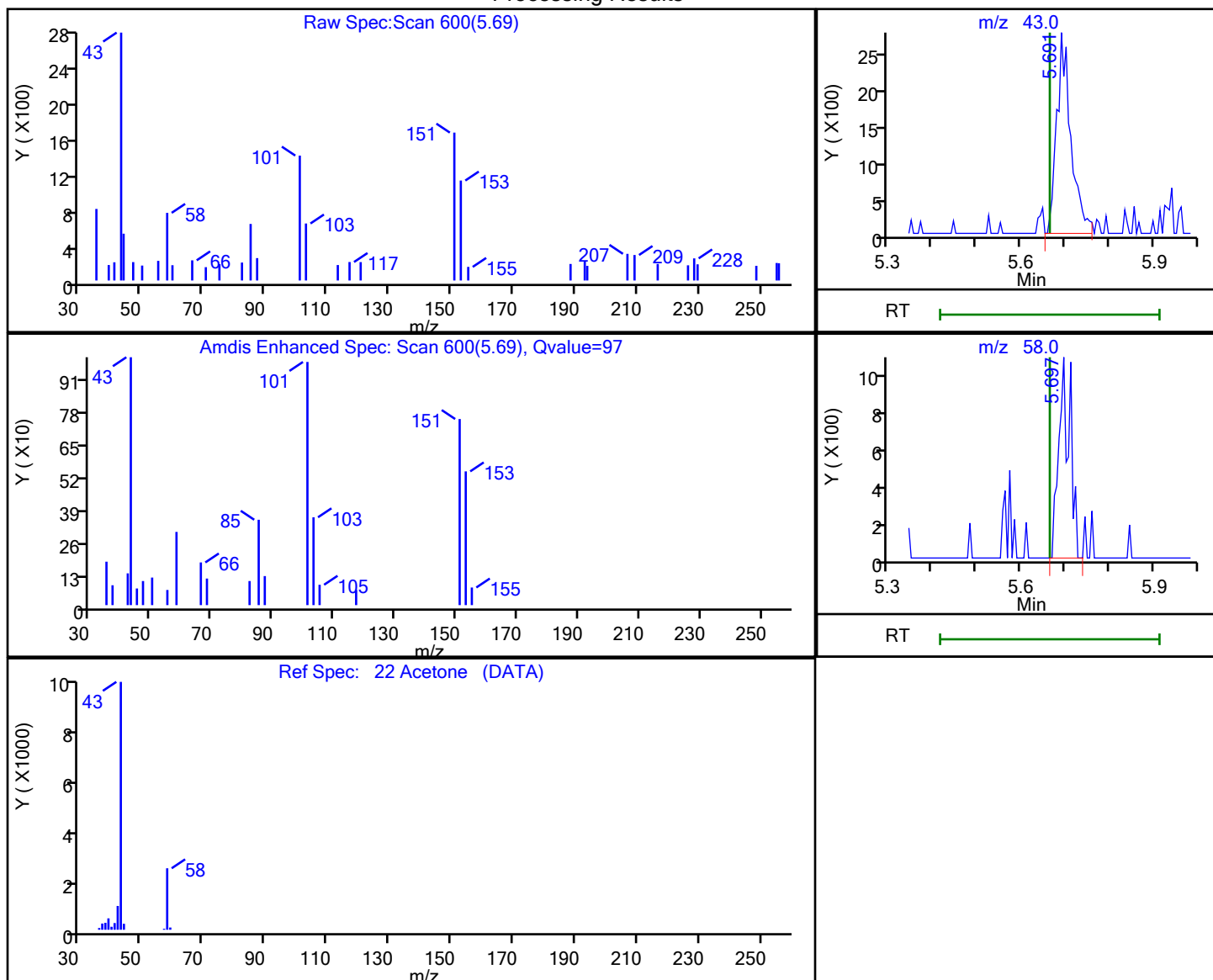
Column: RTX-624 ( 0.32 mm)

Detector

MS SCAN

## 22 Acetone, CAS: 67-64-1

## Processing Results



| RT   | Mass  | Response | Amount   |
|------|-------|----------|----------|
| 5.69 | 43.00 | 6239     | 0.369793 |
| 5.70 | 58.00 | 1825     |          |

Reviewer: phamvu, 09-Dec-2020 18:18:12

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

## Eurofins TestAmerica, Burlington

Data File: \\chromfs\Burlington\ChromData\CHG.i\20201209-43976.b\200-43976-003.D

Injection Date: 09-Dec-2020 12:18:30

Instrument ID: CHG.i

Lims ID: ic

Client ID:

Operator ID: ggg

ALS Bottle#:

2

Worklist Smp#: 3

Purge Vol: 200.000 mL

Dil. Factor:

1.0000

Method: TO15\_MasterMethod\_(v1)\_G

Limit Group:

AI\_TO15\_ICAL

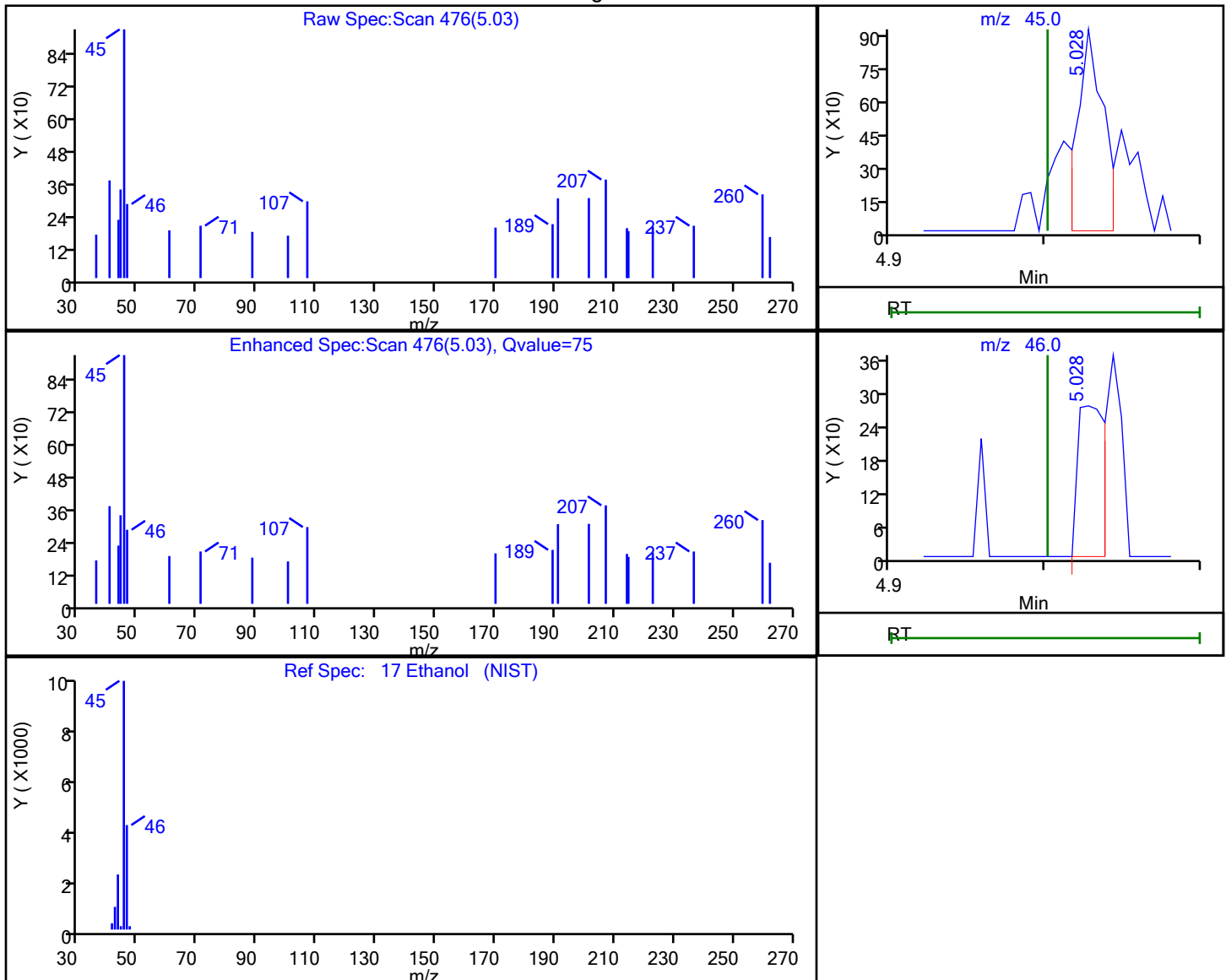
Column: RTX-624 ( 0.32 mm)

Detector

MS SCAN

## 17 Ethanol, CAS: 64-17-5

## Processing Results



| RT   | Mass  | Response | Amount   |
|------|-------|----------|----------|
| 5.03 | 45.00 | 1083     | 0.330234 |
| 5.03 | 46.00 | 342      |          |

Reviewer: phamvu, 09-Dec-2020 18:18:03

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

## Eurofins TestAmerica, Burlington

Data File: \\chromfs\Burlington\ChromData\CHG.i\20201209-43976.b\200-43976-003.D

Injection Date: 09-Dec-2020 12:18:30

Instrument ID: CHG.i

Lims ID: ic

Client ID:

Operator ID: ggg

ALS Bottle#: 2

Worklist Smp#: 3

Purge Vol: 200.000 mL

Dil. Factor: 1.0000

Method: TO15\_MasterMethod\_(v1)\_G

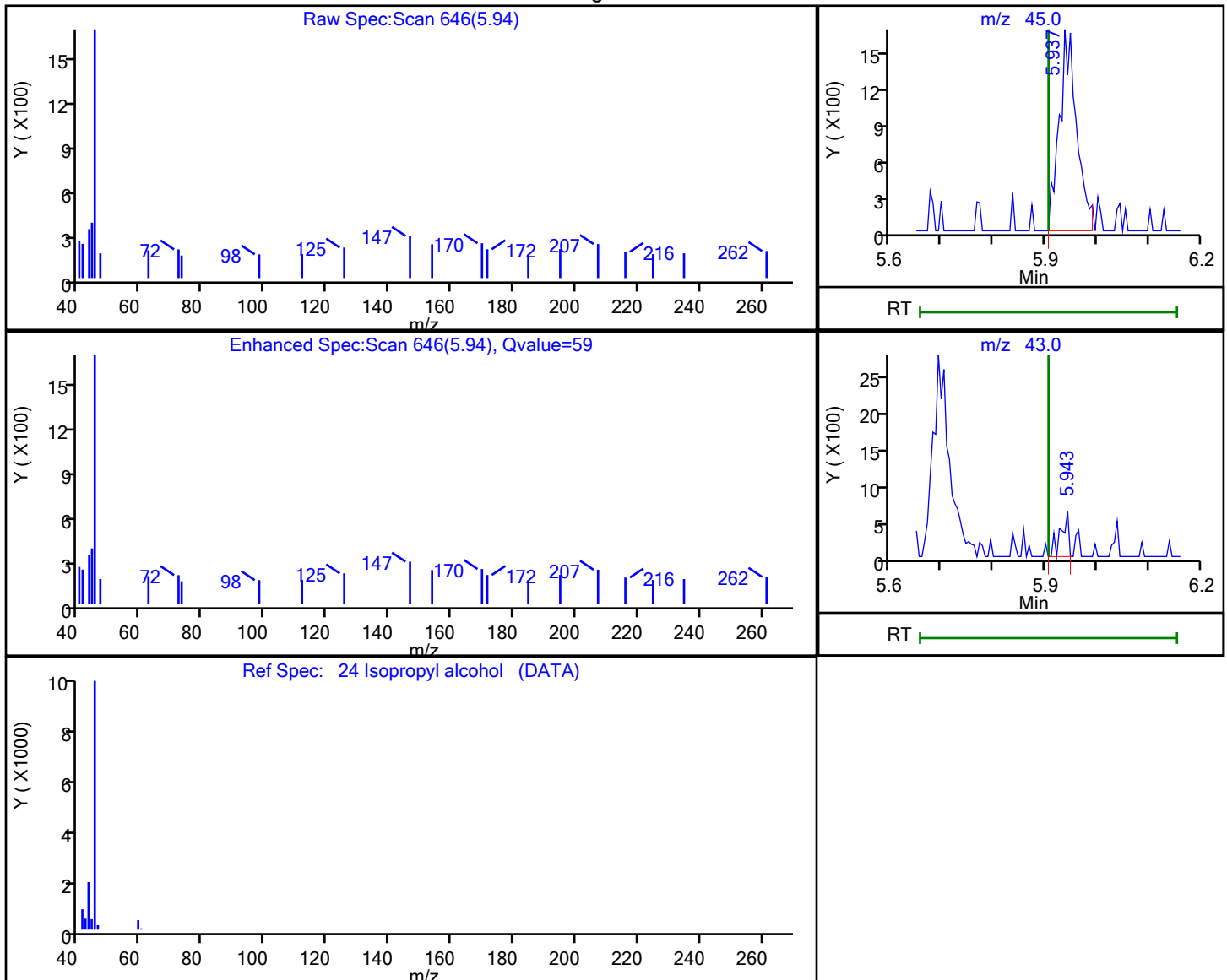
Limit Group: AI\_TO15\_ICAL

Column: RTX-624 ( 0.32 mm)

Detector: MS SCAN

## 24 Isopropyl alcohol, CAS: 67-63-0

## Processing Results



| RT   | Mass  | Response | Amount   |
|------|-------|----------|----------|
| 5.94 | 45.00 | 3880     | 0.264579 |
| 5.94 | 43.00 | 649      |          |

Reviewer: phamvu, 09-Dec-2020 18:18:16

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Burlington  
Target Compound Quantitation Report

Data File: \\chromfs\Burlington\ChromData\CHG.i\20201209-43976.b\200-43976-004.D  
 Lims ID: ic  
 Client ID:  
 Sample Type: IC Calib Level: 3  
 Inject. Date: 09-Dec-2020 13:10:30 ALS Bottle#: 3 Worklist Smp#: 4  
 Purge Vol: 200.000 mL Dil. Factor: 1.0000  
 Sample Info: 200-0043976-004  
 Misc. Info.: ic  
 Operator ID: ggg Instrument ID: CHG.i  
 Sublist: chrom-TO15\_MasterMethod\_(v1)\_G\*sub9  
 Method: \\chromfs\Burlington\ChromData\CHG.i\20201209-43976.b\TO15\_MasterMethod\_(v1)\_G.m  
 Limit Group: AI\_TO15\_ICAL  
 Last Update: 10-Dec-2020 11:28:54 Calib Date: 09-Dec-2020 17:31:30  
 Integrator: RTE ID Type: Deconvolution ID  
 Quant Method: Internal Standard Quant By: Initial Calibration  
 Last ICal File: \\chromfs\Burlington\ChromData\CHG.i\20201209-43976.b\200-43976-009.D  
 Column 1 : RTX-624 ( 0.32 mm) Det: MS SCAN  
 Process Host: CTX1664

First Level Reviewer: guazzonig

Date: 09-Dec-2020 14:53:07

| Compound                           | Sig | RT<br>(min.) | Adj RT<br>(min.) | Dlt RT<br>(min.) | Q  | Response | Cal Amt<br>ppb v/v | OnCol Amt<br>ppb v/v | Flags |
|------------------------------------|-----|--------------|------------------|------------------|----|----------|--------------------|----------------------|-------|
| 1 Propene                          | 41  | 3.054        | 3.049            | 0.005            | 90 | 3930     | 0.4648             | 0.6920               |       |
| 2 Dichlorodifluoromethane          | 85  | 3.113        | 3.108            | 0.005            | 98 | 19784    | 0.4702             | 0.5209               |       |
| 3 Chlorodifluoromethane            | 51  | 3.129        | 3.124            | 0.005            | 96 | 10293    | 0.4720             | 0.6340               |       |
| 4 1,2-Dichloro-1,1,2,2-tetrafluoro | 85  | 3.321        | 3.316            | 0.005            | 90 | 18533    | 0.4689             | 0.5631               |       |
| 5 Chloromethane                    | 50  | 3.407        | 3.391            | 0.016            | 90 | 3875     | 0.4918             | 0.6035               |       |
| 7 Vinyl chloride                   | 62  | 3.589        | 3.584            | 0.005            | 96 | 4573     | 0.4680             | 0.5696               |       |
| 6 Butane                           | 43  | 3.589        | 3.589            | 0.000            | 93 | 5522     | 0.4666             | 0.5445               |       |
| 8 Butadiene                        | 54  | 3.669        | 3.659            | 0.010            | 87 | 2446     | 0.4558             | 0.4410               |       |
| 10 Bromomethane                    | 94  | 4.140        | 4.135            | 0.005            | 92 | 5937     | 0.4644             | 0.5314               |       |
| 11 Chloroethane                    | 64  | 4.322        | 4.322            | 0.000            | 41 | 2126     | 0.4680             | 0.6342               |       |
| 12 2-Methylbutane                  | 43  | 4.482        | 4.488            | -0.006           | 86 | 4255     | 0.4702             | 0.5309               |       |
| 13 Vinyl bromide                   | 106 | 4.643        | 4.632            | 0.011            | 90 | 6436     | 0.4693             | 0.5701               |       |
| 14 Trichlorofluoromethane          | 101 | 4.771        | 4.766            | 0.005            | 96 | 19877    | 0.4756             | 0.5578               |       |
| 16 Pentane                         | 43  | 4.932        | 4.932            | 0.000            | 96 | 6541     | 0.4563             | 0.5533               |       |
| 17 Ethanol                         | 45  | 5.017        | 5.001            | 0.016            | 98 | 17835    | 4.51               | 5.51                 |       |
| 18 Ethyl ether                     | 59  | 5.274        | 5.247            | 0.027            | 64 | 1664     | 0.4540             | 0.3978               |       |
| 19 Acrolein                        | 56  | 5.445        | 5.429            | 0.016            | 2  | 858      | 0.4378             | 0.5236               |       |
| 21 1,1-Dichloroethene              | 96  | 5.643        | 5.633            | 0.010            | 91 | 5245     | 0.4630             | 0.4897               |       |
| 22 Acetone                         | 43  | 5.691        | 5.665            | 0.026            | 96 | 11836    | 0.4612             | 1.24                 |       |
| 20 112TCTFE                        | 101 | 5.681        | 5.675            | 0.006            | 91 | 13771    | 0.4725             | 0.5543               |       |
| 24 Isopropyl alcohol               | 45  | 5.932        | 5.905            | 0.027            | 92 | 7923     | 0.4603             | 0.6689               |       |
| 23 Carbon disulfide                | 76  | 6.007        | 6.007            | 0.000            | 97 | 15532    | 0.4576             | 0.5458               |       |
| 26 Acetonitrile                    | 41  | 6.098        | 6.087            | 0.011            | 86 | 2451     | 0.4459             | 0.6305               | M     |
| 25 3-Chloro-1-propene              | 41  | 6.242        | 6.242            | 0.000            | 90 | 5461     | 0.4797             | 0.5703               | M     |
| 27 Methylene Chloride              | 49  | 6.451        | 6.446            | 0.005            | 94 | 6628     | 0.4630             | 0.5954               |       |
| 28 2-Methyl-2-propanol             | 59  | 6.649        | 6.617            | 0.032            | 92 | 10360    | 0.4855             | 0.6757               |       |
| 32 Acrylonitrile                   | 53  | 6.809        | 6.799            | 0.010            | 64 | 1500     | 0.4554             | 0.3943               |       |
| 31 trans-1,2-Dichloroethene        | 61  | 6.943        | 6.943            | 0.000            | 96 | 8957     | 0.4594             | 0.5820               |       |
| 29 Methyl tert-butyl ether         | 73  | 6.981        | 6.954            | 0.027            | 85 | 13079    | 0.4707             | 0.5829               |       |
| 33 Hexane                          | 57  | 7.467        | 7.462            | 0.005            | 91 | 6443     | 0.4770             | 0.5898               |       |

| Compound                       | Sig | RT (min.) | Adj RT (min.) | Dlt RT (min.) | Q  | Response | Cal Amt ppb v/v | OnCol Amt ppb v/v | Flags |
|--------------------------------|-----|-----------|---------------|---------------|----|----------|-----------------|-------------------|-------|
| 34 1,1-Dichloroethane          | 63  | 7.665     | 7.660         | 0.005         | 97 | 9463     | 0.4504          | 0.5448            |       |
| 35 Vinyl acetate               | 43  | 7.687     | 7.682         | 0.005         | 99 | 10237    | 0.4680          | 0.6250            |       |
| 38 2-Butanone (MEK)            | 72  | 8.634     | 8.602         | 0.032         | 94 | 2614     | 0.4657          | 0.7145            |       |
| 37 cis-1,2-Dichloroethene      | 96  | 8.644     | 8.639         | 0.005         | 96 | 6343     | 0.4549          | 0.5556            |       |
| 39 Ethyl acetate               | 88  | 8.714     | 8.714         | 0.000         | 90 | 341      | 0.4563          | 0.6861            |       |
| * 40 Chlorobromomethane        | 128 | 9.046     | 9.046         | 0.000         | 80 | 129500   | 10.0            | 10.0              |       |
| 41 Tetrahydrofuran             | 42  | 9.142     | 9.110         | 0.032         | 80 | 4863     | 0.4500          | 0.6635            | M     |
| 42 Chloroform                  | 83  | 9.228     | 9.228         | 0.000         | 97 | 14349    | 0.4549          | 0.5257            |       |
| 44 1,1,1-Trichloroethane       | 97  | 9.559     | 9.559         | 0.000         | 95 | 17255    | 0.4590          | 0.5528            |       |
| S 30 1,2-Dichloroethene, Total | 61  |           |               |               | 0  |          | 0.9143          | 1.14              |       |
| 43 Cyclohexane                 | 84  | 9.730     | 9.741         | -0.011        | 85 | 8536     | 0.4572          | 0.6237            | M     |
| 45 Carbon tetrachloride        | 117 | 9.864     | 9.870         | -0.006        | 97 | 19305    | 0.4576          | 0.5372            |       |
| 47 Benzene                     | 78  | 10.217    | 10.212        | 0.005         | 96 | 20185    | 0.4653          | 0.5852            | M     |
| 48 1,2-Dichloroethane          | 62  | 10.271    | 10.271        | 0.000         | 95 | 9579     | 0.4666          | 0.5562            |       |
| 46 Isooctane                   | 57  | 10.495    | 10.501        | -0.006        | 96 | 30221    | 0.4716          | 0.5945            |       |
| 49 n-Heptane                   | 43  | 10.854    | 10.843        | 0.011         | 90 | 12016    | 0.4734          | 0.5834            |       |
| * 50 1,4-Difluorobenzene       | 114 | 11.020    | 11.020        | 0.000         | 94 | 719775   | 10.0            | 10.0              |       |
| 52 n-Butanol                   | 56  | 11.303    | 11.277        | 0.027         | 92 | 5901     | 0.4301          | 0.8357            |       |
| 53 Trichloroethene             | 95  | 11.523    | 11.507        | 0.016         | 95 | 12605    | 0.4743          | 0.5197            | M     |
| 54 1,2-Dichloropropane         | 63  | 11.988    | 11.993        | -0.005        | 60 | 8115     | 0.4644          | 0.5709            | M     |
| 55 Methyl methacrylate         | 69  | 12.143    | 12.138        | 0.005         | 58 | 5941     | 0.4576          | 0.5424            |       |
| 56 1,4-Dioxane                 | 88  | 12.197    | 12.154        | 0.043         | 85 | 5223     | 0.4765          | 0.7156            |       |
| 57 Dibromomethane              | 174 | 12.159    | 12.159        | 0.000         | 93 | 13109    | 0.4639          | 0.5411            |       |
| 58 Dichlorobromomethane        | 83  | 12.518    | 12.518        | 0.000         | 97 | 19425    | 0.4761          | 0.5348            |       |
| 60 cis-1,3-Dichloropropene     | 75  | 13.411    | 13.411        | 0.000         | 94 | 13927    | 0.4680          | 0.5467            |       |
| 61 4-Methyl-2-pentanone (MIBK) | 43  | 13.721    | 13.711        | 0.010         | 95 | 15889    | 0.4612          | 0.5636            |       |
| 65 Toluene                     | 92  | 14.123    | 14.128        | -0.006        | 93 | 17286    | 0.4576          | 0.5864            |       |
| 64 n-Octane                    | 43  | 14.470    | 14.460        | 0.010         | 92 | 17707    | 0.4653          | 0.5667            |       |
| 66 trans-1,3-Dichloropropene   | 75  | 14.567    | 14.556        | 0.011         | 96 | 10620    | 0.4450          | 0.4563            | M     |
| 67 1,1,2-Trichloroethane       | 83  | 14.957    | 14.952        | 0.005         | 66 | 9895     | 0.4720          | 0.6120            | M     |
| 68 Tetrachloroethene           | 166 | 15.203    | 15.209        | -0.006        | 93 | 19279    | 0.4729          | 0.5976            |       |
| 69 2-Hexanone                  | 43  | 15.433    | 15.423        | 0.010         | 93 | 12985    | 0.4500          | 0.5165            |       |
| 71 Chlorodibromomethane        | 129 | 15.749    | 15.744        | 0.005         | 95 | 21548    | 0.4360          | 0.5090            | M     |
| 72 Ethylene Dibromide          | 107 | 15.995    | 15.990        | 0.005         | 98 | 15994    | 0.4779          | 0.5414            |       |
| * 74 Chlorobenzene-d5          | 117 | 16.985    | 16.979        | 0.006         | 87 | 670831   | 10.0            | 10.0              |       |
| 75 Chlorobenzene               | 112 | 17.049    | 17.043        | 0.006         | 94 | 22607    | 0.4725          | 0.5342            |       |
| 76 Ethylbenzene                | 91  | 17.268    | 17.268        | 0.000         | 99 | 38079    | 0.4603          | 0.5717            |       |
| 78 m-Xylene & p-Xylene         | 106 | 17.546    | 17.552        | -0.006        | 0  | 25837    | 0.9260          | 1.07              | M     |
| 77 n-Nonane                    | 57  | 17.680    | 17.675        | 0.005         | 84 | 14333    | 0.4720          | 0.5332            |       |
| 79 o-Xylene                    | 106 | 18.349    | 18.354        | -0.005        | 94 | 13819    | 0.4666          | 0.5577            | M     |
| 80 Styrene                     | 104 | 18.386    | 18.392        | -0.006        | 98 | 17612    | 0.4648          | 0.4789            |       |
| 81 Bromoform                   | 173 | 18.739    | 18.739        | 0.000         | 94 | 18688    | 0.4635          | 0.4973            |       |
| 82 Isopropylbenzene            | 105 | 19.146    | 19.146        | 0.000         | 97 | 34748    | 0.4698          | 0.5120            |       |
| S 73 Xylenes, Total            | 106 |           |               |               | 0  |          | 1.39            | 1.63              |       |
| 84 1,1,2,2-Tetrachloroethane   | 83  | 19.686    | 19.686        | 0.000         | 96 | 20670    | 0.4657          | 0.5505            |       |
| 86 1,2,3-Trichloropropane      | 75  | 19.788    | 19.788        | 0.000         | 96 | 17165    | 0.4770          | 0.6084            |       |
| 85 N-Propylbenzene             | 91  | 19.932    | 19.938        | -0.006        | 98 | 40921    | 0.4684          | 0.5035            |       |
| 89 2-Chlorotoluene             | 91  | 20.077    | 20.077        | 0.000         | 96 | 28185    | 0.4702          | 0.5147            |       |
| 88 4-Ethyltoluene              | 105 | 20.152    | 20.152        | 0.000         | 99 | 33417    | 0.4653          | 0.4933            |       |
| 90 1,3,5-Trimethylbenzene      | 105 | 20.259    | 20.259        | 0.000         | 91 | 32487    | 0.4680          | 0.5340            |       |
| 87 n-Decane                    | 57  | 20.328    | 20.334        | -0.006        | 90 | 13960    | 0.4693          | 0.4540            |       |
| 91 Alpha Methyl Styrene        | 118 | 20.601    | 20.601        | 0.000         | 88 | 12666    | 0.4594          | 0.4330            |       |

| Compound                   | Sig | RT (min.) | Adj RT (min.) | Dlt RT (min.) | Q  | Response | Cal Amt ppb v/v | OnCol Amt ppb v/v | Flags |
|----------------------------|-----|-----------|---------------|---------------|----|----------|-----------------|-------------------|-------|
| 92 tert-Butylbenzene       | 119 | 20.778    | 20.772        | 0.006         | 90 | 27676    | 0.4666          | 0.4966            |       |
| 93 1,2,4-Trimethylbenzene  | 105 | 20.858    | 20.863        | -0.005        | 97 | 29969    | 0.4684          | 0.4973            |       |
| 94 sec-Butylbenzene        | 105 | 21.120    | 21.115        | 0.005         | 97 | 41049    | 0.4711          | 0.4918            |       |
| 96 1,3-Dichlorobenzene     | 146 | 21.275    | 21.280        | -0.005        | 98 | 20896    | 0.4765          | 0.4716            |       |
| 95 4-Isopropyltoluene      | 119 | 21.350    | 21.350        | 0.000         | 97 | 36356    | 0.4644          | 0.4939            |       |
| 97 1,4-Dichlorobenzene     | 146 | 21.430    | 21.425        | 0.005         | 93 | 21070    | 0.4716          | 0.4683            |       |
| 98 Benzyl chloride         | 91  | 21.580    | 21.575        | 0.005         | 98 | 21910    | 0.4765          | 0.4881            |       |
| 100 n-Butylbenzene         | 91  | 21.917    | 21.922        | -0.005        | 98 | 31849    | 0.4680          | 0.5021            |       |
| 101 1,2-Dichlorobenzene    | 146 | 21.922    | 21.922        | 0.000         | 82 | 22452    | 0.4702          | 0.5121            |       |
| 99 Undecane                | 57  | 22.104    | 22.104        | 0.000         | 93 | 14415    | 0.4711          | 0.4654            |       |
| 102 Dodecane               | 57  | 23.672    | 23.677        | -0.005        | 88 | 10308    | 0.4216          | 0.4041            |       |
| 103 1,2,4-Trichlorobenzene | 180 | 24.335    | 24.335        | 0.000         | 93 | 12677    | 0.4891          | 0.3830            |       |
| 104 Hexachlorobutadiene    | 225 | 24.603    | 24.597        | 0.006         | 95 | 21122    | 0.4621          | 0.5041            |       |
| 105 Naphthalene            | 128 | 24.790    | 24.785        | 0.006         | 97 | 18189    | 0.4378          | 0.2827            |       |
| 106 1,2,3-Trichlorobenzene | 180 | 25.186    | 25.191        | -0.005        | 91 | 11573    | 0.4108          | 0.3641            |       |
| 123 Methylcyclohexane      | 83  |           | 0.000         |               |    |          | ND              | ND                |       |

**QC Flag Legend**

## Processing Flags

ND - Not Detected or Marked ND

## Review Flags

M - Manually Integrated

**Reagents:**

ATTO15CAL2w\_00296

Amount Added: 180.00

Units: mL

ATTO15GIS\_00017

Amount Added: 20.00

Units: mL

Run Reagent



Report Date: 10-Dec-2020 11:28:55

Chrom Revision: 2.3 12-Nov-2020 21:52:08

Eurofins TestAmerica, Burlington

Data File: \\chromfs\Burlington\ChromData\CHG.i\20201209-43976.b\200-43976-004.D

Injection Date: 09-Dec-2020 13:10:30

Instrument ID: CHG.i

Operator ID: ggg

Lims ID: ic

Worklist Smp#: 4

Client ID:

Purge Vol: 200.000 mL

Dil. Factor: 1.0000

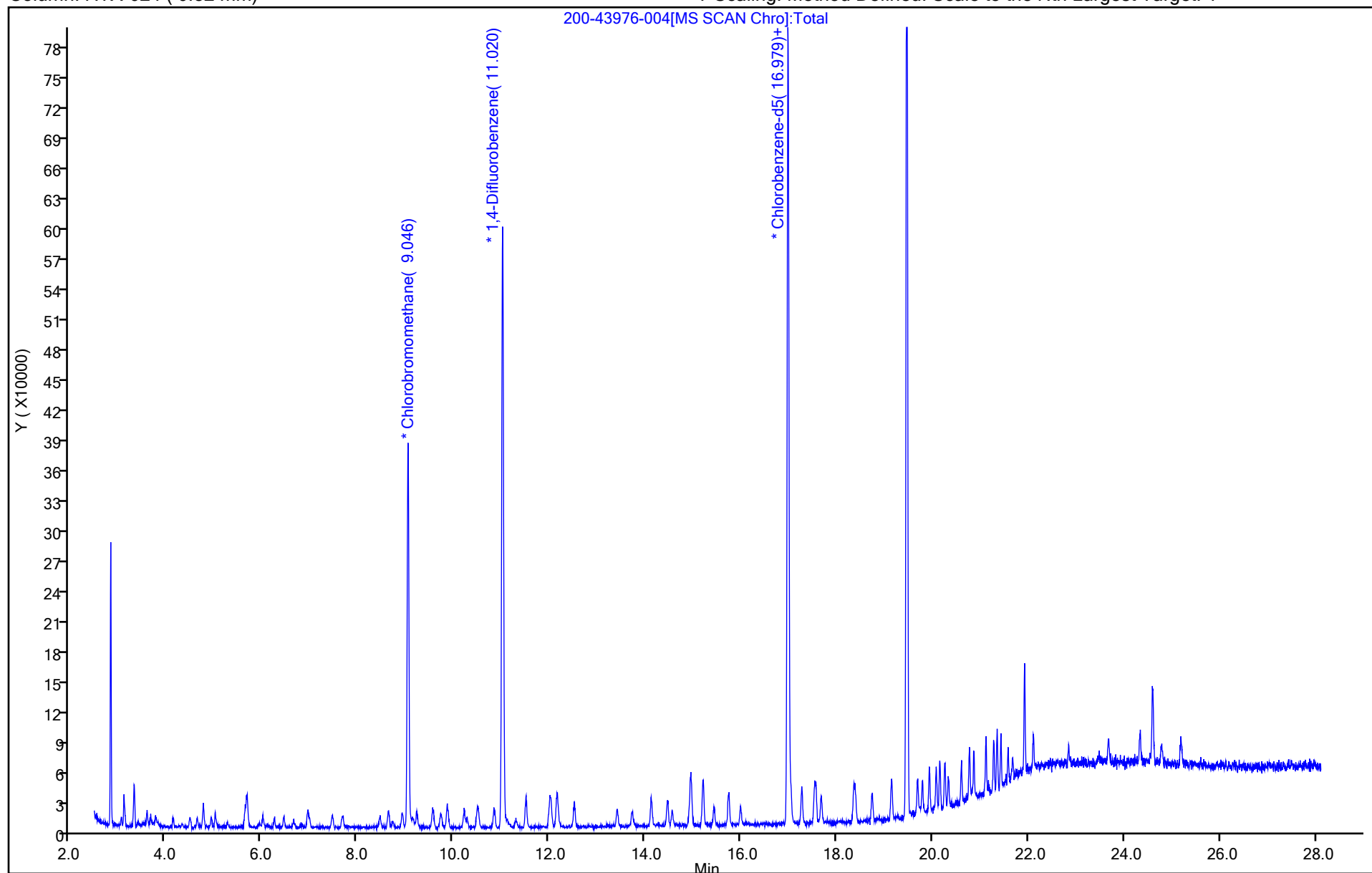
ALS Bottle#: 3

Method: TO15\_MasterMethod\_(v1)\_G

Limit Group: AI\_TO15\_ICAL

Column: RTX-624 (0.32 mm)

Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



## Eurofins TestAmerica, Burlington

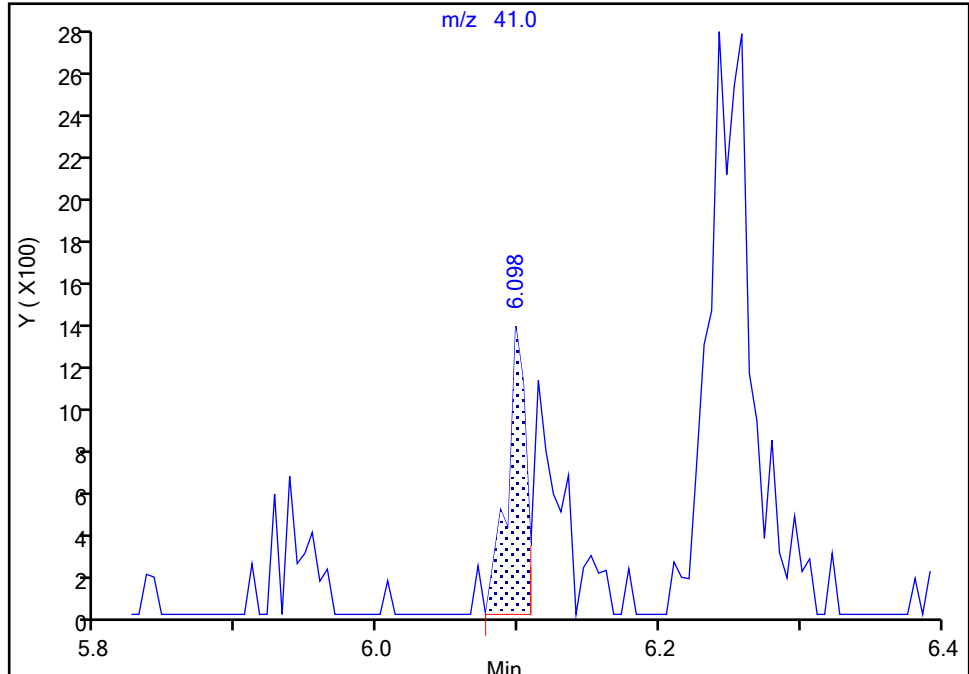
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Injection Date: 09-Dec-2020 13:10:30 Instrument ID: CHG.i  
Lims ID: ic  
Client ID:  
Operator ID: ggg ALS Bottle#: 3 Worklist Smp#: 4  
Purge Vol: 200.000 mL Dil. Factor: 1.0000  
Method: TO15\_MasterMethod\_(v1)\_G Limit Group: AI\_TO15\_ICAL  
Column: RTX-624 ( 0.32 mm) Detector: MS SCAN

**26 Acetonitrile, CAS: 75-05-8**

Signal: 1

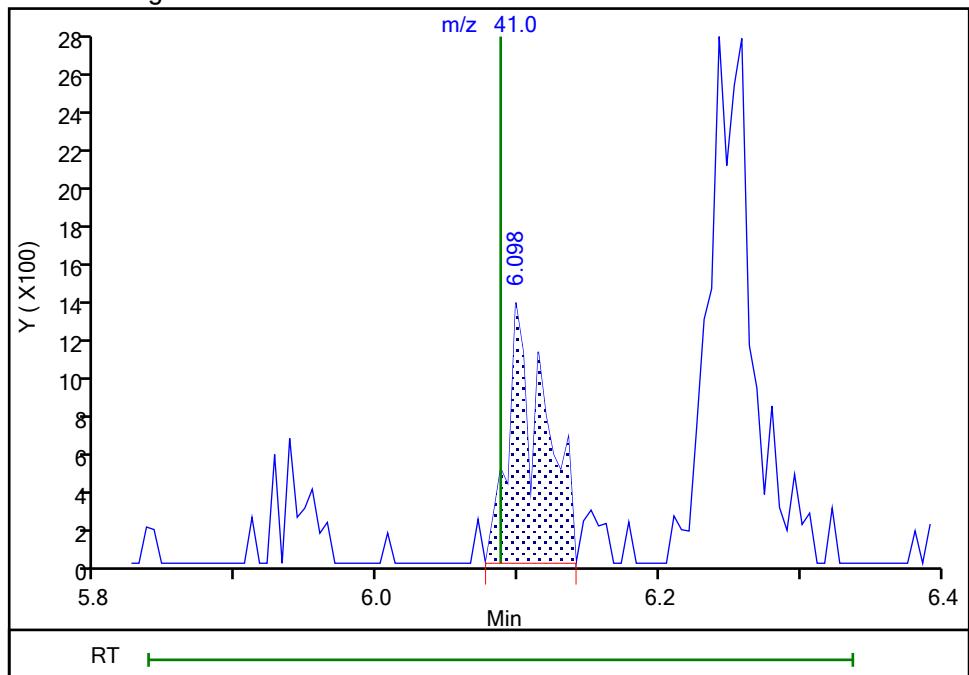
RT: 6.10  
Area: 1281  
Amount: 0.214852  
Amount Units: ppb v/v

## Processing Integration Results



RT: 6.10  
Area: 2451  
Amount: 0.630511  
Amount Units: ppb v/v

## Manual Integration Results



Reviewer: phamvu, 09-Dec-2020 18:24:02

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

## Eurofins TestAmerica, Burlington

Data File: \\chromfs\Burlington\ChromData\CHG.i\20201209-43976.b\200-43976-004.D

Injection Date: 09-Dec-2020 13:10:30

Instrument ID: CHG.i

Lims ID: ic

Client ID:

Operator ID: ggg

ALS Bottle#:

3

Worklist Smp#: 4

Purge Vol: 200.000 mL

Dil. Factor: 1.0000

Method: TO15\_MasterMethod\_(v1)\_G

Limit Group: AI\_TO15\_ICAL

Column: RTX-624 ( 0.32 mm)

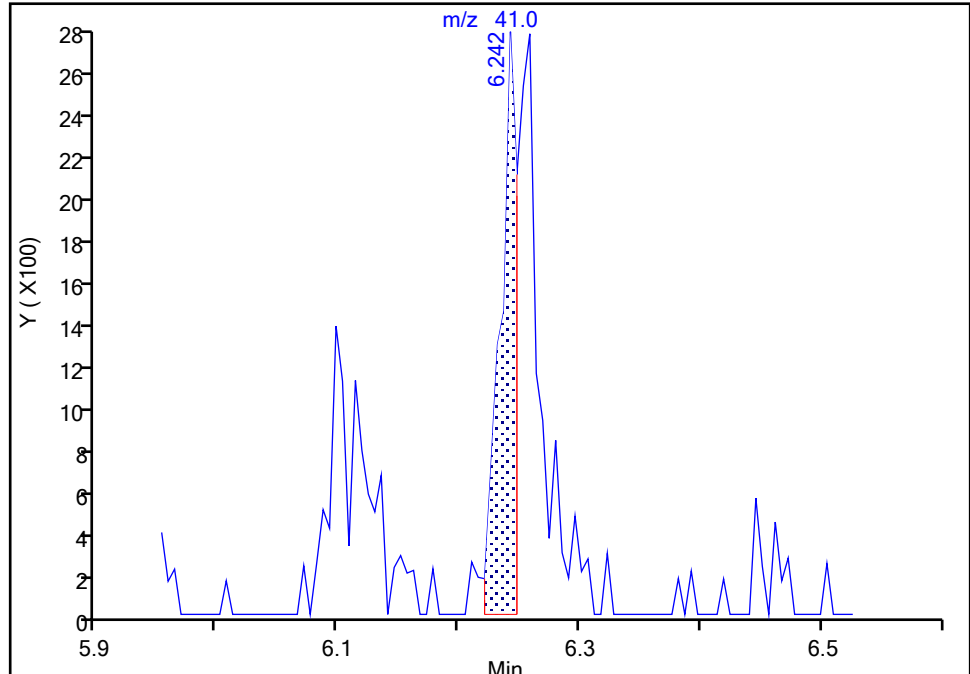
Detector: MS SCAN

**25 3-Chloro-1-propene, CAS: 107-05-1**

Signal: 1

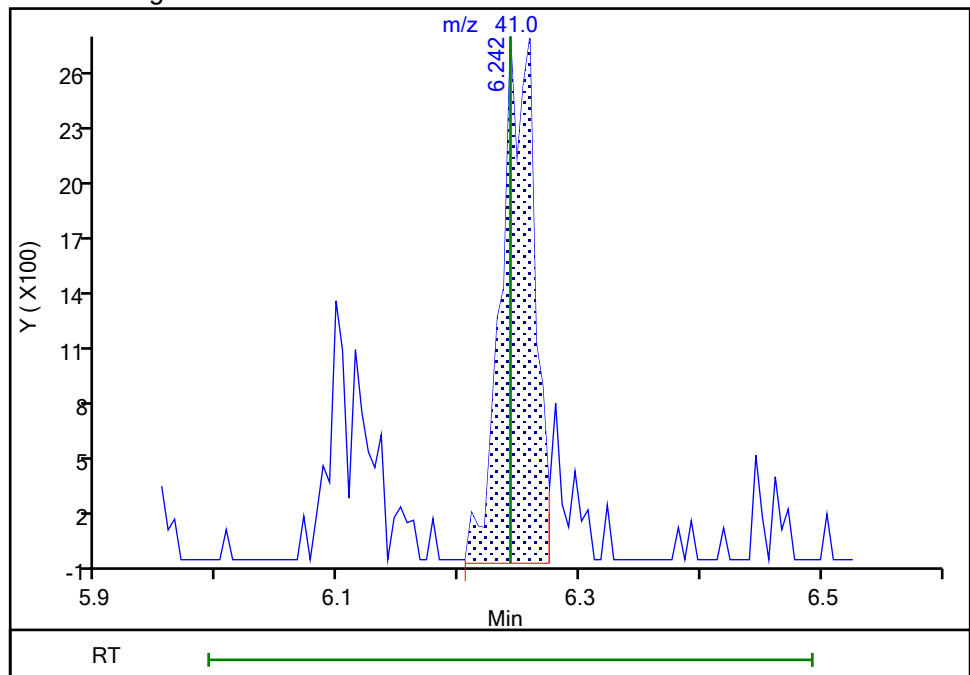
RT: 6.24  
Area: 2743  
Amount: 0.312912  
Amount Units: ppb v/v

## Processing Integration Results



RT: 6.24  
Area: 5461  
Amount: 0.570309  
Amount Units: ppb v/v

## Manual Integration Results



Reviewer: phamvu, 09-Dec-2020 18:23:46

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

## Eurofins TestAmerica, Burlington

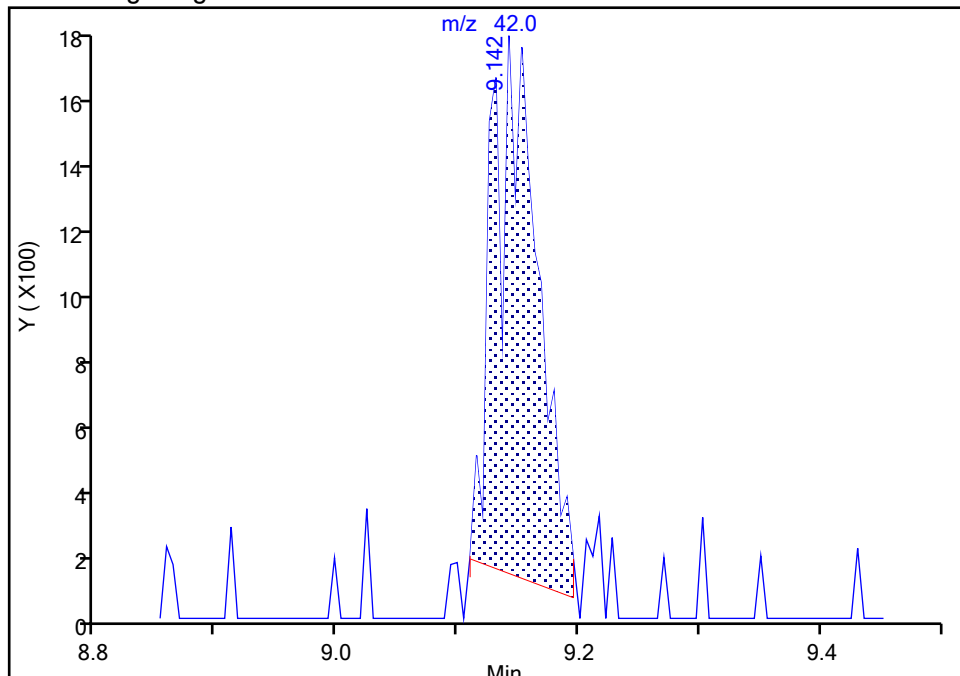
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Injection Date: 09-Dec-2020 13:10:30 Instrument ID: CHG.i  
Lims ID: ic  
Client ID:  
Operator ID: ggg ALS Bottle#: 3 Worklist Smp#: 4  
Purge Vol: 200.000 mL Dil. Factor: 1.0000  
Method: TO15\_MasterMethod\_(v1)\_G Limit Group: AI\_TO15\_ICAL  
Column: RTX-624 ( 0.32 mm) Detector: MS SCAN

**41 Tetrahydrofuran, CAS: 109-99-9**

Signal: 1

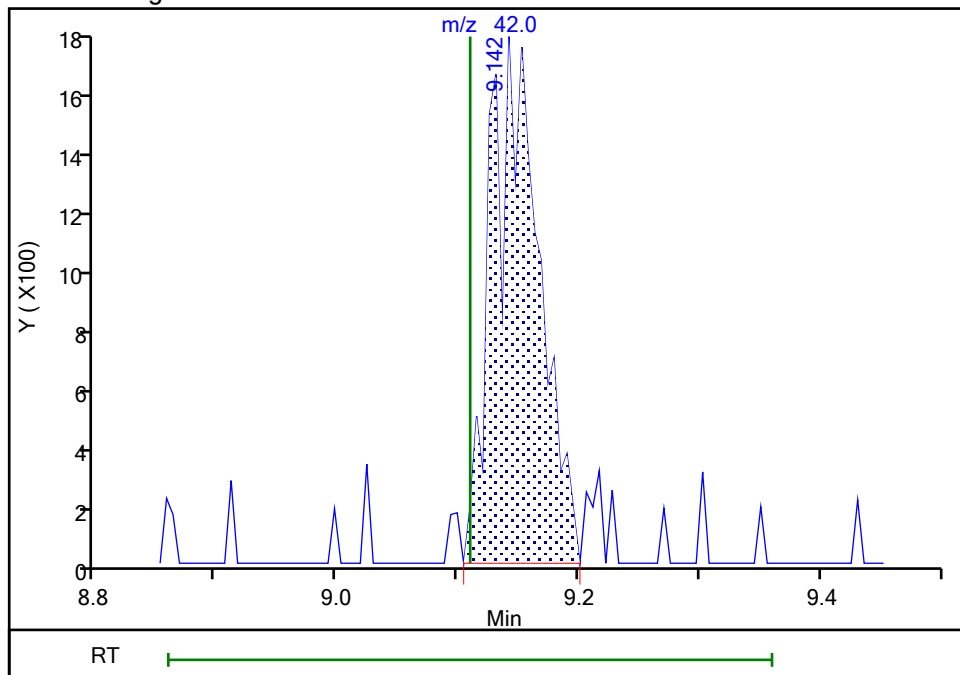
RT: 9.14  
Area: 4205  
Amount: 0.548548  
Amount Units: ppb v/v

## Processing Integration Results



RT: 9.14  
Area: 4863  
Amount: 0.663460  
Amount Units: ppb v/v

## Manual Integration Results



Reviewer: phamvu, 09-Dec-2020 18:24:25

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

## Eurofins TestAmerica, Burlington

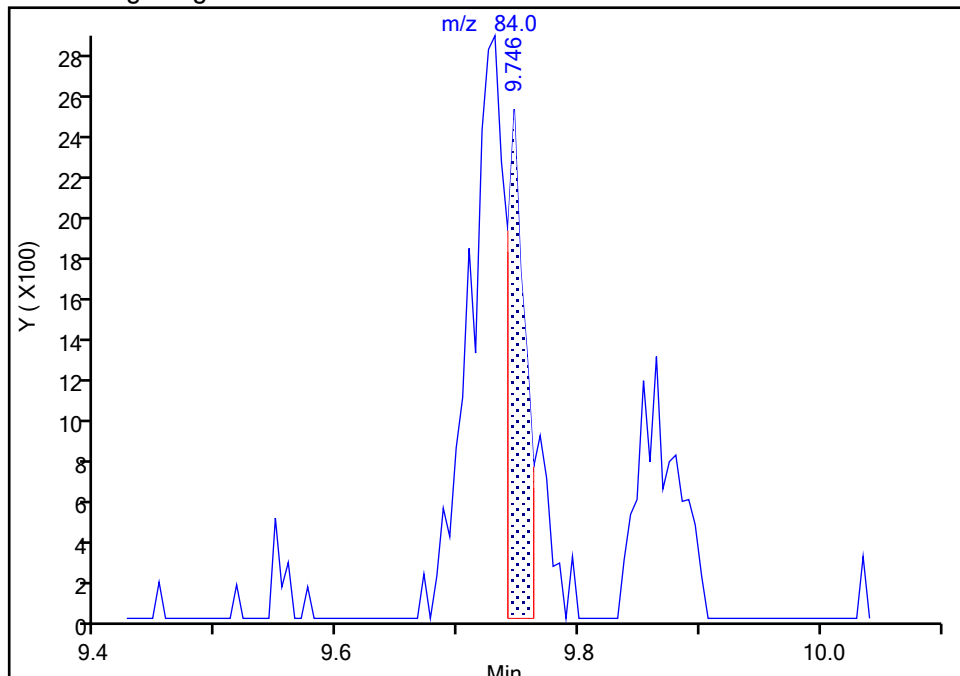
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Injection Date: 09-Dec-2020 13:10:30 Instrument ID: CHG.i  
Lims ID: ic  
Client ID:  
Operator ID: ggg ALS Bottle#: 3 Worklist Smp#: 4  
Purge Vol: 200.000 mL Dil. Factor: 1.0000  
Method: TO15\_MasterMethod\_(v1)\_G Limit Group: AI\_TO15\_ICAL  
Column: RTX-624 ( 0.32 mm) Detector: MS SCAN

**43 Cyclohexane, CAS: 110-82-7**

Signal: 1

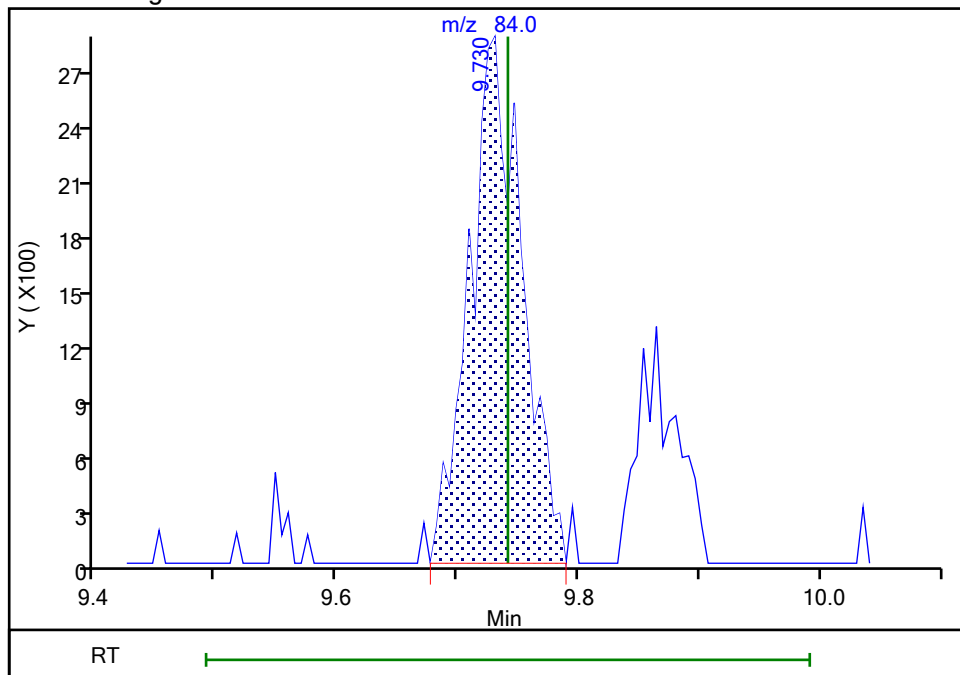
RT: 9.75  
Area: 2601  
Amount: 0.219848  
Amount Units: ppb v/v

## Processing Integration Results



RT: 9.73  
Area: 8536  
Amount: 0.623726  
Amount Units: ppb v/v

## Manual Integration Results



Reviewer: phamvu, 09-Dec-2020 18:24:38

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

## Eurofins TestAmerica, Burlington

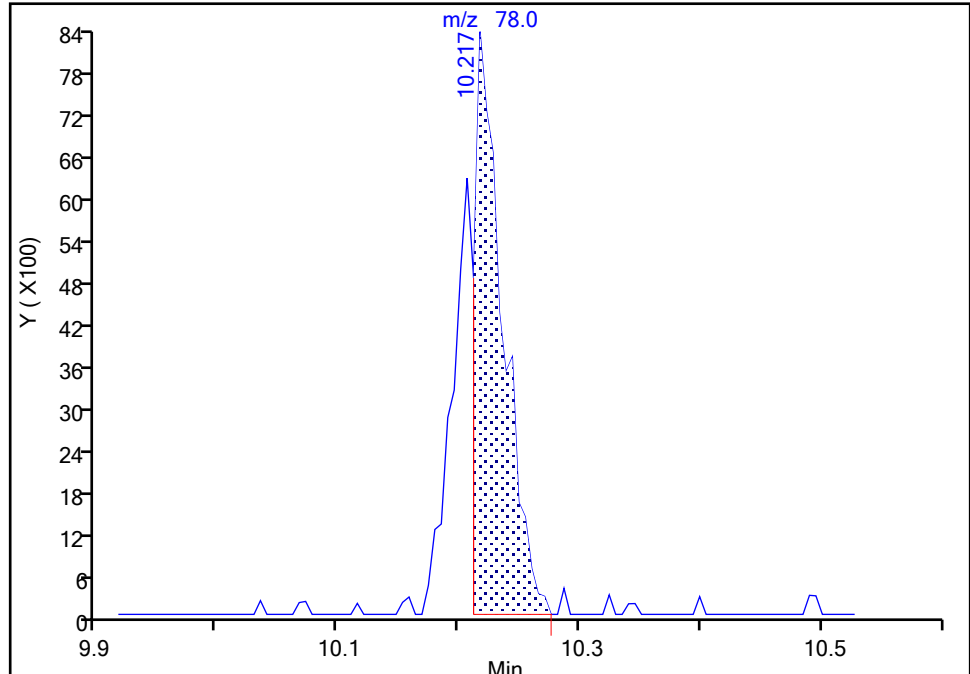
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Lims ID: ic  
Client ID:  
Operator ID: ggg ALS Bottle#: 3 Worklist Smp#: 4  
Purge Vol: 200.000 mL Dil. Factor: 1.0000  
Method: TO15\_MasterMethod\_(v1)\_G Limit Group: AI\_TO15\_ICAL  
Column: RTX-624 ( 0.32 mm) Detector: MS SCAN

**47 Benzene, CAS: 71-43-2**

Signal: 1

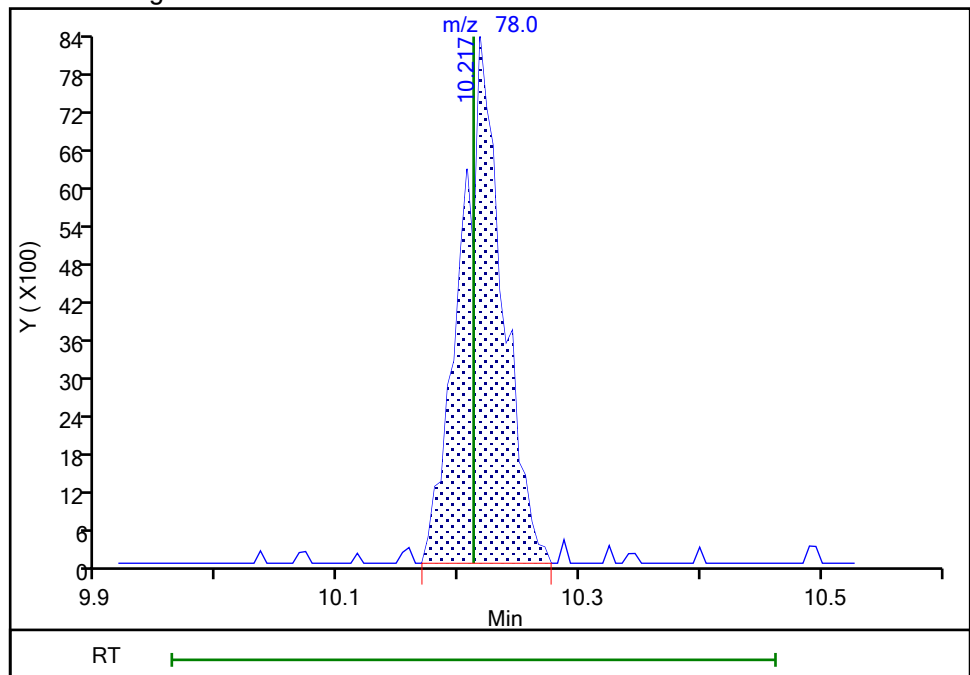
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Amount: 0.421782  
Amount Units: ppb v/v

## Processing Integration Results



RT: 10.22  
Area: 20185  
Amount: 0.585191  
Amount Units: ppb v/v

## Manual Integration Results



Reviewer: phamvu, 09-Dec-2020 18:24:50

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

## Eurofins TestAmerica, Burlington

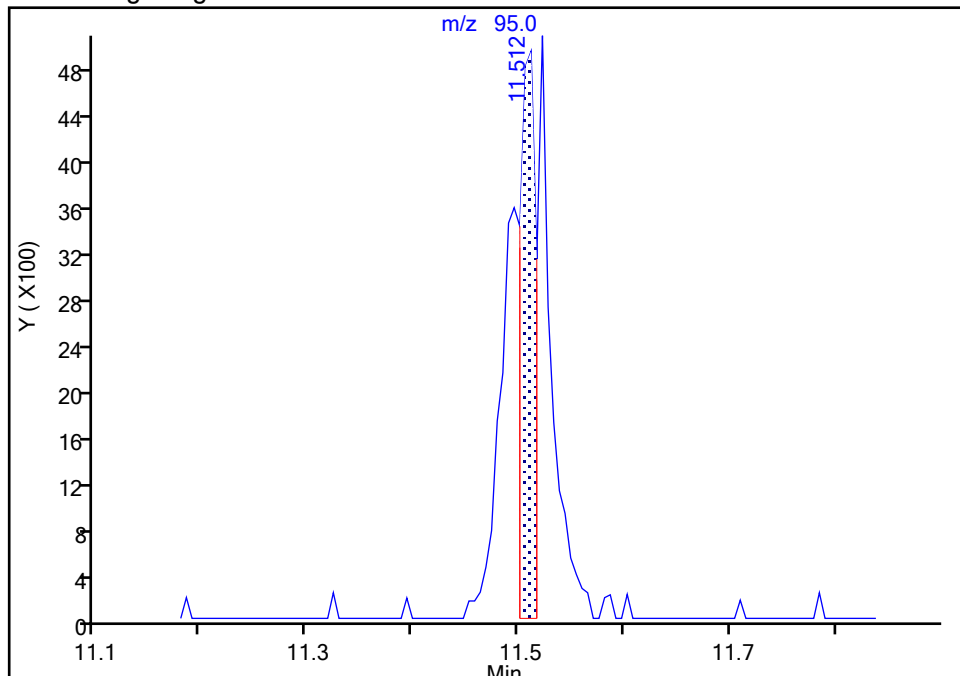
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Injection Date: 09-Dec-2020 13:10:30 Instrument ID: CHG.i  
Lims ID: ic  
Client ID:  
Operator ID: ggg ALS Bottle#: 3 Worklist Smp#: 4  
Purge Vol: 200.000 mL Dil. Factor: 1.0000  
Method: TO15\_MasterMethod\_(v1)\_G Limit Group: AI\_TO15\_ICAL  
Column: RTX-624 ( 0.32 mm) Detector: MS SCAN

**53 Trichloroethene, CAS: 79-01-6**

Signal: 1

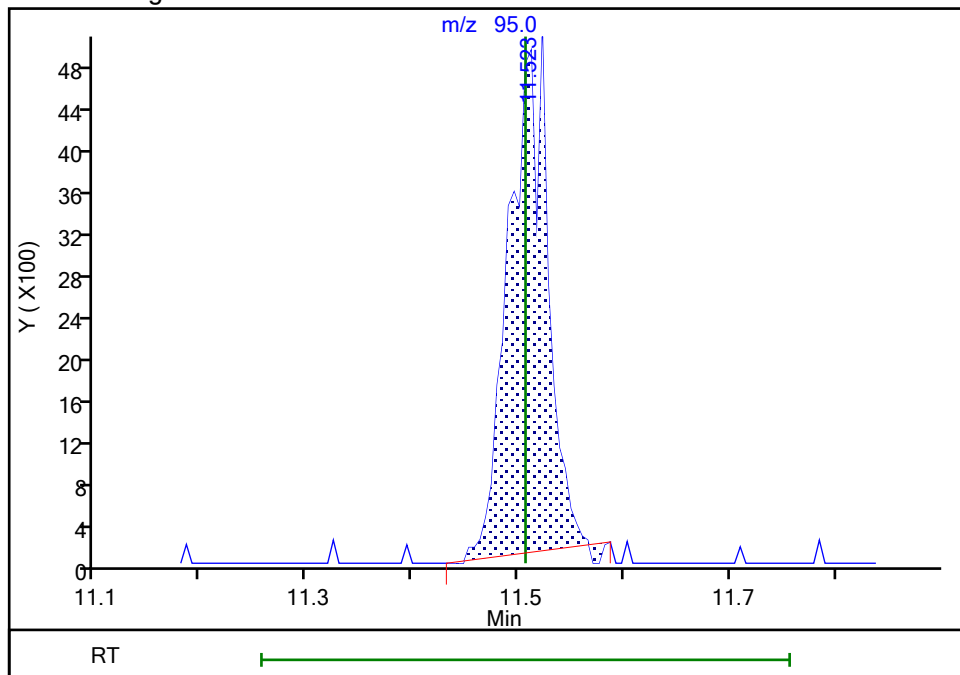
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Amount: 0.237277  
Amount Units: ppb v/v

## Processing Integration Results



RT: 11.52  
Area: 12605  
Amount: 0.519663  
Amount Units: ppb v/v

## Manual Integration Results



Reviewer: phamvu, 09-Dec-2020 18:25:02

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

## Eurofins TestAmerica, Burlington

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Injection Date: 09-Dec-2020 13:10:30

Instrument ID: CHG.i

Lims ID: ic

Client ID:

Operator ID: ggg

ALS Bottle#:

3

Worklist Smp#: 4

Purge Vol: 200.000 mL

Dil. Factor: 1.0000

Method: TO15\_MasterMethod\_(v1)\_G

Limit Group: AI\_TO15\_ICAL

Column: RTX-624 ( 0.32 mm)

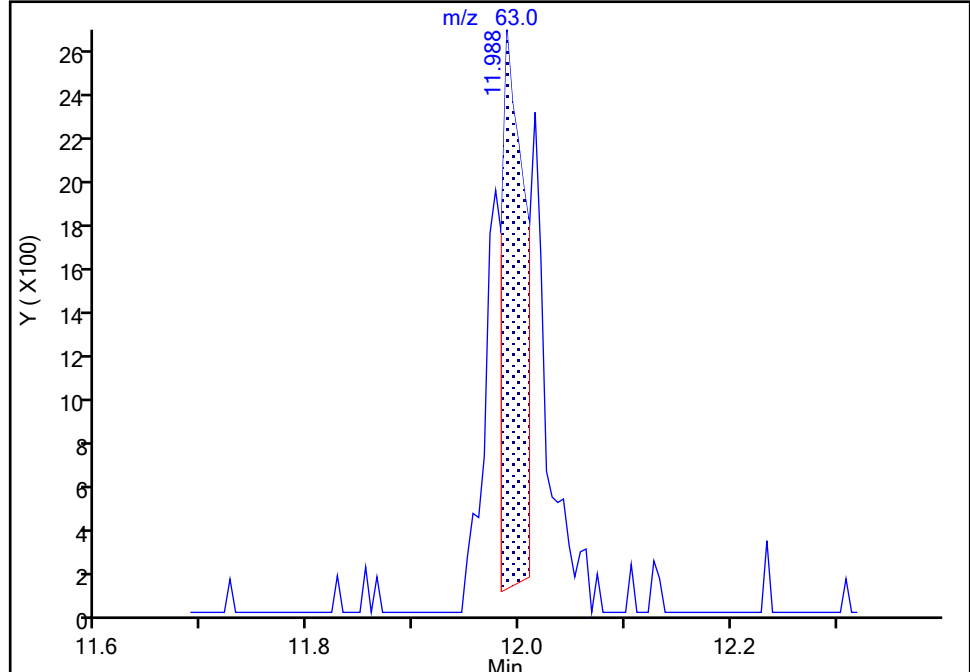
Detector: MS SCAN

**54 1,2-Dichloropropane, CAS: 78-87-5**

Signal: 1

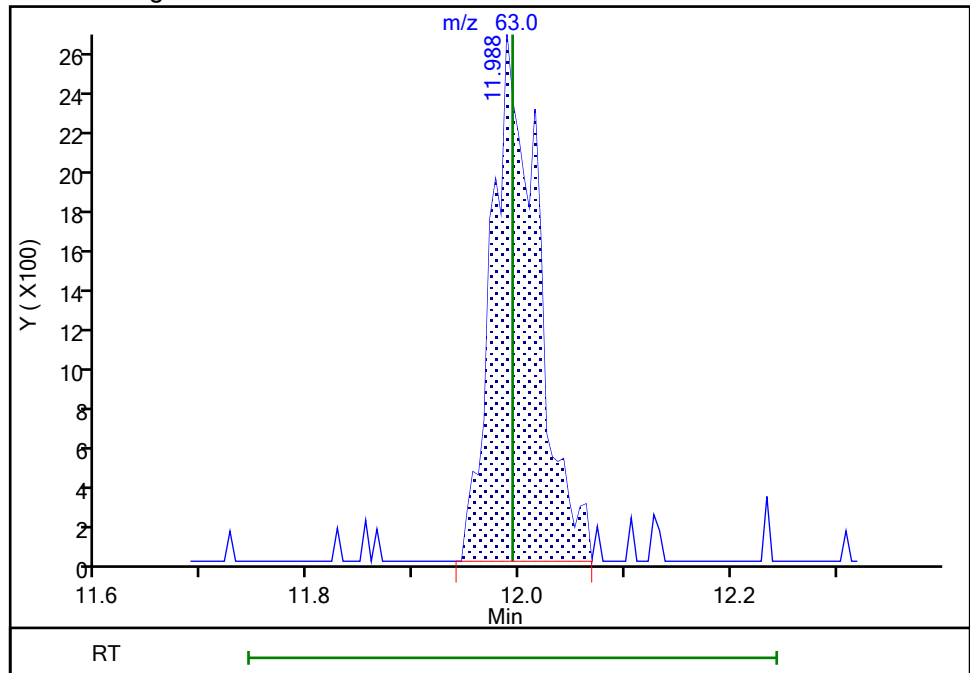
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Amount: 0.294946  
Amount Units: ppb v/v

## Processing Integration Results



RT: 11.99  
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Amount: 0.570906  
Amount Units: ppb v/v

## Manual Integration Results



Reviewer: phamvu, 09-Dec-2020 18:25:11

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration



## Eurofins TestAmerica, Burlington

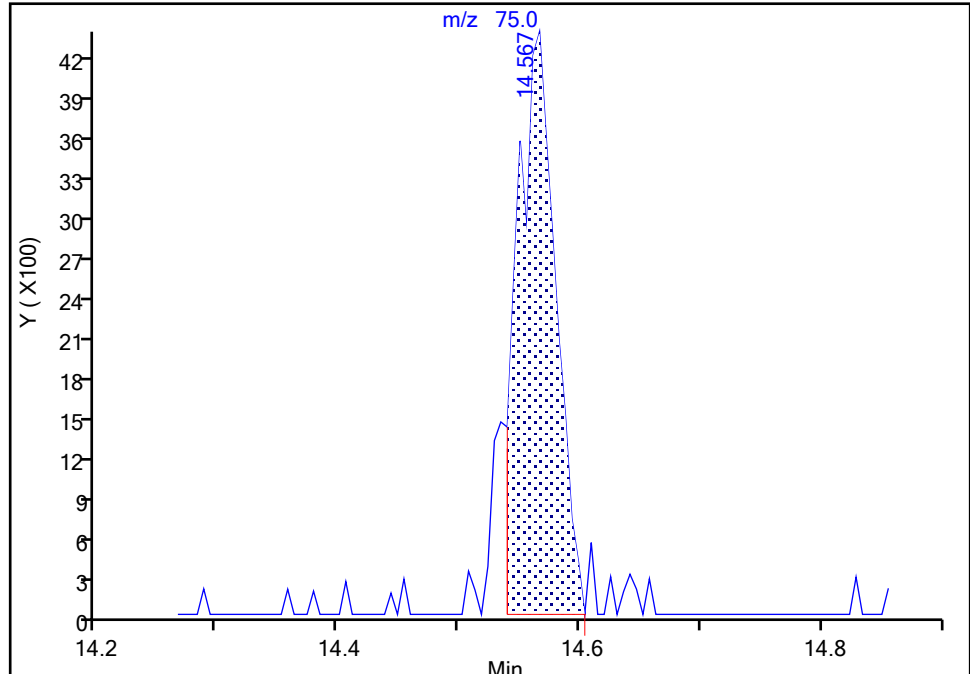
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Injection Date: 09-Dec-2020 13:10:30 Instrument ID: CHG.i  
Lims ID: ic  
Client ID:  
Operator ID: ggg ALS Bottle#: 3 Worklist Smp#: 4  
Purge Vol: 200.000 mL Dil. Factor: 1.0000  
Method: TO15\_MasterMethod\_(v1)\_G Limit Group: AI\_TO15\_ICAL  
Column: RTX-624 ( 0.32 mm) Detector: MS SCAN

**66 trans-1,3-Dichloropropene, CAS: 10061-02-6**

Signal: 1

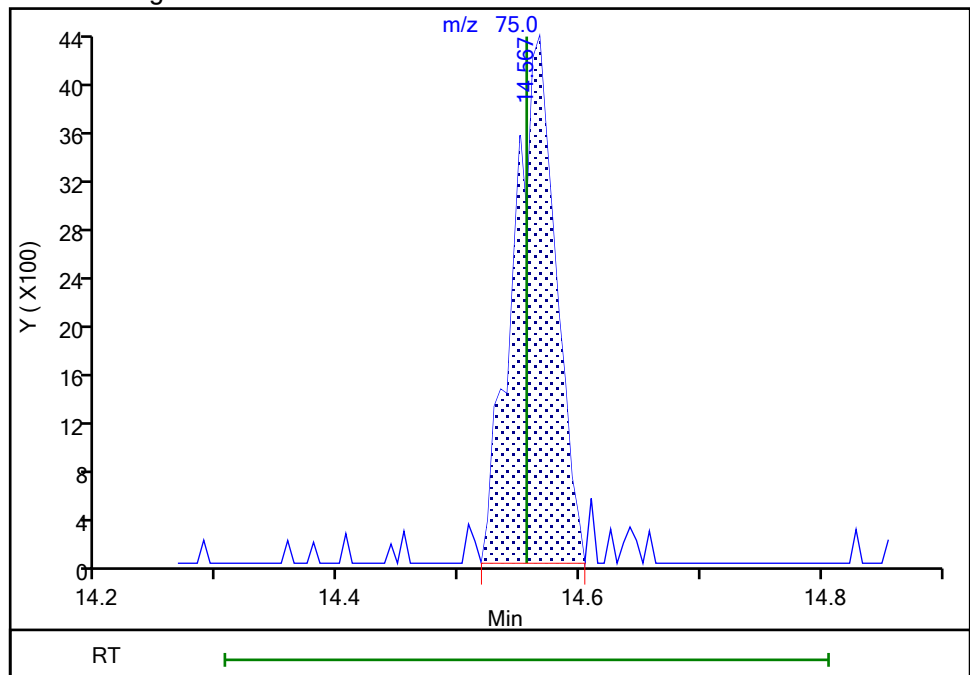
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Amount Units: ppb v/v

## Processing Integration Results



RT: 14.57  
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Amount Units: ppb v/v

## Manual Integration Results



Reviewer: phamvu, 09-Dec-2020 18:25:25

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

## Eurofins TestAmerica, Burlington

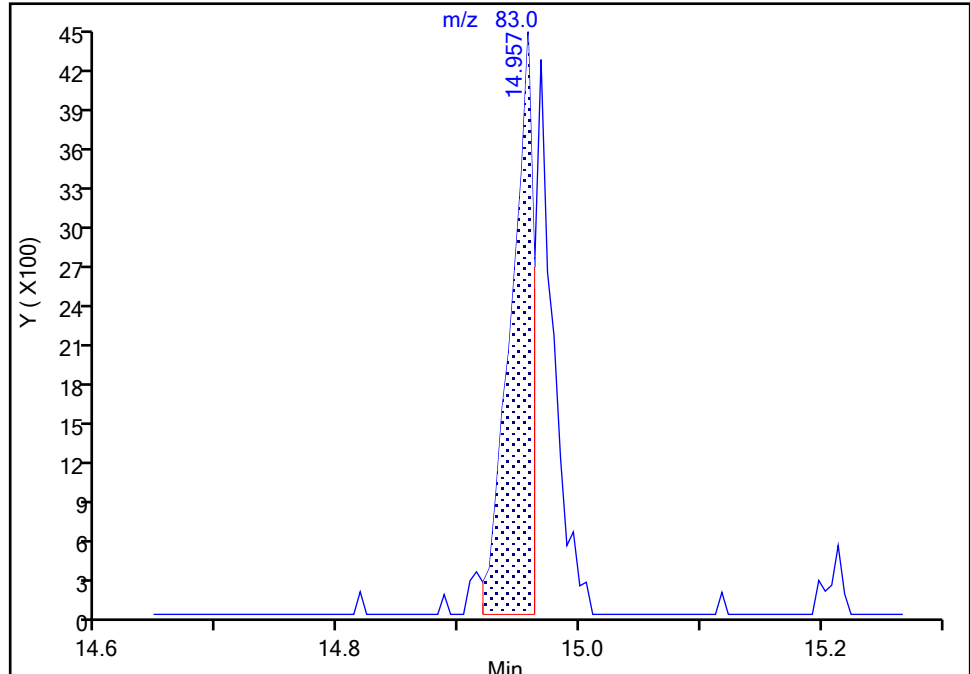
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Injection Date: 09-Dec-2020 13:10:30 Instrument ID: CHG.i  
Lims ID: ic  
Client ID:  
Operator ID: ggg ALS Bottle#: 3 Worklist Smp#: 4  
Purge Vol: 200.000 mL Dil. Factor: 1.0000  
Method: TO15\_MasterMethod\_(v1)\_G Limit Group: AI\_TO15\_ICAL  
Column: RTX-624 ( 0.32 mm) Detector: MS SCAN

**67 1,1,2-Trichloroethane, CAS: 79-00-5**

Signal: 1

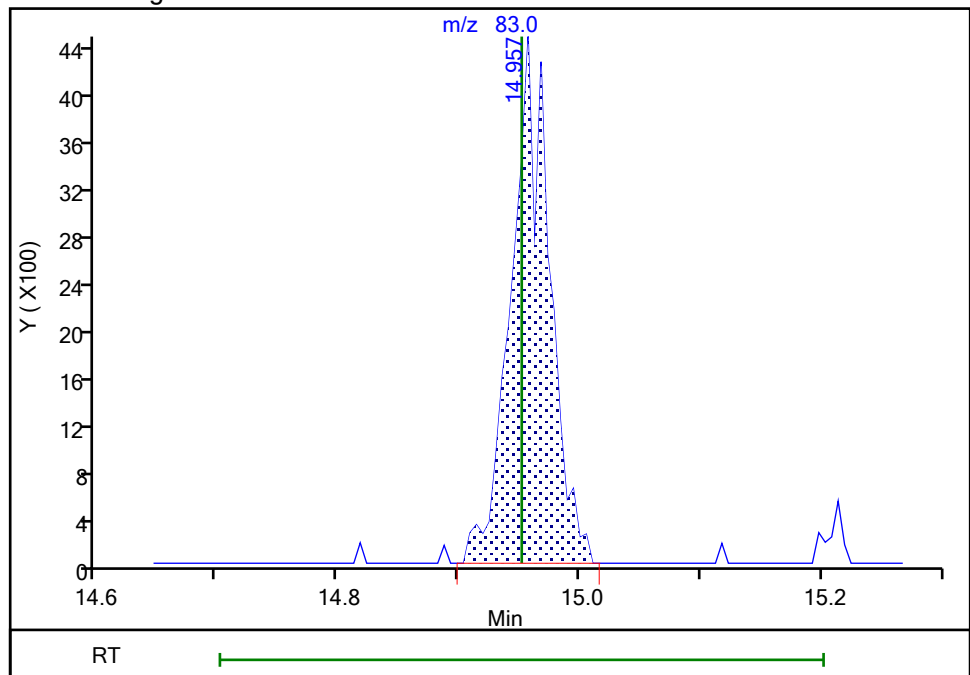
RT: 14.96  
Area: 5899  
Amount: 0.394345  
Amount Units: ppb v/v

## Processing Integration Results



RT: 14.96  
Area: 9895  
Amount: 0.611997  
Amount Units: ppb v/v

## Manual Integration Results



Reviewer: phamvu, 09-Dec-2020 18:25:32

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

## Eurofins TestAmerica, Burlington

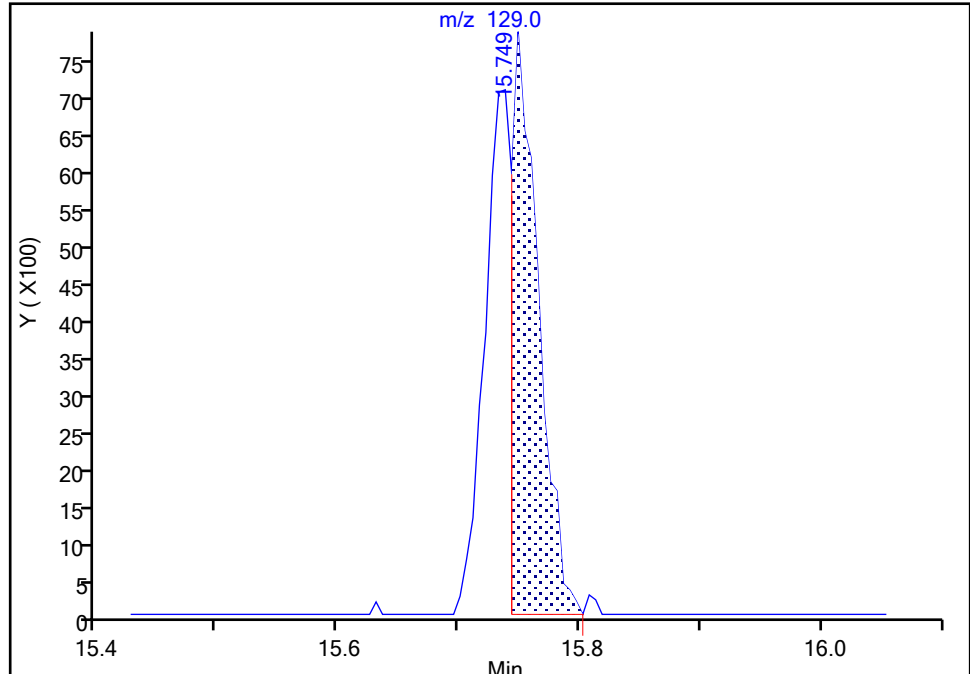
Data File: \\chromfs\Burlington\ChromData\CHG.i\20201209-43976.b\200-43976-004.D  
Injection Date: 09-Dec-2020 13:10:30 Instrument ID: CHG.i  
Lims ID: ic  
Client ID:  
Operator ID: ggg ALS Bottle#: 3 Worklist Smp#: 4  
Purge Vol: 200.000 mL Dil. Factor: 1.0000  
Method: TO15\_MasterMethod\_(v1)\_G Limit Group: AI\_TO15\_ICAL  
Column: RTX-624 ( 0.32 mm) Detector: MS SCAN

**71 Chlorodibromomethane, CAS: 124-48-1**

Signal: 1

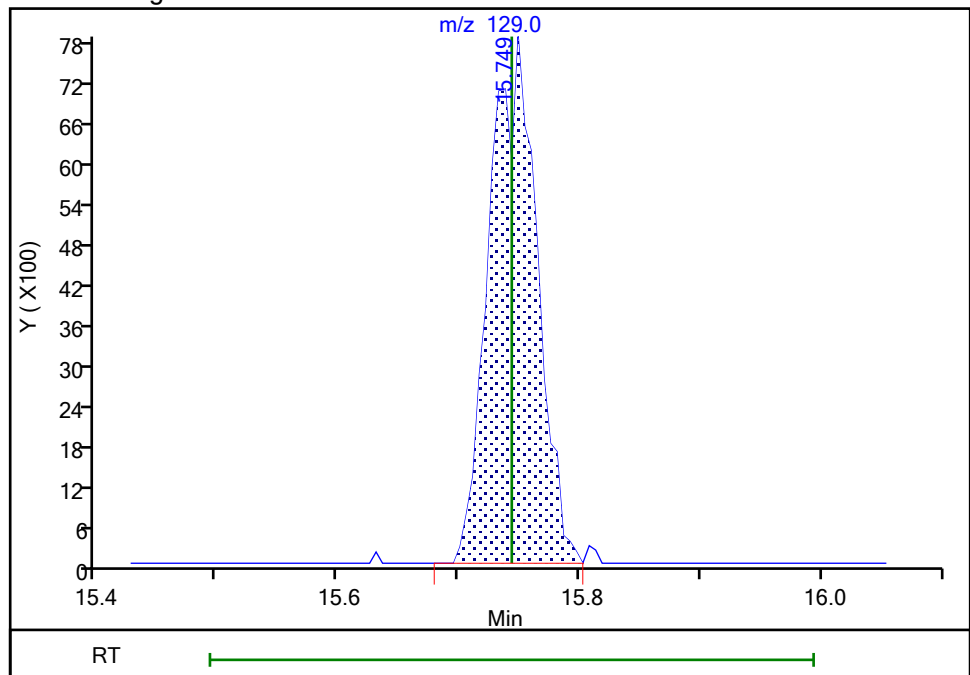
RT: 15.75  
Area: 12272  
Amount: 0.312303  
Amount Units: ppb v/v

## Processing Integration Results



RT: 15.75  
Area: 21548  
Amount: 0.508993  
Amount Units: ppb v/v

## Manual Integration Results



Reviewer: phamvu, 09-Dec-2020 18:25:45

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

## Eurofins TestAmerica, Burlington

Data File: \\chromfs\Burlington\ChromData\CHG.i\20201209-43976.b\200-43976-004.D

Injection Date: 09-Dec-2020 13:10:30

Instrument ID: CHG.i

Lims ID: ic

Client ID:

Operator ID: ggg

ALS Bottle#:

3

Worklist Smp#: 4

Purge Vol: 200.000 mL

Dil. Factor: 1.0000

Method: TO15\_MasterMethod\_(v1)\_G

Limit Group: AI\_TO15\_ICAL

Column: RTX-624 ( 0.32 mm)

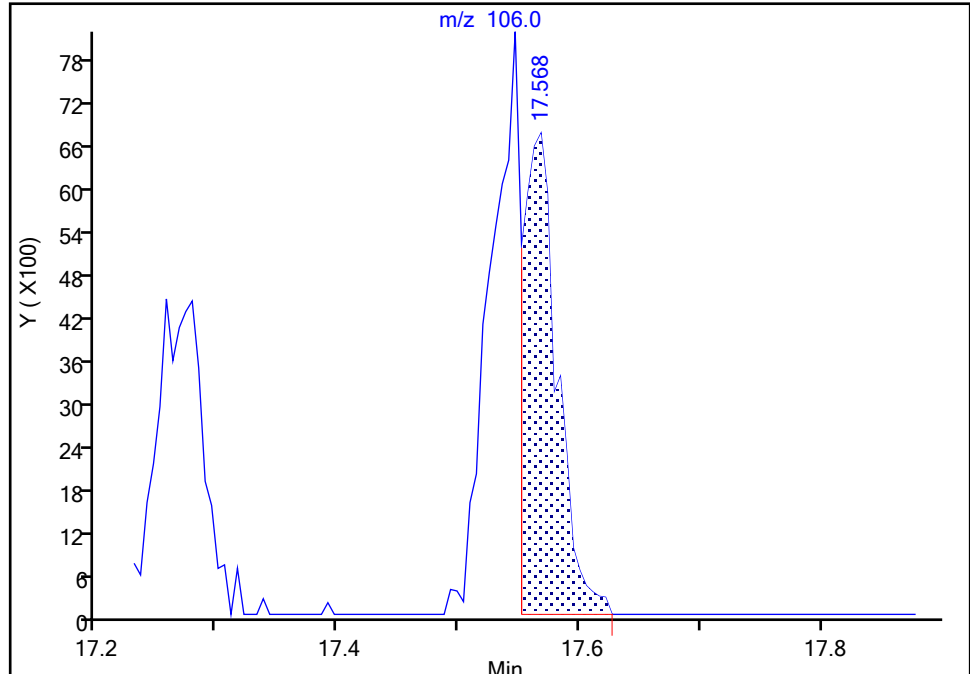
Detector: MS SCAN

**78 m-Xylene & p-Xylene, CAS: 179601-23-1**

Signal: 1

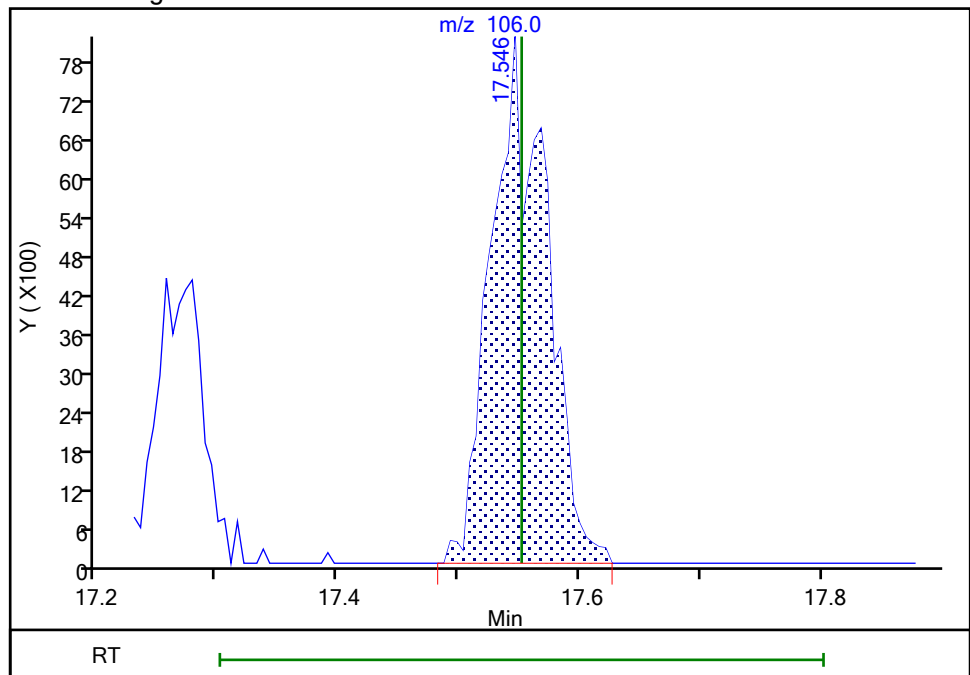
RT: 17.57  
Area: 13308  
Amount: 0.601274  
Amount Units: ppb v/v

## Processing Integration Results



RT: 17.55  
Area: 25837  
Amount: 1.072899  
Amount Units: ppb v/v

## Manual Integration Results



Reviewer: phamvu, 09-Dec-2020 18:25:56

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

## Eurofins TestAmerica, Burlington

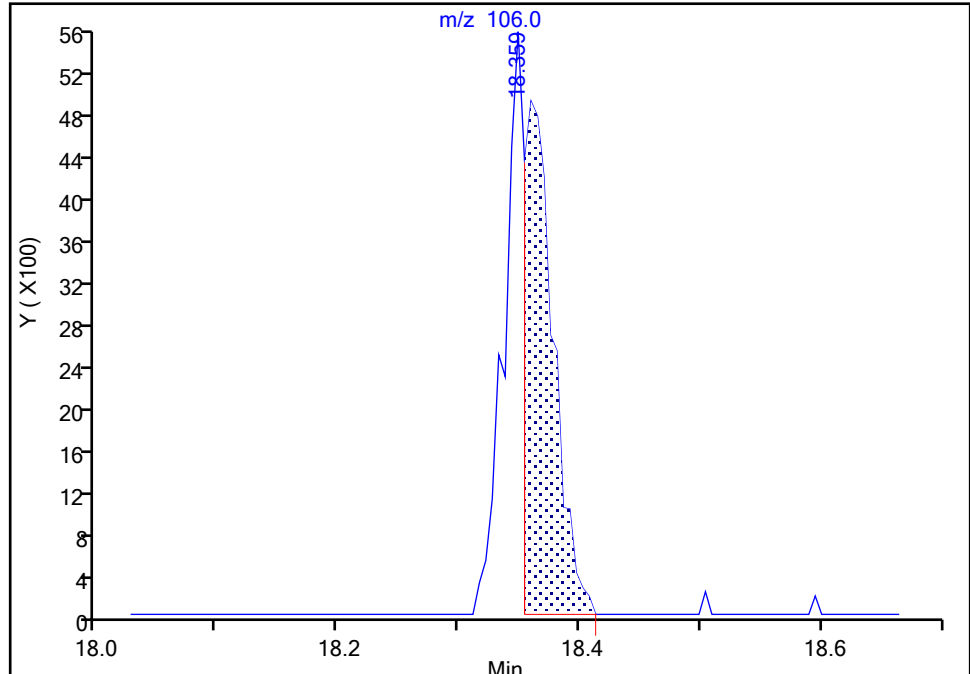
Data File: \\chromfs\Burlington\ChromData\CHG.i\20201209-43976.b\200-43976-004.D  
Injection Date: 09-Dec-2020 13:10:30 Instrument ID: CHG.i  
Lims ID: ic  
Client ID:  
Operator ID: ggg ALS Bottle#: 3 Worklist Smp#: 4  
Purge Vol: 200.000 mL Dil. Factor: 1.0000  
Method: TO15\_MasterMethod\_(v1)\_G Limit Group: AI\_TO15\_ICAL  
Column: RTX-624 ( 0.32 mm) Detector: MS SCAN

**79 o-Xylene, CAS: 95-47-6**

Signal: 1

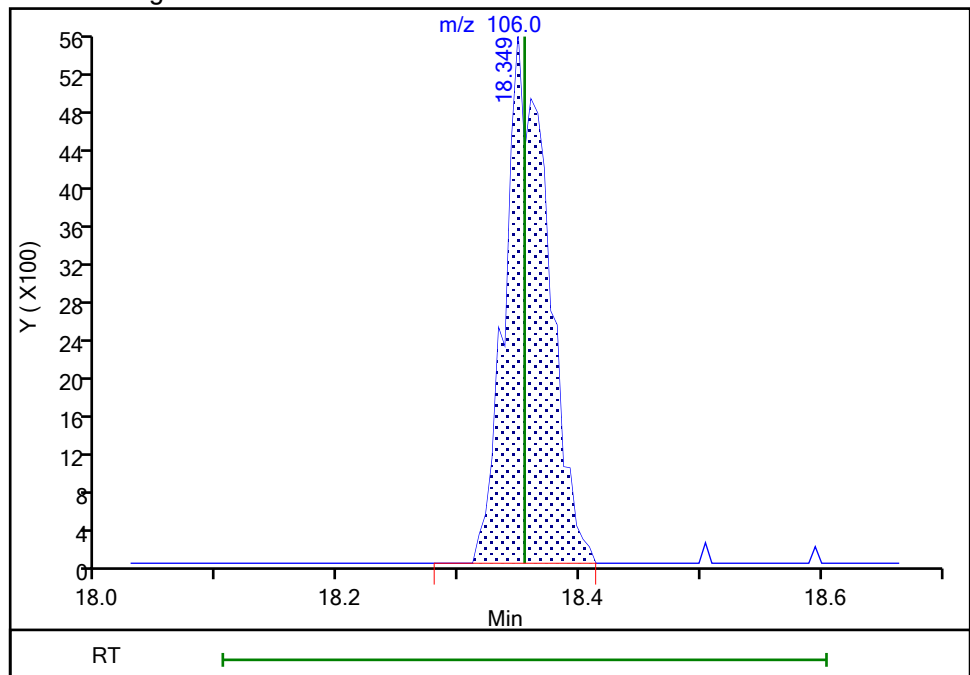
RT: 18.36  
Area: 8437  
Amount: 0.364772  
Amount Units: ppb v/v

## Processing Integration Results



RT: 18.35  
Area: 13819  
Amount: 0.557731  
Amount Units: ppb v/v

## Manual Integration Results



Reviewer: phamvu, 09-Dec-2020 18:26:04

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins TestAmerica, Burlington  
Target Compound Quantitation Report

Data File: \\chromfs\Burlington\ChromData\CHG.i\20201209-43976.b\200-43976-005.D  
 Lims ID: ic  
 Client ID:  
 Sample Type: IC Calib Level: 4  
 Inject. Date: 09-Dec-2020 14:03:30 ALS Bottle#: 4 Worklist Smp#: 5  
 Purge Vol: 200.000 mL Dil. Factor: 1.0000  
 Sample Info: 200-0043976-005  
 Misc. Info.: ic  
 Operator ID: ggg Instrument ID: CHG.i  
 Sublist: chrom-TO15\_MasterMethod\_(v1)\_G\*sub9  
 Method: \\chromfs\Burlington\ChromData\CHG.i\20201209-43976.b\TO15\_MasterMethod\_(v1)\_G.m  
 Limit Group: AI\_TO15\_ICAL  
 Last Update: 10-Dec-2020 11:28:55 Calib Date: 09-Dec-2020 17:31:30  
 Integrator: RTE ID Type: Deconvolution ID  
 Quant Method: Internal Standard Quant By: Initial Calibration  
 Last ICal File: \\chromfs\Burlington\ChromData\CHG.i\20201209-43976.b\200-43976-009.D  
 Column 1 : RTX-624 ( 0.32 mm) Det: MS SCAN  
 Process Host: CTX1664

First Level Reviewer: guazzonig

Date: 09-Dec-2020 15:06:09

| 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  | 3.049     | 3.049         | 0.000         | 94 | 26238    | 4.64            | 4.95              |       |
| 2 Dichlorodifluoromethane          | 85  | 3.107     | 3.108         | -0.001        | 98 | 177134   | 4.69            | 5.00              |       |
| 3 Chlorodifluoromethane            | 51  | 3.123     | 3.124         | -0.001        | 96 | 73875    | 4.71            | 4.88              |       |
| 4 1,2-Dichloro-1,1,2,2-tetrafluoro | 85  | 3.321     | 3.316         | 0.005         | 91 | 153530   | 4.68            | 5.00              |       |
| 5 Chloromethane                    | 50  | 3.391     | 3.391         | 0.000         | 99 | 32169    | 4.91            | 5.37              |       |
| 7 Vinyl chloride                   | 62  | 3.583     | 3.584         | -0.001        | 83 | 35917    | 4.67            | 4.79              |       |
| 6 Butane                           | 43  | 3.594     | 3.589         | 0.005         | 92 | 46936    | 4.66            | 4.96              |       |
| 8 Butadiene                        | 54  | 3.658     | 3.659         | -0.001        | 93 | 24888    | 4.55            | 4.81              |       |
| 10 Bromomethane                    | 94  | 4.135     | 4.135         | -0.001        | 96 | 49713    | 4.63            | 4.77              |       |
| 11 Chloroethane                    | 64  | 4.322     | 4.322         | 0.000         | 92 | 14553    | 4.67            | 4.65              |       |
| 12 2-Methylbutane                  | 43  | 4.493     | 4.488         | 0.005         | 87 | 35419    | 4.69            | 4.74              |       |
| 13 Vinyl bromide                   | 106 | 4.637     | 4.632         | 0.005         | 94 | 50276    | 4.68            | 4.77              |       |
| 14 Trichlorofluoromethane          | 101 | 4.760     | 4.766         | -0.006        | 97 | 162544   | 4.74            | 4.89              |       |
| 16 Pentane                         | 43  | 4.932     | 4.932         | 0.000         | 92 | 53984    | 4.55            | 4.89              |       |
| 17 Ethanol                         | 45  | 5.007     | 5.001         | 0.005         | 95 | 33019    | 8.99            | 10.9              |       |
| 18 Ethyl ether                     | 59  | 5.258     | 5.247         | 0.011         | 85 | 18000    | 4.53            | 4.61              |       |
| 19 Acrolein                        | 56  | 5.434     | 5.429         | 0.005         | 94 | 6085     | 4.37            | 3.98              |       |
| 21 1,1-Dichloroethene              | 96  | 5.632     | 5.633         | -0.001        | 98 | 48711    | 4.62            | 4.87              |       |
| 22 Acetone                         | 43  | 5.670     | 5.665         | 0.005         | 71 | 49638    | 4.60            | 5.59              |       |
| 20 112TCTFE                        | 101 | 5.681     | 5.675         | 0.006         | 94 | 110884   | 4.71            | 4.78              |       |
| 24 Isopropyl alcohol               | 45  | 5.911     | 5.905         | 0.006         | 99 | 56897    | 4.59            | 5.15              |       |
| 23 Carbon disulfide                | 76  | 6.007     | 6.007         | 0.000         | 98 | 130903   | 4.57            | 4.93              |       |
| 26 Acetonitrile                    | 41  | 6.087     | 6.087         | 0.000         | 96 | 19080    | 4.45            | 5.26              |       |
| 25 3-Chloro-1-propene              | 41  | 6.242     | 6.242         | 0.000         | 97 | 48614    | 4.79            | 5.44              |       |
| 27 Methylene Chloride              | 49  | 6.446     | 6.446         | 0.000         | 97 | 51540    | 4.62            | 4.96              |       |
| 28 2-Methyl-2-propanol             | 59  | 6.627     | 6.617         | 0.010         | 95 | 76232    | 4.84            | 5.33              |       |
| 32 Acrylonitrile                   | 53  | 6.799     | 6.799         | 0.000         | 89 | 18023    | 4.54            | 5.08              |       |
| 31 trans-1,2-Dichloroethene        | 61  | 6.938     | 6.943         | -0.005        | 97 | 68338    | 4.58            | 4.76              |       |
| 29 Methyl tert-butyl ether         | 73  | 6.959     | 6.954         | 0.005         | 95 | 104286   | 4.70            | 4.98              |       |
| 33 Hexane                          | 57  | 7.457     | 7.462         | -0.005        | 87 | 52044    | 4.76            | 5.11              |       |

| Compound                       | Sig | RT (min.) | Adj RT (min.) | Dlt RT (min.) | Q  | Response | Cal Amt ppb v/v | OnCol Amt ppb v/v | Flags |
|--------------------------------|-----|-----------|---------------|---------------|----|----------|-----------------|-------------------|-------|
| 34 1,1-Dichloroethane          | 63  | 7.671     | 7.660         | 0.011         | 98 | 75926    | 4.49            | 4.68              |       |
| 35 Vinyl acetate               | 43  | 7.681     | 7.682         | -0.001        | 99 | 79121    | 4.67            | 5.18              |       |
| 38 2-Butanone (MEK)            | 72  | 8.607     | 8.602         | 0.005         | 99 | 17936    | 4.65            | 5.25              |       |
| 37 cis-1,2-Dichloroethene      | 96  | 8.639     | 8.639         | 0.000         | 94 | 51460    | 4.54            | 4.83              |       |
| 39 Ethyl acetate               | 88  | 8.692     | 8.714         | -0.022        | 98 | 2624     | 4.55            | 5.66              |       |
| * 40 Chlorobromomethane        | 128 | 9.040     | 9.046         | -0.006        | 77 | 120832   | 10.0            | 10.0              |       |
| 41 Tetrahydrofuran             | 42  | 9.120     | 9.110         | 0.010         | 86 | 40442    | 4.49            | 6.42              |       |
| 42 Chloroform                  | 83  | 9.222     | 9.228         | -0.006        | 96 | 124973   | 4.54            | 4.91              |       |
| 44 1,1,1-Trichloroethane       | 97  | 9.564     | 9.559         | 0.005         | 96 | 142341   | 4.58            | 5.30              |       |
| S 30 1,2-Dichloroethene, Total | 61  |           |               |               | 0  |          | 9.12            | 9.59              |       |
| 43 Cyclohexane                 | 84  | 9.730     | 9.741         | -0.011        | 93 | 60032    | 4.56            | 5.10              |       |
| 45 Carbon tetrachloride        | 117 | 9.869     | 9.870         | -0.001        | 97 | 165981   | 4.57            | 5.37              |       |
| 47 Benzene                     | 78  | 10.212    | 10.212        | 0.000         | 97 | 150535   | 4.64            | 5.08              |       |
| 48 1,2-Dichloroethane          | 62  | 10.271    | 10.271        | 0.000         | 95 | 73922    | 4.66            | 4.99              |       |
| 46 Isooctane                   | 57  | 10.501    | 10.501        | 0.000         | 95 | 241914   | 4.70            | 5.54              |       |
| 49 n-Heptane                   | 43  | 10.848    | 10.843        | 0.005         | 91 | 96599    | 4.72            | 5.46              |       |
| * 50 1,4-Difluorobenzene       | 114 | 11.020    | 11.020        | 0.000         | 94 | 618835   | 10.0            | 10.0              |       |
| 52 n-Butanol                   | 56  | 11.276    | 11.277        | 0.000         | 93 | 31955    | 4.29            | 5.26              |       |
| 53 Trichloroethene             | 95  | 11.501    | 11.507        | -0.006        | 98 | 115710   | 4.73            | 5.55              |       |
| 54 1,2-Dichloropropane         | 63  | 11.999    | 11.993        | 0.006         | 83 | 63554    | 4.63            | 5.20              |       |
| 55 Methyl methacrylate         | 69  | 12.138    | 12.138        | 0.000         | 91 | 55990    | 4.57            | 5.95              |       |
| 56 1,4-Dioxane                 | 88  | 12.170    | 12.154        | 0.016         | 50 | 39053    | 4.75            | 6.22              |       |
| 57 Dibromomethane              | 174 | 12.159    | 12.159        | 0.000         | 95 | 111359   | 4.63            | 5.35              |       |
| 58 Dichlorobromomethane        | 83  | 12.512    | 12.518        | -0.006        | 98 | 173375   | 4.75            | 5.55              |       |
| 60 cis-1,3-Dichloropropene     | 75  | 13.416    | 13.411        | 0.005         | 96 | 116135   | 4.67            | 5.30              |       |
| 61 4-Methyl-2-pentanone (MIBK) | 43  | 13.716    | 13.711        | 0.005         | 98 | 135439   | 4.60            | 5.59              |       |
| 65 Toluene                     | 92  | 14.122    | 14.128        | -0.006        | 94 | 139007   | 4.57            | 4.78              |       |
| 64 n-Octane                    | 43  | 14.465    | 14.460        | 0.005         | 92 | 153763   | 4.64            | 5.72              |       |
| 66 trans-1,3-Dichloropropene   | 75  | 14.556    | 14.556        | 0.000         | 98 | 105761   | 4.44            | 5.28              |       |
| 67 1,1,2-Trichloroethane       | 83  | 14.952    | 14.952        | 0.000         | 91 | 77630    | 4.71            | 4.87              |       |
| 68 Tetrachloroethene           | 166 | 15.208    | 15.209        | -0.001        | 95 | 159131   | 4.72            | 5.00              |       |
| 69 2-Hexanone                  | 43  | 15.428    | 15.423        | 0.005         | 93 | 124266   | 4.49            | 5.01              |       |
| 71 Chlorodibromomethane        | 129 | 15.738    | 15.744        | -0.006        | 95 | 197371   | 4.35            | 4.73              |       |
| 72 Ethylene Dibromide          | 107 | 15.995    | 15.990        | 0.005         | 95 | 149770   | 4.77            | 5.14              |       |
| * 74 Chlorobenzene-d5          | 117 | 16.979    | 16.979        | 0.000         | 87 | 661638   | 10.0            | 10.0              |       |
| 75 Chlorobenzene               | 112 | 17.043    | 17.043        | 0.000         | 94 | 208825   | 4.71            | 5.00              |       |
| 76 Ethylbenzene                | 91  | 17.268    | 17.268        | 0.000         | 98 | 304897   | 4.59            | 4.64              |       |
| 78 m-Xylene & p-Xylene         | 106 | 17.546    | 17.552        | -0.006        | 0  | 241985   | 9.24            | 10.2              |       |
| 77 n-Nonane                    | 57  | 17.675    | 17.675        | 0.000         | 87 | 133919   | 4.71            | 5.05              |       |
| 79 o-Xylene                    | 106 | 18.359    | 18.354        | 0.005         | 97 | 119080   | 4.66            | 4.87              |       |
| 80 Styrene                     | 104 | 18.391    | 18.392        | -0.001        | 99 | 177709   | 4.64            | 4.90              |       |
| 81 Bromoform                   | 173 | 18.739    | 18.739        | 0.000         | 95 | 205399   | 4.62            | 5.54              |       |
| 82 Isopropylbenzene            | 105 | 19.146    | 19.146        | 0.000         | 96 | 340121   | 4.69            | 5.08              |       |
| S 73 Xylenes, Total            | 106 |           |               |               | 0  |          | 13.9            | 15.1              |       |
| 84 1,1,2,2-Tetrachloroethane   | 83  | 19.686    | 19.686        | 0.000         | 99 | 186861   | 4.65            | 5.05              |       |
| 86 1,2,3-Trichloropropane      | 75  | 19.788    | 19.788        | 0.000         | 96 | 141069   | 4.76            | 5.07              |       |
| 85 N-Propylbenzene             | 91  | 19.938    | 19.938        | 0.000         | 99 | 409087   | 4.67            | 5.10              |       |
| 89 2-Chlorotoluene             | 91  | 20.077    | 20.077        | 0.000         | 97 | 268920   | 4.69            | 4.98              |       |
| 88 4-Ethyltoluene              | 105 | 20.152    | 20.152        | 0.000         | 98 | 332963   | 4.64            | 4.98              |       |
| 90 1,3,5-Trimethylbenzene      | 105 | 20.259    | 20.259        | 0.000         | 93 | 293733   | 4.67            | 4.90              |       |
| 87 n-Decane                    | 57  | 20.333    | 20.334        | -0.001        | 92 | 143179   | 4.68            | 4.72              |       |
| 91 Alpha Methyl Styrene        | 118 | 20.606    | 20.601        | 0.005         | 88 | 138261   | 4.58            | 4.79              |       |

| Compound                   | Sig | RT (min.) | Adj RT (min.) | Dlt RT (min.) | Q  | Response | Cal Amt ppb v/v | OnCol Amt ppb v/v | Flags |
|----------------------------|-----|-----------|---------------|---------------|----|----------|-----------------|-------------------|-------|
| 92 tert-Butylbenzene       | 119 | 20.772    | 20.772        | 0.000         | 90 | 276015   | 4.66            | 5.02              |       |
| 93 1,2,4-Trimethylbenzene  | 105 | 20.863    | 20.863        | 0.000         | 98 | 298312   | 4.67            | 5.02              |       |
| 94 sec-Butylbenzene        | 105 | 21.120    | 21.115        | 0.005         | 99 | 406436   | 4.70            | 4.94              |       |
| 96 1,3-Dichlorobenzene     | 146 | 21.280    | 21.280        | 0.000         | 98 | 211990   | 4.75            | 4.85              |       |
| 95 4-Isopropyltoluene      | 119 | 21.350    | 21.350        | 0.000         | 97 | 335565   | 4.63            | 4.62              |       |
| 97 1,4-Dichlorobenzene     | 146 | 21.430    | 21.425        | 0.005         | 97 | 216537   | 4.70            | 4.88              |       |
| 98 Benzyl chloride         | 91  | 21.580    | 21.575        | 0.005         | 98 | 217095   | 4.75            | 4.90              |       |
| 100 n-Butylbenzene         | 91  | 21.922    | 21.922        | 0.000         | 98 | 308248   | 4.67            | 4.93              |       |
| 101 1,2-Dichlorobenzene    | 146 | 21.928    | 21.922        | 0.006         | 96 | 209511   | 4.69            | 4.85              |       |
| 99 Undecane                | 57  | 22.104    | 22.104        | 0.000         | 94 | 141340   | 4.70            | 4.63              |       |
| 102 Dodecane               | 57  | 23.677    | 23.677        | 0.000         | 97 | 127413   | 4.21            | 5.06              |       |
| 103 1,2,4-Trichlorobenzene | 180 | 24.335    | 24.335        | 0.000         | 94 | 161288   | 4.88            | 4.94              |       |
| 104 Hexachlorobutadiene    | 225 | 24.597    | 24.597        | 0.000         | 95 | 201575   | 4.61            | 4.88              |       |
| 105 Naphthalene            | 128 | 24.790    | 24.785        | 0.006         | 99 | 284963   | 4.37            | 4.49              |       |
| 106 1,2,3-Trichlorobenzene | 180 | 25.186    | 25.191        | -0.005        | 95 | 127422   | 4.10            | 4.07              |       |
| 123 Methylcyclohexane      | 83  |           | 0.000         |               |    |          | ND              | ND                |       |

**QC Flag Legend**

Processing Flags

ND - Not Detected or Marked ND

**Reagents:**

ATTO15CAL3w\_00228

Amount Added: 180.00

Units: mL

ATTO15GIS\_00017

Amount Added: 20.00

Units: mL

Run Reagent



Report Date: 10-Dec-2020 11:28:56

Chrom Revision: 2.3 12-Nov-2020 21:52:08

Eurofins TestAmerica, Burlington

Data File: \\chromfs\Burlington\ChromData\CHG.i\20201209-43976.b\200-43976-005.D

Injection Date: 09-Dec-2020 14:03:30

Instrument ID: CHG.i

Operator ID: ggg

Lims ID: ic

Worklist Smp#: 5

Client ID:

Purge Vol: 200.000 mL

Dil. Factor: 1.0000

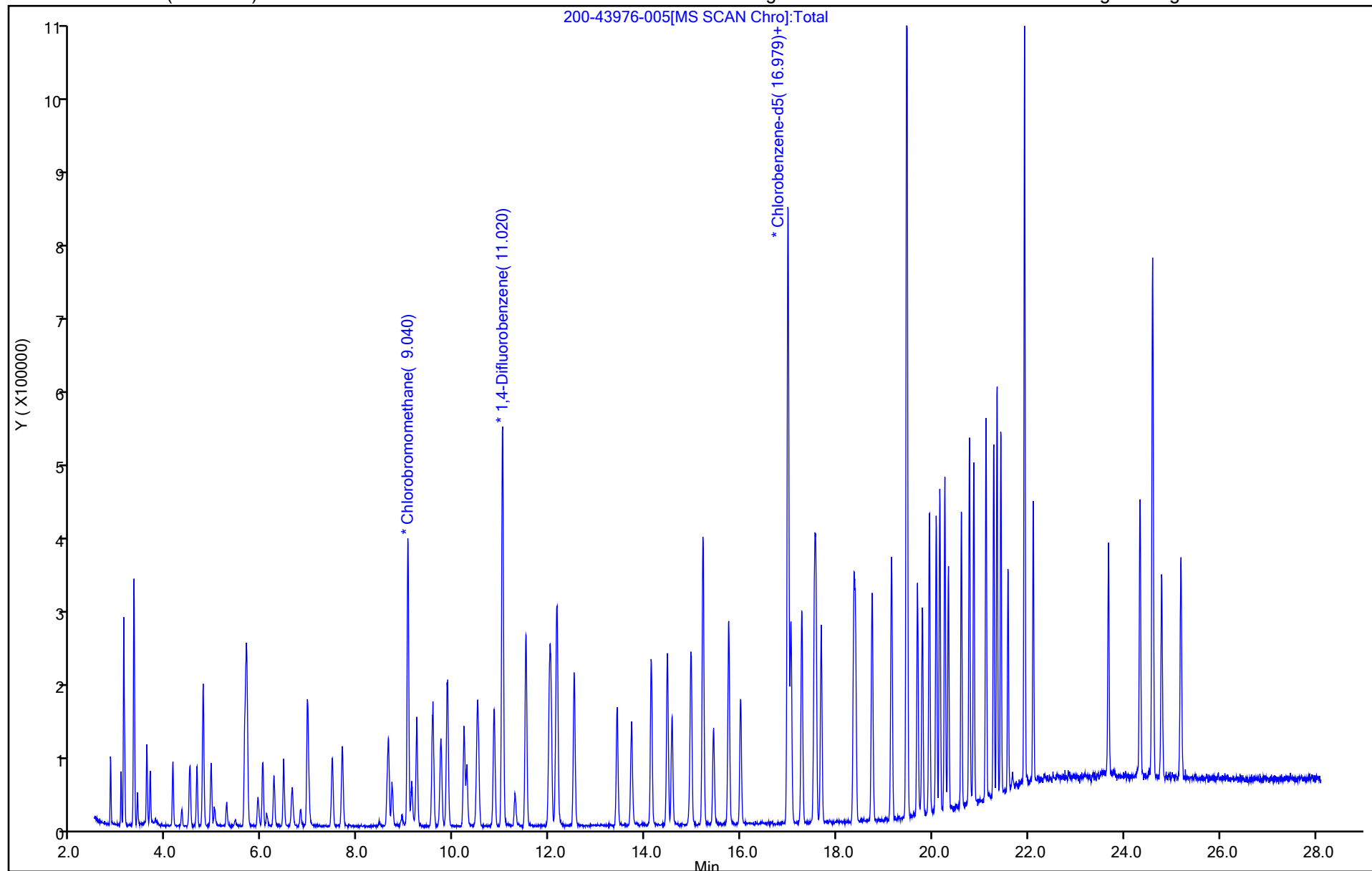
ALS Bottle#: 4

Method: TO15\_MasterMethod\_(v1)\_G

Limit Group: AI\_TO15\_ICAL

Column: RTX-624 ( 0.32 mm)

Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



Eurofins TestAmerica, Burlington  
Target Compound Quantitation Report

Data File: \\chromfs\Burlington\ChromData\CHG.i\20201209-43976.b\200-43976-006.D  
 Lims ID: icis  
 Client ID:  
 Sample Type: ICIS Calib Level: 5  
 Inject. Date: 09-Dec-2020 14:55:30 ALS Bottle#: 5 Worklist Smp#: 6  
 Purge Vol: 200.000 mL Dil. Factor: 1.0000  
 Sample Info: 200-0043976-006  
 Misc. Info.: icis  
 Operator ID: ggg Instrument ID: CHG.i  
 Sublist: chrom-TO15\_MasterMethod\_(v1)\_G\*sub9  
 Method: \\chromfs\Burlington\ChromData\CHG.i\20201209-43976.b\TO15\_MasterMethod\_(v1)\_G.m  
 Limit Group: AI\_TO15\_ICAL  
 Last Update: 10-Dec-2020 11:28:57 Calib Date: 09-Dec-2020 17:31:30  
 Integrator: RTE ID Type: Deconvolution ID  
 Quant Method: Internal Standard Quant By: Initial Calibration  
 Last ICal File: \\chromfs\Burlington\ChromData\CHG.i\20201209-43976.b\200-43976-009.D  
 Column 1 : RTX-624 ( 0.32 mm) Det: MS SCAN  
 Process Host: CTX1664

First Level Reviewer: phamvu

Date: 09-Dec-2020 18:47:21

| Compound                           | Sig | RT<br>(min.) | Adj RT<br>(min.) | Dlt RT<br>(min.) | Q  | Response | Cal Amt<br>ppb v/v | OnCol Amt<br>ppb v/v | Flags |
|------------------------------------|-----|--------------|------------------|------------------|----|----------|--------------------|----------------------|-------|
| 1 Propene                          | 41  | 3.049        | 3.049            | 0.000            | 94 | 56983    | 10.3               | 9.90                 |       |
| 2 Dichlorodifluoromethane          | 85  | 3.108        | 3.108            | 0.000            | 99 | 366821   | 10.4               | 9.53                 |       |
| 3 Chlorodifluoromethane            | 51  | 3.124        | 3.124            | 0.000            | 96 | 155570   | 10.5               | 9.46                 |       |
| 4 1,2-Dichloro-1,1,2,2-tetrafluoro | 85  | 3.316        | 3.316            | 0.000            | 89 | 316865   | 10.4               | 9.50                 |       |
| 5 Chloromethane                    | 50  | 3.391        | 3.391            | 0.000            | 98 | 62972    | 10.9               | 9.68                 |       |
| 7 Vinyl chloride                   | 62  | 3.584        | 3.584            | 0.000            | 97 | 75977    | 10.4               | 9.34                 |       |
| 6 Butane                           | 43  | 3.589        | 3.589            | 0.000            | 92 | 96678    | 10.4               | 9.41                 |       |
| 8 Butadiene                        | 54  | 3.659        | 3.659            | 0.000            | 90 | 51150    | 10.1               | 9.10                 |       |
| 10 Bromomethane                    | 94  | 4.135        | 4.135            | 0.000            | 96 | 105032   | 10.3               | 9.28                 |       |
| 11 Chloroethane                    | 64  | 4.322        | 4.322            | 0.000            | 93 | 31198    | 10.4               | 9.18                 |       |
| 12 2-Methylbutane                  | 43  | 4.488        | 4.488            | 0.000            | 86 | 74511    | 10.4               | 9.18                 |       |
| 13 Vinyl bromide                   | 106 | 4.632        | 4.632            | 0.000            | 93 | 107568   | 10.4               | 9.40                 |       |
| 14 Trichlorofluoromethane          | 101 | 4.766        | 4.766            | 0.000            | 98 | 346950   | 10.6               | 9.61                 |       |
| 16 Pentane                         | 43  | 4.932        | 4.932            | 0.000            | 95 | 112169   | 10.1               | 9.36                 |       |
| 17 Ethanol                         | 45  | 5.001        | 5.001            | 0.000            | 96 | 45796    | 15.0               | 14.0                 |       |
| 18 Ethyl ether                     | 59  | 5.247        | 5.247            | 0.000            | 90 | 41415    | 10.1               | 9.77                 |       |
| 19 Acrolein                        | 56  | 5.429        | 5.429            | 0.000            | 98 | 16288    | 9.72               | 9.81                 |       |
| 21 1,1-Dichloroethene              | 96  | 5.633        | 5.633            | 0.000            | 97 | 95374    | 10.3               | 8.79                 |       |
| 22 Acetone                         | 43  | 5.665        | 5.665            | 0.000            | 66 | 103137   | 10.2               | 10.7                 |       |
| 20 112TCTFE                        | 101 | 5.675        | 5.675            | 0.000            | 97 | 229126   | 10.5               | 9.10                 |       |
| 24 Isopropyl alcohol               | 45  | 5.905        | 5.905            | 0.000            | 98 | 121100   | 10.2               | 10.1                 |       |
| 23 Carbon disulfide                | 76  | 6.007        | 6.007            | 0.000            | 98 | 270751   | 10.2               | 9.39                 |       |
| 26 Acetonitrile                    | 41  | 6.087        | 6.087            | 0.000            | 98 | 39468    | 9.90               | 10.0                 |       |
| 25 3-Chloro-1-propene              | 41  | 6.242        | 6.242            | 0.000            | 94 | 83139    | 10.6               | 8.57                 |       |
| 27 Methylene Chloride              | 49  | 6.446        | 6.446            | 0.000            | 93 | 103147   | 10.3               | 9.15                 |       |
| 28 2-Methyl-2-propanol             | 59  | 6.617        | 6.617            | 0.000            | 96 | 161755   | 10.8               | 10.4                 |       |
| 32 Acrylonitrile                   | 53  | 6.799        | 6.799            | 0.000            | 92 | 38159    | 10.1               | 9.90                 |       |
| 31 trans-1,2-Dichloroethene        | 61  | 6.943        | 6.943            | 0.000            | 96 | 138430   | 10.2               | 8.88                 |       |
| 29 Methyl tert-butyl ether         | 73  | 6.954        | 6.954            | 0.000            | 94 | 216611   | 10.4               | 9.53                 |       |
| 33 Hexane                          | 57  | 7.462        | 7.462            | 0.000            | 84 | 103277   | 10.6               | 9.33                 |       |

| Compound                       | Sig | RT (min.) | Adj RT (min.) | Dlt RT (min.) | Q  | Response | Cal Amt ppb v/v | OnCol Amt ppb v/v | Flags |
|--------------------------------|-----|-----------|---------------|---------------|----|----------|-----------------|-------------------|-------|
| 34 1,1-Dichloroethane          | 63  | 7.660     | 7.660         | 0.000         | 97 | 153435   | 10.0            | 8.72              |       |
| 35 Vinyl acetate               | 43  | 7.682     | 7.682         | 0.000         | 99 | 174366   | 10.4            | 10.5              |       |
| 38 2-Butanone (MEK)            | 72  | 8.602     | 8.602         | 0.000         | 99 | 33814    | 10.3            | 9.12              |       |
| 37 cis-1,2-Dichloroethene      | 96  | 8.639     | 8.639         | 0.000         | 93 | 101867   | 10.1            | 8.81              |       |
| 39 Ethyl acetate               | 88  | 8.714     | 8.714         | 0.000         | 98 | 5049     | 10.1            | 10.0              |       |
| * 40 Chlorobromomethane        | 128 | 9.046     | 9.046         | 0.000         | 77 | 131206   | 10.0            | 10.0              |       |
| 41 Tetrahydrofuran             | 42  | 9.110     | 9.110         | 0.000         | 85 | 74146    | 9.99            | 9.02              |       |
| 42 Chloroform                  | 83  | 9.228     | 9.228         | 0.000         | 97 | 255408   | 10.1            | 9.24              |       |
| 44 1,1,1-Trichloroethane       | 97  | 9.559     | 9.559         | 0.000         | 95 | 296269   | 10.2            | 8.46              |       |
| S 30 1,2-Dichloroethene, Total | 61  |           |               |               | 0  |          | 20.3            | 17.7              |       |
| 43 Cyclohexane                 | 84  | 9.741     | 9.741         | 0.000         | 93 | 123999   | 10.1            | 8.08              |       |
| 45 Carbon tetrachloride        | 117 | 9.870     | 9.870         | 0.000         | 97 | 347122   | 10.2            | 8.61              |       |
| 47 Benzene                     | 78  | 10.212    | 10.212        | 0.000         | 96 | 346142   | 10.3            | 8.94              |       |
| 48 1,2-Dichloroethane          | 62  | 10.271    | 10.271        | 0.000         | 98 | 174965   | 10.4            | 9.06              |       |
| 46 Isooctane                   | 57  | 10.501    | 10.501        | 0.000         | 95 | 495425   | 10.5            | 8.69              |       |
| 49 n-Heptane                   | 43  | 10.843    | 10.843        | 0.000         | 93 | 200685   | 10.5            | 8.69              |       |
| * 50 1,4-Difluorobenzene       | 114 | 11.020    | 11.020        | 0.000         | 94 | 807502   | 10.0            | 10.0              |       |
| 52 n-Butanol                   | 56  | 11.277    | 11.277        | 0.000         | 93 | 68023    | 9.55            | 8.59              |       |
| 53 Trichloroethene             | 95  | 11.507    | 11.507        | 0.000         | 97 | 241816   | 10.5            | 8.89              |       |
| 54 1,2-Dichloropropane         | 63  | 11.993    | 11.993        | 0.000         | 85 | 138324   | 10.3            | 8.67              |       |
| 55 Methyl methacrylate         | 69  | 12.138    | 12.138        | 0.000         | 92 | 108836   | 10.2            | 8.86              |       |
| 56 1,4-Dioxane                 | 88  | 12.154    | 12.154        | 0.000         | 49 | 83399    | 10.6            | 10.2              |       |
| 57 Dibromomethane              | 174 | 12.159    | 12.159        | 0.000         | 94 | 237555   | 10.3            | 8.74              |       |
| 58 Dichlorobromomethane        | 83  | 12.518    | 12.518        | 0.000         | 97 | 372587   | 10.6            | 9.14              |       |
| 60 cis-1,3-Dichloropropene     | 75  | 13.411    | 13.411        | 0.000         | 95 | 264957   | 10.4            | 9.27              |       |
| 61 4-Methyl-2-pentanone (MIBK) | 43  | 13.711    | 13.711        | 0.000         | 98 | 276910   | 10.2            | 8.75              |       |
| 65 Toluene                     | 92  | 14.128    | 14.128        | 0.000         | 94 | 286080   | 10.2            | 8.39              |       |
| 64 n-Octane                    | 43  | 14.460    | 14.460        | 0.000         | 91 | 312897   | 10.3            | 8.93              |       |
| 66 trans-1,3-Dichloropropene   | 75  | 14.556    | 14.556        | 0.000         | 98 | 223011   | 9.88            | 8.54              |       |
| 67 1,1,2-Trichloroethane       | 83  | 14.952    | 14.952        | 0.000         | 97 | 159570   | 10.5            | 8.53              |       |
| 68 Tetrachloroethene           | 166 | 15.209    | 15.209        | 0.000         | 96 | 333142   | 10.5            | 8.92              |       |
| 69 2-Hexanone                  | 43  | 15.423    | 15.423        | 0.000         | 93 | 259450   | 9.99            | 8.92              |       |
| 71 Chlorodibromomethane        | 129 | 15.744    | 15.744        | 0.000         | 96 | 445040   | 9.68            | 9.09              |       |
| 72 Ethylene Dibromide          | 107 | 15.990    | 15.990        | 0.000         | 96 | 323548   | 10.6            | 9.47              |       |
| * 74 Chlorobenzene-d5          | 117 | 16.979    | 16.979        | 0.000         | 86 | 776158   | 10.0            | 10.0              |       |
| 75 Chlorobenzene               | 112 | 17.043    | 17.043        | 0.000         | 94 | 463884   | 10.5            | 9.47              |       |
| 76 Ethylbenzene                | 91  | 17.268    | 17.268        | 0.000         | 99 | 632901   | 10.2            | 8.21              |       |
| 78 m-Xylene & p-Xylene         | 106 | 17.552    | 17.552        | 0.000         | 0  | 492861   | 20.6            | 17.7              |       |
| 77 n-Nonane                    | 57  | 17.675    | 17.675        | 0.000         | 88 | 291472   | 10.5            | 9.37              |       |
| 79 o-Xylene                    | 106 | 18.354    | 18.354        | 0.000         | 97 | 240023   | 10.4            | 8.37              |       |
| 80 Styrene                     | 104 | 18.392    | 18.392        | 0.000         | 99 | 388152   | 10.3            | 9.12              |       |
| 81 Bromoform                   | 173 | 18.739    | 18.739        | 0.000         | 95 | 445763   | 10.3            | 10.3              |       |
| 82 Isopropylbenzene            | 105 | 19.146    | 19.146        | 0.000         | 97 | 721768   | 10.4            | 9.19              |       |
| S 73 Xylenes, Total            | 106 |           |               |               | 0  |          | 30.9            | 26.1              |       |
| 84 1,1,2,2-Tetrachloroethane   | 83  | 19.686    | 19.686        | 0.000         | 99 | 377586   | 10.3            | 8.69              |       |
| 86 1,2,3-Trichloropropane      | 75  | 19.788    | 19.788        | 0.000         | 97 | 302018   | 10.6            | 9.25              |       |
| 85 N-Propylbenzene             | 91  | 19.938    | 19.938        | 0.000         | 99 | 863657   | 10.4            | 9.19              |       |
| 89 2-Chlorotoluene             | 91  | 20.077    | 20.077        | 0.000         | 97 | 583405   | 10.4            | 9.21              |       |
| 88 4-Ethyltoluene              | 105 | 20.152    | 20.152        | 0.000         | 99 | 727519   | 10.3            | 9.28              |       |
| 90 1,3,5-Trimethylbenzene      | 105 | 20.259    | 20.259        | 0.000         | 92 | 638013   | 10.4            | 9.06              |       |
| 87 n-Decane                    | 57  | 20.334    | 20.334        | 0.000         | 92 | 346574   | 10.4            | 9.74              |       |
| 91 Alpha Methyl Styrene        | 118 | 20.601    | 20.601        | 0.000         | 87 | 318785   | 10.2            | 9.42              |       |

| Compound                   | Sig | RT (min.) | Adj RT (min.) | Dlt RT (min.) | Q  | Response | Cal Amt ppb v/v | OnCol Amt ppb v/v | Flags |
|----------------------------|-----|-----------|---------------|---------------|----|----------|-----------------|-------------------|-------|
| 92 tert-Butylbenzene       | 119 | 20.772    | 20.772        | 0.000         | 90 | 598697   | 10.4            | 9.29              |       |
| 93 1,2,4-Trimethylbenzene  | 105 | 20.863    | 20.863        | 0.000         | 98 | 642484   | 10.4            | 9.21              |       |
| 94 sec-Butylbenzene        | 105 | 21.115    | 21.115        | 0.000         | 98 | 897425   | 10.5            | 9.29              |       |
| 96 1,3-Dichlorobenzene     | 146 | 21.280    | 21.280        | 0.000         | 98 | 489275   | 10.6            | 9.54              |       |
| 95 4-Isopropyltoluene      | 119 | 21.350    | 21.350        | 0.000         | 97 | 777269   | 10.3            | 9.13              |       |
| 97 1,4-Dichlorobenzene     | 146 | 21.425    | 21.425        | 0.000         | 95 | 491050   | 10.5            | 9.43              |       |
| 98 Benzyl chloride         | 91  | 21.575    | 21.575        | 0.000         | 98 | 496361   | 10.6            | 9.56              |       |
| 100 n-Butylbenzene         | 91  | 21.922    | 21.922        | 0.000         | 98 | 695842   | 10.4            | 9.48              |       |
| 101 1,2-Dichlorobenzene    | 146 | 21.922    | 21.922        | 0.000         | 98 | 478508   | 10.4            | 9.43              |       |
| 99 Undecane                | 57  | 22.104    | 22.104        | 0.000         | 95 | 345286   | 10.5            | 9.63              |       |
| 102 Dodecane               | 57  | 23.677    | 23.677        | 0.000         | 96 | 244974   | 9.36            | 8.30              |       |
| 103 1,2,4-Trichlorobenzene | 180 | 24.335    | 24.335        | 0.000         | 92 | 394161   | 10.9            | 10.3              |       |
| 104 Hexachlorobutadiene    | 225 | 24.597    | 24.597        | 0.000         | 96 | 440706   | 10.3            | 9.09              |       |
| 105 Naphthalene            | 128 | 24.785    | 24.785        | 0.000         | 99 | 720421   | 9.72            | 9.68              |       |
| 106 1,2,3-Trichlorobenzene | 180 | 25.191    | 25.191        | 0.000         | 96 | 321588   | 9.12            | 8.75              |       |
| 123 Methylcyclohexane      | 83  |           | 0.000         |               |    |          | ND              | ND                |       |

**QC Flag Legend**

Processing Flags

ND - Not Detected or Marked ND

**Reagents:**

ATTO15CAL4w\_00753

Amount Added: 200.00

Units: mL

ATTO15GIS\_00017

Amount Added: 20.00

Units: mL

Run Reagent

Report Date: 10-Dec-2020 11:28:58

Chrom Revision: 2.3 12-Nov-2020 21:52:08

Eurofins TestAmerica, Burlington

Data File: \\chromfs\Burlington\ChromData\CHG.i\20201209-43976.b\200-43976-006.D

Injection Date: 09-Dec-2020 14:55:30

Instrument ID: CHG.i

Operator ID: ggg

Lims ID: icis

Worklist Smp#: 6

Client ID:

Purge Vol: 200.000 mL

Dil. Factor: 1.0000

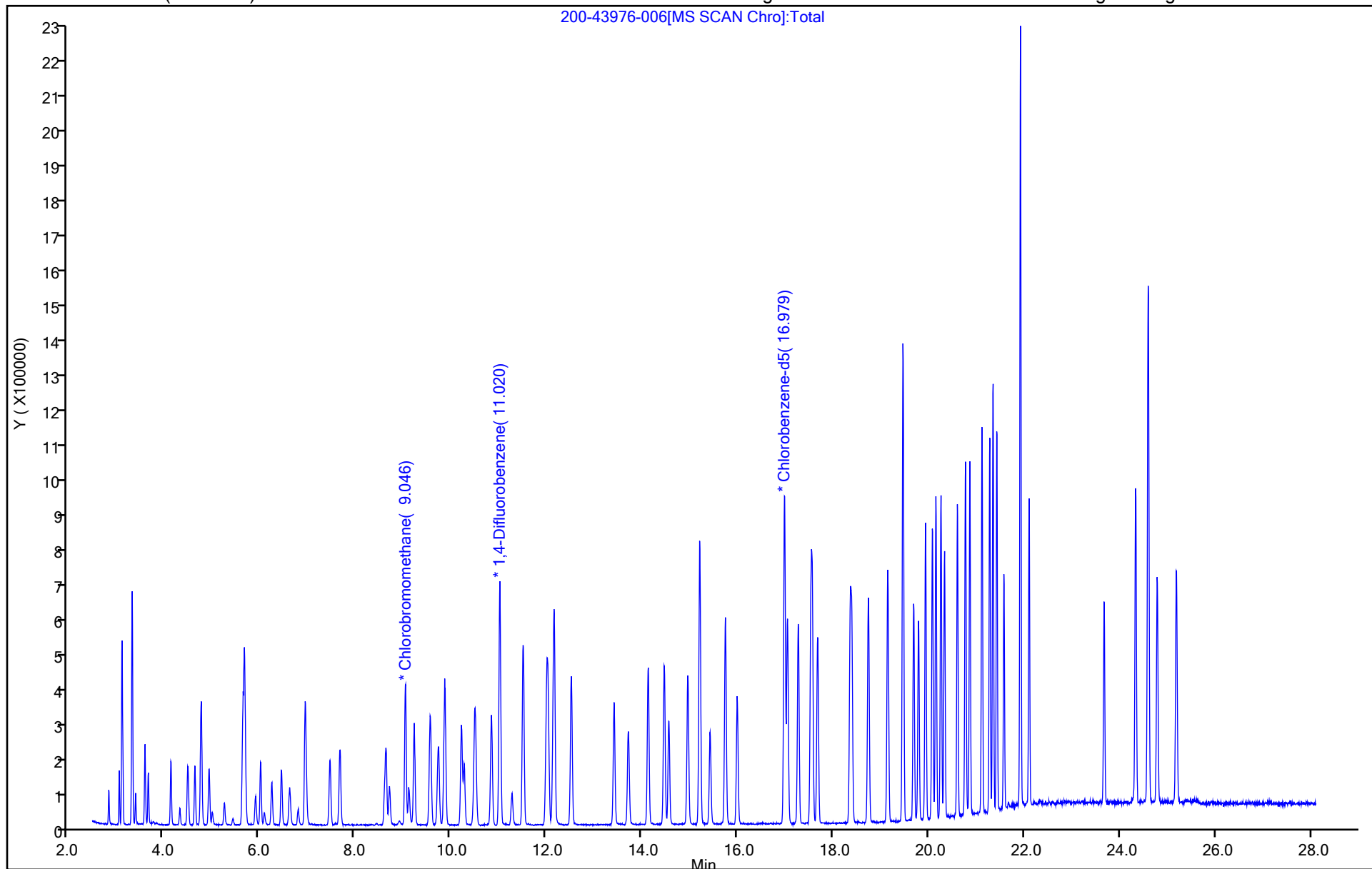
ALS Bottle#: 5

Method: TO15\_MasterMethod\_(v1)\_G

Limit Group: AI\_TO15\_ICAL

Column: RTX-624 ( 0.32 mm)

Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



Eurofins TestAmerica, Burlington  
Target Compound Quantitation Report

Data File: \\chromfs\Burlington\ChromData\CHG.i\20201209-43976.b\200-43976-007.D  
 Lims ID: ic  
 Client ID:  
 Sample Type: IC Calib Level: 6  
 Inject. Date: 09-Dec-2020 15:47:30 ALS Bottle#: 6 Worklist Smp#: 7  
 Purge Vol: 200.000 mL Dil. Factor: 1.0000  
 Sample Info: 200-0043976-007  
 Misc. Info.: ic  
 Operator ID: ggg Instrument ID: CHG.i  
 Sublist: chrom-TO15\_MasterMethod\_(v1)\_G\*sub9  
 Method: \\chromfs\Burlington\ChromData\CHG.i\20201209-43976.b\TO15\_MasterMethod\_(v1)\_G.m  
 Limit Group: AI\_TO15\_ICAL  
 Last Update: 10-Dec-2020 11:28:58 Calib Date: 09-Dec-2020 17:31:30  
 Integrator: RTE ID Type: Deconvolution ID  
 Quant Method: Internal Standard Quant By: Initial Calibration  
 Last ICal File: \\chromfs\Burlington\ChromData\CHG.i\20201209-43976.b\200-43976-009.D  
 Column 1 : RTX-624 ( 0.32 mm) Det: MS SCAN  
 Process Host: CTX1664

First Level Reviewer: phamvu

Date: 09-Dec-2020 18:31:07

| Compound                           | Sig | RT<br>(min.) | Adj RT<br>(min.) | Dlt RT<br>(min.) | Q  | Response | Cal Amt<br>ppb v/v | OnCol Amt<br>ppb v/v | Flags |
|------------------------------------|-----|--------------|------------------|------------------|----|----------|--------------------|----------------------|-------|
| 1 Propene                          | 41  | 3.054        | 3.049            | 0.005            | 97 | 88147    | 15.5               | 15.1                 |       |
| 2 Dichlorodifluoromethane          | 85  | 3.107        | 3.108            | -0.001           | 99 | 565005   | 15.7               | 14.4                 |       |
| 3 Chlorodifluoromethane            | 51  | 3.129        | 3.124            | 0.005            | 97 | 235006   | 15.7               | 14.0                 |       |
| 4 1,2-Dichloro-1,1,2,2-tetrafluoro | 85  | 3.321        | 3.316            | 0.005            | 90 | 488827   | 15.6               | 14.4                 |       |
| 5 Chloromethane                    | 50  | 3.396        | 3.391            | 0.005            | 98 | 98568    | 16.4               | 14.9                 |       |
| 7 Vinyl chloride                   | 62  | 3.589        | 3.584            | 0.005            | 98 | 117642   | 15.6               | 14.2                 |       |
| 6 Butane                           | 43  | 3.594        | 3.589            | 0.005            | 92 | 153483   | 15.5               | 14.7                 |       |
| 8 Butadiene                        | 54  | 3.658        | 3.659            | -0.001           | 89 | 80891    | 15.2               | 14.1                 |       |
| 10 Bromomethane                    | 94  | 4.135        | 4.135            | 0.000            | 96 | 161337   | 15.5               | 14.0                 |       |
| 11 Chloroethane                    | 64  | 4.322        | 4.322            | 0.000            | 95 | 48882    | 15.6               | 14.1                 |       |
| 12 2-Methylbutane                  | 43  | 4.488        | 4.488            | 0.000            | 88 | 115453   | 15.7               | 14.0                 |       |
| 13 Vinyl bromide                   | 106 | 4.632        | 4.632            | 0.000            | 95 | 169645   | 15.6               | 14.6                 |       |
| 14 Trichlorofluoromethane          | 101 | 4.766        | 4.766            | 0.000            | 97 | 554923   | 15.8               | 15.1                 |       |
| 16 Pentane                         | 43  | 4.932        | 4.932            | 0.000            | 90 | 169996   | 15.2               | 13.9                 |       |
| 17 Ethanol                         | 45  | 5.007        | 5.001            | 0.006            | 94 | 61228    | 20.0               | 18.3                 |       |
| 18 Ethyl ether                     | 59  | 5.247        | 5.247            | 0.000            | 91 | 58436    | 15.1               | 13.5                 |       |
| 19 Acrolein                        | 56  | 5.435        | 5.429            | 0.006            | 98 | 27796    | 14.6               | 16.4                 |       |
| 21 1,1-Dichloroethene              | 96  | 5.638        | 5.633            | 0.005            | 98 | 151165   | 15.4               | 13.7                 |       |
| 22 Acetone                         | 43  | 5.665        | 5.665            | 0.000            | 72 | 156140   | 15.4               | 15.9                 |       |
| 20 112TCTFE                        | 101 | 5.670        | 5.675            | -0.005           | 95 | 365174   | 15.7               | 14.3                 |       |
| 24 Isopropyl alcohol               | 45  | 5.900        | 5.905            | -0.005           | 99 | 178263   | 15.3               | 14.6                 |       |
| 23 Carbon disulfide                | 76  | 6.012        | 6.007            | 0.005            | 98 | 409179   | 15.2               | 13.9                 |       |
| 26 Acetonitrile                    | 41  | 6.087        | 6.087            | 0.000            | 95 | 63706    | 14.9               | 15.9                 | a     |
| 25 3-Chloro-1-propene              | 41  | 6.242        | 6.242            | 0.000            | 95 | 155173   | 16.0               | 15.7                 | a     |
| 27 Methylene Chloride              | 49  | 6.451        | 6.446            | 0.005            | 94 | 160964   | 15.4               | 14.0                 |       |
| 28 2-Methyl-2-propanol             | 59  | 6.617        | 6.617            | 0.000            | 96 | 244581   | 16.2               | 15.5                 |       |
| 32 Acrylonitrile                   | 53  | 6.793        | 6.799            | -0.006           | 90 | 65716    | 15.2               | 16.8                 |       |
| 31 trans-1,2-Dichloroethene        | 61  | 6.938        | 6.943            | -0.005           | 94 | 216486   | 15.3               | 13.6                 |       |
| 29 Methyl tert-butyl ether         | 73  | 6.954        | 6.954            | 0.000            | 95 | 341839   | 15.7               | 14.8                 |       |
| 33 Hexane                          | 57  | 7.467        | 7.462            | 0.005            | 84 | 164256   | 15.9               | 14.6                 |       |

| Compound                       | Sig | RT (min.) | Adj RT (min.) | Dlt RT (min.) | Q   | Response | Cal Amt ppb v/v | OnCol Amt ppb v/v | Flags |
|--------------------------------|-----|-----------|---------------|---------------|-----|----------|-----------------|-------------------|-------|
| 34 1,1-Dichloroethane          | 63  | 7.671     | 7.660         | 0.011         | 99  | 241681   | 15.0            | 13.5              |       |
| 35 Vinyl acetate               | 43  | 7.681     | 7.682         | -0.001        | 99  | 288894   | 15.6            | 17.1              |       |
| 38 2-Butanone (MEK)            | 72  | 8.612     | 8.602         | 0.010         | 100 | 51515    | 15.5            | 13.7              |       |
| 37 cis-1,2-Dichloroethene      | 96  | 8.644     | 8.639         | 0.005         | 94  | 164005   | 15.2            | 13.9              |       |
| 39 Ethyl acetate               | 88  | 8.714     | 8.714         | 0.000         | 98  | 7860     | 15.2            | 15.3              |       |
| * 40 Chlorobromomethane        | 128 | 9.046     | 9.046         | 0.000         | 76  | 133546   | 10.0            | 10.0              |       |
| 41 Tetrahydrofuran             | 42  | 9.115     | 9.110         | 0.005         | 82  | 112889   | 15.0            | 13.5              |       |
| 42 Chloroform                  | 83  | 9.227     | 9.228         | -0.001        | 97  | 398841   | 15.2            | 14.2              |       |
| 44 1,1,1-Trichloroethane       | 97  | 9.565     | 9.559         | 0.005         | 95  | 470976   | 15.3            | 13.2              |       |
| S 30 1,2-Dichloroethene, Total | 61  |           |               |               | 0   |          | 30.5            | 27.6              |       |
| 43 Cyclohexane                 | 84  | 9.736     | 9.741         | -0.005        | 92  | 192902   | 15.2            | 12.4              |       |
| 45 Carbon tetrachloride        | 117 | 9.864     | 9.870         | -0.006        | 97  | 562216   | 15.2            | 13.7              |       |
| 47 Benzene                     | 78  | 10.217    | 10.212        | 0.005         | 96  | 542076   | 15.5            | 13.8              |       |
| 48 1,2-Dichloroethane          | 62  | 10.276    | 10.271        | 0.005         | 97  | 278167   | 15.5            | 14.2              |       |
| 46 Isooctane                   | 57  | 10.501    | 10.501        | 0.000         | 95  | 770634   | 15.7            | 13.3              |       |
| 49 n-Heptane                   | 43  | 10.843    | 10.843        | 0.000         | 92  | 311316   | 15.8            | 13.3              |       |
| * 50 1,4-Difluorobenzene       | 114 | 11.020    | 11.020        | 0.000         | 94  | 820804   | 10.0            | 10.0              |       |
| 52 n-Butanol                   | 56  | 11.276    | 11.277        | 0.000         | 95  | 101318   | 14.3            | 12.6              |       |
| 53 Trichloroethene             | 95  | 11.506    | 11.507        | -0.001        | 97  | 378598   | 15.8            | 13.7              |       |
| 54 1,2-Dichloropropane         | 63  | 11.999    | 11.993        | 0.006         | 86  | 220906   | 15.5            | 13.6              |       |
| 55 Methyl methacrylate         | 69  | 12.138    | 12.138        | 0.000         | 91  | 165811   | 15.2            | 13.3              |       |
| 56 1,4-Dioxane                 | 88  | 12.154    | 12.154        | 0.000         | 47  | 121027   | 15.9            | 14.5              |       |
| 57 Dibromomethane              | 174 | 12.164    | 12.159        | 0.005         | 94  | 375852   | 15.5            | 13.6              |       |
| 58 Dichlorobromomethane        | 83  | 12.518    | 12.518        | 0.000         | 98  | 576193   | 15.9            | 13.9              |       |
| 60 cis-1,3-Dichloropropene     | 75  | 13.411    | 13.411        | 0.000         | 96  | 402018   | 15.6            | 13.8              |       |
| 61 4-Methyl-2-pentanone (MIBK) | 43  | 13.711    | 13.711        | 0.000         | 98  | 435752   | 15.4            | 13.6              |       |
| 65 Toluene                     | 92  | 14.128    | 14.128        | 0.000         | 93  | 469105   | 15.2            | 14.2              |       |
| 64 n-Octane                    | 43  | 14.465    | 14.460        | 0.005         | 92  | 476671   | 15.5            | 13.4              |       |
| 66 trans-1,3-Dichloropropene   | 75  | 14.561    | 14.556        | 0.005         | 98  | 359048   | 14.8            | 13.5              |       |
| 67 1,1,2-Trichloroethane       | 83  | 14.957    | 14.952        | 0.005         | 96  | 276722   | 15.7            | 15.3              |       |
| 68 Tetrachloroethene           | 166 | 15.208    | 15.209        | -0.001        | 95  | 529781   | 15.8            | 14.7              |       |
| 69 2-Hexanone                  | 43  | 15.422    | 15.423        | -0.001        | 93  | 406511   | 15.0            | 14.5              |       |
| 71 Chlorodibromomethane        | 129 | 15.743    | 15.744        | -0.001        | 96  | 714883   | 14.5            | 15.1              |       |
| 72 Ethylene Dibromide          | 107 | 15.995    | 15.990        | 0.005         | 97  | 520288   | 15.9            | 15.8              |       |
| * 74 Chlorobenzene-d5          | 117 | 16.979    | 16.979        | 0.000         | 87  | 749545   | 10.0            | 10.0              |       |
| 75 Chlorobenzene               | 112 | 17.043    | 17.043        | 0.000         | 95  | 727161   | 15.7            | 15.4              |       |
| 76 Ethylbenzene                | 91  | 17.268    | 17.268        | 0.000         | 99  | 1051126  | 15.3            | 14.1              |       |
| 78 m-Xylene & p-Xylene         | 106 | 17.557    | 17.552        | 0.005         | 0   | 808764   | 30.8            | 30.1              |       |
| 77 n-Nonane                    | 57  | 17.675    | 17.675        | 0.000         | 86  | 462316   | 15.7            | 15.4              |       |
| 79 o-Xylene                    | 106 | 18.359    | 18.354        | 0.005         | 97  | 398221   | 15.5            | 14.4              |       |
| 80 Styrene                     | 104 | 18.392    | 18.392        | 0.000         | 99  | 626159   | 15.5            | 15.2              |       |
| 81 Bromoform                   | 173 | 18.739    | 18.739        | 0.000         | 95  | 766209   | 15.4            | 18.2              |       |
| 82 Isopropylbenzene            | 105 | 19.146    | 19.146        | 0.000         | 97  | 1176451  | 15.6            | 15.5              |       |
| S 73 Xylenes, Total            | 106 |           |               |               | 0   |          | 46.4            | 44.4              |       |
| 84 1,1,2,2-Tetrachloroethane   | 83  | 19.686    | 19.686        | 0.000         | 99  | 601194   | 15.5            | 14.3              |       |
| 86 1,2,3-Trichloropropane      | 75  | 19.788    | 19.788        | 0.000         | 96  | 469910   | 15.9            | 14.9              |       |
| 85 N-Propylbenzene             | 91  | 19.932    | 19.938        | -0.006        | 99  | 1392631  | 15.6            | 15.3              |       |
| 89 2-Chlorotoluene             | 91  | 20.077    | 20.077        | 0.000         | 98  | 936607   | 15.7            | 15.3              |       |
| 88 4-Ethyltoluene              | 105 | 20.152    | 20.152        | 0.000         | 99  | 1182077  | 15.5            | 15.6              |       |
| 90 1,3,5-Trimethylbenzene      | 105 | 20.259    | 20.259        | 0.000         | 92  | 1022328  | 15.6            | 15.0              |       |
| 87 n-Decane                    | 57  | 20.333    | 20.334        | -0.001        | 92  | 563235   | 15.6            | 16.4              |       |
| 91 Alpha Methyl Styrene        | 118 | 20.601    | 20.601        | 0.000         | 92  | 529512   | 15.3            | 16.2              |       |

| Compound                   | Sig | RT (min.) | Adj RT (min.) | Dlt RT (min.) | Q  | Response | Cal Amt ppb v/v | OnCol Amt ppb v/v | Flags |
|----------------------------|-----|-----------|---------------|---------------|----|----------|-----------------|-------------------|-------|
| 92 tert-Butylbenzene       | 119 | 20.772    | 20.772        | 0.000         | 90 | 962507   | 15.5            | 15.5              |       |
| 93 1,2,4-Trimethylbenzene  | 105 | 20.863    | 20.863        | 0.000         | 98 | 1035672  | 15.6            | 15.4              |       |
| 94 sec-Butylbenzene        | 105 | 21.120    | 21.115        | 0.005         | 98 | 1458477  | 15.7            | 15.6              |       |
| 96 1,3-Dichlorobenzene     | 146 | 21.280    | 21.280        | 0.000         | 97 | 770286   | 15.9            | 15.6              |       |
| 95 4-Isopropyltoluene      | 119 | 21.350    | 21.350        | 0.000         | 97 | 1241973  | 15.5            | 15.1              |       |
| 97 1,4-Dichlorobenzene     | 146 | 21.430    | 21.425        | 0.005         | 95 | 772559   | 15.7            | 15.4              |       |
| 98 Benzyl chloride         | 91  | 21.575    | 21.575        | 0.000         | 98 | 756648   | 15.9            | 15.1              |       |
| 100 n-Butylbenzene         | 91  | 21.922    | 21.922        | 0.000         | 98 | 1174221  | 15.6            | 16.6              |       |
| 101 1,2-Dichlorobenzene    | 146 | 21.928    | 21.922        | 0.006         | 97 | 781609   | 15.7            | 16.0              |       |
| 99 Undecane                | 57  | 22.104    | 22.104        | 0.000         | 93 | 574016   | 15.7            | 16.6              |       |
| 102 Dodecane               | 57  | 23.677    | 23.677        | 0.000         | 96 | 307472   | 14.0            | 10.8              |       |
| 103 1,2,4-Trichlorobenzene | 180 | 24.335    | 24.335        | 0.000         | 94 | 549482   | 16.3            | 14.9              |       |
| 104 Hexachlorobutadiene    | 225 | 24.597    | 24.597        | 0.000         | 97 | 682660   | 15.4            | 14.6              |       |
| 105 Naphthalene            | 128 | 24.790    | 24.785        | 0.006         | 99 | 943804   | 14.6            | 13.1              |       |
| 106 1,2,3-Trichlorobenzene | 180 | 25.191    | 25.191        | 0.000         | 96 | 445535   | 13.7            | 12.5              |       |
| 123 Methylcyclohexane      | 83  |           | 0.000         |               |    |          | ND              | ND                |       |

**QC Flag Legend**

## Processing Flags

ND - Not Detected or Marked ND

## Review Flags

a - User Assigned ID

**Reagents:**

ATTO15CAL5w\_00100

Amount Added: 200.00

Units: mL

ATTO15GIS\_00017

Amount Added: 20.00

Units: mL

Run Reagent



Report Date: 10-Dec-2020 11:28:59

Chrom Revision: 2.3 12-Nov-2020 21:52:08

Eurofins TestAmerica, Burlington

Data File: \\chromfs\Burlington\ChromData\CHG.i\20201209-43976.b\200-43976-007.D

Injection Date: 09-Dec-2020 15:47:30

Instrument ID: CHG.i

Operator ID: ggg

Lims ID: ic

Worklist Smp#: 7

Client ID:

Purge Vol: 200.000 mL

Dil. Factor: 1.0000

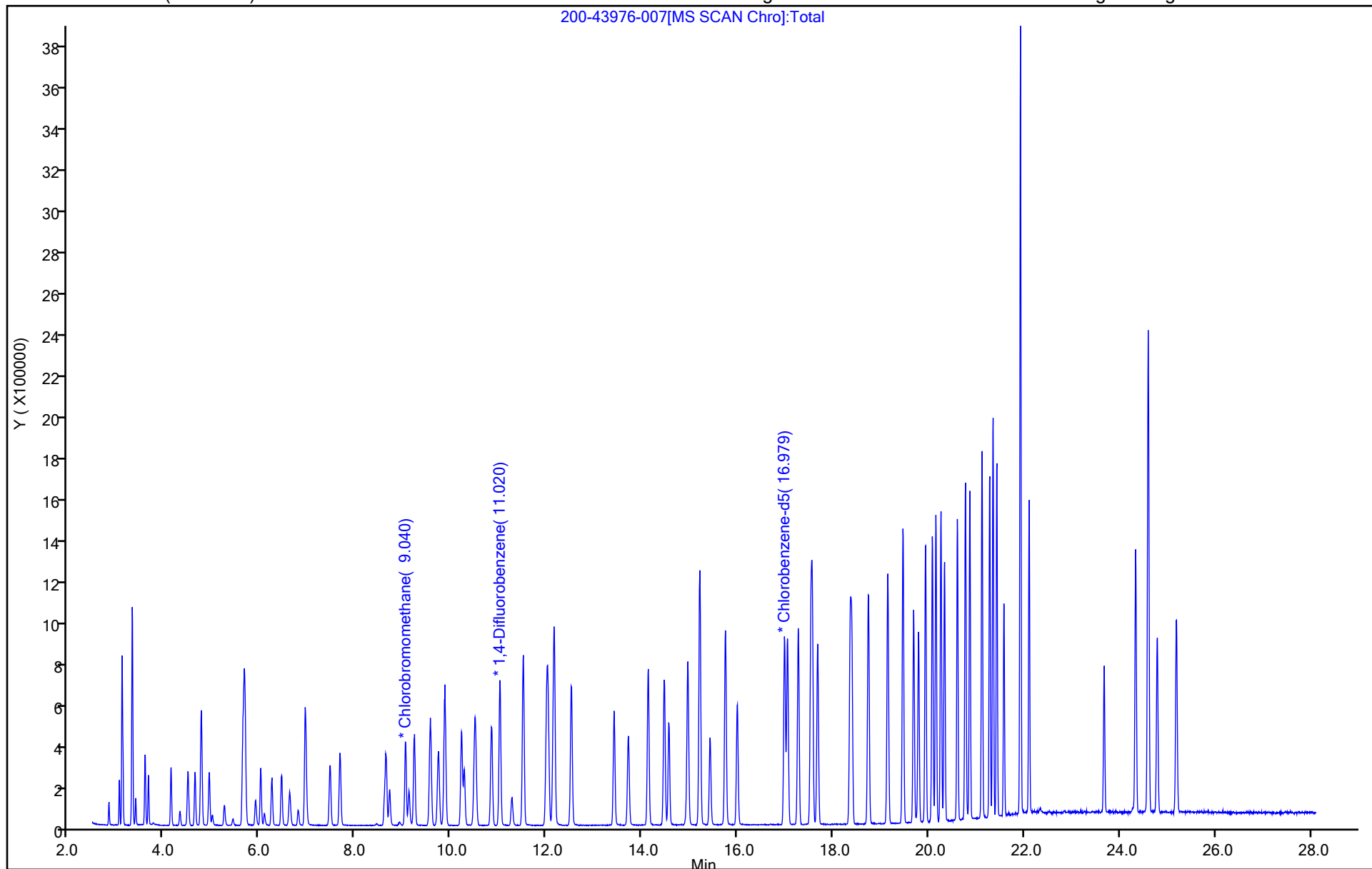
ALS Bottle#: 6

Method: TO15\_MasterMethod\_(v1)\_G

Limit Group: AI\_TO15\_ICAL

Column: RTX-624 ( 0.32 mm)

Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



## Eurofins TestAmerica, Burlington

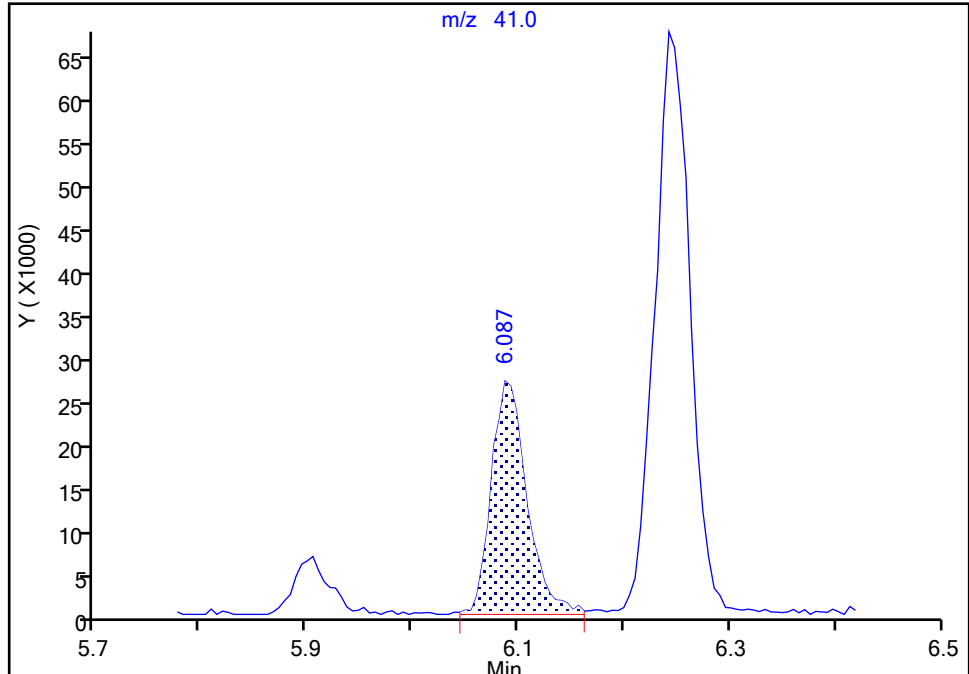
Data File: \\chromfs\Burlington\ChromData\CHG.i\20201209-43976.b\200-43976-007.D  
Injection Date: 09-Dec-2020 15:47:30 Instrument ID: CHG.i  
Lims ID: ic  
Client ID:  
Operator ID: ggg ALS Bottle#: 6 Worklist Smp#: 7  
Purge Vol: 200.000 mL Dil. Factor: 1.0000  
Method: TO15\_MasterMethod\_(v1)\_G Limit Group: AI\_TO15\_ICAL  
Column: RTX-624 ( 0.32 mm) Detector: MS SCAN

**26 Acetonitrile, CAS: 75-05-8**

Signal: 1

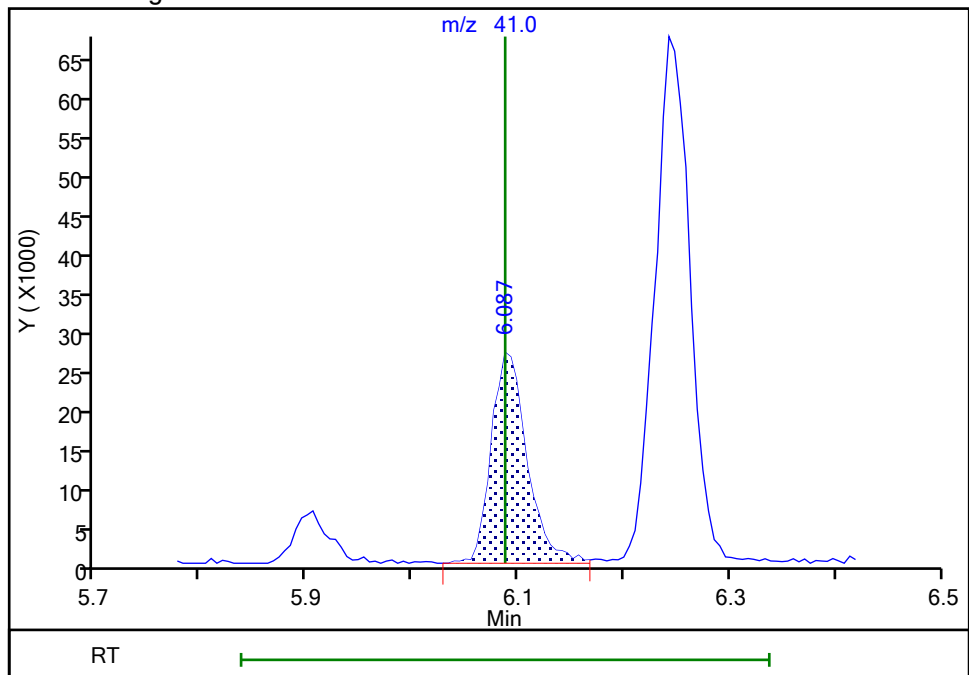
RT: 6.09  
Area: 63487  
Amount: 9.714824  
Amount Units: ppb v/v

## Processing Integration Results



RT: 6.09  
Area: 63706  
Amount: 15.891628  
Amount Units: ppb v/v

## Manual Integration Results



Reviewer: phamvu, 09-Dec-2020 18:30:09

Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

## Eurofins TestAmerica, Burlington

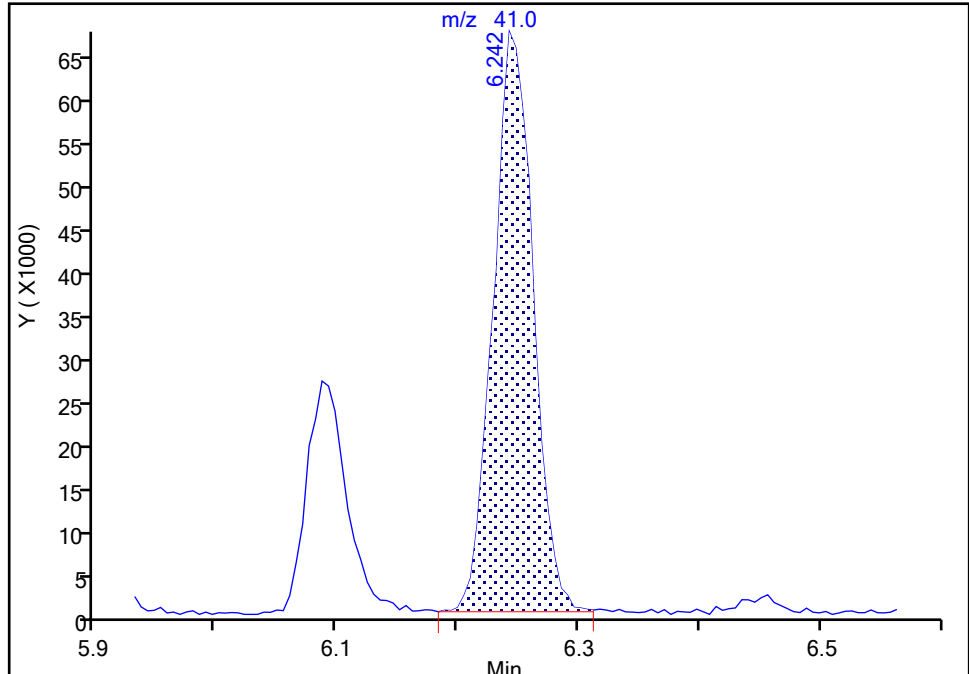
Data File: \\chromfs\Burlington\ChromData\CHG.i\20201209-43976.b\200-43976-007.D  
Injection Date: 09-Dec-2020 15:47:30 Instrument ID: CHG.i  
Lims ID: ic  
Client ID:  
Operator ID: ggg ALS Bottle#: 6 Worklist Smp#: 7  
Purge Vol: 200.000 mL Dil. Factor: 1.0000  
Method: TO15\_MasterMethod\_(v1)\_G Limit Group: AI\_TO15\_ICAL  
Column: RTX-624 ( 0.32 mm) Detector: MS SCAN

**25 3-Chloro-1-propene, CAS: 107-05-1**

Signal: 1

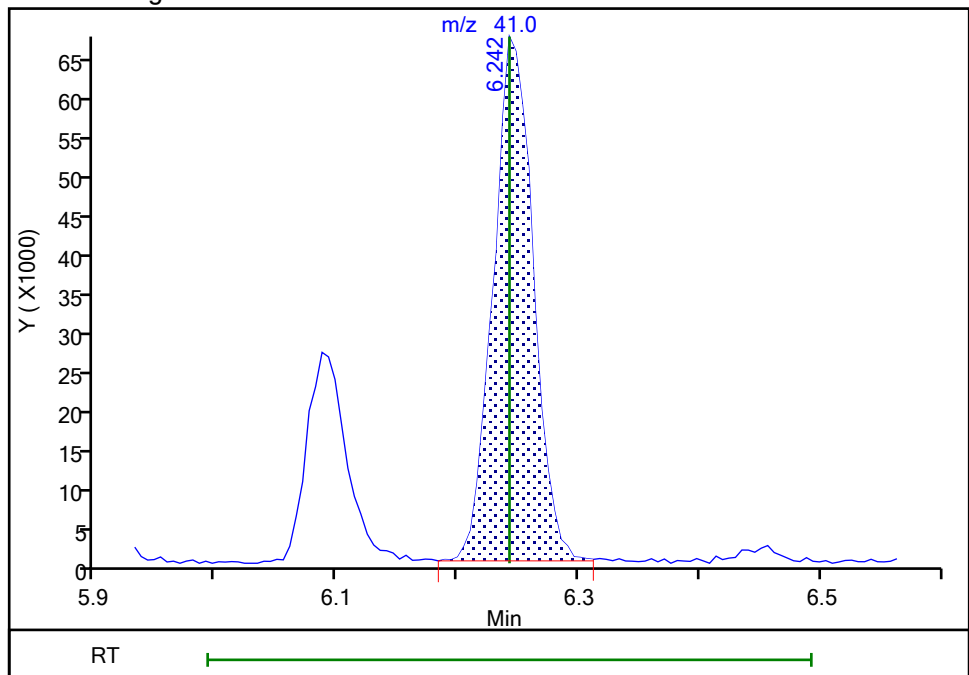
RT: 6.24  
Area: 155173  
Amount: 15.714221  
Amount Units: ppb v/v

## Processing Integration Results



RT: 6.24  
Area: 155173  
Amount: 15.714221  
Amount Units: ppb v/v

## Manual Integration Results



Reviewer: phamvu, 09-Dec-2020 18:30:14

Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

Eurofins TestAmerica, Burlington  
Target Compound Quantitation Report

Data File: \\chromfs\Burlington\ChromData\CHG.i\20201209-43976.b\200-43976-008.D  
 Lims ID: ic  
 Client ID:  
 Sample Type: IC Calib Level: 7  
 Inject. Date: 09-Dec-2020 16:39:30 ALS Bottle#: 7 Worklist Smp#: 8  
 Purge Vol: 200.000 mL Dil. Factor: 1.0000  
 Sample Info: 200-0043976-008  
 Misc. Info.: ic  
 Operator ID: ggg Instrument ID: CHG.i  
 Sublist: chrom-TO15\_MasterMethod\_(v1)\_G\*sub9  
 Method: \\chromfs\Burlington\ChromData\CHG.i\20201209-43976.b\TO15\_MasterMethod\_(v1)\_G.m  
 Limit Group: AI\_TO15\_ICAL  
 Last Update: 10-Dec-2020 11:29:00 Calib Date: 09-Dec-2020 17:31:30  
 Integrator: RTE ID Type: Deconvolution ID  
 Quant Method: Internal Standard Quant By: Initial Calibration  
 Last ICal File: \\chromfs\Burlington\ChromData\CHG.i\20201209-43976.b\200-43976-009.D  
 Column 1 : RTX-624 ( 0.32 mm) Det: MS SCAN  
 Process Host: CTX1664

First Level Reviewer: phamvu

Date: 09-Dec-2020 18:31:39

| Compound                           | Sig | RT<br>(min.) | Adj RT<br>(min.) | Dlt RT<br>(min.) | Q  | Response | Cal Amt<br>ppb v/v | OnCol Amt<br>ppb v/v | Flags |
|------------------------------------|-----|--------------|------------------|------------------|----|----------|--------------------|----------------------|-------|
| 1 Propene                          | 41  | 3.048        | 3.049            | -0.001           | 94 | 116396   | 20.6               | 21.3                 |       |
| 2 Dichlorodifluoromethane          | 85  | 3.107        | 3.108            | -0.001           | 99 | 743112   | 20.9               | 20.3                 |       |
| 3 Chlorodifluoromethane            | 51  | 3.123        | 3.124            | -0.001           | 96 | 304528   | 21.0               | 19.5                 |       |
| 4 1,2-Dichloro-1,1,2,2-tetrafluoro | 85  | 3.321        | 3.316            | 0.005            | 88 | 640797   | 20.8               | 20.2                 |       |
| 5 Chloromethane                    | 50  | 3.391        | 3.391            | 0.000            | 99 | 131871   | 21.8               | 21.3                 |       |
| 7 Vinyl chloride                   | 62  | 3.583        | 3.584            | -0.001           | 97 | 154963   | 20.8               | 20.0                 |       |
| 6 Butane                           | 43  | 3.594        | 3.589            | 0.005            | 92 | 199188   | 20.7               | 20.4                 |       |
| 8 Butadiene                        | 54  | 3.658        | 3.659            | -0.001           | 89 | 106524   | 20.2               | 19.9                 |       |
| 10 Bromomethane                    | 94  | 4.129        | 4.135            | -0.006           | 96 | 209555   | 20.6               | 19.5                 |       |
| 11 Chloroethane                    | 64  | 4.322        | 4.322            | 0.000            | 94 | 64771    | 20.8               | 20.0                 |       |
| 12 2-Methylbutane                  | 43  | 4.488        | 4.488            | 0.000            | 86 | 149445   | 20.9               | 19.3                 |       |
| 13 Vinyl bromide                   | 106 | 4.637        | 4.632            | 0.005            | 94 | 220176   | 20.8               | 20.2                 |       |
| 14 Trichlorofluoromethane          | 101 | 4.766        | 4.766            | 0.000            | 98 | 718472   | 21.1               | 20.9                 |       |
| 16 Pentane                         | 43  | 4.932        | 4.932            | 0.000            | 93 | 222636   | 20.3               | 19.5                 |       |
| 17 Ethanol                         | 45  | 5.001        | 5.001            | 0.000            | 95 | 114598   | 40.0               | 36.7                 |       |
| 18 Ethyl ether                     | 59  | 5.253        | 5.247            | 0.006            | 94 | 72061    | 20.2               | 17.9                 |       |
| 19 Acrolein                        | 56  | 5.424        | 5.429            | -0.005           | 97 | 27486    | 19.4               | 17.4                 |       |
| 21 1,1-Dichloroethene              | 96  | 5.638        | 5.633            | 0.005            | 98 | 196301   | 20.6               | 19.0                 |       |
| 22 Acetone                         | 43  | 5.664        | 5.665            | -0.001           | 59 | 155171   | 20.5               | 16.9                 |       |
| 20 112TCTFE                        | 101 | 5.670        | 5.675            | -0.005           | 94 | 470938   | 21.0               | 19.7                 |       |
| 24 Isopropyl alcohol               | 45  | 5.900        | 5.905            | -0.005           | 99 | 240868   | 20.4               | 21.1                 |       |
| 23 Carbon disulfide                | 76  | 6.012        | 6.007            | 0.005            | 98 | 545792   | 20.3               | 19.9                 |       |
| 26 Acetonitrile                    | 41  | 6.087        | 6.087            | 0.000            | 96 | 63208    | 19.8               | 16.9                 |       |
| 25 3-Chloro-1-propene              | 41  | 6.242        | 6.242            | 0.000            | 93 | 200117   | 21.3               | 21.7                 |       |
| 27 Methylene Chloride              | 49  | 6.446        | 6.446            | 0.000            | 95 | 206996   | 20.6               | 19.3                 |       |
| 28 2-Methyl-2-propanol             | 59  | 6.622        | 6.617            | 0.005            | 97 | 329688   | 21.6               | 22.3                 |       |
| 32 Acrylonitrile                   | 53  | 6.793        | 6.799            | -0.006           | 92 | 65680    | 20.2               | 17.9                 |       |
| 31 trans-1,2-Dichloroethene        | 61  | 6.943        | 6.943            | 0.000            | 96 | 279684   | 20.4               | 18.9                 |       |
| 29 Methyl tert-butyl ether         | 73  | 6.959        | 6.954            | 0.005            | 94 | 422978   | 20.9               | 19.6                 |       |
| 33 Hexane                          | 57  | 7.462        | 7.462            | 0.000            | 85 | 211158   | 21.2               | 20.1                 |       |

| Compound                       | Sig | RT (min.) | Adj RT (min.) | Dlt RT (min.) | Q  | Response | Cal Amt ppb v/v | OnCol Amt ppb v/v | Flags |
|--------------------------------|-----|-----------|---------------|---------------|----|----------|-----------------|-------------------|-------|
| 34 1,1-Dichloroethane          | 63  | 7.665     | 7.660         | 0.005         | 98 | 303039   | 20.0            | 18.1              |       |
| 35 Vinyl acetate               | 43  | 7.676     | 7.682         | -0.006        | 99 | 285542   | 20.8            | 18.1              |       |
| 38 2-Butanone (MEK)            | 72  | 8.601     | 8.602         | -0.001        | 99 | 61096    | 20.7            | 17.3              |       |
| 37 cis-1,2-Dichloroethene      | 96  | 8.639     | 8.639         | 0.000         | 93 | 202697   | 20.2            | 18.4              |       |
| 39 Ethyl acetate               | 88  | 8.708     | 8.714         | -0.006        | 98 | 9162     | 20.3            | 19.1              |       |
| * 40 Chlorobromomethane        | 128 | 9.045     | 9.046         | -0.001        | 74 | 124837   | 10.0            | 10.0              |       |
| 41 Tetrahydrofuran             | 42  | 9.115     | 9.110         | 0.005         | 84 | 129459   | 20.0            | 18.2              |       |
| 42 Chloroform                  | 83  | 9.227     | 9.228         | -0.001        | 96 | 511694   | 20.2            | 19.4              |       |
| 44 1,1,1-Trichloroethane       | 97  | 9.564     | 9.559         | 0.005         | 95 | 603336   | 20.4            | 19.9              |       |
| S 30 1,2-Dichloroethene, Total | 61  |           |               |               | 0  |          | 40.6            | 37.3              |       |
| 43 Cyclohexane                 | 84  | 9.736     | 9.741         | -0.005        | 93 | 245438   | 20.3            | 18.5              |       |
| 45 Carbon tetrachloride        | 117 | 9.864     | 9.870         | -0.006        | 97 | 733011   | 20.3            | 21.0              |       |
| 47 Benzene                     | 78  | 10.217    | 10.212        | 0.005         | 96 | 591882   | 20.7            | 17.7              |       |
| 48 1,2-Dichloroethane          | 62  | 10.271    | 10.271        | 0.000         | 97 | 320303   | 20.7            | 19.2              |       |
| 46 Isooctane                   | 57  | 10.501    | 10.501        | 0.000         | 95 | 972189   | 20.9            | 19.7              |       |
| 49 n-Heptane                   | 43  | 10.843    | 10.843        | 0.000         | 93 | 386828   | 21.0            | 19.4              |       |
| * 50 1,4-Difluorobenzene       | 114 | 11.020    | 11.020        | 0.000         | 95 | 697500   | 10.0            | 10.0              |       |
| 52 n-Butanol                   | 56  | 11.271    | 11.277        | -0.005        | 91 | 143765   | 19.1            | 21.0              |       |
| 53 Trichloroethene             | 95  | 11.506    | 11.507        | -0.001        | 97 | 491437   | 21.1            | 20.9              |       |
| 54 1,2-Dichloropropane         | 63  | 11.999    | 11.993        | 0.006         | 82 | 239378   | 20.6            | 17.4              |       |
| 55 Methyl methacrylate         | 69  | 12.138    | 12.138        | 0.000         | 90 | 215144   | 20.3            | 20.3              |       |
| 56 1,4-Dioxane                 | 88  | 12.154    | 12.154        | 0.000         | 47 | 150826   | 21.2            | 21.3              |       |
| 57 Dibromomethane              | 174 | 12.159    | 12.159        | 0.000         | 94 | 480988   | 20.6            | 20.5              |       |
| 58 Dichlorobromomethane        | 83  | 12.517    | 12.518        | -0.001        | 98 | 731127   | 21.1            | 20.8              |       |
| 60 cis-1,3-Dichloropropene     | 75  | 13.411    | 13.411        | 0.000         | 96 | 478129   | 20.8            | 19.4              |       |
| 61 4-Methyl-2-pentanone (MIBK) | 43  | 13.705    | 13.711        | -0.006        | 98 | 568560   | 20.5            | 20.8              |       |
| 65 Toluene                     | 92  | 14.128    | 14.128        | 0.000         | 93 | 542044   | 20.3            | 16.9              |       |
| 64 n-Octane                    | 43  | 14.465    | 14.460        | 0.005         | 90 | 599091   | 20.7            | 19.8              |       |
| 66 trans-1,3-Dichloropropene   | 75  | 14.556    | 14.556        | 0.000         | 98 | 432679   | 19.8            | 19.2              |       |
| 67 1,1,2-Trichloroethane       | 83  | 14.952    | 14.952        | 0.000         | 97 | 302726   | 21.0            | 17.2              |       |
| 68 Tetrachloroethene           | 166 | 15.214    | 15.209        | 0.005         | 96 | 694395   | 21.0            | 19.8              |       |
| 69 2-Hexanone                  | 43  | 15.422    | 15.423        | -0.001        | 93 | 534233   | 20.0            | 19.6              |       |
| 71 Chlorodibromomethane        | 129 | 15.743    | 15.744        | -0.001        | 96 | 872310   | 19.4            | 19.0              |       |
| 72 Ethylene Dibromide          | 107 | 15.995    | 15.990        | 0.005         | 97 | 628413   | 21.2            | 19.6              |       |
| * 74 Chlorobenzene-d5          | 117 | 16.979    | 16.979        | 0.000         | 86 | 728535   | 10.0            | 10.0              |       |
| 75 Chlorobenzene               | 112 | 17.043    | 17.043        | 0.000         | 95 | 929072   | 21.0            | 20.2              |       |
| 76 Ethylbenzene                | 91  | 17.268    | 17.268        | 0.000         | 98 | 1310740  | 20.4            | 18.1              |       |
| 78 m-Xylene & p-Xylene         | 106 | 17.557    | 17.552        | 0.005         | 0  | 1023826  | 41.1            | 39.1              |       |
| 77 n-Nonane                    | 57  | 17.675    | 17.675        | 0.000         | 85 | 566956   | 21.0            | 19.4              |       |
| 79 o-Xylene                    | 106 | 18.359    | 18.354        | 0.005         | 98 | 502507   | 20.7            | 18.7              |       |
| 80 Styrene                     | 104 | 18.391    | 18.392        | -0.001        | 99 | 831050   | 20.6            | 20.8              |       |
| 81 Bromoform                   | 173 | 18.739    | 18.739        | 0.000         | 95 | 950871   | 20.6            | 23.3              |       |
| 82 Isopropylbenzene            | 105 | 19.146    | 19.146        | 0.000         | 97 | 1530520  | 20.9            | 20.8              |       |
| S 73 Xylenes, Total            | 106 |           |               |               | 0  |          | 61.8            | 57.8              |       |
| 84 1,1,2,2-Tetrachloroethane   | 83  | 19.686    | 19.686        | 0.000         | 99 | 784447   | 20.7            | 19.2              |       |
| 86 1,2,3-Trichloropropane      | 75  | 19.788    | 19.788        | 0.000         | 97 | 627726   | 21.2            | 20.5              |       |
| 85 N-Propylbenzene             | 91  | 19.937    | 19.938        | -0.001        | 99 | 1851353  | 20.8            | 21.0              |       |
| 89 2-Chlorotoluene             | 91  | 20.082    | 20.077        | 0.005         | 98 | 1212920  | 20.9            | 20.4              |       |
| 88 4-Ethyltoluene              | 105 | 20.151    | 20.152        | -0.001        | 98 | 1604217  | 20.7            | 21.8              |       |
| 90 1,3,5-Trimethylbenzene      | 105 | 20.258    | 20.259        | -0.001        | 92 | 1396486  | 20.8            | 21.1              |       |
| 87 n-Decane                    | 57  | 20.333    | 20.334        | -0.001        | 93 | 737390   | 20.8            | 22.1              |       |
| 91 Alpha Methyl Styrene        | 118 | 20.606    | 20.601        | 0.005         | 88 | 719996   | 20.4            | 22.7              |       |

| Compound                   | Sig | RT (min.) | Adj RT (min.) | Dlt RT (min.) | Q  | Response | Cal Amt ppb v/v | OnCol Amt ppb v/v | Flags |
|----------------------------|-----|-----------|---------------|---------------|----|----------|-----------------|-------------------|-------|
| 92 tert-Butylbenzene       | 119 | 20.772    | 20.772        | 0.000         | 90 | 1299994  | 20.7            | 21.5              |       |
| 93 1,2,4-Trimethylbenzene  | 105 | 20.863    | 20.863        | 0.000         | 99 | 1401818  | 20.8            | 21.4              |       |
| 94 sec-Butylbenzene        | 105 | 21.120    | 21.115        | 0.005         | 98 | 1954903  | 20.9            | 21.6              |       |
| 96 1,3-Dichlorobenzene     | 146 | 21.280    | 21.280        | 0.000         | 98 | 1077650  | 21.2            | 22.4              |       |
| 95 4-Isopropyltoluene      | 119 | 21.350    | 21.350        | 0.000         | 97 | 1707925  | 20.6            | 21.4              |       |
| 97 1,4-Dichlorobenzene     | 146 | 21.430    | 21.425        | 0.005         | 96 | 1085895  | 20.9            | 22.2              |       |
| 98 Benzyl chloride         | 91  | 21.580    | 21.575        | 0.005         | 98 | 1100427  | 21.2            | 22.6              |       |
| 100 n-Butylbenzene         | 91  | 21.922    | 21.922        | 0.000         | 98 | 1488725  | 20.8            | 21.6              |       |
| 101 1,2-Dichlorobenzene    | 146 | 21.928    | 21.922        | 0.006         | 98 | 1004474  | 20.9            | 21.1              |       |
| 99 Undecane                | 57  | 22.104    | 22.104        | 0.000         | 93 | 749927   | 20.9            | 22.3              |       |
| 102 Dodecane               | 57  | 23.677    | 23.677        | 0.000         | 96 | 548901   | 18.7            | 19.8              |       |
| 103 1,2,4-Trichlorobenzene | 180 | 24.335    | 24.335        | 0.000         | 95 | 973689   | 21.7            | 27.1              |       |
| 104 Hexachlorobutadiene    | 225 | 24.602    | 24.597        | 0.005         | 96 | 962867   | 20.5            | 21.2              |       |
| 105 Naphthalene            | 128 | 24.790    | 24.785        | 0.006         | 99 | 1667425  | 19.4            | 23.9              |       |
| 106 1,2,3-Trichlorobenzene | 180 | 25.191    | 25.191        | 0.000         | 95 | 713638   | 18.2            | 20.7              |       |
| 123 Methylcyclohexane      | 83  |           | 0.000         |               |    |          | ND              | ND                |       |

**QC Flag Legend**

## Processing Flags

ND - Not Detected or Marked ND

**Reagents:**

ATTO15CAL6w\_00181

Amount Added: 200.00

Units: mL

ATTO15GIS\_00017

Amount Added: 20.00

Units: mL

Run Reagent

Report Date: 10-Dec-2020 11:29:00

Chrom Revision: 2.3 12-Nov-2020 21:52:08

Eurofins TestAmerica, Burlington

Data File: \\chromfs\Burlington\ChromData\CHG.i\20201209-43976.b\200-43976-008.D

Injection Date: 09-Dec-2020 16:39:30

Instrument ID: CHG.i

Operator ID: ggg

Lims ID: ic

Worklist Smp#: 8

Client ID:

Purge Vol: 200.000 mL

Dil. Factor: 1.0000

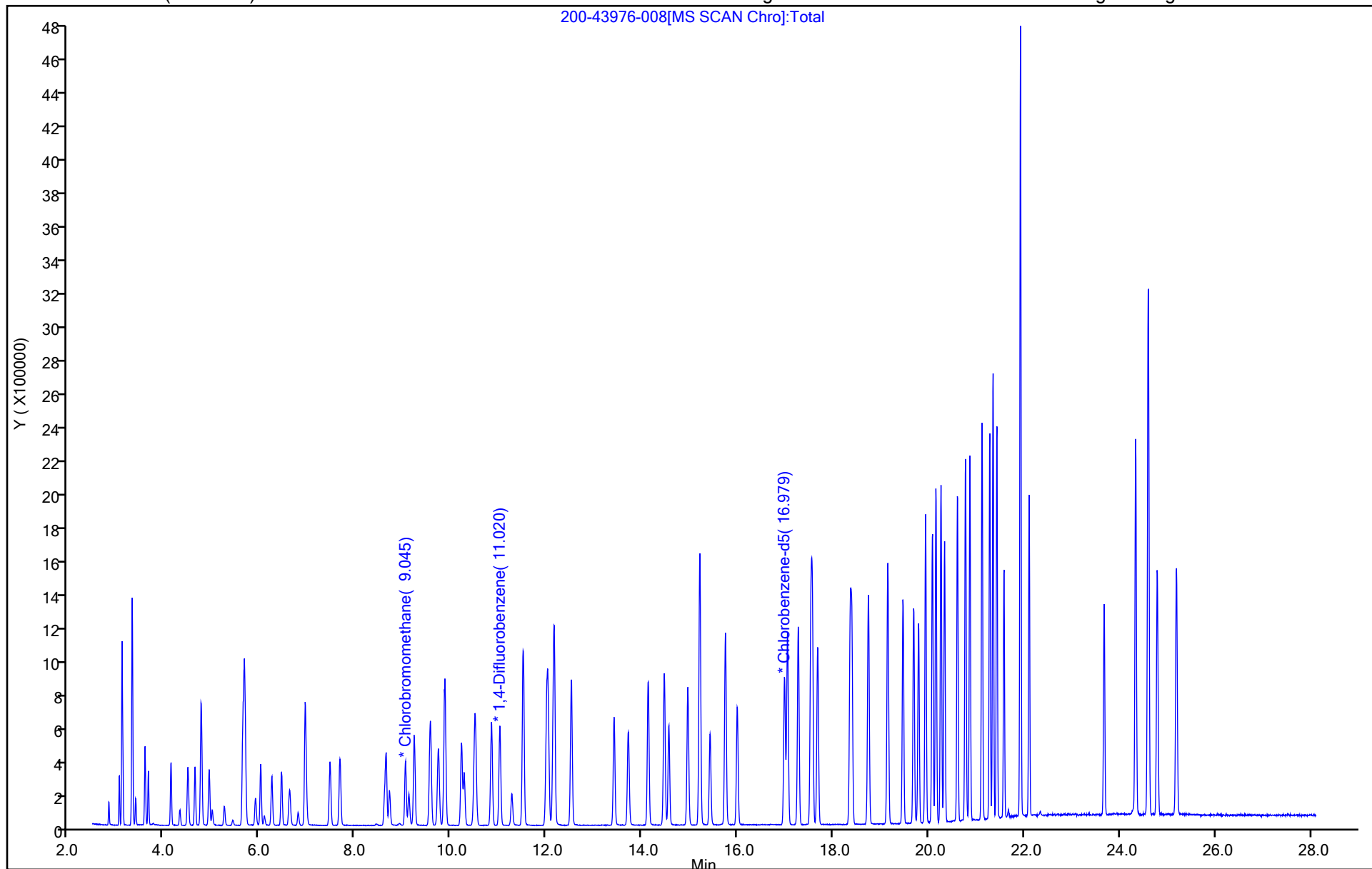
ALS Bottle#: 7

Method: TO15\_MasterMethod\_(v1)\_G

Limit Group: AI\_TO15\_ICAL

Column: RTX-624 ( 0.32 mm)

Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



Eurofins TestAmerica, Burlington  
Target Compound Quantitation Report

Data File: \\chromfs\Burlington\ChromData\CHG.i\20201209-43976.b\200-43976-009.D  
 Lims ID: ic  
 Client ID:  
 Sample Type: IC Calib Level: 8  
 Inject. Date: 09-Dec-2020 17:31:30 ALS Bottle#: 8 Worklist Smp#: 9  
 Purge Vol: 200.000 mL Dil. Factor: 1.0000  
 Sample Info: 200-0043976-009  
 Misc. Info.: ic  
 Operator ID: ggg Instrument ID: CHG.i  
 Sublist: chrom-TO15\_MasterMethod\_(v1)\_G\*sub9  
 Method: \\chromfs\Burlington\ChromData\CHG.i\20201209-43976.b\TO15\_MasterMethod\_(v1)\_G.m  
 Limit Group: AI\_TO15\_ICAL  
 Last Update: 10-Dec-2020 11:29:01 Calib Date: 09-Dec-2020 17:31:30  
 Integrator: RTE ID Type: Deconvolution ID  
 Quant Method: Internal Standard Quant By: Initial Calibration  
 Last ICal File: \\chromfs\Burlington\ChromData\CHG.i\20201209-43976.b\200-43976-009.D  
 Column 1 : RTX-624 ( 0.32 mm) Det: MS SCAN  
 Process Host: CTX1664

First Level Reviewer: phamvu

Date: 09-Dec-2020 18:32:10

| Compound                           | Sig | RT<br>(min.) | Adj RT<br>(min.) | Dlt RT<br>(min.) | Q  | Response | Cal Amt<br>ppb v/v | OnCol Amt<br>ppb v/v | Flags |
|------------------------------------|-----|--------------|------------------|------------------|----|----------|--------------------|----------------------|-------|
| 1 Propene                          | 41  | 3.049        | 3.049            | 0.000            | 93 | 223757   | 41.3               | 40.0                 |       |
| 2 Dichlorodifluoromethane          | 85  | 3.102        | 3.108            | -0.006           | 99 | 1424036  | 41.8               | 38.1                 |       |
| 3 Chlorodifluoromethane            | 51  | 3.124        | 3.124            | 0.000            | 96 | 600944   | 41.9               | 37.6                 |       |
| 4 1,2-Dichloro-1,1,2,2-tetrafluoro | 85  | 3.316        | 3.316            | 0.000            | 89 | 1226306  | 41.6               | 37.9                 |       |
| 5 Chloromethane                    | 50  | 3.391        | 3.391            | 0.000            | 97 | 250619   | 43.7               | 39.7                 |       |
| 7 Vinyl chloride                   | 62  | 3.584        | 3.584            | 0.000            | 98 | 299955   | 41.6               | 38.0                 |       |
| 6 Butane                           | 43  | 3.589        | 3.589            | 0.000            | 92 | 385403   | 41.4               | 38.6                 |       |
| 8 Butadiene                        | 54  | 3.659        | 3.659            | 0.000            | 89 | 203273   | 40.5               | 37.2                 |       |
| 10 Bromomethane                    | 94  | 4.129        | 4.135            | -0.006           | 96 | 402381   | 41.2               | 36.6                 |       |
| 11 Chloroethane                    | 64  | 4.317        | 4.322            | -0.005           | 94 | 122367   | 41.6               | 37.1                 |       |
| 12 2-Methylbutane                  | 43  | 4.488        | 4.488            | 0.000            | 85 | 290724   | 41.8               | 36.9                 |       |
| 13 Vinyl bromide                   | 106 | 4.632        | 4.632            | 0.000            | 94 | 422731   | 41.7               | 38.0                 |       |
| 14 Trichlorofluoromethane          | 101 | 4.766        | 4.766            | 0.000            | 98 | 1396360  | 42.2               | 39.8                 |       |
| 16 Pentane                         | 43  | 4.932        | 4.932            | 0.000            | 90 | 426966   | 40.5               | 36.7                 |       |
| 17 Ethanol                         | 45  | 4.996        | 5.001            | -0.005           | 96 | 254285   | 100.0              | 79.8                 |       |
| 18 Ethyl ether                     | 59  | 5.253        | 5.247            | 0.006            | 93 | 141847   | 40.3               | 34.5                 |       |
| 19 Acrolein                        | 56  | 5.424        | 5.429            | -0.005           | 98 | 66227    | 38.9               | 41.1                 |       |
| 21 1,1-Dichloroethene              | 96  | 5.633        | 5.633            | 0.000            | 98 | 368664   | 41.1               | 35.0                 |       |
| 22 Acetone                         | 43  | 5.659        | 5.665            | -0.006           | 95 | 335837   | 41.0               | 35.9                 |       |
| 20 112TCTFE                        | 101 | 5.670        | 5.675            | -0.005           | 94 | 907779   | 42.0               | 37.1                 |       |
| 24 Isopropyl alcohol               | 45  | 5.905        | 5.905            | 0.000            | 99 | 432312   | 40.9               | 37.1                 |       |
| 23 Carbon disulfide                | 76  | 6.012        | 6.007            | 0.005            | 98 | 1034374  | 40.6               | 36.9                 |       |
| 26 Acetonitrile                    | 41  | 6.087        | 6.087            | 0.000            | 97 | 133776   | 39.6               | 35.0                 |       |
| 25 3-Chloro-1-propene              | 41  | 6.242        | 6.242            | 0.000            | 92 | 394460   | 42.6               | 41.9                 |       |
| 27 Methylene Chloride              | 49  | 6.446        | 6.446            | 0.000            | 94 | 406365   | 41.1               | 37.1                 |       |
| 28 2-Methyl-2-propanol             | 59  | 6.617        | 6.617            | 0.000            | 96 | 613232   | 43.1               | 40.6                 |       |
| 32 Acrylonitrile                   | 53  | 6.799        | 6.799            | 0.000            | 93 | 138143   | 40.4               | 36.9                 |       |
| 31 trans-1,2-Dichloroethene        | 61  | 6.943        | 6.943            | 0.000            | 97 | 536381   | 40.8               | 35.4                 |       |
| 29 Methyl tert-butyl ether         | 73  | 6.959        | 6.954            | 0.005            | 95 | 774536   | 41.8               | 35.1                 |       |
| 33 Hexane                          | 57  | 7.468        | 7.462            | 0.006            | 82 | 396009   | 42.4               | 36.8                 |       |



| Compound                       | Sig | RT (min.) | Adj RT (min.) | Dlt RT (min.) | Q  | Response | Cal Amt ppb v/v | OnCol Amt ppb v/v | Flags |
|--------------------------------|-----|-----------|---------------|---------------|----|----------|-----------------|-------------------|-------|
| 34 1,1-Dichloroethane          | 63  | 7.671     | 7.660         | 0.011         | 98 | 573329   | 40.0            | 33.5              |       |
| 35 Vinyl acetate               | 43  | 7.681     | 7.682         | -0.001        | 99 | 611055   | 41.6            | 37.9              |       |
| 38 2-Butanone (MEK)            | 72  | 8.607     | 8.602         | 0.005         | 99 | 109383   | 41.4            | 30.4              |       |
| 37 cis-1,2-Dichloroethene      | 96  | 8.639     | 8.639         | 0.000         | 93 | 396952   | 40.4            | 35.3              |       |
| 39 Ethyl acetate               | 88  | 8.709     | 8.714         | -0.005        | 99 | 16133    | 40.5            | 33.0              |       |
| * 40 Chlorobromomethane        | 128 | 9.046     | 9.046         | 0.000         | 77 | 127460   | 10.0            | 10.0              |       |
| 41 Tetrahydrofuran             | 42  | 9.110     | 9.110         | 0.000         | 84 | 267389   | 40.0            | 34.1              |       |
| 42 Chloroform                  | 83  | 9.233     | 9.228         | 0.005         | 97 | 991532   | 40.4            | 36.9              |       |
| 44 1,1,1-Trichloroethane       | 97  | 9.565     | 9.559         | 0.006         | 96 | 1183035  | 40.8            | 35.5              |       |
| S 30 1,2-Dichloroethene, Total | 61  |           |               |               | 0  |          | 81.2            | 70.7              |       |
| 43 Cyclohexane                 | 84  | 9.730     | 9.741         | -0.011        | 90 | 481414   | 40.6            | 32.9              |       |
| 45 Carbon tetrachloride        | 117 | 9.870     | 9.870         | 0.000         | 97 | 1457370  | 40.6            | 37.9              |       |
| 47 Benzene                     | 78  | 10.217    | 10.212        | 0.005         | 97 | 1342662  | 41.3            | 36.4              |       |
| 48 1,2-Dichloroethane          | 62  | 10.276    | 10.271        | 0.005         | 97 | 711727   | 41.4            | 38.7              |       |
| 46 Isooctane                   | 57  | 10.501    | 10.501        | 0.000         | 94 | 1871839  | 41.9            | 34.4              |       |
| 49 n-Heptane                   | 43  | 10.849    | 10.843        | 0.006         | 91 | 742882   | 42.0            | 33.7              |       |
| * 50 1,4-Difluorobenzene       | 114 | 11.025    | 11.020        | 0.005         | 94 | 769476   | 10.0            | 10.0              |       |
| 52 n-Butanol                   | 56  | 11.266    | 11.277        | -0.010        | 92 | 258288   | 38.2            | 34.2              |       |
| 53 Trichloroethene             | 95  | 11.507    | 11.507        | 0.000         | 98 | 958757   | 42.1            | 37.0              |       |
| 54 1,2-Dichloropropane         | 63  | 12.004    | 11.993        | 0.011         | 86 | 522608   | 41.2            | 34.4              |       |
| 55 Methyl methacrylate         | 69  | 12.138    | 12.138        | 0.000         | 91 | 367039   | 40.6            | 31.3              |       |
| 56 1,4-Dioxane                 | 88  | 12.154    | 12.154        | 0.000         | 47 | 265454   | 42.3            | 34.0              |       |
| 57 Dibromomethane              | 174 | 12.165    | 12.159        | 0.006         | 93 | 956565   | 41.2            | 36.9              |       |
| 58 Dichlorobromomethane        | 83  | 12.518    | 12.518        | 0.000         | 98 | 1546953  | 42.3            | 39.8              |       |
| 60 cis-1,3-Dichloropropene     | 75  | 13.416    | 13.411        | 0.005         | 96 | 1047935  | 41.6            | 38.5              |       |
| 61 4-Methyl-2-pentanone (MIBK) | 43  | 13.711    | 13.711        | 0.000         | 97 | 999738   | 41.0            | 33.2              |       |
| 65 Toluene                     | 92  | 14.128    | 14.128        | 0.000         | 94 | 1138687  | 40.6            | 35.0              |       |
| 64 n-Octane                    | 43  | 14.465    | 14.460        | 0.005         | 90 | 1153291  | 41.3            | 34.5              |       |
| 66 trans-1,3-Dichloropropene   | 75  | 14.561    | 14.556        | 0.005         | 98 | 917983   | 39.5            | 36.9              |       |
| 67 1,1,2-Trichloroethane       | 83  | 14.957    | 14.952        | 0.005         | 96 | 635151   | 41.9            | 35.6              |       |
| 68 Tetrachloroethene           | 166 | 15.209    | 15.209        | 0.000         | 95 | 1385898  | 42.0            | 38.9              |       |
| 69 2-Hexanone                  | 43  | 15.423    | 15.423        | 0.000         | 93 | 994404   | 40.0            | 35.8              |       |
| 71 Chlorodibromomethane        | 129 | 15.749    | 15.744        | 0.005         | 96 | 1810805  | 38.7            | 38.8              |       |
| 72 Ethylene Dibromide          | 107 | 15.995    | 15.990        | 0.005         | 96 | 1374178  | 42.4            | 42.1              |       |
| * 74 Chlorobenzene-d5          | 117 | 16.985    | 16.979        | 0.006         | 85 | 740374   | 10.0            | 10.0              |       |
| 75 Chlorobenzene               | 112 | 17.049    | 17.043        | 0.006         | 95 | 1863023  | 42.0            | 39.9              |       |
| 76 Ethylbenzene                | 91  | 17.274    | 17.268        | 0.006         | 99 | 2729396  | 40.9            | 37.1              |       |
| 78 m-Xylene & p-Xylene         | 106 | 17.557    | 17.552        | 0.005         | 0  | 2079202  | 82.2            | 78.2              |       |
| 77 n-Nonane                    | 57  | 17.680    | 17.675        | 0.005         | 85 | 1268348  | 41.9            | 42.8              |       |
| 79 o-Xylene                    | 106 | 18.360    | 18.354        | 0.006         | 98 | 950562   | 41.4            | 34.8              |       |
| 80 Styrene                     | 104 | 18.392    | 18.392        | 0.000         | 98 | 1589105  | 41.3            | 39.2              |       |
| 81 Bromoform                   | 173 | 18.739    | 18.739        | 0.000         | 95 | 1768472  | 41.2            | 42.6              |       |
| 82 Isopropylbenzene            | 105 | 19.146    | 19.146        | 0.000         | 97 | 2891627  | 41.7            | 38.6              |       |
| S 73 Xylenes, Total            | 106 |           |               |               | 0  |          | 123.7           | 113.0             |       |
| 84 1,1,2,2-Tetrachloroethane   | 83  | 19.692    | 19.686        | 0.006         | 99 | 1448578  | 41.4            | 35.0              |       |
| 86 1,2,3-Trichloropropane      | 75  | 19.793    | 19.788        | 0.005         | 96 | 1159871  | 42.4            | 37.2              |       |
| 85 N-Propylbenzene             | 91  | 19.938    | 19.938        | 0.000         | 99 | 3465205  | 41.6            | 38.6              |       |
| 89 2-Chlorotoluene             | 91  | 20.082    | 20.077        | 0.005         | 98 | 2360530  | 41.8            | 39.1              |       |
| 88 4-Ethyltoluene              | 105 | 20.157    | 20.152        | 0.005         | 98 | 2932297  | 41.3            | 39.2              |       |
| 90 1,3,5-Trimethylbenzene      | 105 | 20.264    | 20.259        | 0.005         | 92 | 2580181  | 41.6            | 38.4              |       |
| 87 n-Decane                    | 57  | 20.334    | 20.334        | 0.000         | 94 | 1387693  | 41.7            | 40.9              |       |
| 91 Alpha Methyl Styrene        | 118 | 20.606    | 20.601        | 0.005         | 88 | 1371870  | 40.8            | 42.5              |       |

| Compound                   | Sig | RT (min.) | Adj RT (min.) | Dlt RT (min.) | Q  | Response | Cal Amt ppb v/v | OnCol Amt ppb v/v | Flags |
|----------------------------|-----|-----------|---------------|---------------|----|----------|-----------------|-------------------|-------|
| 92 tert-Butylbenzene       | 119 | 20.772    | 20.772        | 0.000         | 89 | 2389584  | 41.4            | 38.9              |       |
| 93 1,2,4-Trimethylbenzene  | 105 | 20.863    | 20.863        | 0.000         | 98 | 2578538  | 41.6            | 38.8              |       |
| 94 sec-Butylbenzene        | 105 | 21.120    | 21.115        | 0.005         | 98 | 3562959  | 41.8            | 38.7              |       |
| 96 1,3-Dichlorobenzene     | 146 | 21.280    | 21.280        | 0.000         | 98 | 2080632  | 42.3            | 42.5              |       |
| 95 4-Isopropyltoluene      | 119 | 21.350    | 21.350        | 0.000         | 96 | 3097281  | 41.2            | 38.1              |       |
| 97 1,4-Dichlorobenzene     | 146 | 21.430    | 21.425        | 0.005         | 95 | 2120547  | 41.9            | 42.7              |       |
| 98 Benzyl chloride         | 91  | 21.580    | 21.575        | 0.005         | 98 | 2129446  | 42.3            | 43.0              |       |
| 100 n-Butylbenzene         | 91  | 21.922    | 21.922        | 0.000         | 97 | 2616530  | 41.6            | 37.4              |       |
| 101 1,2-Dichlorobenzene    | 146 | 21.928    | 21.922        | 0.006         | 98 | 1855999  | 41.8            | 38.4              |       |
| 99 Undecane                | 57  | 22.104    | 22.104        | 0.000         | 93 | 1389346  | 41.8            | 40.6              |       |
| 102 Dodecane               | 57  | 23.677    | 23.677        | 0.000         | 95 | 1140140  | 37.4            | 40.5              |       |
| 103 1,2,4-Trichlorobenzene | 180 | 24.335    | 24.335        | 0.000         | 95 | 1740643  | 43.4            | 47.7              |       |
| 104 Hexachlorobutadiene    | 225 | 24.603    | 24.597        | 0.006         | 96 | 1887023  | 41.0            | 40.8              |       |
| 105 Naphthalene            | 128 | 24.790    | 24.785        | 0.006         | 99 | 3318914  | 38.9            | 46.7              |       |
| 106 1,2,3-Trichlorobenzene | 180 | 25.191    | 25.191        | 0.000         | 95 | 1422160  | 36.5            | 40.5              |       |
| 123 Methylcyclohexane      | 83  |           | 0.000         |               |    |          | ND              | ND                |       |

**QC Flag Legend**

Processing Flags

ND - Not Detected or Marked ND

**Reagents:**

ATTO15CAL7w\_00100

Amount Added: 200.00

Units: mL

ATTO15GIS\_00017

Amount Added: 20.00

Units: mL

Run Reagent

Report Date: 10-Dec-2020 11:29:02

Chrom Revision: 2.3 12-Nov-2020 21:52:08

Eurofins TestAmerica, Burlington

Data File: \\chromfs\Burlington\ChromData\CHG.i\20201209-43976.b\200-43976-009.D

Injection Date: 09-Dec-2020 17:31:30

Instrument ID: CHG.i

Operator ID: ggg

Lims ID: ic

Worklist Smp#: 9

Client ID:

Purge Vol: 200.000 mL

Dil. Factor: 1.0000

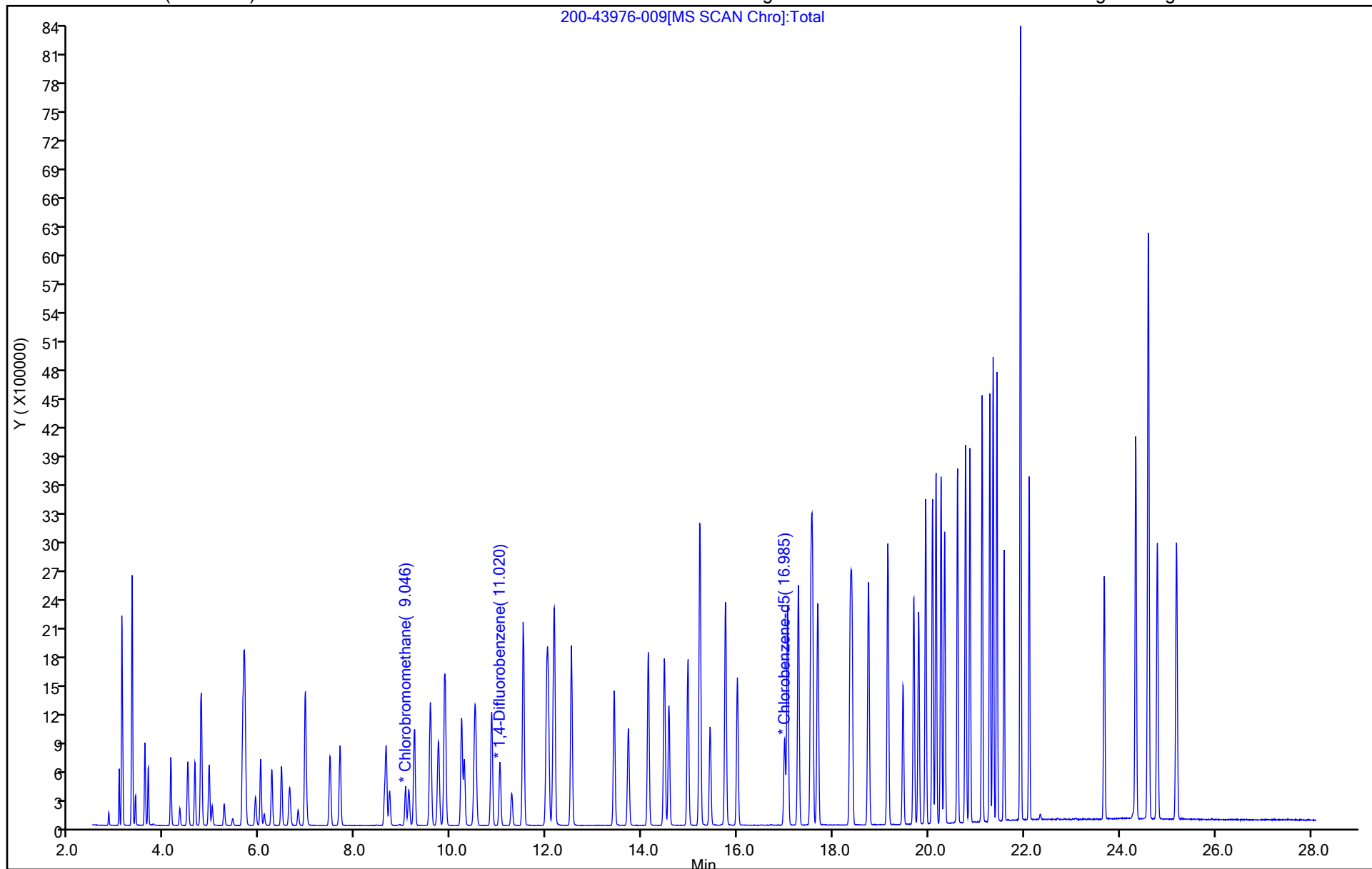
ALS Bottle#: 8

Method: TO15\_MasterMethod\_(v1)\_G

Limit Group: AI\_TO15\_ICAL

Column: RTX-624 ( 0.32 mm)

Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



## Calibration

/ Propene

Curve Type: Average  
Weighting: Conc\_Sq  
Origin: Force  
Dependency: Response  
Calib Mode: ISTD  
Response Base: AREA  
RF Rounding: 0

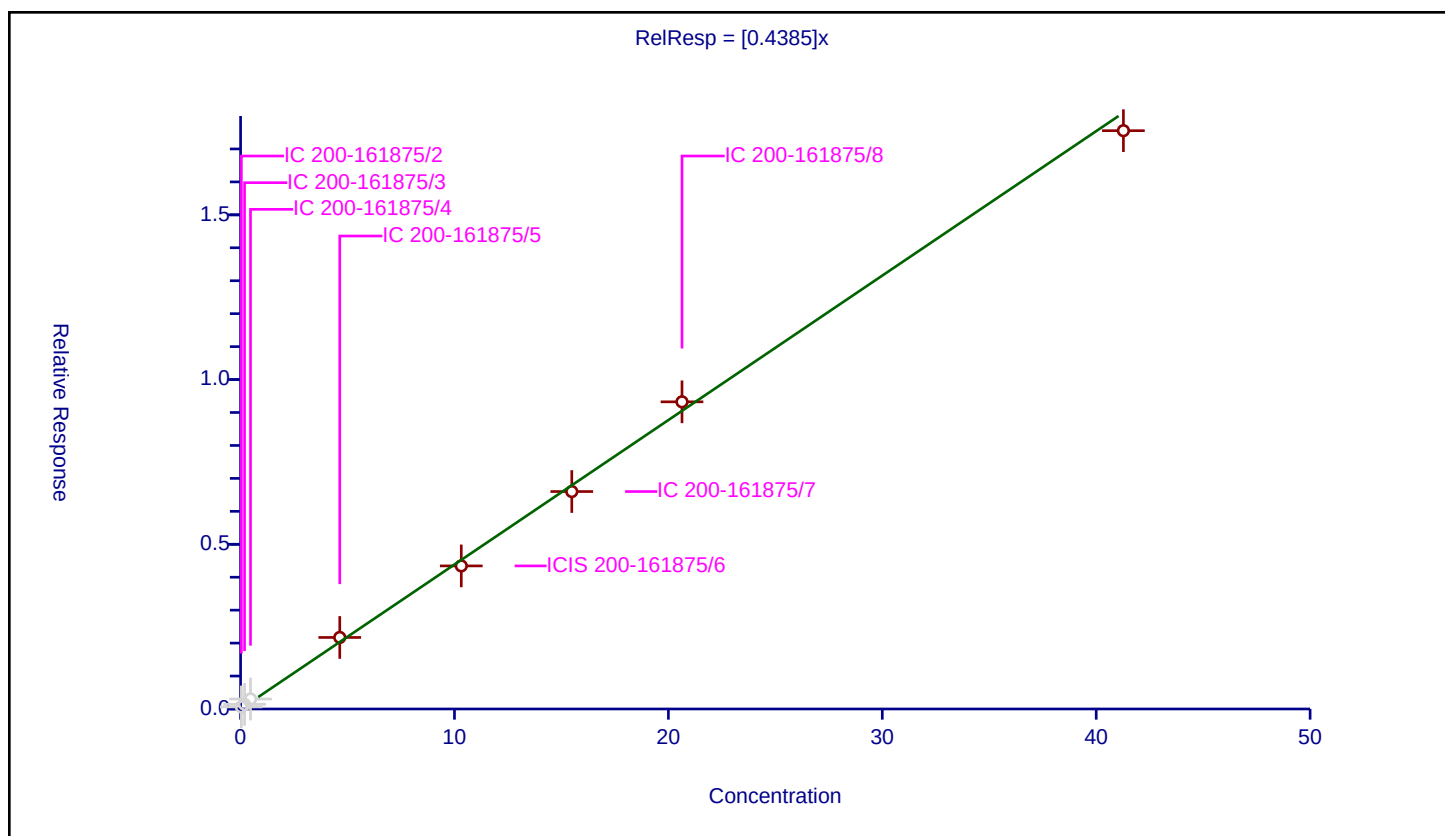
## Curve Coefficients

Intercept: 0  
Slope: 0.4385

## Error Coefficients

Standard Error: 137000  
Relative Standard Error: 4.7  
Correlation Coefficient: 0.999  
Coefficient of Determination (Adjusted): 0.995

| ID | Level             | Concentration | Rel. Resp. | IS Amount | IS Response | RRF      | Used |
|----|-------------------|---------------|------------|-----------|-------------|----------|------|
| 1  | IC 200-161875/2   | 0.036199      | 0.06262    | 10.0      | 159215.0    | 1.729855 | N    |
| 2  | IC 200-161875/3   | 0.185928      | 0.141271   | 10.0      | 149075.0    | 0.759816 | N    |
| 3  | IC 200-161875/4   | 0.46482       | 0.303475   | 10.0      | 129500.0    | 0.652886 | N    |
| 4  | IC 200-161875/5   | 4.637092      | 2.171445   | 10.0      | 120832.0    | 0.468277 | Y    |
| 5  | ICIS 200-161875/6 | 10.317998     | 4.343018   | 10.0      | 131206.0    | 0.420917 | Y    |
| 6  | IC 200-161875/7   | 15.483671     | 6.600497   | 10.0      | 133546.0    | 0.426288 | Y    |
| 7  | IC 200-161875/8   | 20.635996     | 9.323838   | 10.0      | 124837.0    | 0.451824 | Y    |
| 8  | IC 200-161875/9   | 41.271991     | 17.555076  | 10.0      | 127460.0    | 0.425351 | Y    |



# Calibration

/ Dichlorodifluoromethane

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

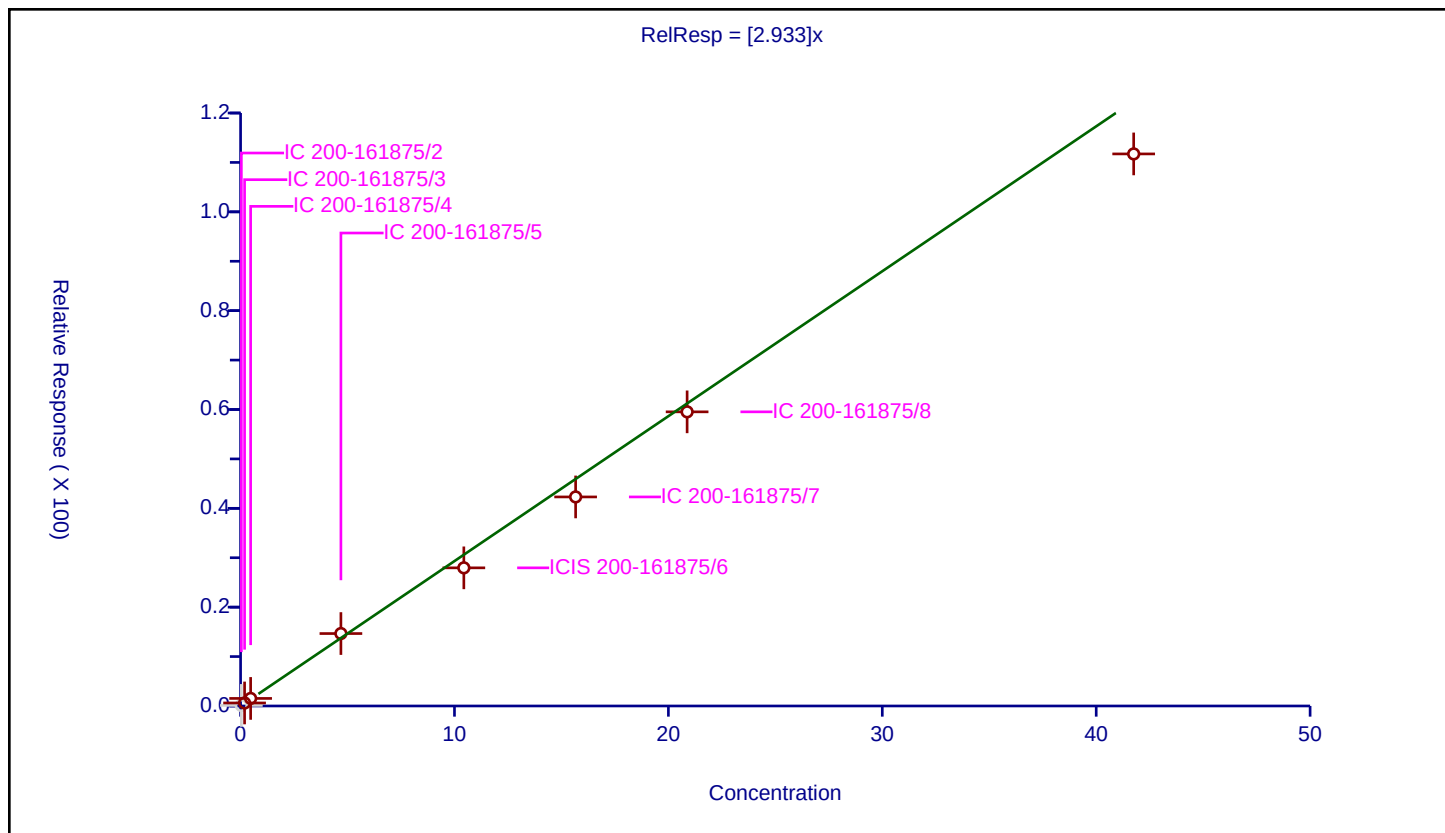
## Curve Coefficients

Intercept: 0  
 Slope: 2.933

## Error Coefficients

Standard Error: 715000  
 Relative Standard Error: 9.1  
 Correlation Coefficient: 0.999  
 Coefficient of Determination (Adjusted): 0.990

| ID | Level             | Concentration | Rel. Resp. | IS Amount | IS Response | RRF      | Used |
|----|-------------------|---------------|------------|-----------|-------------|----------|------|
| 1  | IC 200-161875/2   | 0.03662       | 0.116384   | 10.0      | 159215.0    | 3.178112 | N    |
| 2  | IC 200-161875/3   | 0.18809       | 0.610901   | 10.0      | 149075.0    | 3.247914 | Y    |
| 3  | IC 200-161875/4   | 0.470225      | 1.527722   | 10.0      | 129500.0    | 3.248915 | Y    |
| 4  | IC 200-161875/5   | 4.691012      | 14.659527  | 10.0      | 120832.0    | 3.125024 | Y    |
| 5  | ICIS 200-161875/6 | 10.437975     | 27.957639  | 10.0      | 131206.0    | 2.678454 | Y    |
| 6  | IC 200-161875/7   | 15.663713     | 42.307894  | 10.0      | 133546.0    | 2.701013 | Y    |
| 7  | IC 200-161875/8   | 20.875949     | 59.526583  | 10.0      | 124837.0    | 2.851443 | Y    |
| 8  | IC 200-161875/9   | 41.751898     | 111.724149 | 10.0      | 127460.0    | 2.675906 | Y    |



# Calibration

/ Chlorodifluoromethane

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

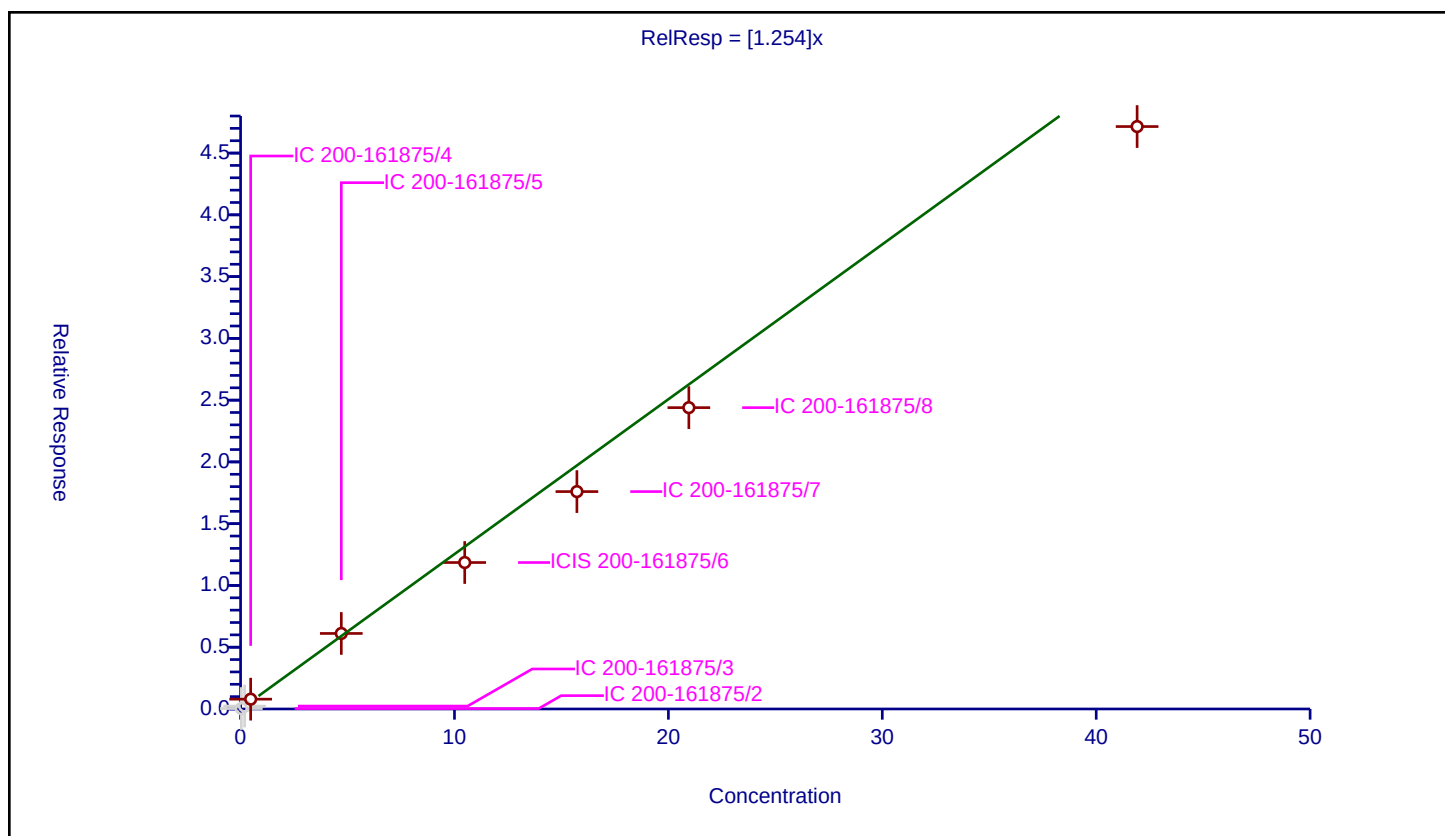
## Curve Coefficients

Intercept: 0  
 Slope: 1.254

## Error Coefficients

Standard Error: 328000  
 Relative Standard Error: 17.6  
 Correlation Coefficient: 1.000  
 Coefficient of Determination (Adjusted): 0.959

| ID | Level             | Concentration | Rel. Resp. | IS Amount | IS Response | RRF      | Used |
|----|-------------------|---------------|------------|-----------|-------------|----------|------|
| 1  | IC 200-161875/2   | 0.036761      | 0.035487   | 10.0      | 159215.0    | 0.965343 | N    |
| 2  | IC 200-161875/3   | 0.188811      | 0.236525   | 10.0      | 149075.0    | 1.252711 | N    |
| 3  | IC 200-161875/4   | 0.472027      | 0.794826   | 10.0      | 129500.0    | 1.683858 | Y    |
| 4  | IC 200-161875/5   | 4.708985      | 6.113861   | 10.0      | 120832.0    | 1.298339 | Y    |
| 5  | ICIS 200-161875/6 | 10.477967     | 11.856927  | 10.0      | 131206.0    | 1.131606 | Y    |
| 6  | IC 200-161875/7   | 15.723728     | 17.597382  | 10.0      | 133546.0    | 1.119161 | Y    |
| 7  | IC 200-161875/8   | 20.955934     | 24.39405   | 10.0      | 124837.0    | 1.164064 | Y    |
| 8  | IC 200-161875/9   | 41.911867     | 47.147654  | 10.0      | 127460.0    | 1.124924 | 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

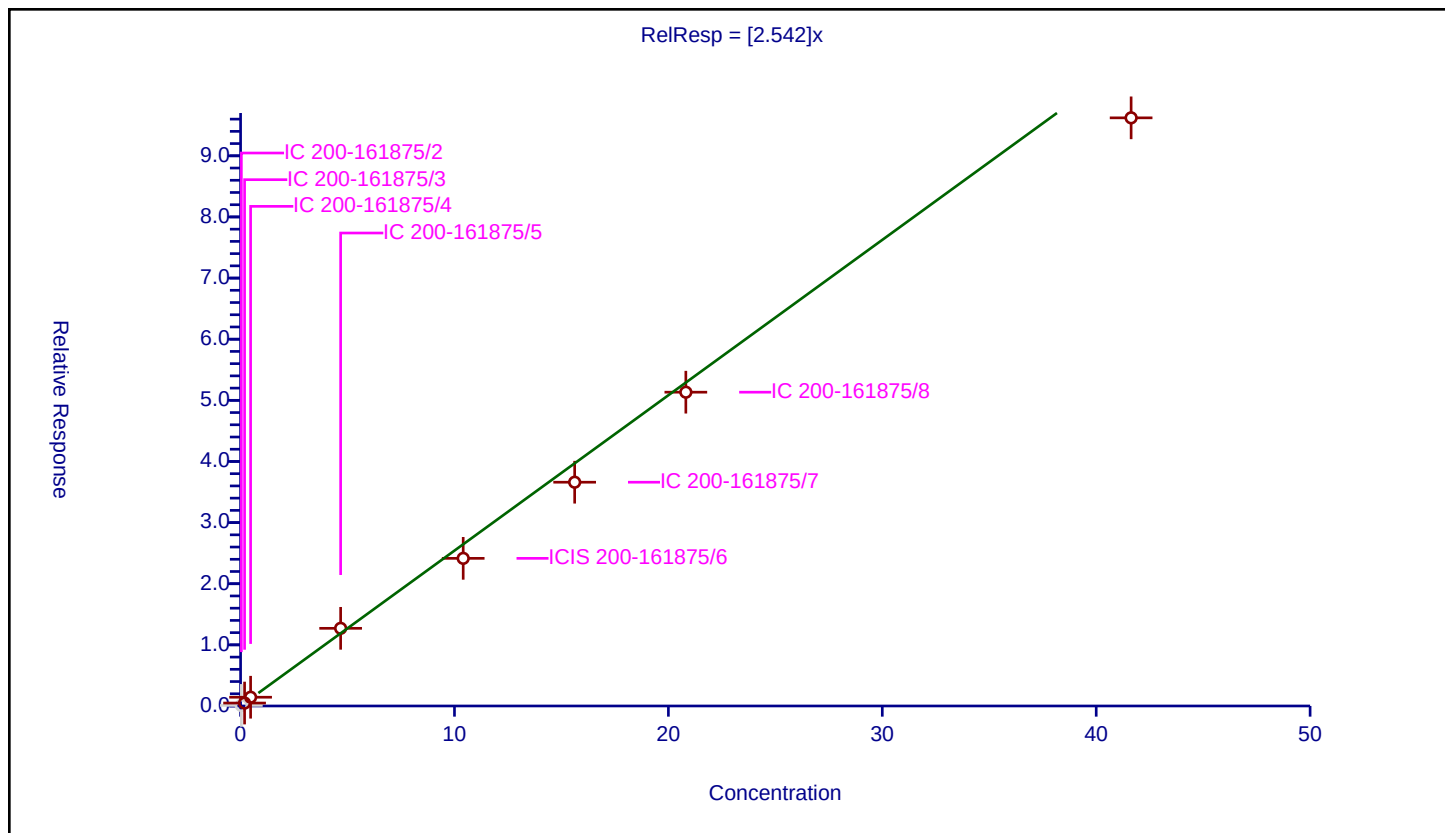
## Curve Coefficients

Intercept: 0  
 Slope: 2.542

## Error Coefficients

Standard Error: 616000  
 Relative Standard Error: 10.7  
 Correlation Coefficient: 0.999  
 Coefficient of Determination (Adjusted): 0.986

| ID | Level             | Concentration | Rel. Resp. | IS Amount | IS Response | RRF      | Used |
|----|-------------------|---------------|------------|-----------|-------------|----------|------|
| 1  | IC 200-161875/2   | 0.036515      | 0.095343   | 10.0      | 159215.0    | 2.611051 | N    |
| 2  | IC 200-161875/3   | 0.18755       | 0.484186   | 10.0      | 149075.0    | 2.581641 | Y    |
| 3  | IC 200-161875/4   | 0.468874      | 1.43112    | 10.0      | 129500.0    | 3.052248 | Y    |
| 4  | IC 200-161875/5   | 4.677532      | 12.706071  | 10.0      | 120832.0    | 2.716405 | Y    |
| 5  | ICIS 200-161875/6 | 10.40798      | 24.150191  | 10.0      | 131206.0    | 2.320353 | Y    |
| 6  | IC 200-161875/7   | 15.618703     | 36.603642  | 10.0      | 133546.0    | 2.343578 | Y    |
| 7  | IC 200-161875/8   | 20.815961     | 51.330695  | 10.0      | 124837.0    | 2.46593  | Y    |
| 8  | IC 200-161875/9   | 41.631921     | 96.211047  | 10.0      | 127460.0    | 2.310992 | Y    |



# Calibration

/ Chloromethane

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

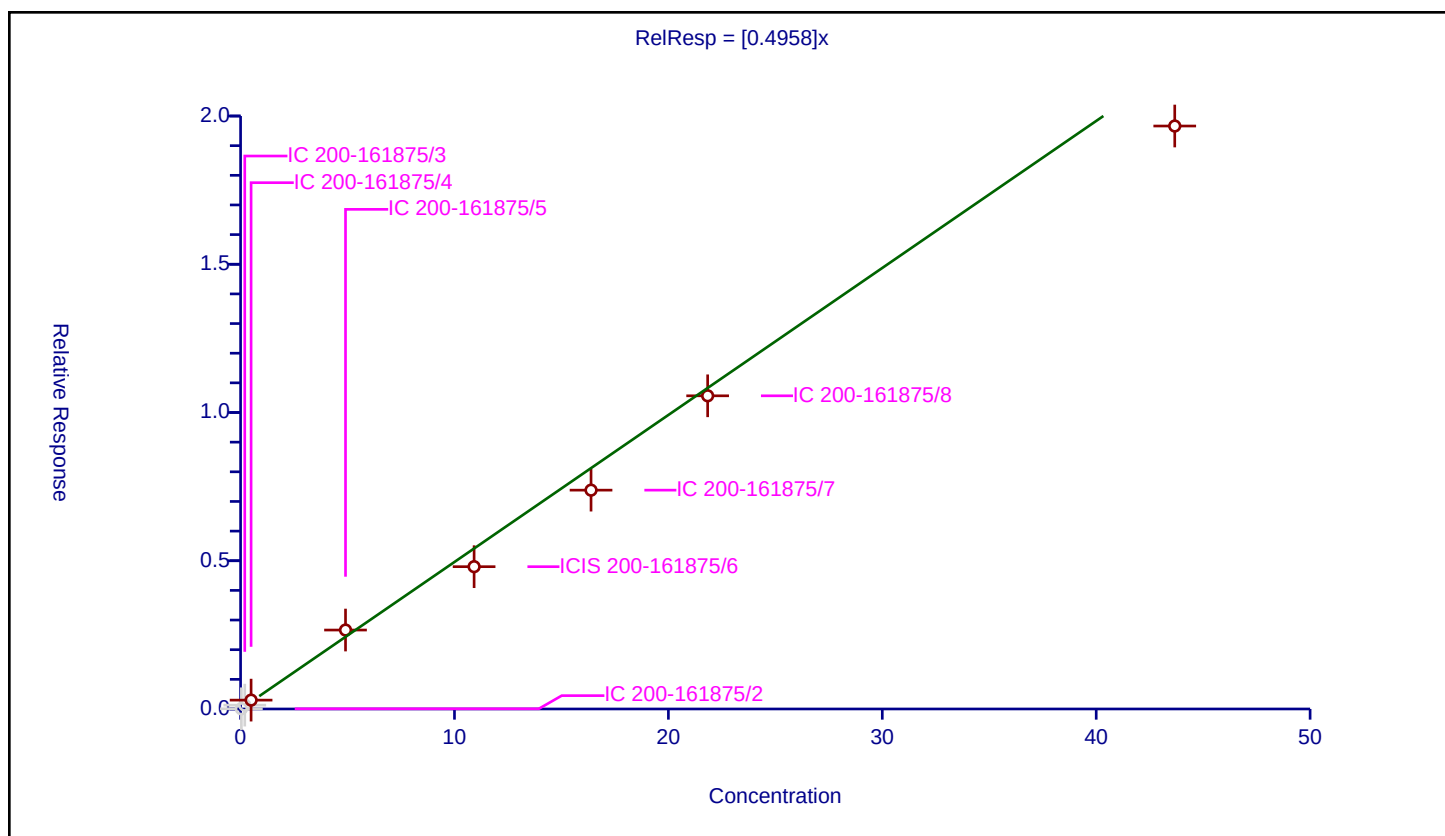
## Curve Coefficients

Intercept: 0  
 Slope: 0.4958

## Error Coefficients

Standard Error: 138000  
 Relative Standard Error: 13.5  
 Correlation Coefficient: 0.999  
 Coefficient of Determination (Adjusted): 0.978

| ID | Level             | Concentration | Rel. Resp. | IS Amount | IS Response | RRF      | Used |
|----|-------------------|---------------|------------|-----------|-------------|----------|------|
| 1  | IC 200-161875/2   | 0.038304      | 0.006532   | 10.0      | 159215.0    | 0.170532 | N    |
| 2  | IC 200-161875/3   | 0.196738      | 0.130069   | 10.0      | 149075.0    | 0.661127 | N    |
| 3  | IC 200-161875/4   | 0.491845      | 0.299228   | 10.0      | 129500.0    | 0.608378 | Y    |
| 4  | IC 200-161875/5   | 4.906691      | 2.662291   | 10.0      | 120832.0    | 0.542584 | Y    |
| 5  | ICIS 200-161875/6 | 10.917881     | 4.799476   | 10.0      | 131206.0    | 0.439598 | Y    |
| 6  | IC 200-161875/7   | 16.383884     | 7.380828   | 10.0      | 133546.0    | 0.450493 | Y    |
| 7  | IC 200-161875/8   | 21.835763     | 10.563455  | 10.0      | 124837.0    | 0.483769 | Y    |
| 8  | IC 200-161875/9   | 43.671526     | 19.662561  | 10.0      | 127460.0    | 0.450238 | Y    |





# Calibration

/ Vinyl chloride

Curve Type: Average  
Weighting: Conc\_Sq  
Origin: Force  
Dependency: Response  
Calib Mode: ISTD  
Response Base: AREA  
RF Rounding: 0

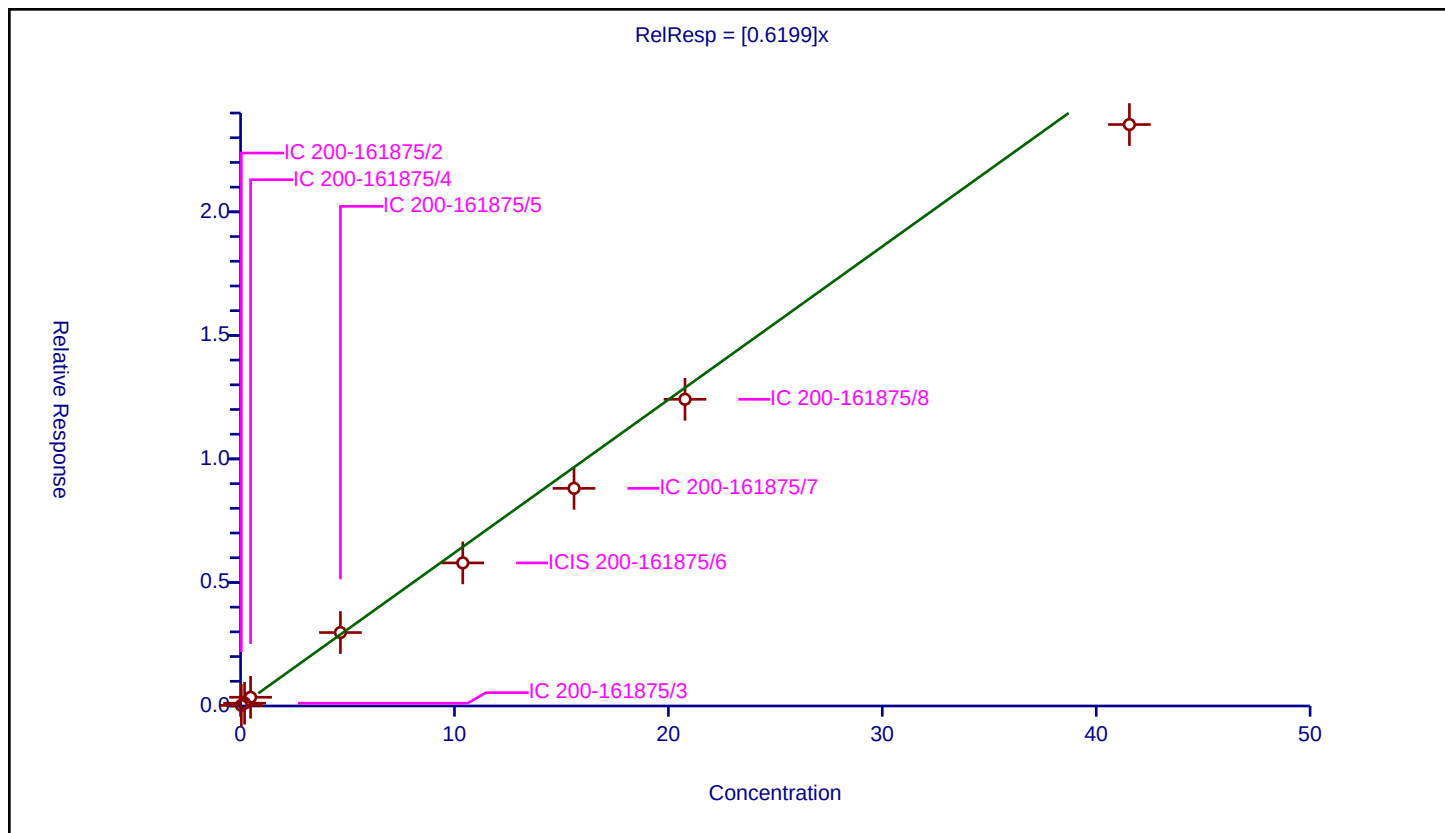
## Curve Coefficients

Intercept: 0  
Slope: 0.6199

## Error Coefficients

Standard Error: 139000  
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 200-161875/2   | 0.036445      | 0.024746   | 10.0      | 159215.0    | 0.679008 | Y    |
| 2  | IC 200-161875/3   | 0.187189      | 0.112829   | 10.0      | 149075.0    | 0.602754 | Y    |
| 3  | IC 200-161875/4   | 0.467973      | 0.353127   | 10.0      | 129500.0    | 0.754589 | Y    |
| 4  | IC 200-161875/5   | 4.668546      | 2.972474   | 10.0      | 120832.0    | 0.636702 | Y    |
| 5  | ICIS 200-161875/6 | 10.387984     | 5.790665   | 10.0      | 131206.0    | 0.557439 | Y    |
| 6  | IC 200-161875/7   | 15.588696     | 8.809099   | 10.0      | 133546.0    | 0.565095 | Y    |
| 7  | IC 200-161875/8   | 20.775968     | 12.413227  | 10.0      | 124837.0    | 0.59748  | Y    |
| 8  | IC 200-161875/9   | 41.551937     | 23.533265  | 10.0      | 127460.0    | 0.566358 | Y    |



## Calibration

/ Butane

Curve Type: Average  
Weighting: Conc\_Sq  
Origin: Force  
Dependency: Response  
Calib Mode: ISTD  
Response Base: AREA  
RF Rounding: 0

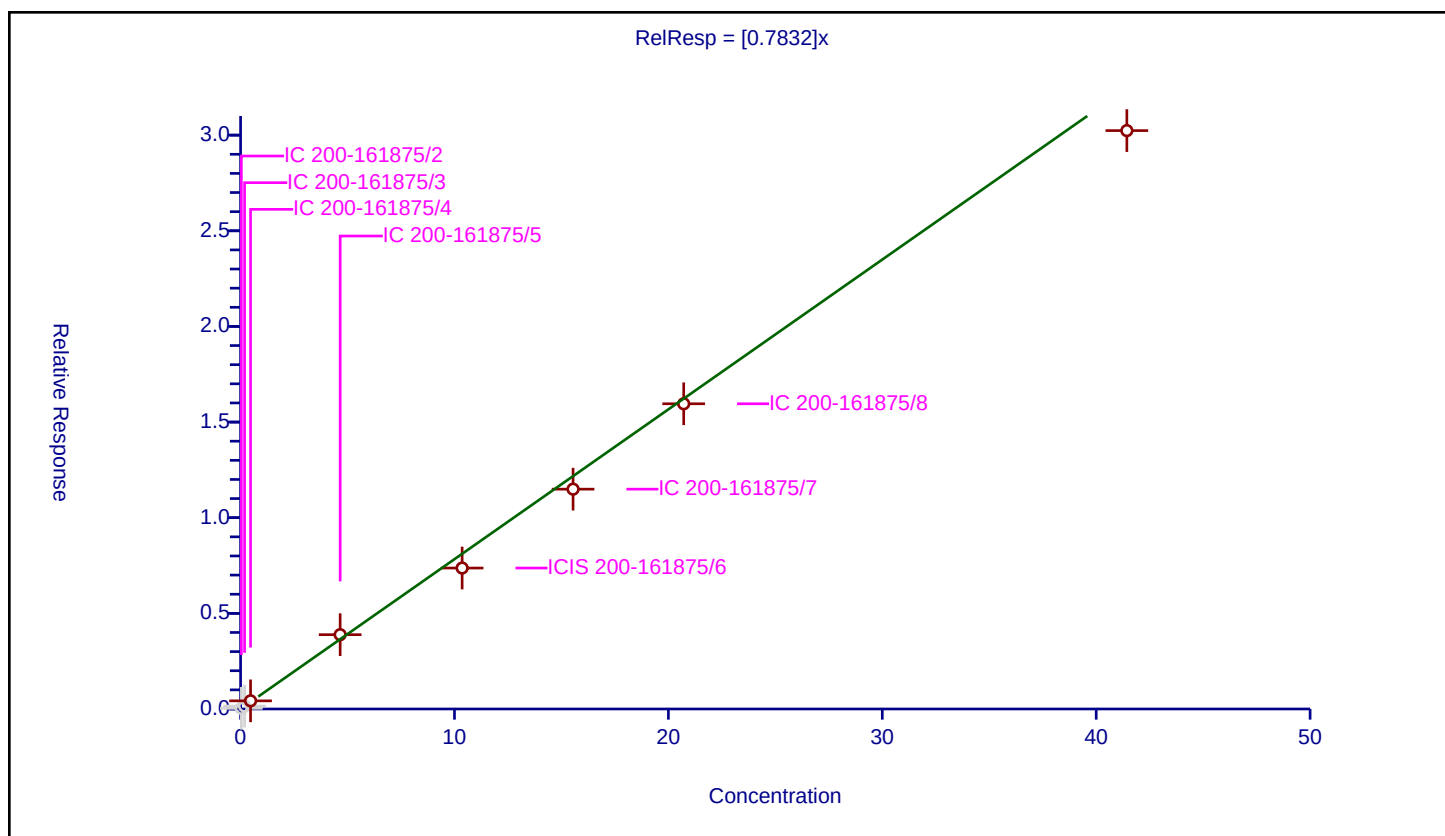
## Curve Coefficients

Intercept: 0  
Slope: 0.7832

## Error Coefficients

Standard Error: 211000  
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 200-161875/2   | 0.03634       | 0.034859   | 10.0      | 159215.0    | 0.959241 | N    |
| 2  | IC 200-161875/3   | 0.186649      | 0.151602   | 10.0      | 149075.0    | 0.812229 | N    |
| 3  | IC 200-161875/4   | 0.466622      | 0.426409   | 10.0      | 129500.0    | 0.913822 | Y    |
| 4  | IC 200-161875/5   | 4.655066      | 3.884401   | 10.0      | 120832.0    | 0.834446 | Y    |
| 5  | ICIS 200-161875/6 | 10.35799      | 7.368413   | 10.0      | 131206.0    | 0.711375 | Y    |
| 6  | IC 200-161875/7   | 15.543685     | 11.492894  | 10.0      | 133546.0    | 0.739393 | Y    |
| 7  | IC 200-161875/8   | 20.71598      | 15.955846  | 10.0      | 124837.0    | 0.770219 | Y    |
| 8  | IC 200-161875/9   | 41.43196      | 30.237172  | 10.0      | 127460.0    | 0.729803 | Y    |



## Calibration

/ Butadiene

Curve Type: Average  
Weighting: Conc\_Sq  
Origin: Force  
Dependency: Response  
Calib Mode: ISTD  
Response Base: AREA  
RF Rounding: 0

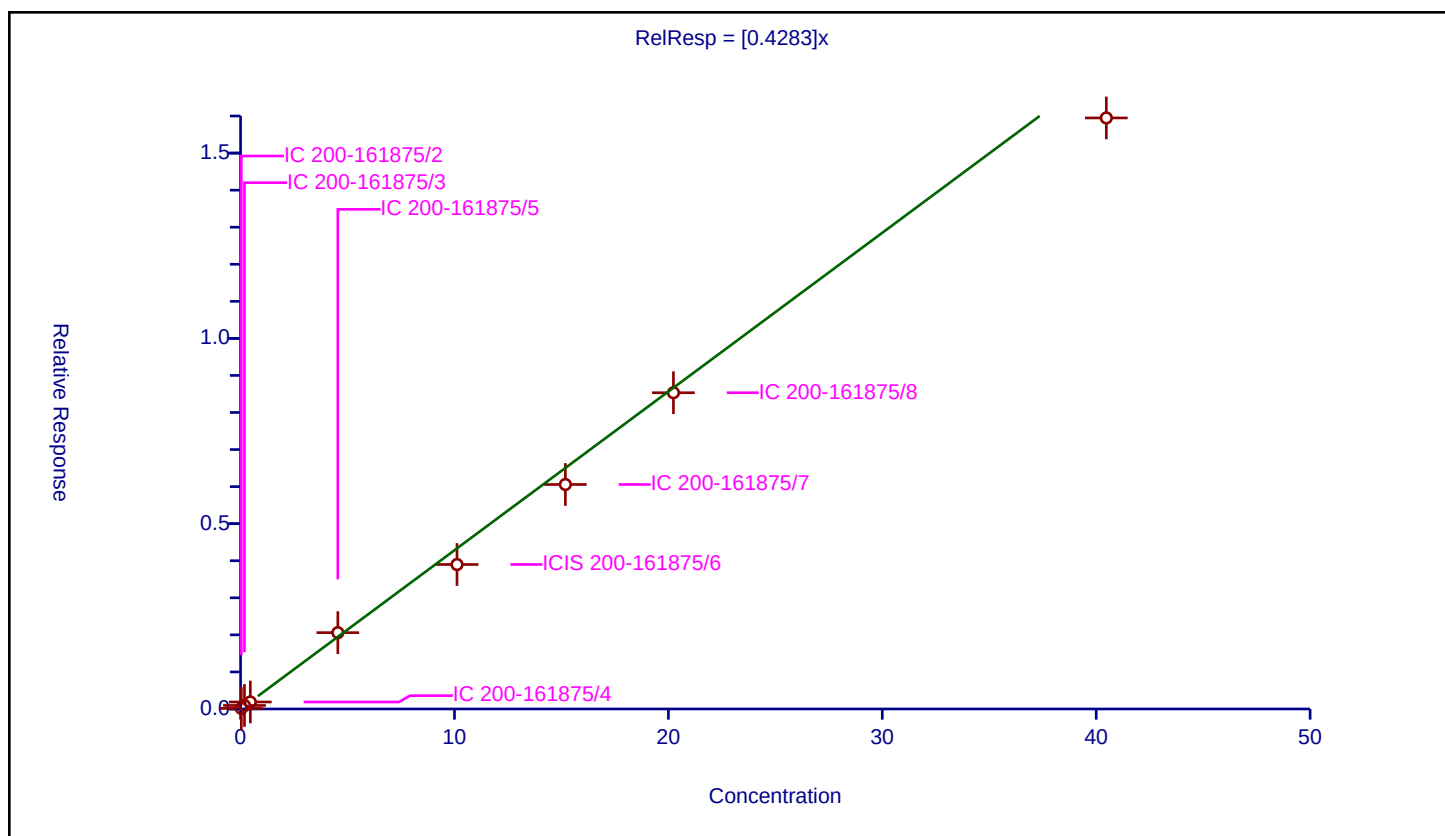
## Curve Coefficients

Intercept: 0  
Slope: 0.4283

## Error Coefficients

Standard Error: 94400  
Relative Standard Error: 10.3  
Correlation Coefficient: 0.999  
Coefficient of Determination (Adjusted): 0.988

| ID | Level             | Concentration | Rel. Resp. | IS Amount | IS Response | RRF      | Used |
|----|-------------------|---------------|------------|-----------|-------------|----------|------|
| 1  | IC 200-161875/2   | 0.035498      | 0.015514   | 10.0      | 159215.0    | 0.437029 | Y    |
| 2  | IC 200-161875/3   | 0.182325      | 0.095187   | 10.0      | 149075.0    | 0.522073 | Y    |
| 3  | IC 200-161875/4   | 0.455812      | 0.18888    | 10.0      | 129500.0    | 0.414382 | Y    |
| 4  | IC 200-161875/5   | 4.547226      | 2.059719   | 10.0      | 120832.0    | 0.452962 | Y    |
| 5  | ICIS 200-161875/6 | 10.118037     | 3.89845    | 10.0      | 131206.0    | 0.385297 | Y    |
| 6  | IC 200-161875/7   | 15.1836       | 6.057164   | 10.0      | 133546.0    | 0.398928 | Y    |
| 7  | IC 200-161875/8   | 20.236073     | 8.533047   | 10.0      | 124837.0    | 0.421675 | Y    |
| 8  | IC 200-161875/9   | 40.472146     | 15.947984  | 10.0      | 127460.0    | 0.394048 | Y    |



# Calibration

/ Bromomethane

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

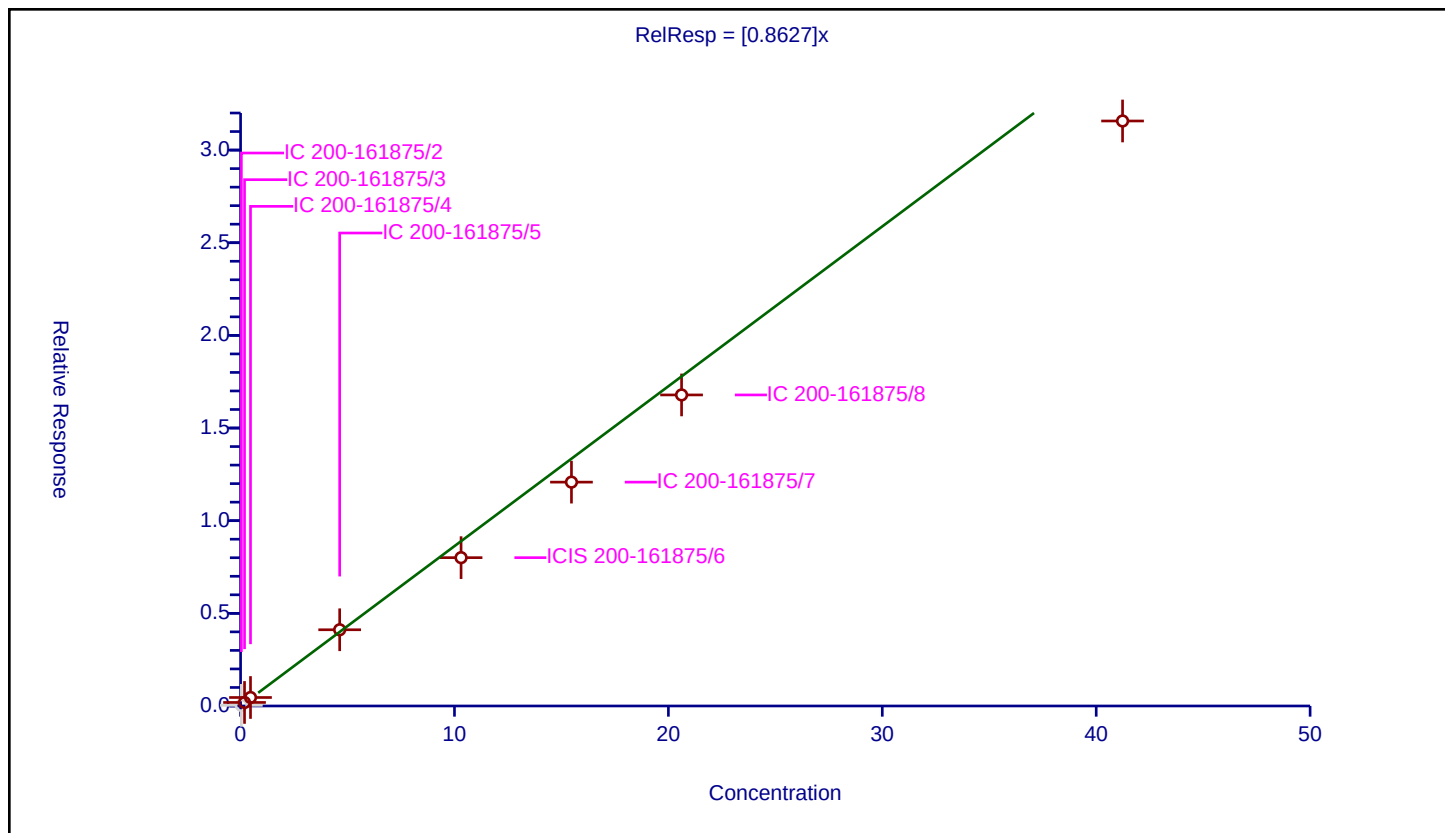
## Curve Coefficients

Intercept: 0  
 Slope: 0.8627

## Error Coefficients

Standard Error: 202000  
 Relative Standard Error: 12.4  
 Correlation Coefficient: 0.999  
 Coefficient of Determination (Adjusted): 0.980

| ID | Level             | Concentration | Rel. Resp. | IS Amount | IS Response | RRF      | Used |
|----|-------------------|---------------|------------|-----------|-------------|----------|------|
| 1  | IC 200-161875/2   | 0.036164      | 0.035487   | 10.0      | 159215.0    | 0.98126  | N    |
| 2  | IC 200-161875/3   | 0.185748      | 0.190575   | 10.0      | 149075.0    | 1.025988 | Y    |
| 3  | IC 200-161875/4   | 0.46437       | 0.458456   | 10.0      | 129500.0    | 0.987264 | Y    |
| 4  | IC 200-161875/5   | 4.632599      | 4.114225   | 10.0      | 120832.0    | 0.888103 | Y    |
| 5  | ICIS 200-161875/6 | 10.308        | 8.005122   | 10.0      | 131206.0    | 0.776593 | Y    |
| 6  | IC 200-161875/7   | 15.468667     | 12.081006  | 10.0      | 133546.0    | 0.780998 | Y    |
| 7  | IC 200-161875/8   | 20.615999     | 16.786289  | 10.0      | 124837.0    | 0.814236 | Y    |
| 8  | IC 200-161875/9   | 41.231999     | 31.569198  | 10.0      | 127460.0    | 0.765648 | Y    |



# Calibration

/ Chloroethane

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

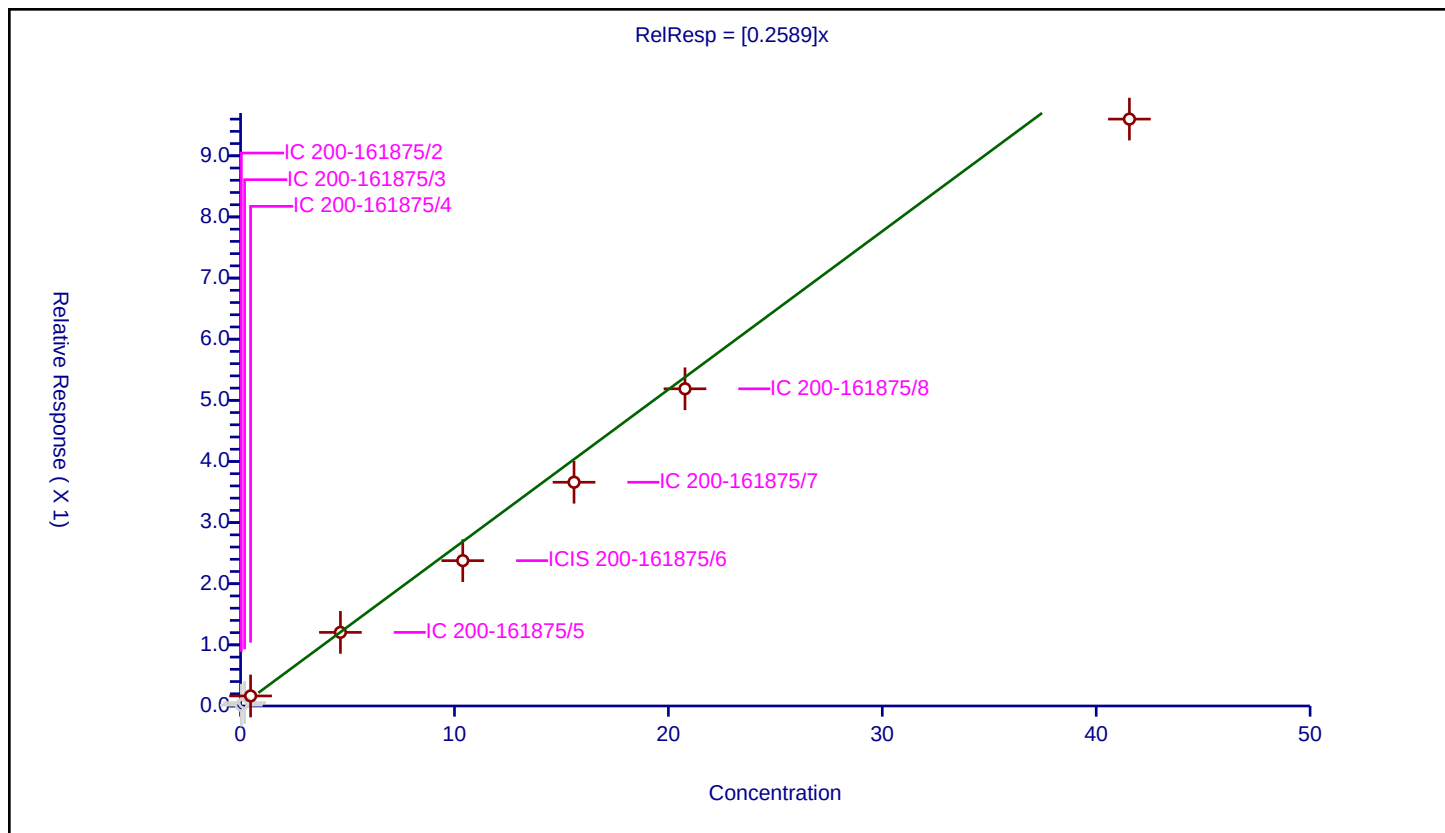
## Curve Coefficients

Intercept: 0  
 Slope: 0.2589

## Error Coefficients

Standard Error: 67400  
 Relative Standard Error: 17.9  
 Correlation Coefficient: 0.999  
 Coefficient of Determination (Adjusted): 0.957

| ID | Level             | Concentration | Rel. Resp. | IS Amount | IS Response | RRF      | Used |
|----|-------------------|---------------|------------|-----------|-------------|----------|------|
| 1  | IC 200-161875/2   | 0.036445      | 0.013001   | 10.0      | 159215.0    | 0.356738 | N    |
| 2  | IC 200-161875/3   | 0.187189      | 0.055543   | 10.0      | 149075.0    | 0.296718 | N    |
| 3  | IC 200-161875/4   | 0.467973      | 0.16417    | 10.0      | 129500.0    | 0.35081  | Y    |
| 4  | IC 200-161875/5   | 4.668546      | 1.204399   | 10.0      | 120832.0    | 0.257982 | Y    |
| 5  | ICIS 200-161875/6 | 10.387984     | 2.377788   | 10.0      | 131206.0    | 0.228898 | Y    |
| 6  | IC 200-161875/7   | 15.588696     | 3.660312   | 10.0      | 133546.0    | 0.234806 | Y    |
| 7  | IC 200-161875/8   | 20.775968     | 5.188446   | 10.0      | 124837.0    | 0.249733 | Y    |
| 8  | IC 200-161875/9   | 41.551937     | 9.600424   | 10.0      | 127460.0    | 0.231046 | Y    |



## Calibration

/ 2-Methylbutane

Curve Type: Average  
Weighting: Conc\_Sq  
Origin: Force  
Dependency: Response  
Calib Mode: ISTD  
Response Base: AREA  
RF Rounding: 0

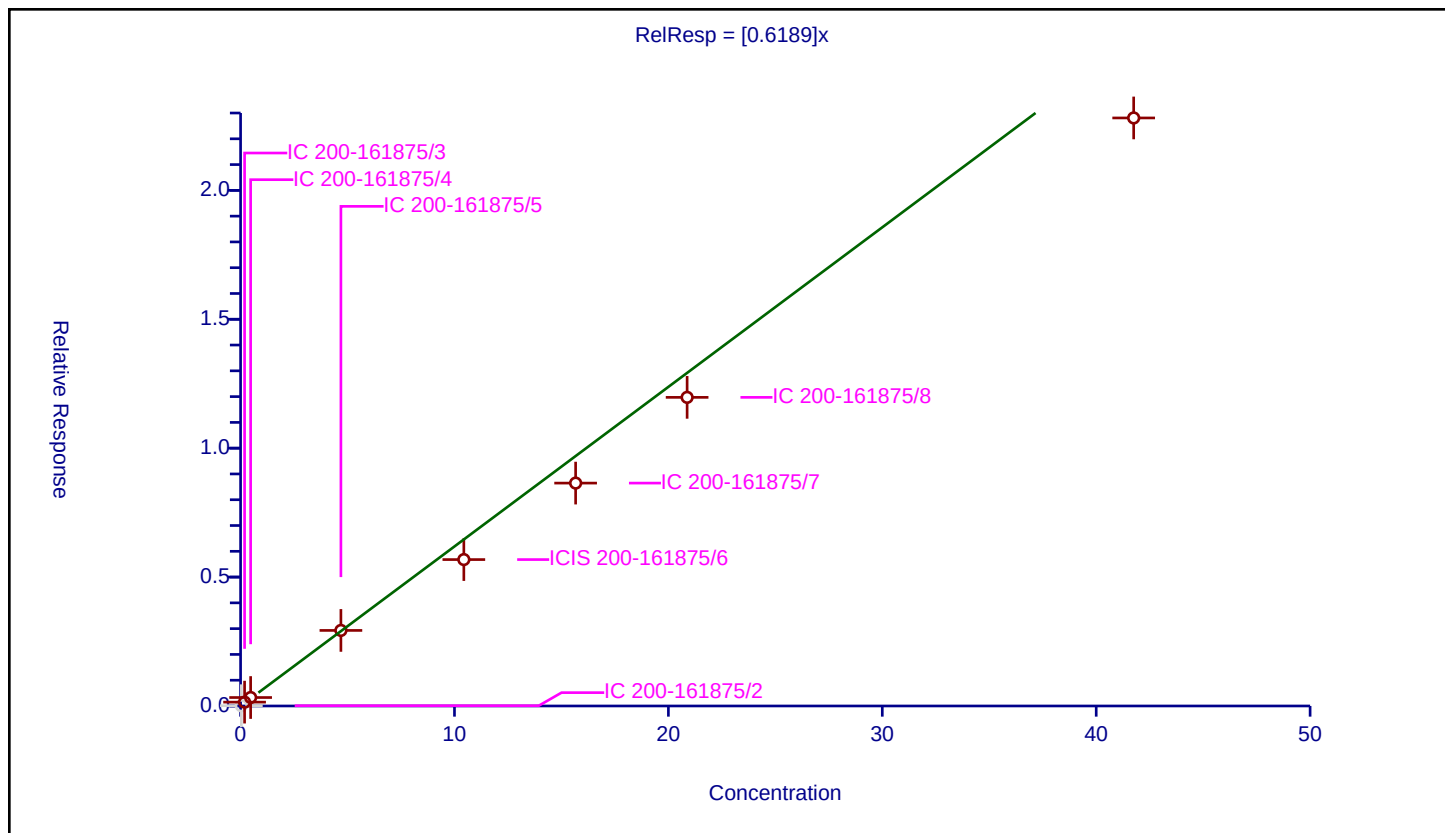
## Curve Coefficients

Intercept: 0  
Slope: 0.6189

## Error Coefficients

Standard Error: 145000  
Relative Standard Error: 15.3  
Correlation Coefficient: 1.000  
Coefficient of Determination (Adjusted): 0.967

| ID | Level             | Concentration | Rel. Resp. | IS Amount | IS Response | RRF      | Used |
|----|-------------------|---------------|------------|-----------|-------------|----------|------|
| 1  | IC 200-161875/2   | 0.03662       | 0.01074    | 10.0      | 159215.0    | 0.293285 | N    |
| 2  | IC 200-161875/3   | 0.18809       | 0.14912    | 10.0      | 149075.0    | 0.792809 | Y    |
| 3  | IC 200-161875/4   | 0.470225      | 0.328571   | 10.0      | 129500.0    | 0.698753 | Y    |
| 4  | IC 200-161875/5   | 4.691012      | 2.93126    | 10.0      | 120832.0    | 0.624867 | Y    |
| 5  | ICIS 200-161875/6 | 10.437975     | 5.678932   | 10.0      | 131206.0    | 0.544065 | Y    |
| 6  | IC 200-161875/7   | 15.663713     | 8.645186   | 10.0      | 133546.0    | 0.551924 | Y    |
| 7  | IC 200-161875/8   | 20.875949     | 11.97121   | 10.0      | 124837.0    | 0.573445 | Y    |
| 8  | IC 200-161875/9   | 41.751898     | 22.809038  | 10.0      | 127460.0    | 0.546299 | Y    |



## Calibration

/ Vinyl bromide

**Curve Type:** Average  
**Weighting:** Conc\_Sq  
**Origin:** Force  
**Dependency:** Response  
**Calib Mode:** ISTD  
**Response Base:** AREA  
**RF Rounding:** 0

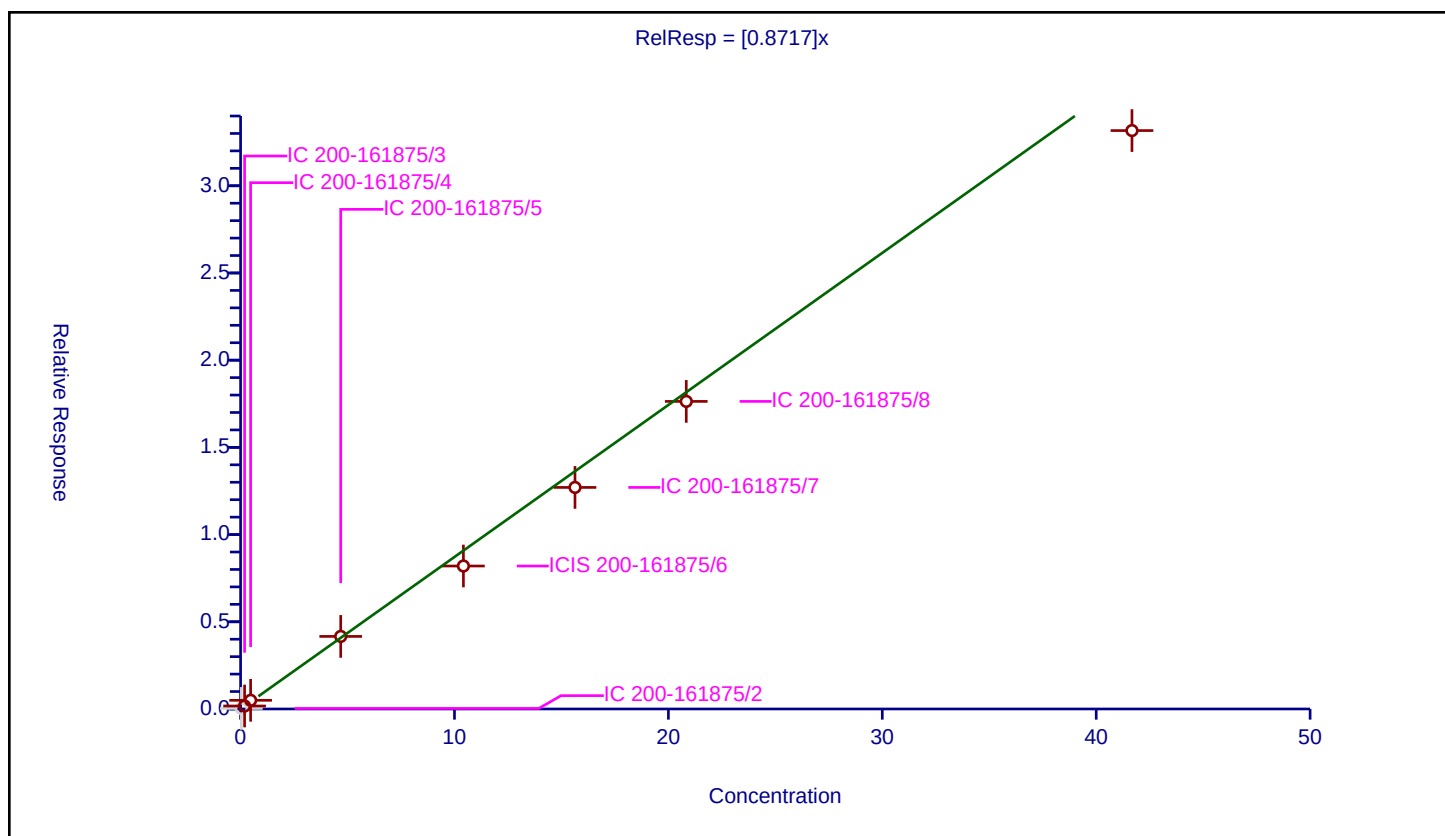
### Curve Coefficients

**Intercept:** 0  
**Slope:** 0.8717

### Error Coefficients

**Standard Error:** 212000  
**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 200-161875/2   | 0.03655       | 0.03065    | 10.0      | 159215.0    | 0.838584 | N    |
| 2  | IC 200-161875/3   | 0.18773       | 0.171323   | 10.0      | 149075.0    | 0.912605 | Y    |
| 3  | IC 200-161875/4   | 0.469324      | 0.496988   | 10.0      | 129500.0    | 1.058944 | Y    |
| 4  | IC 200-161875/5   | 4.682025      | 4.160818   | 10.0      | 120832.0    | 0.888679 | Y    |
| 5  | ICIS 200-161875/6 | 10.417978     | 8.198406   | 10.0      | 131206.0    | 0.786948 | Y    |
| 6  | IC 200-161875/7   | 15.633706     | 12.703114  | 10.0      | 133546.0    | 0.812547 | Y    |
| 7  | IC 200-161875/8   | 20.835957     | 17.637079  | 10.0      | 124837.0    | 0.846473 | Y    |
| 8  | IC 200-161875/9   | 41.671914     | 33.165777  | 10.0      | 127460.0    | 0.795878 | Y    |



# Calibration

/ Trichlorofluoromethane

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

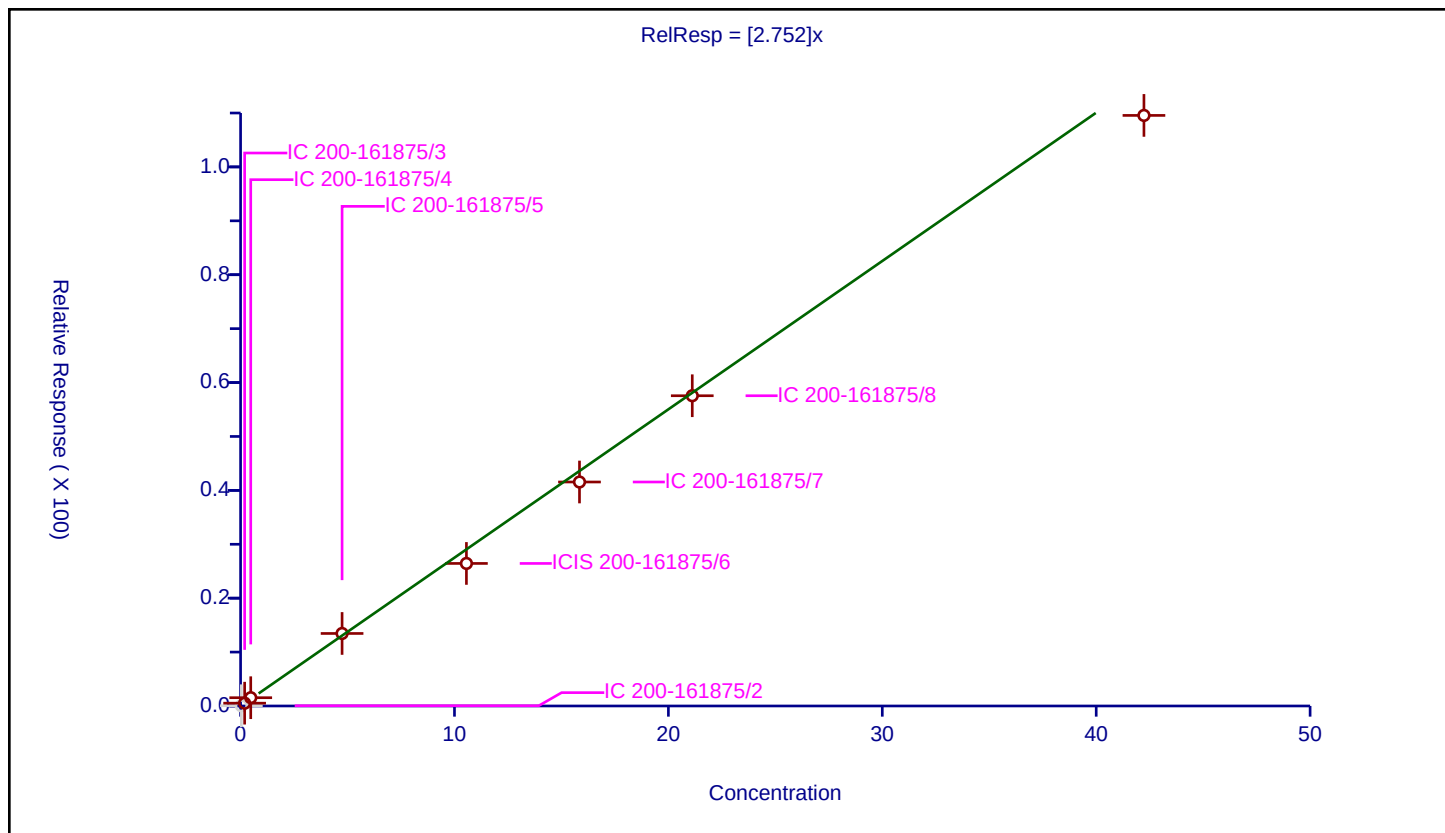
## Curve Coefficients

Intercept: 0  
 Slope: 2.752

## Error Coefficients

Standard Error: 698000  
 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 200-161875/2   | 0.037041      | 0.047546   | 10.0      | 159215.0    | 1.28359  | N    |
| 2  | IC 200-161875/3   | 0.190252      | 0.523629   | 10.0      | 149075.0    | 2.752291 | Y    |
| 3  | IC 200-161875/4   | 0.47563       | 1.534903   | 10.0      | 129500.0    | 3.227095 | Y    |
| 4  | IC 200-161875/5   | 4.744932      | 13.452066  | 10.0      | 120832.0    | 2.835039 | Y    |
| 5  | ICIS 200-161875/6 | 10.557951     | 26.44315   | 10.0      | 131206.0    | 2.504572 | Y    |
| 6  | IC 200-161875/7   | 15.843756     | 41.552948  | 10.0      | 133546.0    | 2.62267  | Y    |
| 7  | IC 200-161875/8   | 21.115902     | 57.552809  | 10.0      | 124837.0    | 2.725567 | Y    |
| 8  | IC 200-161875/9   | 42.231805     | 109.552801 | 10.0      | 127460.0    | 2.594083 | Y    |





# Calibration

/ Pentane

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

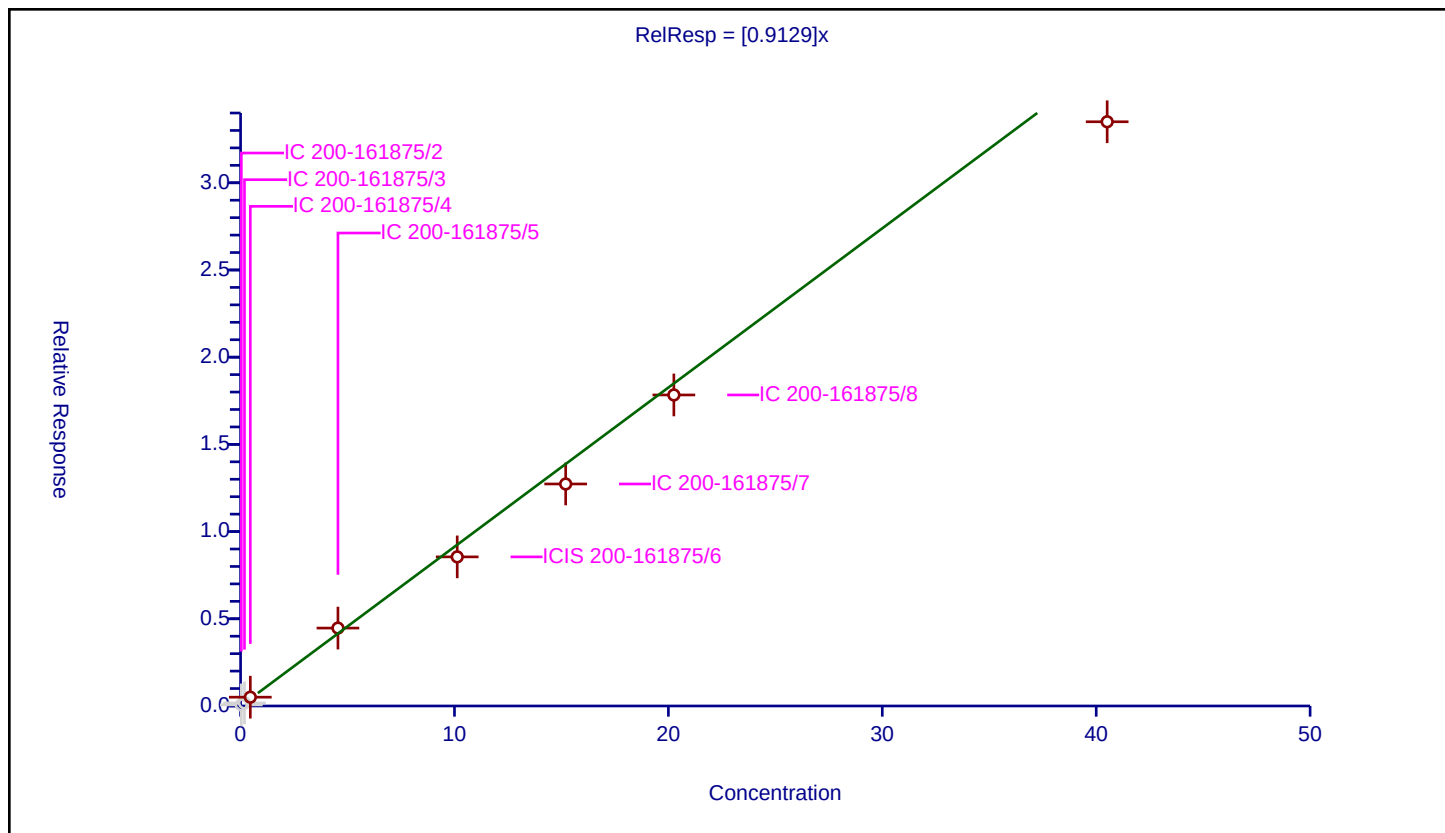
## Curve Coefficients

Intercept: 0  
 Slope: 0.9129

## Error Coefficients

Standard Error: 235000  
 Relative Standard Error: 12.1  
 Correlation Coefficient: 0.999  
 Coefficient of Determination (Adjusted): 0.982

| ID | Level             | Concentration | Rel. Resp. | IS Amount | IS Response | RRF      | Used |
|----|-------------------|---------------|------------|-----------|-------------|----------|------|
| 1  | IC 200-161875/2   | 0.035533      | 0.062494   | 10.0      | 159215.0    | 1.758765 | N    |
| 2  | IC 200-161875/3   | 0.182505      | 0.175147   | 10.0      | 149075.0    | 0.959682 | N    |
| 3  | IC 200-161875/4   | 0.456263      | 0.505097   | 10.0      | 129500.0    | 1.10703  | Y    |
| 4  | IC 200-161875/5   | 4.55172       | 4.467691   | 10.0      | 120832.0    | 0.981539 | Y    |
| 5  | ICIS 200-161875/6 | 10.128035     | 8.549075   | 10.0      | 131206.0    | 0.8441   | Y    |
| 6  | IC 200-161875/7   | 15.198603     | 12.729397  | 10.0      | 133546.0    | 0.837537 | Y    |
| 7  | IC 200-161875/8   | 20.256069     | 17.834136  | 10.0      | 124837.0    | 0.880434 | Y    |
| 8  | IC 200-161875/9   | 40.512139     | 33.498039  | 10.0      | 127460.0    | 0.826864 | Y    |



## Calibration

/ Ethanol

Curve Type: Average  
Weighting: Conc\_Sq  
Origin: Force  
Dependency: Response  
Calib Mode: ISTD  
Response Base: AREA  
RF Rounding: 0

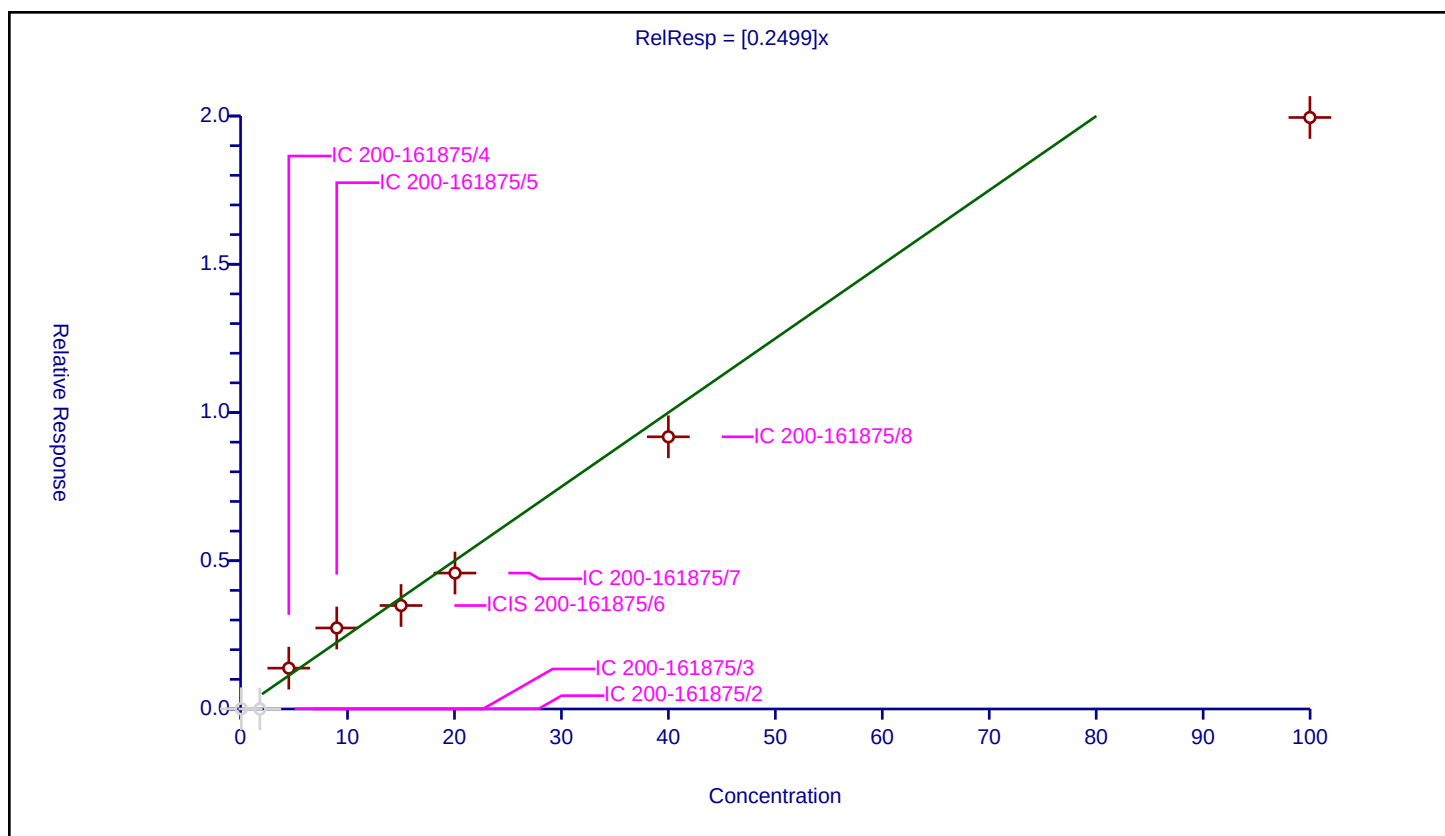
## Curve Coefficients

Intercept: 0  
Slope: 0.2499

## Error Coefficients

Standard Error: 130000  
Relative Standard Error: 17.6  
Correlation Coefficient: 0.999  
Coefficient of Determination (Adjusted): 0.917

| ID | Level             | Concentration | Rel. Resp. | IS Amount | IS Response | RRF      | Used |
|----|-------------------|---------------|------------|-----------|-------------|----------|------|
| 1  | IC 200-161875/2   | 0.070165      | 0.007851   | 10.0      | 159215.0    | 0.111893 | N    |
| 2  | IC 200-161875/3   | 1.80383       | 0.0        | 10.0      | 149075.0    | 0.0      | N    |
| 3  | IC 200-161875/4   | 4.509574      | 1.37722    | 10.0      | 129500.0    | 0.305399 | Y    |
| 4  | IC 200-161875/5   | 8.992434      | 2.732637   | 10.0      | 120832.0    | 0.303882 | Y    |
| 5  | ICIS 200-161875/6 | 15.003557     | 3.490389   | 10.0      | 131206.0    | 0.232637 | Y    |
| 6  | IC 200-161875/7   | 20.047856     | 4.584787   | 10.0      | 133546.0    | 0.228692 | Y    |
| 7  | IC 200-161875/8   | 39.998707     | 9.17981    | 10.0      | 124837.0    | 0.229503 | Y    |
| 8  | IC 200-161875/9   | 99.980599     | 19.95018   | 10.0      | 127460.0    | 0.199541 | Y    |



## Calibration

/ Ethyl ether

Curve Type: Average  
Weighting: Conc\_Sq  
Origin: Force  
Dependency: Response  
Calib Mode: ISTD  
Response Base: AREA  
RF Rounding: 0

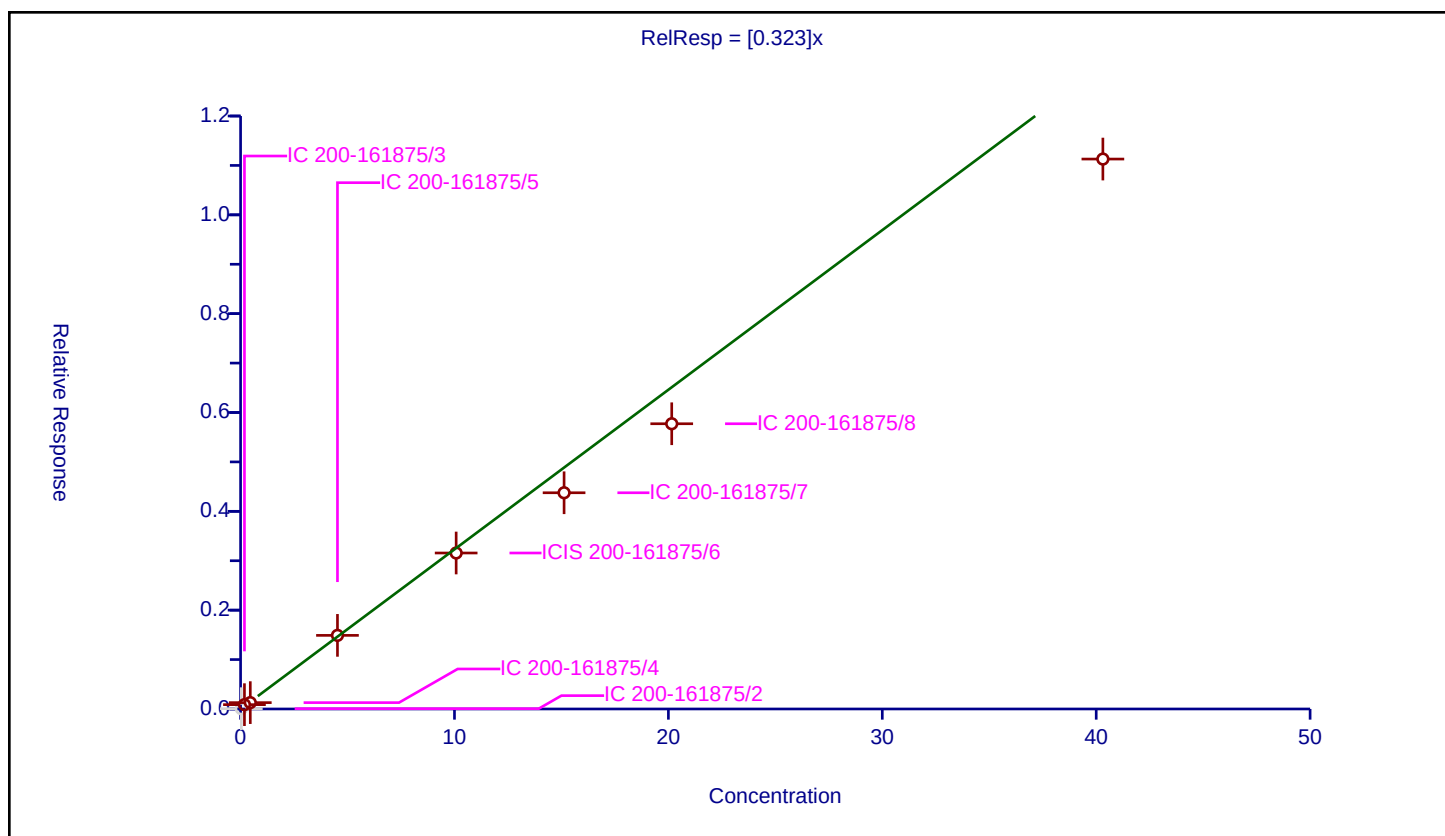
## Curve Coefficients

Intercept: 0  
Slope: 0.323

## Error Coefficients

Standard Error: 71600  
Relative Standard Error: 22.8  
Correlation Coefficient: 0.998  
Coefficient of Determination (Adjusted): 0.924

| ID | Level             | Concentration | Rel. Resp. | IS Amount | IS Response | RRF      | Used |
|----|-------------------|---------------|------------|-----------|-------------|----------|------|
| 1  | IC 200-161875/2   | 0.035358      | 0.006406   | 10.0      | 159215.0    | 0.18119  | N    |
| 2  | IC 200-161875/3   | 0.181604      | 0.087942   | 10.0      | 149075.0    | 0.484253 | Y    |
| 3  | IC 200-161875/4   | 0.454011      | 0.128494   | 10.0      | 129500.0    | 0.28302  | Y    |
| 4  | IC 200-161875/5   | 4.529253      | 1.489672   | 10.0      | 120832.0    | 0.3289   | Y    |
| 5  | ICIS 200-161875/6 | 10.078044     | 3.156487   | 10.0      | 131206.0    | 0.313204 | Y    |
| 6  | IC 200-161875/7   | 15.123585     | 4.375721   | 10.0      | 133546.0    | 0.289331 | Y    |
| 7  | IC 200-161875/8   | 20.156089     | 5.772407   | 10.0      | 124837.0    | 0.286385 | Y    |
| 8  | IC 200-161875/9   | 40.312177     | 11.128746  | 10.0      | 127460.0    | 0.276064 | Y    |



## Calibration

/ Acrolein

Curve Type: Average  
Weighting: Conc\_Sq  
Origin: Force  
Dependency: Response  
Calib Mode: ISTD  
Response Base: AREA  
RF Rounding: 0

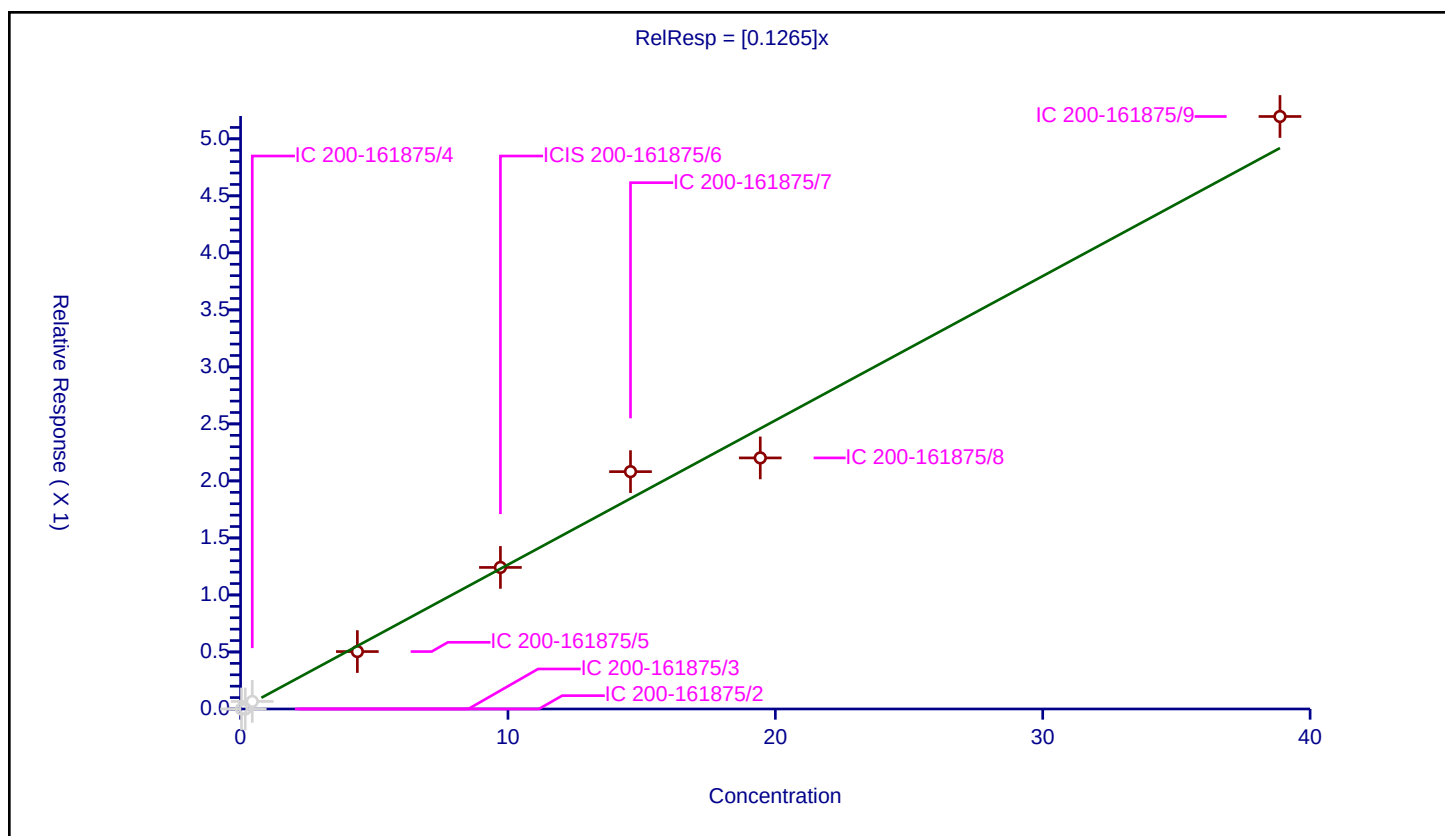
## Curve Coefficients

Intercept: 0  
Slope: 0.1265

## Error Coefficients

Standard Error: 39400  
Relative Standard Error: 9.8  
Correlation Coefficient: 0.981  
Coefficient of Determination (Adjusted): 0.981

| ID | Level             | Concentration | Rel. Resp. | IS Amount | IS Response | RRF      | Used |
|----|-------------------|---------------|------------|-----------|-------------|----------|------|
| 1  | IC 200-161875/2   | 0.034095      | 0.0        | 10.0      | 159215.0    | 0.0      | N    |
| 2  | IC 200-161875/3   | 0.175118      | 0.0        | 10.0      | 149075.0    | 0.0      | N    |
| 3  | IC 200-161875/4   | 0.437796      | 0.066255   | 10.0      | 129500.0    | 0.151337 | N    |
| 4  | IC 200-161875/5   | 4.367494      | 0.503592   | 10.0      | 120832.0    | 0.115305 | Y    |
| 5  | ICIS 200-161875/6 | 9.718114      | 1.241407   | 10.0      | 131206.0    | 0.127742 | Y    |
| 6  | IC 200-161875/7   | 14.583457     | 2.08138    | 10.0      | 133546.0    | 0.142722 | Y    |
| 7  | IC 200-161875/8   | 19.436228     | 2.201751   | 10.0      | 124837.0    | 0.113281 | Y    |
| 8  | IC 200-161875/9   | 38.872457     | 5.195905   | 10.0      | 127460.0    | 0.133665 | Y    |



# Calibration

/ 1,1-Dichloroethene

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

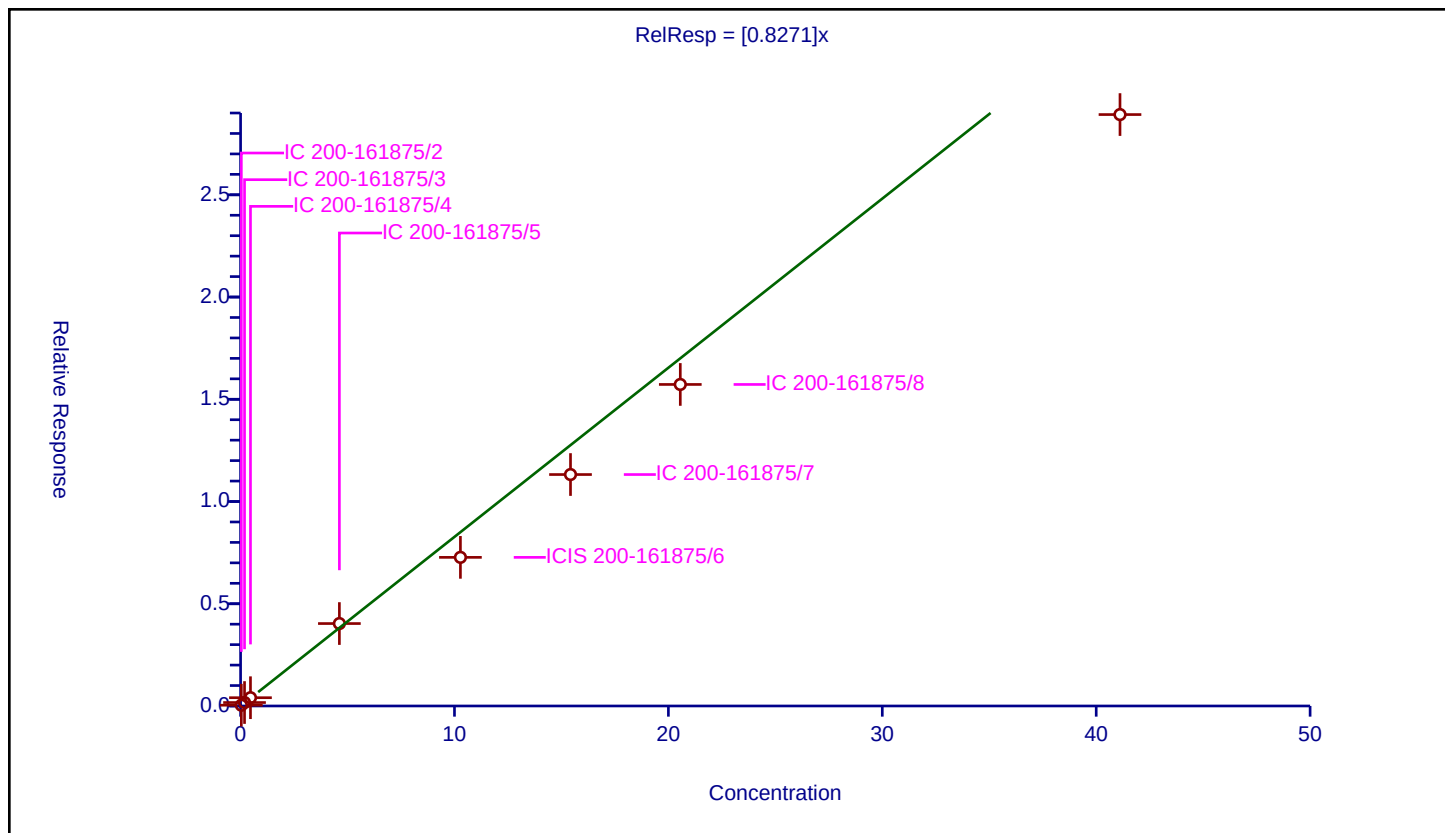
## Curve Coefficients

Intercept: 0  
 Slope: 0.8271

## Error Coefficients

Standard Error: 173000  
 Relative Standard Error: 14.7  
 Correlation Coefficient: 0.998  
 Coefficient of Determination (Adjusted): 0.974

| ID | Level             | Concentration | Rel. Resp. | IS Amount | IS Response | RRF      | Used |
|----|-------------------|---------------|------------|-----------|-------------|----------|------|
| 1  | IC 200-161875/2   | 0.036059      | 0.037873   | 10.0      | 159215.0    | 1.050312 | Y    |
| 2  | IC 200-161875/3   | 0.185207      | 0.168439   | 10.0      | 149075.0    | 0.909459 | Y    |
| 3  | IC 200-161875/4   | 0.463019      | 0.405019   | 10.0      | 129500.0    | 0.874736 | Y    |
| 4  | IC 200-161875/5   | 4.619119      | 4.0313     | 10.0      | 120832.0    | 0.872742 | Y    |
| 5  | ICIS 200-161875/6 | 10.278006     | 7.269027   | 10.0      | 131206.0    | 0.707241 | Y    |
| 6  | IC 200-161875/7   | 15.423656     | 11.319321  | 10.0      | 133546.0    | 0.733893 | Y    |
| 7  | IC 200-161875/8   | 20.556011     | 15.724585  | 10.0      | 124837.0    | 0.764963 | Y    |
| 8  | IC 200-161875/9   | 41.112022     | 28.923898  | 10.0      | 127460.0    | 0.703539 | 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

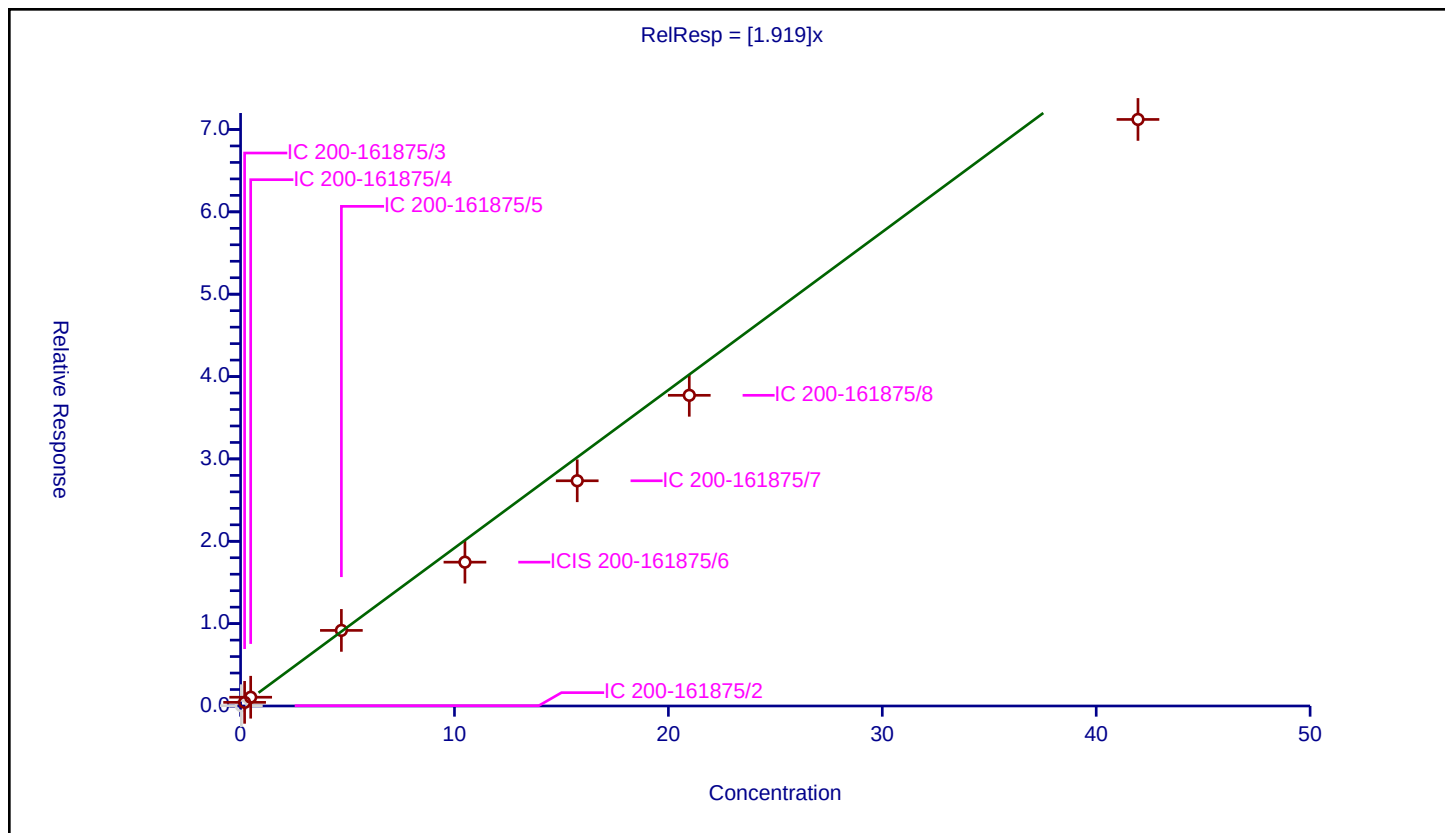
## Curve Coefficients

Intercept: 0  
 Slope: 1.919

## Error Coefficients

Standard Error: 455000  
 Relative Standard Error: 14.2  
 Correlation Coefficient: 0.999  
 Coefficient of Determination (Adjusted): 0.973

| ID | Level             | Concentration | Rel. Resp. | IS Amount | IS Response | RRF      | Used |
|----|-------------------|---------------|------------|-----------|-------------|----------|------|
| 1  | IC 200-161875/2   | 0.036796      | 0.036554   | 10.0      | 159215.0    | 0.99344  | N    |
| 2  | IC 200-161875/3   | 0.188991      | 0.44112    | 10.0      | 149075.0    | 2.334082 | Y    |
| 3  | IC 200-161875/4   | 0.472477      | 1.063398   | 10.0      | 129500.0    | 2.250685 | Y    |
| 4  | IC 200-161875/5   | 4.713479      | 9.176708   | 10.0      | 120832.0    | 1.946908 | Y    |
| 5  | ICIS 200-161875/6 | 10.487965     | 17.463073  | 10.0      | 131206.0    | 1.665058 | Y    |
| 6  | IC 200-161875/7   | 15.738731     | 27.344436  | 10.0      | 133546.0    | 1.737398 | Y    |
| 7  | IC 200-161875/8   | 20.97593      | 37.724232  | 10.0      | 124837.0    | 1.798453 | Y    |
| 8  | IC 200-161875/9   | 41.951859     | 71.220697  | 10.0      | 127460.0    | 1.697677 | Y    |



## Calibration

/ Acetone

Curve Type: Average  
Weighting: Conc\_Sq  
Origin: Force  
Dependency: Response  
Calib Mode: ISTD  
Response Base: AREA  
RF Rounding: 0

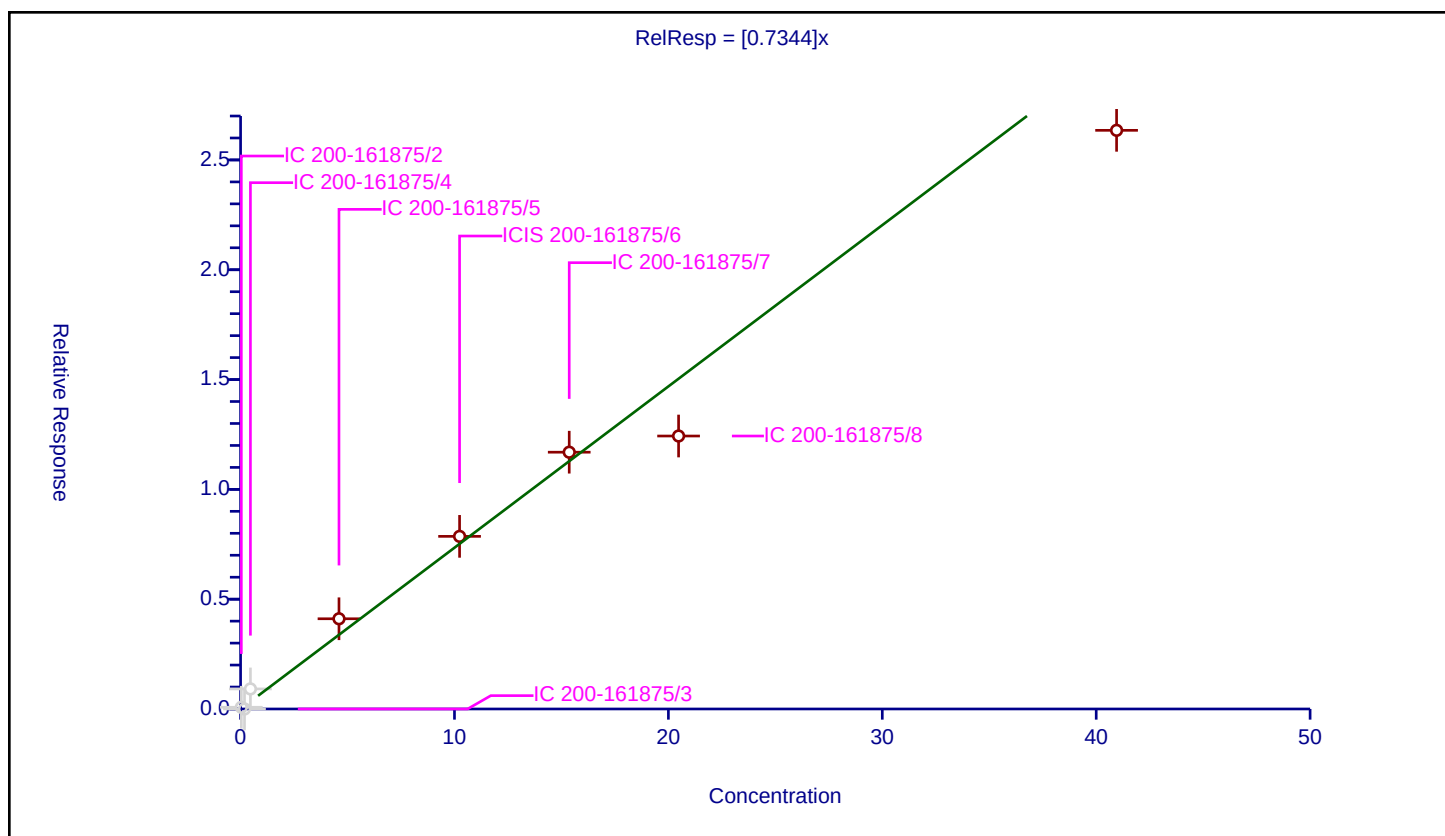
## Curve Coefficients

Intercept: 0  
Slope: 0.7344

## Error Coefficients

Standard Error: 209000  
Relative Standard Error: 15.4  
Correlation Coefficient: 0.981  
Coefficient of Determination (Adjusted): 0.924

| ID | Level             | Concentration | Rel. Resp. | IS Amount | IS Response | RRF      | Used |
|----|-------------------|---------------|------------|-----------|-------------|----------|------|
| 1  | IC 200-161875/2   | 0.035919      | 0.077882   | 10.0      | 159215.0    | 2.168283 | N    |
| 2  | IC 200-161875/3   | 0.184487      | 0.0        | 10.0      | 149075.0    | 0.0      | N    |
| 3  | IC 200-161875/4   | 0.461217      | 0.913977   | 10.0      | 129500.0    | 1.981663 | N    |
| 4  | IC 200-161875/5   | 4.601146      | 4.108018   | 10.0      | 120832.0    | 0.892825 | Y    |
| 5  | ICIS 200-161875/6 | 10.238013     | 7.860692   | 10.0      | 131206.0    | 0.767795 | Y    |
| 6  | IC 200-161875/7   | 15.363642     | 11.691851  | 10.0      | 133546.0    | 0.761008 | Y    |
| 7  | IC 200-161875/8   | 20.476027     | 12.429889  | 10.0      | 124837.0    | 0.607046 | Y    |
| 8  | IC 200-161875/9   | 40.952053     | 26.348423  | 10.0      | 127460.0    | 0.643397 | Y    |



# Calibration

/ Isopropyl alcohol

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

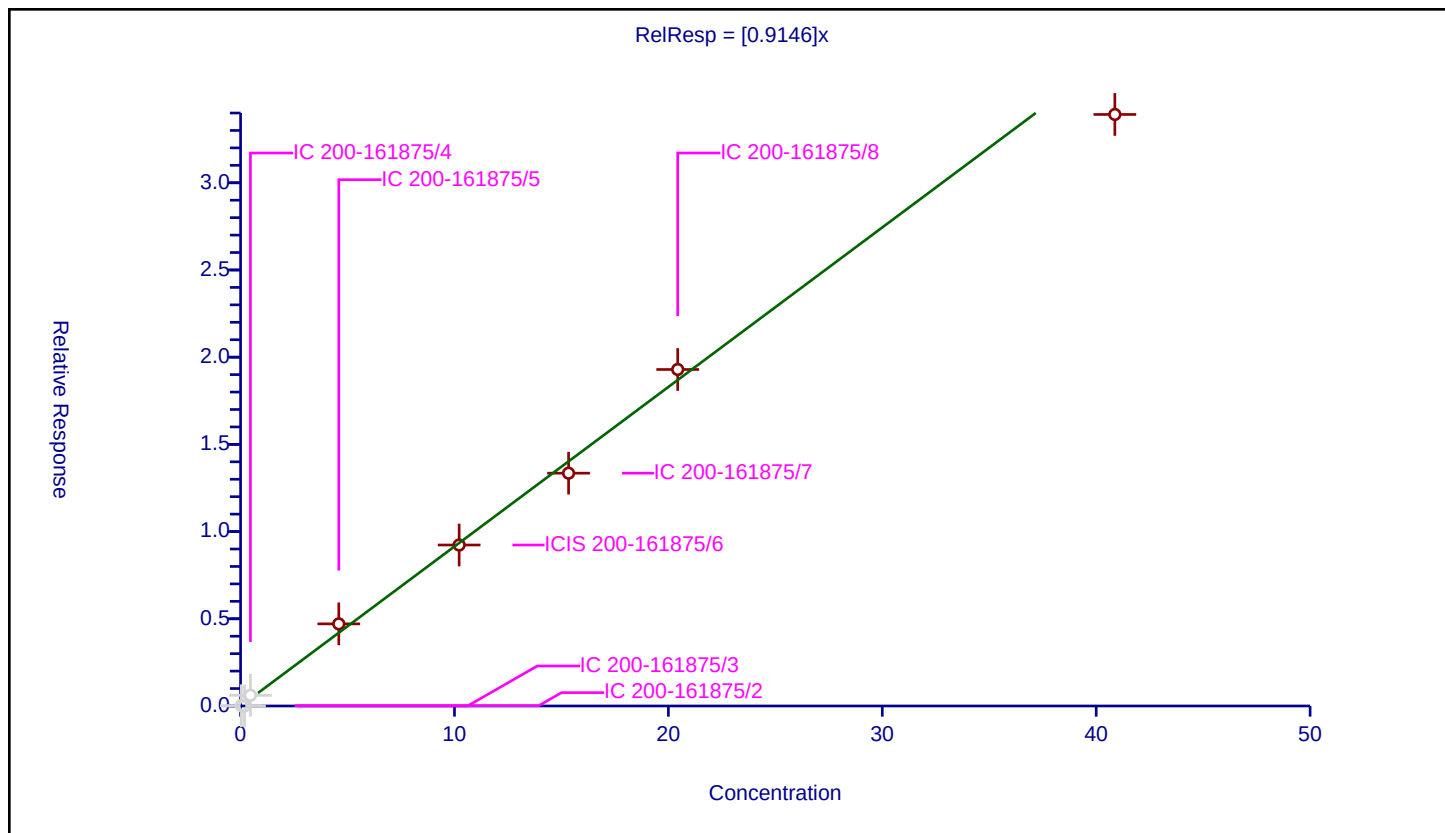
## Curve Coefficients

Intercept: 0  
 Slope: 0.9146

## Error Coefficients

Standard Error: 271000  
 Relative Standard Error: 8.2  
 Correlation Coefficient: 0.997  
 Coefficient of Determination (Adjusted): 0.982

| ID | Level             | Concentration | Rel. Resp. | IS Amount | IS Response | RRF      | Used |
|----|-------------------|---------------|------------|-----------|-------------|----------|------|
| 1  | IC 200-161875/2   | 0.035849      | 0.017021   | 10.0      | 159215.0    | 0.474802 | N    |
| 2  | IC 200-161875/3   | 0.184127      | 0.0        | 10.0      | 149075.0    | 0.0      | N    |
| 3  | IC 200-161875/4   | 0.460316      | 0.611815   | 10.0      | 129500.0    | 1.329118 | N    |
| 4  | IC 200-161875/5   | 4.592159      | 4.708769   | 10.0      | 120832.0    | 1.025393 | Y    |
| 5  | ICIS 200-161875/6 | 10.218017     | 9.229761   | 10.0      | 131206.0    | 0.903283 | Y    |
| 6  | IC 200-161875/7   | 15.333635     | 13.348434  | 10.0      | 133546.0    | 0.870533 | Y    |
| 7  | IC 200-161875/8   | 20.436034     | 19.2946    | 10.0      | 124837.0    | 0.944146 | Y    |
| 8  | IC 200-161875/9   | 40.872069     | 33.917464  | 10.0      | 127460.0    | 0.829845 | Y    |





# Calibration

/ Carbon disulfide

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

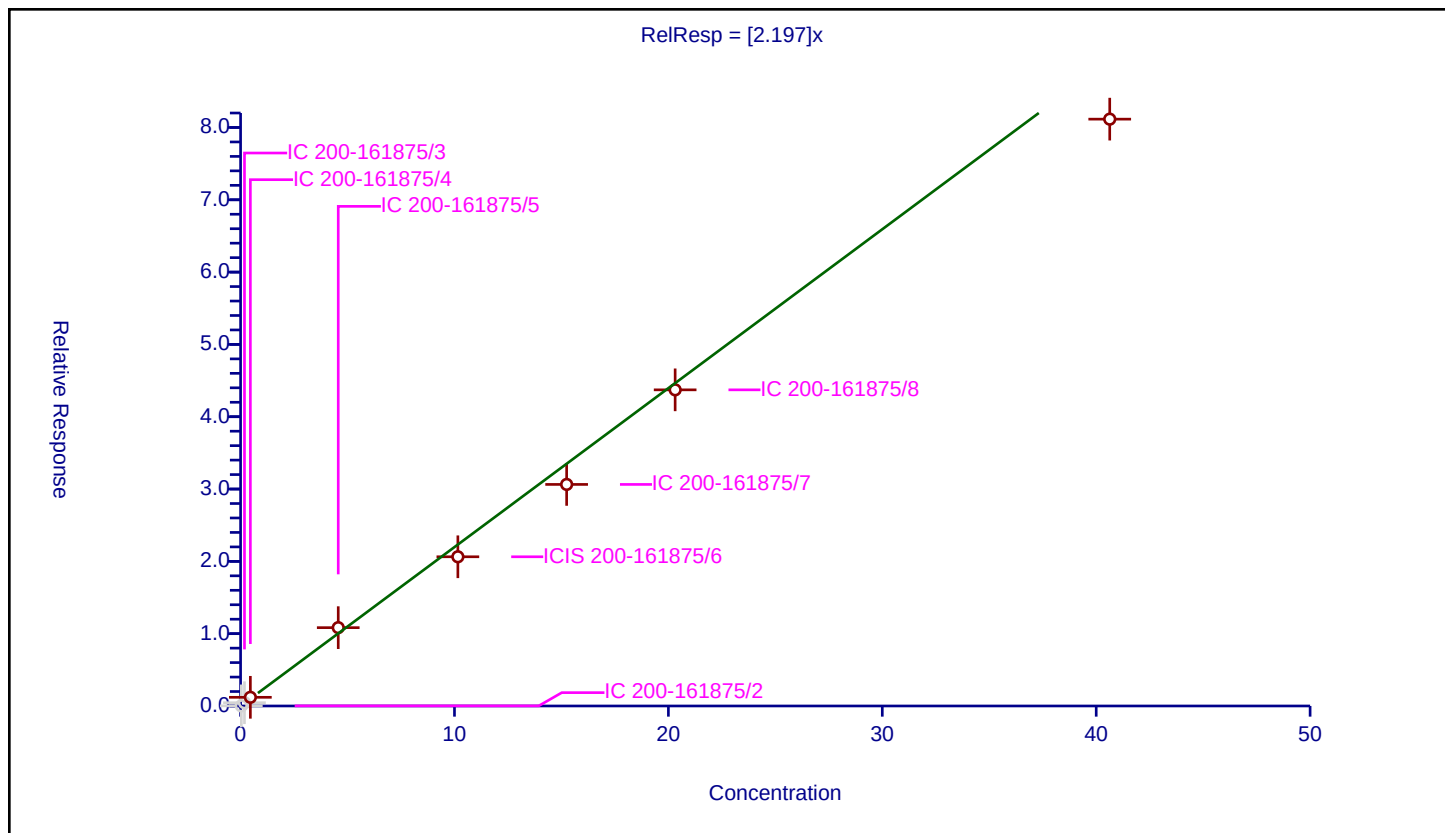
## Curve Coefficients

Intercept: 0  
 Slope: 2.197

## Error Coefficients

Standard Error: 570000  
 Relative Standard Error: 11.4  
 Correlation Coefficient: 0.999  
 Coefficient of Determination (Adjusted): 0.984

| ID | Level             | Concentration | Rel. Resp. | IS Amount | IS Response | RRF      | Used |
|----|-------------------|---------------|------------|-----------|-------------|----------|------|
| 1  | IC 200-161875/2   | 0.035638      | 0.018277   | 10.0      | 159215.0    | 0.512854 | N    |
| 2  | IC 200-161875/3   | 0.183046      | 0.452054   | 10.0      | 149075.0    | 2.469628 | N    |
| 3  | IC 200-161875/4   | 0.457614      | 1.199382   | 10.0      | 129500.0    | 2.620948 | Y    |
| 4  | IC 200-161875/5   | 4.5652        | 10.833471  | 10.0      | 120832.0    | 2.373055 | Y    |
| 5  | ICIS 200-161875/6 | 10.158029     | 20.635565  | 10.0      | 131206.0    | 2.031454 | Y    |
| 6  | IC 200-161875/7   | 15.243614     | 30.639555  | 10.0      | 133546.0    | 2.009993 | Y    |
| 7  | IC 200-161875/8   | 20.316058     | 43.720371  | 10.0      | 124837.0    | 2.152011 | Y    |
| 8  | IC 200-161875/9   | 40.632115     | 81.152832  | 10.0      | 127460.0    | 1.997258 | Y    |



# Calibration

/ Acetonitrile

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

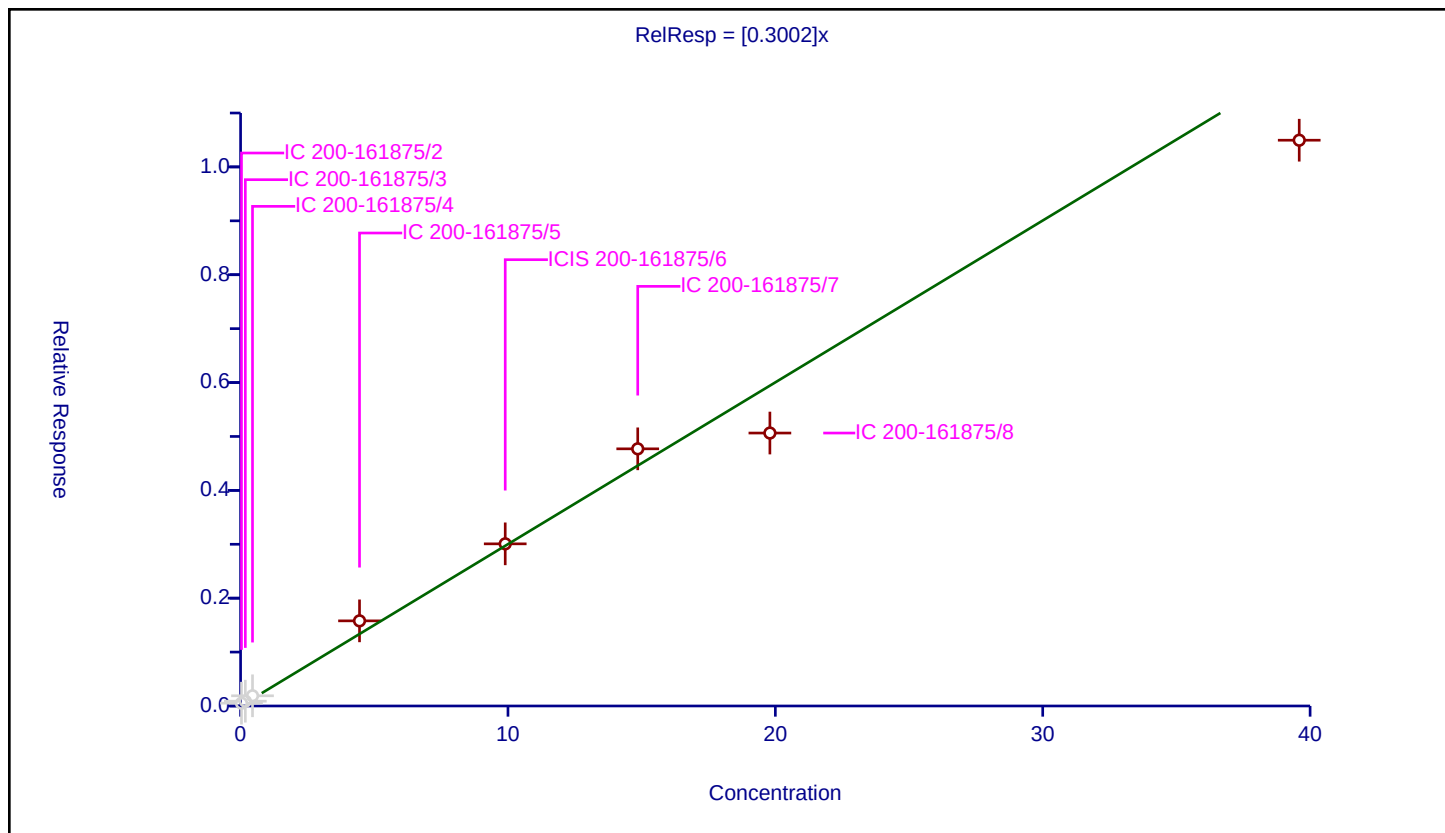
## Curve Coefficients

Intercept: 0  
 Slope: 0.3002

## Error Coefficients

Standard Error: 83500  
 Relative Standard Error: 13.6  
 Correlation Coefficient: 0.981  
 Coefficient of Determination (Adjusted): 0.945

| ID | Level             | Concentration | Rel. Resp. | IS Amount | IS Response | RRF      | Used |
|----|-------------------|---------------|------------|-----------|-------------|----------|------|
| 1  | IC 200-161875/2   | 0.034726      | 0.052131   | 10.0      | 159215.0    | 1.501195 | N    |
| 2  | IC 200-161875/3   | 0.178361      | 0.088613   | 10.0      | 149075.0    | 0.496818 | N    |
| 3  | IC 200-161875/4   | 0.445903      | 0.189266   | 10.0      | 129500.0    | 0.424456 | N    |
| 4  | IC 200-161875/5   | 4.448374      | 1.579052   | 10.0      | 120832.0    | 0.354973 | Y    |
| 5  | ICIS 200-161875/6 | 9.898079      | 3.008094   | 10.0      | 131206.0    | 0.303907 | Y    |
| 6  | IC 200-161875/7   | 14.853521     | 4.770341   | 10.0      | 133546.0    | 0.321159 | Y    |
| 7  | IC 200-161875/8   | 19.796159     | 5.063242   | 10.0      | 124837.0    | 0.255769 | Y    |
| 8  | IC 200-161875/9   | 39.592317     | 10.495528  | 10.0      | 127460.0    | 0.26509  | 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

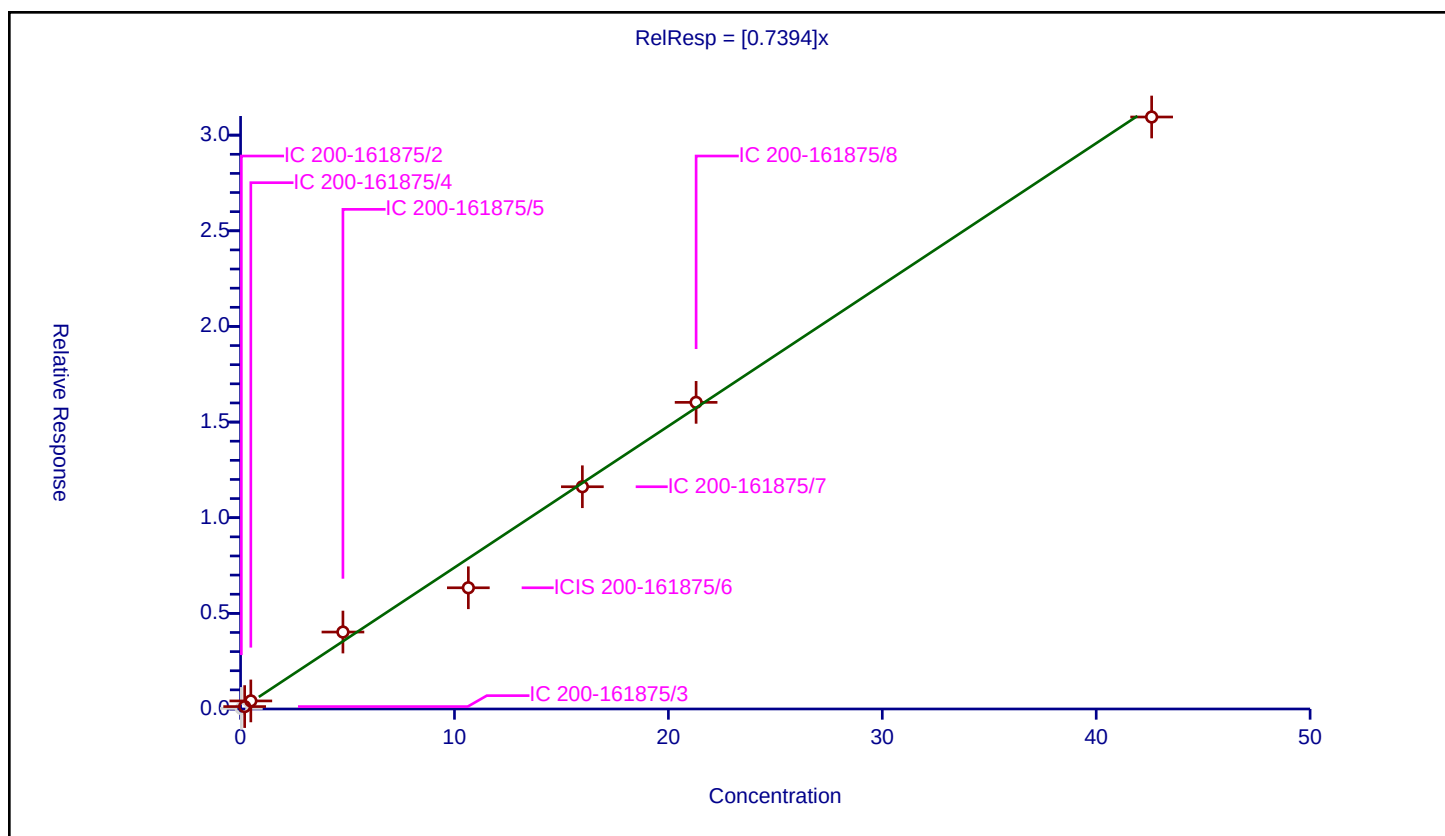
## Curve Coefficients

Intercept: 0  
Slope: 0.7394

## Error Coefficients

Standard Error: 195000  
Relative Standard Error: 13.3  
Correlation Coefficient: 0.997  
Coefficient of Determination (Adjusted): 0.980

| ID | Level             | Concentration | Rel. Resp. | IS Amount | IS Response | RRF      | Used |
|----|-------------------|---------------|------------|-----------|-------------|----------|------|
| 1  | IC 200-161875/2   | 0.037357      | 0.029269   | 10.0      | 159215.0    | 0.783485 | N    |
| 2  | IC 200-161875/3   | 0.191874      | 0.125574   | 10.0      | 149075.0    | 0.654464 | Y    |
| 3  | IC 200-161875/4   | 0.479684      | 0.421699   | 10.0      | 129500.0    | 0.879118 | Y    |
| 4  | IC 200-161875/5   | 4.785372      | 4.023272   | 10.0      | 120832.0    | 0.840744 | Y    |
| 5  | ICIS 200-161875/6 | 10.647934     | 6.336524   | 10.0      | 131206.0    | 0.595094 | Y    |
| 6  | IC 200-161875/7   | 15.978788     | 11.619442  | 10.0      | 133546.0    | 0.727179 | Y    |
| 7  | IC 200-161875/8   | 21.295868     | 16.030263  | 10.0      | 124837.0    | 0.752741 | Y    |
| 8  | IC 200-161875/9   | 42.591735     | 30.947748  | 10.0      | 127460.0    | 0.726614 | Y    |



# Calibration

/ Methylene Chloride

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

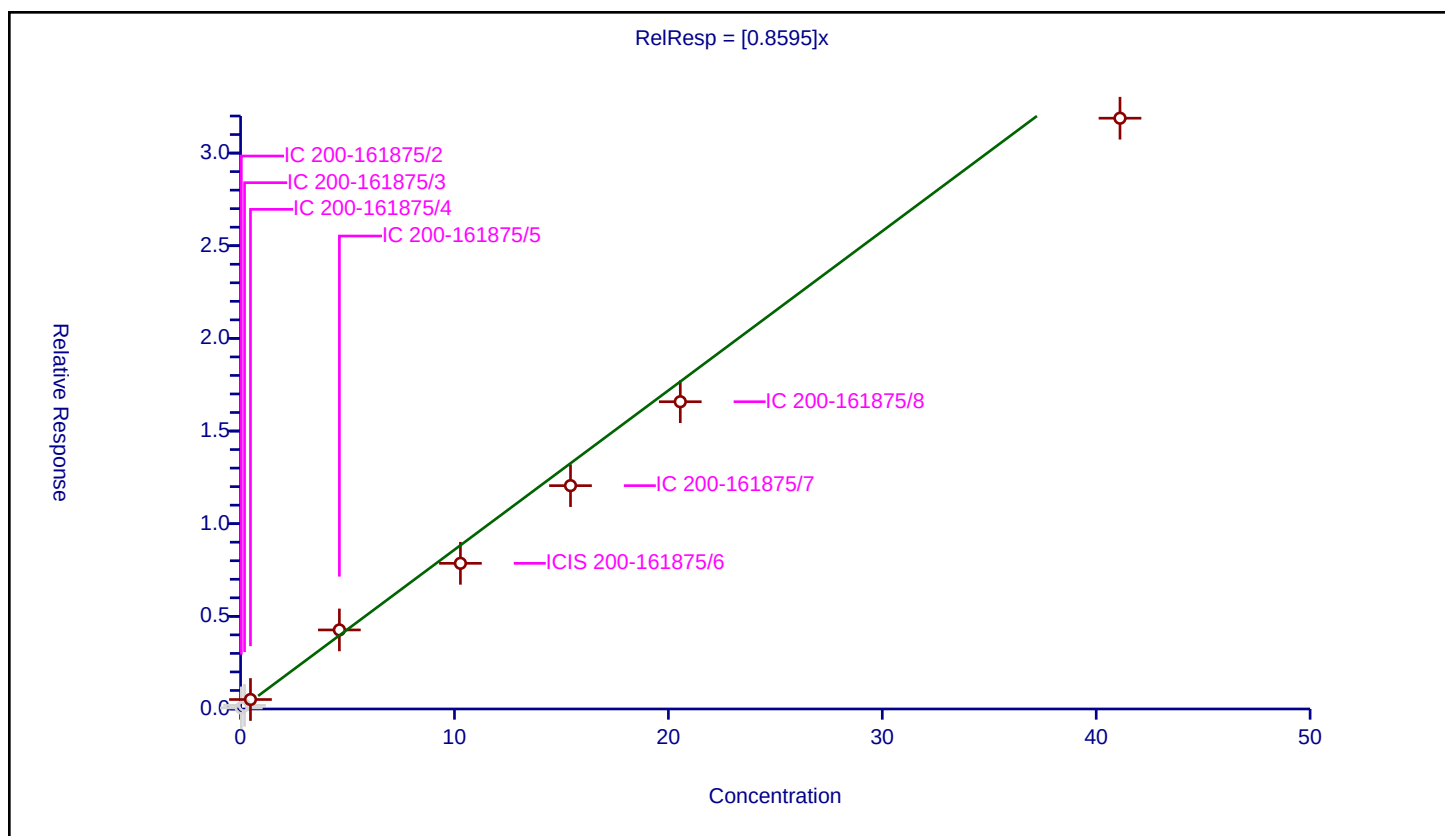
## Curve Coefficients

Intercept: 0  
 Slope: 0.8595

## Error Coefficients

Standard Error: 222000  
 Relative Standard Error: 15.6  
 Correlation Coefficient: 1.000  
 Coefficient of Determination (Adjusted): 0.969

| ID | Level             | Concentration | Rel. Resp. | IS Amount | IS Response | RRF      | Used |
|----|-------------------|---------------|------------|-----------|-------------|----------|------|
| 1  | IC 200-161875/2   | 0.036059      | 0.057972   | 10.0      | 159215.0    | 1.607692 | N    |
| 2  | IC 200-161875/3   | 0.185207      | 0.194332   | 10.0      | 149075.0    | 1.049265 | N    |
| 3  | IC 200-161875/4   | 0.463019      | 0.511815   | 10.0      | 129500.0    | 1.105387 | Y    |
| 4  | IC 200-161875/5   | 4.619119      | 4.265426   | 10.0      | 120832.0    | 0.923429 | Y    |
| 5  | ICIS 200-161875/6 | 10.278006     | 7.861455   | 10.0      | 131206.0    | 0.764881 | Y    |
| 6  | IC 200-161875/7   | 15.423656     | 12.053075  | 10.0      | 133546.0    | 0.781467 | Y    |
| 7  | IC 200-161875/8   | 20.556011     | 16.581302  | 10.0      | 124837.0    | 0.80664  | Y    |
| 8  | IC 200-161875/9   | 41.112022     | 31.881767  | 10.0      | 127460.0    | 0.775485 | 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

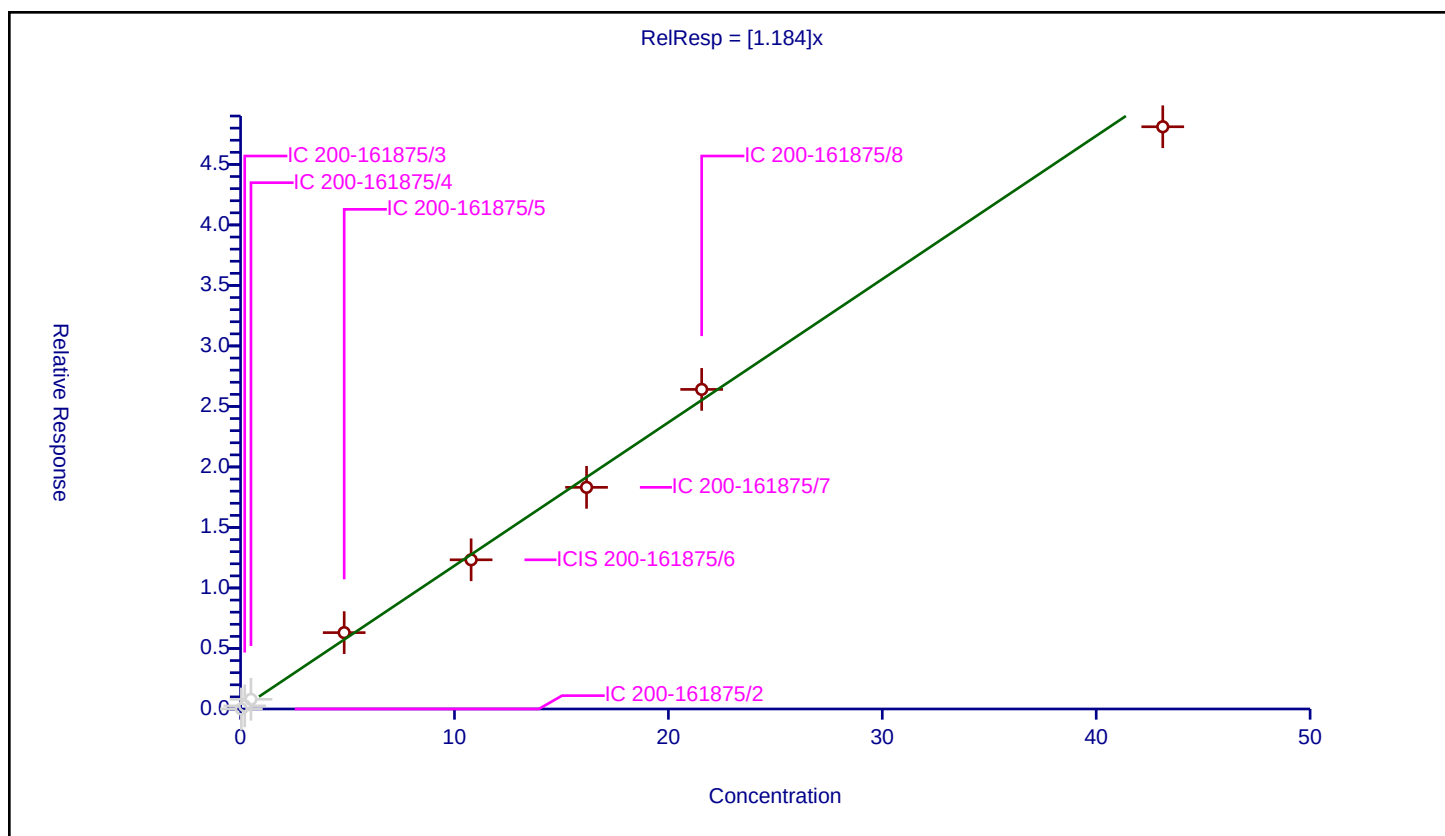
## Curve Coefficients

Intercept: 0  
 Slope: 1.184

## Error Coefficients

Standard Error: 380000  
 Relative Standard Error: 6.6  
 Correlation Coefficient: 0.998  
 Coefficient of Determination (Adjusted): 0.989

| ID | Level             | Concentration | Rel. Resp. | IS Amount | IS Response | RRF      | Used |
|----|-------------------|---------------|------------|-----------|-------------|----------|------|
| 1  | IC 200-161875/2   | 0.037813      | 0.0        | 10.0      | 159215.0    | 0.0      | N    |
| 2  | IC 200-161875/3   | 0.194216      | 0.257588   | 10.0      | 149075.0    | 1.326301 | N    |
| 3  | IC 200-161875/4   | 0.485539      | 0.8        | 10.0      | 129500.0    | 1.647653 | N    |
| 4  | IC 200-161875/5   | 4.843785      | 6.308925   | 10.0      | 120832.0    | 1.302478 | Y    |
| 5  | ICIS 200-161875/6 | 10.777909     | 12.328323  | 10.0      | 131206.0    | 1.143851 | Y    |
| 6  | IC 200-161875/7   | 16.173834     | 18.314364  | 10.0      | 133546.0    | 1.132345 | Y    |
| 7  | IC 200-161875/8   | 21.555817     | 26.409478  | 10.0      | 124837.0    | 1.225167 | Y    |
| 8  | IC 200-161875/9   | 43.111634     | 48.111721  | 10.0      | 127460.0    | 1.11598  | Y    |



## Calibration

/ Acrylonitrile

Curve Type: Average  
Weighting: Conc\_Sq  
Origin: Force  
Dependency: Response  
Calib Mode: ISTD  
Response Base: AREA  
RF Rounding: 0

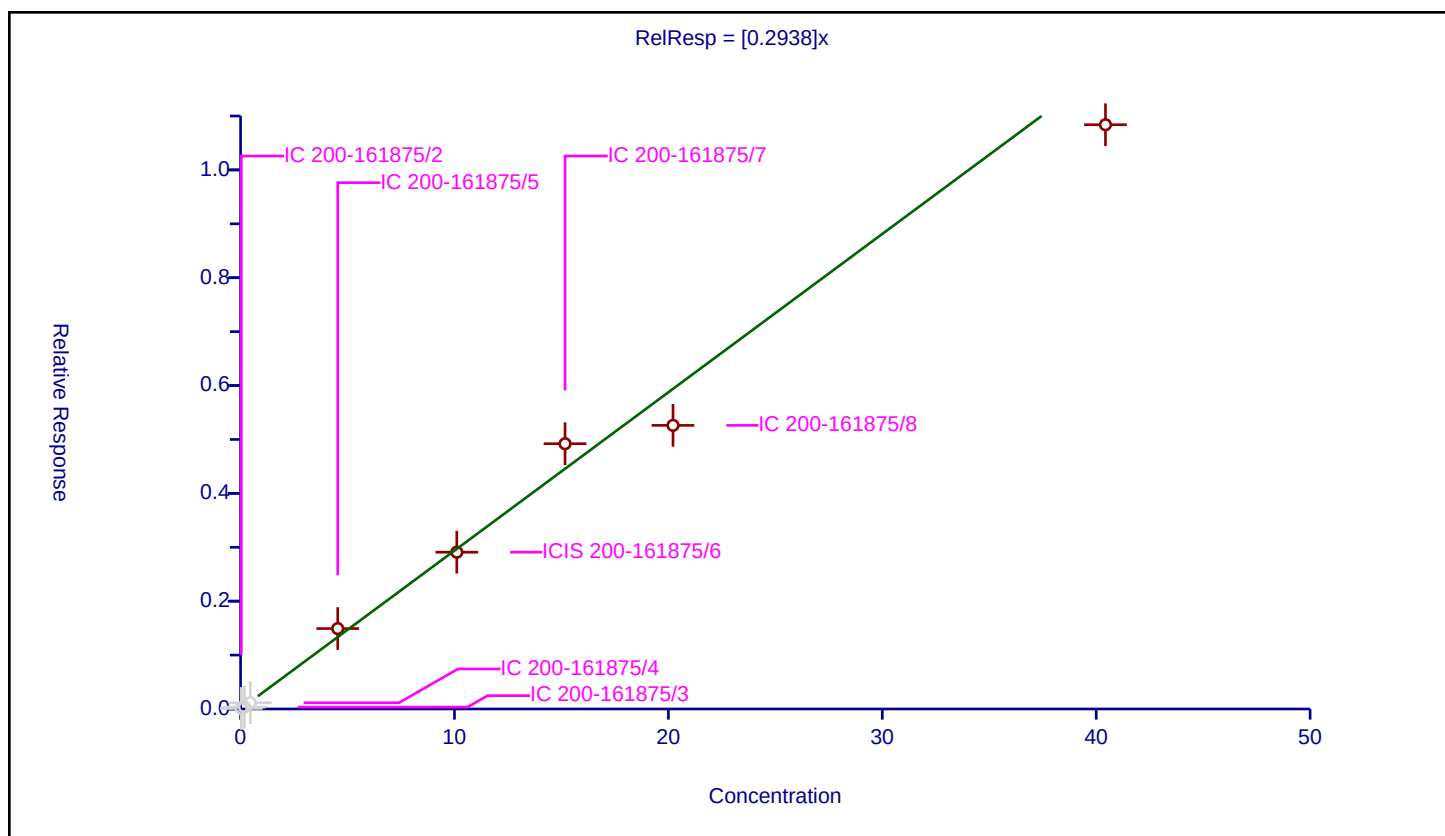
## Curve Coefficients

Intercept: 0  
Slope: 0.2938

## Error Coefficients

Standard Error: 85900  
Relative Standard Error: 10.7  
Correlation Coefficient: 0.982  
Coefficient of Determination (Adjusted): 0.970

| ID | Level             | Concentration | Rel. Resp. | IS Amount | IS Response | RRF      | Used |
|----|-------------------|---------------|------------|-----------|-------------|----------|------|
| 1  | IC 200-161875/2   | 0.035463      | 0.010552   | 10.0      | 159215.0    | 0.297545 | N    |
| 2  | IC 200-161875/3   | 0.182145      | 0.034681   | 10.0      | 149075.0    | 0.190401 | N    |
| 3  | IC 200-161875/4   | 0.455362      | 0.11583    | 10.0      | 129500.0    | 0.254369 | N    |
| 4  | IC 200-161875/5   | 4.542733      | 1.491575   | 10.0      | 120832.0    | 0.328343 | Y    |
| 5  | ICIS 200-161875/6 | 10.108039     | 2.908327   | 10.0      | 131206.0    | 0.287724 | Y    |
| 6  | IC 200-161875/7   | 15.168596     | 4.920851   | 10.0      | 133546.0    | 0.32441  | Y    |
| 7  | IC 200-161875/8   | 20.216077     | 5.261261   | 10.0      | 124837.0    | 0.260251 | Y    |
| 8  | IC 200-161875/9   | 40.432154     | 10.838145  | 10.0      | 127460.0    | 0.268058 | 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

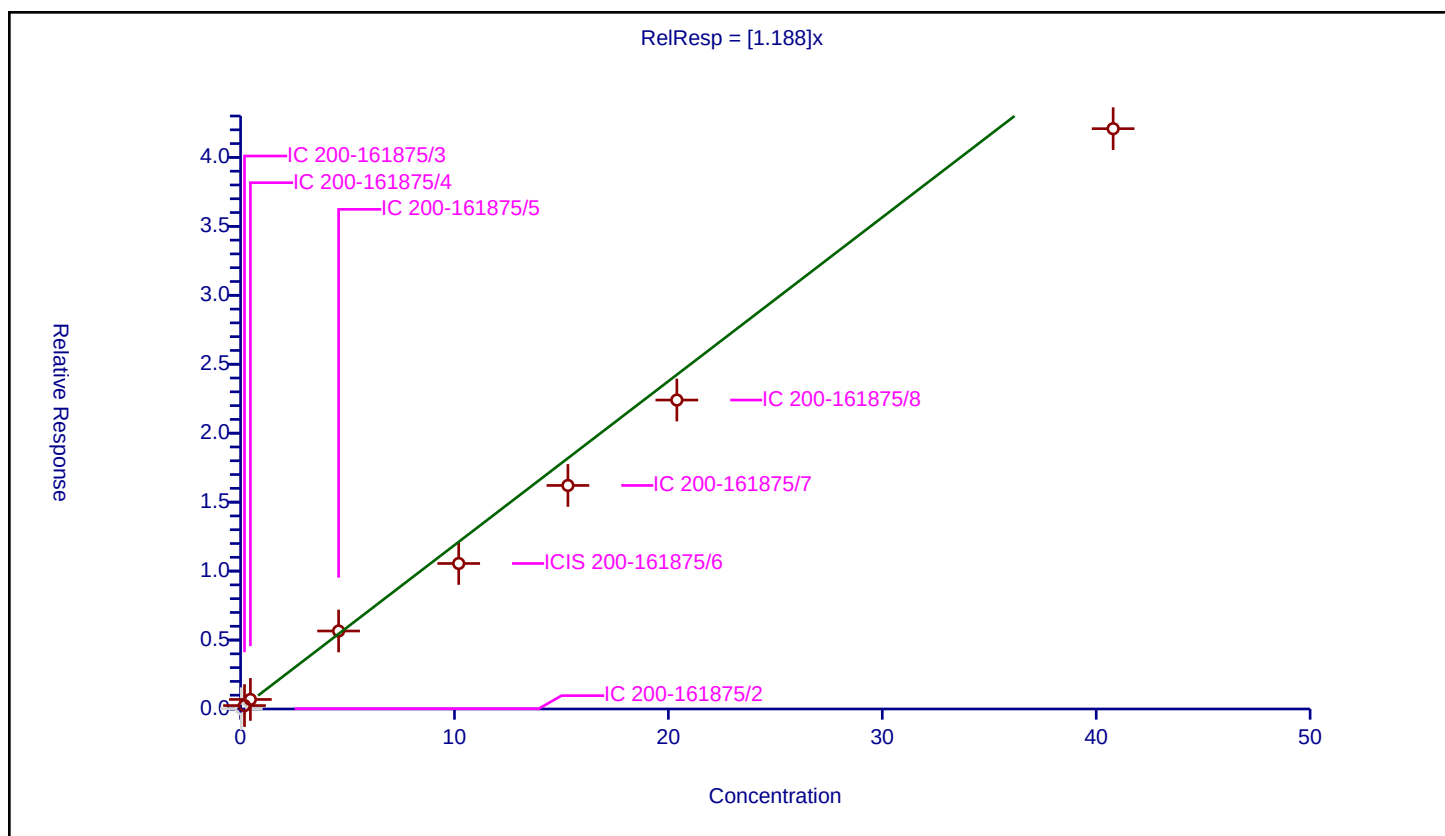
## Curve Coefficients

Intercept: 0  
Slope: 1.188

## Error Coefficients

Standard Error: 270000  
Relative Standard Error: 15.5  
Correlation Coefficient: 0.999  
Coefficient of Determination (Adjusted): 0.968

| ID | Level             | Concentration | Rel. Resp. | IS Amount | IS Response | RRF      | Used |
|----|-------------------|---------------|------------|-----------|-------------|----------|------|
| 1  | IC 200-161875/2   | 0.035778      | 0.020161   | 10.0      | 159215.0    | 0.563507 | N    |
| 2  | IC 200-161875/3   | 0.183766      | 0.249136   | 10.0      | 149075.0    | 1.355725 | Y    |
| 3  | IC 200-161875/4   | 0.459415      | 0.69166    | 10.0      | 129500.0    | 1.505522 | Y    |
| 4  | IC 200-161875/5   | 4.583173      | 5.655621   | 10.0      | 120832.0    | 1.233997 | Y    |
| 5  | ICIS 200-161875/6 | 10.198021     | 10.550585  | 10.0      | 131206.0    | 1.034572 | Y    |
| 6  | IC 200-161875/7   | 15.303628     | 16.210594  | 10.0      | 133546.0    | 1.059265 | Y    |
| 7  | IC 200-161875/8   | 20.396042     | 22.403935  | 10.0      | 124837.0    | 1.098445 | Y    |
| 8  | IC 200-161875/9   | 40.792084     | 42.0823    | 10.0      | 127460.0    | 1.031629 | 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

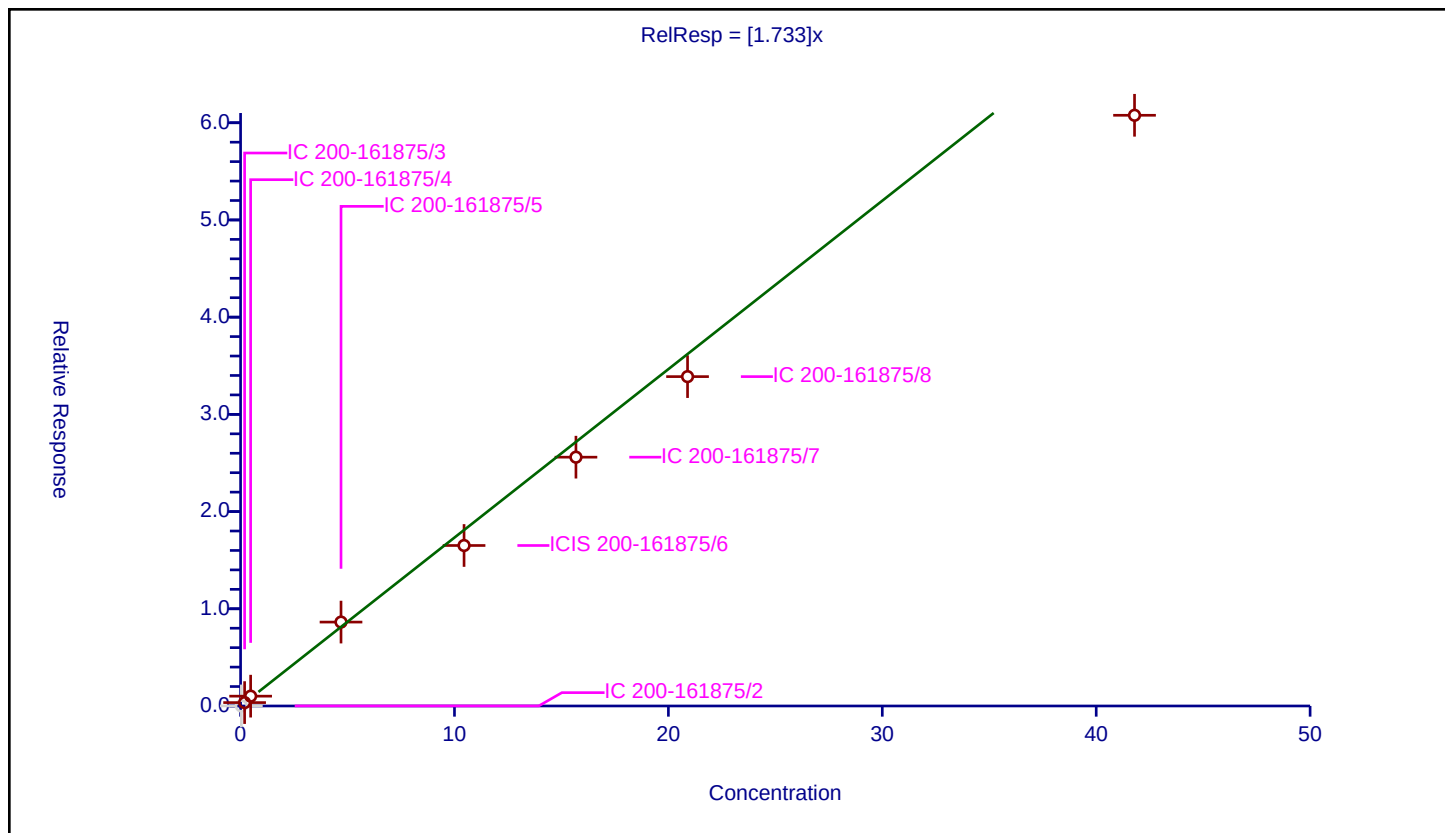
## Curve Coefficients

Intercept: 0  
 Slope: 1.733

## Error Coefficients

Standard Error: 399000  
 Relative Standard Error: 13.3  
 Correlation Coefficient: 0.995  
 Coefficient of Determination (Adjusted): 0.978

| ID | Level             | Concentration | Rel. Resp. | IS Amount | IS Response | RRF      | Used |
|----|-------------------|---------------|------------|-----------|-------------|----------|------|
| 1  | IC 200-161875/2   | 0.036655      | 0.007977   | 10.0      | 159215.0    | 0.217611 | N    |
| 2  | IC 200-161875/3   | 0.18827       | 0.349489   | 10.0      | 149075.0    | 1.856313 | Y    |
| 3  | IC 200-161875/4   | 0.470676      | 1.009961   | 10.0      | 129500.0    | 2.145769 | Y    |
| 4  | IC 200-161875/5   | 4.695505      | 8.630661   | 10.0      | 120832.0    | 1.838069 | Y    |
| 5  | ICIS 200-161875/6 | 10.447973     | 16.50923   | 10.0      | 131206.0    | 1.580137 | Y    |
| 6  | IC 200-161875/7   | 15.678717     | 25.597098  | 10.0      | 133546.0    | 1.632602 | Y    |
| 7  | IC 200-161875/8   | 20.895945     | 33.882423  | 10.0      | 124837.0    | 1.621483 | Y    |
| 8  | IC 200-161875/9   | 41.79189      | 60.766986  | 10.0      | 127460.0    | 1.454038 | Y    |





# Calibration

/ Hexane

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

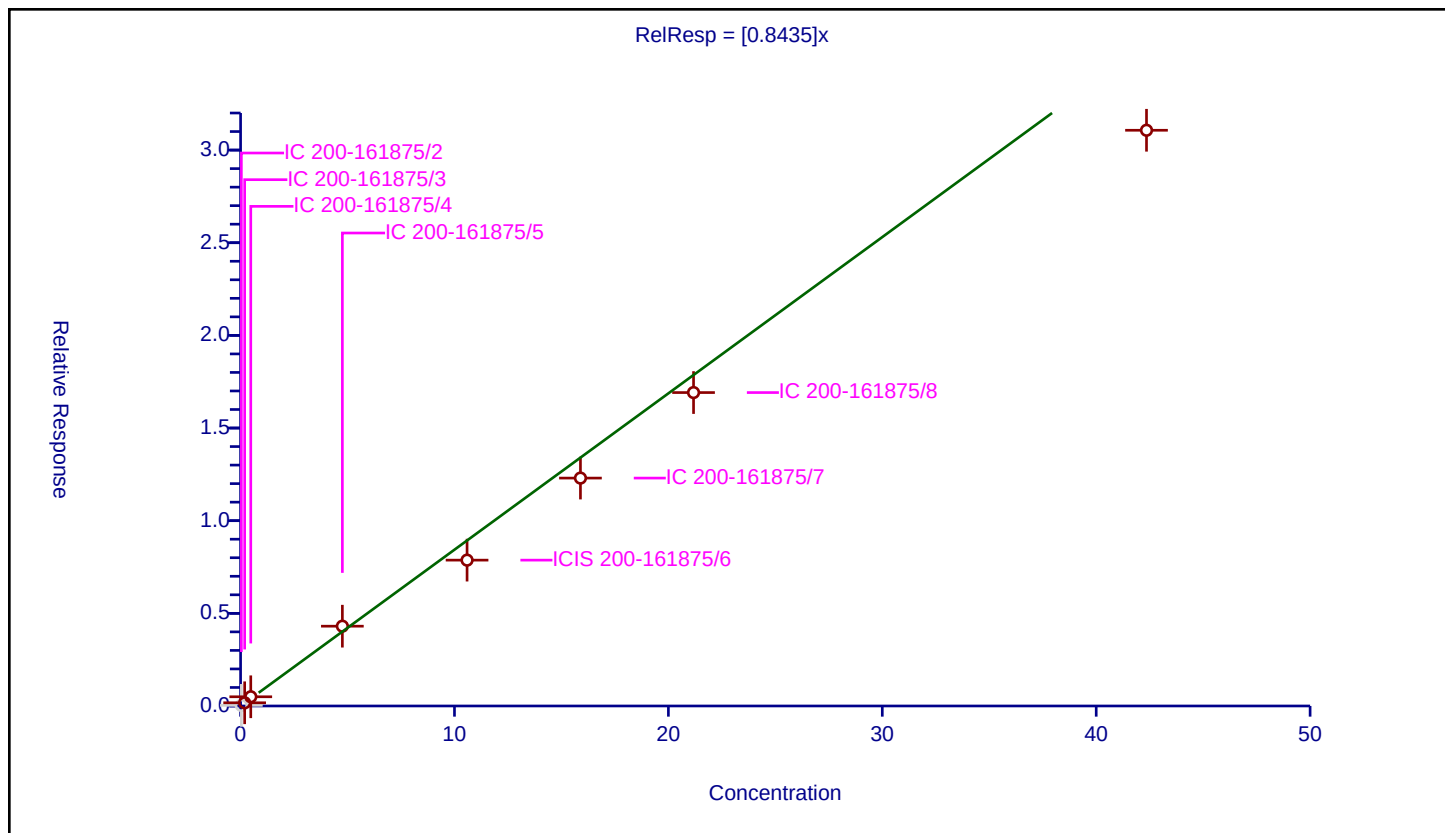
## Curve Coefficients

Intercept: 0  
 Slope: 0.8435

## Error Coefficients

Standard Error: 201000  
 Relative Standard Error: 13.4  
 Correlation Coefficient: 0.998  
 Coefficient of Determination (Adjusted): 0.977

| ID | Level             | Concentration | Rel. Resp. | IS Amount | IS Response | RRF      | Used |
|----|-------------------|---------------|------------|-----------|-------------|----------|------|
| 1  | IC 200-161875/2   | 0.037146      | 0.033226   | 10.0      | 159215.0    | 0.894446 | N    |
| 2  | IC 200-161875/3   | 0.190793      | 0.172933   | 10.0      | 149075.0    | 0.906393 | Y    |
| 3  | IC 200-161875/4   | 0.476981      | 0.497529   | 10.0      | 129500.0    | 1.043078 | Y    |
| 4  | IC 200-161875/5   | 4.758412      | 4.307137   | 10.0      | 120832.0    | 0.905163 | Y    |
| 5  | ICIS 200-161875/6 | 10.587945     | 7.871363   | 10.0      | 131206.0    | 0.743427 | Y    |
| 6  | IC 200-161875/7   | 15.888767     | 12.299582  | 10.0      | 133546.0    | 0.774106 | Y    |
| 7  | IC 200-161875/8   | 21.175891     | 16.914697  | 10.0      | 124837.0    | 0.798771 | Y    |
| 8  | IC 200-161875/9   | 42.351782     | 31.069277  | 10.0      | 127460.0    | 0.7336   | Y    |



# Calibration

/ 1,1-Dichloroethane

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

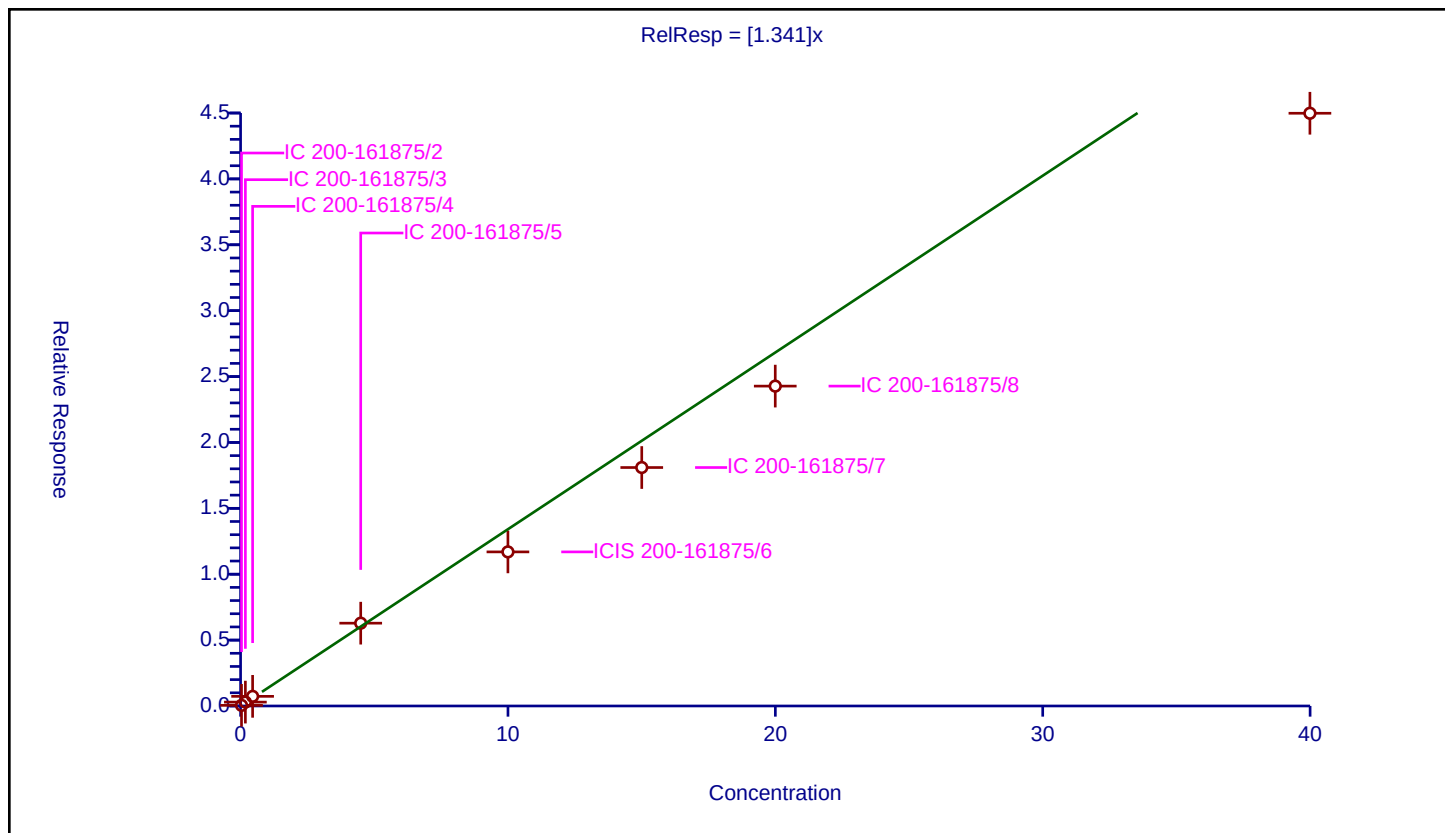
## Curve Coefficients

Intercept: 0  
 Slope: 1.341

## Error Coefficients

Standard Error: 269000  
 Relative Standard Error: 14.9  
 Correlation Coefficient: 0.998  
 Coefficient of Determination (Adjusted): 0.976

| ID | Level             | Concentration | Rel. Resp. | IS Amount | IS Response | RRF      | Used |
|----|-------------------|---------------|------------|-----------|-------------|----------|------|
| 1  | IC 200-161875/2   | 0.035077      | 0.047671   | 10.0      | 159215.0    | 1.359052 | Y    |
| 2  | IC 200-161875/3   | 0.180163      | 0.294885   | 10.0      | 149075.0    | 1.636769 | Y    |
| 3  | IC 200-161875/4   | 0.450407      | 0.730734   | 10.0      | 129500.0    | 1.622384 | Y    |
| 4  | IC 200-161875/5   | 4.493307      | 6.2836     | 10.0      | 120832.0    | 1.398436 | Y    |
| 5  | ICIS 200-161875/6 | 9.99806       | 11.694206  | 10.0      | 131206.0    | 1.169648 | Y    |
| 6  | IC 200-161875/7   | 15.003557     | 18.09721   | 10.0      | 133546.0    | 1.206195 | Y    |
| 7  | IC 200-161875/8   | 19.99612      | 24.274774  | 10.0      | 124837.0    | 1.213974 | Y    |
| 8  | IC 200-161875/9   | 39.99224      | 44.981092  | 10.0      | 127460.0    | 1.124746 | Y    |



# Calibration

/ Vinyl acetate

Curve Type: Average  
Weighting: Conc\_Sq  
Origin: Force  
Dependency: Response  
Calib Mode: ISTD  
Response Base: AREA  
RF Rounding: 0

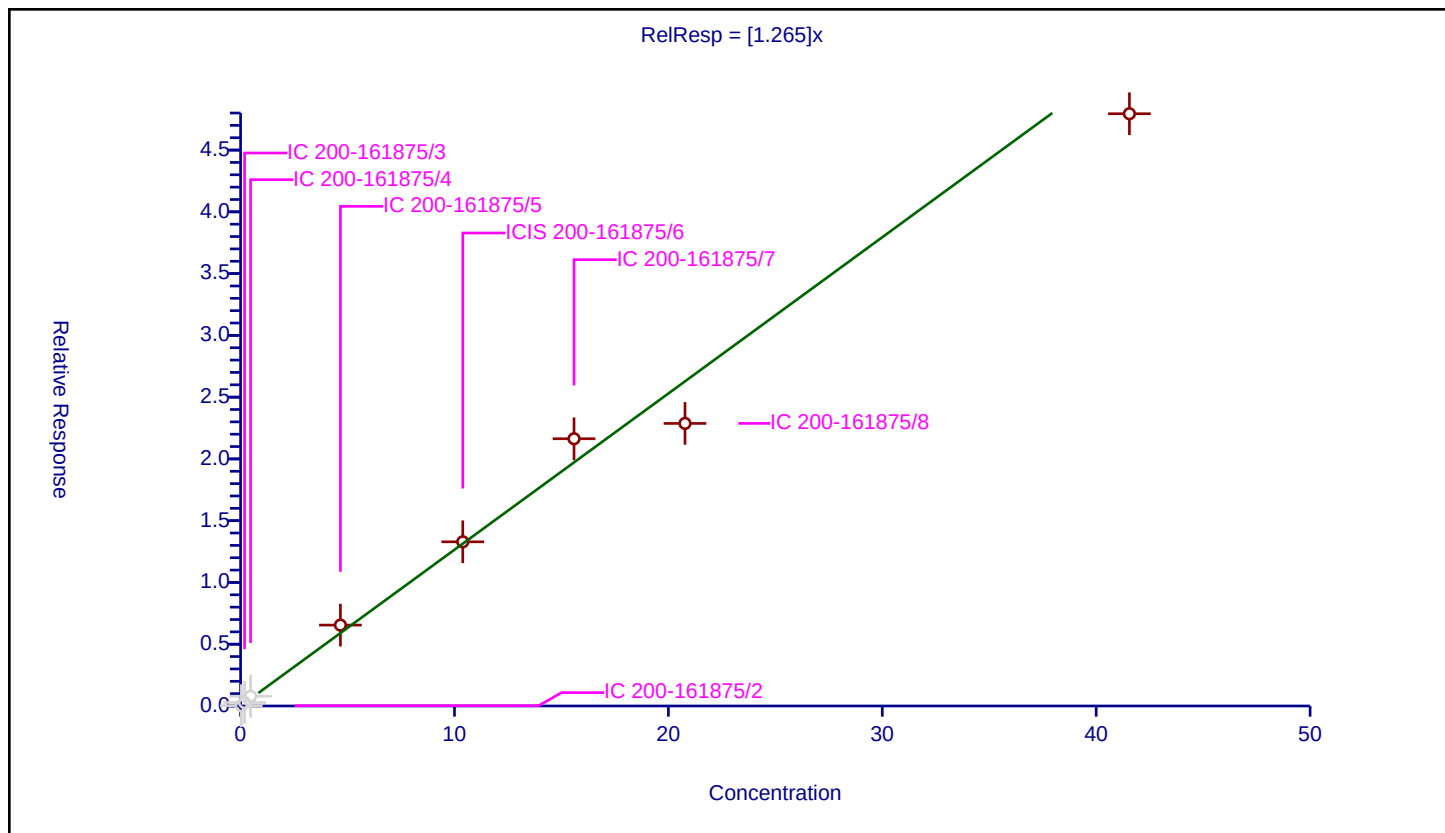
## Curve Coefficients

Intercept: 0  
Slope: 1.265

## Error Coefficients

Standard Error: 379000  
Relative Standard Error: 10.7  
Correlation Coefficient: 0.981  
Coefficient of Determination (Adjusted): 0.969

| ID | Level             | Concentration | Rel. Resp. | IS Amount | IS Response | RRF      | Used |
|----|-------------------|---------------|------------|-----------|-------------|----------|------|
| 1  | IC 200-161875/2   | 0.036445      | 0.024746   | 10.0      | 159215.0    | 0.679008 | N    |
| 2  | IC 200-161875/3   | 0.187189      | 0.284286   | 10.0      | 149075.0    | 1.518711 | N    |
| 3  | IC 200-161875/4   | 0.467973      | 0.790502   | 10.0      | 129500.0    | 1.689203 | N    |
| 4  | IC 200-161875/5   | 4.668546      | 6.548017   | 10.0      | 120832.0    | 1.402582 | Y    |
| 5  | ICIS 200-161875/6 | 10.387984     | 13.289484  | 10.0      | 131206.0    | 1.279313 | Y    |
| 6  | IC 200-161875/7   | 15.588696     | 21.632546  | 10.0      | 133546.0    | 1.387707 | Y    |
| 7  | IC 200-161875/8   | 20.775968     | 22.873187  | 10.0      | 124837.0    | 1.100944 | Y    |
| 8  | IC 200-161875/9   | 41.551937     | 47.940923  | 10.0      | 127460.0    | 1.153759 | Y    |



## Calibration

/ 2-Butanone (MEK)

**Curve Type:** Average  
**Weighting:** Conc\_Sq  
**Origin:** Force  
**Dependency:** Response  
**Calib Mode:** ISTD  
**Response Base:** AREA  
**RF Rounding:** 0

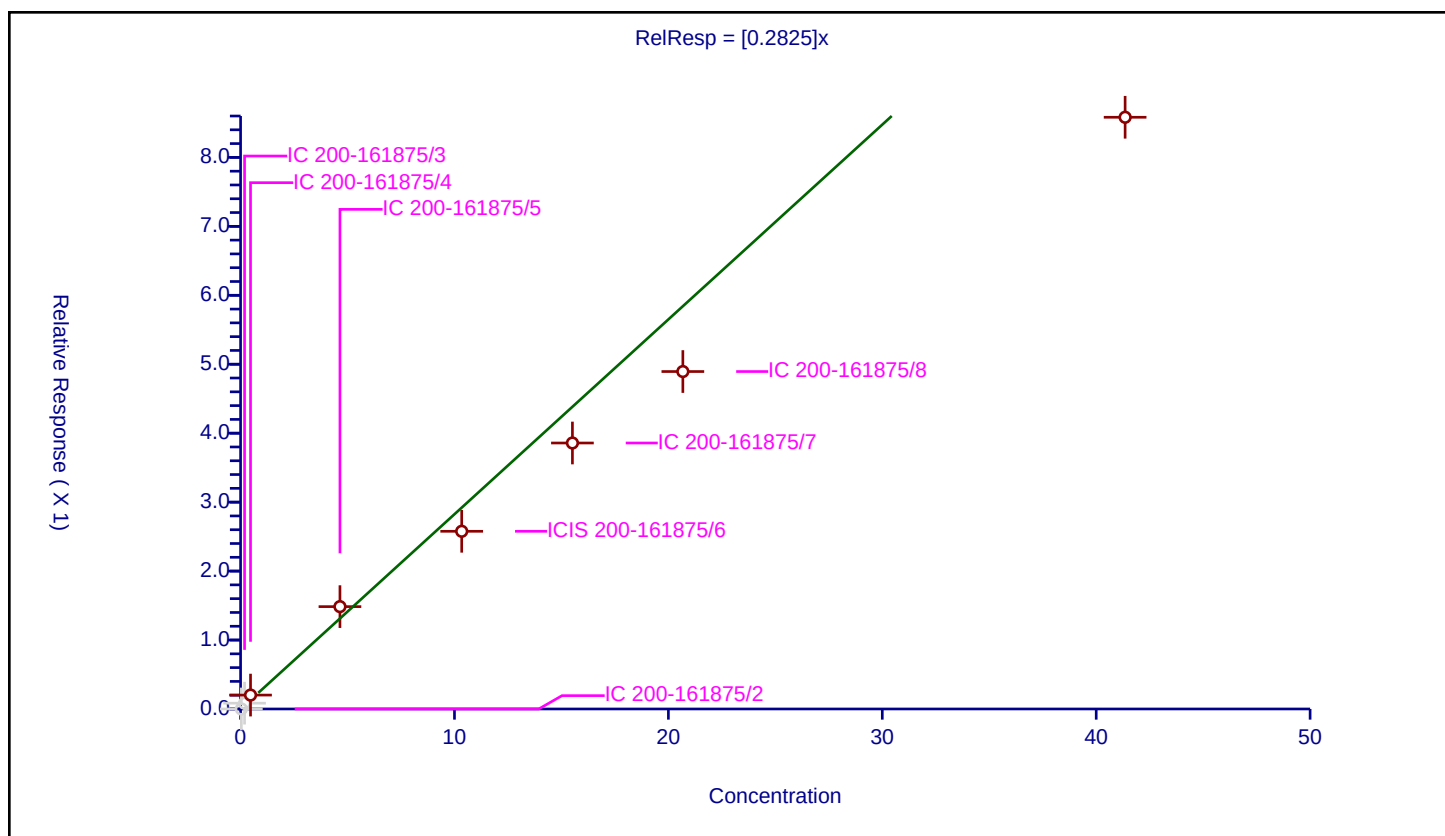
### Curve Coefficients

**Intercept:** 0  
**Slope:** 0.2825

### Error Coefficients

**Standard Error:** 63000  
**Relative Standard Error:** 29.2  
**Correlation Coefficient:** 0.991  
**Coefficient of Determination (Adjusted):** 0.876

| ID | Level             | Concentration | Rel. Resp. | IS Amount | IS Response | RRF      | Used |
|----|-------------------|---------------|------------|-----------|-------------|----------|------|
| 1  | IC 200-161875/2   | 0.03627       | 0.0        | 10.0      | 159215.0    | 0.0      | N    |
| 2  | IC 200-161875/3   | 0.186288      | 0.084119   | 10.0      | 149075.0    | 0.451551 | N    |
| 3  | IC 200-161875/4   | 0.465721      | 0.201853   | 10.0      | 129500.0    | 0.433421 | Y    |
| 4  | IC 200-161875/5   | 4.646079      | 1.484375   | 10.0      | 120832.0    | 0.31949  | Y    |
| 5  | ICIS 200-161875/6 | 10.337994     | 2.577169   | 10.0      | 131206.0    | 0.249291 | Y    |
| 6  | IC 200-161875/7   | 15.513678     | 3.857472   | 10.0      | 133546.0    | 0.24865  | Y    |
| 7  | IC 200-161875/8   | 20.675988     | 4.894062   | 10.0      | 124837.0    | 0.236703 | Y    |
| 8  | IC 200-161875/9   | 41.351976     | 8.581751   | 10.0      | 127460.0    | 0.207529 | 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

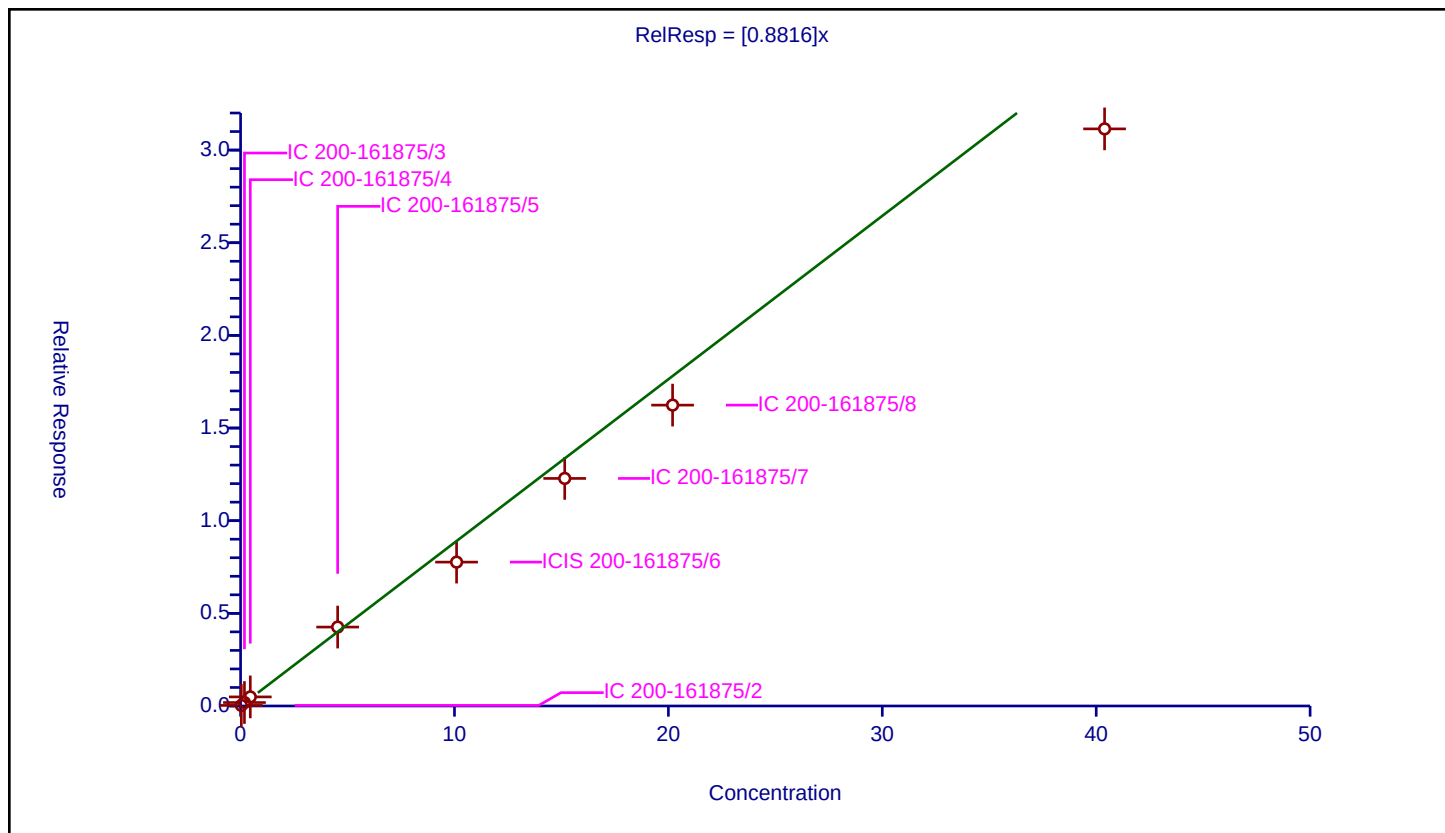
## Curve Coefficients

Intercept: 0  
Slope: 0.8816

## Error Coefficients

Standard Error: 185000  
Relative Standard Error: 13.5  
Correlation Coefficient: 0.999  
Coefficient of Determination (Adjusted): 0.980

| ID | Level             | Concentration | Rel. Resp. | IS Amount | IS Response | RRF      | Used |
|----|-------------------|---------------|------------|-----------|-------------|----------|------|
| 1  | IC 200-161875/2   | 0.035428      | 0.030336   | 10.0      | 159215.0    | 0.856288 | Y    |
| 2  | IC 200-161875/3   | 0.181965      | 0.186886   | 10.0      | 149075.0    | 1.027045 | Y    |
| 3  | IC 200-161875/4   | 0.454911      | 0.489807   | 10.0      | 129500.0    | 1.076708 | Y    |
| 4  | IC 200-161875/5   | 4.53824       | 4.258806   | 10.0      | 120832.0    | 0.938427 | Y    |
| 5  | ICIS 200-161875/6 | 10.09804      | 7.763898   | 10.0      | 131206.0    | 0.768852 | Y    |
| 6  | IC 200-161875/7   | 15.153592     | 12.280787  | 10.0      | 133546.0    | 0.810421 | Y    |
| 7  | IC 200-161875/8   | 20.196081     | 16.236933  | 10.0      | 124837.0    | 0.803965 | Y    |
| 8  | IC 200-161875/9   | 40.392162     | 31.143261  | 10.0      | 127460.0    | 0.771022 | Y    |



# Calibration

/ Ethyl acetate

Curve Type: Average  
Weighting: Conc\_Sq  
Origin: Force  
Dependency: Response  
Calib Mode: ISTD  
Response Base: AREA  
RF Rounding: 0

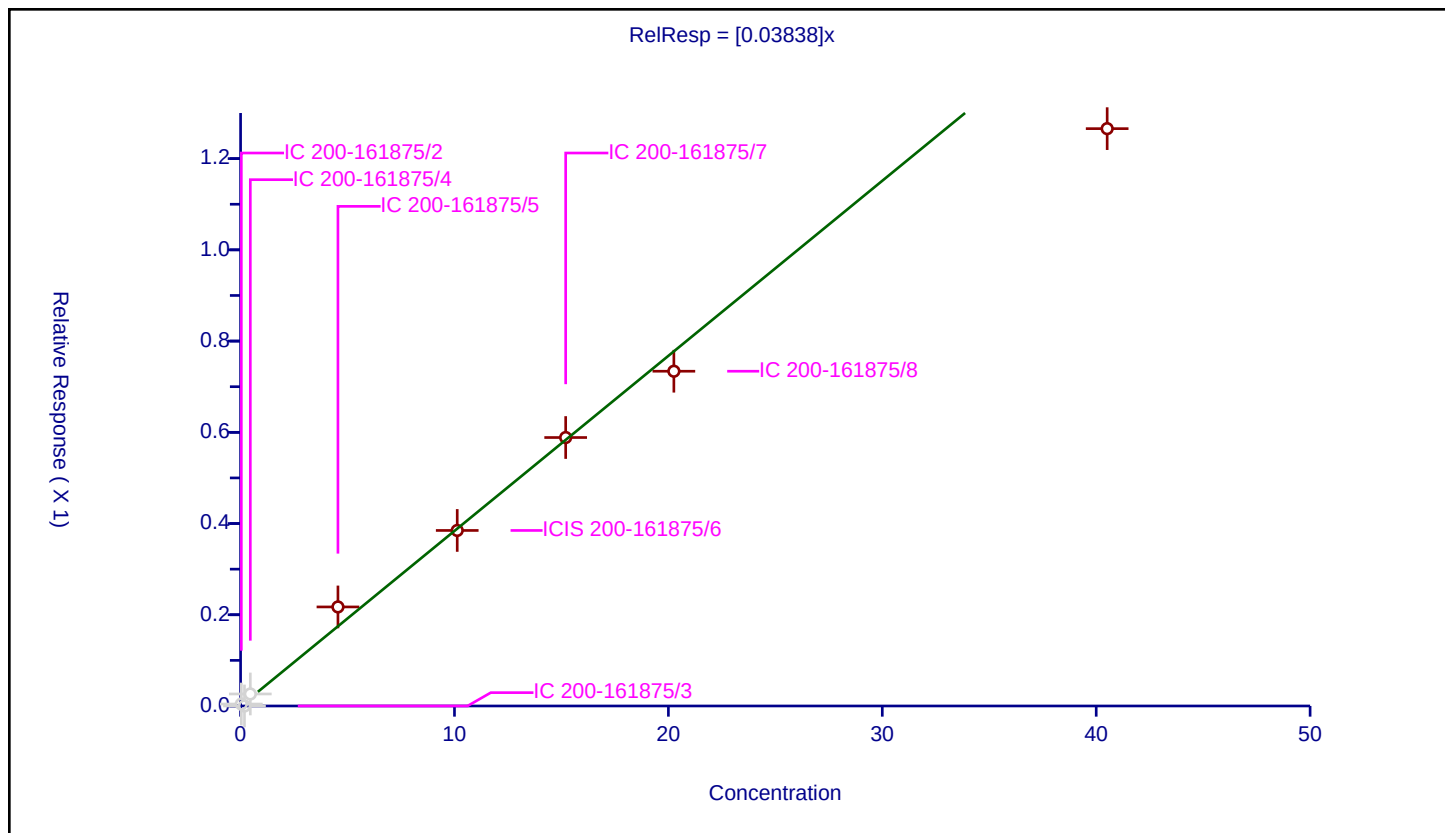
## Curve Coefficients

Intercept: 0  
Slope: 0.03838

## Error Coefficients

Standard Error: 10500  
Relative Standard Error: 15.6  
Correlation Coefficient: 0.990  
Coefficient of Determination (Adjusted): 0.920

| ID | Level             | Concentration | Rel. Resp. | IS Amount | IS Response | RRF      | Used |
|----|-------------------|---------------|------------|-----------|-------------|----------|------|
| 1  | IC 200-161875/2   | 0.035533      | 0.004271   | 10.0      | 159215.0    | 0.120197 | N    |
| 2  | IC 200-161875/3   | 0.182505      | 0.0        | 10.0      | 149075.0    | 0.0      | N    |
| 3  | IC 200-161875/4   | 0.456263      | 0.026332   | 10.0      | 129500.0    | 0.057712 | N    |
| 4  | IC 200-161875/5   | 4.55172       | 0.217161   | 10.0      | 120832.0    | 0.04771  | Y    |
| 5  | ICIS 200-161875/6 | 10.128035     | 0.384815   | 10.0      | 131206.0    | 0.037995 | Y    |
| 6  | IC 200-161875/7   | 15.198603     | 0.588561   | 10.0      | 133546.0    | 0.038725 | Y    |
| 7  | IC 200-161875/8   | 20.256069     | 0.733917   | 10.0      | 124837.0    | 0.036232 | Y    |
| 8  | IC 200-161875/9   | 40.512139     | 1.26573    | 10.0      | 127460.0    | 0.031243 | Y    |



## Calibration

/ Tetrahydrofuran

Curve Type: Average  
Weighting: Conc\_Sq  
Origin: Force  
Dependency: Response  
Calib Mode: ISTD  
Response Base: AREA  
RF Rounding: 0

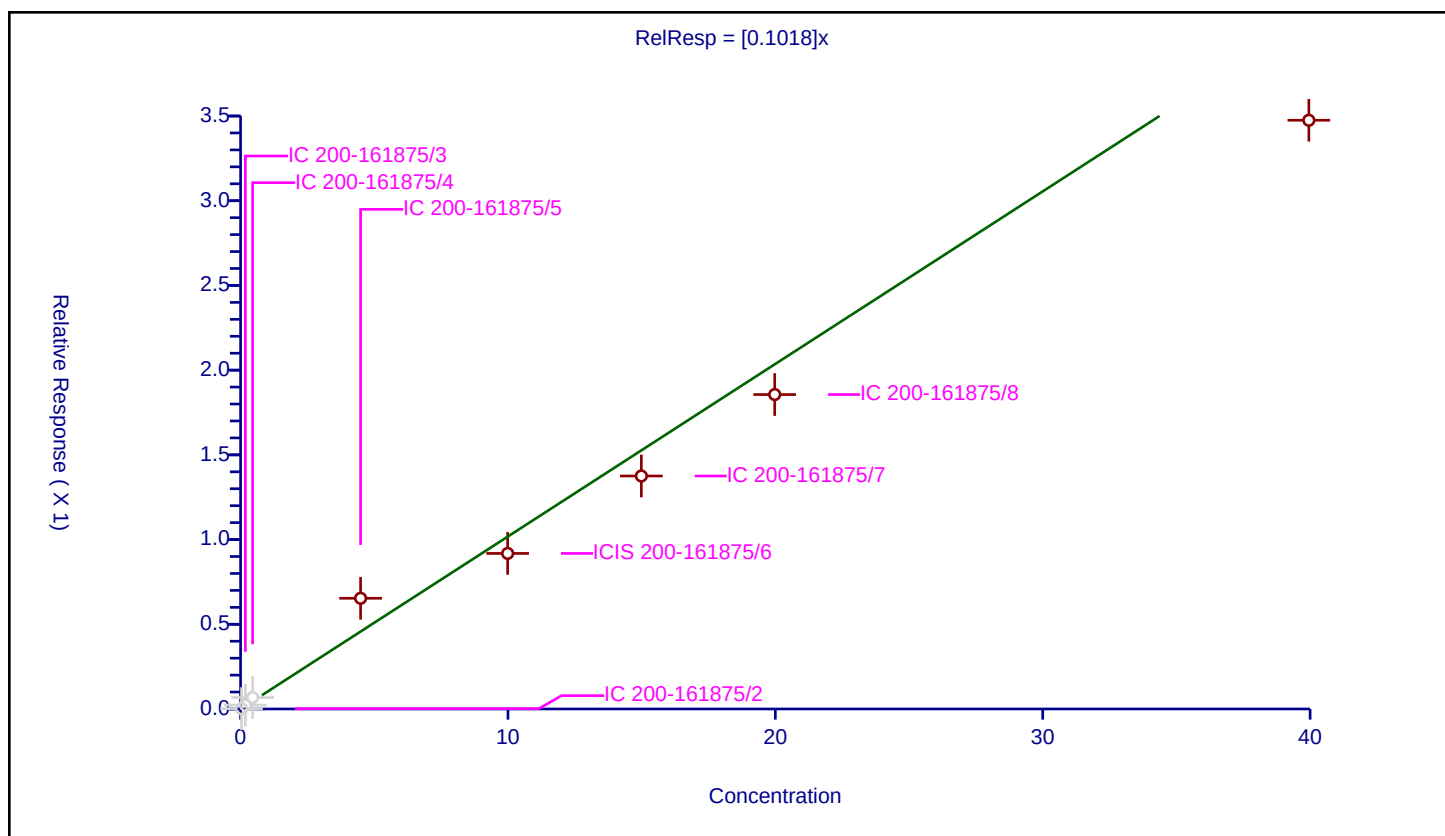
## Curve Coefficients

Intercept: 0  
Slope: 0.1018

## Error Coefficients

Standard Error: 164000  
Relative Standard Error: 24.1  
Correlation Coefficient: 0.996  
Coefficient of Determination (Adjusted): 0.757

| ID | Level             | Concentration | Rel. Resp. | IS Amount | IS Response | RRF      | Used |
|----|-------------------|---------------|------------|-----------|-------------|----------|------|
| 1  | IC 200-161875/2   | 0.035042      | 0.002113   | 10.0      | 917914.0    | 0.060313 | N    |
| 2  | IC 200-161875/3   | 0.179983      | 0.023031   | 10.0      | 820189.0    | 0.127964 | N    |
| 3  | IC 200-161875/4   | 0.449957      | 0.067563   | 10.0      | 719775.0    | 0.150154 | N    |
| 4  | IC 200-161875/5   | 4.488813      | 0.653518   | 10.0      | 618835.0    | 0.145588 | Y    |
| 5  | ICIS 200-161875/6 | 9.988062      | 0.918214   | 10.0      | 807502.0    | 0.091931 | Y    |
| 6  | IC 200-161875/7   | 14.988553     | 1.375347   | 10.0      | 820804.0    | 0.09176  | Y    |
| 7  | IC 200-161875/8   | 19.976124     | 1.856043   | 10.0      | 697500.0    | 0.092913 | Y    |
| 8  | IC 200-161875/9   | 39.952247     | 3.474949   | 10.0      | 769476.0    | 0.086978 | Y    |



# Calibration

/ Chloroform

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

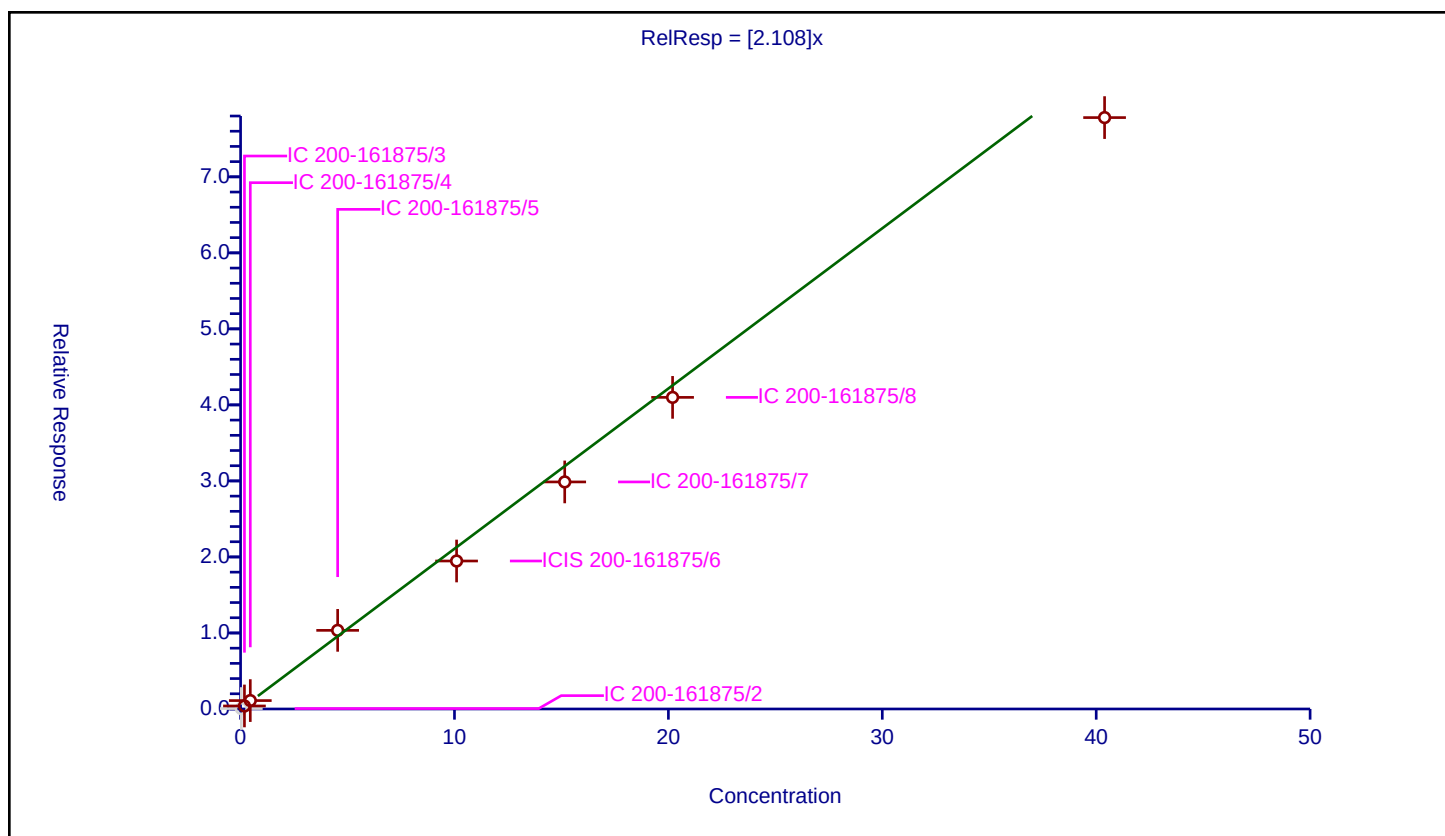
## Curve Coefficients

Intercept: 0  
 Slope: 2.108

## Error Coefficients

Standard Error: 497000  
 Relative Standard Error: 9.4  
 Correlation Coefficient: 0.999  
 Coefficient of Determination (Adjusted): 0.989

| ID | Level             | Concentration | Rel. Resp. | IS Amount | IS Response | RRF      | Used |
|----|-------------------|---------------|------------|-----------|-------------|----------|------|
| 1  | IC 200-161875/2   | 0.035428      | 0.0586     | 10.0      | 159215.0    | 1.654073 | N    |
| 2  | IC 200-161875/3   | 0.181965      | 0.397451   | 10.0      | 149075.0    | 2.184222 | Y    |
| 3  | IC 200-161875/4   | 0.454911      | 1.108031   | 10.0      | 129500.0    | 2.435707 | Y    |
| 4  | IC 200-161875/5   | 4.53824       | 10.342707  | 10.0      | 120832.0    | 2.279013 | Y    |
| 5  | ICIS 200-161875/6 | 10.09804      | 19.466183  | 10.0      | 131206.0    | 1.927719 | Y    |
| 6  | IC 200-161875/7   | 15.153592     | 29.86544   | 10.0      | 133546.0    | 1.970849 | Y    |
| 7  | IC 200-161875/8   | 20.196081     | 40.98897   | 10.0      | 124837.0    | 2.029551 | Y    |
| 8  | IC 200-161875/9   | 40.392162     | 77.791621  | 10.0      | 127460.0    | 1.925909 | 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

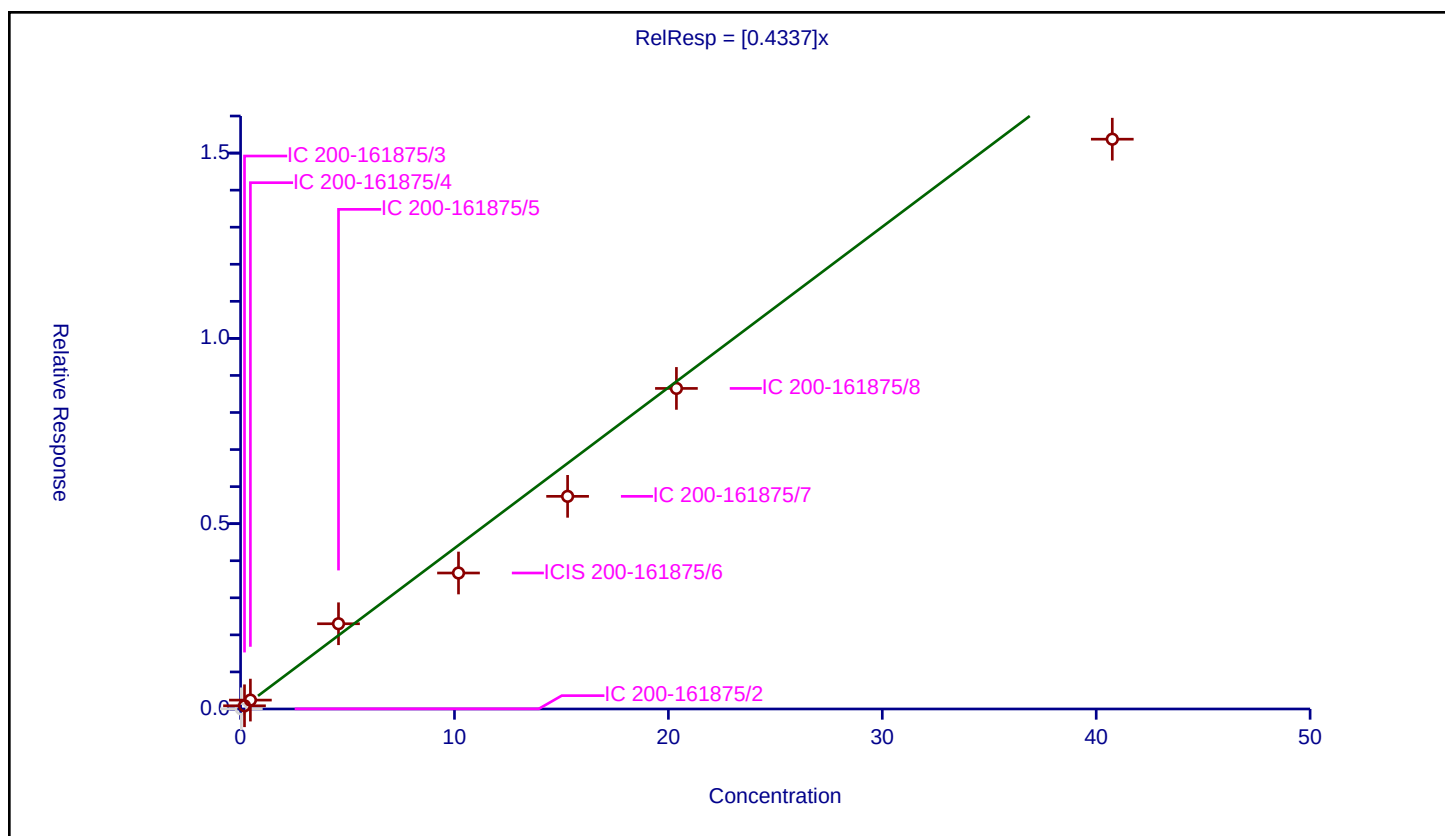
## Curve Coefficients

Intercept: 0  
 Slope: 0.4337

## Error Coefficients

Standard Error: 591000  
 Relative Standard Error: 15.3  
 Correlation Coefficient: 0.999  
 Coefficient of Determination (Adjusted): 0.971

| ID | Level             | Concentration | Rel. Resp. | IS Amount | IS Response | RRF      | Used |
|----|-------------------|---------------|------------|-----------|-------------|----------|------|
| 1  | IC 200-161875/2   | 0.035743      | 0.003998   | 10.0      | 917914.0    | 0.111858 | N    |
| 2  | IC 200-161875/3   | 0.183586      | 0.086992   | 10.0      | 820189.0    | 0.473849 | Y    |
| 3  | IC 200-161875/4   | 0.458965      | 0.239728   | 10.0      | 719775.0    | 0.522322 | Y    |
| 4  | IC 200-161875/5   | 4.578679      | 2.300145   | 10.0      | 618835.0    | 0.50236  | Y    |
| 5  | ICIS 200-161875/6 | 10.188023     | 3.668957   | 10.0      | 807502.0    | 0.360125 | Y    |
| 6  | IC 200-161875/7   | 15.288624     | 5.737984   | 10.0      | 820804.0    | 0.375311 | Y    |
| 7  | IC 200-161875/8   | 20.376046     | 8.649978   | 10.0      | 697500.0    | 0.424517 | Y    |
| 8  | IC 200-161875/9   | 40.752092     | 15.374554  | 10.0      | 769476.0    | 0.37727  | Y    |



# Calibration

/ Cyclohexane

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

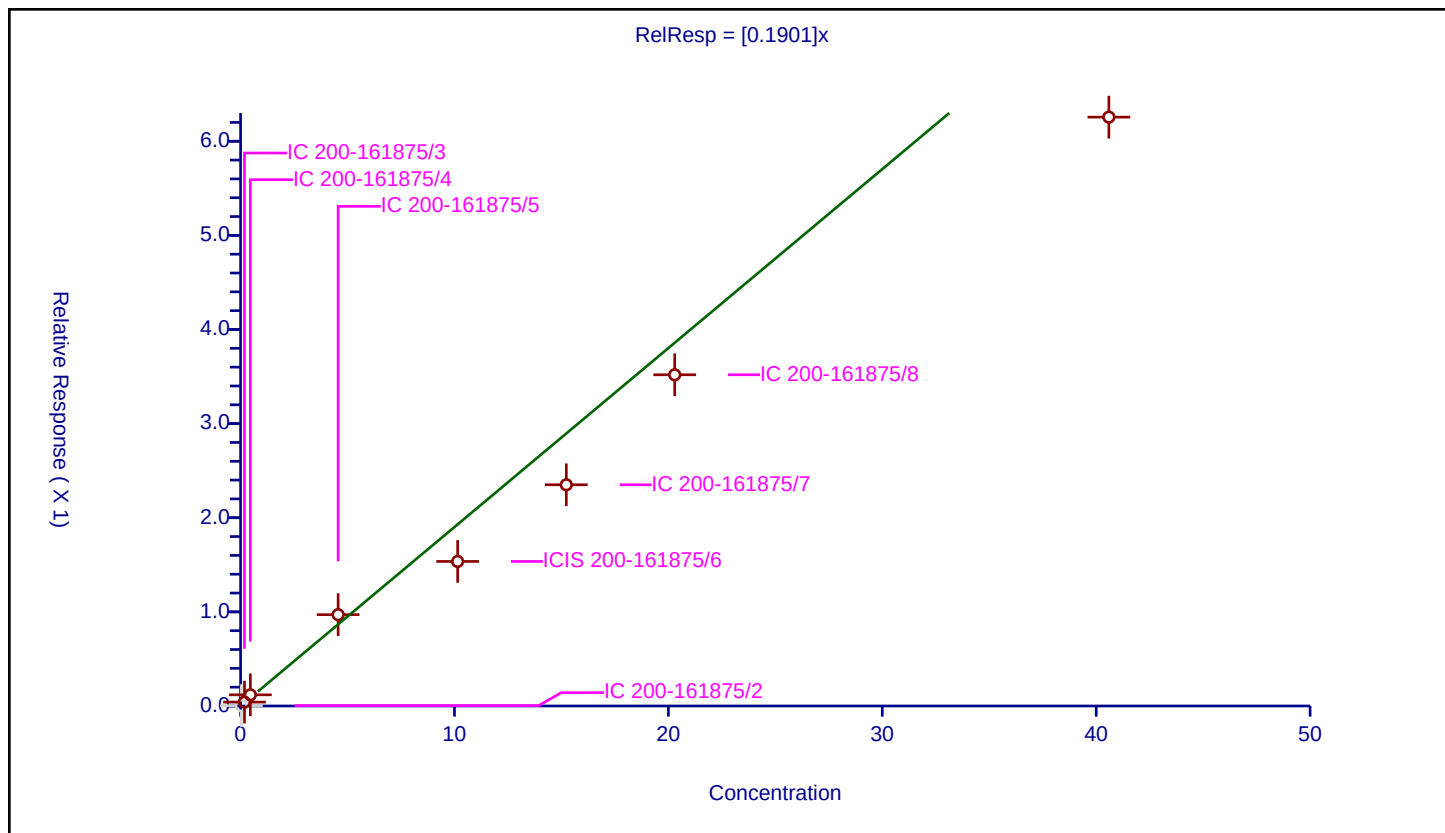
## Curve Coefficients

Intercept: 0  
 Slope: 0.1901

## Error Coefficients

Standard Error: 241000  
 Relative Standard Error: 22.5  
 Correlation Coefficient: 0.999  
 Coefficient of Determination (Adjusted): 0.932

| ID | Level             | Concentration | Rel. Resp. | IS Amount | IS Response | RRF      | Used |
|----|-------------------|---------------|------------|-----------|-------------|----------|------|
| 1  | IC 200-161875/2   | 0.035603      | 0.00402    | 10.0      | 917914.0    | 0.112911 | N    |
| 2  | IC 200-161875/3   | 0.182865      | 0.041271   | 10.0      | 820189.0    | 0.22569  | Y    |
| 3  | IC 200-161875/4   | 0.457163      | 0.118593   | 10.0      | 719775.0    | 0.25941  | Y    |
| 4  | IC 200-161875/5   | 4.560706      | 0.970081   | 10.0      | 618835.0    | 0.212704 | Y    |
| 5  | ICIS 200-161875/6 | 10.148031     | 1.535588   | 10.0      | 807502.0    | 0.151319 | Y    |
| 6  | IC 200-161875/7   | 15.22861      | 2.350159   | 10.0      | 820804.0    | 0.154325 | Y    |
| 7  | IC 200-161875/8   | 20.296062     | 3.518824   | 10.0      | 697500.0    | 0.173375 | Y    |
| 8  | IC 200-161875/9   | 40.592123     | 6.256387   | 10.0      | 769476.0    | 0.154128 | Y    |



## Calibration

/ Carbon tetrachloride

Curve Type: Average  
Weighting: Conc\_Sq  
Origin: Force  
Dependency: Response  
Calib Mode: ISTD  
Response Base: AREA  
RF Rounding: 0

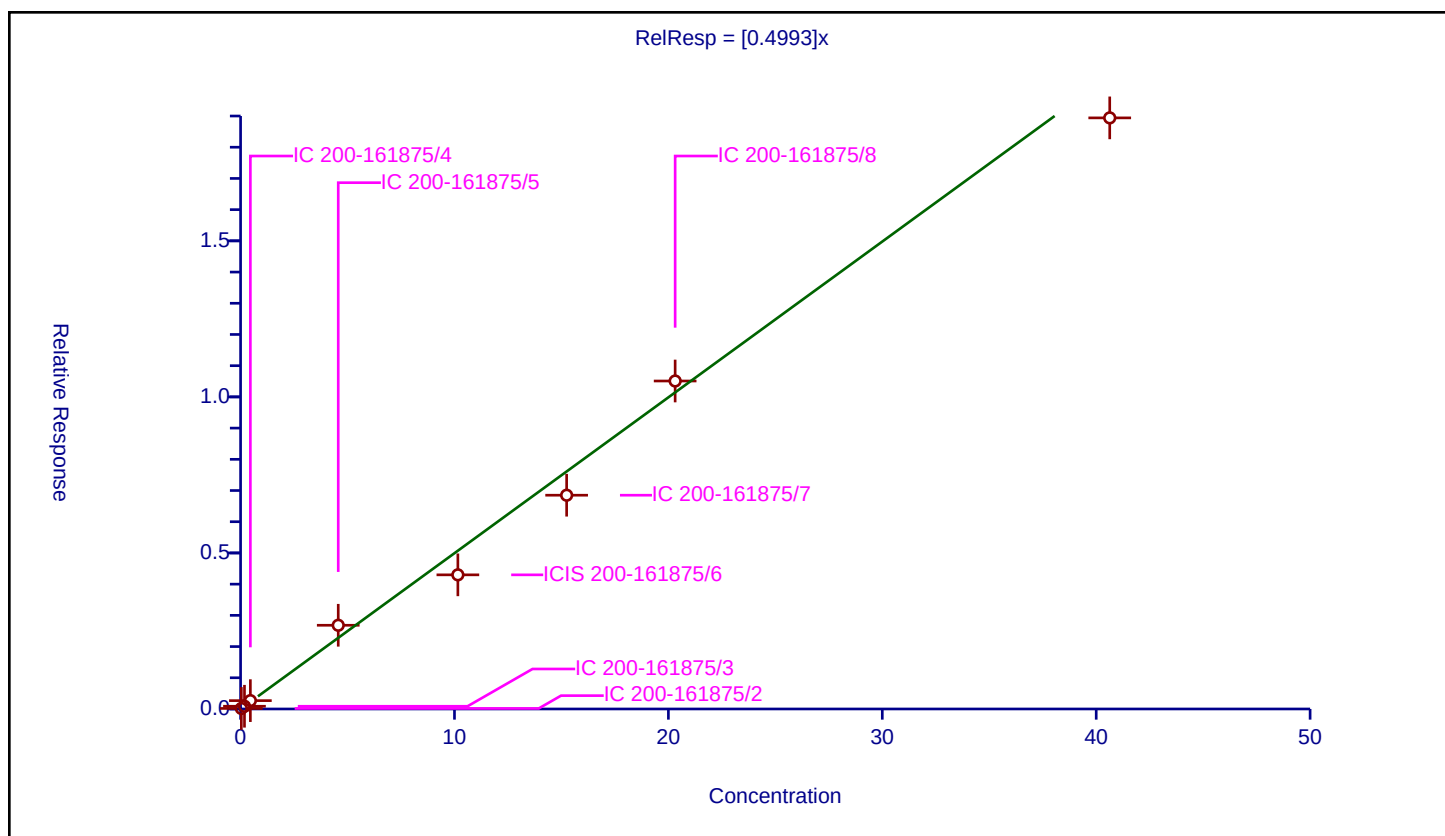
## Curve Coefficients

Intercept: 0  
Slope: 0.4993

## Error Coefficients

Standard Error: 668000  
Relative Standard Error: 12.1  
Correlation Coefficient: 1.000  
Coefficient of Determination (Adjusted): 0.984

| ID | Level             | Concentration | Rel. Resp. | IS Amount | IS Response | RRF      | Used |
|----|-------------------|---------------|------------|-----------|-------------|----------|------|
| 1  | IC 200-161875/2   | 0.035638      | 0.017289   | 10.0      | 917914.0    | 0.485132 | Y    |
| 2  | IC 200-161875/3   | 0.183046      | 0.087736   | 10.0      | 820189.0    | 0.479312 | Y    |
| 3  | IC 200-161875/4   | 0.457614      | 0.268209   | 10.0      | 719775.0    | 0.586103 | Y    |
| 4  | IC 200-161875/5   | 4.5652        | 2.682153   | 10.0      | 618835.0    | 0.587521 | Y    |
| 5  | ICIS 200-161875/6 | 10.158029     | 4.298714   | 10.0      | 807502.0    | 0.423184 | Y    |
| 6  | IC 200-161875/7   | 15.243614     | 6.849577   | 10.0      | 820804.0    | 0.449341 | Y    |
| 7  | IC 200-161875/8   | 20.316058     | 10.509118  | 10.0      | 697500.0    | 0.517281 | Y    |
| 8  | IC 200-161875/9   | 40.632115     | 18.939772  | 10.0      | 769476.0    | 0.466128 | Y    |



## Calibration

/ Benzene

Curve Type: Average  
Weighting: Conc\_Sq  
Origin: Force  
Dependency: Response  
Calib Mode: ISTD  
Response Base: AREA  
RF Rounding: 0

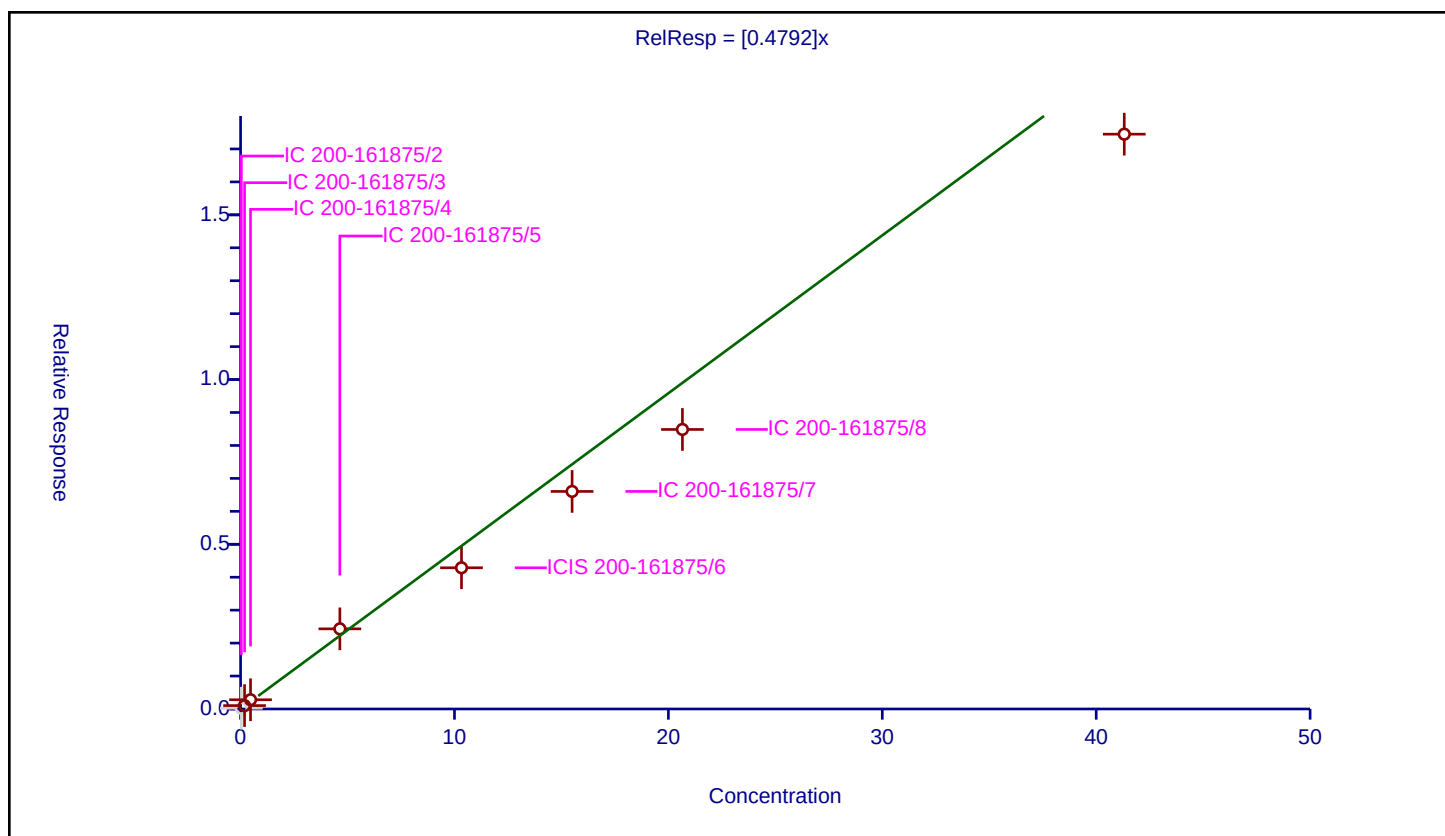
## Curve Coefficients

Intercept: 0  
Slope: 0.4792

## Error Coefficients

Standard Error: 657000  
Relative Standard Error: 16.5  
Correlation Coefficient: 0.994  
Coefficient of Determination (Adjusted): 0.964

| ID | Level             | Concentration | Rel. Resp. | IS Amount | IS Response | RRF      | Used |
|----|-------------------|---------------|------------|-----------|-------------|----------|------|
| 1  | IC 200-161875/2   | 0.036234      | 0.023619   | 10.0      | 917914.0    | 0.651831 | N    |
| 2  | IC 200-161875/3   | 0.186108      | 0.102988   | 10.0      | 820189.0    | 0.553379 | Y    |
| 3  | IC 200-161875/4   | 0.465271      | 0.280435   | 10.0      | 719775.0    | 0.602735 | Y    |
| 4  | IC 200-161875/5   | 4.641586      | 2.432555   | 10.0      | 618835.0    | 0.524078 | Y    |
| 5  | ICIS 200-161875/6 | 10.327996     | 4.286578   | 10.0      | 807502.0    | 0.415044 | Y    |
| 6  | IC 200-161875/7   | 15.498674     | 6.604208   | 10.0      | 820804.0    | 0.426114 | Y    |
| 7  | IC 200-161875/8   | 20.655992     | 8.485763   | 10.0      | 697500.0    | 0.410814 | Y    |
| 8  | IC 200-161875/9   | 41.311983     | 17.449043  | 10.0      | 769476.0    | 0.422372 | Y    |



# Calibration

/ 1,2-Dichloroethane

Curve Type: Average  
Weighting: Conc\_Sq  
Origin: Force  
Dependency: Response  
Calib Mode: ISTD  
Response Base: AREA  
RF Rounding: 0

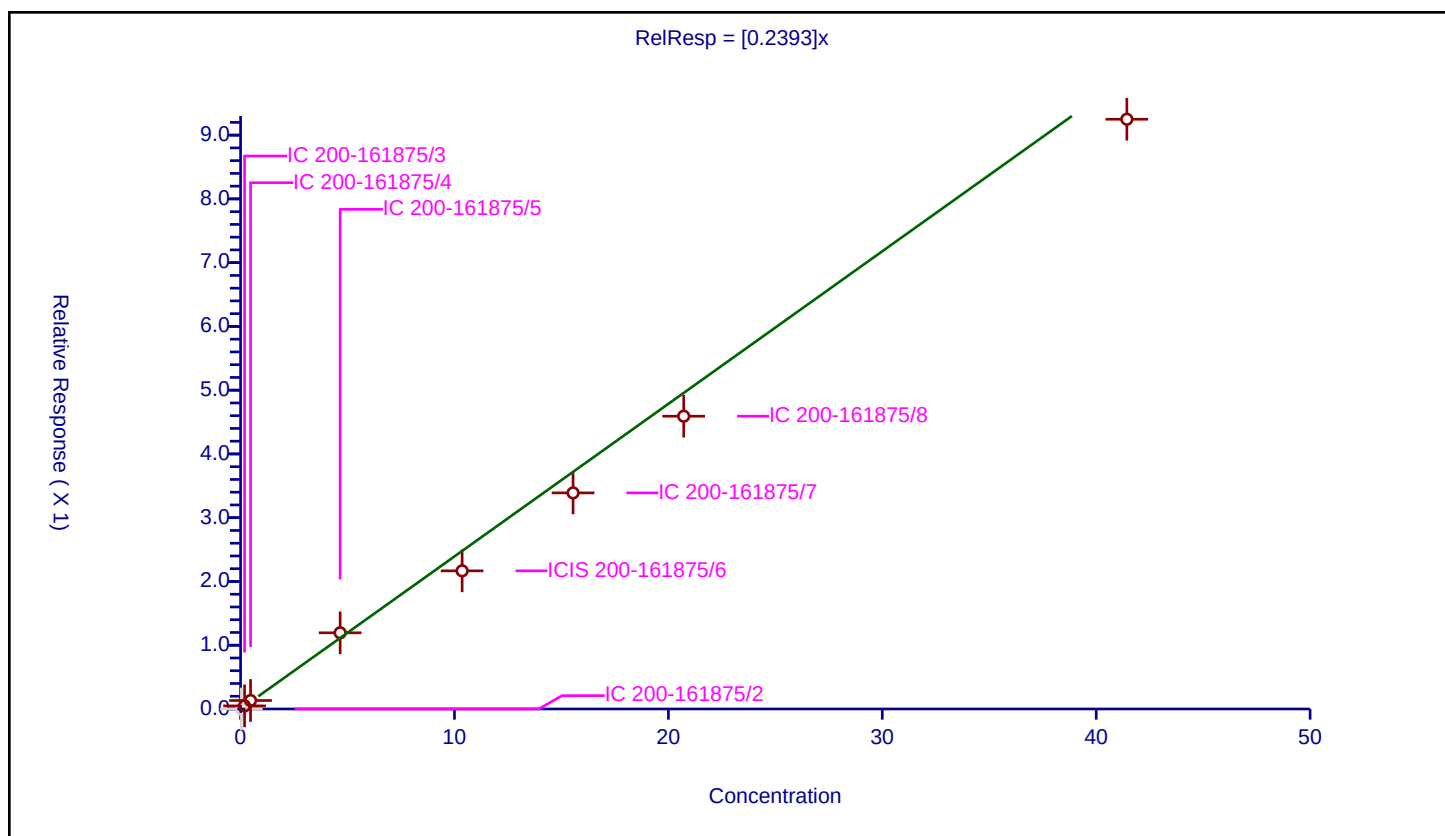
## Curve Coefficients

Intercept: 0  
Slope: 0.2393

## Error Coefficients

Standard Error: 347000  
Relative Standard Error: 11.8  
Correlation Coefficient: 0.997  
Coefficient of Determination (Adjusted): 0.982

| ID | Level             | Concentration | Rel. Resp. | IS Amount | IS Response | RRF      | Used |
|----|-------------------|---------------|------------|-----------|-------------|----------|------|
| 1  | IC 200-161875/2   | 0.03634       | 0.0        | 10.0      | 917914.0    | 0.0      | N    |
| 2  | IC 200-161875/3   | 0.186649      | 0.04872    | 10.0      | 820189.0    | 0.261028 | Y    |
| 3  | IC 200-161875/4   | 0.466622      | 0.133083   | 10.0      | 719775.0    | 0.285206 | Y    |
| 4  | IC 200-161875/5   | 4.655066      | 1.194535   | 10.0      | 618835.0    | 0.25661  | Y    |
| 5  | ICIS 200-161875/6 | 10.35799      | 2.166744   | 10.0      | 807502.0    | 0.209186 | Y    |
| 6  | IC 200-161875/7   | 15.543685     | 3.388958   | 10.0      | 820804.0    | 0.218028 | Y    |
| 7  | IC 200-161875/8   | 20.71598      | 4.592158   | 10.0      | 697500.0    | 0.221672 | Y    |
| 8  | IC 200-161875/9   | 41.43196      | 9.249502   | 10.0      | 769476.0    | 0.223246 | Y    |



## Calibration

/ Isooctane

Curve Type: Average  
Weighting: Conc\_Sq  
Origin: Force  
Dependency: Response  
Calib Mode: ISTD  
Response Base: AREA  
RF Rounding: 0

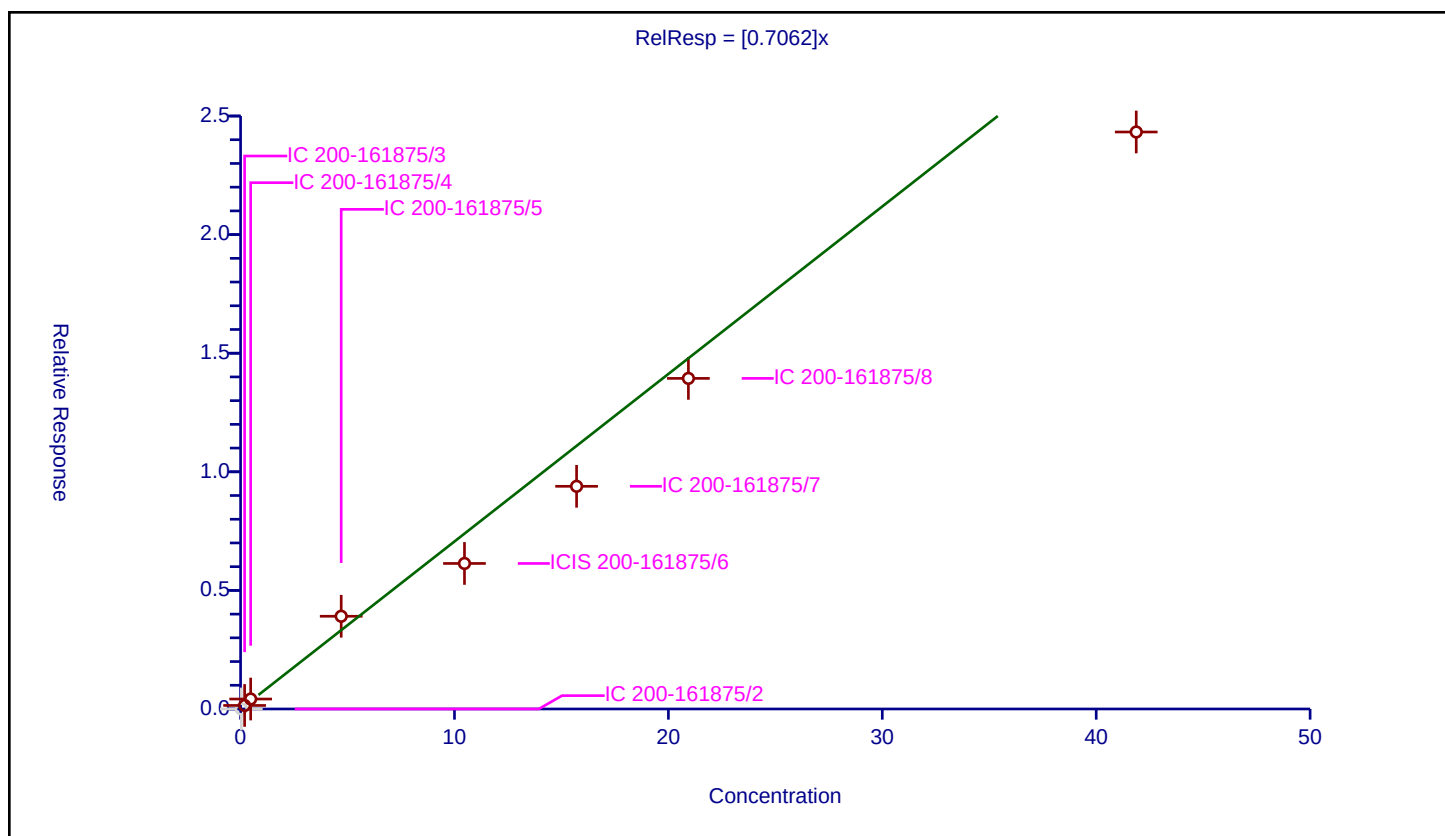
## Curve Coefficients

Intercept: 0  
Slope: 0.7062

## Error Coefficients

Standard Error: 944000  
Relative Standard Error: 18.3  
Correlation Coefficient: 0.999  
Coefficient of Determination (Adjusted): 0.957

| ID | Level             | Concentration | Rel. Resp. | IS Amount | IS Response | RRF      | Used |
|----|-------------------|---------------|------------|-----------|-------------|----------|------|
| 1  | IC 200-161875/2   | 0.036726      | 0.0        | 10.0      | 917914.0    | 0.0      | N    |
| 2  | IC 200-161875/3   | 0.188631      | 0.149356   | 10.0      | 820189.0    | 0.79179  | Y    |
| 3  | IC 200-161875/4   | 0.471576      | 0.419867   | 10.0      | 719775.0    | 0.890348 | Y    |
| 4  | IC 200-161875/5   | 4.704492      | 3.909184   | 10.0      | 618835.0    | 0.830947 | Y    |
| 5  | ICIS 200-161875/6 | 10.467969     | 6.135279   | 10.0      | 807502.0    | 0.5861   | Y    |
| 6  | IC 200-161875/7   | 15.708724     | 9.38877    | 10.0      | 820804.0    | 0.597679 | Y    |
| 7  | IC 200-161875/8   | 20.935937     | 13.938194  | 10.0      | 697500.0    | 0.665754 | Y    |
| 8  | IC 200-161875/9   | 41.871875     | 24.326152  | 10.0      | 769476.0    | 0.580966 | Y    |



# Calibration

/ n-Heptane

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

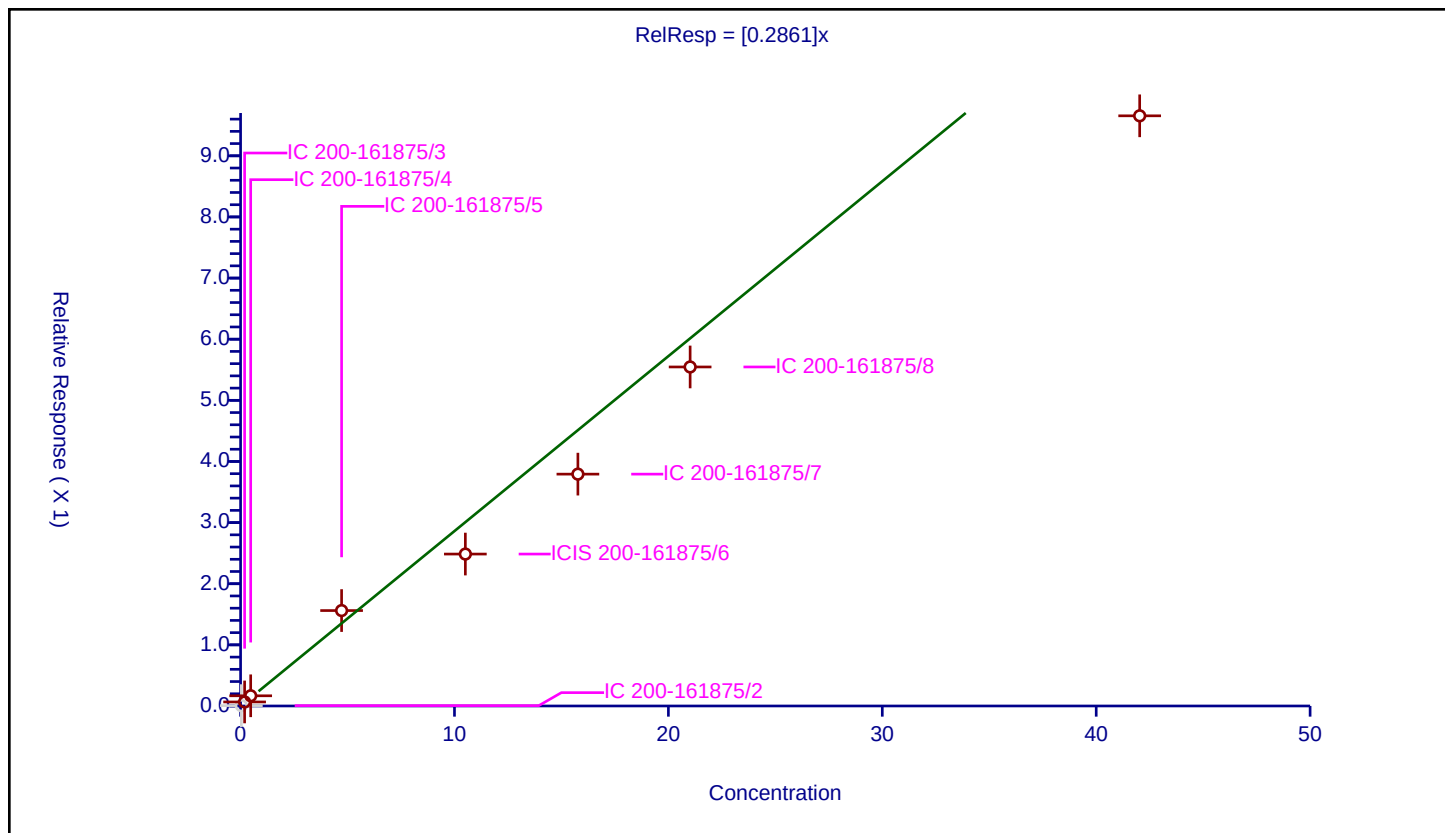
## Curve Coefficients

Intercept: 0  
 Slope: 0.2861

## Error Coefficients

Standard Error: 376000  
 Relative Standard Error: 19.5  
 Correlation Coefficient: 0.998  
 Coefficient of Determination (Adjusted): 0.949

| ID | Level             | Concentration | Rel. Resp. | IS Amount | IS Response | RRF      | Used |
|----|-------------------|---------------|------------|-----------|-------------|----------|------|
| 1  | IC 200-161875/2   | 0.036866      | 0.005937   | 10.0      | 917914.0    | 0.161053 | N    |
| 2  | IC 200-161875/3   | 0.189351      | 0.066107   | 10.0      | 820189.0    | 0.349122 | Y    |
| 3  | IC 200-161875/4   | 0.473378      | 0.166941   | 10.0      | 719775.0    | 0.352659 | Y    |
| 4  | IC 200-161875/5   | 4.722465      | 1.560982   | 10.0      | 618835.0    | 0.330544 | Y    |
| 5  | ICIS 200-161875/6 | 10.507961     | 2.485257   | 10.0      | 807502.0    | 0.236512 | Y    |
| 6  | IC 200-161875/7   | 15.768738     | 3.792818   | 10.0      | 820804.0    | 0.240528 | Y    |
| 7  | IC 200-161875/8   | 21.015922     | 5.545921   | 10.0      | 697500.0    | 0.263891 | Y    |
| 8  | IC 200-161875/9   | 42.031844     | 9.654388   | 10.0      | 769476.0    | 0.229692 | Y    |



## Calibration

/ n-Butanol

Curve Type: Average  
Weighting: Conc\_Sq  
Origin: Force  
Dependency: Response  
Calib Mode: ISTD  
Response Base: AREA  
RF Rounding: 0

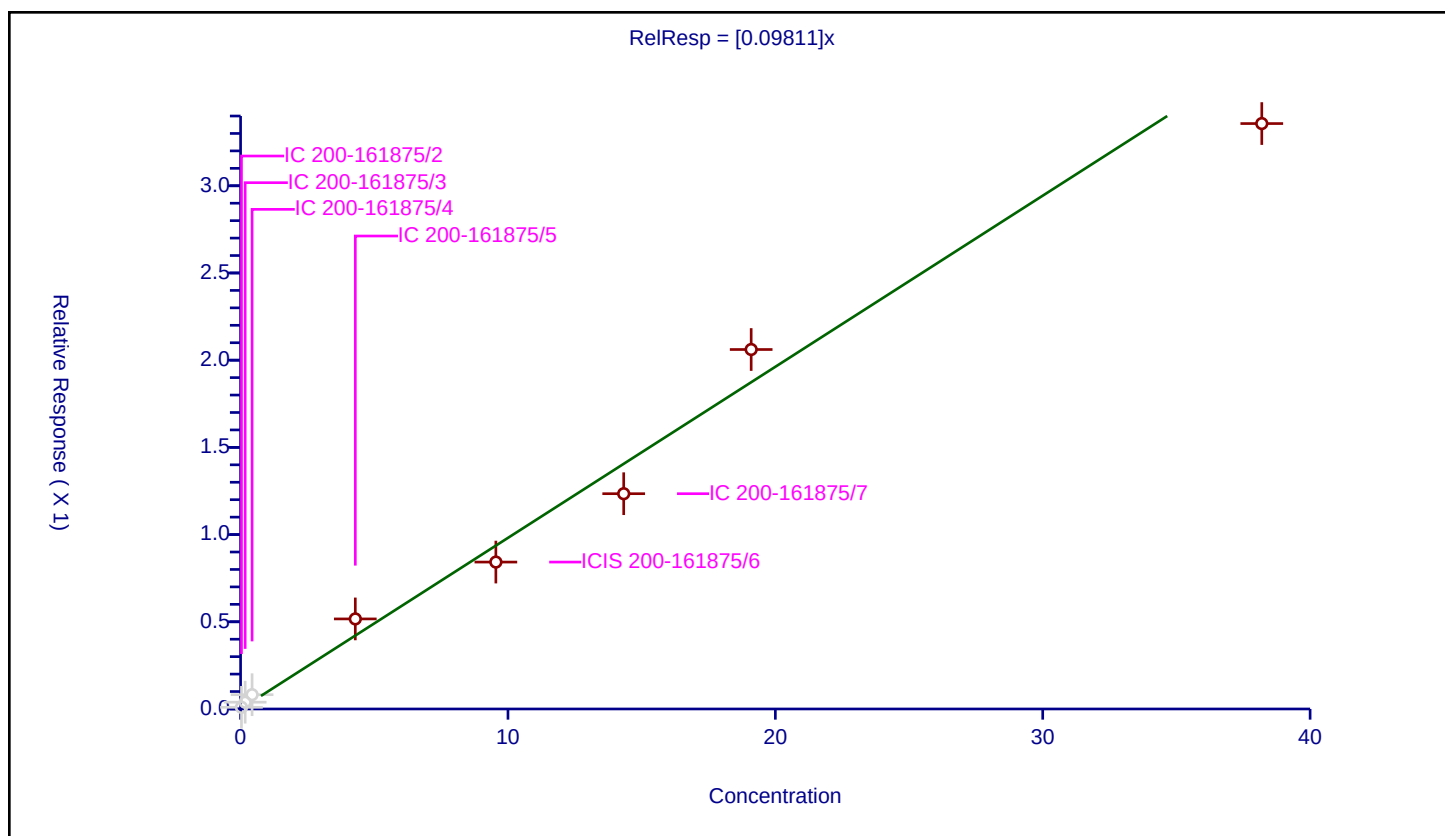
## Curve Coefficients

Intercept: 0  
Slope: 0.09811

## Error Coefficients

Standard Error: 161000  
Relative Standard Error: 15.6  
Correlation Coefficient: 0.996  
Coefficient of Determination (Adjusted): 0.930

| ID | Level             | Concentration | Rel. Resp. | IS Amount | IS Response | RRF      | Used |
|----|-------------------|---------------|------------|-----------|-------------|----------|------|
| 1  | IC 200-161875/2   | 0.033498      | 0.009598   | 10.0      | 917914.0    | 0.286516 | N    |
| 2  | IC 200-161875/3   | 0.172056      | 0.038857   | 10.0      | 820189.0    | 0.225839 | N    |
| 3  | IC 200-161875/4   | 0.430139      | 0.081984   | 10.0      | 719775.0    | 0.190599 | N    |
| 4  | IC 200-161875/5   | 4.291108      | 0.516374   | 10.0      | 618835.0    | 0.120336 | Y    |
| 5  | ICIS 200-161875/6 | 9.548147      | 0.842388   | 10.0      | 807502.0    | 0.088225 | Y    |
| 6  | IC 200-161875/7   | 14.328397     | 1.234375   | 10.0      | 820804.0    | 0.086149 | Y    |
| 7  | IC 200-161875/8   | 19.096294     | 2.061147   | 10.0      | 697500.0    | 0.107934 | Y    |
| 8  | IC 200-161875/9   | 38.192589     | 3.356674   | 10.0      | 769476.0    | 0.087888 | Y    |





## Calibration

/ Trichloroethene

Curve Type: Average  
Weighting: Conc\_Sq  
Origin: Force  
Dependency: Response  
Calib Mode: ISTD  
Response Base: AREA  
RF Rounding: 0

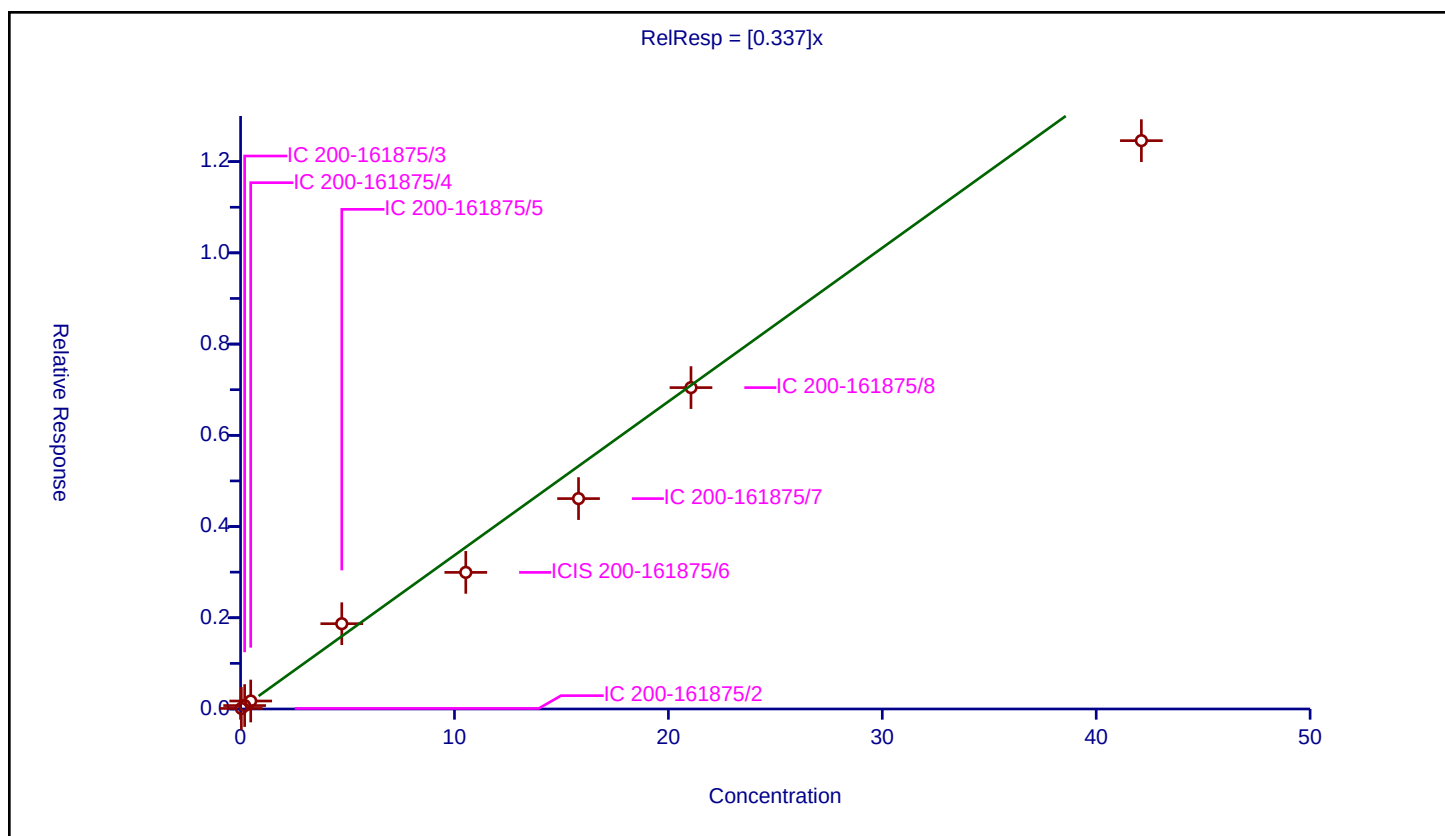
## Curve Coefficients

Intercept: 0  
Slope: 0.337

## Error Coefficients

Standard Error: 443000  
Relative Standard Error: 13.4  
Correlation Coefficient: 1.000  
Coefficient of Determination (Adjusted): 0.981

| ID | Level             | Concentration | Rel. Resp. | IS Amount | IS Response | RRF      | Used |
|----|-------------------|---------------|------------|-----------|-------------|----------|------|
| 1  | IC 200-161875/2   | 0.036936      | 0.012169   | 10.0      | 917914.0    | 0.329459 | Y    |
| 2  | IC 200-161875/3   | 0.189712      | 0.074971   | 10.0      | 820189.0    | 0.395182 | Y    |
| 3  | IC 200-161875/4   | 0.474279      | 0.175124   | 10.0      | 719775.0    | 0.369243 | Y    |
| 4  | IC 200-161875/5   | 4.731452      | 1.869804   | 10.0      | 618835.0    | 0.395186 | Y    |
| 5  | ICIS 200-161875/6 | 10.527957     | 2.994618   | 10.0      | 807502.0    | 0.284444 | Y    |
| 6  | IC 200-161875/7   | 15.798745     | 4.612526   | 10.0      | 820804.0    | 0.291955 | Y    |
| 7  | IC 200-161875/8   | 21.055914     | 7.045692   | 10.0      | 697500.0    | 0.334618 | Y    |
| 8  | IC 200-161875/9   | 42.111828     | 12.459869  | 10.0      | 769476.0    | 0.295876 | Y    |



# Calibration

/ 1,2-Dichloropropane

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

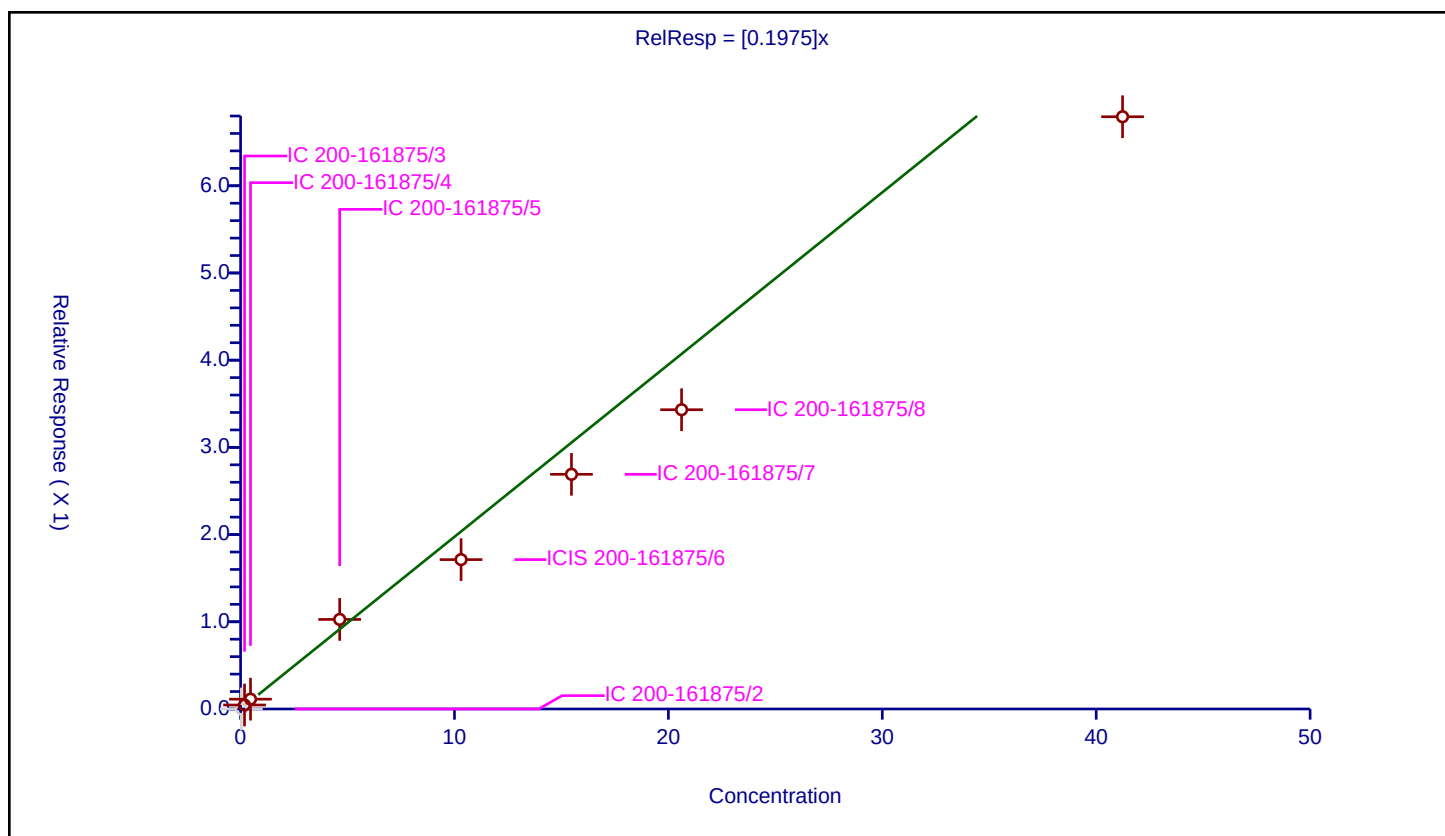
## Curve Coefficients

Intercept: 0  
 Slope: 0.1975

## Error Coefficients

Standard Error: 259000  
 Relative Standard Error: 19.2  
 Correlation Coefficient: 0.994  
 Coefficient of Determination (Adjusted): 0.949

| ID | Level             | Concentration | Rel. Resp. | IS Amount | IS Response | RRF      | Used |
|----|-------------------|---------------|------------|-----------|-------------|----------|------|
| 1  | IC 200-161875/2   | 0.036164      | 0.0        | 10.0      | 917914.0    | 0.0      | N    |
| 2  | IC 200-161875/3   | 0.185748      | 0.045794   | 10.0      | 820189.0    | 0.24654  | Y    |
| 3  | IC 200-161875/4   | 0.46437       | 0.112744   | 10.0      | 719775.0    | 0.242788 | Y    |
| 4  | IC 200-161875/5   | 4.632599      | 1.026994   | 10.0      | 618835.0    | 0.221689 | Y    |
| 5  | ICIS 200-161875/6 | 10.308        | 1.712986   | 10.0      | 807502.0    | 0.16618  | Y    |
| 6  | IC 200-161875/7   | 15.468667     | 2.691337   | 10.0      | 820804.0    | 0.173986 | Y    |
| 7  | IC 200-161875/8   | 20.615999     | 3.431943   | 10.0      | 697500.0    | 0.16647  | Y    |
| 8  | IC 200-161875/9   | 41.231999     | 6.791739   | 10.0      | 769476.0    | 0.16472  | Y    |



# Calibration

/ Methyl methacrylate

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

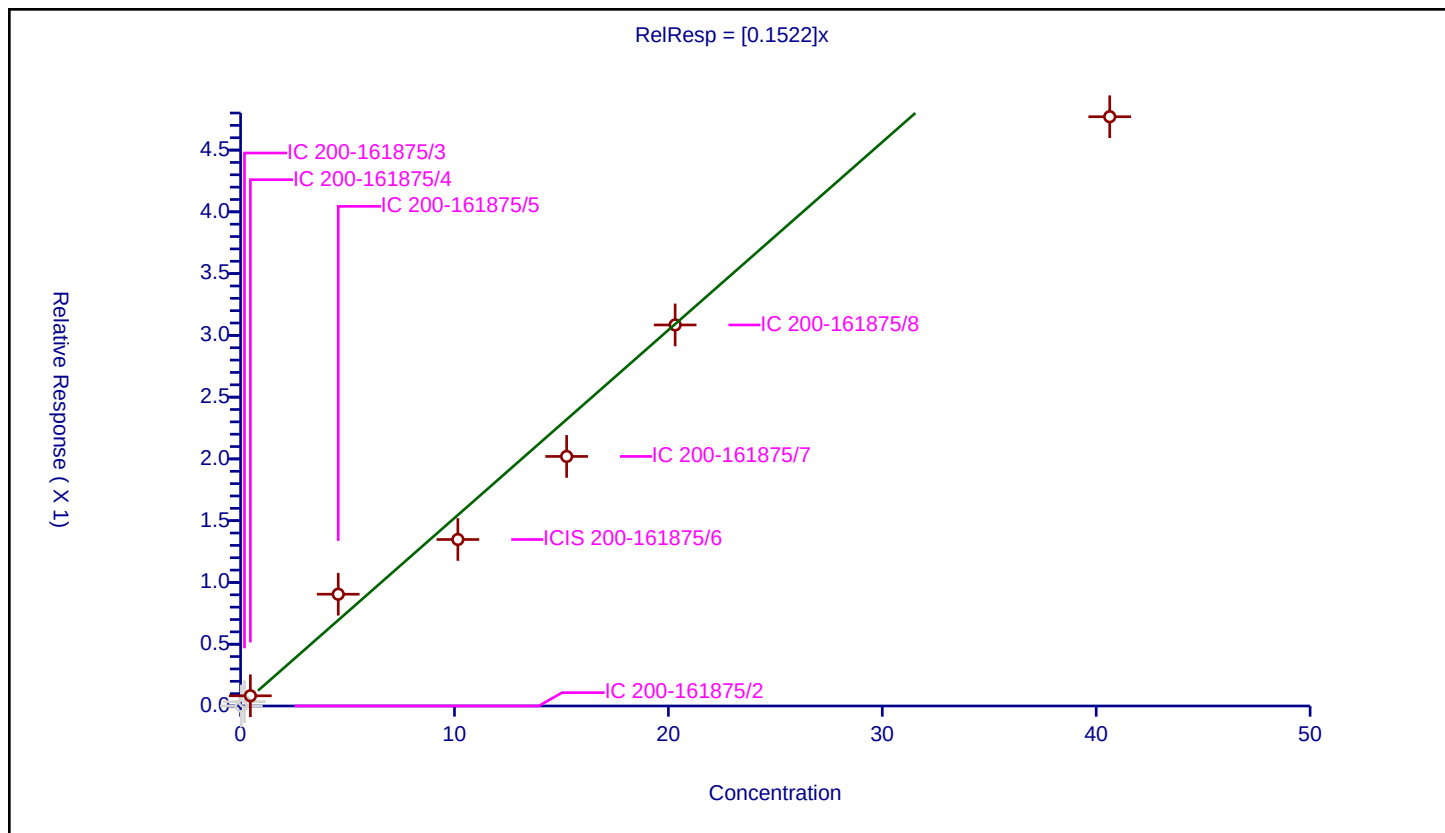
## Curve Coefficients

Intercept: 0  
 Slope: 0.1522

## Error Coefficients

Standard Error: 211000  
 Relative Standard Error: 20.5  
 Correlation Coefficient: 0.990  
 Coefficient of Determination (Adjusted): 0.950

| ID | Level             | Concentration | Rel. Resp. | IS Amount | IS Response | RRF      | Used |
|----|-------------------|---------------|------------|-----------|-------------|----------|------|
| 1  | IC 200-161875/2   | 0.035638      | 0.0        | 10.0      | 917914.0    | 0.0      | N    |
| 2  | IC 200-161875/3   | 0.183046      | 0.035297   | 10.0      | 820189.0    | 0.19283  | N    |
| 3  | IC 200-161875/4   | 0.457614      | 0.08254    | 10.0      | 719775.0    | 0.18037  | Y    |
| 4  | IC 200-161875/5   | 4.5652        | 0.904765   | 10.0      | 618835.0    | 0.198187 | Y    |
| 5  | ICIS 200-161875/6 | 10.158029     | 1.347811   | 10.0      | 807502.0    | 0.132684 | Y    |
| 6  | IC 200-161875/7   | 15.243614     | 2.020105   | 10.0      | 820804.0    | 0.132521 | Y    |
| 7  | IC 200-161875/8   | 20.316058     | 3.084502   | 10.0      | 697500.0    | 0.151826 | Y    |
| 8  | IC 200-161875/9   | 40.632115     | 4.769986   | 10.0      | 769476.0    | 0.117394 | Y    |



## Calibration

/ 1,4-Dioxane

Curve Type: Average  
Weighting: Conc\_Sq  
Origin: Force  
Dependency: Response  
Calib Mode: ISTD  
Response Base: AREA  
RF Rounding: 0

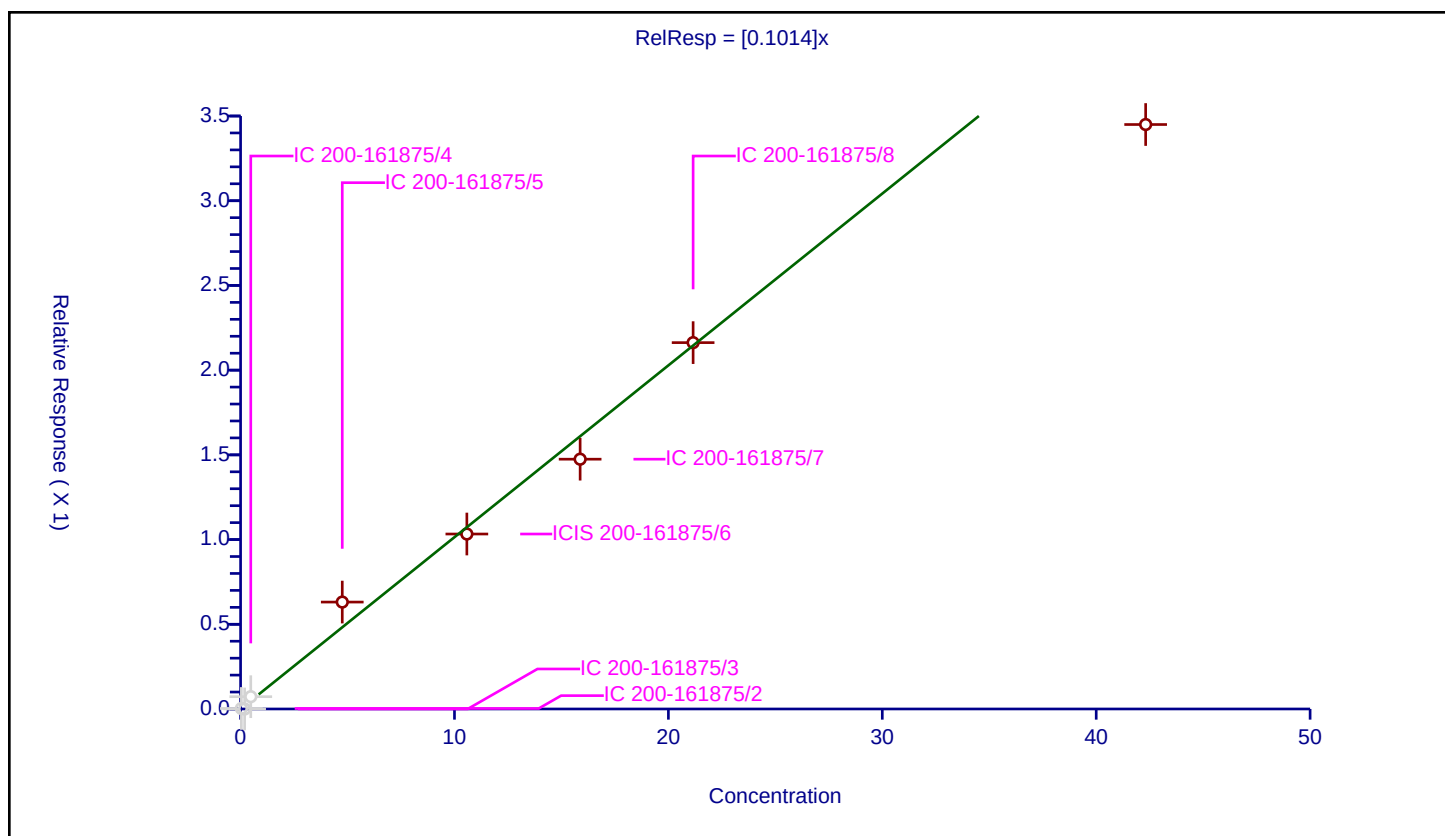
## Curve Coefficients

Intercept: 0  
Slope: 0.1014

## Error Coefficients

Standard Error: 171000  
Relative Standard Error: 18.9  
Correlation Coefficient: 0.994  
Coefficient of Determination (Adjusted): 0.873

| ID | Level             | Concentration | Rel. Resp. | IS Amount | IS Response | RRF      | Used |
|----|-------------------|---------------|------------|-----------|-------------|----------|------|
| 1  | IC 200-161875/2   | 0.037111      | 0.002996   | 10.0      | 917914.0    | 0.080728 | N    |
| 2  | IC 200-161875/3   | 0.190612      | 0.0        | 10.0      | 820189.0    | 0.0      | N    |
| 3  | IC 200-161875/4   | 0.476531      | 0.072564   | 10.0      | 719775.0    | 0.152276 | N    |
| 4  | IC 200-161875/5   | 4.753918      | 0.631073   | 10.0      | 618835.0    | 0.132748 | Y    |
| 5  | ICIS 200-161875/6 | 10.577947     | 1.032802   | 10.0      | 807502.0    | 0.097637 | Y    |
| 6  | IC 200-161875/7   | 15.873763     | 1.474493   | 10.0      | 820804.0    | 0.092889 | Y    |
| 7  | IC 200-161875/8   | 21.155895     | 2.16238    | 10.0      | 697500.0    | 0.102212 | Y    |
| 8  | IC 200-161875/9   | 42.311789     | 3.449802   | 10.0      | 769476.0    | 0.081533 | Y    |



# Calibration

/ Dibromomethane

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

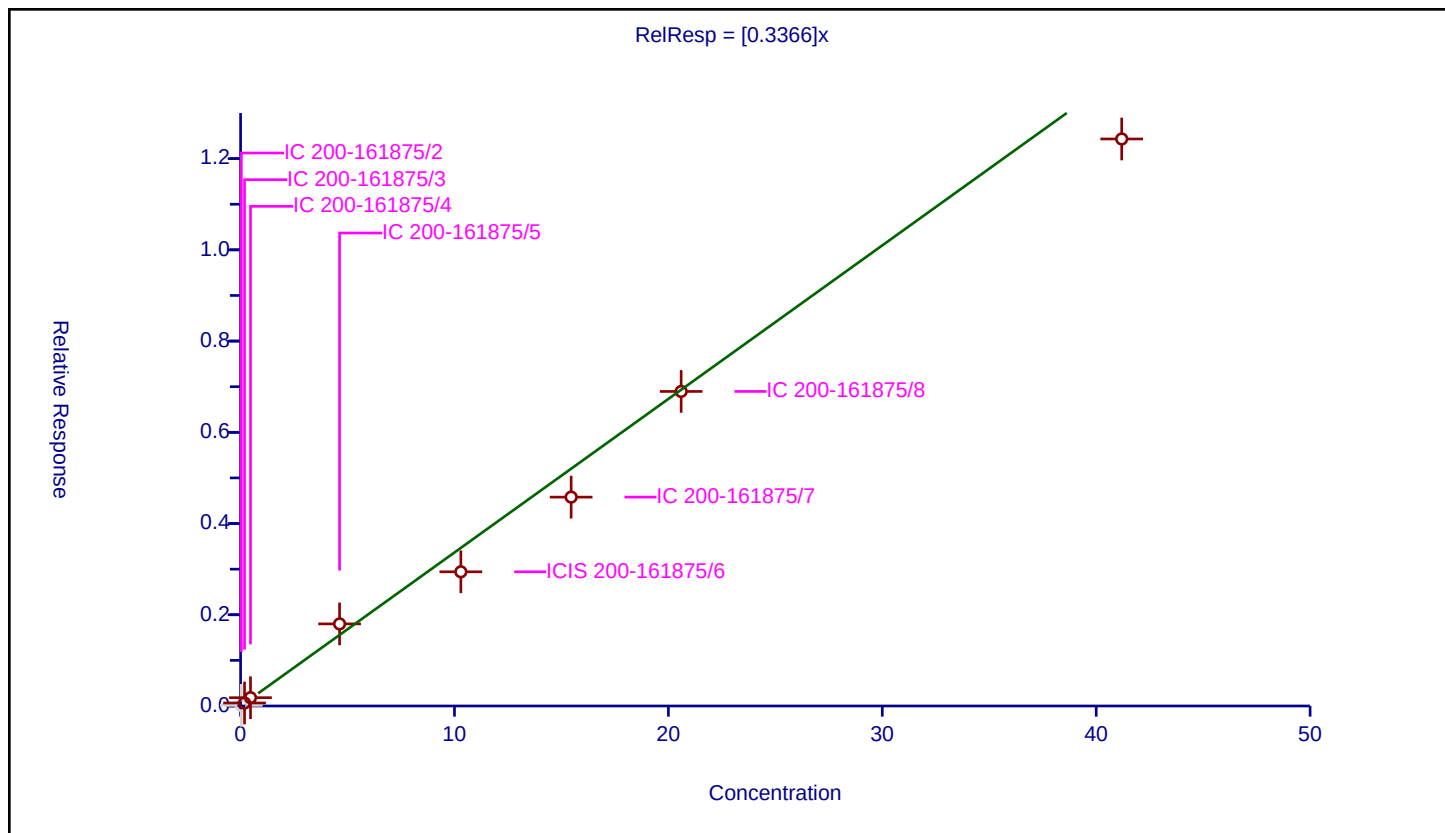
## Curve Coefficients

Intercept: 0  
 Slope: 0.3366

## Error Coefficients

Standard Error: 476000  
 Relative Standard Error: 13.1  
 Correlation Coefficient: 1.000  
 Coefficient of Determination (Adjusted): 0.979

| ID | Level             | Concentration | Rel. Resp. | IS Amount | IS Response | RRF      | Used |
|----|-------------------|---------------|------------|-----------|-------------|----------|------|
| 1  | IC 200-161875/2   | 0.036129      | 0.013934   | 10.0      | 917914.0    | 0.385664 | N    |
| 2  | IC 200-161875/3   | 0.185568      | 0.066082   | 10.0      | 820189.0    | 0.356109 | Y    |
| 3  | IC 200-161875/4   | 0.46392       | 0.182126   | 10.0      | 719775.0    | 0.392582 | Y    |
| 4  | IC 200-161875/5   | 4.628106      | 1.799494   | 10.0      | 618835.0    | 0.388819 | Y    |
| 5  | ICIS 200-161875/6 | 10.298002     | 2.94185    | 10.0      | 807502.0    | 0.285672 | Y    |
| 6  | IC 200-161875/7   | 15.453664     | 4.579071   | 10.0      | 820804.0    | 0.29631  | Y    |
| 7  | IC 200-161875/8   | 20.596003     | 6.895885   | 10.0      | 697500.0    | 0.334817 | Y    |
| 8  | IC 200-161875/9   | 41.192007     | 12.431382  | 10.0      | 769476.0    | 0.301791 | Y    |



# Calibration

/ Dichlorobromomethane

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

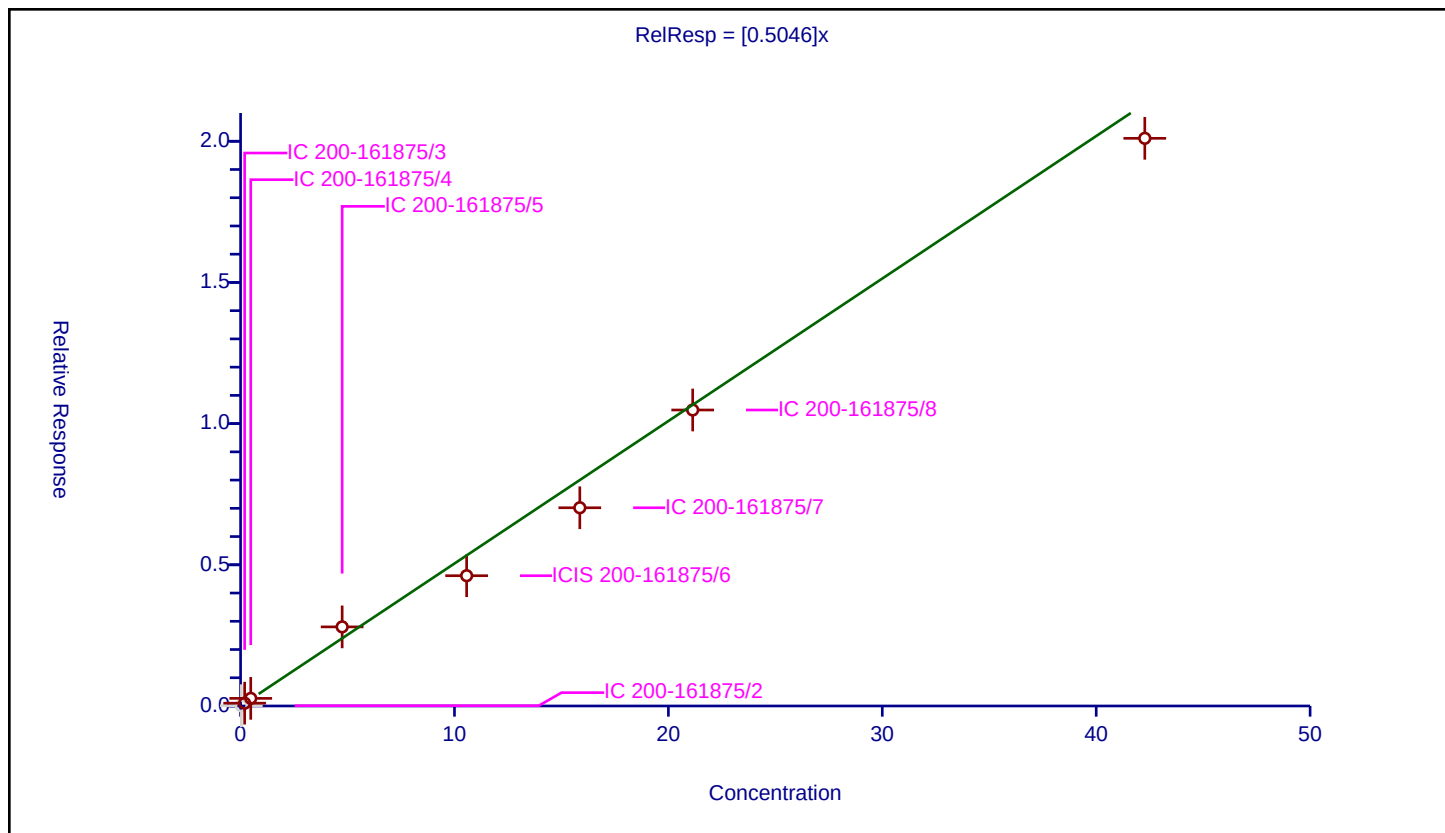
## Curve Coefficients

Intercept: 0  
 Slope: 0.5046

## Error Coefficients

Standard Error: 756000  
 Relative Standard Error: 11.7  
 Correlation Coefficient: 0.999  
 Coefficient of Determination (Adjusted): 0.983

| ID | Level             | Concentration | Rel. Resp. | IS Amount | IS Response | RRF      | Used |
|----|-------------------|---------------|------------|-----------|-------------|----------|------|
| 1  | IC 200-161875/2   | 0.037076      | 0.010306   | 10.0      | 917914.0    | 0.277966 | N    |
| 2  | IC 200-161875/3   | 0.190432      | 0.099904   | 10.0      | 820189.0    | 0.524616 | Y    |
| 3  | IC 200-161875/4   | 0.476081      | 0.269876   | 10.0      | 719775.0    | 0.56687  | Y    |
| 4  | IC 200-161875/5   | 4.749425      | 2.801635   | 10.0      | 618835.0    | 0.589889 | Y    |
| 5  | ICIS 200-161875/6 | 10.567949     | 4.614069   | 10.0      | 807502.0    | 0.43661  | Y    |
| 6  | IC 200-161875/7   | 15.85876      | 7.019861   | 10.0      | 820804.0    | 0.442649 | Y    |
| 7  | IC 200-161875/8   | 21.135899     | 10.482108  | 10.0      | 697500.0    | 0.495939 | Y    |
| 8  | IC 200-161875/9   | 42.271797     | 20.10398   | 10.0      | 769476.0    | 0.475588 | 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

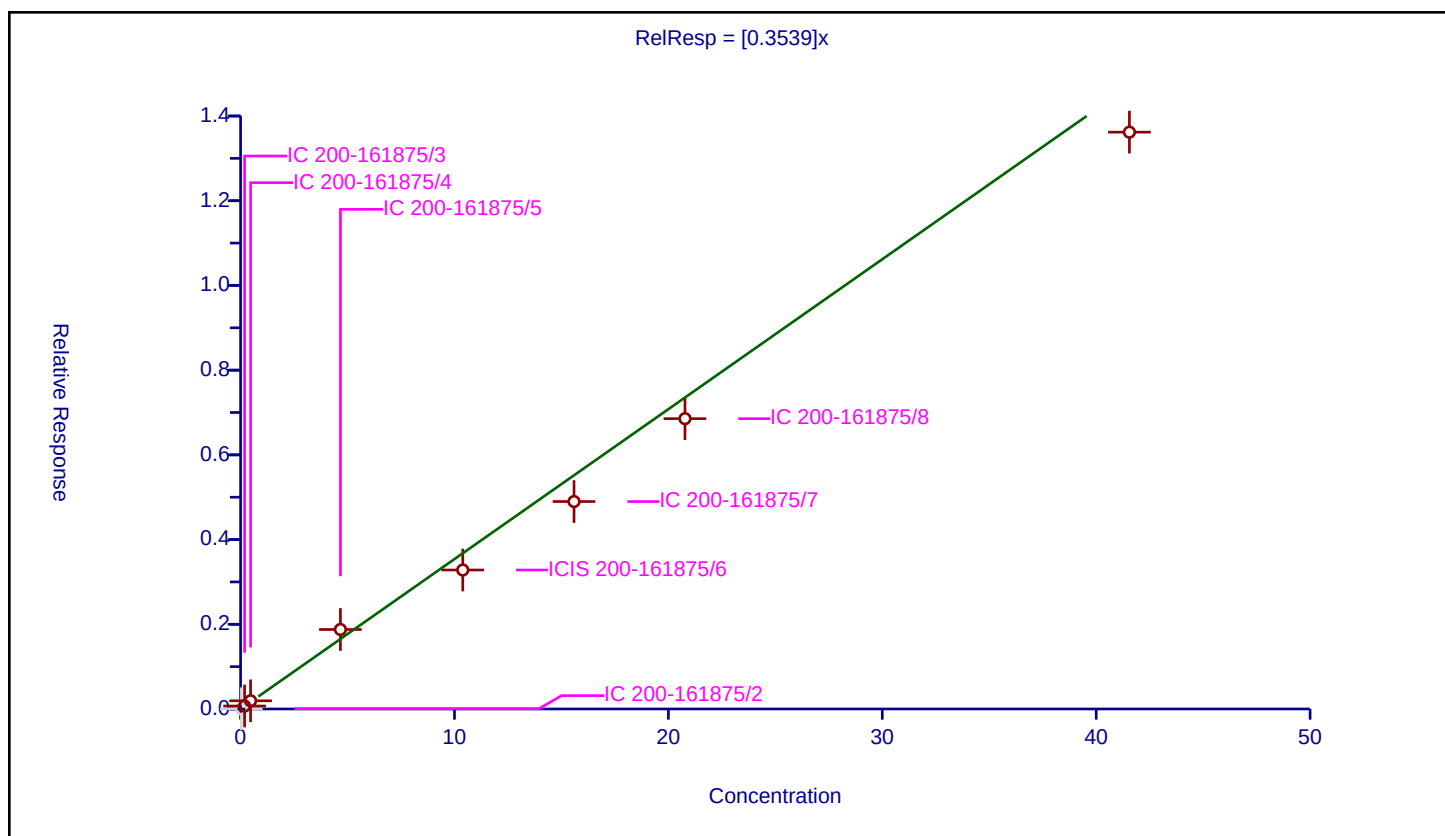
## Curve Coefficients

Intercept: 0  
Slope: 0.3539

## Error Coefficients

Standard Error: 512000  
Relative Standard Error: 11.9  
Correlation Coefficient: 0.998  
Coefficient of Determination (Adjusted): 0.983

| ID | Level             | Concentration | Rel. Resp. | IS Amount | IS Response | RRF      | Used |
|----|-------------------|---------------|------------|-----------|-------------|----------|------|
| 1  | IC 200-161875/2   | 0.036445      | 0.0056     | 10.0      | 917914.0    | 0.153647 | N    |
| 2  | IC 200-161875/3   | 0.187189      | 0.070081   | 10.0      | 820189.0    | 0.374388 | Y    |
| 3  | IC 200-161875/4   | 0.467973      | 0.193491   | 10.0      | 719775.0    | 0.413466 | Y    |
| 4  | IC 200-161875/5   | 4.668546      | 1.876671   | 10.0      | 618835.0    | 0.401982 | Y    |
| 5  | ICIS 200-161875/6 | 10.387984     | 3.281193   | 10.0      | 807502.0    | 0.315864 | Y    |
| 6  | IC 200-161875/7   | 15.588696     | 4.897856   | 10.0      | 820804.0    | 0.314193 | Y    |
| 7  | IC 200-161875/8   | 20.775968     | 6.854896   | 10.0      | 697500.0    | 0.329944 | Y    |
| 8  | IC 200-161875/9   | 41.551937     | 13.618813  | 10.0      | 769476.0    | 0.327754 | 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

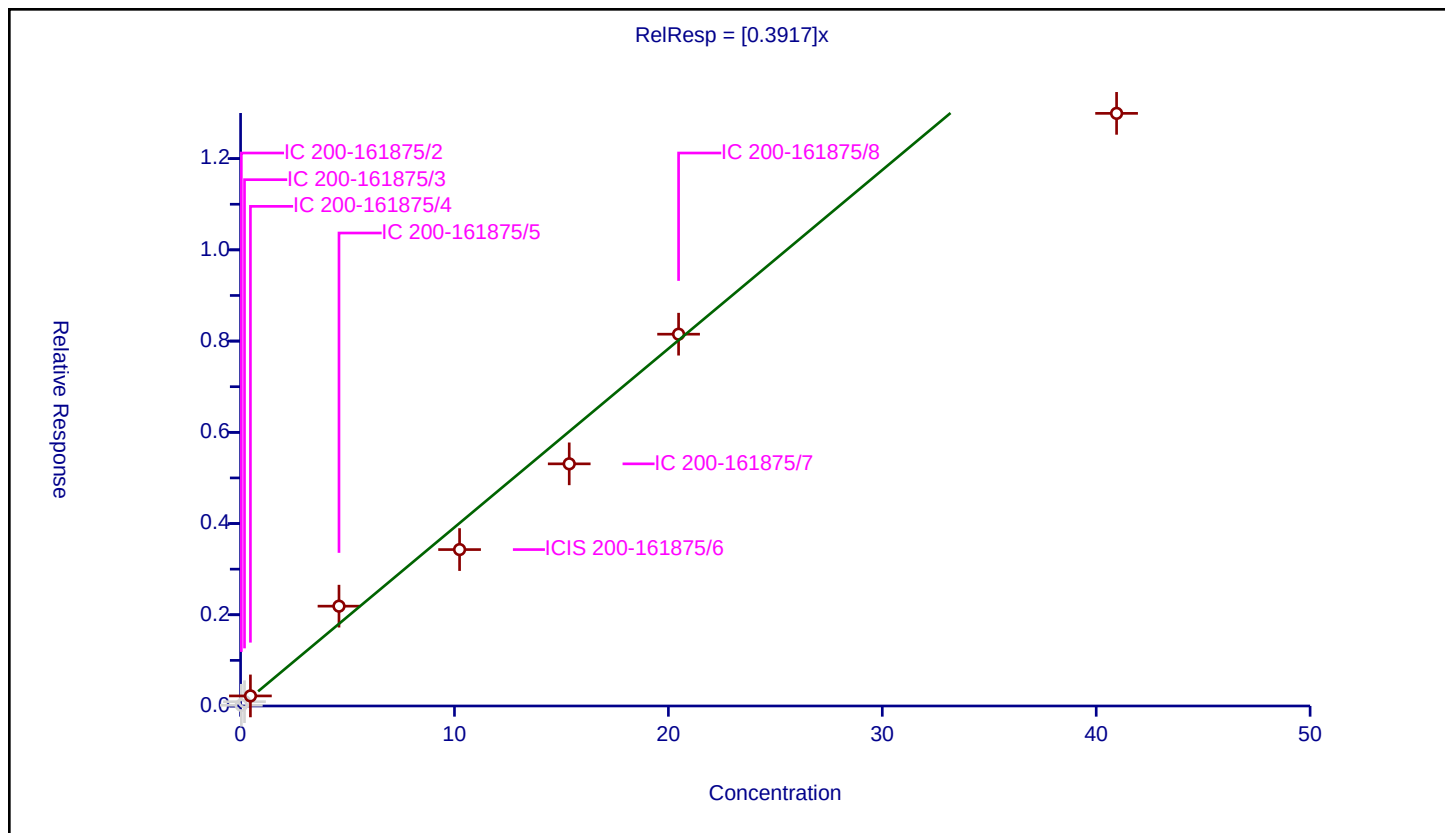
## Curve Coefficients

Intercept: 0  
 Slope: 0.3917

## Error Coefficients

Standard Error: 567000  
 Relative Standard Error: 18.2  
 Correlation Coefficient: 0.994  
 Coefficient of Determination (Adjusted): 0.960

| ID | Level             | Concentration | Rel. Resp. | IS Amount | IS Response | RRF      | Used |
|----|-------------------|---------------|------------|-----------|-------------|----------|------|
| 1  | IC 200-161875/2   | 0.035919      | 0.015938   | 10.0      | 917914.0    | 0.443732 | N    |
| 2  | IC 200-161875/3   | 0.184487      | 0.094149   | 10.0      | 820189.0    | 0.510329 | N    |
| 3  | IC 200-161875/4   | 0.461217      | 0.22075    | 10.0      | 719775.0    | 0.478624 | Y    |
| 4  | IC 200-161875/5   | 4.601146      | 2.188612   | 10.0      | 618835.0    | 0.475667 | Y    |
| 5  | ICIS 200-161875/6 | 10.238013     | 3.429218   | 10.0      | 807502.0    | 0.33495  | Y    |
| 6  | IC 200-161875/7   | 15.363642     | 5.308844   | 10.0      | 820804.0    | 0.345546 | Y    |
| 7  | IC 200-161875/8   | 20.476027     | 8.151398   | 10.0      | 697500.0    | 0.398095 | Y    |
| 8  | IC 200-161875/9   | 40.952053     | 12.992452  | 10.0      | 769476.0    | 0.31726  | Y    |





## Calibration

/ Toluene

Curve Type: Average  
Weighting: Conc\_Sq  
Origin: Force  
Dependency: Response  
Calib Mode: ISTD  
Response Base: AREA  
RF Rounding: 0

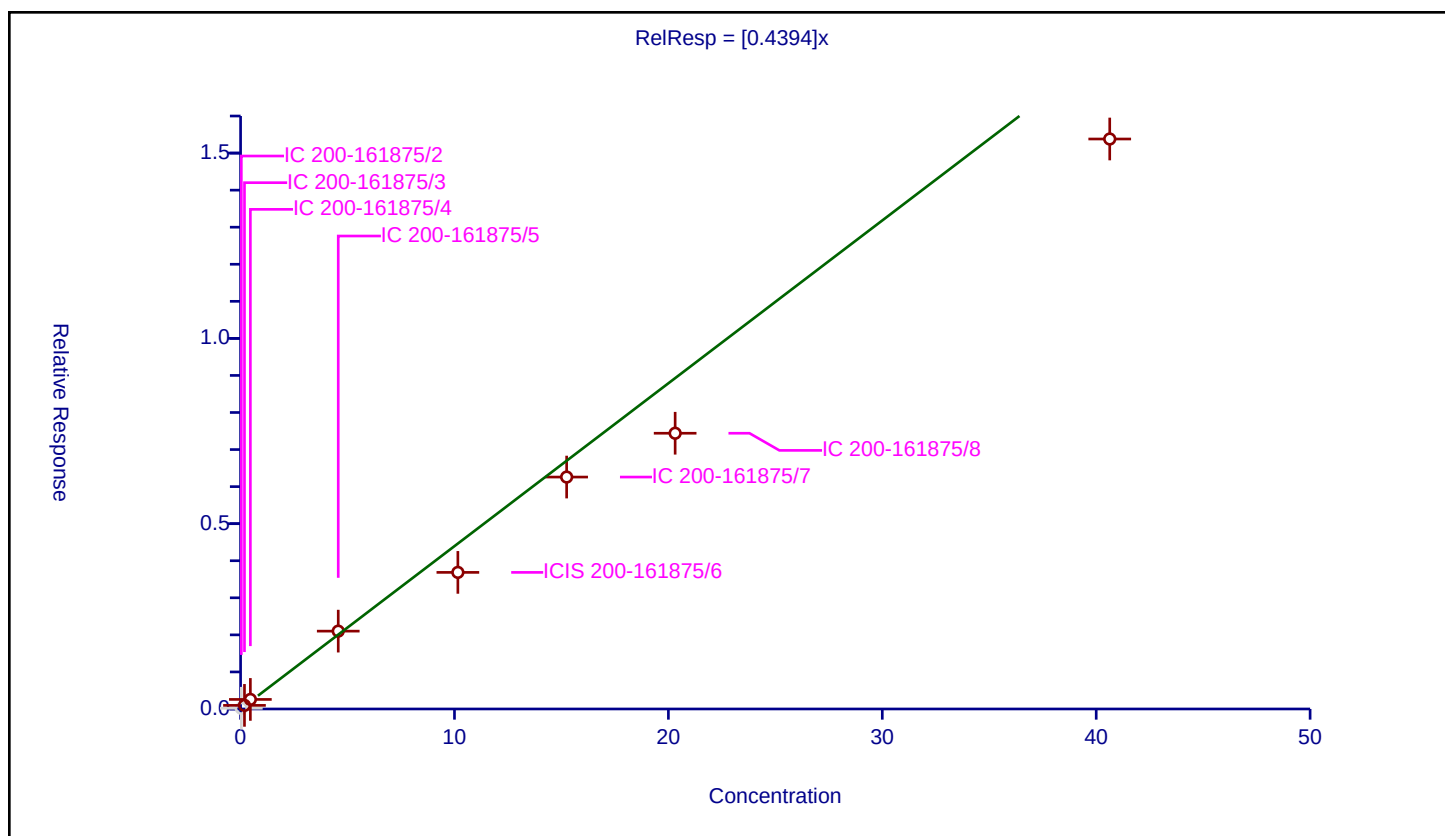
## Curve Coefficients

Intercept: 0  
Slope: 0.4394

## Error Coefficients

Standard Error: 564000  
Relative Standard Error: 18.7  
Correlation Coefficient: 0.997  
Coefficient of Determination (Adjusted): 0.952

| ID | Level             | Concentration | Rel. Resp. | IS Amount | IS Response | RRF      | Used |
|----|-------------------|---------------|------------|-----------|-------------|----------|------|
| 1  | IC 200-161875/2   | 0.035638      | 0.019946   | 10.0      | 792138.0    | 0.559681 | N    |
| 2  | IC 200-161875/3   | 0.183046      | 0.097819   | 10.0      | 747094.0    | 0.534397 | Y    |
| 3  | IC 200-161875/4   | 0.457614      | 0.25768    | 10.0      | 670831.0    | 0.563096 | Y    |
| 4  | IC 200-161875/5   | 4.5652        | 2.100952   | 10.0      | 661638.0    | 0.46021  | Y    |
| 5  | ICIS 200-161875/6 | 10.158029     | 3.685847   | 10.0      | 776158.0    | 0.362851 | Y    |
| 6  | IC 200-161875/7   | 15.243614     | 6.25853    | 10.0      | 749545.0    | 0.410567 | Y    |
| 7  | IC 200-161875/8   | 20.316058     | 7.440192   | 10.0      | 728535.0    | 0.366222 | Y    |
| 8  | IC 200-161875/9   | 40.632115     | 15.379889  | 10.0      | 740374.0    | 0.378516 | Y    |



## Calibration

/ n-Octane

Curve Type: Average  
Weighting: Conc\_Sq  
Origin: Force  
Dependency: Response  
Calib Mode: ISTD  
Response Base: AREA  
RF Rounding: 0

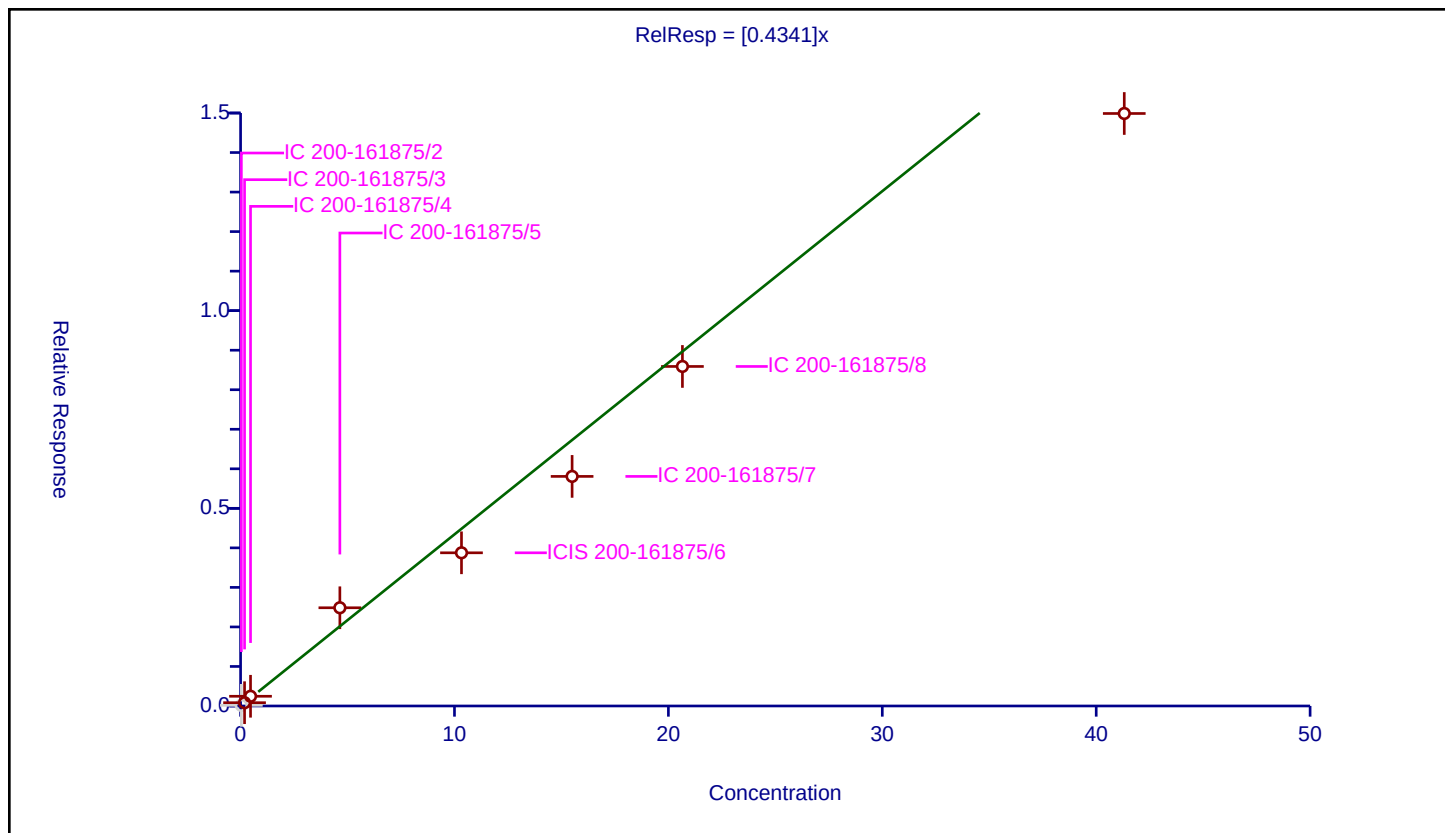
## Curve Coefficients

Intercept: 0  
Slope: 0.4341

## Error Coefficients

Standard Error: 583000  
Relative Standard Error: 16.8  
Correlation Coefficient: 0.998  
Coefficient of Determination (Adjusted): 0.966

| ID | Level             | Concentration | Rel. Resp. | IS Amount | IS Response | RRF      | Used |
|----|-------------------|---------------|------------|-----------|-------------|----------|------|
| 1  | IC 200-161875/2   | 0.036234      | 0.016701   | 10.0      | 917914.0    | 0.460912 | N    |
| 2  | IC 200-161875/3   | 0.186108      | 0.083005   | 10.0      | 820189.0    | 0.446005 | Y    |
| 3  | IC 200-161875/4   | 0.465271      | 0.246007   | 10.0      | 719775.0    | 0.52874  | Y    |
| 4  | IC 200-161875/5   | 4.641586      | 2.484717   | 10.0      | 618835.0    | 0.535316 | Y    |
| 5  | ICIS 200-161875/6 | 10.327996     | 3.874876   | 10.0      | 807502.0    | 0.375182 | Y    |
| 6  | IC 200-161875/7   | 15.498674     | 5.807367   | 10.0      | 820804.0    | 0.374701 | Y    |
| 7  | IC 200-161875/8   | 20.655992     | 8.589118   | 10.0      | 697500.0    | 0.415817 | Y    |
| 8  | IC 200-161875/9   | 41.311983     | 14.988005  | 10.0      | 769476.0    | 0.3628   | 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

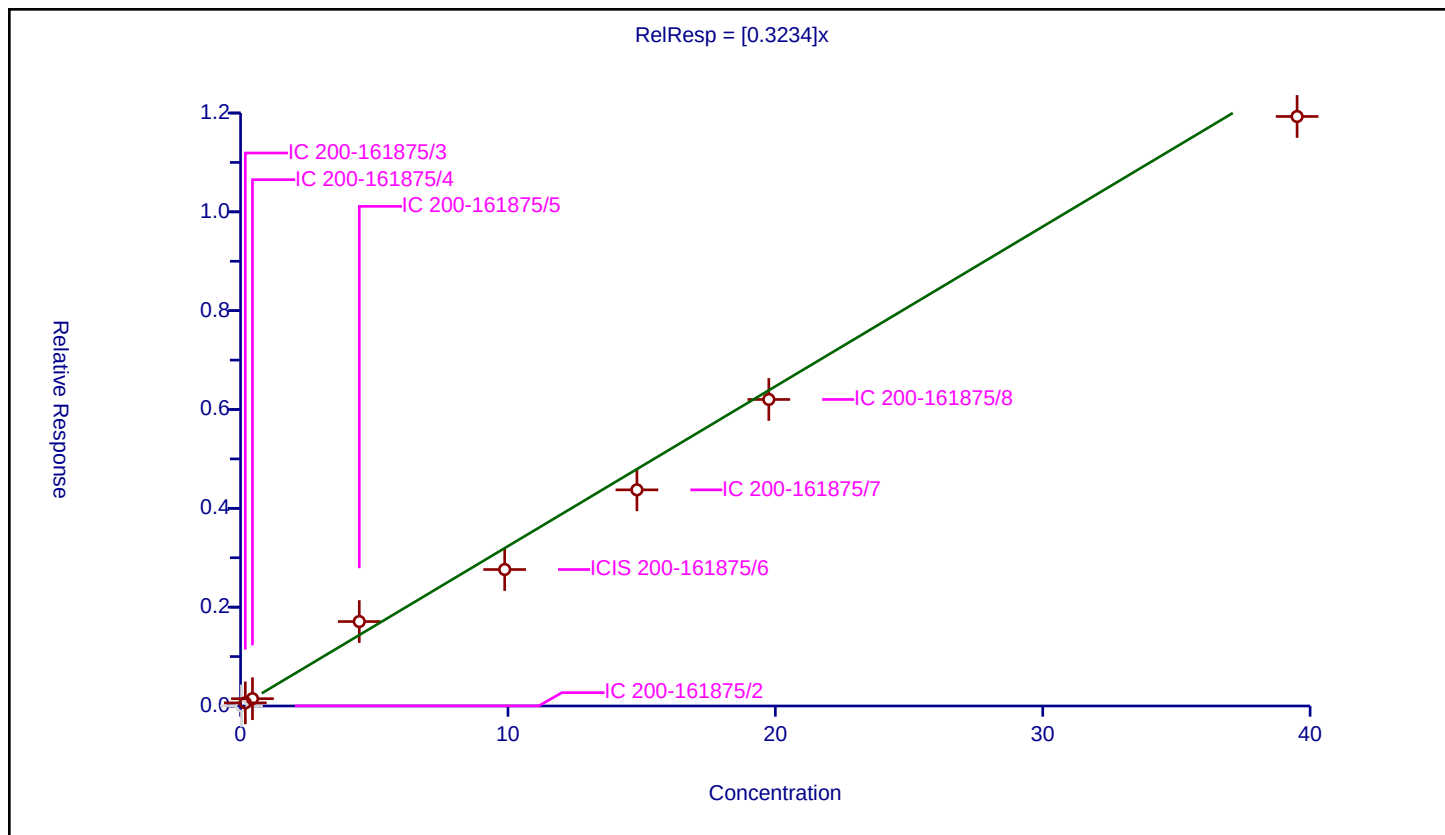
## Curve Coefficients

Intercept: 0  
 Slope: 0.3234

## Error Coefficients

Standard Error: 451000  
 Relative Standard Error: 11.4  
 Correlation Coefficient: 0.999  
 Coefficient of Determination (Adjusted): 0.984

| ID | Level             | Concentration | Rel. Resp. | IS Amount | IS Response | RRF      | Used |
|----|-------------------|---------------|------------|-----------|-------------|----------|------|
| 1  | IC 200-161875/2   | 0.034656      | 0.002876   | 10.0      | 917914.0    | 0.08299  | N    |
| 2  | IC 200-161875/3   | 0.178001      | 0.063461   | 10.0      | 820189.0    | 0.35652  | Y    |
| 3  | IC 200-161875/4   | 0.445002      | 0.147546   | 10.0      | 719775.0    | 0.331562 | Y    |
| 4  | IC 200-161875/5   | 4.439387      | 1.709034   | 10.0      | 618835.0    | 0.384971 | Y    |
| 5  | ICIS 200-161875/6 | 9.878083      | 2.761739   | 10.0      | 807502.0    | 0.279583 | Y    |
| 6  | IC 200-161875/7   | 14.823514     | 4.374345   | 10.0      | 820804.0    | 0.295095 | Y    |
| 7  | IC 200-161875/8   | 19.756166     | 6.203283   | 10.0      | 697500.0    | 0.313992 | Y    |
| 8  | IC 200-161875/9   | 39.512333     | 11.929976  | 10.0      | 769476.0    | 0.30193  | 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

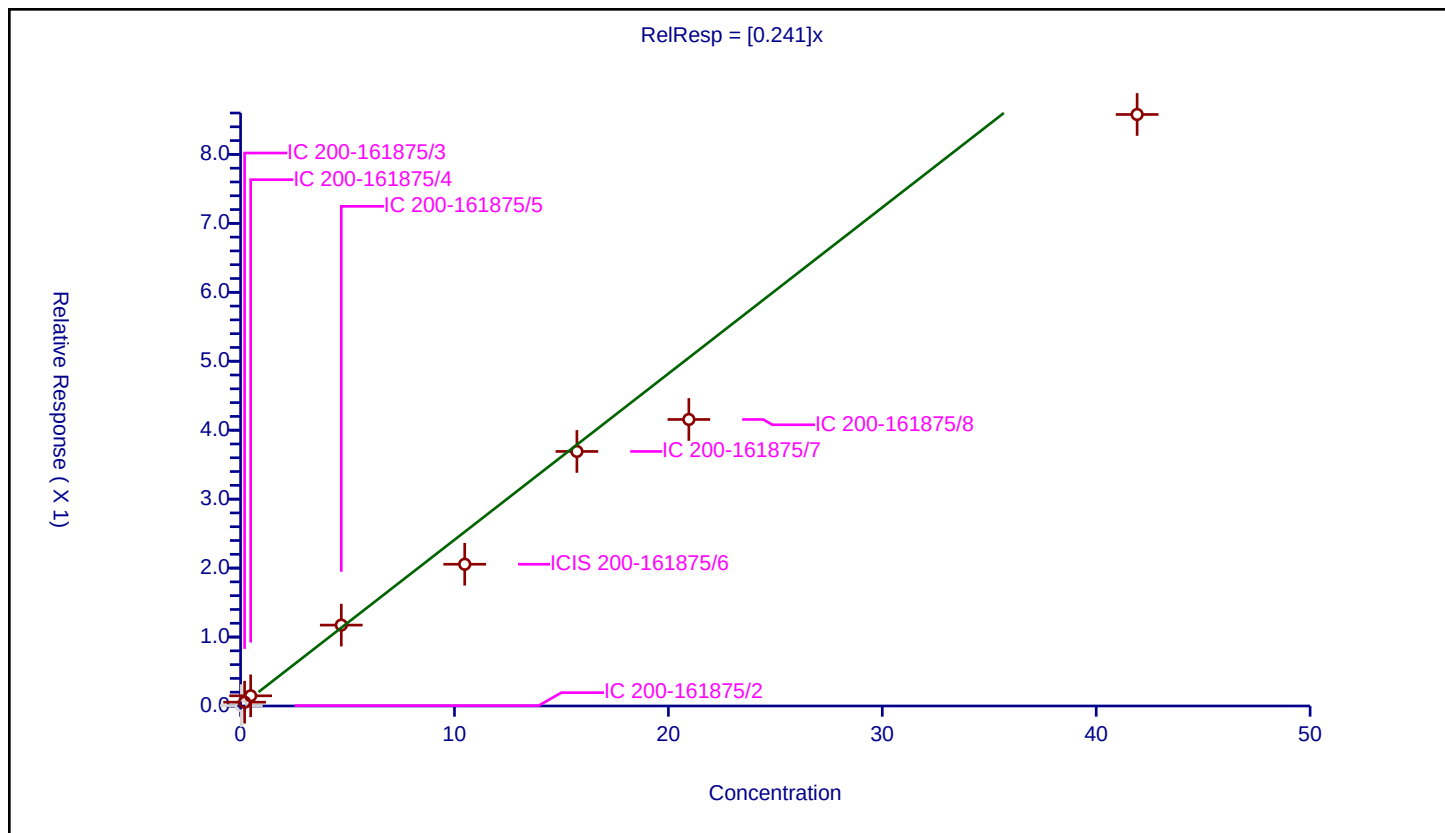
## Curve Coefficients

Intercept: 0  
Slope: 0.241

## Error Coefficients

Standard Error: 317000  
Relative Standard Error: 19.3  
Correlation Coefficient: 0.995  
Coefficient of Determination (Adjusted): 0.950

| ID | Level             | Concentration | Rel. Resp. | IS Amount | IS Response | RRF      | Used |
|----|-------------------|---------------|------------|-----------|-------------|----------|------|
| 1  | IC 200-161875/2   | 0.036761      | 0.005416   | 10.0      | 792138.0    | 0.147324 | N    |
| 2  | IC 200-161875/3   | 0.188811      | 0.05504    | 10.0      | 747094.0    | 0.291508 | Y    |
| 3  | IC 200-161875/4   | 0.472027      | 0.147504   | 10.0      | 670831.0    | 0.31249  | Y    |
| 4  | IC 200-161875/5   | 4.708985      | 1.1733     | 10.0      | 661638.0    | 0.249162 | Y    |
| 5  | ICIS 200-161875/6 | 10.477967     | 2.055896   | 10.0      | 776158.0    | 0.196211 | Y    |
| 6  | IC 200-161875/7   | 15.723728     | 3.691866   | 10.0      | 749545.0    | 0.234796 | Y    |
| 7  | IC 200-161875/8   | 20.955934     | 4.155271   | 10.0      | 728535.0    | 0.198286 | Y    |
| 8  | IC 200-161875/9   | 41.911867     | 8.578786   | 10.0      | 740374.0    | 0.204686 | Y    |



# Calibration

/ Tetrachloroethene

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

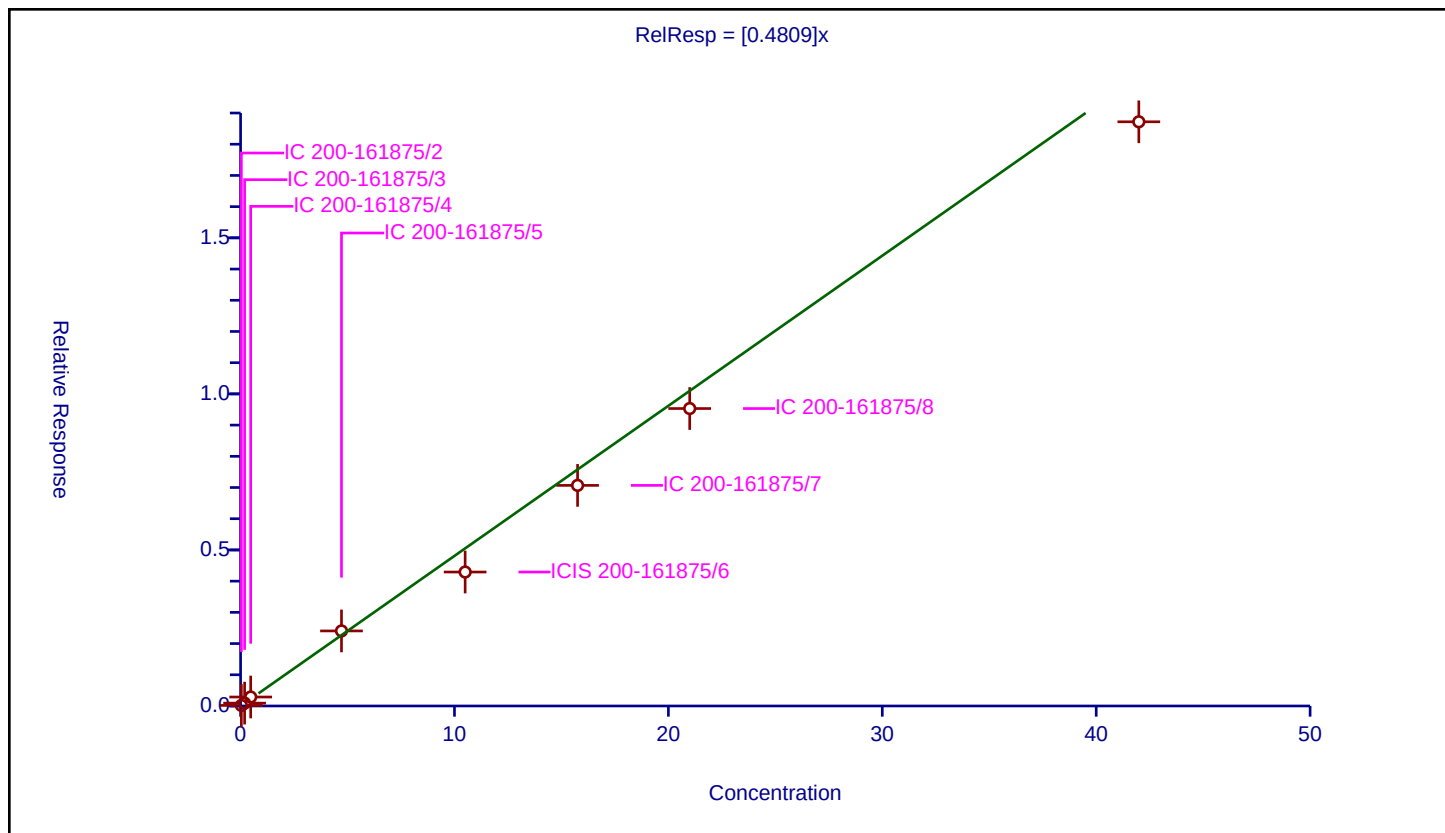
## Curve Coefficients

Intercept: 0  
 Slope: 0.4809

## Error Coefficients

Standard Error: 635000  
 Relative Standard Error: 12.5  
 Correlation Coefficient: 1.000  
 Coefficient of Determination (Adjusted): 0.983

| ID | Level             | Concentration | Rel. Resp. | IS Amount | IS Response | RRF      | Used |
|----|-------------------|---------------|------------|-----------|-------------|----------|------|
| 1  | IC 200-161875/2   | 0.036831      | 0.017939   | 10.0      | 792138.0    | 0.48706  | Y    |
| 2  | IC 200-161875/3   | 0.189171      | 0.091876   | 10.0      | 747094.0    | 0.485677 | Y    |
| 3  | IC 200-161875/4   | 0.472928      | 0.28739    | 10.0      | 670831.0    | 0.607682 | Y    |
| 4  | IC 200-161875/5   | 4.717972      | 2.405107   | 10.0      | 661638.0    | 0.509776 | Y    |
| 5  | ICIS 200-161875/6 | 10.497963     | 4.292193   | 10.0      | 776158.0    | 0.40886  | Y    |
| 6  | IC 200-161875/7   | 15.753735     | 7.068035   | 10.0      | 749545.0    | 0.448658 | Y    |
| 7  | IC 200-161875/8   | 20.995926     | 9.531388   | 10.0      | 728535.0    | 0.453964 | Y    |
| 8  | IC 200-161875/9   | 41.991852     | 18.718891  | 10.0      | 740374.0    | 0.445774 | Y    |



## Calibration

/ 2-Hexanone

Curve Type: Average  
Weighting: Conc\_Sq  
Origin: Force  
Dependency: Response  
Calib Mode: ISTD  
Response Base: AREA  
RF Rounding: 0

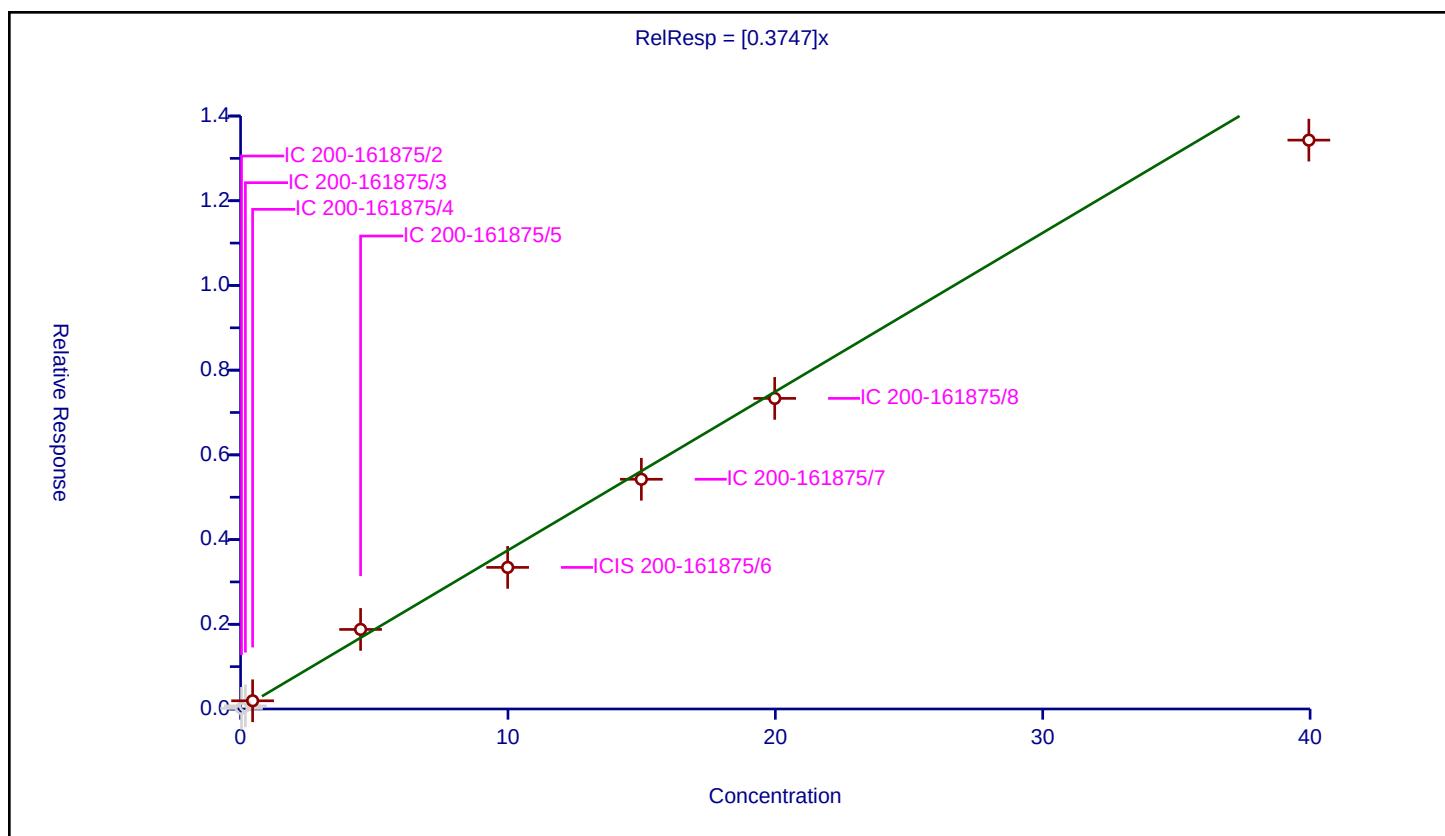
## Curve Coefficients

Intercept: 0  
Slope: 0.3747

## Error Coefficients

Standard Error: 552000  
Relative Standard Error: 10.9  
Correlation Coefficient: 0.998  
Coefficient of Determination (Adjusted): 0.986

| ID | Level             | Concentration | Rel. Resp. | IS Amount | IS Response | RRF      | Used |
|----|-------------------|---------------|------------|-----------|-------------|----------|------|
| 1  | IC 200-161875/2   | 0.035042      | 0.014644   | 10.0      | 792138.0    | 0.417898 | N    |
| 2  | IC 200-161875/3   | 0.179983      | 0.07311    | 10.0      | 747094.0    | 0.406205 | N    |
| 3  | IC 200-161875/4   | 0.449957      | 0.193566   | 10.0      | 670831.0    | 0.430188 | Y    |
| 4  | IC 200-161875/5   | 4.488813      | 1.878157   | 10.0      | 661638.0    | 0.418408 | Y    |
| 5  | ICIS 200-161875/6 | 9.988062      | 3.342747   | 10.0      | 776158.0    | 0.334674 | Y    |
| 6  | IC 200-161875/7   | 14.988553     | 5.423437   | 10.0      | 749545.0    | 0.361839 | Y    |
| 7  | IC 200-161875/8   | 19.976124     | 7.332976   | 10.0      | 728535.0    | 0.367087 | Y    |
| 8  | IC 200-161875/9   | 39.952247     | 13.431104  | 10.0      | 740374.0    | 0.336179 | Y    |



# Calibration

/ Chlorodibromomethane

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

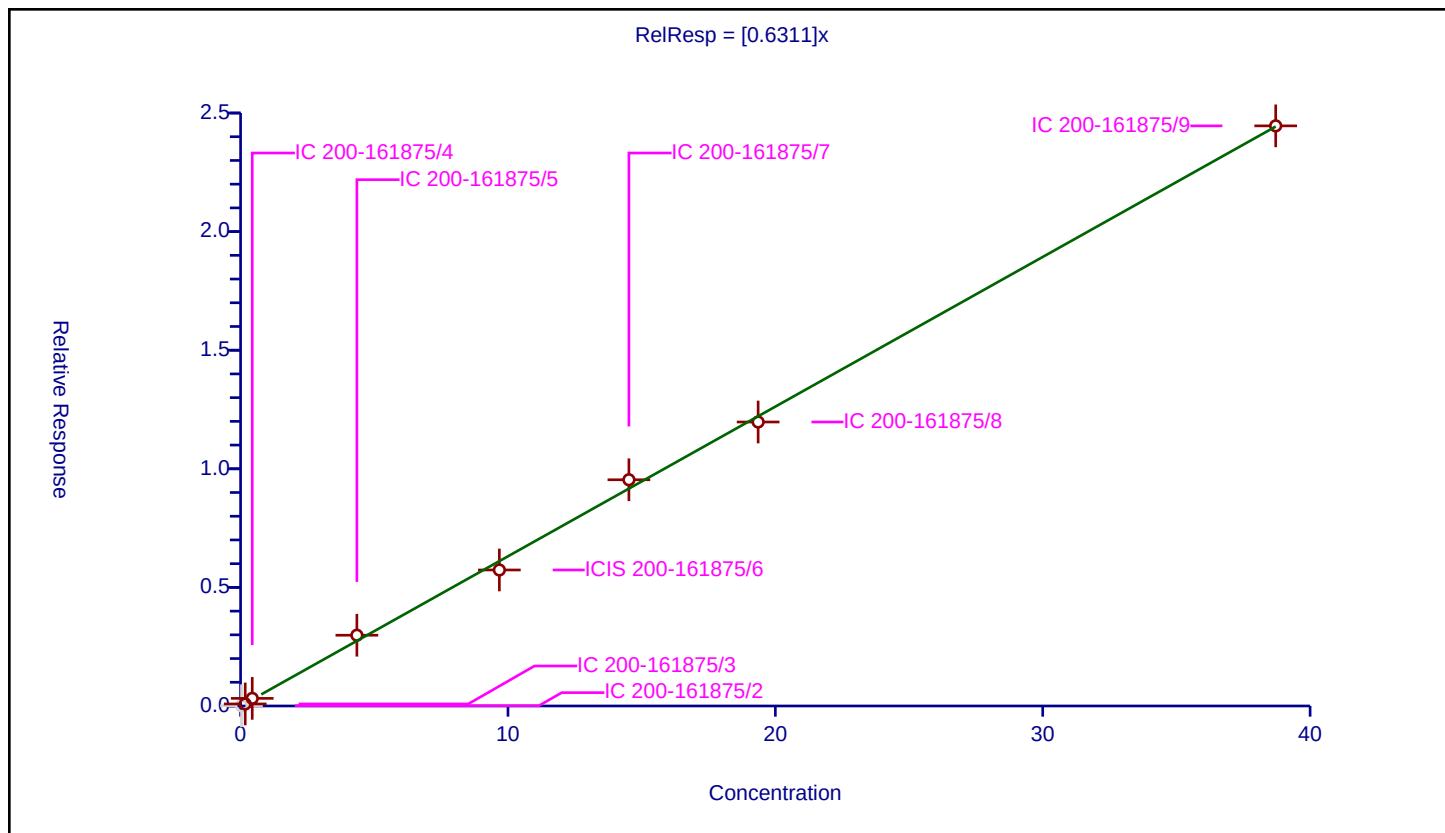
## Curve Coefficients

Intercept: 0  
 Slope: 0.6311

## Error Coefficients

Standard Error: 893000  
 Relative Standard Error: 12.1  
 Correlation Coefficient: 0.999  
 Coefficient of Determination (Adjusted): 0.984

| ID | Level             | Concentration | Rel. Resp. | IS Amount | IS Response | RRF      | Used |
|----|-------------------|---------------|------------|-----------|-------------|----------|------|
| 1  | IC 200-161875/2   | 0.033954      | 0.010326   | 10.0      | 792138.0    | 0.304127 | N    |
| 2  | IC 200-161875/3   | 0.174398      | 0.086401   | 10.0      | 747094.0    | 0.495428 | Y    |
| 3  | IC 200-161875/4   | 0.435994      | 0.321214   | 10.0      | 670831.0    | 0.736738 | Y    |
| 4  | IC 200-161875/5   | 4.349521      | 2.983066   | 10.0      | 661638.0    | 0.685838 | Y    |
| 5  | ICIS 200-161875/6 | 9.678122      | 5.733884   | 10.0      | 776158.0    | 0.592458 | Y    |
| 6  | IC 200-161875/7   | 14.523443     | 9.537559   | 10.0      | 749545.0    | 0.656701 | Y    |
| 7  | IC 200-161875/8   | 19.356244     | 11.973481  | 10.0      | 728535.0    | 0.618585 | Y    |
| 8  | IC 200-161875/9   | 38.712488     | 24.457977  | 10.0      | 740374.0    | 0.631785 | Y    |



## Calibration

/ Ethylene Dibromide

Curve Type: Average  
Weighting: Conc\_Sq  
Origin: Force  
Dependency: Response  
Calib Mode: ISTD  
Response Base: AREA  
RF Rounding: 0

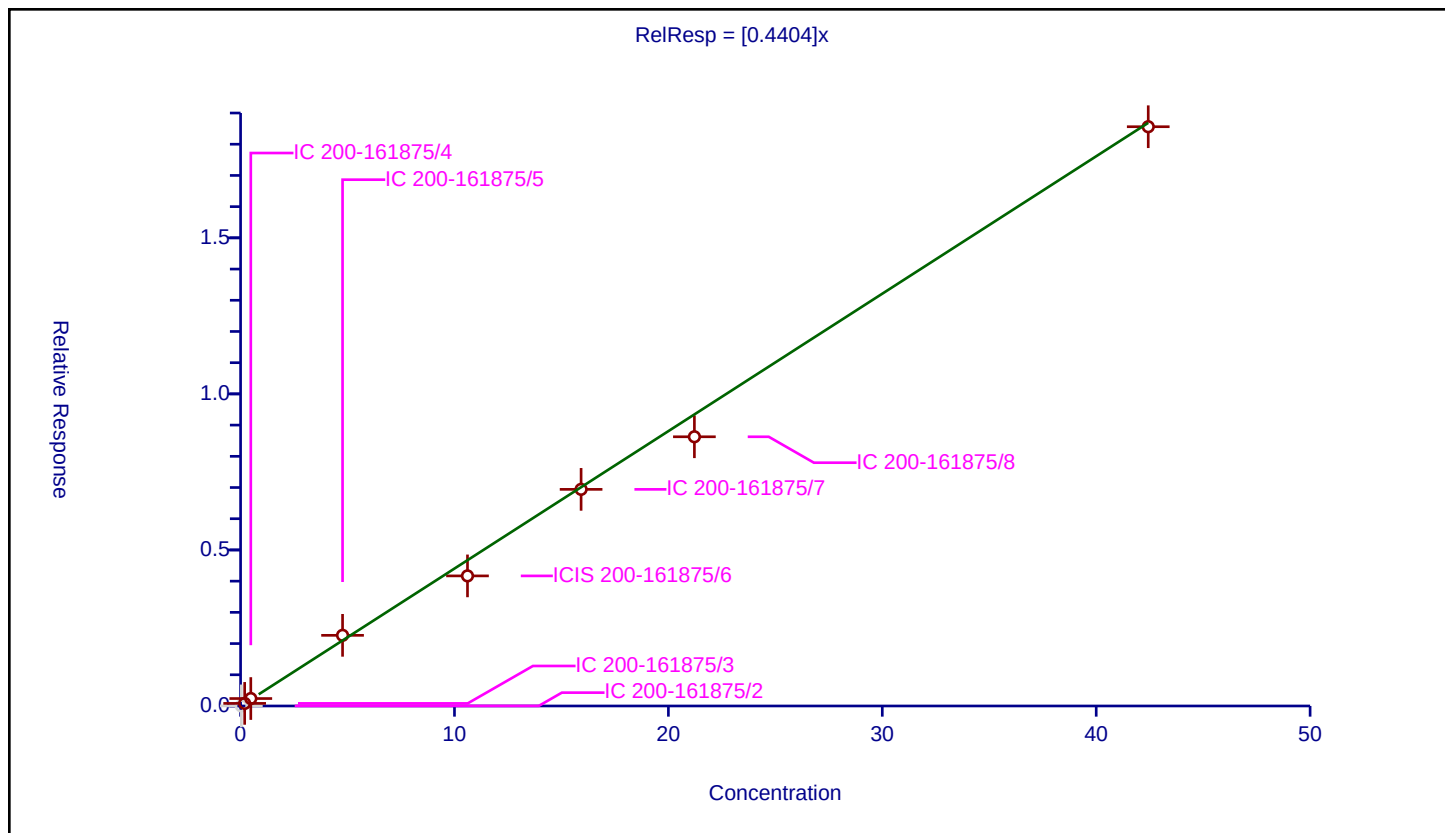
## Curve Coefficients

Intercept: 0  
Slope: 0.4404

## Error Coefficients

Standard Error: 668000  
Relative Standard Error: 8.3  
Correlation Coefficient: 0.998  
Coefficient of Determination (Adjusted): 0.992

| ID | Level             | Concentration | Rel. Resp. | IS Amount | IS Response | RRF      | Used |
|----|-------------------|---------------|------------|-----------|-------------|----------|------|
| 1  | IC 200-161875/2   | 0.037217      | 0.003371   | 10.0      | 792138.0    | 0.090568 | N    |
| 2  | IC 200-161875/3   | 0.191153      | 0.083296   | 10.0      | 747094.0    | 0.435756 | Y    |
| 3  | IC 200-161875/4   | 0.477882      | 0.238421   | 10.0      | 670831.0    | 0.498911 | Y    |
| 4  | IC 200-161875/5   | 4.767398      | 2.263625   | 10.0      | 661638.0    | 0.474813 | Y    |
| 5  | ICIS 200-161875/6 | 10.607942     | 4.168584   | 10.0      | 776158.0    | 0.392968 | Y    |
| 6  | IC 200-161875/7   | 15.918774     | 6.941384   | 10.0      | 749545.0    | 0.43605  | Y    |
| 7  | IC 200-161875/8   | 21.215883     | 8.625708   | 10.0      | 728535.0    | 0.406568 | Y    |
| 8  | IC 200-161875/9   | 42.431766     | 18.560592  | 10.0      | 740374.0    | 0.437422 | Y    |





# Calibration

/ Chlorobenzene

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

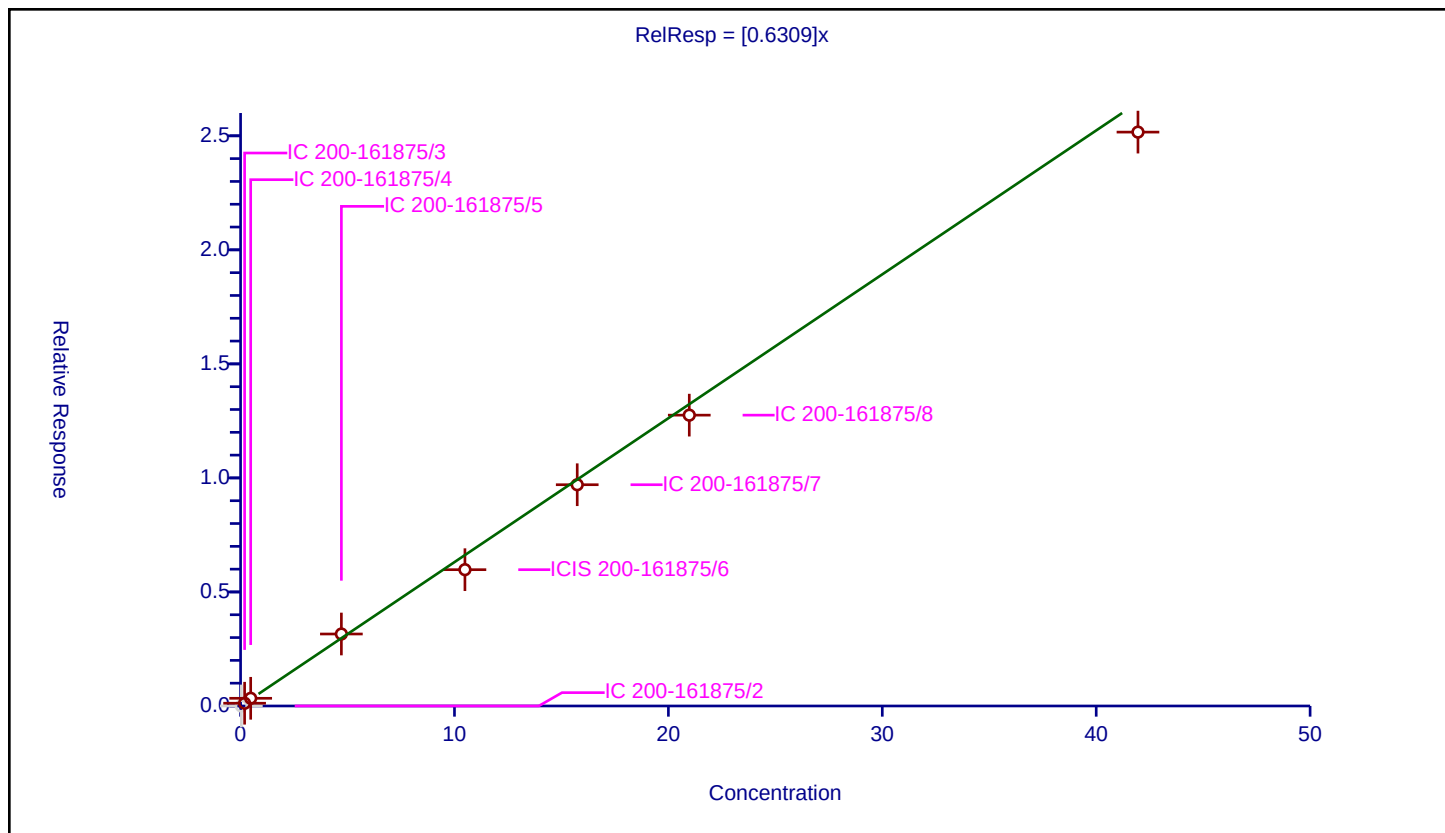
## Curve Coefficients

Intercept: 0  
 Slope: 0.6309

## Error Coefficients

Standard Error: 924000  
 Relative Standard Error: 7.6  
 Correlation Coefficient: 1.000  
 Coefficient of Determination (Adjusted): 0.993

| ID | Level             | Concentration | Rel. Resp. | IS Amount | IS Response | RRF      | Used |
|----|-------------------|---------------|------------|-----------|-------------|----------|------|
| 1  | IC 200-161875/2   | 0.036796      | 0.00072    | 10.0      | 792138.0    | 0.019556 | N    |
| 2  | IC 200-161875/3   | 0.188991      | 0.120815   | 10.0      | 747094.0    | 0.639262 | Y    |
| 3  | IC 200-161875/4   | 0.472477      | 0.337      | 10.0      | 670831.0    | 0.713262 | Y    |
| 4  | IC 200-161875/5   | 4.713479      | 3.156182   | 10.0      | 661638.0    | 0.669608 | Y    |
| 5  | ICIS 200-161875/6 | 10.487965     | 5.97667    | 10.0      | 776158.0    | 0.56986  | Y    |
| 6  | IC 200-161875/7   | 15.738731     | 9.701365   | 10.0      | 749545.0    | 0.616401 | Y    |
| 7  | IC 200-161875/8   | 20.97593      | 12.752606  | 10.0      | 728535.0    | 0.607964 | Y    |
| 8  | IC 200-161875/9   | 41.951859     | 25.163269  | 10.0      | 740374.0    | 0.599813 | Y    |



## Calibration

/ Ethylbenzene

Curve Type: Average  
Weighting: Conc\_Sq  
Origin: Force  
Dependency: Response  
Calib Mode: ISTD  
Response Base: AREA  
RF Rounding: 0

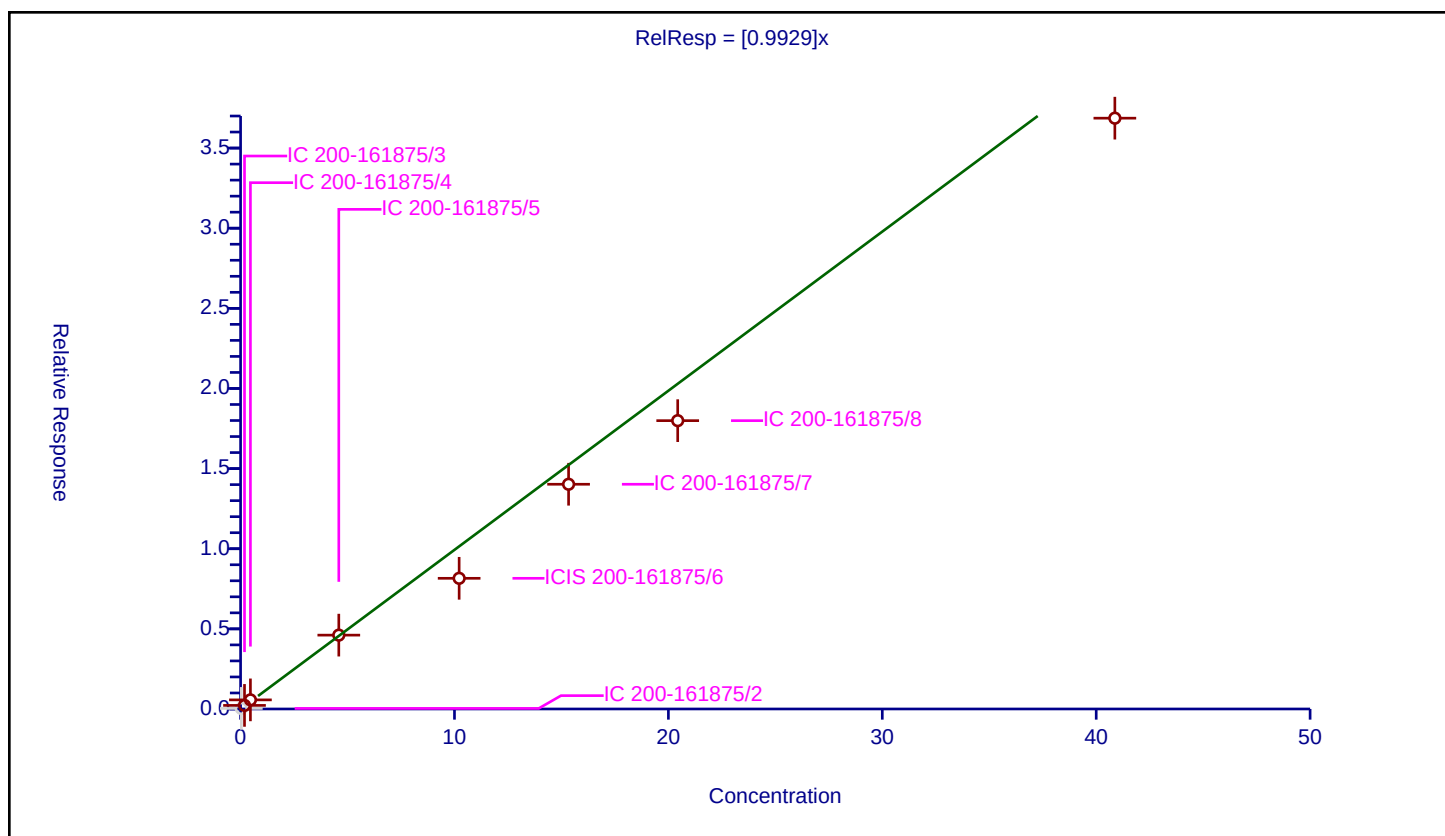
## Curve Coefficients

Intercept: 0  
Slope: 0.9929

## Error Coefficients

Standard Error: 1340000  
Relative Standard Error: 17.1  
Correlation Coefficient: 0.999  
Coefficient of Determination (Adjusted): 0.960

| ID | Level             | Concentration | Rel. Resp. | IS Amount | IS Response | RRF      | Used |
|----|-------------------|---------------|------------|-----------|-------------|----------|------|
| 1  | IC 200-161875/2   | 0.035849      | 0.035272   | 10.0      | 792138.0    | 0.983904 | N    |
| 2  | IC 200-161875/3   | 0.184127      | 0.224389   | 10.0      | 747094.0    | 1.21867  | Y    |
| 3  | IC 200-161875/4   | 0.460316      | 0.567639   | 10.0      | 670831.0    | 1.23315  | Y    |
| 4  | IC 200-161875/5   | 4.592159      | 4.608215   | 10.0      | 661638.0    | 1.003496 | Y    |
| 5  | ICIS 200-161875/6 | 10.218017     | 8.15428    | 10.0      | 776158.0    | 0.79803  | Y    |
| 6  | IC 200-161875/7   | 15.333635     | 14.023521  | 10.0      | 749545.0    | 0.914559 | Y    |
| 7  | IC 200-161875/8   | 20.436034     | 17.991449  | 10.0      | 728535.0    | 0.880379 | Y    |
| 8  | IC 200-161875/9   | 40.872069     | 36.865098  | 10.0      | 740374.0    | 0.901963 | 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

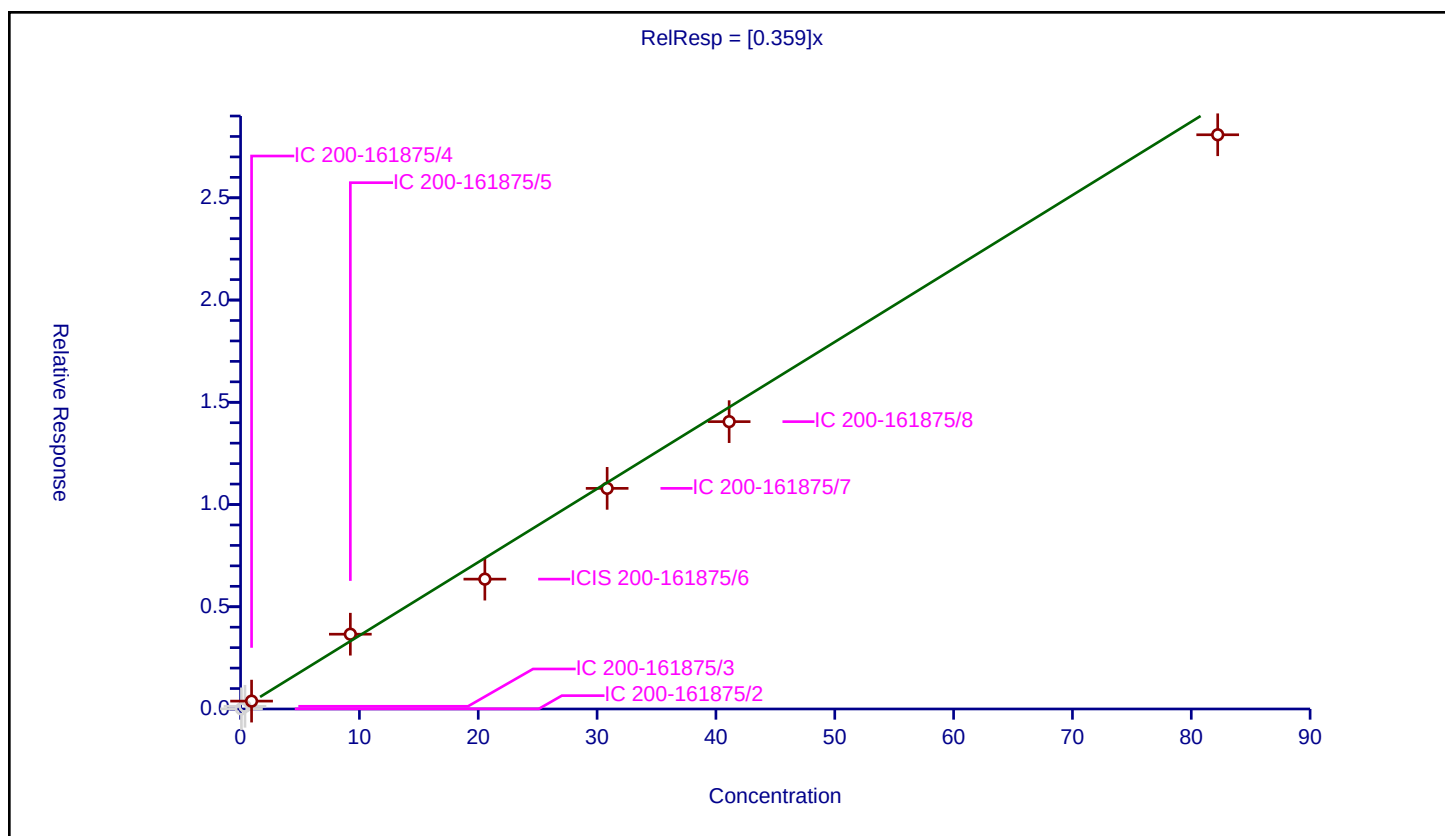
## Curve Coefficients

Intercept: 0  
 Slope: 0.359

## Error Coefficients

Standard Error: 1120000  
 Relative Standard Error: 11.0  
 Correlation Coefficient: 0.999  
 Coefficient of Determination (Adjusted): 0.986

| ID | Level             | Concentration | Rel. Resp. | IS Amount | IS Response | RRF      | Used |
|----|-------------------|---------------|------------|-----------|-------------|----------|------|
| 1  | IC 200-161875/2   | 0.072118      | 0.006918   | 10.0      | 792138.0    | 0.095926 | N    |
| 2  | IC 200-161875/3   | 0.370415      | 0.132366   | 10.0      | 747094.0    | 0.357346 | N    |
| 3  | IC 200-161875/4   | 0.926037      | 0.385149   | 10.0      | 670831.0    | 0.415911 | Y    |
| 4  | IC 200-161875/5   | 9.238238      | 3.657362   | 10.0      | 661638.0    | 0.395894 | Y    |
| 5  | ICIS 200-161875/6 | 20.556011     | 6.350009   | 10.0      | 776158.0    | 0.308912 | Y    |
| 6  | IC 200-161875/7   | 30.847313     | 10.790066  | 10.0      | 749545.0    | 0.349789 | Y    |
| 7  | IC 200-161875/8   | 41.112022     | 14.053216  | 10.0      | 728535.0    | 0.341827 | Y    |
| 8  | IC 200-161875/9   | 82.224044     | 28.083131  | 10.0      | 740374.0    | 0.341544 | Y    |



## Calibration

/ n-Nonane

Curve Type: Average  
Weighting: Conc\_Sq  
Origin: Force  
Dependency: Response  
Calib Mode: ISTD  
Response Base: AREA  
RF Rounding: 0

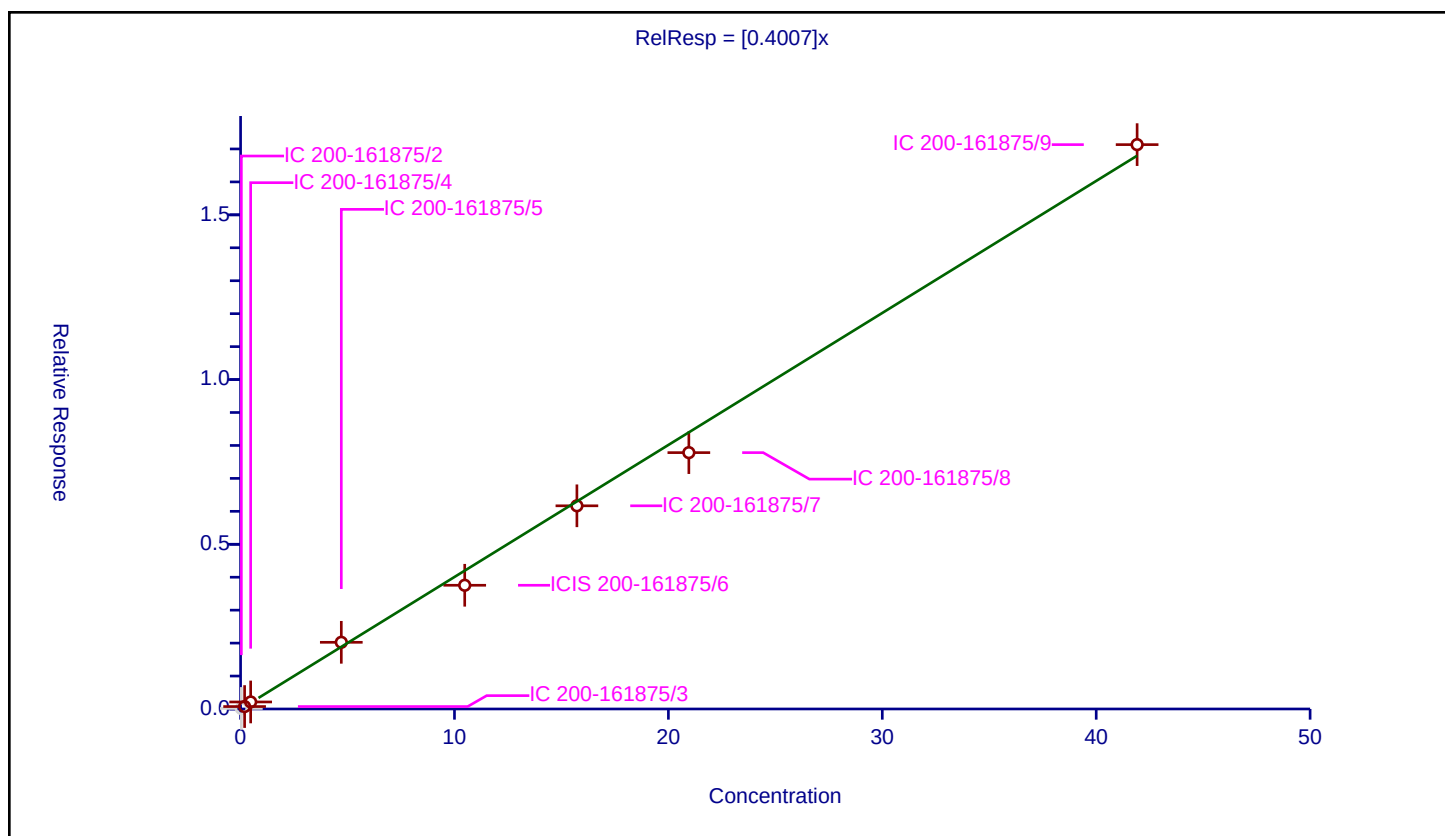
## Curve Coefficients

Intercept: 0  
Slope: 0.4007

## Error Coefficients

Standard Error: 612000  
Relative Standard Error: 8.2  
Correlation Coefficient: 0.997  
Coefficient of Determination (Adjusted): 0.992

| ID | Level             | Concentration | Rel. Resp. | IS Amount | IS Response | RRF      | Used |
|----|-------------------|---------------|------------|-----------|-------------|----------|------|
| 1  | IC 200-161875/2   | 0.036761      | 0.016386   | 10.0      | 792138.0    | 0.445749 | N    |
| 2  | IC 200-161875/3   | 0.188811      | 0.07398    | 10.0      | 747094.0    | 0.391821 | Y    |
| 3  | IC 200-161875/4   | 0.472027      | 0.21366    | 10.0      | 670831.0    | 0.452644 | Y    |
| 4  | IC 200-161875/5   | 4.708985      | 2.024052   | 10.0      | 661638.0    | 0.429828 | Y    |
| 5  | ICIS 200-161875/6 | 10.477967     | 3.755318   | 10.0      | 776158.0    | 0.358401 | Y    |
| 6  | IC 200-161875/7   | 15.723728     | 6.167955   | 10.0      | 749545.0    | 0.392271 | Y    |
| 7  | IC 200-161875/8   | 20.955934     | 7.782138   | 10.0      | 728535.0    | 0.371357 | Y    |
| 8  | IC 200-161875/9   | 41.911867     | 17.13118   | 10.0      | 740374.0    | 0.408743 | Y    |



## Calibration

/ o-Xylene

Curve Type: Average  
Weighting: Conc\_Sq  
Origin: Force  
Dependency: Response  
Calib Mode: ISTD  
Response Base: AREA  
RF Rounding: 0

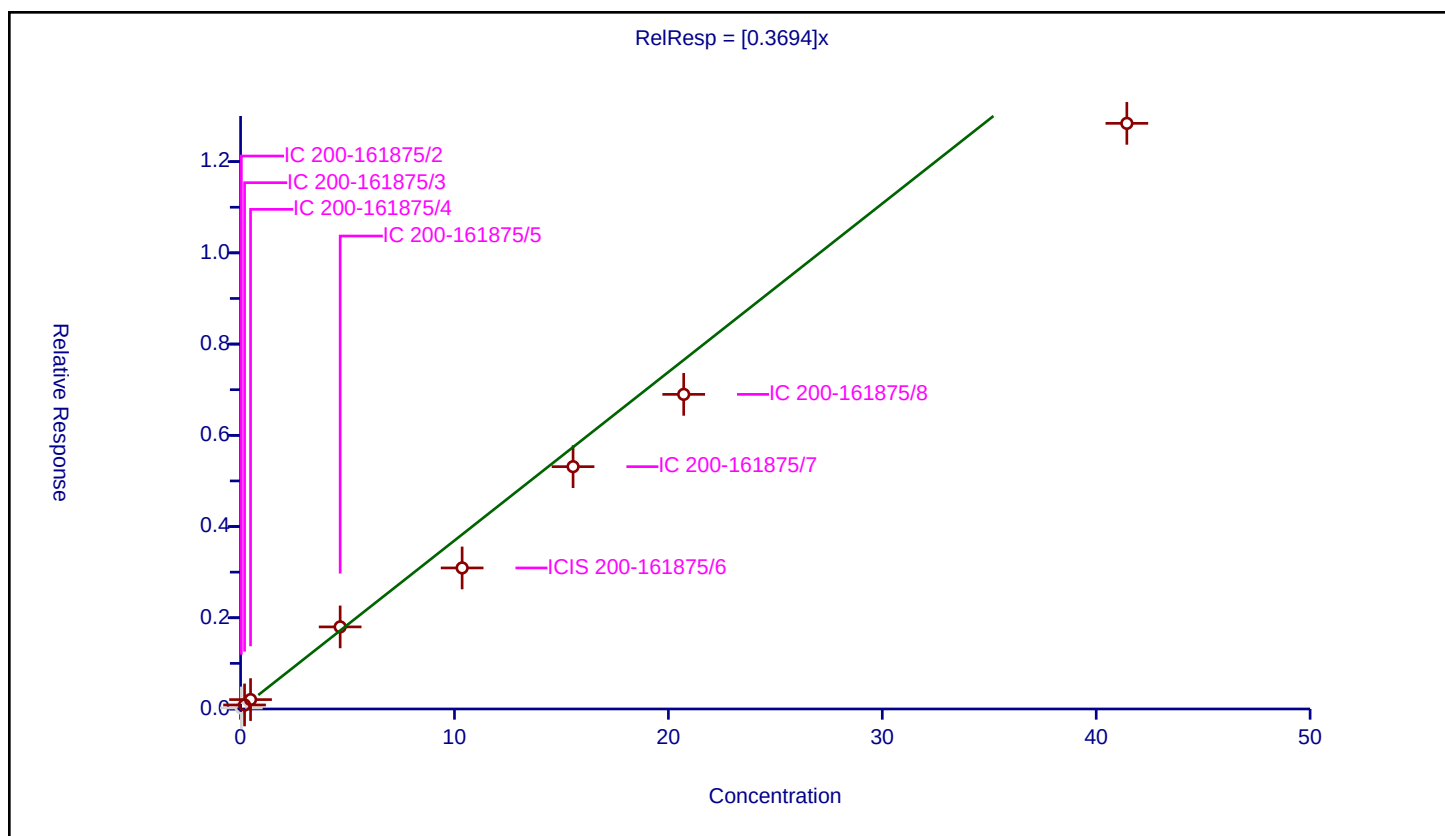
## Curve Coefficients

Intercept: 0  
Slope: 0.3694

## Error Coefficients

Standard Error: 481000  
Relative Standard Error: 18.2  
Correlation Coefficient: 0.998  
Coefficient of Determination (Adjusted): 0.954

| ID | Level             | Concentration | Rel. Resp. | IS Amount | IS Response | RRF      | Used |
|----|-------------------|---------------|------------|-----------|-------------|----------|------|
| 1  | IC 200-161875/2   | 0.03634       | 0.022799   | 10.0      | 792138.0    | 0.627387 | N    |
| 2  | IC 200-161875/3   | 0.186649      | 0.088503   | 10.0      | 747094.0    | 0.474168 | Y    |
| 3  | IC 200-161875/4   | 0.466622      | 0.205998   | 10.0      | 670831.0    | 0.441467 | Y    |
| 4  | IC 200-161875/5   | 4.655066      | 1.799776   | 10.0      | 661638.0    | 0.386627 | Y    |
| 5  | ICIS 200-161875/6 | 10.35799      | 3.09245    | 10.0      | 776158.0    | 0.298557 | Y    |
| 6  | IC 200-161875/7   | 15.543685     | 5.312836   | 10.0      | 749545.0    | 0.3418   | Y    |
| 7  | IC 200-161875/8   | 20.71598      | 6.8975     | 10.0      | 728535.0    | 0.332956 | Y    |
| 8  | IC 200-161875/9   | 41.43196      | 12.838944  | 10.0      | 740374.0    | 0.30988  | Y    |



## Calibration

/ Styrene

Curve Type: Average  
Weighting: Conc\_Sq  
Origin: Force  
Dependency: Response  
Calib Mode: ISTD  
Response Base: AREA  
RF Rounding: 0

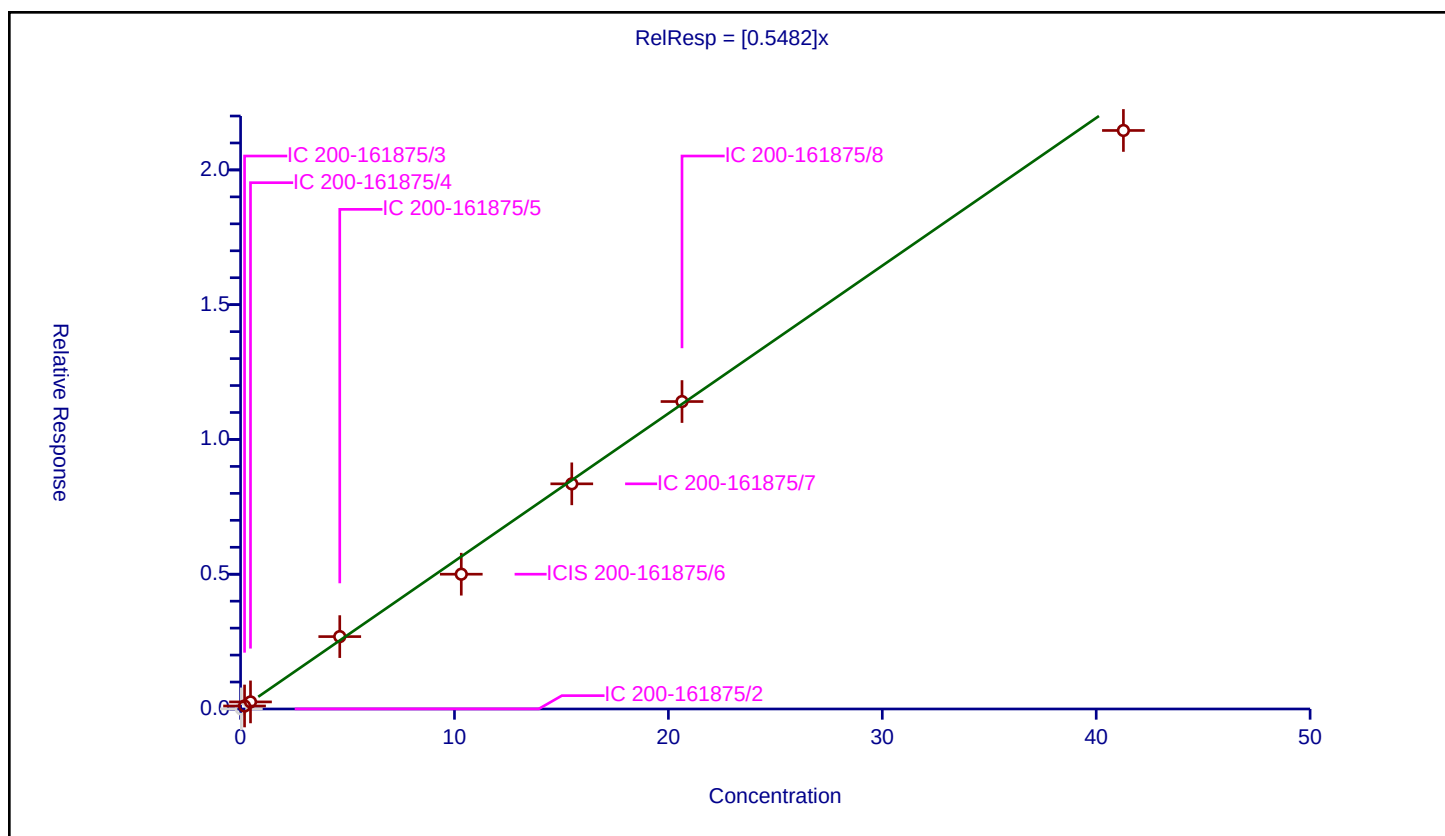
## Curve Coefficients

Intercept: 0  
Slope: 0.5482

## Error Coefficients

Standard Error: 795000  
Relative Standard Error: 6.9  
Correlation Coefficient: 0.999  
Coefficient of Determination (Adjusted): 0.994

| ID | Level             | Concentration | Rel. Resp. | IS Amount | IS Response | RRF      | Used |
|----|-------------------|---------------|------------|-----------|-------------|----------|------|
| 1  | IC 200-161875/2   | 0.036199      | 0.003434   | 10.0      | 792138.0    | 0.094856 | N    |
| 2  | IC 200-161875/3   | 0.185928      | 0.110923   | 10.0      | 747094.0    | 0.596591 | Y    |
| 3  | IC 200-161875/4   | 0.46482       | 0.26254    | 10.0      | 670831.0    | 0.56482  | Y    |
| 4  | IC 200-161875/5   | 4.637092      | 2.685895   | 10.0      | 661638.0    | 0.57922  | Y    |
| 5  | ICIS 200-161875/6 | 10.317998     | 5.000941   | 10.0      | 776158.0    | 0.484681 | Y    |
| 6  | IC 200-161875/7   | 15.483671     | 8.353855   | 10.0      | 749545.0    | 0.539527 | Y    |
| 7  | IC 200-161875/8   | 20.635996     | 11.407139  | 10.0      | 728535.0    | 0.552779 | Y    |
| 8  | IC 200-161875/9   | 41.271991     | 21.463544  | 10.0      | 740374.0    | 0.520051 | Y    |



# Calibration

/ Bromoform

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

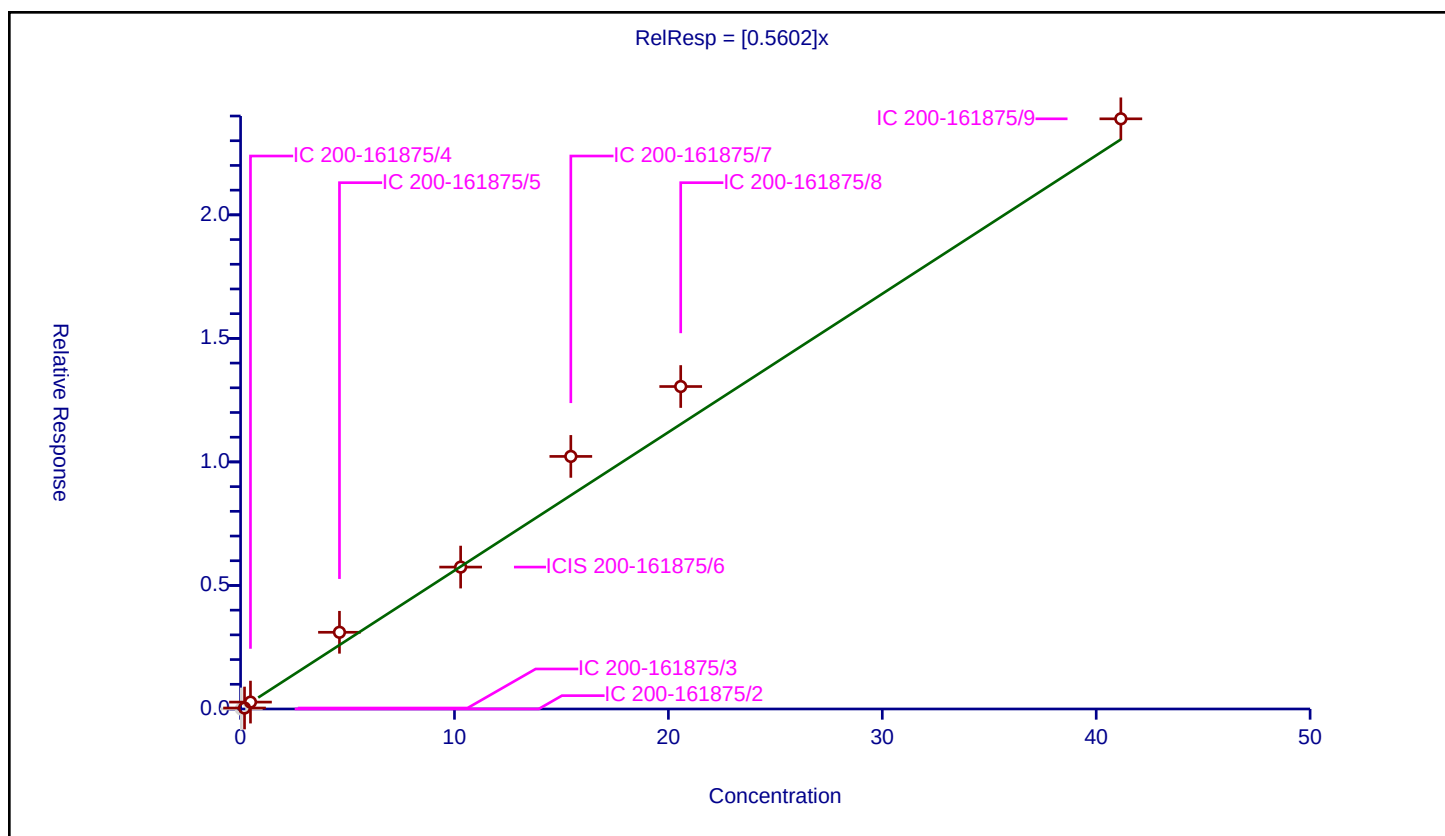
## Curve Coefficients

Intercept: 0  
 Slope: 0.5602

## Error Coefficients

Standard Error: 900000  
 Relative Standard Error: 28.3  
 Correlation Coefficient: 0.996  
 Coefficient of Determination (Adjusted): 0.929

| ID | Level             | Concentration | Rel. Resp. | IS Amount | IS Response | RRF      | Used |
|----|-------------------|---------------|------------|-----------|-------------|----------|------|
| 1  | IC 200-161875/2   | 0.036094      | 0.002146   | 10.0      | 792138.0    | 0.059458 | N    |
| 2  | IC 200-161875/3   | 0.185388      | 0.039593   | 10.0      | 747094.0    | 0.213571 | Y    |
| 3  | IC 200-161875/4   | 0.463469      | 0.27858    | 10.0      | 670831.0    | 0.601075 | Y    |
| 4  | IC 200-161875/5   | 4.623612      | 3.104402   | 10.0      | 661638.0    | 0.671423 | Y    |
| 5  | ICIS 200-161875/6 | 10.288004     | 5.743199   | 10.0      | 776158.0    | 0.558242 | Y    |
| 6  | IC 200-161875/7   | 15.43866      | 10.222322  | 10.0      | 749545.0    | 0.662125 | Y    |
| 7  | IC 200-161875/8   | 20.576007     | 13.051823  | 10.0      | 728535.0    | 0.634322 | Y    |
| 8  | IC 200-161875/9   | 41.152014     | 23.886198  | 10.0      | 740374.0    | 0.580438 | Y    |



# Calibration

/ Isopropylbenzene

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

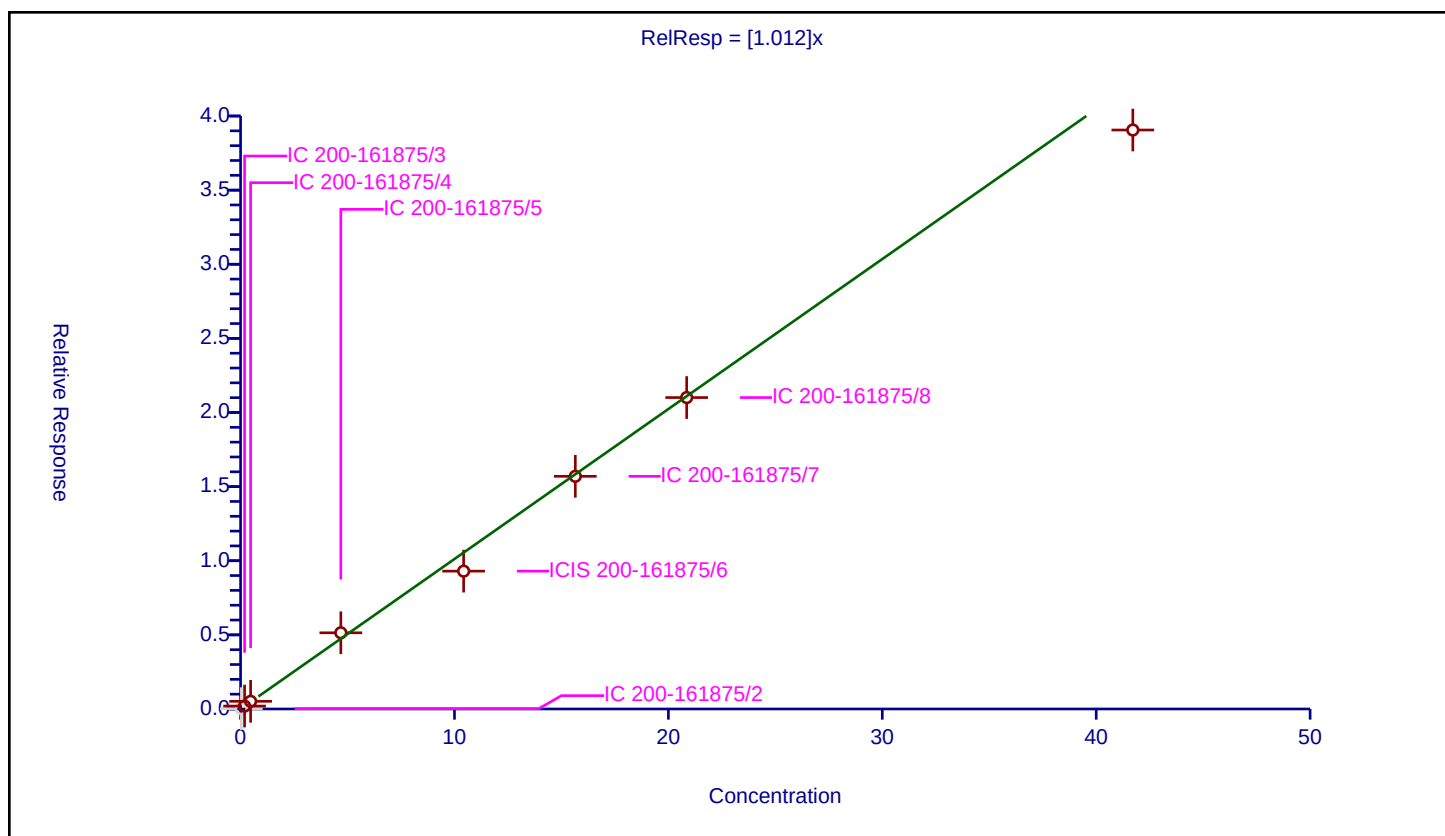
## Curve Coefficients

Intercept: 0  
 Slope: 1.012

## Error Coefficients

Standard Error: 1460000  
 Relative Standard Error: 7.7  
 Correlation Coefficient: 0.998  
 Coefficient of Determination (Adjusted): 0.993

| ID | Level             | Concentration | Rel. Resp. | IS Amount | IS Response | RRF      | Used |
|----|-------------------|---------------|------------|-----------|-------------|----------|------|
| 1  | IC 200-161875/2   | 0.036585      | 0.022155   | 10.0      | 792138.0    | 0.605578 | N    |
| 2  | IC 200-161875/3   | 0.18791       | 0.196173   | 10.0      | 747094.0    | 1.043976 | Y    |
| 3  | IC 200-161875/4   | 0.469775      | 0.517984   | 10.0      | 670831.0    | 1.102623 | Y    |
| 4  | IC 200-161875/5   | 4.686519      | 5.14059    | 10.0      | 661638.0    | 1.096889 | Y    |
| 5  | ICIS 200-161875/6 | 10.427976     | 9.299241   | 10.0      | 776158.0    | 0.891759 | Y    |
| 6  | IC 200-161875/7   | 15.64871      | 15.695535  | 10.0      | 749545.0    | 1.002992 | Y    |
| 7  | IC 200-161875/8   | 20.855953     | 21.008188  | 10.0      | 728535.0    | 1.007299 | Y    |
| 8  | IC 200-161875/9   | 41.711906     | 39.056301  | 10.0      | 740374.0    | 0.936335 | 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

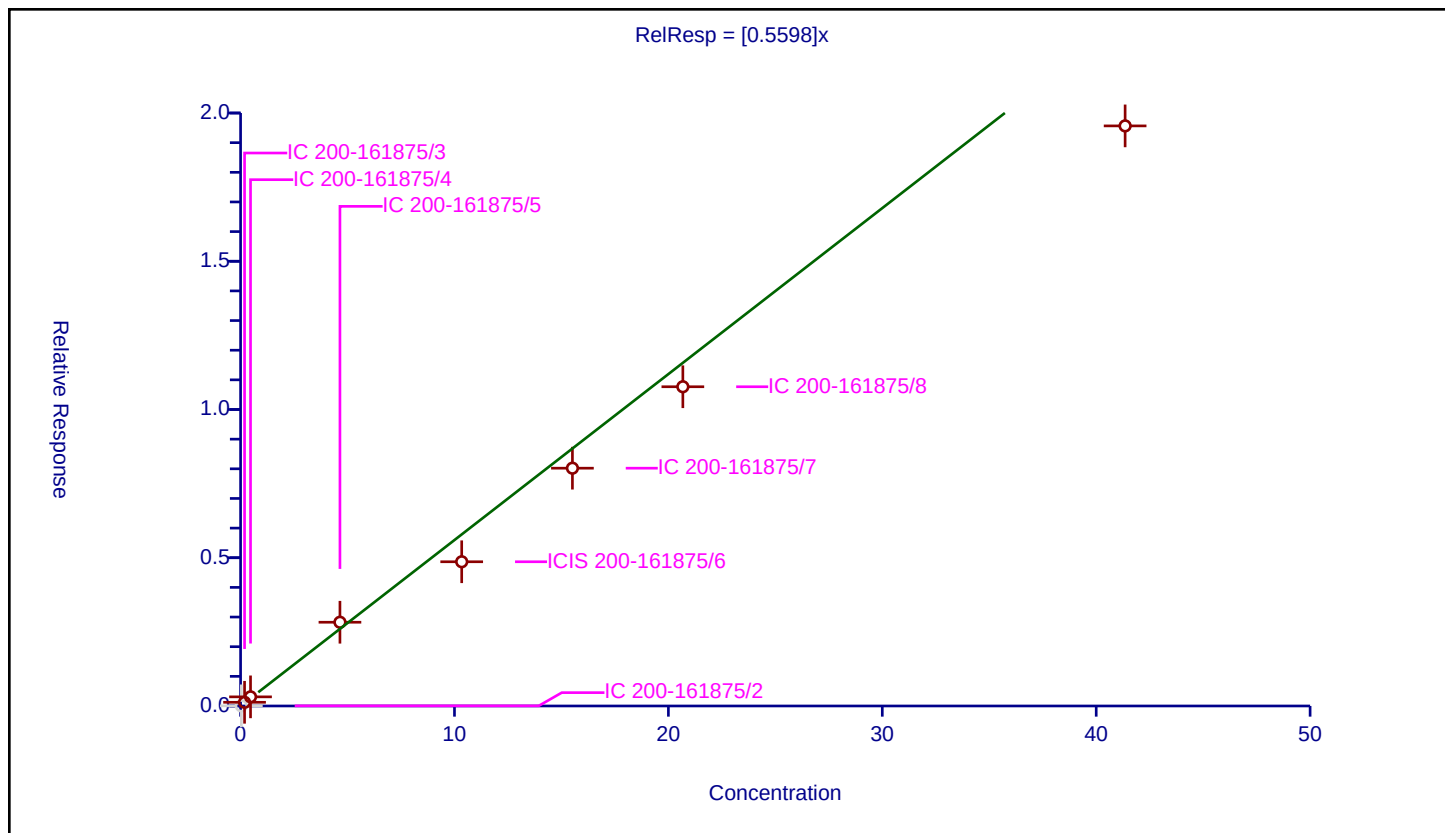
## Curve Coefficients

Intercept: 0  
 Slope: 0.5598

## Error Coefficients

Standard Error: 736000  
 Relative Standard Error: 15.1  
 Correlation Coefficient: 0.998  
 Coefficient of Determination (Adjusted): 0.970

| ID | Level             | Concentration | Rel. Resp. | IS Amount | IS Response | RRF      | Used |
|----|-------------------|---------------|------------|-----------|-------------|----------|------|
| 1  | IC 200-161875/2   | 0.03627       | 0.004721   | 10.0      | 792138.0    | 0.130175 | N    |
| 2  | IC 200-161875/3   | 0.186288      | 0.124308   | 10.0      | 747094.0    | 0.667289 | Y    |
| 3  | IC 200-161875/4   | 0.465721      | 0.308125   | 10.0      | 670831.0    | 0.661609 | Y    |
| 4  | IC 200-161875/5   | 4.646079      | 2.824218   | 10.0      | 661638.0    | 0.607871 | Y    |
| 5  | ICIS 200-161875/6 | 10.337994     | 4.864808   | 10.0      | 776158.0    | 0.470576 | Y    |
| 6  | IC 200-161875/7   | 15.513678     | 8.020786   | 10.0      | 749545.0    | 0.517014 | Y    |
| 7  | IC 200-161875/8   | 20.675988     | 10.767458  | 10.0      | 728535.0    | 0.520771 | Y    |
| 8  | IC 200-161875/9   | 41.351976     | 19.56549   | 10.0      | 740374.0    | 0.473145 | 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

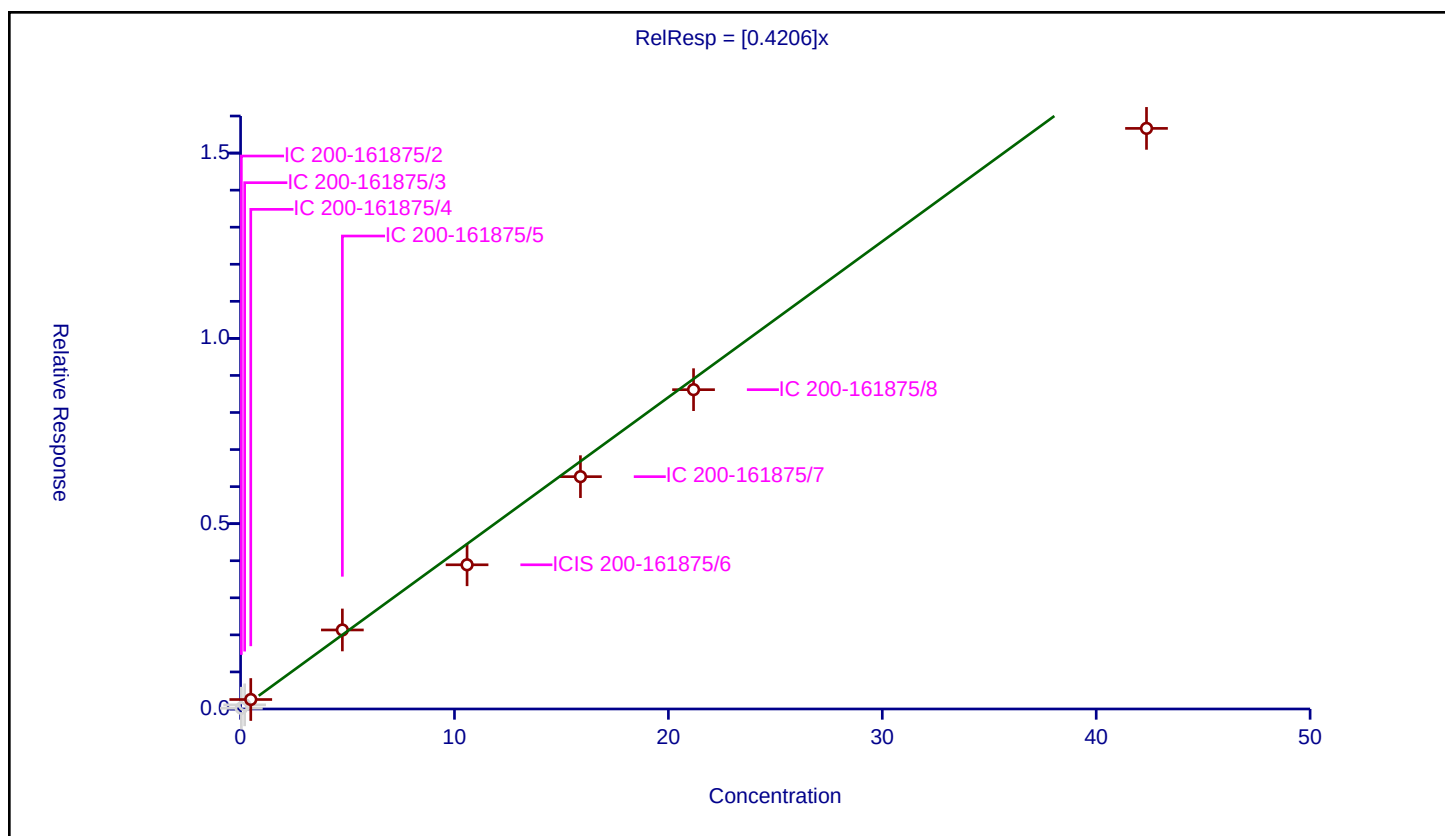
## Curve Coefficients

Intercept: 0  
 Slope: 0.4206

## Error Coefficients

Standard Error: 644000  
 Relative Standard Error: 15.2  
 Correlation Coefficient: 0.998  
 Coefficient of Determination (Adjusted): 0.971

| ID | Level             | Concentration | Rel. Resp. | IS Amount | IS Response | RRF      | Used |
|----|-------------------|---------------|------------|-----------|-------------|----------|------|
| 1  | IC 200-161875/2   | 0.037146      | 0.021335   | 10.0      | 792138.0    | 0.574339 | N    |
| 2  | IC 200-161875/3   | 0.190793      | 0.111592   | 10.0      | 747094.0    | 0.584889 | N    |
| 3  | IC 200-161875/4   | 0.476981      | 0.255877   | 10.0      | 670831.0    | 0.53645  | Y    |
| 4  | IC 200-161875/5   | 4.758412      | 2.132118   | 10.0      | 661638.0    | 0.448073 | Y    |
| 5  | ICIS 200-161875/6 | 10.587945     | 3.891192   | 10.0      | 776158.0    | 0.367512 | Y    |
| 6  | IC 200-161875/7   | 15.888767     | 6.26927    | 10.0      | 749545.0    | 0.394572 | Y    |
| 7  | IC 200-161875/8   | 21.175891     | 8.616278   | 10.0      | 728535.0    | 0.406891 | Y    |
| 8  | IC 200-161875/9   | 42.351782     | 15.666015  | 10.0      | 740374.0    | 0.369902 | Y    |



## Calibration

/ N-Propylbenzene

Curve Type: Average  
Weighting: Conc\_Sq  
Origin: Force  
Dependency: Response  
Calib Mode: ISTD  
Response Base: AREA  
RF Rounding: 0

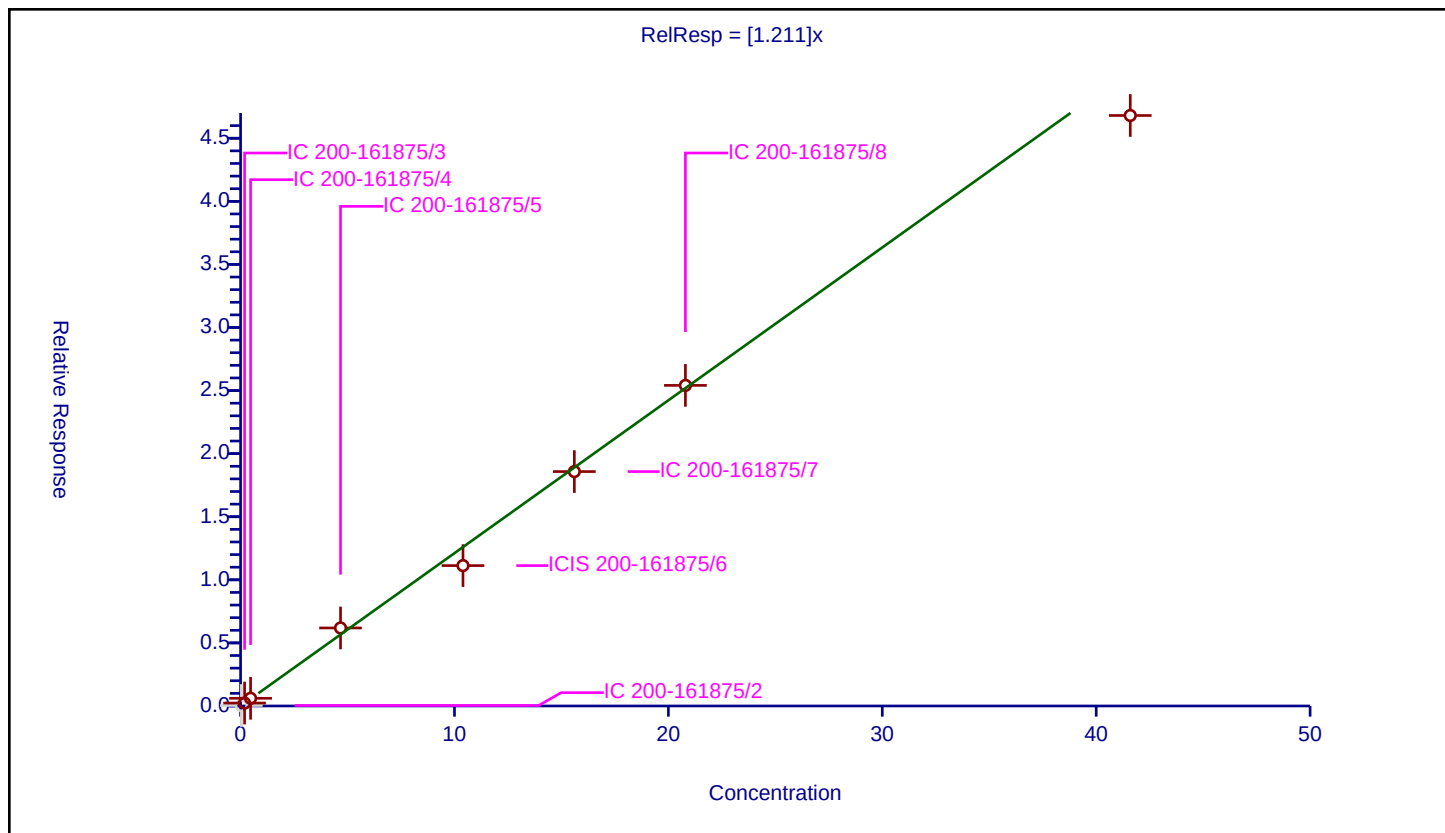
## Curve Coefficients

Intercept: 0  
Slope: 1.211

## Error Coefficients

Standard Error: 1750000  
Relative Standard Error: 7.5  
Correlation Coefficient: 0.998  
Coefficient of Determination (Adjusted): 0.993

| ID | Level             | Concentration | Rel. Resp. | IS Amount | IS Response | RRF      | Used |
|----|-------------------|---------------|------------|-----------|-------------|----------|------|
| 1  | IC 200-161875/2   | 0.03648       | 0.038074   | 10.0      | 792138.0    | 1.043699 | N    |
| 2  | IC 200-161875/3   | 0.187369      | 0.233572   | 10.0      | 747094.0    | 1.246584 | Y    |
| 3  | IC 200-161875/4   | 0.468424      | 0.610005   | 10.0      | 670831.0    | 1.30225  | Y    |
| 4  | IC 200-161875/5   | 4.673039      | 6.182943   | 10.0      | 661638.0    | 1.32311  | Y    |
| 5  | ICIS 200-161875/6 | 10.397982     | 11.127335  | 10.0      | 776158.0    | 1.070144 | Y    |
| 6  | IC 200-161875/7   | 15.603699     | 18.579685  | 10.0      | 749545.0    | 1.190723 | Y    |
| 7  | IC 200-161875/8   | 20.795965     | 25.411998  | 10.0      | 728535.0    | 1.221968 | Y    |
| 8  | IC 200-161875/9   | 41.591929     | 46.80344   | 10.0      | 740374.0    | 1.125301 | Y    |



## Calibration

/ 2-Chlorotoluene

Curve Type: Average  
Weighting: Conc\_Sq  
Origin: Force  
Dependency: Response  
Calib Mode: ISTD  
Response Base: AREA  
RF Rounding: 0

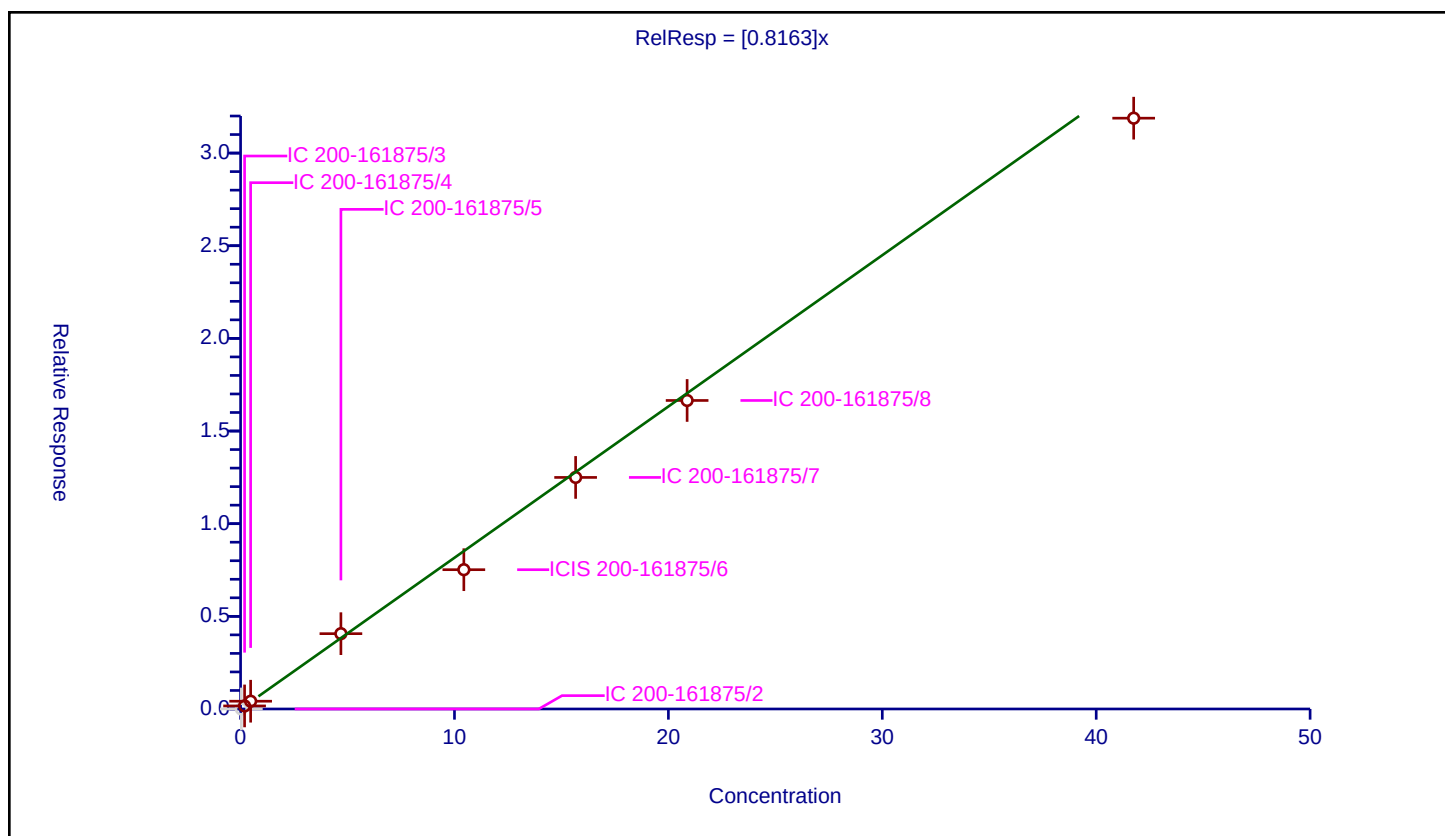
## Curve Coefficients

Intercept: 0  
Slope: 0.8163

## Error Coefficients

Standard Error: 1180000  
Relative Standard Error: 7.9  
Correlation Coefficient: 0.999  
Coefficient of Determination (Adjusted): 0.992

| ID | Level             | Concentration | Rel. Resp. | IS Amount | IS Response | RRF      | Used |
|----|-------------------|---------------|------------|-----------|-------------|----------|------|
| 1  | IC 200-161875/2   | 0.03662       | 0.0        | 10.0      | 792138.0    | 0.0      | N    |
| 2  | IC 200-161875/3   | 0.18809       | 0.164598   | 10.0      | 747094.0    | 0.875101 | Y    |
| 3  | IC 200-161875/4   | 0.470225      | 0.420151   | 10.0      | 670831.0    | 0.893509 | Y    |
| 4  | IC 200-161875/5   | 4.691012      | 4.064458   | 10.0      | 661638.0    | 0.866435 | Y    |
| 5  | ICIS 200-161875/6 | 10.437975     | 7.516575   | 10.0      | 776158.0    | 0.720118 | Y    |
| 6  | IC 200-161875/7   | 15.663713     | 12.495674  | 10.0      | 749545.0    | 0.797747 | Y    |
| 7  | IC 200-161875/8   | 20.875949     | 16.648754  | 10.0      | 728535.0    | 0.797509 | Y    |
| 8  | IC 200-161875/9   | 41.751898     | 31.88294   | 10.0      | 740374.0    | 0.763629 | Y    |



## Calibration

## / 4-Ethyltoluene

Curve Type: Average  
Weighting: Conc\_Sq  
Origin: Force  
Dependency: Response  
Calib Mode: ISTD  
Response Base: AREA  
RF Rounding: 0

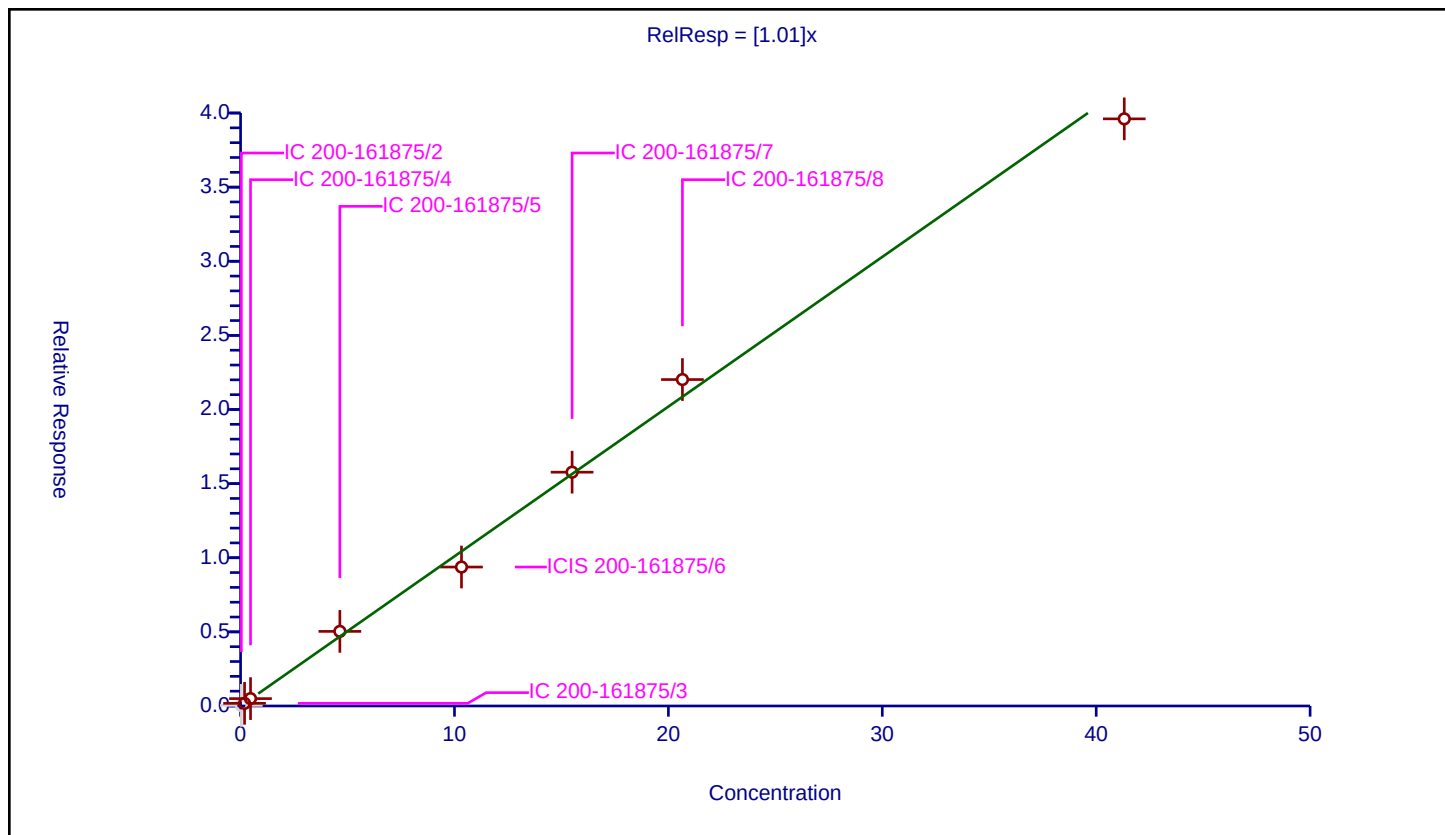
## Curve Coefficients

Intercept: 0  
Slope: 1.01

## Error Coefficients

Standard Error: 1480000  
Relative Standard Error: 6.7  
Correlation Coefficient: 0.997  
Coefficient of Determination (Adjusted): 0.995

| ID | Level             | Concentration | Rel. Resp. | IS Amount | IS Response | RRF      | Used |
|----|-------------------|---------------|------------|-----------|-------------|----------|------|
| 1  | IC 200-161875/2   | 0.036234      | 0.039816   | 10.0      | 792138.0    | 1.098851 | N    |
| 2  | IC 200-161875/3   | 0.186108      | 0.179362   | 10.0      | 747094.0    | 0.963749 | Y    |
| 3  | IC 200-161875/4   | 0.465271      | 0.498143   | 10.0      | 670831.0    | 1.070653 | Y    |
| 4  | IC 200-161875/5   | 4.641586      | 5.032404   | 10.0      | 661638.0    | 1.084199 | Y    |
| 5  | ICIS 200-161875/6 | 10.327996     | 9.373336   | 10.0      | 776158.0    | 0.907566 | Y    |
| 6  | IC 200-161875/7   | 15.498674     | 15.770594  | 10.0      | 749545.0    | 1.017545 | Y    |
| 7  | IC 200-161875/8   | 20.655992     | 22.019766  | 10.0      | 728535.0    | 1.066023 | Y    |
| 8  | IC 200-161875/9   | 41.311983     | 39.605618  | 10.0      | 740374.0    | 0.958696 | 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

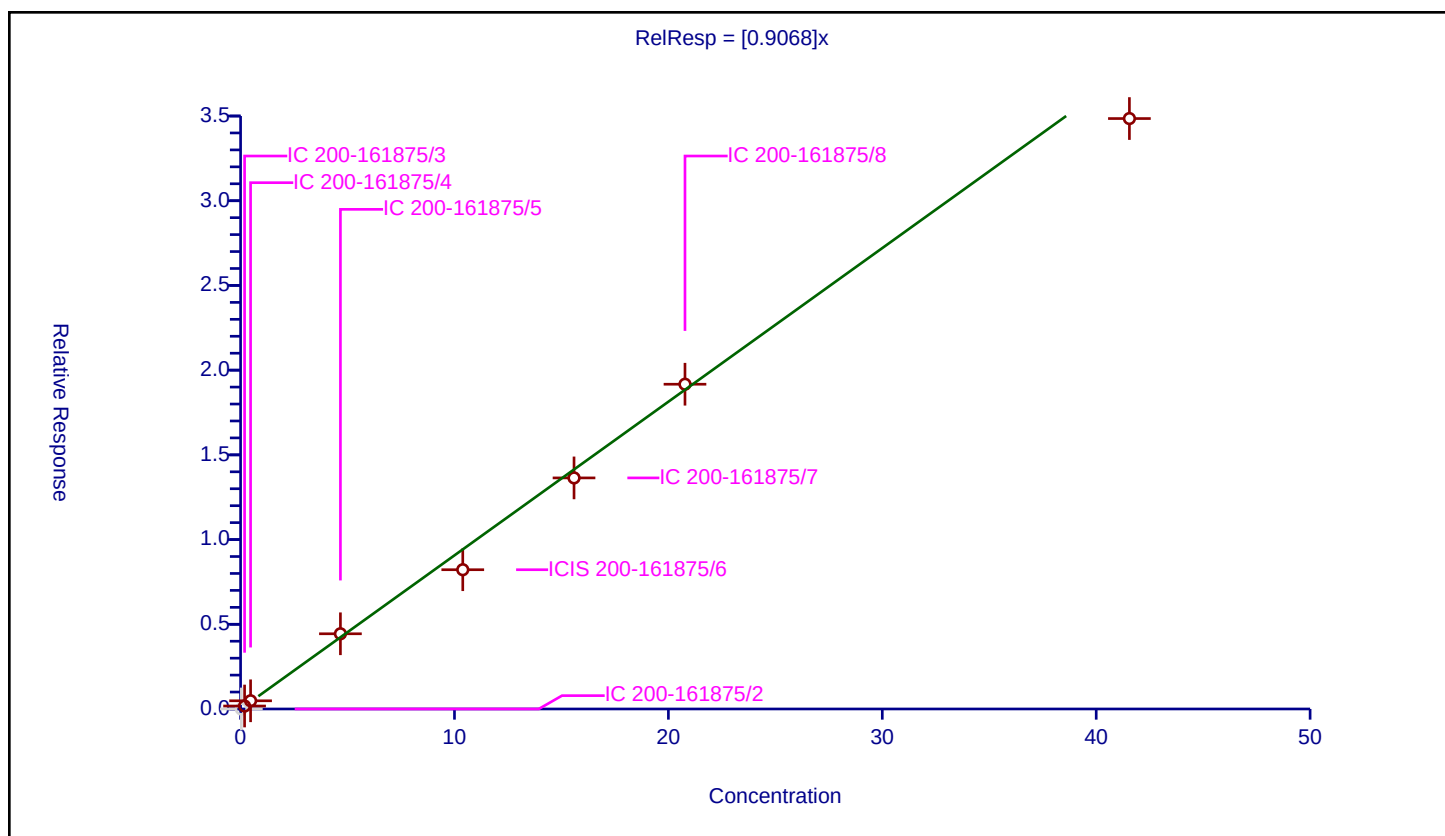
## Curve Coefficients

Intercept: 0  
Slope: 0.9068

## Error Coefficients

Standard Error: 1300000  
Relative Standard Error: 8.8  
Correlation Coefficient: 0.998  
Coefficient of Determination (Adjusted): 0.991

| ID | Level             | Concentration | Rel. Resp. | IS Amount | IS Response | RRF      | Used |
|----|-------------------|---------------|------------|-----------|-------------|----------|------|
| 1  | IC 200-161875/2   | 0.036445      | 0.0        | 10.0      | 792138.0    | 0.0      | N    |
| 2  | IC 200-161875/3   | 0.187189      | 0.174931   | 10.0      | 747094.0    | 0.934515 | Y    |
| 3  | IC 200-161875/4   | 0.467973      | 0.48428    | 10.0      | 670831.0    | 1.034845 | Y    |
| 4  | IC 200-161875/5   | 4.668546      | 4.439482   | 10.0      | 661638.0    | 0.950935 | Y    |
| 5  | ICIS 200-161875/6 | 10.387984     | 8.220143   | 10.0      | 776158.0    | 0.791313 | Y    |
| 6  | IC 200-161875/7   | 15.588696     | 13.639315  | 10.0      | 749545.0    | 0.874949 | Y    |
| 7  | IC 200-161875/8   | 20.775968     | 19.168413  | 10.0      | 728535.0    | 0.922624 | Y    |
| 8  | IC 200-161875/9   | 41.551937     | 34.849698  | 10.0      | 740374.0    | 0.838702 | Y    |



## Calibration

/ n-Decane

Curve Type: Average  
Weighting: Conc\_Sq  
Origin: Force  
Dependency: Response  
Calib Mode: ISTD  
Response Base: AREA  
RF Rounding: 0

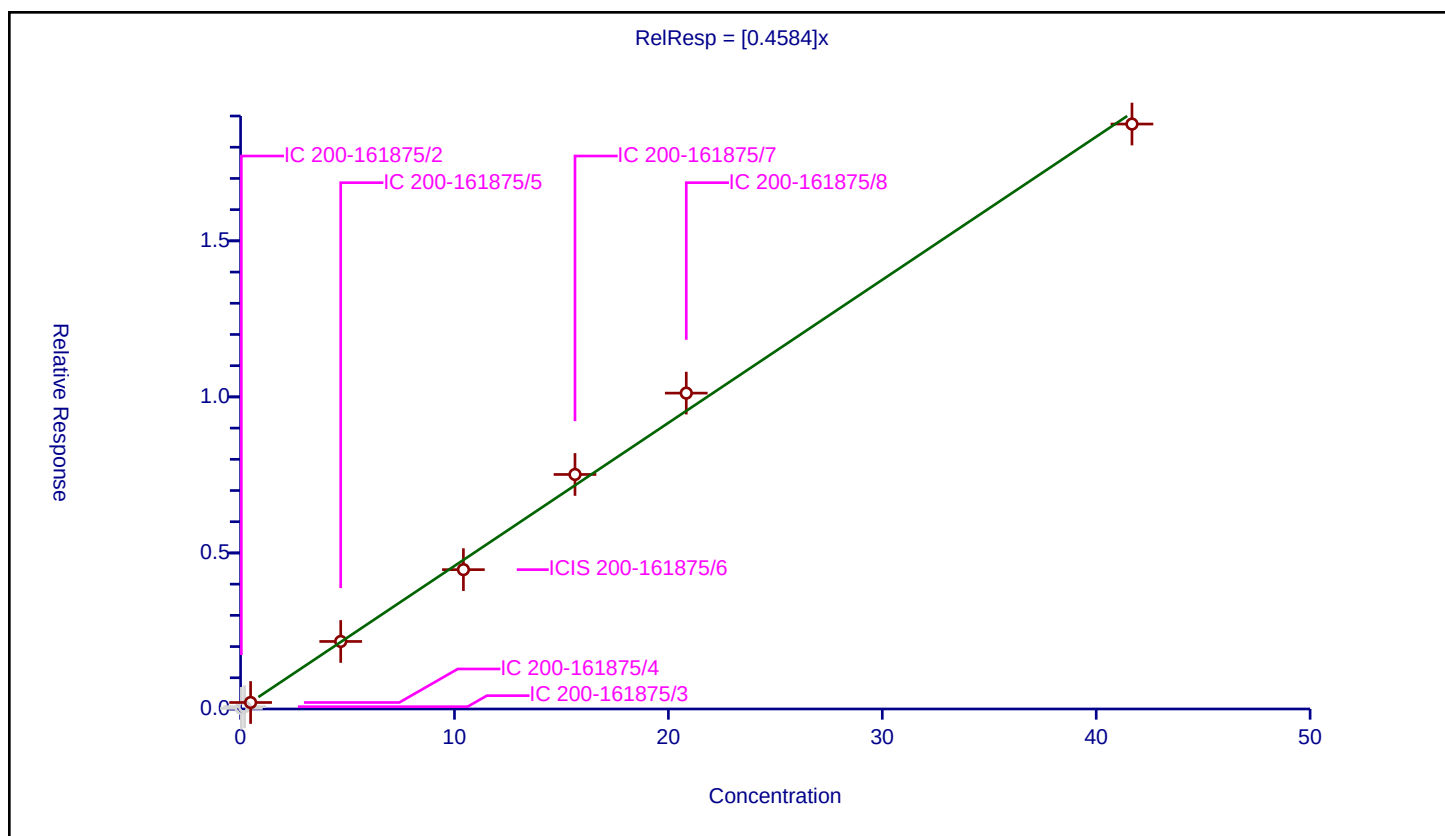
## Curve Coefficients

Intercept: 0  
Slope: 0.4584

## Error Coefficients

Standard Error: 765000  
Relative Standard Error: 4.8  
Correlation Coefficient: 0.998  
Coefficient of Determination (Adjusted): 0.997

| ID | Level             | Concentration | Rel. Resp. | IS Amount | IS Response | RRF      | Used |
|----|-------------------|---------------|------------|-----------|-------------|----------|------|
| 1  | IC 200-161875/2   | 0.03655       | 0.020792   | 10.0      | 792138.0    | 0.568857 | N    |
| 2  | IC 200-161875/3   | 0.18773       | 0.073699   | 10.0      | 747094.0    | 0.39258  | N    |
| 3  | IC 200-161875/4   | 0.469324      | 0.2081     | 10.0      | 670831.0    | 0.443404 | Y    |
| 4  | IC 200-161875/5   | 4.682025      | 2.164008   | 10.0      | 661638.0    | 0.462195 | Y    |
| 5  | ICIS 200-161875/6 | 10.417978     | 4.465251   | 10.0      | 776158.0    | 0.42861  | Y    |
| 6  | IC 200-161875/7   | 15.633706     | 7.514359   | 10.0      | 749545.0    | 0.480651 | Y    |
| 7  | IC 200-161875/8   | 20.835957     | 10.121545  | 10.0      | 728535.0    | 0.485773 | Y    |
| 8  | IC 200-161875/9   | 41.671914     | 18.743135  | 10.0      | 740374.0    | 0.449779 | Y    |



# Calibration

/ Alpha Methyl Styrene

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

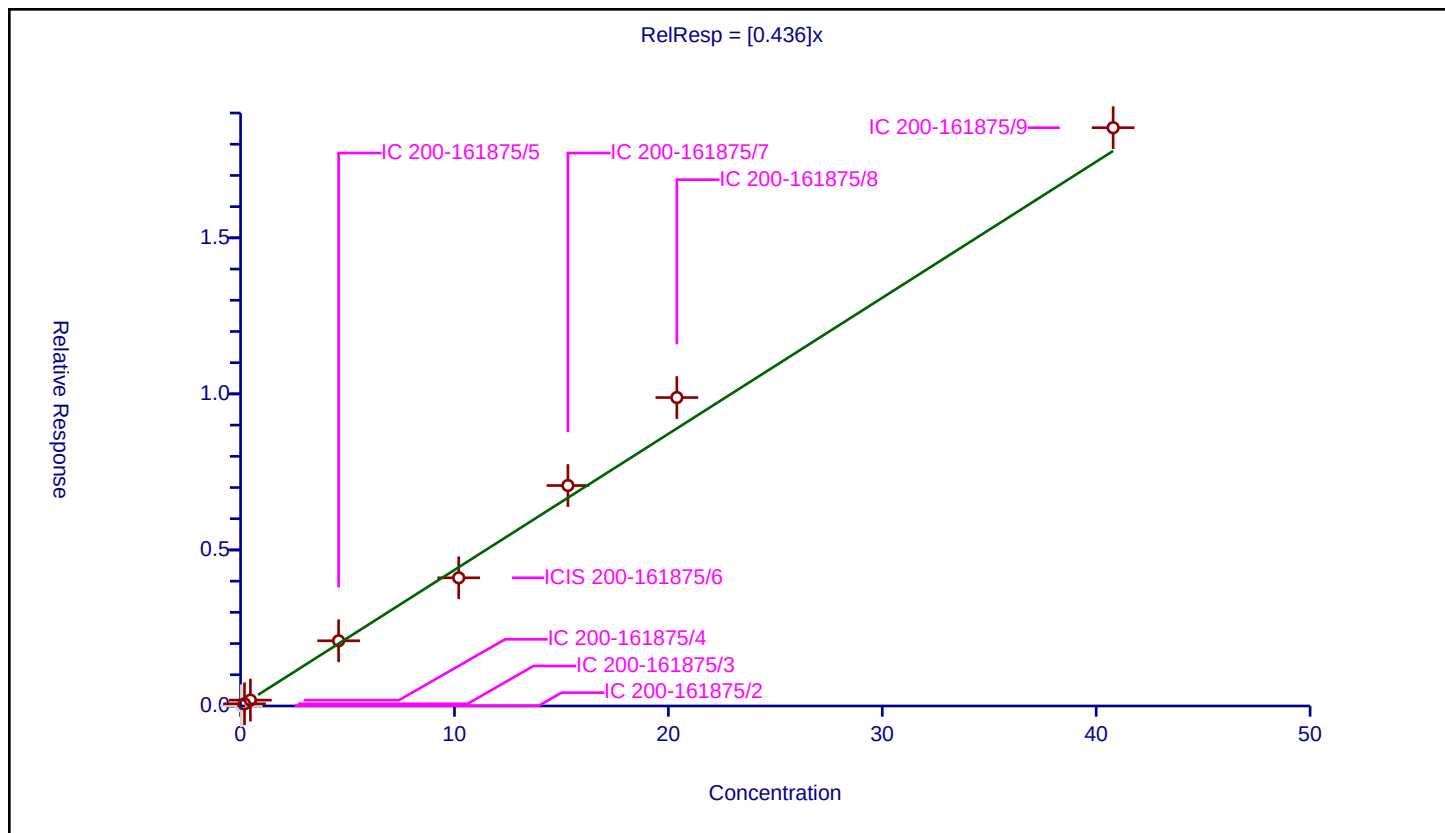
## Curve Coefficients

Intercept: 0  
 Slope: 0.436

## Error Coefficients

Standard Error: 683000  
 Relative Standard Error: 8.6  
 Correlation Coefficient: 0.999  
 Coefficient of Determination (Adjusted): 0.992

| ID | Level             | Concentration | Rel. Resp. | IS Amount | IS Response | RRF      | Used |
|----|-------------------|---------------|------------|-----------|-------------|----------|------|
| 1  | IC 200-161875/2   | 0.035778      | 0.007701   | 10.0      | 792138.0    | 0.215232 | N    |
| 2  | IC 200-161875/3   | 0.183766      | 0.070192   | 10.0      | 747094.0    | 0.381963 | Y    |
| 3  | IC 200-161875/4   | 0.459415      | 0.188811   | 10.0      | 670831.0    | 0.41098  | Y    |
| 4  | IC 200-161875/5   | 4.583173      | 2.089677   | 10.0      | 661638.0    | 0.455946 | Y    |
| 5  | ICIS 200-161875/6 | 10.198021     | 4.107218   | 10.0      | 776158.0    | 0.402747 | Y    |
| 6  | IC 200-161875/7   | 15.303628     | 7.064446   | 10.0      | 749545.0    | 0.461619 | Y    |
| 7  | IC 200-161875/8   | 20.396042     | 9.882792   | 10.0      | 728535.0    | 0.484545 | Y    |
| 8  | IC 200-161875/9   | 40.792084     | 18.529419  | 10.0      | 740374.0    | 0.454241 | Y    |





# Calibration

/ tert-Butylbenzene

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

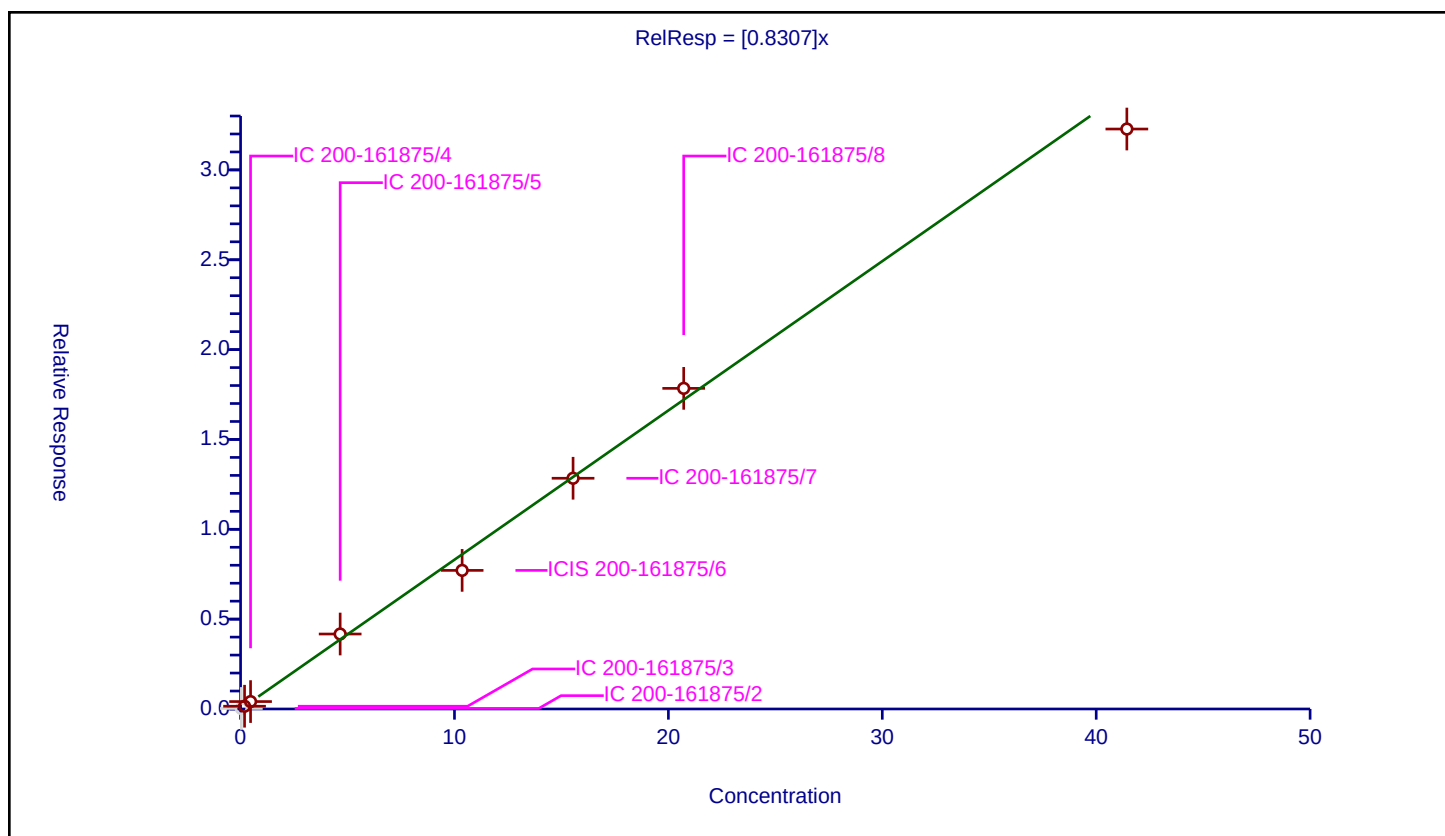
## Curve Coefficients

Intercept: 0  
 Slope: 0.8307

## Error Coefficients

Standard Error: 1210000  
 Relative Standard Error: 6.6  
 Correlation Coefficient: 0.998  
 Coefficient of Determination (Adjusted): 0.995

| ID | Level             | Concentration | Rel. Resp. | IS Amount | IS Response | RRF      | Used |
|----|-------------------|---------------|------------|-----------|-------------|----------|------|
| 1  | IC 200-161875/2   | 0.03634       | 0.02949    | 10.0      | 792138.0    | 0.811504 | N    |
| 2  | IC 200-161875/3   | 0.186649      | 0.153702   | 10.0      | 747094.0    | 0.823484 | Y    |
| 3  | IC 200-161875/4   | 0.466622      | 0.412563   | 10.0      | 670831.0    | 0.884148 | Y    |
| 4  | IC 200-161875/5   | 4.655066      | 4.171692   | 10.0      | 661638.0    | 0.896162 | Y    |
| 5  | ICIS 200-161875/6 | 10.35799      | 7.713597   | 10.0      | 776158.0    | 0.7447   | Y    |
| 6  | IC 200-161875/7   | 15.543685     | 12.841217  | 10.0      | 749545.0    | 0.826137 | Y    |
| 7  | IC 200-161875/8   | 20.71598      | 17.843947  | 10.0      | 728535.0    | 0.861361 | Y    |
| 8  | IC 200-161875/9   | 41.43196      | 32.275364  | 10.0      | 740374.0    | 0.778997 | 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

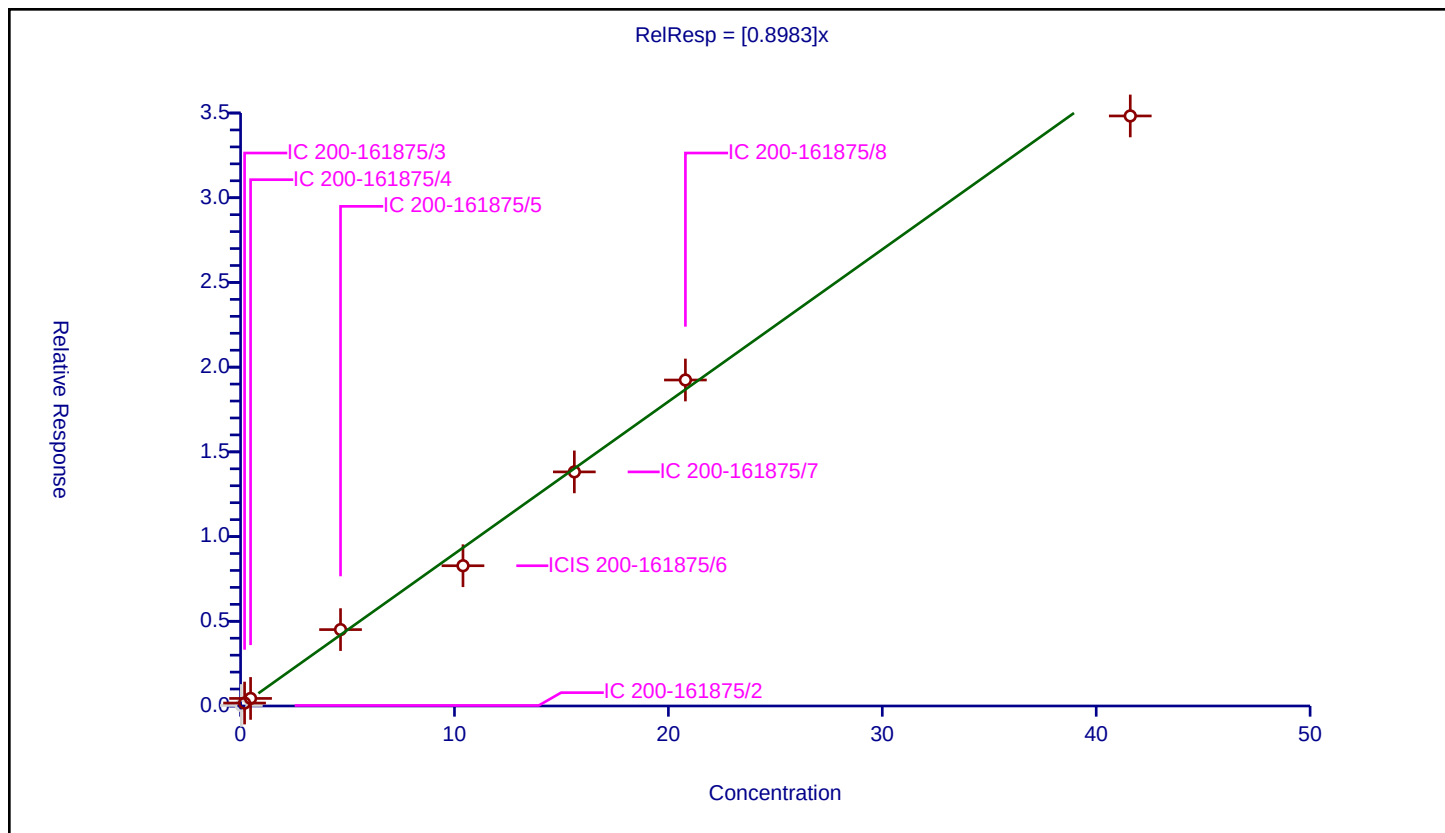
## Curve Coefficients

Intercept: 0  
 Slope: 0.8983

## Error Coefficients

Standard Error: 1300000  
 Relative Standard Error: 6.9  
 Correlation Coefficient: 0.998  
 Coefficient of Determination (Adjusted): 0.994

| ID | Level             | Concentration | Rel. Resp. | IS Amount | IS Response | RRF      | Used |
|----|-------------------|---------------|------------|-----------|-------------|----------|------|
| 1  | IC 200-161875/2   | 0.03648       | 0.03026    | 10.0      | 792138.0    | 0.829492 | N    |
| 2  | IC 200-161875/3   | 0.187369      | 0.173405   | 10.0      | 747094.0    | 0.925472 | Y    |
| 3  | IC 200-161875/4   | 0.468424      | 0.446744   | 10.0      | 670831.0    | 0.953719 | Y    |
| 4  | IC 200-161875/5   | 4.673039      | 4.508689   | 10.0      | 661638.0    | 0.96483  | Y    |
| 5  | ICIS 200-161875/6 | 10.397982     | 8.277748   | 10.0      | 776158.0    | 0.796092 | Y    |
| 6  | IC 200-161875/7   | 15.603699     | 13.817343  | 10.0      | 749545.0    | 0.885517 | Y    |
| 7  | IC 200-161875/8   | 20.795965     | 19.241601  | 10.0      | 728535.0    | 0.925256 | Y    |
| 8  | IC 200-161875/9   | 41.591929     | 34.827506  | 10.0      | 740374.0    | 0.837362 | Y    |



## Calibration

/ sec-Butylbenzene

Curve Type: Average  
Weighting: Conc\_Sq  
Origin: Force  
Dependency: Response  
Calib Mode: ISTD  
Response Base: AREA  
RF Rounding: 0

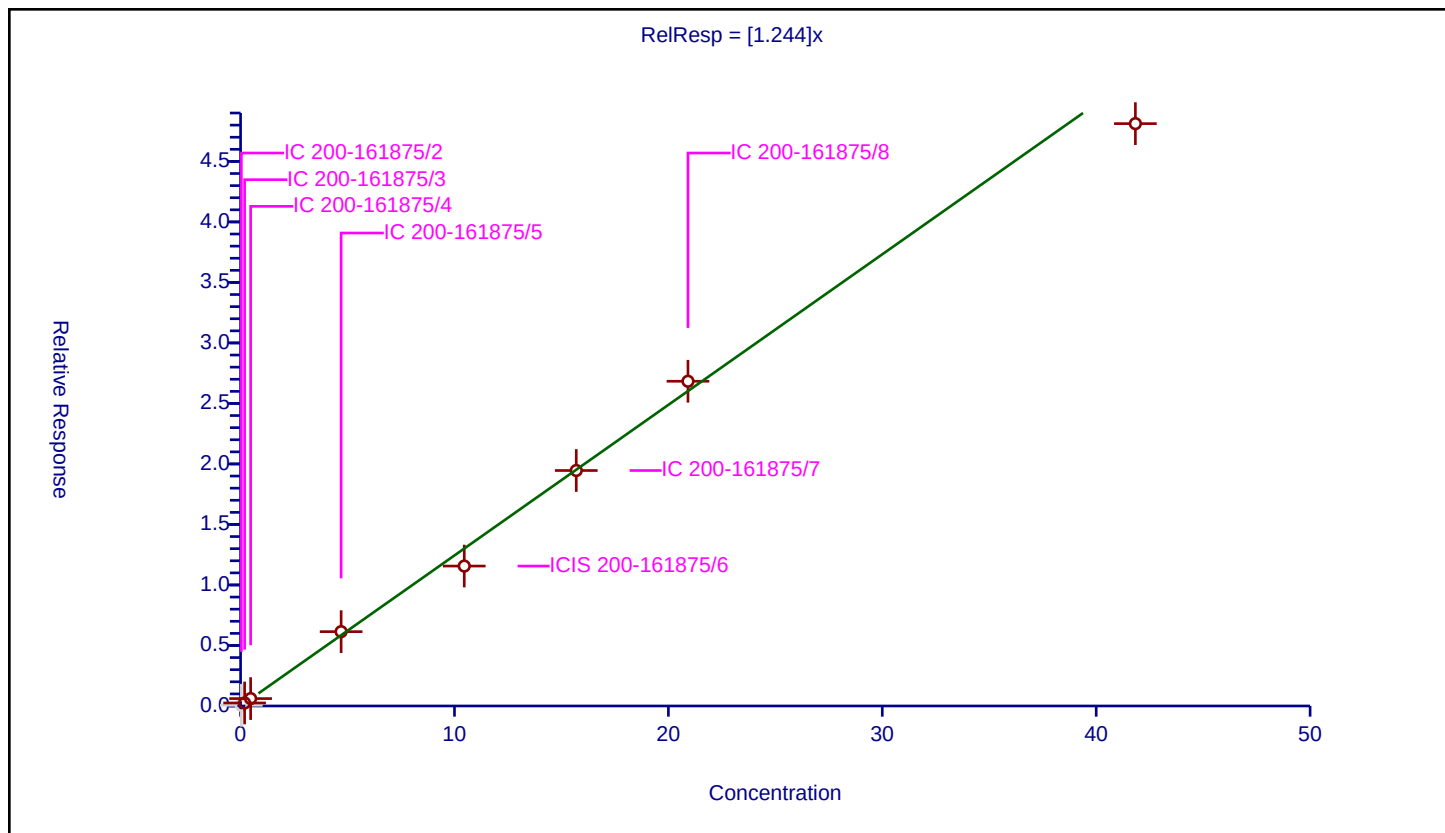
## Curve Coefficients

Intercept: 0  
Slope: 1.244

## Error Coefficients

Standard Error: 1810000  
Relative Standard Error: 6.8  
Correlation Coefficient: 0.997  
Coefficient of Determination (Adjusted): 0.994

| ID | Level             | Concentration | Rel. Resp. | IS Amount | IS Response | RRF      | Used |
|----|-------------------|---------------|------------|-----------|-------------|----------|------|
| 1  | IC 200-161875/2   | 0.03669       | 0.059485   | 10.0      | 792138.0    | 1.621254 | N    |
| 2  | IC 200-161875/3   | 0.18845       | 0.249621   | 10.0      | 747094.0    | 1.324595 | Y    |
| 3  | IC 200-161875/4   | 0.471126      | 0.611913   | 10.0      | 670831.0    | 1.29883  | Y    |
| 4  | IC 200-161875/5   | 4.699999      | 6.142876   | 10.0      | 661638.0    | 1.306995 | Y    |
| 5  | ICIS 200-161875/6 | 10.457971     | 11.562401  | 10.0      | 776158.0    | 1.105607 | Y    |
| 6  | IC 200-161875/7   | 15.69372      | 19.458165  | 10.0      | 749545.0    | 1.239869 | Y    |
| 7  | IC 200-161875/8   | 20.915941     | 26.833344  | 10.0      | 728535.0    | 1.282914 | Y    |
| 8  | IC 200-161875/9   | 41.831883     | 48.123773  | 10.0      | 740374.0    | 1.150409 | Y    |



# Calibration

/ 4-Isopropyltoluene

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

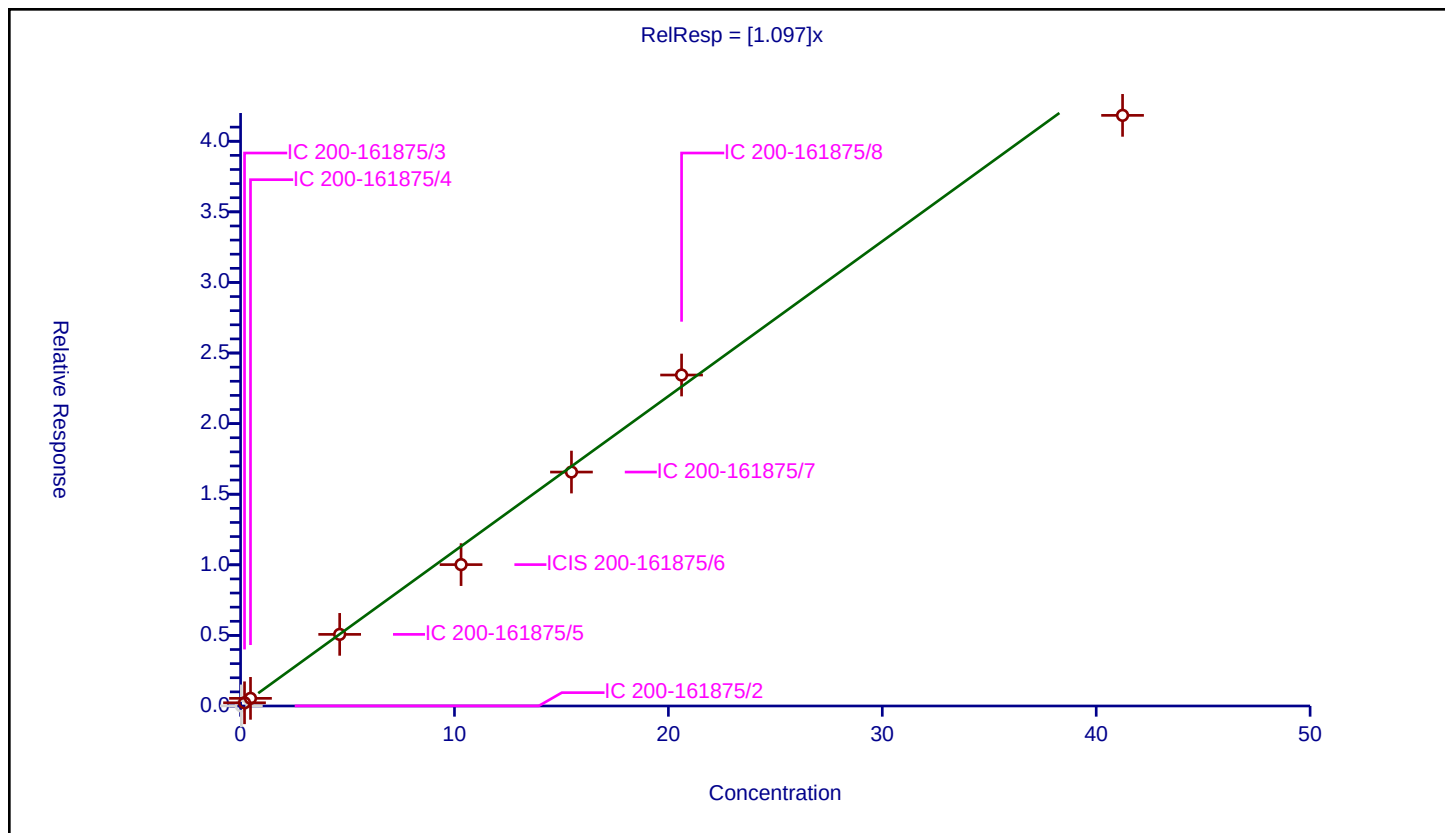
## Curve Coefficients

Intercept: 0  
 Slope: 1.097

## Error Coefficients

Standard Error: 1570000  
 Relative Standard Error: 8.0  
 Correlation Coefficient: 0.997  
 Coefficient of Determination (Adjusted): 0.992

| ID | Level             | Concentration | Rel. Resp. | IS Amount | IS Response | RRF      | Used |
|----|-------------------|---------------|------------|-----------|-------------|----------|------|
| 1  | IC 200-161875/2   | 0.036164      | 0.00611    | 10.0      | 792138.0    | 0.168952 | N    |
| 2  | IC 200-161875/3   | 0.185748      | 0.227388   | 10.0      | 747094.0    | 1.224173 | Y    |
| 3  | IC 200-161875/4   | 0.46437       | 0.541955   | 10.0      | 670831.0    | 1.167075 | Y    |
| 4  | IC 200-161875/5   | 4.632599      | 5.071731   | 10.0      | 661638.0    | 1.094792 | Y    |
| 5  | ICIS 200-161875/6 | 10.308        | 10.014314  | 10.0      | 776158.0    | 0.971509 | Y    |
| 6  | IC 200-161875/7   | 15.468667     | 16.569692  | 10.0      | 749545.0    | 1.071178 | Y    |
| 7  | IC 200-161875/8   | 20.615999     | 23.44328   | 10.0      | 728535.0    | 1.13714  | Y    |
| 8  | IC 200-161875/9   | 41.231999     | 41.834006  | 10.0      | 740374.0    | 1.0146   | Y    |



# Calibration

/ 1,3-Dichlorobenzene

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

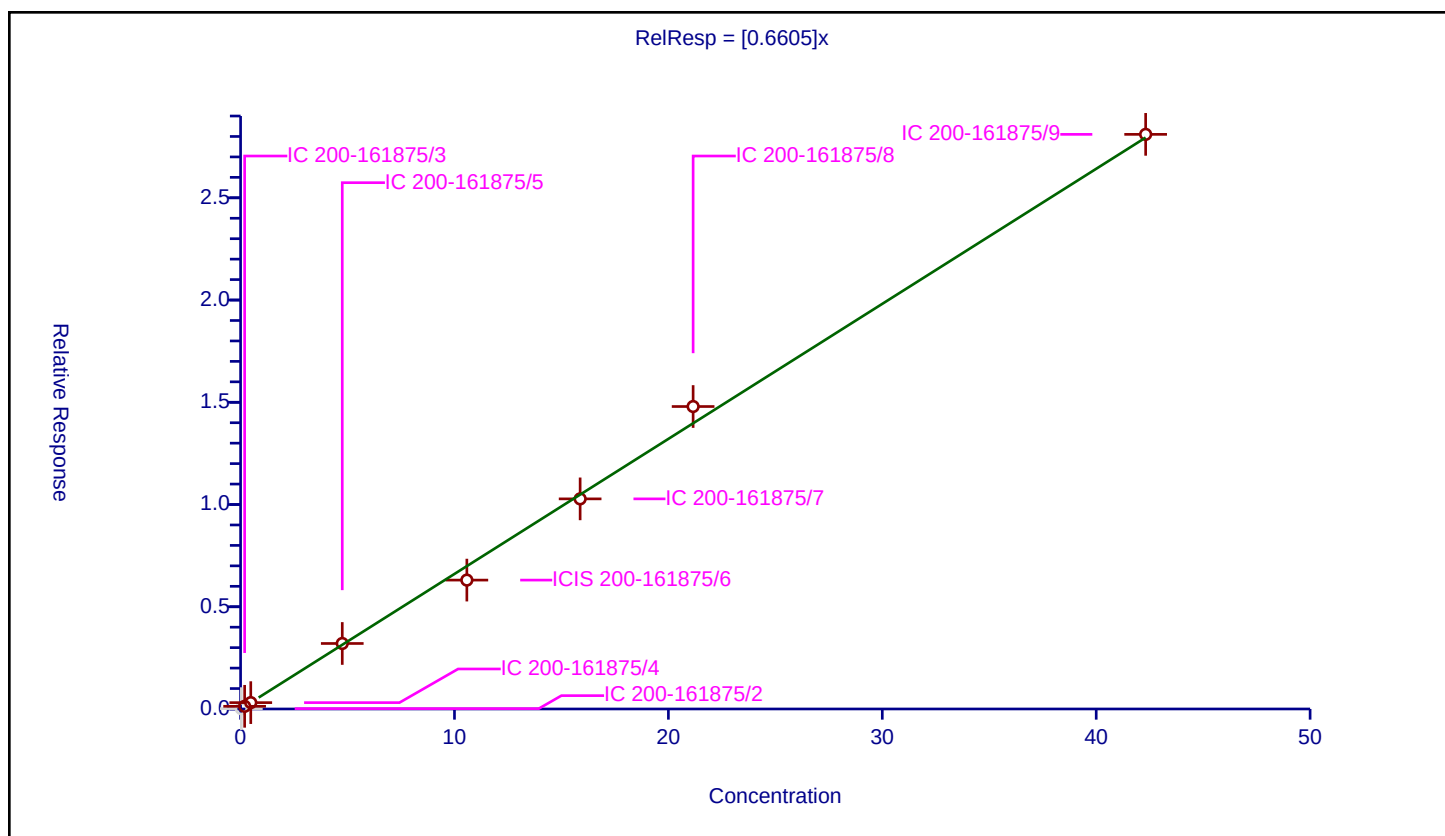
## Curve Coefficients

Intercept: 0  
 Slope: 0.6605

## Error Coefficients

Standard Error: 1030000  
 Relative Standard Error: 5.1  
 Correlation Coefficient: 0.999  
 Coefficient of Determination (Adjusted): 0.997

| ID | Level             | Concentration | Rel. Resp. | IS Amount | IS Response | RRF      | Used |
|----|-------------------|---------------|------------|-----------|-------------|----------|------|
| 1  | IC 200-161875/2   | 0.037111      | 0.017383   | 10.0      | 792138.0    | 0.46841  | N    |
| 2  | IC 200-161875/3   | 0.190612      | 0.131322   | 10.0      | 747094.0    | 0.688949 | Y    |
| 3  | IC 200-161875/4   | 0.476531      | 0.311494   | 10.0      | 670831.0    | 0.653671 | Y    |
| 4  | IC 200-161875/5   | 4.753918      | 3.204018   | 10.0      | 661638.0    | 0.673974 | Y    |
| 5  | ICIS 200-161875/6 | 10.577947     | 6.303807   | 10.0      | 776158.0    | 0.595939 | Y    |
| 6  | IC 200-161875/7   | 15.873763     | 10.276715  | 10.0      | 749545.0    | 0.647403 | Y    |
| 7  | IC 200-161875/8   | 21.155895     | 14.792014  | 10.0      | 728535.0    | 0.699191 | Y    |
| 8  | IC 200-161875/9   | 42.311789     | 28.102446  | 10.0      | 740374.0    | 0.664175 | Y    |



## Calibration

/ 1,4-Dichlorobenzene

Curve Type: Average  
Weighting: Conc\_Sq  
Origin: Force  
Dependency: Response  
Calib Mode: ISTD  
Response Base: AREA  
RF Rounding: 0

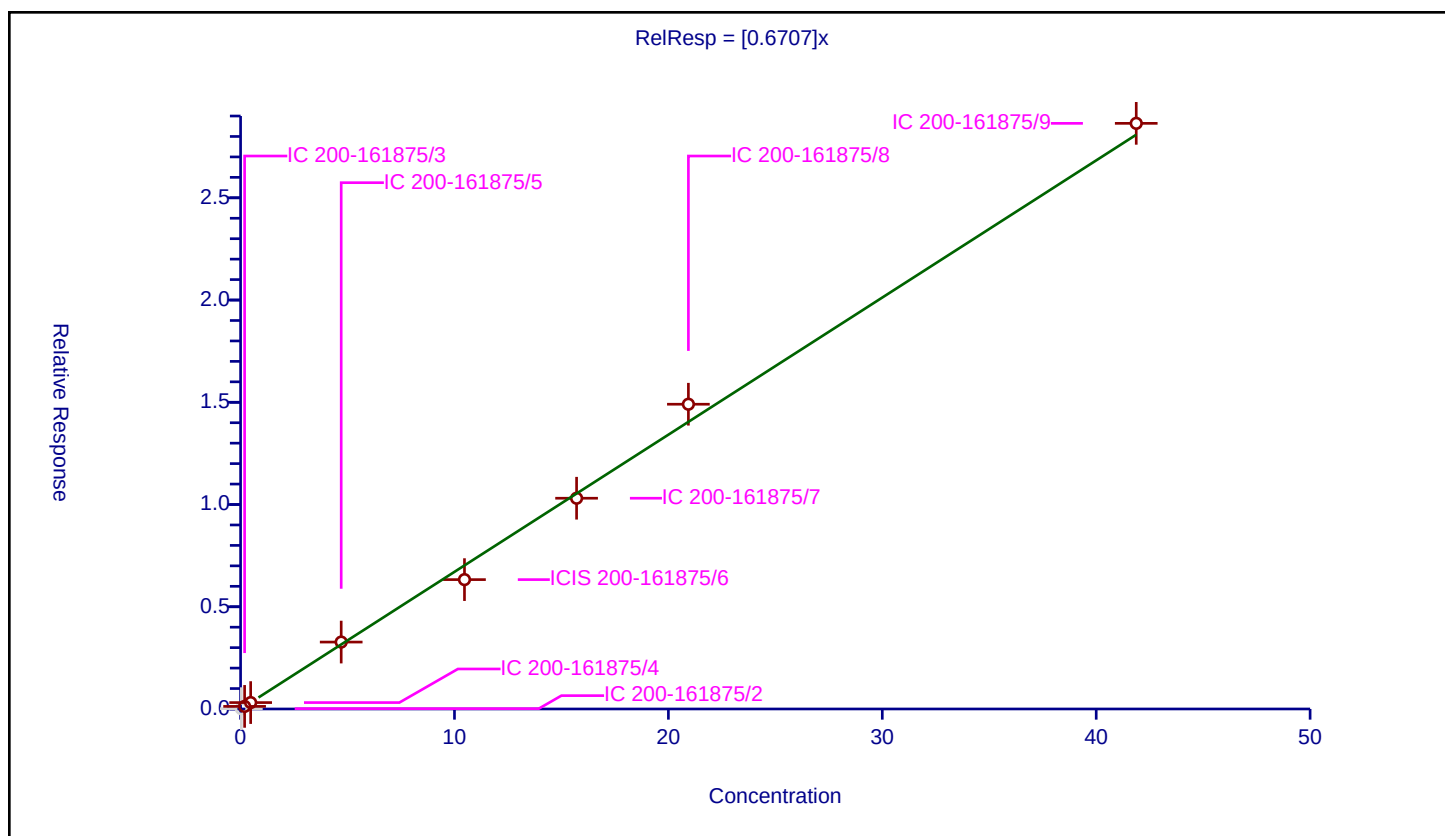
## Curve Coefficients

Intercept: 0  
Slope: 0.6707

## Error Coefficients

Standard Error: 1050000  
Relative Standard Error: 5.2  
Correlation Coefficient: 0.999  
Coefficient of Determination (Adjusted): 0.997

| ID | Level             | Concentration | Rel. Resp. | IS Amount | IS Response | RRF      | Used |
|----|-------------------|---------------|------------|-----------|-------------|----------|------|
| 1  | IC 200-161875/2   | 0.036726      | 0.016891   | 10.0      | 792138.0    | 0.459925 | N    |
| 2  | IC 200-161875/3   | 0.188631      | 0.127708   | 10.0      | 747094.0    | 0.677028 | Y    |
| 3  | IC 200-161875/4   | 0.471576      | 0.314088   | 10.0      | 670831.0    | 0.666038 | Y    |
| 4  | IC 200-161875/5   | 4.704492      | 3.272741   | 10.0      | 661638.0    | 0.695663 | Y    |
| 5  | ICIS 200-161875/6 | 10.467969     | 6.326676   | 10.0      | 776158.0    | 0.604384 | Y    |
| 6  | IC 200-161875/7   | 15.708724     | 10.30704   | 10.0      | 749545.0    | 0.656135 | Y    |
| 7  | IC 200-161875/8   | 20.935937     | 14.905186  | 10.0      | 728535.0    | 0.711943 | Y    |
| 8  | IC 200-161875/9   | 41.871875     | 28.641565  | 10.0      | 740374.0    | 0.684029 | Y    |



# Calibration

/ Benzyl chloride

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

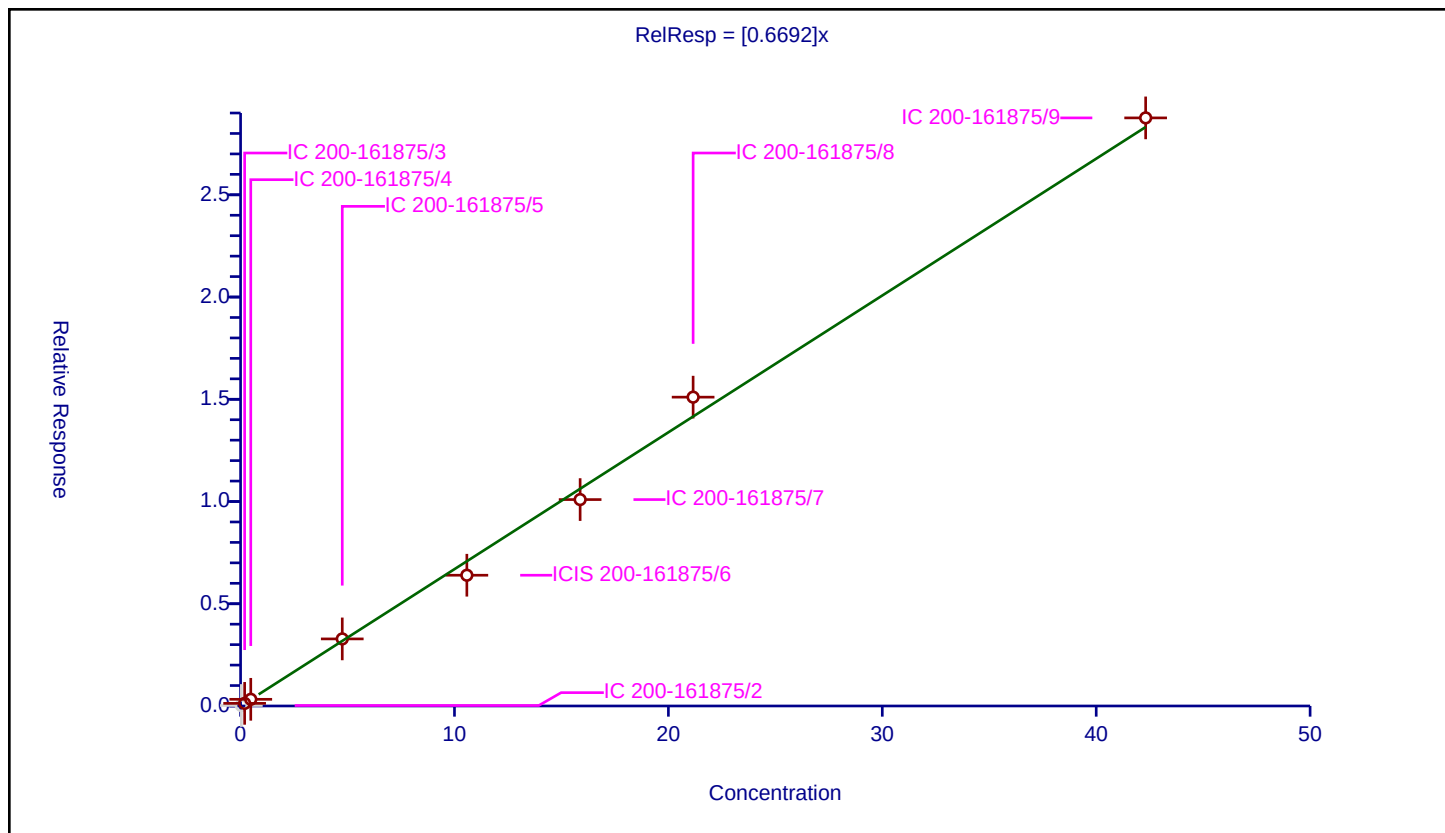
## Curve Coefficients

Intercept: 0  
 Slope: 0.6692

## Error Coefficients

Standard Error: 1050000  
 Relative Standard Error: 5.5  
 Correlation Coefficient: 0.999  
 Coefficient of Determination (Adjusted): 0.996

| ID | Level             | Concentration | Rel. Resp. | IS Amount | IS Response | RRF      | Used |
|----|-------------------|---------------|------------|-----------|-------------|----------|------|
| 1  | IC 200-161875/2   | 0.037111      | 0.02463    | 10.0      | 792138.0    | 0.663665 | N    |
| 2  | IC 200-161875/3   | 0.190612      | 0.128551   | 10.0      | 747094.0    | 0.674413 | Y    |
| 3  | IC 200-161875/4   | 0.476531      | 0.32661    | 10.0      | 670831.0    | 0.685391 | Y    |
| 4  | IC 200-161875/5   | 4.753918      | 3.281175   | 10.0      | 661638.0    | 0.690204 | Y    |
| 5  | ICIS 200-161875/6 | 10.577947     | 6.395103   | 10.0      | 776158.0    | 0.604569 | Y    |
| 6  | IC 200-161875/7   | 15.873763     | 10.094764  | 10.0      | 749545.0    | 0.63594  | Y    |
| 7  | IC 200-161875/8   | 21.155895     | 15.104655  | 10.0      | 728535.0    | 0.713969 | Y    |
| 8  | IC 200-161875/9   | 42.311789     | 28.761761  | 10.0      | 740374.0    | 0.679758 | Y    |



## Calibration

/ n-Butylbenzene

Curve Type: Average  
Weighting: Conc\_Sq  
Origin: Force  
Dependency: Response  
Calib Mode: ISTD  
Response Base: AREA  
RF Rounding: 0

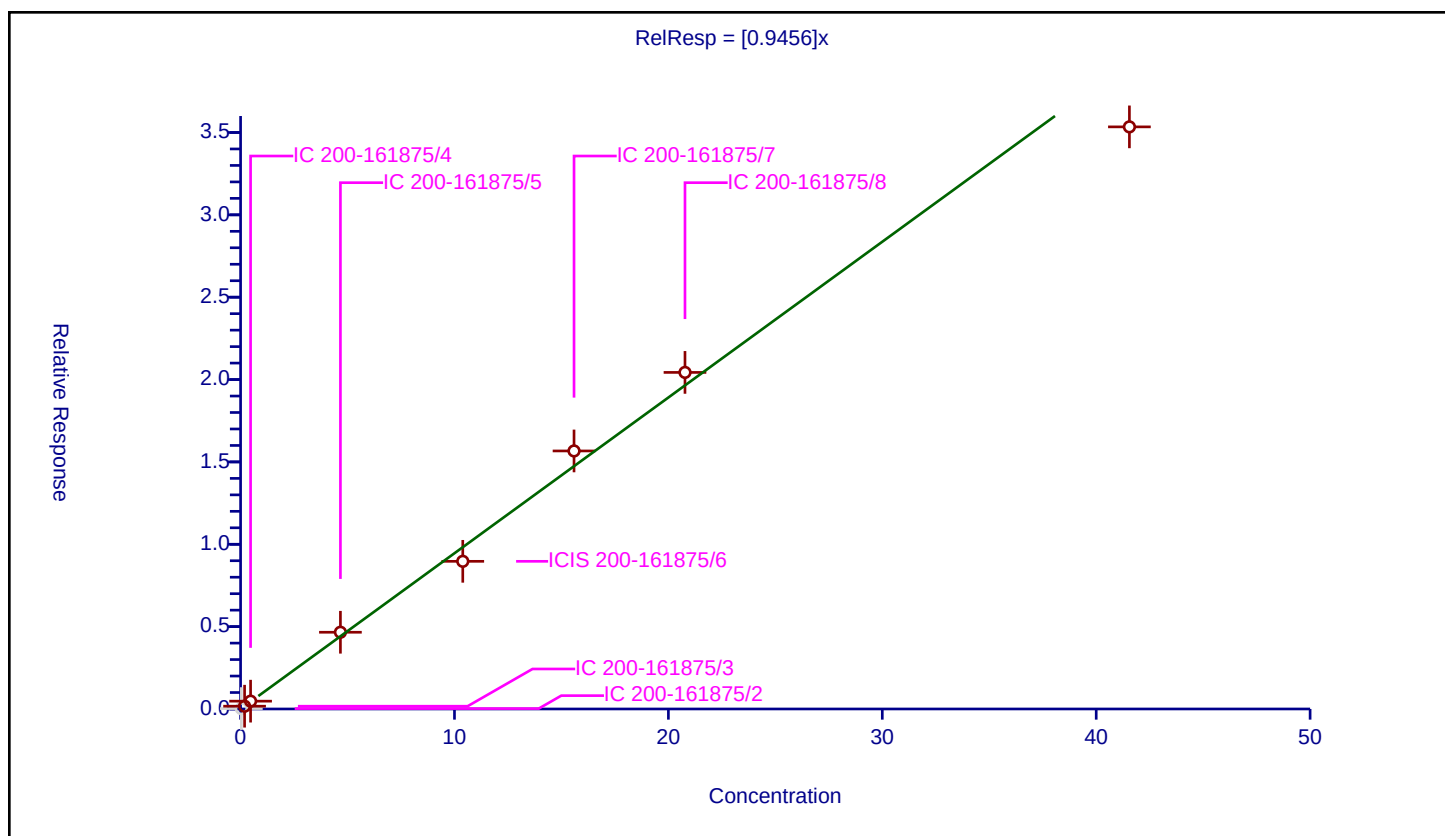
## Curve Coefficients

Intercept: 0  
Slope: 0.9456

## Error Coefficients

Standard Error: 1360000  
Relative Standard Error: 7.5  
Correlation Coefficient: 0.992  
Coefficient of Determination (Adjusted): 0.994

| ID | Level             | Concentration | Rel. Resp. | IS Amount | IS Response | RRF      | Used |
|----|-------------------|---------------|------------|-----------|-------------|----------|------|
| 1  | IC 200-161875/2   | 0.036445      | 0.024857   | 10.0      | 792138.0    | 0.682036 | N    |
| 2  | IC 200-161875/3   | 0.187189      | 0.169296   | 10.0      | 747094.0    | 0.904411 | Y    |
| 3  | IC 200-161875/4   | 0.467973      | 0.474769   | 10.0      | 670831.0    | 1.014522 | Y    |
| 4  | IC 200-161875/5   | 4.668546      | 4.658862   | 10.0      | 661638.0    | 0.997926 | Y    |
| 5  | ICIS 200-161875/6 | 10.387984     | 8.965211   | 10.0      | 776158.0    | 0.863037 | Y    |
| 6  | IC 200-161875/7   | 15.588696     | 15.665784  | 10.0      | 749545.0    | 1.004945 | Y    |
| 7  | IC 200-161875/8   | 20.775968     | 20.434502  | 10.0      | 728535.0    | 0.983564 | Y    |
| 8  | IC 200-161875/9   | 41.551937     | 35.340652  | 10.0      | 740374.0    | 0.850518 | Y    |





## Calibration

/ 1,2-Dichlorobenzene

Curve Type: Average  
Weighting: Conc\_Sq  
Origin: Force  
Dependency: Response  
Calib Mode: ISTD  
Response Base: AREA  
RF Rounding: 0

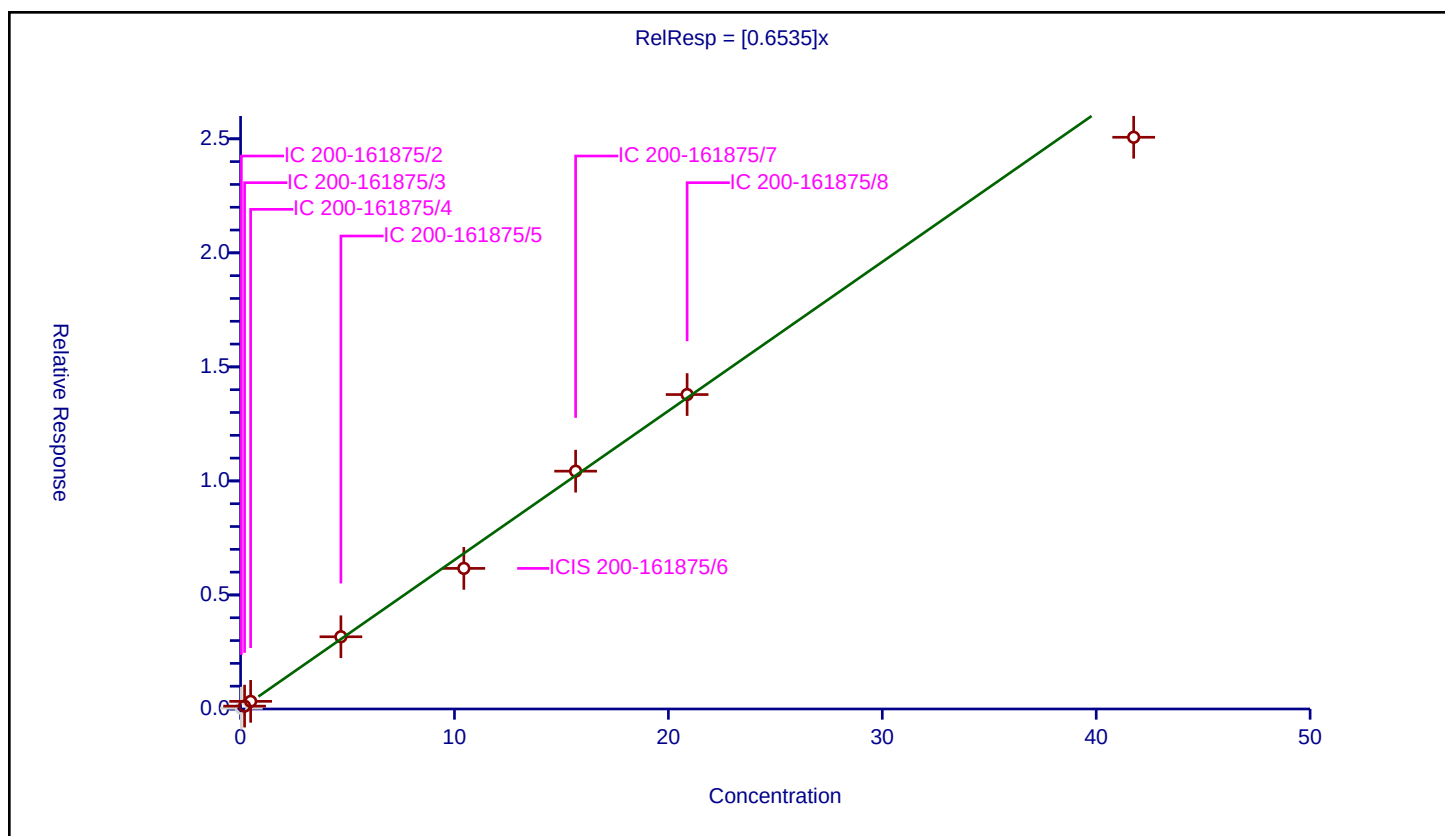
## Curve Coefficients

Intercept: 0  
Slope: 0.6535

## Error Coefficients

Standard Error: 943000  
Relative Standard Error: 6.6  
Correlation Coefficient: 0.997  
Coefficient of Determination (Adjusted): 0.995

| ID | Level             | Concentration | Rel. Resp. | IS Amount | IS Response | RRF      | Used |
|----|-------------------|---------------|------------|-----------|-------------|----------|------|
| 1  | IC 200-161875/2   | 0.03662       | 0.034502   | 10.0      | 792138.0    | 0.942142 | N    |
| 2  | IC 200-161875/3   | 0.18809       | 0.126129   | 10.0      | 747094.0    | 0.670576 | Y    |
| 3  | IC 200-161875/4   | 0.470225      | 0.334689   | 10.0      | 670831.0    | 0.711764 | Y    |
| 4  | IC 200-161875/5   | 4.691012      | 3.16655    | 10.0      | 661638.0    | 0.675025 | Y    |
| 5  | ICIS 200-161875/6 | 10.437975     | 6.165085   | 10.0      | 776158.0    | 0.59064  | Y    |
| 6  | IC 200-161875/7   | 15.663713     | 10.42778   | 10.0      | 749545.0    | 0.665728 | Y    |
| 7  | IC 200-161875/8   | 20.875949     | 13.787587  | 10.0      | 728535.0    | 0.660453 | Y    |
| 8  | IC 200-161875/9   | 41.751898     | 25.068398  | 10.0      | 740374.0    | 0.600413 | Y    |



## Calibration

/ Undecane

Curve Type: Average  
Weighting: Conc\_Sq  
Origin: Force  
Dependency: Response  
Calib Mode: ISTD  
Response Base: AREA  
RF Rounding: 0

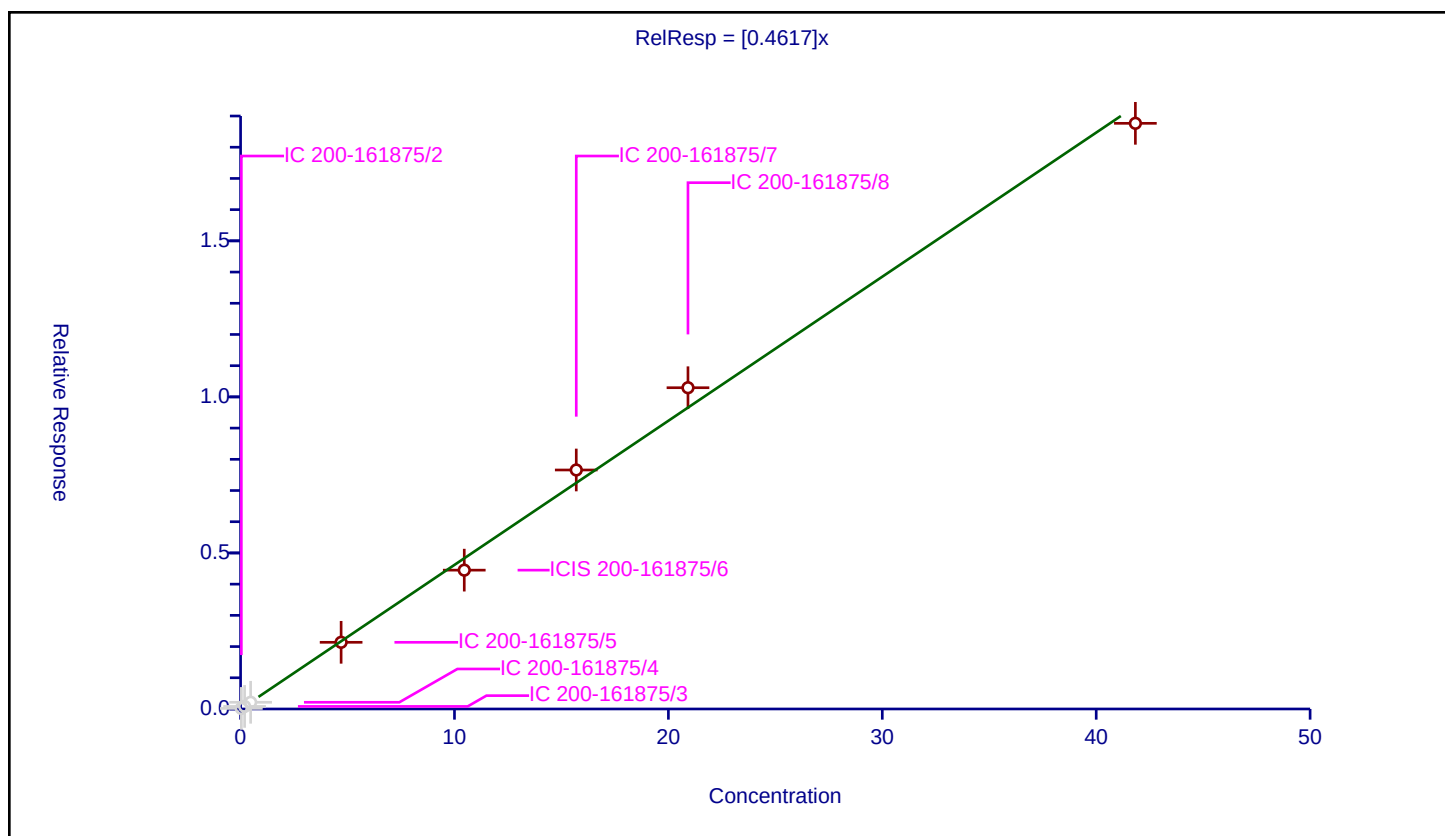
## Curve Coefficients

Intercept: 0  
Slope: 0.4617

## Error Coefficients

Standard Error: 860000  
Relative Standard Error: 6.1  
Correlation Coefficient: 0.995  
Coefficient of Determination (Adjusted): 0.992

| ID | Level             | Concentration | Rel. Resp. | IS Amount | IS Response | RRF      | Used |
|----|-------------------|---------------|------------|-----------|-------------|----------|------|
| 1  | IC 200-161875/2   | 0.03669       | 0.018494   | 10.0      | 792138.0    | 0.504061 | N    |
| 2  | IC 200-161875/3   | 0.18845       | 0.082493   | 10.0      | 747094.0    | 0.437744 | N    |
| 3  | IC 200-161875/4   | 0.471126      | 0.214883   | 10.0      | 670831.0    | 0.456105 | N    |
| 4  | IC 200-161875/5   | 4.699999      | 2.136213   | 10.0      | 661638.0    | 0.454514 | Y    |
| 5  | ICIS 200-161875/6 | 10.457971     | 4.448656   | 10.0      | 776158.0    | 0.425384 | Y    |
| 6  | IC 200-161875/7   | 15.69372      | 7.658193   | 10.0      | 749545.0    | 0.487978 | Y    |
| 7  | IC 200-161875/8   | 20.915941     | 10.29363   | 10.0      | 728535.0    | 0.492143 | Y    |
| 8  | IC 200-161875/9   | 41.831883     | 18.765462  | 10.0      | 740374.0    | 0.448592 | Y    |



**Curve Type:** Average  
**Weighting:** Conc\_Sq  
**Origin:** Force  
**Dependency:** Response  
**Calib Mode:** ISTD  
**Response Base:** AREA  
**RF Rounding:** 0

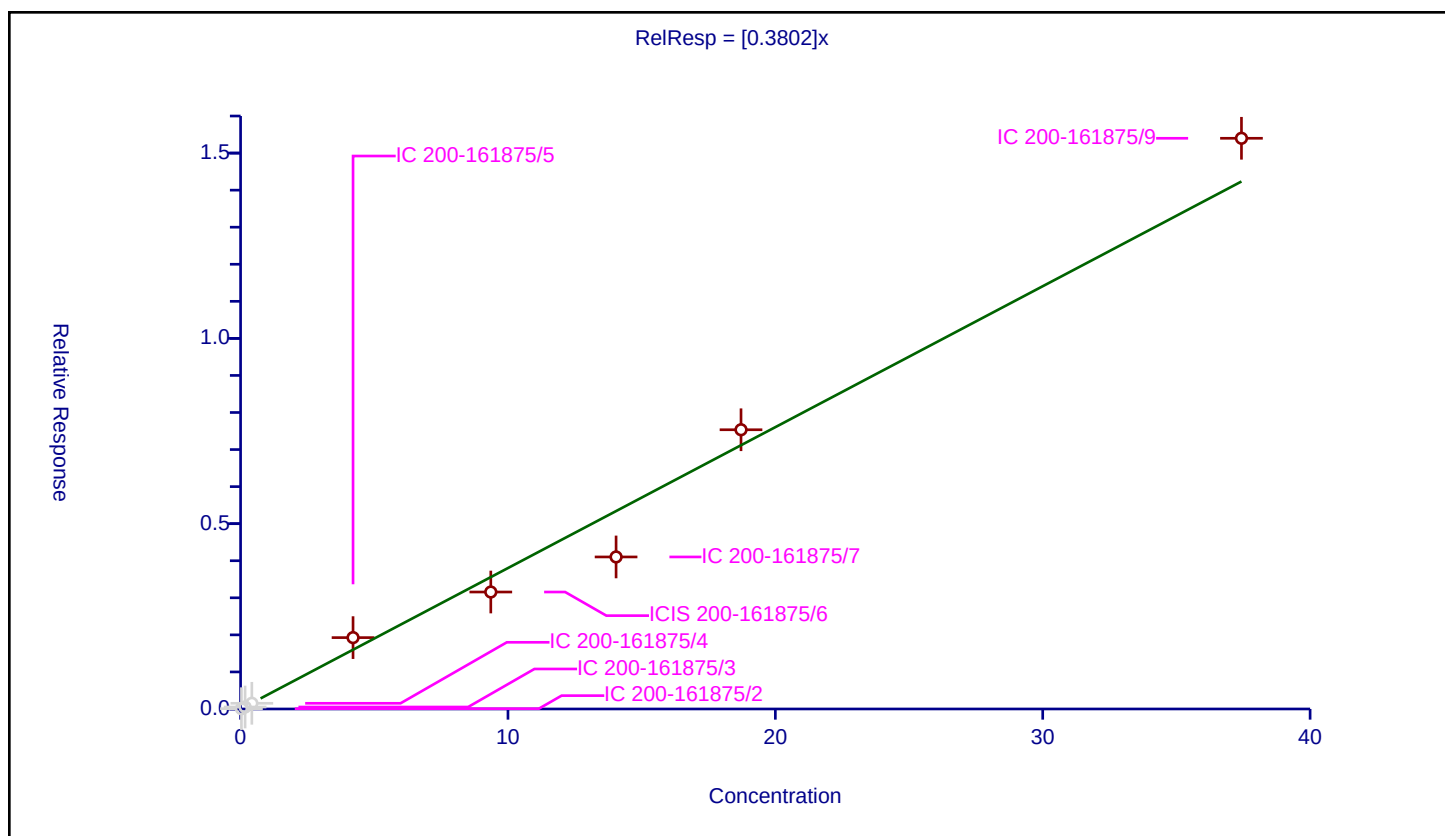
## Curve Coefficients

|                   |        |
|-------------------|--------|
| <b>Intercept:</b> | 0      |
| <b>Slope:</b>     | 0.3802 |

## Error Coefficients

|                                                 |        |
|-------------------------------------------------|--------|
| <b>Standard Error:</b>                          | 666000 |
| <b>Relative Standard Error:</b>                 | 17.2   |
| <b>Correlation Coefficient:</b>                 | 0.986  |
| <b>Coefficient of Determination (Adjusted):</b> | 0.925  |

| ID | Level             | Concentration | Rel. Resp. | IS Amount | IS Response | RRF      | Used |
|----|-------------------|---------------|------------|-----------|-------------|----------|------|
| 1  | IC 200-161875/2   | 0.032832      | 0.008244   | 10.0      | 792138.0    | 0.251082 | N    |
| 2  | IC 200-161875/3   | 0.168633      | 0.053541   | 10.0      | 747094.0    | 0.3175   | N    |
| 3  | IC 200-161875/4   | 0.421581      | 0.15366    | 10.0      | 670831.0    | 0.364485 | N    |
| 4  | IC 200-161875/5   | 4.205735      | 1.925721   | 10.0      | 661638.0    | 0.45788  | Y    |
| 5  | ICIS 200-161875/6 | 9.358184      | 3.156239   | 10.0      | 776158.0    | 0.33727  | Y    |
| 6  | IC 200-161875/7   | 14.043329     | 4.102115   | 10.0      | 749545.0    | 0.292104 | Y    |
| 7  | IC 200-161875/8   | 18.716368     | 7.534312   | 10.0      | 728535.0    | 0.402552 | Y    |
| 8  | IC 200-161875/9   | 37.432736     | 15.399514  | 10.0      | 740374.0    | 0.411392 | 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

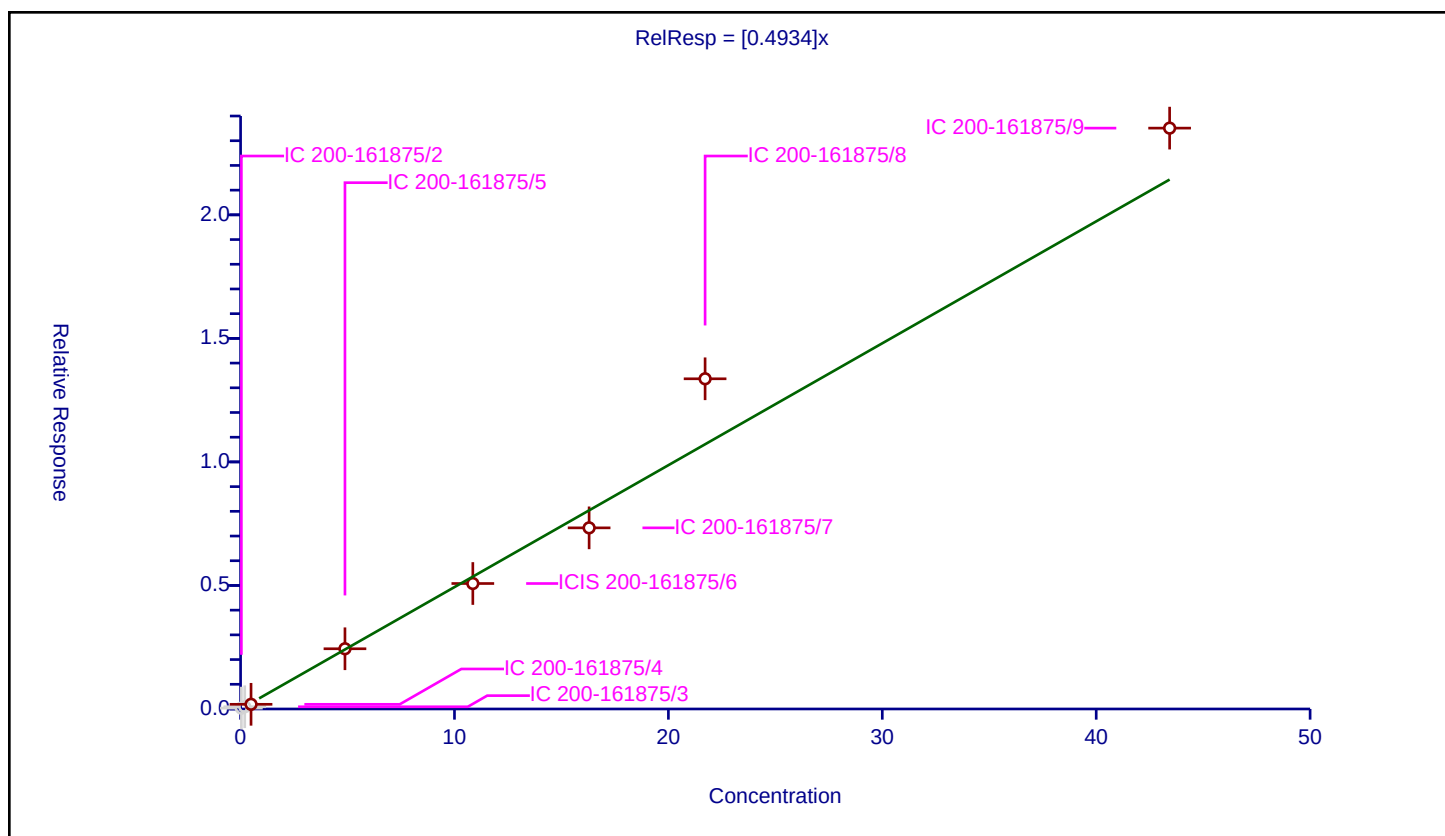
## Curve Coefficients

Intercept: 0  
Slope: 0.4934

## Error Coefficients

Standard Error: 945000  
Relative Standard Error: 16.0  
Correlation Coefficient: 0.989  
Coefficient of Determination (Adjusted): 0.975

| ID | Level             | Concentration | Rel. Resp. | IS Amount | IS Response | RRF      | Used |
|----|-------------------|---------------|------------|-----------|-------------|----------|------|
| 1  | IC 200-161875/2   | 0.038094      | 0.035575   | 10.0      | 792138.0    | 0.933875 | N    |
| 2  | IC 200-161875/3   | 0.195657      | 0.089694   | 10.0      | 747094.0    | 0.458426 | N    |
| 3  | IC 200-161875/4   | 0.489142      | 0.188975   | 10.0      | 670831.0    | 0.386339 | Y    |
| 4  | IC 200-161875/5   | 4.879731      | 2.437708   | 10.0      | 661638.0    | 0.499558 | Y    |
| 5  | ICIS 200-161875/6 | 10.857893     | 5.07836    | 10.0      | 776158.0    | 0.467711 | Y    |
| 6  | IC 200-161875/7   | 16.293863     | 7.330874   | 10.0      | 749545.0    | 0.449916 | Y    |
| 7  | IC 200-161875/8   | 21.715786     | 13.365027  | 10.0      | 728535.0    | 0.615452 | Y    |
| 8  | IC 200-161875/9   | 43.431572     | 23.51032   | 10.0      | 740374.0    | 0.541319 | Y    |



## Calibration

/ Hexachlorobutadiene

Curve Type: Average  
Weighting: Conc\_Sq  
Origin: Force  
Dependency: Response  
Calib Mode: ISTD  
Response Base: AREA  
RF Rounding: 0

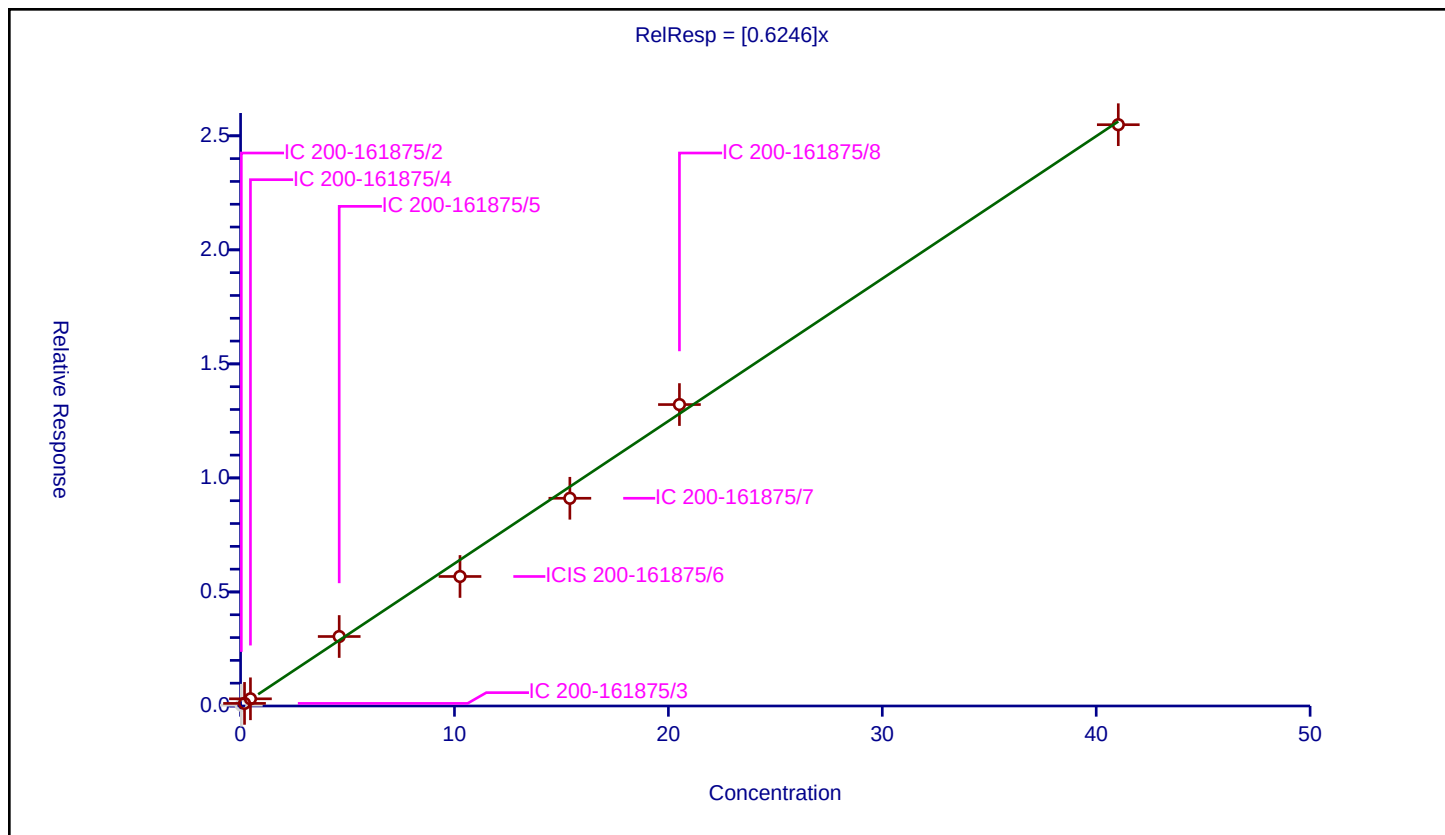
## Curve Coefficients

Intercept: 0  
Slope: 0.6246

## Error Coefficients

Standard Error: 930000  
Relative Standard Error: 6.9  
Correlation Coefficient: 0.999  
Coefficient of Determination (Adjusted): 0.994

| ID | Level             | Concentration | Rel. Resp. | IS Amount | IS Response | RRF      | Used |
|----|-------------------|---------------|------------|-----------|-------------|----------|------|
| 1  | IC 200-161875/2   | 0.035989      | 0.034994   | 10.0      | 792138.0    | 0.972352 | N    |
| 2  | IC 200-161875/3   | 0.184847      | 0.114524   | 10.0      | 747094.0    | 0.619559 | Y    |
| 3  | IC 200-161875/4   | 0.462118      | 0.314863   | 10.0      | 670831.0    | 0.681348 | Y    |
| 4  | IC 200-161875/5   | 4.610133      | 3.046606   | 10.0      | 661638.0    | 0.66085  | Y    |
| 5  | ICIS 200-161875/6 | 10.258009     | 5.678045   | 10.0      | 776158.0    | 0.553523 | Y    |
| 6  | IC 200-161875/7   | 15.393649     | 9.107659   | 10.0      | 749545.0    | 0.59165  | Y    |
| 7  | IC 200-161875/8   | 20.516019     | 13.216482  | 10.0      | 728535.0    | 0.644203 | Y    |
| 8  | IC 200-161875/9   | 41.032038     | 25.487429  | 10.0      | 740374.0    | 0.621159 | Y    |



## Calibration

/ Naphthalene

Curve Type: Average  
Weighting: Conc\_Sq  
Origin: Force  
Dependency: Response  
Calib Mode: ISTD  
Response Base: AREA  
RF Rounding: 0

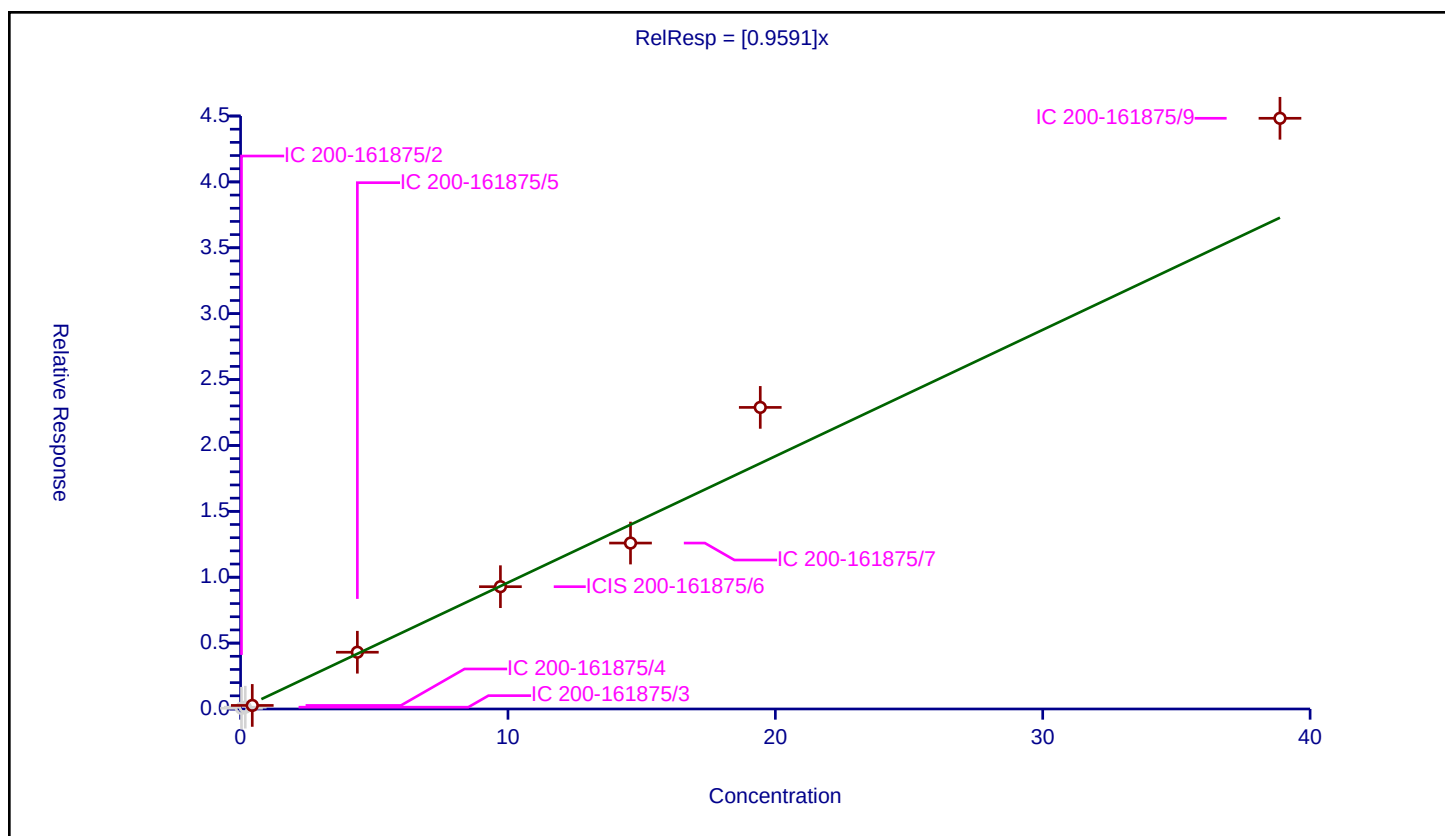
## Curve Coefficients

Intercept: 0  
Slope: 0.9591

## Error Coefficients

Standard Error: 1750000  
Relative Standard Error: 21.4  
Correlation Coefficient: 0.991  
Coefficient of Determination (Adjusted): 0.958

| ID | Level             | Concentration | Rel. Resp. | IS Amount | IS Response | RRF      | Used |
|----|-------------------|---------------|------------|-----------|-------------|----------|------|
| 1  | IC 200-161875/2   | 0.034095      | 0.055723   | 10.0      | 792138.0    | 1.634344 | N    |
| 2  | IC 200-161875/3   | 0.175118      | 0.137118   | 10.0      | 747094.0    | 0.783002 | N    |
| 3  | IC 200-161875/4   | 0.437796      | 0.271141   | 10.0      | 670831.0    | 0.619333 | Y    |
| 4  | IC 200-161875/5   | 4.367494      | 4.306932   | 10.0      | 661638.0    | 0.986134 | Y    |
| 5  | ICIS 200-161875/6 | 9.718114      | 9.281886   | 10.0      | 776158.0    | 0.955112 | Y    |
| 6  | IC 200-161875/7   | 14.583457     | 12.591692  | 10.0      | 749545.0    | 0.863423 | Y    |
| 7  | IC 200-161875/8   | 19.436228     | 22.88737   | 10.0      | 728535.0    | 1.177562 | Y    |
| 8  | IC 200-161875/9   | 38.872457     | 44.827533  | 10.0      | 740374.0    | 1.153195 | 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

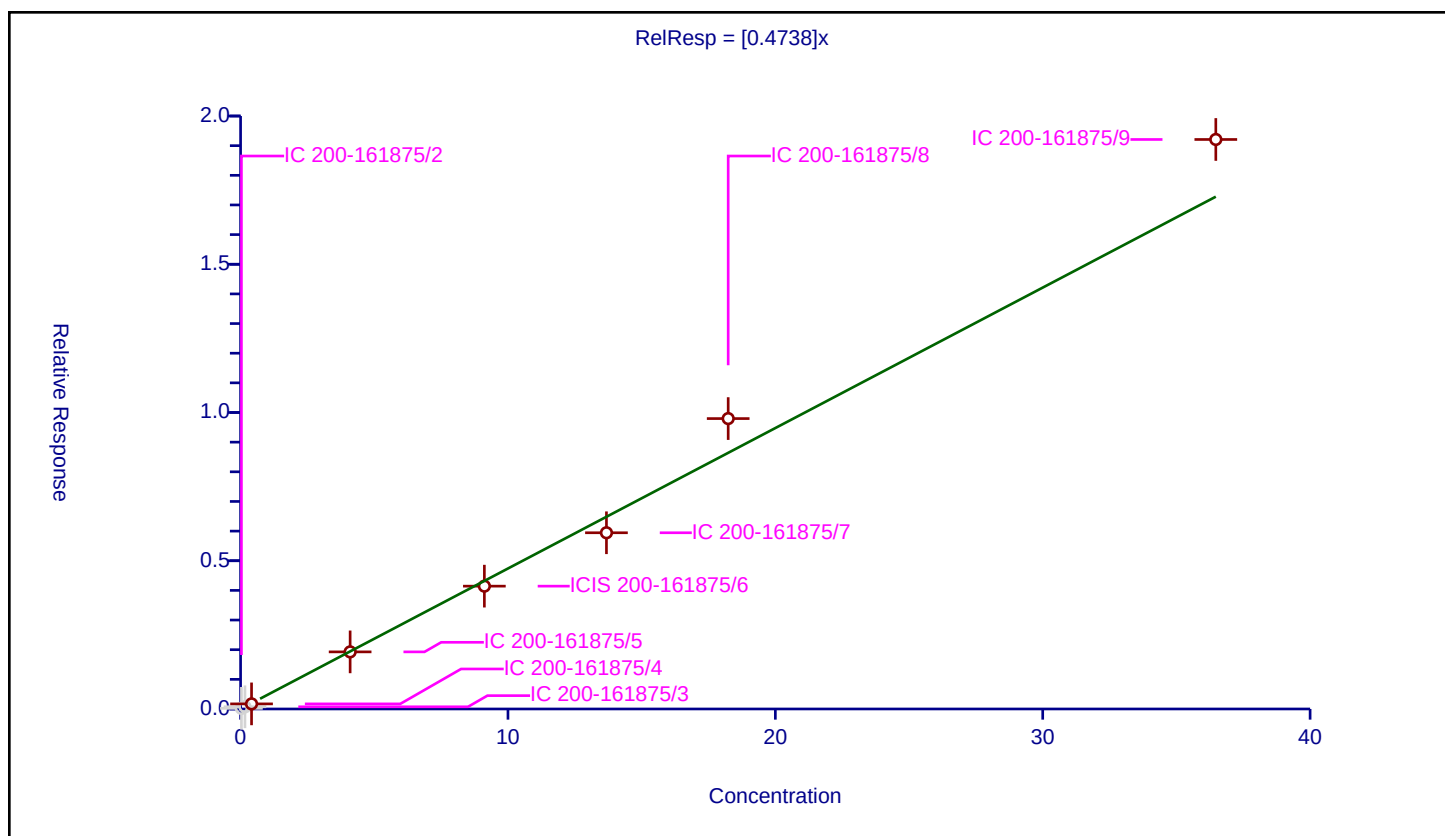
## Curve Coefficients

Intercept: 0  
Slope: 0.4738

## Error Coefficients

Standard Error: 755000  
Relative Standard Error: 10.2  
Correlation Coefficient: 0.996  
Coefficient of Determination (Adjusted): 0.989

| ID | Level             | Concentration | Rel. Resp. | IS Amount | IS Response | RRF      | Used |
|----|-------------------|---------------|------------|-----------|-------------|----------|------|
| 1  | IC 200-161875/2   | 0.03199       | 0.02213    | 10.0      | 792138.0    | 0.691774 | N    |
| 2  | IC 200-161875/3   | 0.164309      | 0.074582   | 10.0      | 747094.0    | 0.453916 | N    |
| 3  | IC 200-161875/4   | 0.410771      | 0.172517   | 10.0      | 670831.0    | 0.419984 | Y    |
| 4  | IC 200-161875/5   | 4.097896      | 1.925857   | 10.0      | 661638.0    | 0.469962 | Y    |
| 5  | ICIS 200-161875/6 | 9.118231      | 4.143332   | 10.0      | 776158.0    | 0.454401 | Y    |
| 6  | IC 200-161875/7   | 13.683244     | 5.944073   | 10.0      | 749545.0    | 0.434405 | Y    |
| 7  | IC 200-161875/8   | 18.236461     | 9.795521   | 10.0      | 728535.0    | 0.537139 | Y    |
| 8  | IC 200-161875/9   | 36.472922     | 19.20867   | 10.0      | 740374.0    | 0.526656 | Y    |



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

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-56451-1 Analy Batch No.: 161965

SDG No.: 200-56451-1

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

Calibration Start Date: 12/10/2020 18:26 Calibration End Date: 12/11/2020 05:25 Calibration ID: 44739

Calibration Files:

|         |                    |              |
|---------|--------------------|--------------|
| LEVEL:  | LAB SAMPLE ID:     | LAB FILE ID: |
| Level 1 | IC 200-161965/4    | 44014-004.d  |
| Level 2 | IC 200-161965/5    | 44014-005.d  |
| Level 3 | IC 200-161965/6    | 44014-006.d  |
| Level 4 | IC 200-161965/7    | 44014-007.d  |
| Level 5 | ICIS 200-161965/16 | 44014-016.d  |
| Level 6 | IC 200-161965/9    | 44014-009.d  |
| Level 7 | IC 200-161965/12   | 44014-012.d  |
| Level 8 | IC 200-161965/13   | 44014-013.d  |

| ANALYTE                       | RRF    |        |        |        |        | CURVE TYPE | COEFFICIENT |        |    | # | MIN RRF | %RSD | # | MAX %RSD | R^2 OR COD | # | MIN R^2 OR COD |
|-------------------------------|--------|--------|--------|--------|--------|------------|-------------|--------|----|---|---------|------|---|----------|------------|---|----------------|
|                               | LVL 1  | LVL 2  | LVL 3  | LVL 4  | LVL 5  |            | B           | M1     | M2 |   |         |      |   |          |            |   |                |
|                               | LVL 6  | LVL 7  | LVL 8  |        |        |            |             |        |    |   |         |      |   |          |            |   |                |
| Propylene                     | +++++  | +++++  | 1.8720 | 1.6853 | 1.5811 | Ave        |             | 1.6480 |    |   |         | 7.8  |   | 30.0     |            |   |                |
|                               | 1.6739 | 1.5110 | 1.5649 |        |        |            |             |        |    |   |         |      |   |          |            |   |                |
| Dichlorodifluoromethane       | +++++  | +++++  | 5.3011 | 4.8800 | 4.5757 | Ave        |             | 4.6984 |    |   |         | 7.9  |   | 30.0     |            |   |                |
|                               | 4.7645 | 4.2443 | 4.4251 |        |        |            |             |        |    |   |         |      |   |          |            |   |                |
| Chlorodifluoromethane         | +++++  | +++++  | 3.2058 | 3.0405 | 2.8539 | Ave        |             | 2.9207 |    |   |         | 6.4  |   | 30.0     |            |   |                |
|                               | 2.9572 | 2.6984 | 2.7681 |        |        |            |             |        |    |   |         |      |   |          |            |   |                |
| 1,2-Dichlorotetrafluoroethane | +++++  | 5.1965 | 5.2037 | 4.9426 | 4.7358 | Ave        |             | 4.8074 |    |   |         | 7.9  |   | 30.0     |            |   |                |
|                               | 4.9389 | 4.1822 | 4.4523 |        |        |            |             |        |    |   |         |      |   |          |            |   |                |
| Chloromethane                 | +++++  | +++++  | 2.0453 | 1.6667 | 1.5628 | Ave        |             | 1.6711 |    |   |         | 11.6 |   | 30.0     |            |   |                |
|                               | 1.6580 | 1.5046 | 1.5892 |        |        |            |             |        |    |   |         |      |   |          |            |   |                |
| Vinyl chloride                | 2.6681 | 2.1851 | 2.1881 | 1.8783 | 1.8659 | Ave        |             | 2.0535 |    |   |         | 14.2 |   | 30.0     |            |   |                |
|                               | 1.9865 | 1.7546 | 1.9016 |        |        |            |             |        |    |   |         |      |   |          |            |   |                |
| n-Butane                      | +++++  | +++++  | 3.5041 | 2.9928 | 2.8814 | Ave        |             | 3.0007 |    |   |         | 9.2  |   | 30.0     |            |   |                |
|                               | 3.0715 | 2.7024 | 2.8518 |        |        |            |             |        |    |   |         |      |   |          |            |   |                |
| 1,3-Butadiene                 | 2.4288 | 1.6866 | 1.7291 | 1.4968 | 1.4546 | Ave        |             | 1.6442 |    |   |         | 20.7 |   | 30.0     |            |   |                |
|                               | 1.5468 | 1.3754 | 1.4350 |        |        |            |             |        |    |   |         |      |   |          |            |   |                |
| Bromomethane                  | +++++  | 1.6804 | 1.6787 | 1.4059 | 1.3822 | Ave        |             | 1.4773 |    |   |         | 9.9  |   | 30.0     |            |   |                |
|                               | 1.4395 | 1.3006 | 1.4536 |        |        |            |             |        |    |   |         |      |   |          |            |   |                |
| Chloroethane                  | +++++  | 1.0290 | 0.9873 | 0.8358 | 0.8015 | Ave        |             | 0.8670 |    |   |         | 11.8 |   | 30.0     |            |   |                |
|                               | 0.8319 | 0.7482 | 0.8354 |        |        |            |             |        |    |   |         |      |   |          |            |   |                |
| Isopentane                    | +++++  | 2.0338 | 2.0657 | 1.8181 | 1.7126 | Ave        |             | 1.8414 |    |   |         | 8.5  |   | 30.0     |            |   |                |
|                               | 1.8315 | 1.6420 | 1.7861 |        |        |            |             |        |    |   |         |      |   |          |            |   |                |
| Bromoethene (Vinyl Bromide)   | +++++  | 1.5109 | 1.5769 | 1.4026 | 1.3493 | Ave        |             | 1.4235 |    |   |         | 7.1  |   | 30.0     |            |   |                |
|                               | 1.4405 | 1.2693 | 1.4149 |        |        |            |             |        |    |   |         |      |   |          |            |   |                |
| Trichlorofluoromethane        | +++++  | 4.2836 | 4.4947 | 3.8965 | 3.5863 | Ave        |             | 3.8574 |    |   |         | 10.3 |   | 30.0     |            |   |                |
|                               | 3.7556 | 3.4113 | 3.5742 |        |        |            |             |        |    |   |         |      |   |          |            |   |                |
| n-Pentane                     | +++++  | 2.8297 | 2.8749 | 2.6186 | 2.5197 | Ave        |             | 2.6326 |    |   |         | 6.9  |   | 30.0     |            |   |                |
|                               | 2.6628 | 2.3382 | 2.5842 |        |        |            |             |        |    |   |         |      |   |          |            |   |                |

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 TestAmerica, Burlington Job No.: 200-56451-1 Analy Batch No.: 161965  
SDG No.: 200-56451-1  
Instrument ID: CHW.i GC Column: RTX-624 ID: 0.32 (mm) Heated Purge: (Y/N) N  
Calibration Start Date: 12/10/2020 18:26 Calibration End Date: 12/11/2020 05:25 Calibration ID: 44739

| ANALYTE                          | RRF              |                  |                  |        |        | CURVE<br>TYPE | COEFFICIENT |        |    | # | MIN RRF | %RSD | # | MAX<br>%RSD | R^2<br>OR COD | # | MIN R^2<br>OR COD |
|----------------------------------|------------------|------------------|------------------|--------|--------|---------------|-------------|--------|----|---|---------|------|---|-------------|---------------|---|-------------------|
|                                  | LVL 1<br>LVL 6   | LVL 2<br>LVL 7   | LVL 3<br>LVL 8   | LVL 4  | LVL 5  |               | B           | M1     | M2 |   |         |      |   |             |               |   |                   |
| Ethanol                          | ++++<br>0.6828   | ++++<br>0.6301   | 0.7544<br>0.6377 | 0.7124 | 0.6444 | Ave           |             | 0.6770 |    |   |         | 7.3  |   | 30.0        |               |   |                   |
| Ethyl ether                      | ++++<br>1.0124   | 1.0227<br>0.9095 | 1.0403<br>1.0170 | 0.9726 | 0.9506 | Ave           |             | 0.9893 |    |   |         | 4.7  |   | 30.0        |               |   |                   |
| Acrolein                         | ++++<br>0.5858   | 0.4697<br>0.5589 | 0.4212<br>0.6201 | 0.5019 | 0.5267 | Ave           |             | 0.5263 |    |   |         | 13.0 |   | 30.0        |               |   |                   |
| 1,1-Dichloroethene               | 1.9302<br>1.4052 | 1.6708<br>1.2414 | 1.5852<br>1.3964 | 1.3917 | 1.3235 | Ave           |             | 1.4930 |    |   |         | 15.0 |   | 30.0        |               |   |                   |
| 1,1,2-Trichlorotrifluoroethane   | ++++<br>2.8994   | 3.2463<br>2.6789 | 3.2885<br>2.8358 | 2.9989 | 2.7787 | Ave           |             | 2.9609 |    |   |         | 7.8  |   | 30.0        |               |   |                   |
| Acetone                          | ++++<br>2.0958   | ++++<br>2.0199   | ++++<br>2.0236   | 2.1600 | 1.9691 | Ave           |             | 2.0537 |    |   |         | 3.6  |   | 30.0        |               |   |                   |
| Carbon disulfide                 | ++++<br>4.0435   | ++++<br>3.5562   | 5.0505<br>3.8719 | 4.1494 | 3.8378 | Ave           |             | 4.0849 |    |   |         | 12.6 |   | 30.0        |               |   |                   |
| Isopropyl alcohol                | ++++<br>2.3886   | ++++<br>2.1827   | ++++<br>2.3060   | 2.3434 | 2.0951 | Ave           |             | 2.2632 |    |   |         | 5.4  |   | 30.0        |               |   |                   |
| Acetonitrile                     | ++++<br>0.8762   | ++++<br>0.8532   | 0.6859<br>0.8600 | 0.8154 | 0.7953 | Ave           |             | 0.8143 |    |   |         | 8.6  |   | 30.0        |               |   |                   |
| 3-Chloropropene                  | ++++<br>1.7214   | 1.9493<br>1.5792 | 2.0392<br>1.6741 | 1.7056 | 1.6098 | Ave           |             | 1.7541 |    |   |         | 9.9  |   | 30.0        |               |   |                   |
| Methylene Chloride               | ++++<br>1.5654   | ++++<br>1.4274   | 2.1311<br>1.4920 | 1.6177 | 1.4649 | Ave           |             | 1.6164 |    |   |         | 16.2 |   | 30.0        |               |   |                   |
| tert-Butyl alcohol               | ++++<br>2.7404   | ++++<br>2.4715   | ++++<br>2.5869   | 2.6990 | 2.4572 | Ave           |             | 2.5910 |    |   |         | 5.0  |   | 30.0        |               |   |                   |
| Acrylonitrile                    | ++++<br>0.8627   | ++++<br>0.8364   | 0.3129<br>0.8519 | 0.8341 | 0.7885 | Ave           |             | 0.7477 |    |   |         | 28.7 |   | 30.0        |               |   |                   |
| trans-1,2-Dichloroethene         | ++++<br>2.0395   | 2.1405<br>1.8479 | 2.1356<br>1.9406 | 2.0561 | 1.9018 | Ave           |             | 2.0089 |    |   |         | 5.7  |   | 30.0        |               |   |                   |
| Methyl tert-butyl ether          | ++++<br>3.8841   | 3.6099<br>3.6005 | 3.7595<br>3.6765 | 3.8624 | 3.6202 | Ave           |             | 3.7162 |    |   |         | 3.2  |   | 30.0        |               |   |                   |
| n-Hexane                         | ++++<br>2.0036   | 1.9713<br>1.8272 | 1.8927<br>1.9320 | 1.9239 | 1.8669 | Ave           |             | 1.9168 |    |   |         | 3.1  |   | 30.0        |               |   |                   |
| 1,1-Dichloroethane               | 3.2483<br>2.5339 | 2.7903<br>2.4235 | 2.8823<br>2.3955 | 2.5830 | 2.3677 | Ave           |             | 2.6531 |    |   |         | 11.4 |   | 30.0        |               |   |                   |
| Vinyl acetate                    | ++++<br>3.4162   | ++++<br>3.4397   | 2.4001<br>3.3434 | 3.1563 | 1.4464 | Ave           |             | 2.8670 |    |   |         | 27.8 |   | 30.0        |               |   |                   |
| Methyl Ethyl Ketone (2-Butanone) | ++++<br>0.6455   | ++++<br>0.6249   | 0.6127<br>0.6707 | 0.6059 | 0.5691 | Ave           |             | 0.6215 |    |   |         | 5.6  |   | 30.0        |               |   |                   |
| cis-1,2-Dichloroethene           | 1.8333<br>1.4532 | 1.6007<br>1.4188 | 1.5625<br>1.4110 | 1.4341 | 1.3542 | Ave           |             | 1.5085 |    |   |         | 10.2 |   | 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 TestAmerica, Burlington Job No.: 200-56451-1 Analy Batch No.: 161965  
SDG No.: 200-56451-1  
Instrument ID: CHW.i GC Column: RTX-624 ID: 0.32 (mm) Heated Purge: (Y/N) N  
Calibration Start Date: 12/10/2020 18:26 Calibration End Date: 12/11/2020 05:25 Calibration ID: 44739

| ANALYTE                                       | RRF              |                  |                  |        |        | CURVE<br>TYPE | COEFFICIENT |        |    | # | MIN RRF | %RSD | # | MAX<br>%RSD | R^2<br>OR COD | # | MIN R^2<br>OR COD |
|-----------------------------------------------|------------------|------------------|------------------|--------|--------|---------------|-------------|--------|----|---|---------|------|---|-------------|---------------|---|-------------------|
|                                               | LVL 1<br>LVL 6   | LVL 2<br>LVL 7   | LVL 3<br>LVL 8   | LVL 4  | LVL 5  |               | B           | M1     | M2 |   |         |      |   |             |               |   |                   |
| Ethyl acetate                                 | ++++<br>0.1236   | ++++<br>0.1224   | ++++<br>0.1317   | 0.1157 | 0.1035 | Ave           |             | 0.1194 |    |   |         | 8.8  |   | 30.0        |               |   |                   |
| Tetrahydrofuran                               | ++++<br>0.3006   | ++++<br>0.3041   | ++++<br>0.2931   | 0.2987 | 0.2763 | Ave           |             | 0.2946 |    |   |         | 3.7  |   | 30.0        |               |   |                   |
| Chloroform                                    | ++++<br>2.9912   | 3.2896<br>3.0154 | 3.4597<br>2.9301 | 3.0647 | 2.8052 | Ave           |             | 3.0794 |    |   |         | 7.2  |   | 30.0        |               |   |                   |
| 1,1,1-Trichloroethane                         | ++++<br>0.6579   | 0.7373<br>0.6568 | 0.7781<br>0.6082 | 0.7072 | 0.6341 | Ave           |             | 0.6828 |    |   |         | 8.8  |   | 30.0        |               |   |                   |
| Cyclohexane                                   | ++++<br>0.3903   | 0.3666<br>0.3667 | 0.4028<br>0.3643 | 0.3851 | 0.3663 | Ave           |             | 0.3775 |    |   |         | 4.0  |   | 30.0        |               |   |                   |
| Carbon tetrachloride                          | 0.8293<br>0.7068 | 0.7724<br>0.7125 | 0.7910<br>0.6643 | 0.7606 | 0.6818 | Ave           |             | 0.7398 |    |   |         | 7.8  |   | 30.0        |               |   |                   |
| Benzene                                       | ++++<br>0.8503   | 0.9687<br>0.8554 | 0.9493<br>0.8145 | 0.8818 | 0.8148 | Ave           |             | 0.8764 |    |   |         | 7.0  |   | 30.0        |               |   |                   |
| 1,2-Dichloroethane                            | ++++<br>0.4069   | 0.4607<br>0.4186 | 0.4567<br>0.3844 | 0.4338 | 0.3888 | Ave           |             | 0.4214 |    |   |         | 7.2  |   | 30.0        |               |   |                   |
| 2,2,4-Trimethylpentane                        | ++++<br>1.3135   | 1.2230<br>1.2340 | 1.3181<br>1.1915 | 1.3338 | 1.2523 | Ave           |             | 1.2666 |    |   |         | 4.3  |   | 30.0        |               |   |                   |
| n-Heptane                                     | ++++<br>0.4843   | 0.4543<br>0.4849 | 0.4604<br>0.4703 | 0.4904 | 0.4569 | Ave           |             | 0.4717 |    |   |         | 3.2  |   | 30.0        |               |   |                   |
| n-Butanol                                     | ++++<br>0.1874   | ++++<br>0.1711   | ++++<br>0.1892   | 0.1626 | 0.1683 | Ave           |             | 0.1757 |    |   |         | 6.8  |   | 30.0        |               |   |                   |
| Trichloroethene                               | 0.4588<br>0.3855 | 0.4109<br>0.3939 | 0.4608<br>0.3926 | 0.3994 | 0.4194 | Ave           |             | 0.4151 |    |   |         | 7.1  |   | 30.0        |               |   |                   |
| 1,2-Dichloropropane                           | ++++<br>0.3310   | 0.3490<br>0.3242 | 0.3554<br>0.3211 | 0.3363 | 0.3076 | Ave           |             | 0.3321 |    |   |         | 5.0  |   | 30.0        |               |   |                   |
| Methyl methacrylate                           | ++++<br>0.3306   | ++++<br>0.3065   | 0.2276<br>0.3140 | 0.3125 | 0.2764 | Ave           |             | 0.2946 |    |   |         | 12.7 |   | 30.0        |               |   |                   |
| 1,4-Dioxane                                   | ++++<br>0.1876   | ++++<br>0.1658   | 0.2002<br>0.1636 | 0.1970 | 0.1796 | Ave           |             | 0.1823 |    |   |         | 8.5  |   | 30.0        |               |   |                   |
| Dibromomethane                                | ++++<br>0.4351   | 0.5100<br>0.4299 | 0.4834<br>0.4278 | 0.4421 | 0.4126 | Ave           |             | 0.4487 |    |   |         | 7.8  |   | 30.0        |               |   |                   |
| Bromodichloromethane                          | ++++<br>0.6896   | 0.6694<br>0.6742 | 0.7475<br>0.6508 | 0.7055 | 0.6205 | Ave           |             | 0.6796 |    |   |         | 6.0  |   | 30.0        |               |   |                   |
| cis-1,3-Dichloropropene                       | ++++<br>0.5842   | 0.4503<br>0.5562 | 0.5212<br>0.5586 | 0.5551 | 0.5079 | Ave           |             | 0.5334 |    |   |         | 8.4  |   | 30.0        |               |   |                   |
| 4-Methyl-2-pentanone (Methyl isobutyl ketone) | ++++<br>0.7048   | ++++<br>0.6447   | 0.5713<br>0.6358 | 0.6938 | 0.6445 | Ave           |             | 0.6492 |    |   |         | 7.3  |   | 30.0        |               |   |                   |
| Toluene                                       | ++++<br>0.7501   | 0.7083<br>0.7443 | 0.7155<br>0.7427 | 0.7398 | 0.6575 | Ave           |             | 0.7226 |    |   |         | 4.5  |   | 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 TestAmerica, Burlington Job No.: 200-56451-1 Analy Batch No.: 161965  
SDG No.: 200-56451-1  
Instrument ID: CHW.i GC Column: RTX-624 ID: 0.32 (mm) Heated Purge: (Y/N) N  
Calibration Start Date: 12/10/2020 18:26 Calibration End Date: 12/11/2020 05:25 Calibration ID: 44739

| ANALYTE                          | RRF              |                  |                  |        |        | CURVE<br>TYPE | COEFFICIENT |        |    | # | MIN RRF | %RSD | # | MAX<br>%RSD | R^2<br>OR COD | # | MIN R^2<br>OR COD |
|----------------------------------|------------------|------------------|------------------|--------|--------|---------------|-------------|--------|----|---|---------|------|---|-------------|---------------|---|-------------------|
|                                  | LVL 1<br>LVL 6   | LVL 2<br>LVL 7   | LVL 3<br>LVL 8   | LVL 4  | LVL 5  |               | B           | M1     | M2 |   |         |      |   |             |               |   |                   |
| n-Octane                         | ++++<br>0.7507   | 0.5642<br>0.7048 | 0.6508<br>0.6778 | 0.7673 | 0.6589 | Ave           |             | 0.6821 |    |   |         | 10.0 |   | 30.0        |               |   |                   |
| trans-1,3-Dichloropropene        | ++++<br>0.5483   | 0.4085<br>0.5234 | 0.4821<br>0.5174 | 0.5436 | 0.4990 | Ave           |             | 0.5032 |    |   |         | 9.5  |   | 30.0        |               |   |                   |
| 1,1,2-Trichloroethane            | ++++<br>0.3606   | 0.3847<br>0.3597 | 0.3830<br>0.3574 | 0.3803 | 0.3345 | Ave           |             | 0.3658 |    |   |         | 5.0  |   | 30.0        |               |   |                   |
| Tetrachloroethene                | 0.8336<br>0.7076 | 0.8107<br>0.7147 | 0.7818<br>0.7046 | 0.7182 | 0.6302 | Ave           |             | 0.7377 |    |   |         | 9.0  |   | 30.0        |               |   |                   |
| Methyl Butyl Ketone (2-Hexanone) | ++++<br>0.7141   | ++++<br>0.6983   | 0.5663<br>0.7048 | 0.6727 | 0.6489 | Ave           |             | 0.6675 |    |   |         | 8.2  |   | 30.0        |               |   |                   |
| Dibromochloromethane             | ++++<br>0.9036   | 0.7088<br>0.8971 | 0.8993<br>0.8541 | 0.9332 | 0.8448 | Ave           |             | 0.8630 |    |   |         | 8.6  |   | 30.0        |               |   |                   |
| 1,2-Dibromoethane                | ++++<br>0.6434   | 0.6266<br>0.6446 | 0.6471<br>0.6471 | 0.6532 | 0.6000 | Ave           |             | 0.6374 |    |   |         | 2.9  |   | 30.0        |               |   |                   |
| Chlorobenzene                    | ++++<br>1.0025   | 1.0762<br>1.0021 | 1.1370<br>0.9760 | 1.0523 | 0.9570 | Ave           |             | 1.0290 |    |   |         | 6.1  |   | 30.0        |               |   |                   |
| Ethylbenzene                     | ++++<br>1.6405   | 1.4950<br>1.6275 | 1.6512<br>++++   | 1.6960 | 1.5801 | Ave           |             | 1.6150 |    |   |         | 4.3  |   | 30.0        |               |   |                   |
| m,p-Xylene                       | ++++<br>0.6442   | 0.5552<br>0.6441 | 0.6179<br>0.6251 | 0.6703 | 0.6189 | Ave           |             | 0.6251 |    |   |         | 5.7  |   | 30.0        |               |   |                   |
| n-Nonane                         | ++++<br>0.7441   | 0.6055<br>0.7428 | 0.7273<br>0.7206 | 0.7961 | 0.7166 | Ave           |             | 0.7219 |    |   |         | 8.0  |   | 30.0        |               |   |                   |
| o-Xylene                         | ++++<br>0.6181   | 0.5148<br>0.6185 | 0.5711<br>0.6061 | 0.6261 | 0.5831 | Ave           |             | 0.5911 |    |   |         | 6.6  |   | 30.0        |               |   |                   |
| Styrene                          | ++++<br>0.9847   | 0.6314<br>1.0018 | 0.7689<br>0.9780 | 0.9913 | 0.9427 | Ave           |             | 0.8998 |    |   |         | 15.9 |   | 30.0        |               |   |                   |
| Bromoform                        | ++++<br>0.8537   | 0.3281<br>0.8526 | 0.8161<br>0.7196 | 0.8770 | 0.8091 | Ave           |             | 0.7509 |    |   |         | 25.7 |   | 30.0        |               |   |                   |
| Cumene                           | ++++<br>1.8328   | 1.4696<br>1.8291 | 1.6693<br>++++   | 1.8773 | 1.7551 | Ave           |             | 1.7389 |    |   |         | 8.7  |   | 30.0        |               |   |                   |
| 1,1,2,2-Tetrachloroethane        | ++++<br>0.9413   | 0.9616<br>0.9431 | 1.0088<br>0.8784 | 0.9804 | 0.7520 | Ave           |             | 0.9237 |    |   |         | 9.3  |   | 30.0        |               |   |                   |
| 1,2,3-Trichloropropane           | ++++<br>0.7232   | 0.7724<br>0.7315 | 0.8036<br>0.6941 | 0.7597 | 0.6820 | Ave           |             | 0.7381 |    |   |         | 5.9  |   | 30.0        |               |   |                   |
| n-Propylbenzene                  | ++++<br>2.1465   | 1.7329<br>2.1395 | 1.9884<br>++++   | 2.2422 | 2.0557 | Ave           |             | 2.0509 |    |   |         | 8.7  |   | 30.0        |               |   |                   |
| 2-Chlorotoluene                  | ++++<br>1.3358   | 1.1224<br>1.3470 | 1.3284<br>++++   | 1.4023 | 1.2785 | Ave           |             | 1.3024 |    |   |         | 7.4  |   | 30.0        |               |   |                   |
| 4-Ethyltoluene                   | ++++<br>1.7864   | 1.3579<br>1.8122 | 1.6346<br>++++   | 1.8830 | 1.7113 | Ave           |             | 1.6976 |    |   |         | 11.0 |   | 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 TestAmerica, Burlington Job No.: 200-56451-1 Analy Batch No.: 161965  
SDG No.: 200-56451-1  
Instrument ID: CHW.i GC Column: RTX-624 ID: 0.32 (mm) Heated Purge: (Y/N) N  
Calibration Start Date: 12/10/2020 18:26 Calibration End Date: 12/11/2020 05:25 Calibration ID: 44739

| ANALYTE                | RRF            |                  |                  |        |        | CURVE<br>TYPE | COEFFICIENT |        |    | # | MIN RRF | %RSD | # | MAX<br>%RSD | R^2<br>OR COD | # | MIN R^2<br>OR COD |
|------------------------|----------------|------------------|------------------|--------|--------|---------------|-------------|--------|----|---|---------|------|---|-------------|---------------|---|-------------------|
|                        | LVL 1<br>LVL 6 | LVL 2<br>LVL 7   | LVL 3<br>LVL 8   | LVL 4  | LVL 5  |               | B           | M1     | M2 |   |         |      |   |             |               |   |                   |
| 1,3,5-Trimethylbenzene | ++++<br>1.4990 | 1.2214<br>1.5139 | 1.4404<br>++++   | 1.5818 | 1.4348 | Ave           |             | 1.4486 |    |   |         | 8.5  |   | 30.0        |               |   |                   |
| n-Decane               | ++++<br>0.9506 | 0.6728<br>0.9586 | 0.8525<br>0.8957 | 1.0190 | 0.9096 | Ave           |             | 0.8941 |    |   |         | 12.4 |   | 30.0        |               |   |                   |
| Alpha Methyl Styrene   | ++++<br>0.7981 | 0.5321<br>0.8256 | 0.5962<br>0.7883 | 0.7798 | 0.7481 | Ave           |             | 0.7240 |    |   |         | 15.6 |   | 30.0        |               |   |                   |
| tert-Butylbenzene      | ++++<br>1.5302 | 1.3075<br>1.5358 | 1.4772<br>++++   | 1.6064 | 1.4525 | Ave           |             | 1.4849 |    |   |         | 6.9  |   | 30.0        |               |   |                   |
| 1,2,4-Trimethylbenzene | ++++<br>1.5117 | 1.2158<br>1.5176 | 1.4216<br>++++   | 1.5762 | 1.4284 | Ave           |             | 1.4452 |    |   |         | 8.8  |   | 30.0        |               |   |                   |
| sec-Butylbenzene       | ++++<br>2.2266 | 1.8042<br>2.1918 | 2.1621<br>++++   | 2.3808 | 2.1377 | Ave           |             | 2.1506 |    |   |         | 8.8  |   | 30.0        |               |   |                   |
| 1,3-Dichlorobenzene    | ++++<br>0.9887 | 0.7298<br>1.0460 | 0.7992<br>++++   | 1.0076 | 0.9352 | Ave           |             | 0.9178 |    |   |         | 13.7 |   | 30.0        |               |   |                   |
| 4-Isopropyltoluene     | ++++<br>1.9279 | 1.5380<br>1.9393 | 1.7779<br>++++   | 2.0281 | 1.8362 | Ave           |             | 1.8412 |    |   |         | 9.3  |   | 30.0        |               |   |                   |
| 1,4-Dichlorobenzene    | ++++<br>0.9463 | 0.5858<br>1.0196 | 0.6429<br>++++   | 0.9358 | 0.8924 | Ave           |             | 0.8371 |    |   |         | 21.3 |   | 30.0        |               |   |                   |
| Benzyl chloride        | ++++<br>1.1313 | 0.6497<br>1.2560 | 0.6740<br>++++   | 0.9929 | 1.0175 | Ave           |             | 0.9536 |    |   |         | 25.7 |   | 30.0        |               |   |                   |
| n-Butylbenzene         | ++++<br>1.7263 | 1.2913<br>1.7692 | 1.3889<br>++++   | 1.7638 | 1.6228 | Ave           |             | 1.5937 |    |   |         | 12.9 |   | 30.0        |               |   |                   |
| 1,2-Dichlorobenzene    | ++++<br>1.0150 | 0.8251<br>1.0559 | 0.8831<br>++++   | 1.0434 | 0.9483 | Ave           |             | 0.9618 |    |   |         | 9.7  |   | 30.0        |               |   |                   |
| n-Undecane             | ++++<br>1.0321 | 0.6212<br>1.0615 | ++++<br>++++     | 1.0683 | 0.9587 | Ave           |             | 0.9484 |    |   |         | 19.8 |   | 30.0        |               |   |                   |
| n-Dodecane             | ++++<br>0.9883 | ++++<br>1.1146   | ++++<br>1.0686   | 0.9959 | 0.8525 | Ave           |             | 1.0040 |    |   |         | 9.9  |   | 30.0        |               |   |                   |
| 1,2,4-Trichlorobenzene | ++++<br>0.5892 | ++++<br>0.7269   | 0.2456<br>0.7437 | 0.5160 | 0.4903 | Ave           |             | 0.5519 |    |   |         | 33.2 | * | 30.0        |               |   |                   |
| Hexachlorobutadiene    | ++++<br>0.9913 | 0.9716<br>1.0489 | 0.9176<br>1.0158 | 1.0123 | 0.8751 | Ave           |             | 0.9761 |    |   |         | 6.2  |   | 30.0        |               |   |                   |
| Naphthalene            | ++++<br>1.2751 | ++++<br>1.6560   | 0.5122<br>++++   | 1.1852 | 1.1123 | Ave           |             | 1.1482 |    |   |         | 35.9 | * | 30.0        |               |   |                   |
| 1,2,3-Trichlorobenzene | ++++<br>0.6781 | 0.4478<br>0.8054 | 0.3788<br>0.7865 | 0.6310 | 0.5430 | Ave           |             | 0.6101 |    |   |         | 26.7 |   | 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 TestAmerica, Burlington Job No.: 200-56451-1 Analy Batch No.: 161965

SDG No.: 200-56451-1

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

Calibration Start Date: 12/10/2020 18:26 Calibration End Date: 12/11/2020 05:25 Calibration ID: 44739

Calibration Files:

|         |                    |              |
|---------|--------------------|--------------|
| LEVEL:  | LAB SAMPLE ID:     | LAB FILE ID: |
| Level 1 | IC 200-161965/4    | 44014-004.d  |
| Level 2 | IC 200-161965/5    | 44014-005.d  |
| Level 3 | IC 200-161965/6    | 44014-006.d  |
| Level 4 | IC 200-161965/7    | 44014-007.d  |
| Level 5 | ICIS 200-161965/16 | 44014-016.d  |
| Level 6 | IC 200-161965/9    | 44014-009.d  |
| Level 7 | IC 200-161965/12   | 44014-012.d  |
| Level 8 | IC 200-161965/13   | 44014-013.d  |

| ANALYTE                       | IS REF | CURVE TYPE | RESPONSE        |                  |                    |         |         | CONCENTRATION (PPB V/V) |                |                |       |       |
|-------------------------------|--------|------------|-----------------|------------------|--------------------|---------|---------|-------------------------|----------------|----------------|-------|-------|
|                               |        |            | LVL 1<br>LVL 6  | LVL 2<br>LVL 7   | LVL 3<br>LVL 8     | LVL 4   | LVL 5   | LVL 1<br>LVL 6          | LVL 2<br>LVL 7 | LVL 3<br>LVL 8 | LVL 4 | LVL 5 |
| Propylene                     | BCM    | Ave        | ++++<br>2139778 | ++++<br>2690159  | 69942<br>5938860   | 609422  | 1445578 | ++++<br>15.5            | ++++<br>20.6   | 0.465<br>41.3  | 4.64  | 10.3  |
| Dichlorodifluoromethane       | BCM    | Ave        | ++++<br>6161447 | ++++<br>7644285  | 200361<br>16989184 | 1785131 | 4232050 | ++++<br>15.7            | ++++<br>20.9   | 0.470<br>41.8  | 4.69  | 10.4  |
| Chlorodifluoromethane         | BCM    | Ave        | ++++<br>3838972 | ++++<br>4878570  | 121632<br>10668322 | 1116497 | 2649634 | ++++<br>15.7            | ++++<br>21.0   | 0.472<br>41.9  | 4.71  | 10.5  |
| 1,2-Dichlorotetrafluoroethane | BCM    | Ave        | ++++<br>6368610 | 83432<br>7510754 | 196116<br>17044615 | 1802854 | 4367546 | ++++<br>15.6            | 0.188<br>20.8  | 0.469<br>41.6  | 4.68  | 10.4  |
| Chloromethane                 | BCM    | Ave        | ++++<br>2242721 | ++++<br>2834559  | 80859<br>6381875   | 637733  | 1511850 | ++++<br>16.4            | ++++<br>21.8   | 0.492<br>43.7  | 4.91  | 10.9  |
| Vinyl chloride                | BCM    | Ave        | 8884<br>2556603 | 35015<br>3144973 | 82306<br>7265963   | 683821  | 1717450 | 0.0364<br>15.6          | 0.187<br>20.8  | 0.468<br>41.6  | 4.67  | 10.4  |
| n-Butane                      | BCM    | Ave        | ++++<br>3941571 | ++++<br>4829965  | 131427<br>10864854 | 1086393 | 2644548 | ++++<br>15.5            | ++++<br>20.7   | 0.467<br>41.4  | 4.66  | 10.4  |
| 1,3-Butadiene                 | BCM    | Ave        | 7877<br>1939005 | 26325<br>2401335 | 63351<br>5340625   | 530773  | 1304128 | 0.0355<br>15.2          | 0.183<br>20.2  | 0.456<br>40.5  | 4.55  | 10.1  |
| Bromomethane                  | BCM    | Ave        | ++++<br>1838346 | 26720<br>2313263 | 62660<br>5511103   | 507881  | 1262502 | ++++<br>15.5            | 0.186<br>20.6  | 0.464<br>41.2  | 4.63  | 10.3  |
| Chloroethane                  | BCM    | Ave        | ++++<br>1070619 | 16490<br>1341100 | 37139<br>3192042   | 304272  | 737755  | ++++<br>15.6            | 0.187<br>20.8  | 0.468<br>41.6  | 4.67  | 10.4  |
| Isopentane                    | BCM    | Ave        | ++++<br>2368519 | 32748<br>2957337 | 78077<br>6857314   | 665075  | 1583938 | ++++<br>15.7            | 0.188<br>20.9  | 0.470<br>41.8  | 4.69  | 10.4  |
| Bromoethene (Vinyl Bromide)   | BCM    | Ave        | ++++<br>1859297 | 24282<br>2281676 | 59488<br>5421726   | 512090  | 1245583 | ++++<br>15.6            | 0.188<br>20.8  | 0.469<br>41.7  | 4.68  | 10.4  |
| Trichlorofluoromethane        | BCM    | Ave        | ++++<br>4912546 | 69766<br>6214553 | 171835<br>13880153 | 1441748 | 3355062 | ++++<br>15.8            | 0.190<br>21.1  | 0.476<br>42.2  | 4.74  | 10.6  |
| n-Pentane                     | BCM    | Ave        | ++++<br>3341278 | 44210<br>4086154 | 105433<br>9626682  | 929449  | 2261280 | ++++<br>15.2            | 0.183<br>20.3  | 0.456<br>40.5  | 4.55  | 10.1  |
| Ethanol                       | BCM    | Ave        | ++++<br>1130060 | ++++<br>2174461  | 273443<br>5862478  | 499542  | 856744  | ++++<br>20.0            | ++++<br>40.0   | 4.51<br>100.0  | 8.99  | 15.0  |

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

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-56451-1 Analy Batch No.: 161965

SDG No.: 200-56451-1

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

Calibration Start Date: 12/10/2020 18:26 Calibration End Date: 12/11/2020 05:25 Calibration ID: 44739

| ANALYTE                          | IS REF | CURVE TYPE | RESPONSE                |                  |                    |         |         | CONCENTRATION (PPB V/V) |                |                |       |       |
|----------------------------------|--------|------------|-------------------------|------------------|--------------------|---------|---------|-------------------------|----------------|----------------|-------|-------|
|                                  |        |            | LVL 1<br>LVL 6          | LVL 2<br>LVL 7   | LVL 3<br>LVL 8     | LVL 4   | LVL 5   | LVL 1<br>LVL 6          | LVL 2<br>LVL 7 | LVL 3<br>LVL 8 | LVL 4 | LVL 5 |
| Ethyl ether                      | BCM    | Ave        | +++++<br>1264081        | 15899<br>1581595 | 37962<br>3769849   | 343529  | 848845  | +++++<br>15.1           | 0.182<br>20.2  | 0.454<br>40.3  | 4.53  | 10.1  |
| Acrolein                         | BCM    | Ave        | +++++<br>7041<br>705353 | 14821<br>937212  | 2216396            | 170944  | 453576  | +++++<br>14.6           | 0.175<br>19.4  | 0.438<br>38.9  | 4.37  | 9.72  |
| 1,1-Dichloroethene               | BCM    | Ave        | 6359<br>1789344         | 26490<br>2201572 | 58996<br>5279002   | 501289  | 1205372 | 0.0361<br>15.4          | 0.185<br>20.6  | 0.463<br>41.1  | 4.62  | 10.3  |
| 1,1,2-Trichlorotrifluoroethane   | BCM    | Ave        | +++++<br>3767460        | 52521<br>4847985 | 124889<br>10939501 | 1102291 | 2582325 | +++++<br>15.7           | 0.189<br>21.0  | 0.472<br>42.0  | 4.71  | 10.5  |
| Acetone                          | BCM    | Ave        | +++++<br>2658416        | +++++<br>3568189 | +++++<br>7620417   | 775007  | 1786321 | +++++<br>15.4           | +++++<br>20.5  | +++++<br>41.0  | 4.60  | 10.2  |
| Carbon disulfide                 | BCM    | Ave        | +++++<br>5088778        | +++++<br>6233236 | 185771<br>14466634 | 1477195 | 3454359 | +++++<br>15.2           | +++++<br>20.3  | 0.458<br>40.6  | 4.57  | 10.2  |
| Isopropyl alcohol                | BCM    | Ave        | +++++<br>3023878        | +++++<br>3848287 | +++++<br>8666891   | 839172  | 1896919 | +++++<br>15.3           | +++++<br>20.4  | +++++<br>40.9  | 4.59  | 10.2  |
| Acetonitrile                     | BCM    | Ave        | +++++<br>1074550        | +++++<br>1457114 | 24583<br>3131019   | 282842  | 697528  | +++++<br>14.9           | +++++<br>19.8  | 0.446<br>39.6  | 4.45  | 9.90  |
| 3-Chloropropene                  | BCM    | Ave        | +++++<br>2270869        | 32018<br>2901441 | 78625<br>6556552   | 636473  | 1518869 | +++++<br>16.0           | 0.192<br>21.3  | 0.480<br>42.6  | 4.79  | 10.6  |
| Methylene Chloride               | BCM    | Ave        | +++++<br>1993389        | +++++<br>2531505 | 79312<br>5640250   | 582705  | 1334149 | +++++<br>15.4           | +++++<br>20.6  | 0.463<br>41.1  | 4.62  | 10.3  |
| tert-Butyl alcohol               | BCM    | Ave        | +++++<br>3659256        | +++++<br>4596372 | +++++<br>10255193  | 1019488 | 2346619 | +++++<br>16.2           | +++++<br>21.6  | +++++<br>43.1  | 4.84  | 10.8  |
| Acrylonitrile                    | BCM    | Ave        | +++++<br>1080425        | +++++<br>1458729 | 11451<br>3167257   | 295462  | 706201  | +++++<br>15.2           | +++++<br>20.2  | 0.455<br>40.4  | 4.54  | 10.1  |
| trans-1,2-Dichloroethene         | BCM    | Ave        | +++++<br>2576809        | 33673<br>3251705 | 78861<br>7279236   | 734864  | 1718525 | +++++<br>15.3           | 0.184<br>20.4  | 0.459<br>40.8  | 4.58  | 10.2  |
| Methyl tert-butyl ether          | BCM    | Ave        | +++++<br>5027754        | 58182<br>6490915 | 142231<br>14128665 | 1414258 | 3351495 | +++++<br>15.7           | 0.189<br>20.9  | 0.471<br>41.8  | 4.70  | 10.4  |
| n-Hexane                         | BCM    | Ave        | +++++<br>2628243        | 32197<br>3338258 | 72565<br>7523995   | 713903  | 1751525 | +++++<br>15.9           | 0.191<br>21.2  | 0.477<br>42.4  | 4.76  | 10.6  |
| 1,1-Dichloroethane               | BCM    | Ave        | 10410<br>3138769        | 43035<br>4180864 | 104347<br>8809469  | 905050  | 2097615 | 0.0351<br>15.0          | 0.180<br>20.0  | 0.450<br>40.0  | 4.49  | 10.00 |
| Vinyl acetate                    | BCM    | Ave        | +++++<br>4396624        | +++++<br>6165491 | 90280<br>12774666  | 1149076 | 1331384 | +++++<br>15.6           | +++++<br>20.8  | 0.468<br>41.6  | 4.67  | 10.4  |
| Methyl Ethyl Ketone (2-Butanone) | BCM    | Ave        | +++++<br>826785         | +++++<br>1114722 | 22937<br>2550356   | 219507  | 521318  | +++++<br>15.5           | +++++<br>20.7  | 0.466<br>41.4  | 4.65  | 10.3  |
| cis-1,2-Dichloroethene           | BCM    | Ave        | 5934<br>1818132         | 24934<br>2472113 | 57134<br>5240977   | 507536  | 1211704 | 0.0354<br>15.2          | 0.182<br>20.2  | 0.455<br>40.4  | 4.54  | 10.1  |
| Ethyl acetate                    | BCM    | Ave        | +++++<br>155051         | +++++<br>213837  | +++++<br>490626    | 41058   | 92855   | +++++<br>15.2           | +++++<br>20.3  | +++++<br>40.5  | 4.55  | 10.1  |
| Tetrahydrofuran                  | DFBZ   | Ave        | +++++<br>1804631        | +++++<br>2520249 | +++++<br>5423504   | 494373  | 1161014 | +++++<br>15.0           | +++++<br>20.0  | +++++<br>40.0  | 4.49  | 9.99  |

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

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-56451-1 Analy Batch No.: 161965

SDG No.: 200-56451-1

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

Calibration Start Date: 12/10/2020 18:26 Calibration End Date: 12/11/2020 05:25 Calibration ID: 44739

| ANALYTE                                       | IS REF     | CURVE TYPE | RESPONSE         |                   |                    |         |         | CONCENTRATION (PPB V/V) |                |                |       |       |
|-----------------------------------------------|------------|------------|------------------|-------------------|--------------------|---------|---------|-------------------------|----------------|----------------|-------|-------|
|                                               |            |            | LVL 1<br>LVL 6   | LVL 2<br>LVL 7    | LVL 3<br>LVL 8     | LVL 4   | LVL 5   | LVL 1<br>LVL 6          | LVL 2<br>LVL 7 | LVL 3<br>LVL 8 | LVL 4 | LVL 5 |
| Chloroform                                    | BCM        | Ave        | ++++<br>3742309  | 51244<br>5254012  | 126505<br>10883048 | 1084568 | 2509992 | ++++<br>15.2            | 0.182<br>20.2  | 0.455<br>40.4  | 4.54  | 10.1  |
| 1,1,1-Trichloroethane                         | DFBZ       | Ave        | ++++<br>4028666  | 54665<br>5551802  | 136358<br>11477065 | 1193950 | 2717707 | ++++<br>15.3            | 0.184<br>20.4  | 0.459<br>40.8  | 4.58  | 10.2  |
| Cyclohexane                                   | DFBZ       | Ave        | ++++<br>2380822  | 27076<br>3087721  | 70315<br>6847751   | 647504  | 1563881 | ++++<br>15.2            | 0.183<br>20.3  | 0.457<br>40.6  | 4.56  | 10.1  |
| Carbon tetrachloride                          | DFBZ       | Ave        | 12673<br>4315721 | 57100<br>6004743  | 138201<br>12498844 | 1280317 | 2913438 | 0.0356<br>15.2          | 0.183<br>20.3  | 0.458<br>40.6  | 4.57  | 10.2  |
| Benzene                                       | DFBZ       | Ave        | ++++<br>5278730  | 72814<br>7329396  | 168642<br>15581969 | 1509153 | 3539951 | ++++<br>15.5            | 0.186<br>20.7  | 0.465<br>41.3  | 4.64  | 10.3  |
| 1,2-Dichloroethane                            | DFBZ       | Ave        | ++++<br>2533198  | 34730<br>3596962  | 81371<br>7374475   | 744522  | 1694307 | ++++<br>15.5            | 0.187<br>20.7  | 0.467<br>41.4  | 4.66  | 10.4  |
| 2,2,4-Trimethylpentane                        | DFBZ       | Ave        | ++++<br>8264408  | 93176<br>10717048 | 237325<br>23103605 | 2313687 | 5514859 | ++++<br>15.7            | 0.189<br>20.9  | 0.472<br>41.9  | 4.70  | 10.5  |
| n-Heptane                                     | DFBZ       | Ave        | ++++<br>3059111  | 34744<br>4227540  | 83210<br>9153520   | 853952  | 2019894 | ++++<br>15.8            | 0.190<br>21.0  | 0.473<br>42.0  | 4.72  | 10.5  |
| n-Butanol                                     | DFBZ       | Ave        | ++++<br>1075732  | ++++<br>1355224   | ++++<br>3346067    | 257288  | 675887  | ++++<br>14.3            | ++++<br>19.1   | ++++<br>38.2   | 4.29  | 9.55  |
| Trichloroethene                               | DFBZ       | Ave        | 7266<br>2439549  | 31483<br>3440857  | 83434<br>7655275   | 696693  | 1857567 | 0.0369<br>15.8          | 0.190<br>21.1  | 0.474<br>42.1  | 4.73  | 10.5  |
| 1,2-Dichloropropane                           | DFBZ       | Ave        | ++++<br>2050618  | 26181<br>2772589  | 63006<br>6130632   | 574419  | 1334068 | ++++<br>15.5            | 0.186<br>20.6  | 0.464<br>41.2  | 4.63  | 10.3  |
| Methyl methacrylate                           | DFBZ       | Ave        | ++++<br>2018826  | ++++<br>2582895   | 39762<br>5909055   | 526055  | 1181046 | ++++<br>15.2            | ++++<br>20.3   | 0.458<br>40.6  | 4.57  | 10.2  |
| 1,4-Dioxane                                   | DFBZ       | Ave        | ++++<br>1192645  | ++++<br>1454648   | 36416<br>3205573   | 345368  | 799277  | ++++<br>15.9            | ++++<br>21.2   | 0.477<br>42.3  | 4.75  | 10.6  |
| Dibromomethane                                | DFBZ       | Ave        | ++++<br>2693153  | 38222<br>3673179  | 85614<br>8161007   | 754504  | 1787367 | ++++<br>15.5            | 0.186<br>20.6  | 0.464<br>41.2  | 4.63  | 10.3  |
| Bromodichloromethane                          | DFBZ       | Ave        | ++++<br>4380437  | 51484<br>5910948  | 135864<br>12739964 | 1235529 | 2758565 | ++++<br>15.9            | 0.191<br>21.1  | 0.476<br>42.3  | 4.75  | 10.6  |
| cis-1,3-Dichloropropene                       | DFBZ       | Ave        | ++++<br>3647619  | 34045<br>4793592  | 93132<br>10749104  | 955481  | 2219642 | ++++<br>15.6            | 0.187<br>20.8  | 0.468<br>41.6  | 4.67  | 10.4  |
| 4-Methyl-2-pentanone (Methyl isobutyl ketone) | DFBZ       | Ave        | ++++<br>4337195  | ++++<br>5476374   | 100611<br>12056321 | 1177109 | 2775811 | ++++<br>15.4            | ++++<br>20.5   | 0.461<br>41.0  | 4.60  | 10.2  |
| Toluene                                       | CBNzd<br>5 | Ave        | ++++<br>4231703  | 42803<br>5425518  | 110905<br>12064589 | 1148819 | 2571745 | ++++<br>15.2            | 0.183<br>20.3  | 0.458<br>40.6  | 4.57  | 10.2  |
| n-Octane                                      | DFBZ       | Ave        | ++++<br>4660035  | 42411<br>6039137  | 115601<br>12965839 | 1313183 | 2862603 | ++++<br>15.5            | 0.186<br>20.7  | 0.465<br>41.3  | 4.64  | 10.3  |
| trans-1,3-Dichloropropene                     | DFBZ       | Ave        | ++++<br>3255248  | 29370<br>4289367  | 81913<br>9466926   | 889789  | 2073544 | ++++<br>14.8            | 0.178<br>19.8  | 0.445<br>39.5  | 4.44  | 9.88  |

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

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-56451-1 Analy Batch No.: 161965

SDG No.: 200-56451-1

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

Calibration Start Date: 12/10/2020 18:26 Calibration End Date: 12/11/2020 05:25 Calibration ID: 44739

| ANALYTE                          | IS<br>REF  | CURVE<br>TYPE | RESPONSE       |                |                |         |         | CONCENTRATION (PPB V/V) |                |                |       |       |
|----------------------------------|------------|---------------|----------------|----------------|----------------|---------|---------|-------------------------|----------------|----------------|-------|-------|
|                                  |            |               | LVL 1<br>LVL 6 | LVL 2<br>LVL 7 | LVL 3<br>LVL 8 | LVL 4   | LVL 5   | LVL 1<br>LVL 6          | LVL 2<br>LVL 7 | LVL 3<br>LVL 8 | LVL 4 | LVL 5 |
| 1,1,2-Trichloroethane            | CBNZd<br>5 | Ave           | +++++          | 23981          | 61242          | 609207  | 1349568 | +++++                   | 0.189          | 0.472          | 4.71  | 10.5  |
|                                  |            |               | 2098091        | 2704977        | 5989208        |         |         | 15.7                    | 21.0           | 41.9           |       |       |
| Tetrachloroethene                | CBNZd<br>5 | Ave           | 10353          | 50627          | 125243         | 1152697 | 2547305 | 0.0368                  | 0.189          | 0.473          | 4.72  | 10.5  |
|                                  |            |               | 4125392        | 5384455        | 11828735       |         |         | 15.8                    | 21.0           | 42.0           |       |       |
| Methyl Butyl Ketone (2-Hexanone) | CBNZd<br>5 | Ave           | +++++          | +++++          | 86309          | 1027251 | 2495569 | +++++                   | +++++          | 0.450          | 4.49  | 9.99  |
|                                  |            |               | 3960806        | 5005073        | 11257368       |         |         | 15.0                    | 20.0           | 40.0           |       |       |
| Dibromochloromethane             | CBNZd<br>5 | Ave           | +++++          | 40806          | 132804         | 1380787 | 3148162 | +++++                   | 0.175          | 0.436          | 4.35  | 9.68  |
|                                  |            |               | 4856585        | 6230194        | 13219164       |         |         | 14.5                    | 19.4           | 38.7           |       |       |
| 1,2-Dibromoethane                | CBNZd<br>5 | Ave           | +++++          | 39543          | 104748         | 1059319 | 2450698 | +++++                   | 0.191          | 0.478          | 4.77  | 10.6  |
|                                  |            |               | 3790584        | 4907035        | 10977335       |         |         | 15.9                    | 21.2           | 42.4           |       |       |
| Chlorobenzene                    | CBNZd<br>5 | Ave           | +++++          | 67146          | 181968         | 1687327 | 3864790 | +++++                   | 0.189          | 0.472          | 4.71  | 10.5  |
|                                  |            |               | 5839172        | 7542265        | 16371090       |         |         | 15.7                    | 21.0           | 42.0           |       |       |
| Ethylbenzene                     | CBNZd<br>5 | Ave           | +++++          | 90872          | 257445         | 2649423 | 6216904 | +++++                   | 0.184          | 0.460          | 4.59  | 10.2  |
|                                  |            |               | 9309028        | 11933618       | +++++          |         |         | 15.3                    | 20.4           | +++++          |       |       |
| m,p-Xylene                       | CBNZd<br>5 | Ave           | +++++          | 67895          | 193826         | 2106479 | 4898378 | +++++                   | 0.371          | 0.926          | 9.24  | 20.6  |
|                                  |            |               | 7353725        | 9501349        | 20548775       |         |         | 30.8                    | 41.1           | 82.2           |       |       |
| n-Nonane                         | CBNZd<br>5 | Ave           | +++++          | 37739          | 116287         | 1275245 | 2890966 | +++++                   | 0.189          | 0.472          | 4.71  | 10.5  |
|                                  |            |               | 4329916        | 5585178        | 12075731       |         |         | 15.7                    | 21.0           | 41.9           |       |       |
| o-Xylene                         | CBNZd<br>5 | Ave           | +++++          | 31722          | 90257          | 991438  | 2325563 | +++++                   | 0.187          | 0.467          | 4.66  | 10.4  |
|                                  |            |               | 3555401        | 4597549        | 10040010       |         |         | 15.5                    | 20.7           | 41.4           |       |       |
| Styrene                          | CBNZd<br>5 | Ave           | +++++          | 38753          | 121058         | 1563770 | 3745323 | +++++                   | 0.186          | 0.465          | 4.64  | 10.3  |
|                                  |            |               | 5642550        | 7417360        | 16137655       |         |         | 15.5                    | 20.6           | 41.3           |       |       |
| Bromoform                        | CBNZd<br>5 | Ave           | +++++          | 20082          | 128113         | 1379367 | 3205028 | +++++                   | 0.186          | 0.463          | 4.62  | 10.3  |
|                                  |            |               | 4877743        | 6294426        | 11838922       |         |         | 15.4                    | 20.6           | 41.2           |       |       |
| Cumene                           | CBNZd<br>5 | Ave           | +++++          | 91160          | 265621         | 2992917 | 7047159 | +++++                   | 0.188          | 0.470          | 4.69  | 10.4  |
|                                  |            |               | 10613878       | 13687632       | +++++          |         |         | 15.6                    | 20.9           | +++++          |       |       |
| 1,1,2,2-Tetrachloroethane        | CBNZd<br>5 | Ave           | +++++          | 59135          | 159134         | 1549508 | 2993423 | +++++                   | 0.187          | 0.466          | 4.65  | 10.3  |
|                                  |            |               | 5404265        | 6996307        | 14522914       |         |         | 15.5                    | 20.7           | 41.4           |       |       |



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

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-56451-1 Analy Batch No.: 161965

SDG No.: 200-56451-1

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

Calibration Start Date: 12/10/2020 18:26 Calibration End Date: 12/11/2020 05:25 Calibration ID: 44739

| ANALYTE                | IS REF     | CURVE TYPE | RESPONSE       |                |                |         |         | CONCENTRATION (PPB V/V) |                |                |       |       |
|------------------------|------------|------------|----------------|----------------|----------------|---------|---------|-------------------------|----------------|----------------|-------|-------|
|                        |            |            | LVL 1<br>LVL 6 | LVL 2<br>LVL 7 | LVL 3<br>LVL 8 | LVL 4   | LVL 5   | LVL 1<br>LVL 6          | LVL 2<br>LVL 7 | LVL 3<br>LVL 8 | LVL 4 | LVL 5 |
| 1,2,3-Trichloropropane | CBNZd<br>5 | Ave        | +++++          | 48648          | 129827         | 1229669 | 2780226 | +++++                   | 0.191          | 0.477          | 4.76  | 10.6  |
|                        |            |            | 4252311        | 5558037        | 11753894       |         |         | 15.9                    | 21.2           | 42.4           |       |       |
| n-Propylbenzene        | CBNZd<br>5 | Ave        | +++++          | 107189         | 315495         | 3564302 | 8230383 | +++++                   | 0.188          | 0.468          | 4.67  | 10.4  |
|                        |            |            | 12395295       | 15964270       | +++++          |         |         | 15.6                    | 20.8           | +++++          |       |       |
| 2-Chlorotoluene        | CBNZd<br>5 | Ave        | +++++          | 69689          | 211587         | 2237814 | 5138593 | +++++                   | 0.188          | 0.470          | 4.69  | 10.4  |
|                        |            |            | 7743029        | 10089287       | +++++          |         |         | 15.7                    | 20.9           | +++++          |       |       |
| 4-Ethyltoluene         | CBNZd<br>5 | Ave        | +++++          | 83429          | 257608         | 2973201 | 6805572 | +++++                   | 0.186          | 0.465          | 4.64  | 10.3  |
|                        |            |            | 10246114       | 13431408       | +++++          |         |         | 15.5                    | 20.7           | +++++          |       |       |
| 1,3,5-Trimethylbenzene | CBNZd<br>5 | Ave        | +++++          | 75475          | 228323         | 2512112 | 5739173 | +++++                   | 0.187          | 0.468          | 4.67  | 10.4  |
|                        |            |            | 8647582        | 11285546       | +++++          |         |         | 15.6                    | 20.8           | +++++          |       |       |
| n-Decane               | CBNZd<br>5 | Ave        | +++++          | 41696          | 135514         | 1622913 | 3648666 | +++++                   | 0.188          | 0.469          | 4.68  | 10.4  |
|                        |            |            | 5499578        | 7166278        | 14922459       |         |         | 15.6                    | 20.8           | 41.7           |       |       |
| Alpha Methyl Styrene   | CBNZd<br>5 | Ave        | +++++          | 32279          | 92774          | 1215795 | 2937581 | +++++                   | 0.184          | 0.459          | 4.58  | 10.2  |
|                        |            |            | 4519977        | 6041632        | 12856166       |         |         | 15.3                    | 20.4           | 40.8           |       |       |
| tert-Butylbenzene      | CBNZd<br>5 | Ave        | +++++          | 80562          | 233471         | 2543851 | 5793144 | +++++                   | 0.187          | 0.467          | 4.66  | 10.4  |
|                        |            |            | 8802115        | 11415219       | +++++          |         |         | 15.5                    | 20.7           | +++++          |       |       |
| 1,2,4-Trimethylbenzene | CBNZd<br>5 | Ave        | +++++          | 75201          | 225556         | 2505623 | 5718996 | +++++                   | 0.188          | 0.468          | 4.67  | 10.4  |
|                        |            |            | 8729297        | 11324072       | +++++          |         |         | 15.6                    | 20.8           | +++++          |       |       |
| sec-Butylbenzene       | CBNZd<br>5 | Ave        | +++++          | 112238         | 345035         | 3806506 | 8608225 | +++++                   | 0.189          | 0.471          | 4.70  | 10.5  |
|                        |            |            | 12932048       | 16448964       | +++++          |         |         | 15.7                    | 20.9           | +++++          |       |       |
| 1,3-Dichlorobenzene    | CBNZd<br>5 | Ave        | +++++          | 45921          | 129006         | 1629470 | 3809276 | +++++                   | 0.191          | 0.477          | 4.75  | 10.6  |
|                        |            |            | 5808234        | 7940319        | +++++          |         |         | 15.9                    | 21.2           | +++++          |       |       |
| 4-Isopropyltoluene     | CBNZd<br>5 | Ave        | +++++          | 94310          | 279645         | 3196007 | 7287984 | +++++                   | 0.186          | 0.464          | 4.63  | 10.3  |
|                        |            |            | 11036689       | 14345462       | +++++          |         |         | 15.5                    | 20.6           | +++++          |       |       |
| 1,4-Dichlorobenzene    | CBNZd<br>5 | Ave        | +++++          | 36478          | 102697         | 1497571 | 3596931 | +++++                   | 0.189          | 0.472          | 4.70  | 10.5  |
|                        |            |            | 5501313        | 7659510        | +++++          |         |         | 15.7                    | 20.9           | +++++          |       |       |
| Benzyl chloride        | CBNZd<br>5 | Ave        | +++++          | 40882          | 108796         | 1605611 | 4144291 | +++++                   | 0.191          | 0.477          | 4.75  | 10.6  |
|                        |            |            | 6645841        | 9534088        | +++++          |         |         | 15.9                    | 21.2           | +++++          |       |       |

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

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-56451-1 Analy Batch No.: 161965

SDG No.: 200-56451-1

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

Calibration Start Date: 12/10/2020 18:26 Calibration End Date: 12/11/2020 05:25 Calibration ID: 44739

| ANALYTE                | IS REF     | CURVE TYPE | RESPONSE       |                |                |         |         | CONCENTRATION (PPB V/V) |                |                |       |       |
|------------------------|------------|------------|----------------|----------------|----------------|---------|---------|-------------------------|----------------|----------------|-------|-------|
|                        |            |            | LVL 1<br>LVL 6 | LVL 2<br>LVL 7 | LVL 3<br>LVL 8 | LVL 4   | LVL 5   | LVL 1<br>LVL 6          | LVL 2<br>LVL 7 | LVL 3<br>LVL 8 | LVL 4 | LVL 5 |
| n-Butylbenzene         | CBNZd<br>5 | Ave        | +++++          | 79795          | 220165         | 2801102 | 6490883 | +++++                   | 0.187          | 0.468          | 4.67  | 10.4  |
|                        |            |            | 9959202        | 13188287       | +++++          |         |         | 15.6                    | 20.8           | +++++          |       |       |
| 1,2-Dichlorobenzene    | CBNZd<br>5 | Ave        | +++++          | 51229          | 140654         | 1665026 | 3811439 | +++++                   | 0.188          | 0.470          | 4.69  | 10.4  |
|                        |            |            | 5883485        | 7909237        | +++++          |         |         | 15.7                    | 20.9           | +++++          |       |       |
| n-Undecane             | CBNZd<br>5 | Ave        | +++++          | 38646          | +++++          | 1708091 | 3860321 | +++++                   | 0.189          | +++++          | 4.70  | 10.5  |
|                        |            |            | 5994335        | 7966155        | +++++          |         |         | 15.7                    | 20.9           | +++++          |       |       |
| n-Dodecane             | CBNZd<br>5 | Ave        | +++++          | +++++          | +++++          | 1424815 | 3071745 | +++++                   | +++++          | +++++          | 4.21  | 9.36  |
|                        |            |            | 5136426        | 7485005        | 15992470       |         |         | 14.0                    | 18.7           | 37.4           |       |       |
| 1,2,4-Trichlorobenzene | CBNZd<br>5 | Ave        | +++++          | +++++          | 40693          | 856490  | 2049841 | +++++                   | +++++          | 0.489          | 4.88  | 10.9  |
|                        |            |            | 3552559        | 5663906        | 12913241       |         |         | 16.3                    | 21.7           | 43.4           |       |       |
| Hexachlorobutadiene    | CBNZd<br>5 | Ave        | +++++          | 59287          | 143637         | 1587492 | 3456353 | +++++                   | 0.185          | 0.462          | 4.61  | 10.3  |
|                        |            |            | 5647011        | 7721449        | 16664592       |         |         | 15.4                    | 20.5           | 41.0           |       |       |
| Naphthalene            | CBNZd<br>5 | Ave        | +++++          | +++++          | 75957          | 1760905 | 4162316 | +++++                   | +++++          | 0.438          | 4.37  | 9.72  |
|                        |            |            | 6881448        | 11548777       | +++++          |         |         | 14.6                    | 19.4           | +++++          |       |       |
| 1,2,3-Trichlorobenzene | CBNZd<br>5 | Ave        | +++++          | 24291          | 52708          | 879611  | 1906288 | +++++                   | 0.165          | 0.411          | 4.10  | 9.12  |
|                        |            |            | 3433926        | 5270069        | 11469244       |         |         | 13.7                    | 18.2           | 36.5           |       |       |

Curve Type Legend:

Ave = Average ISTD

Eurofins TestAmerica, Burlington  
Target Compound Quantitation Report

Data File: \\chromfs\Burlington\ChromData\CHW.i\20201210-44014.b\44014-004.d  
 Lims ID: ic  
 Client ID:  
 Sample Type: IC Calib Level: 1  
 Inject. Date: 10-Dec-2020 18:26:30 ALS Bottle#: 3 Worklist Smp#: 4  
 Purge Vol: 200.000 mL Dil. Factor: 1.0000  
 Sample Info: 200-0044014-004  
 Misc. Info.: ic-01  
 Operator ID: ggg Instrument ID: CHW.i  
 Sublist: chrom-TO15\_TO3\_MasterMethod\_W\*sub5  
 Method: \\chromfs\Burlington\ChromData\CHW.i\20201210-44014.b\TO15\_TO3\_MasterMethod\_W.m  
 Limit Group: AI\_TO15\_ICAL  
 Last Update: 11-Dec-2020 10:11:23 Calib Date: 11-Dec-2020 05:25:30  
 Integrator: RTE ID Type: Deconvolution ID  
 Quant Method: Internal Standard Quant By: Initial Calibration  
 Last ICal File: \\chromfs\Burlington\ChromData\CHW.i\20201210-44014.b\44014-016.d  
 Column 1 : RTX-624 ( 0.32 mm) Det: MS SCAN  
 Process Host: CTX1657

First Level Reviewer: phamvu

Date: 11-Dec-2020 08:31:53

| 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  | 4.030     | 3.944         | 0.086         | 89 | 9921     | 0.0362          | 0.0659            |       |
| 2 Dichlorodifluoromethane          | 85  | 4.121     | 4.046         | 0.075         | 98 | 18155    | 0.0366          | 0.0423            |       |
| 3 Chlorodifluoromethane            | 51  | 4.185     | 4.094         | 0.091         | 96 | 12546    | 0.0368          | 0.0470            |       |
| 4 1,2-Dichloro-1,1,2,2-tetrafluoro | 85  | 4.490     | 4.442         | 0.048         | 90 | 18950    | 0.0365          | 0.0431            |       |
| 5 Chloromethane                    | 50  | 4.576     | 4.533         | 0.043         | 26 | 393      | 0.0383          | 0.002574          |       |
| 6 Vinyl chloride                   | 62  | 4.929     | 4.870         | 0.059         | 66 | 8884     | 0.0364          | 0.0474            |       |
| 7 Butane                           | 43  | 4.934     | 4.886         | 0.048         | 95 | 13450    | 0.0363          | 0.0491            |       |
| 8 Butadiene                        | 54  | 5.062     | 4.998         | 0.064         | 33 | 7877     | 0.0355          | 0.0524            | M     |
| 9 Bromomethane                     | 94  | 5.785     | 5.736         | 0.049         | 27 | 5945     | 0.0362          | 0.0440            |       |
| 11 Chloroethane                    | 64  | 6.063     | 6.031         | 0.032         | 32 | 4637     | 0.0364          | 0.0585            |       |
| 12 2-Methylbutane                  | 43  | 6.277     | 6.255         | 0.022         | 82 | 7237     | 0.0366          | 0.0430            |       |
| 13 Vinyl bromide                   | 106 | 6.496     | 6.464         | 0.032         | 21 | 5585     | 0.0366          | 0.0429            |       |
| 14 Trichlorofluoromethane          | 101 | 6.657     | 6.635         | 0.022         | 98 | 15953    | 0.0370          | 0.0453            |       |
| 15 Pentane                         | 43  | 6.876     | 6.860         | 0.016         | 40 | 10443    | 0.0355          | 0.0434            |       |
| 16 Ethanol                         | 45  | 7.101     | 7.101         | 0.000         | 24 | 419      | 0.0702          | 0.006775          |       |
| 18 Ethyl ether                     | 59  | 7.304     | 7.304         | 0.000         | 20 | 415      | 0.0354          | 0.004591          |       |
| 19 Acrolein                        | 56  | 7.545     | 7.555         | -0.010        | 16 | 945      | 0.0341          | 0.0197            |       |
| 20 1,1-Dichloroethene              | 96  | 7.748     | 7.743         | 0.005         | 34 | 6359     | 0.0361          | 0.0466            |       |
| 21 112TCTFE                        | 101 | 7.807     | 7.791         | 0.016         | 77 | 12671    | 0.0368          | 0.0468            |       |
| 22 Acetone                         | 43  | 7.903     | 7.850         | 0.053         | 46 | 10408    | 0.0359          | 0.0555            |       |
| 24 Carbon disulfide                | 76  | 8.171     | 8.155         | 0.016         | 99 | 30294    | 0.0356          | 0.0812            |       |
| 23 Isopropyl alcohol               | 45  | 8.235     | 8.171         | 0.064         | 38 | 6783     | 0.0358          | 0.0328            |       |
| 25 Acetonitrile                    | 41  |           | 8.363         |               |    |          | ND              | ND                |       |
| 26 3-Chloro-1-propene              | 41  | 8.470     | 8.465         | 0.005         | 40 | 6519     | 0.0374          | 0.0407            |       |
| 27 Methylene Chloride              | 49  | 8.711     | 8.700         | 0.011         | 94 | 17581    | 0.0361          | 0.1190            |       |
| 28 2-Methyl-2-propanol             | 59  | 8.984     | 8.936         | 0.048         | 88 | 7219     | 0.0378          | 0.0305            |       |
| 29 Acrylonitrile                   | 53  | 9.112     | 9.128         | -0.016        | 7  | 325      | 0.0355          | 0.004757          |       |
| 30 trans-1,2-Dichloroethene        | 61  | 9.219     | 9.214         | 0.005         | 93 | 8143     | 0.0358          | 0.0444            |       |
| 31 Methyl tert-butyl ether         | 73  | 9.267     | 9.224         | 0.043         | 95 | 12878    | 0.0367          | 0.0379            |       |
| 32 Hexane                          | 57  | 9.738     | 9.727         | 0.011         | 91 | 7943     | 0.0371          | 0.0454            |       |

| 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  | 9.989     | 9.995         | -0.006        | 96 | 10410    | 0.0351          | 0.0429            |       |
| 34 Vinyl acetate               | 43  | 10.048    | 10.016        | 0.032         | 3  | 608      | 0.0364          | 0.002321          |       |
| S 35 1,2-Dichloroethene, Total | 61  |           |               |               | 0  |          | 0.0712          | 0.0874            |       |
| 36 2-Butanone (MEK)            | 72  | 11.075    | 10.985        | 0.090         | 31 | 813      | 0.0363          | 0.0143            |       |
| 37 cis-1,2-Dichloroethene      | 96  | 10.995    | 11.001        | -0.006        | 37 | 5934     | 0.0354          | 0.0431            | M     |
| 38 Ethyl acetate               | 88  | 11.118    | 11.070        | 0.048         | 40 | 201      | 0.0355          | 0.0184            |       |
| * 39 Chlorobromomethane        | 128 | 11.413    | 11.418        | -0.006        | 88 | 913638   | 10.0            | 10.0              |       |
| 40 Tetrahydrofuran             | 42  | 11.536    | 11.471        | 0.065         | 31 | 3467     | 0.0350          | 0.0274            |       |
| 41 Chloroform                  | 83  | 11.594    | 11.600        | -0.006        | 59 | 6449     | 0.0354          | 0.0229            |       |
| 42 1,1,1-Trichloroethane       | 97  | 11.905    | 11.905        | 0.000         | 95 | 7863     | 0.0357          | 0.0269            |       |
| 43 Cyclohexane                 | 84  | 12.038    | 12.038        | 0.000         | 94 | 6187     | 0.0356          | 0.0382            |       |
| 44 Carbon tetrachloride        | 117 | 12.178    | 12.188        | -0.010        | 97 | 12673    | 0.0356          | 0.0399            |       |
| 45 Benzene                     | 78  | 12.536    | 12.541        | -0.005        | 96 | 17966    | 0.0362          | 0.0478            |       |
| 46 1,2-Dichloroethane          | 62  | 12.611    | 12.622        | -0.011        | 85 | 6937     | 0.0363          | 0.0384            |       |
| 47 Isooctane                   | 57  | 12.750    | 12.755        | -0.005        | 98 | 21710    | 0.0367          | 0.0400            |       |
| 48 n-Heptane                   | 43  | 13.060    | 13.071        | -0.011        | 92 | 4410     | 0.0369          | 0.0218            |       |
| * 50 1,4-Difluorobenzene       | 114 | 13.285    | 13.285        | 0.000         | 96 | 4288062  | 10.0            | 10.0              |       |
| 53 n-Butanol                   | 56  | 13.392    | 13.515        | -0.123        | 27 | 769      | 0.0335          | 0.0102            |       |
| 51 Trichloroethene             | 95  | 13.713    | 13.718        | -0.005        | 92 | 7266     | 0.0369          | 0.0408            |       |
| 54 1,2-Dichloropropane         | 63  | 14.168    | 14.178        | -0.010        | 76 | 4955     | 0.0362          | 0.0348            |       |
| 55 Methyl methacrylate         | 69  |           | 14.269        |               |    |          | ND              | ND                |       |
| 56 1,4-Dioxane                 | 88  | 14.349    | 14.307        | 0.042         | 34 | 2300     | 0.0371          | 0.0294            |       |
| 57 Dibromomethane              | 174 | 14.344    | 14.339        | 0.005         | 91 | 7163     | 0.0361          | 0.0372            |       |
| 58 Dichlorobromomethane        | 83  | 14.654    | 14.649        | 0.005         | 95 | 12067    | 0.0371          | 0.0414            |       |
| 60 cis-1,3-Dichloropropene     | 75  | 15.452    | 15.462        | -0.010        | 44 | 2865     | 0.0364          | 0.0125            |       |
| 61 4-Methyl-2-pentanone (MIBK) | 43  | 15.751    | 15.719        | 0.032         | 45 | 4018     | 0.0359          | 0.0144            |       |
| 62 Toluene                     | 92  | 16.104    | 16.104        | 0.000         | 96 | 8069     | 0.0356          | 0.0331            |       |
| 63 n-Octane                    | 43  | 16.356    | 16.350        | 0.006         | 89 | 11092    | 0.0362          | 0.0379            |       |
| 64 trans-1,3-Dichloropropene   | 75  | 16.538    | 16.521        | 0.017         | 43 | 4681     | 0.0347          | 0.0217            |       |
| 65 1,1,2-Trichloroethane       | 83  |           | 16.896        |               |    |          | ND              | ND                |       |
| 66 Tetrachloroethene           | 166 | 17.099    | 17.094        | 0.005         | 94 | 10353    | 0.0368          | 0.0416            | M     |
| 67 2-Hexanone                  | 43  | 17.303    | 17.303        | 0.000         | 1  | 398      | 0.0350          | 0.001768          |       |
| 68 Chlorodibromomethane        | 129 | 17.645    | 17.640        | 0.005         | 95 | 4109     | 0.0340          | 0.0141            |       |
| 69 Ethylene Dibromide          | 107 | 17.880    | 17.880        | 0.000         | 91 | 8847     | 0.0372          | 0.0412            |       |
| * 70 Chlorobenzene-d5          | 117 | 18.790    | 18.795        | -0.005        | 86 | 3372173  | 10.0            | 10.0              |       |
| 71 Chlorobenzene               | 112 | 18.854    | 18.849        | 0.005         | 95 | 14798    | 0.0368          | 0.0426            |       |
| 73 Ethylbenzene                | 91  | 19.047    | 19.047        | 0.000         | 96 | 18853    | 0.0358          | 0.0346            |       |
| 74 m-Xylene & p-Xylene         | 106 | 19.303    | 19.303        | 0.000         | 0  | 8337     | 0.0721          | 0.0396            |       |
| 75 n-Nonane                    | 57  | 19.373    | 19.368        | 0.005         | 60 | 6939     | 0.0368          | 0.0285            |       |
| 76 o-Xylene                    | 106 | 20.084    | 20.084        | 0.000         | 94 | 8161     | 0.0363          | 0.0409            |       |
| S 77 Xylenes, Total            | 106 |           |               |               | 0  |          | 0.1085          | 0.0805            |       |
| 78 Styrene                     | 104 | 20.122    | 20.116        | 0.006         | 81 | 7325     | 0.0362          | 0.0241            |       |
| 79 Bromoform                   | 173 | 20.459    | 20.470        | -0.011        | 15 | 4527     | 0.0361          | 0.0179            |       |
| 80 Isopropylbenzene            | 105 | 20.780    | 20.780        | 0.000         | 96 | 20933    | 0.0366          | 0.0357            |       |
| 81 1,1,2,2-Tetrachloroethane   | 83  | 21.293    | 21.293        | 0.000         | 96 | 13974    | 0.0363          | 0.0449            |       |
| 82 1,2,3-Trichloropropane      | 75  | 21.406    | 21.395        | 0.011         | 92 | 10851    | 0.0371          | 0.0436            |       |
| 83 N-Propylbenzene             | 91  | 21.502    | 21.497        | 0.005         | 98 | 23706    | 0.0365          | 0.0343            |       |
| 84 2-Chlorotoluene             | 91  | 21.641    | 21.641        | 0.000         | 93 | 16337    | 0.0366          | 0.0372            |       |
| 85 4-Ethyltoluene              | 105 | 21.695    | 21.695        | 0.000         | 97 | 19719    | 0.0362          | 0.0344            |       |
| 86 1,3,5-Trimethylbenzene      | 105 | 21.791    | 21.791        | 0.000         | 77 | 17182    | 0.0364          | 0.0352            |       |
| 87 n-Decane                    | 57  | 21.823    | 21.818        | 0.005         | 93 | 8182     | 0.0366          | 0.0271            |       |
| 88 Alpha Methyl Styrene        | 118 | 22.123    | 22.117        | 0.006         | 78 | 6835     | 0.0358          | 0.0280            |       |

| Compound                   | Sig | RT (min.) | Adj RT (min.) | Dlt RT (min.) | Q  | Response | Cal Amt ppb v/v | OnCol Amt ppb v/v | Flags |
|----------------------------|-----|-----------|---------------|---------------|----|----------|-----------------|-------------------|-------|
| 89 tert-Butylbenzene       | 119 | 22.272    | 22.267        | 0.005         | 91 | 17906    | 0.0363          | 0.0358            |       |
| 90 1,2,4-Trimethylbenzene  | 105 | 22.358    | 22.358        | 0.000         | 96 | 15932    | 0.0365          | 0.0327            |       |
| 91 sec-Butylbenzene        | 105 | 22.593    | 22.593        | 0.000         | 98 | 25849    | 0.0367          | 0.0356            |       |
| 92 1,3-Dichlorobenzene     | 146 | 22.775    | 22.765        | 0.010         | 93 | 10624    | 0.0371          | 0.0343            |       |
| 93 4-Isopropyltoluene      | 119 | 22.802    | 22.807        | -0.005        | 92 | 21740    | 0.0362          | 0.0350            |       |
| 94 1,4-Dichlorobenzene     | 146 | 22.914    | 22.909        | 0.005         | 96 | 8472     | 0.0367          | 0.0300            |       |
| 95 Benzyl chloride         | 91  | 23.059    | 23.053        | 0.006         | 95 | 8903     | 0.0371          | 0.0277            |       |
| 96 n-Butylbenzene          | 91  | 23.364    | 23.364        | 0.000         | 97 | 15536    | 0.0364          | 0.0289            |       |
| 97 1,2-Dichlorobenzene     | 146 | 23.396    | 23.396        | 0.000         | 93 | 10897    | 0.0366          | 0.0336            |       |
| 98 Undecane                | 57  | 23.519    | 23.514        | 0.005         | 94 | 8158     | 0.0367          | 0.0255            |       |
| 99 Dodecane                | 57  | 25.097    | 25.097        | 0.000         | 23 | 1783     | 0.0328          | 0.005266          |       |
| 100 1,2,4-Trichlorobenzene | 180 | 25.835    | 25.835        | 0.000         | 74 | 4737     | 0.0381          | 0.0255            |       |
| 101 Hexachlorobutadiene    | 225 | 26.076    | 26.081        | -0.005        | 93 | 12701    | 0.0360          | 0.0386            |       |
| 102 Naphthalene            | 128 | 26.322    | 26.317        | 0.005         | 76 | 8787     | 0.0341          | 0.0227            |       |
| 103 1,2,3-Trichlorobenzene | 180 | 26.718    | 26.723        | -0.005        | 34 | 4053     | 0.0320          | 0.0197            |       |
| 112 Methylcyclohexane      | 83  |           | 0.000         |               |    |          | ND              | ND                |       |

**QC Flag Legend**

## Processing Flags

ND - Not Detected or Marked ND

## Review Flags

M - Manually Integrated

**Reagents:**

ATTO15CAL1w\_00222

Amount Added: 35.00

Units: mL

ATTO15WISs\_00009

Amount Added: 20.00

Units: mL

Run Reagent

Report Date: 11-Dec-2020 10:11:23

Chrom Revision: 2.3 12-Nov-2020 21:52:08

Eurofins TestAmerica, Burlington

Data File: \\chromfs\Burlington\ChromData\CHW.i\20201210-44014.b\44014-004.d

Injection Date: 10-Dec-2020 18:26:30

Instrument ID: CHW.i

Operator ID: ggg

Lims ID: ic

Worklist Smp#: 4

Client ID:

Purge Vol: 200.000 mL

Dil. Factor: 1.0000

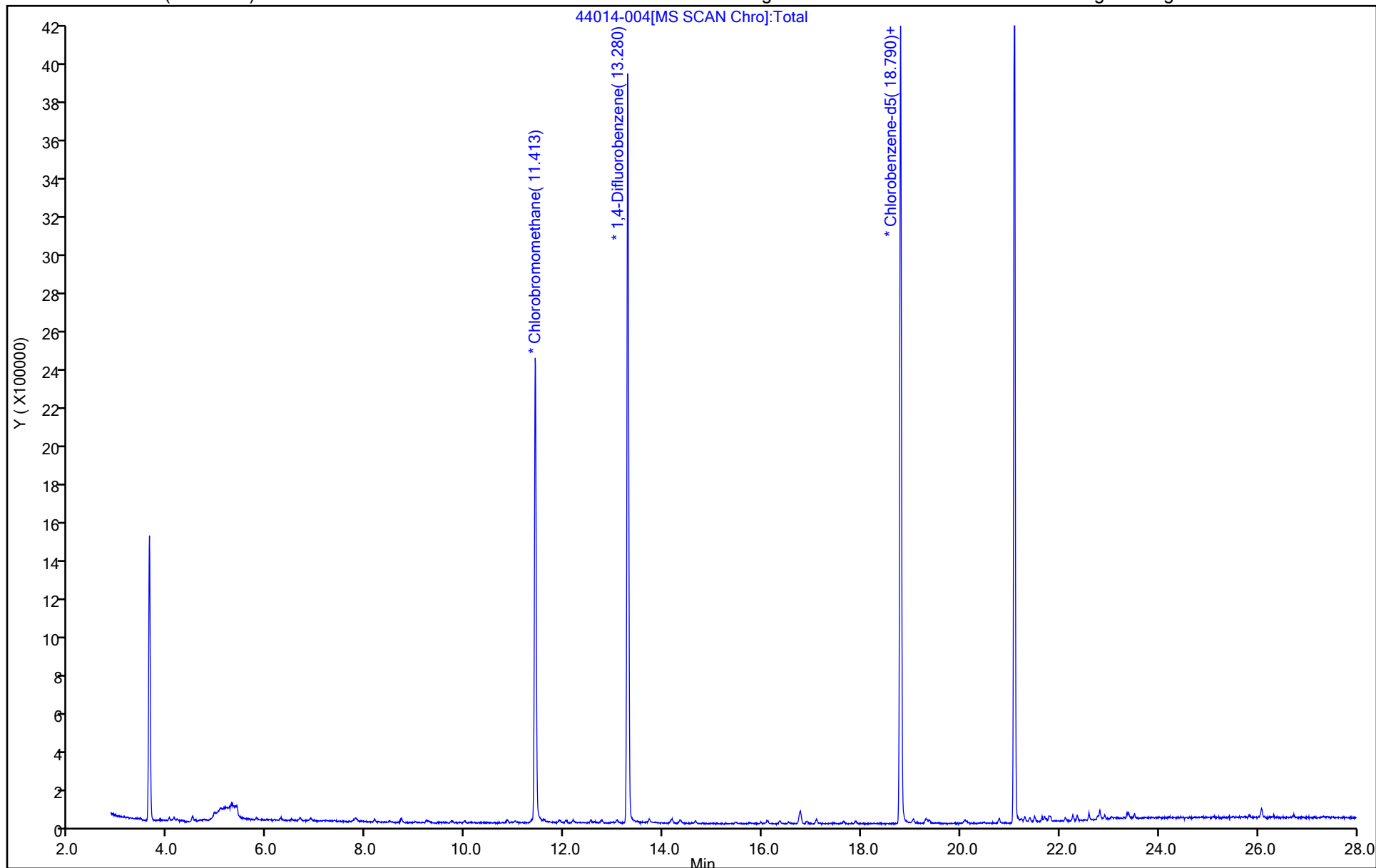
ALS Bottle#: 3

Method: TO15\_TO3\_MasterMethod\_W

Limit Group: AI\_TO15\_ICAL

Column: RTX-624 ( 0.32 mm)

Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



## Eurofins TestAmerica, Burlington

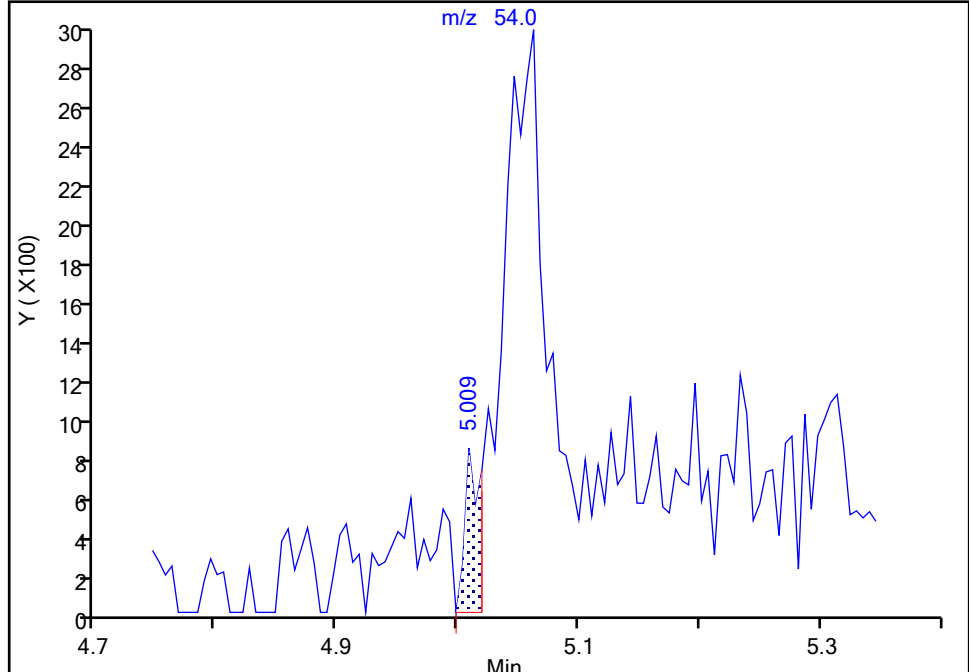
Data File: \\chromfs\Burlington\ChromData\CHW.i\20201210-44014.b\44014-004.d  
Injection Date: 10-Dec-2020 18:26:30 Instrument ID: CHW.i  
Lims ID: ic  
Client ID:  
Operator ID: ggg ALS Bottle#: 3 Worklist Smp#: 4  
Purge Vol: 200.000 mL Dil. Factor: 1.0000  
Method: TO15\_TO3\_MasterMethod\_W Limit Group: AI\_TO15\_ICAL  
Column: RTX-624 ( 0.32 mm) Detector: MS SCAN

**8 Butadiene, CAS: 106-99-0**

Signal: 1

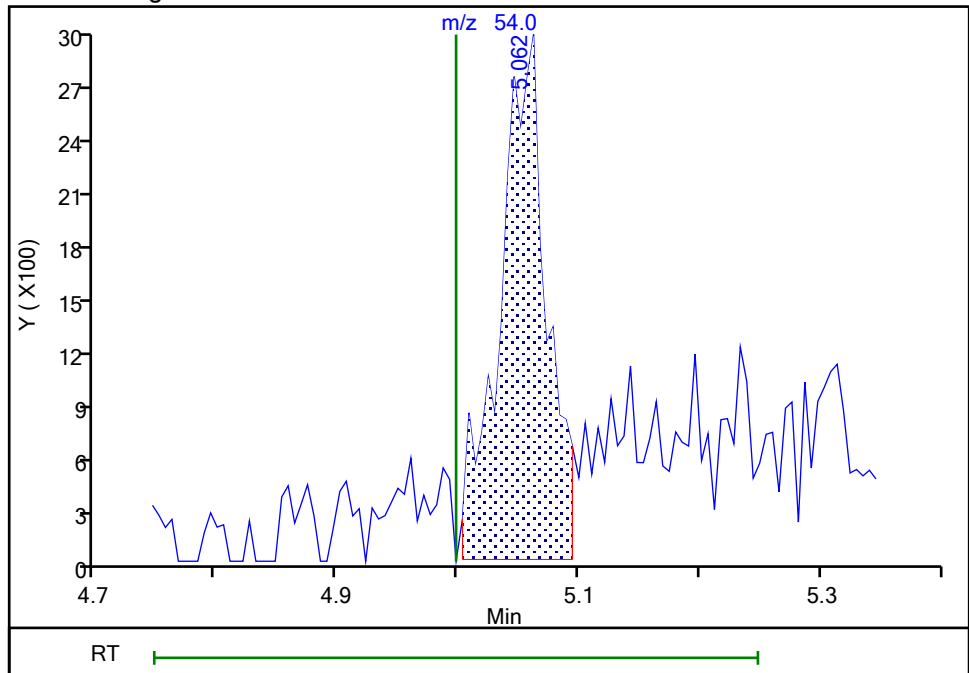
RT: 5.01  
Area: 738  
Amount: 0.005882  
Amount Units: ppb v/v

## Processing Integration Results



RT: 5.06  
Area: 7877  
Amount: 0.052438  
Amount Units: ppb v/v

## Manual Integration Results



Reviewer: phamvu, 11-Dec-2020 08:30:39

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

## Eurofins TestAmerica, Burlington

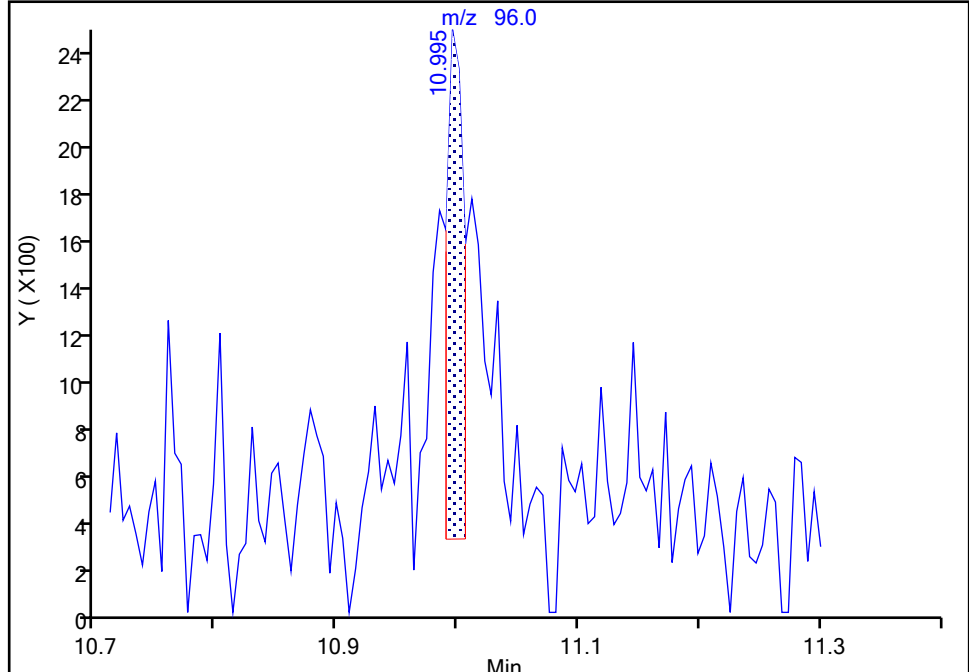
Data File: \\chromfs\Burlington\ChromData\CHW.i\20201210-44014.b\44014-004.d  
Injection Date: 10-Dec-2020 18:26:30 Instrument ID: CHW.i  
Lims ID: ic  
Client ID:  
Operator ID: ggg ALS Bottle#: 3 Worklist Smp#: 4  
Purge Vol: 200.000 mL Dil. Factor: 1.0000  
Method: TO15\_TO3\_MasterMethod\_W Limit Group: AI\_TO15\_ICAL  
Column: RTX-624 ( 0.32 mm) Detector MS SCAN

**37 cis-1,2-Dichloroethene, CAS: 156-59-2**

Signal: 1

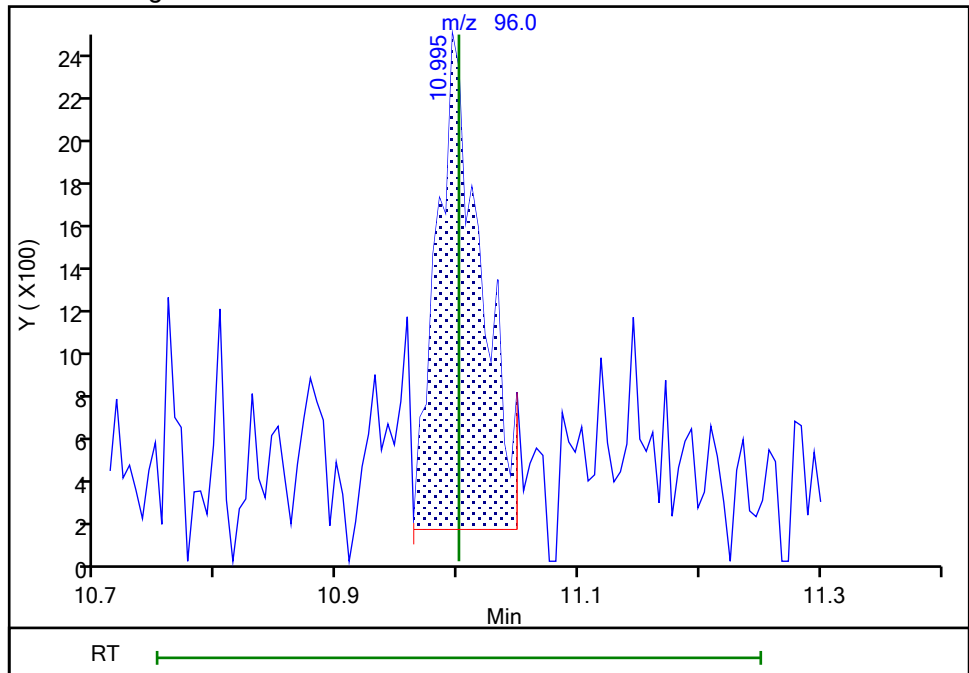
RT: 11.00  
Area: 2152  
Amount: 0.017079  
Amount Units: ppb v/v

## Processing Integration Results



RT: 11.00  
Area: 5934  
Amount: 0.043056  
Amount Units: ppb v/v

## Manual Integration Results



Reviewer: phamvu, 11-Dec-2020 08:31:13

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration



## Eurofins TestAmerica, Burlington

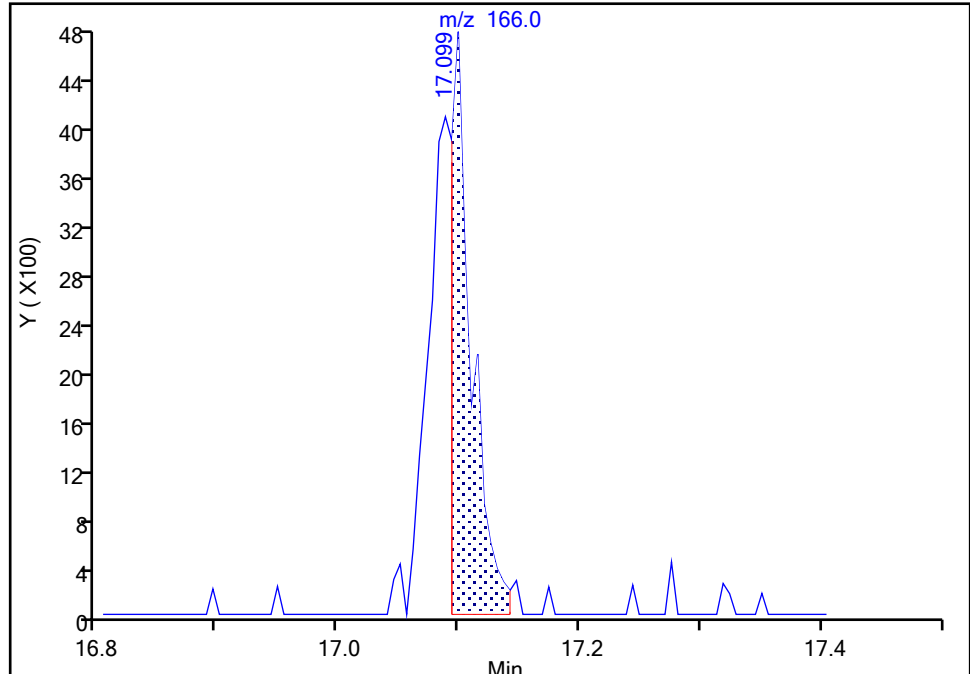
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Injection Date: 10-Dec-2020 18:26:30 Instrument ID: CHW.i  
Lims ID: ic  
Client ID:  
Operator ID: ggg ALS Bottle#: 3 Worklist Smp#: 4  
Purge Vol: 200.000 mL Dil. Factor: 1.0000  
Method: TO15\_TO3\_MasterMethod\_W Limit Group: AI\_TO15\_ICAL  
Column: RTX-624 ( 0.32 mm) Detector: MS SCAN

**66 Tetrachloroethene, CAS: 127-18-4**

Signal: 1

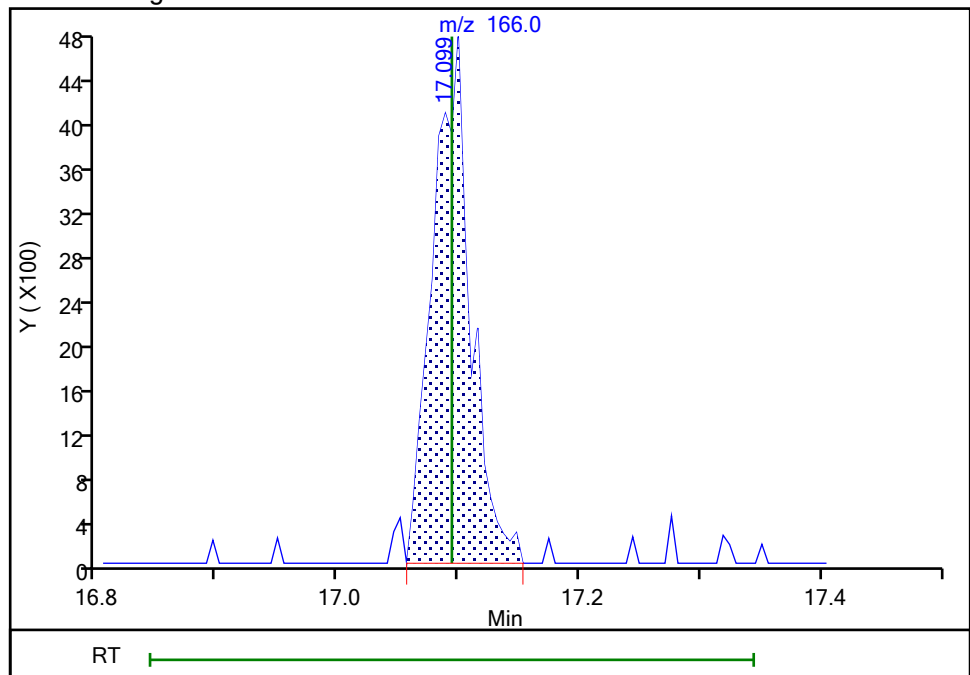
RT: 17.10  
Area: 5692  
Amount: 0.024154  
Amount Units: ppb v/v

## Processing Integration Results



RT: 17.10  
Area: 10353  
Amount: 0.041619  
Amount Units: ppb v/v

## Manual Integration Results



Reviewer: phamvu, 11-Dec-2020 08:31:48

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins TestAmerica, Burlington  
Target Compound Quantitation Report

Data File: \\chromfs\Burlington\ChromData\CHW.i\20201210-44014.b\44014-005.d  
 Lims ID: ic  
 Client ID:  
 Sample Type: IC Calib Level: 2  
 Inject. Date: 10-Dec-2020 19:20:30 ALS Bottle#: 4 Worklist Smp#: 5  
 Purge Vol: 200.000 mL Dil. Factor: 1.0000  
 Sample Info: 200-0044014-005  
 Misc. Info.: ic-02  
 Operator ID: ggg Instrument ID: CHW.i  
 Sublist: chrom-TO15\_TO3\_MasterMethod\_W\*sub5  
 Method: \\chromfs\Burlington\ChromData\CHW.i\20201210-44014.b\TO15\_TO3\_MasterMethod\_W.m  
 Limit Group: AI\_TO15\_ICAL  
 Last Update: 11-Dec-2020 10:11:24 Calib Date: 11-Dec-2020 05:25:30  
 Integrator: RTE ID Type: Deconvolution ID  
 Quant Method: Internal Standard Quant By: Initial Calibration  
 Last ICal File: \\chromfs\Burlington\ChromData\CHW.i\20201210-44014.b\44014-016.d  
 Column 1 : RTX-624 ( 0.32 mm) Det: MS SCAN  
 Process Host: CTX1657

First Level Reviewer: phamvu

Date: 11-Dec-2020 08:35:51

| 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  | 3.982     | 3.944         | 0.038         | 97 | 33172    | 0.1862          | 0.2354            |       |
| 2 Dichlorodifluoromethane          | 85  | 4.078     | 4.046         | 0.032         | 99 | 85437    | 0.1883          | 0.2127            |       |
| 3 Chlorodifluoromethane            | 51  | 4.131     | 4.094         | 0.037         | 97 | 51708    | 0.1891          | 0.2071            |       |
| 4 1,2-Dichloro-1,1,2,2-tetrafluoro | 85  | 4.452     | 4.442         | 0.010         | 93 | 83432    | 0.1878          | 0.2030            |       |
| 5 Chloromethane                    | 50  | 4.570     | 4.533         | 0.037         | 97 | 32520    | 0.1970          | 0.2276            |       |
| 6 Vinyl chloride                   | 62  | 4.891     | 4.870         | 0.021         | 71 | 35015    | 0.1874          | 0.1994            |       |
| 7 Butane                           | 43  | 4.891     | 4.886         | 0.005         | 99 | 58779    | 0.1869          | 0.2291            |       |
| 8 Butadiene                        | 54  | 5.014     | 4.998         | 0.016         | 95 | 26325    | 0.1826          | 0.1873            |       |
| 9 Bromomethane                     | 94  | 5.752     | 5.736         | 0.016         | 96 | 26720    | 0.1860          | 0.2116            |       |
| 11 Chloroethane                    | 64  | 6.036     | 6.031         | 0.005         | 98 | 16490    | 0.1874          | 0.2225            |       |
| 12 2-Methylbutane                  | 43  | 6.244     | 6.255         | -0.011        | 97 | 32748    | 0.1883          | 0.2080            |       |
| 13 Vinyl bromide                   | 106 | 6.464     | 6.464         | 0.000         | 95 | 24282    | 0.1880          | 0.1995            |       |
| 14 Trichlorofluoromethane          | 101 | 6.635     | 6.635         | 0.000         | 98 | 69766    | 0.1905          | 0.2115            |       |
| 15 Pentane                         | 43  | 6.849     | 6.860         | -0.011        | 98 | 44210    | 0.1827          | 0.1964            |       |
| 16 Ethanol                         | 45  |           | 7.101         |               |    |          | ND              | ND                | U     |
| 18 Ethyl ether                     | 59  | 7.336     | 7.304         | 0.032         | 94 | 15899    | 0.1818          | 0.1880            |       |
| 19 Acrolein                        | 56  | 7.609     | 7.555         | 0.054         | 36 | 7041     | 0.1753          | 0.1565            |       |
| 20 1,1-Dichloroethene              | 96  | 7.732     | 7.743         | -0.011        | 99 | 26490    | 0.1854          | 0.2075            |       |
| 21 112TCTFE                        | 101 | 7.780     | 7.791         | -0.011        | 97 | 52521    | 0.1892          | 0.2075            |       |
| 22 Acetone                         | 43  |           | 7.850         |               |    |          | ND              | ND                | U     |
| 24 Carbon disulfide                | 76  | 8.144     | 8.155         | -0.011        | 99 | 82883    | 0.1833          | 0.2373            |       |
| 23 Isopropyl alcohol               | 45  |           | 8.171         |               |    |          | ND              | ND                | U     |
| 25 Acetonitrile                    | 41  |           | 8.363         |               |    |          | ND              | ND                |       |
| 26 3-Chloro-1-propene              | 41  | 8.454     | 8.465         | -0.011        | 97 | 32018    | 0.1921          | 0.2135            |       |
| 27 Methylene Chloride              | 49  | 8.695     | 8.700         | -0.005        | 90 | 38325    | 0.1854          | 0.2773            |       |
| 28 2-Methyl-2-propanol             | 59  | 8.962     | 8.936         | 0.026         | 96 | 39799    | 0.1945          | 0.1797            |       |
| 29 Acrylonitrile                   | 53  | 9.160     | 9.128         | 0.032         | 40 | 5885     | 0.1824          | 0.0921            |       |
| 30 trans-1,2-Dichloroethene        | 61  | 9.198     | 9.214         | -0.016        | 94 | 33673    | 0.1840          | 0.1961            |       |
| 31 Methyl tert-butyl ether         | 73  | 9.251     | 9.224         | 0.027         | 97 | 58182    | 0.1885          | 0.1831            |       |
| 32 Hexane                          | 57  | 9.711     | 9.727         | -0.016        | 91 | 32197    | 0.1910          | 0.1965            |       |

| 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  | 9.979     | 9.995         | -0.016        | 99 | 43035    | 0.1804          | 0.1897            |       |
| 34 Vinyl acetate               | 43  | 10.037    | 10.016        | 0.021         | 99 | 29165    | 0.1874          | 0.1190            |       |
| S 35 1,2-Dichloroethene, Total | 61  |           |               |               | 0  |          | 0.3662          | 0.3894            |       |
| 36 2-Butanone (MEK)            | 72  | 11.006    | 10.985        | 0.021         | 99 | 6381     | 0.1865          | 0.1201            |       |
| 37 cis-1,2-Dichloroethene      | 96  | 10.984    | 11.001        | -0.017        | 92 | 24934    | 0.1822          | 0.1933            |       |
| 38 Ethyl acetate               | 88  | 11.118    | 11.070        | 0.048         | 78 | 1596     | 0.1827          | 0.1564            | M     |
| * 39 Chlorobromomethane        | 128 | 11.407    | 11.418        | -0.011        | 87 | 854960   | 10.0            | 10.0              |       |
| 40 Tetrahydrofuran             | 42  | 11.498    | 11.471        | 0.027         | 84 | 19737    | 0.1802          | 0.1661            |       |
| 41 Chloroform                  | 83  | 11.589    | 11.600        | -0.011        | 98 | 51244    | 0.1822          | 0.1946            |       |
| 42 1,1,1-Trichloroethane       | 97  | 11.899    | 11.905        | -0.006        | 95 | 54665    | 0.1838          | 0.1985            |       |
| 43 Cyclohexane                 | 84  | 12.028    | 12.038        | -0.010        | 94 | 27076    | 0.1831          | 0.1778            | M     |
| 44 Carbon tetrachloride        | 117 | 12.172    | 12.188        | -0.016        | 98 | 57100    | 0.1833          | 0.1913            |       |
| 45 Benzene                     | 78  | 12.536    | 12.541        | -0.005        | 95 | 72814    | 0.1863          | 0.2060            |       |
| 46 1,2-Dichloroethane          | 62  | 12.611    | 12.622        | -0.011        | 97 | 34730    | 0.1869          | 0.2043            |       |
| 47 Isooctane                   | 57  | 12.755    | 12.755        | 0.000         | 97 | 93176    | 0.1889          | 0.1824            |       |
| 48 n-Heptane                   | 43  | 13.060    | 13.071        | -0.011        | 93 | 34744    | 0.1896          | 0.1826            |       |
| * 50 1,4-Difluorobenzene       | 114 | 13.279    | 13.285        | -0.006        | 94 | 4033586  | 10.0            | 10.0              |       |
| 53 n-Butanol                   | 56  |           | 13.515        |               |    |          | ND              | ND                | U     |
| 51 Trichloroethene             | 95  | 13.707    | 13.718        | -0.011        | 95 | 31483    | 0.1900          | 0.1880            |       |
| 54 1,2-Dichloropropane         | 63  | 14.178    | 14.178        | 0.000         | 69 | 26181    | 0.1860          | 0.1955            | M     |
| 55 Methyl methacrylate         | 69  | 14.274    | 14.269        | 0.005         | 94 | 13603    | 0.1833          | 0.1145            | M     |
| 56 1,4-Dioxane                 | 88  | 14.328    | 14.307        | 0.021         | 45 | 10739    | 0.1909          | 0.1461            |       |
| 57 Dibromomethane              | 174 | 14.333    | 14.339        | -0.006        | 93 | 38222    | 0.1858          | 0.2112            |       |
| 58 Dichlorobromomethane        | 83  | 14.644    | 14.649        | -0.005        | 98 | 51484    | 0.1907          | 0.1878            |       |
| 60 cis-1,3-Dichloropropene     | 75  | 15.457    | 15.462        | -0.005        | 95 | 34045    | 0.1874          | 0.1582            |       |
| 61 4-Methyl-2-pentanone (MIBK) | 43  | 15.724    | 15.719        | 0.005         | 98 | 32078    | 0.1847          | 0.1225            |       |
| 62 Toluene                     | 92  | 16.093    | 16.104        | -0.011        | 93 | 42803    | 0.1833          | 0.1797            |       |
| 63 n-Octane                    | 43  | 16.350    | 16.350        | 0.000         | 89 | 42411    | 0.1863          | 0.1542            |       |
| 64 trans-1,3-Dichloropropene   | 75  | 16.521    | 16.521        | 0.000         | 97 | 29370    | 0.1782          | 0.1447            |       |
| 65 1,1,2-Trichloroethane       | 83  | 16.896    | 16.896        | 0.000         | 98 | 23981    | 0.1891          | 0.1989            |       |
| 66 Tetrachloroethene           | 166 | 17.088    | 17.094        | -0.006        | 93 | 50627    | 0.1894          | 0.2082            |       |
| 67 2-Hexanone                  | 43  | 17.329    | 17.303        | 0.026         | 91 | 15925    | 0.1802          | 0.0724            |       |
| 68 Chlorodibromomethane        | 129 | 17.639    | 17.640        | -0.001        | 96 | 40806    | 0.1746          | 0.1434            |       |
| 69 Ethylene Dibromide          | 107 | 17.880    | 17.880        | 0.000         | 99 | 39543    | 0.1914          | 0.1882            |       |
| * 70 Chlorobenzene-d5          | 117 | 18.790    | 18.795        | -0.005        | 86 | 3296908  | 10.0            | 10.0              |       |
| 71 Chlorobenzene               | 112 | 18.848    | 18.849        | -0.001        | 94 | 67146    | 0.1892          | 0.1979            |       |
| 73 Ethylbenzene                | 91  | 19.046    | 19.047        | -0.001        | 98 | 90872    | 0.1844          | 0.1707            |       |
| 74 m-Xylene & p-Xylene         | 106 | 19.314    | 19.303        | 0.011         | 0  | 67895    | 0.3709          | 0.3294            | M     |
| 75 n-Nonane                    | 57  | 19.367    | 19.368        | -0.001        | 91 | 37739    | 0.1891          | 0.1586            |       |
| 76 o-Xylene                    | 106 | 20.084    | 20.084        | 0.000         | 98 | 31722    | 0.1869          | 0.1628            |       |
| S 77 Xylenes, Total            | 106 |           |               |               | 0  |          | 0.5578          | 0.4922            |       |
| 78 Styrene                     | 104 | 20.122    | 20.116        | 0.006         | 97 | 38753    | 0.1862          | 0.1306            |       |
| 79 Bromoform                   | 173 | 20.464    | 20.470        | -0.006        | 95 | 20082    | 0.1856          | 0.0811            |       |
| 80 Isopropylbenzene            | 105 | 20.780    | 20.780        | 0.000         | 96 | 91160    | 0.1882          | 0.1590            |       |
| 81 1,1,2,2-Tetrachloroethane   | 83  | 21.299    | 21.293        | 0.006         | 99 | 59135    | 0.1865          | 0.1942            |       |
| 82 1,2,3-Trichloropropane      | 75  | 21.400    | 21.395        | 0.005         | 97 | 48648    | 0.1910          | 0.1999            |       |
| 83 N-Propylbenzene             | 91  | 21.496    | 21.497        | -0.001        | 98 | 107189   | 0.1876          | 0.1585            |       |
| 84 2-Chlorotoluene             | 91  | 21.641    | 21.641        | 0.000         | 97 | 69689    | 0.1883          | 0.1623            |       |
| 85 4-Ethyltoluene              | 105 | 21.694    | 21.695        | -0.001        | 99 | 83429    | 0.1863          | 0.1491            |       |
| 86 1,3,5-Trimethylbenzene      | 105 | 21.785    | 21.791        | -0.006        | 93 | 75475    | 0.1874          | 0.1580            |       |
| 87 n-Decane                    | 57  | 21.817    | 21.818        | -0.001        | 95 | 41696    | 0.1880          | 0.1415            |       |
| 88 Alpha Methyl Styrene        | 118 | 22.117    | 22.117        | 0.000         | 89 | 32279    | 0.1840          | 0.1352            |       |

| Compound                   | Sig | RT (min.) | Adj RT (min.) | Dlt RT (min.) | Q  | Response | Cal Amt ppb v/v | OnCol Amt ppb v/v | Flags |
|----------------------------|-----|-----------|---------------|---------------|----|----------|-----------------|-------------------|-------|
| 89 tert-Butylbenzene       | 119 | 22.267    | 22.267        | 0.000         | 94 | 80562    | 0.1869          | 0.1646            |       |
| 90 1,2,4-Trimethylbenzene  | 105 | 22.358    | 22.358        | 0.000         | 97 | 75201    | 0.1876          | 0.1578            |       |
| 91 sec-Butylbenzene        | 105 | 22.593    | 22.593        | 0.000         | 98 | 112238   | 0.1887          | 0.1583            |       |
| 92 1,3-Dichlorobenzene     | 146 | 22.764    | 22.765        | -0.001        | 96 | 45921    | 0.1909          | 0.1518            |       |
| 93 4-Isopropyltoluene      | 119 | 22.807    | 22.807        | 0.000         | 96 | 94310    | 0.1860          | 0.1554            |       |
| 94 1,4-Dichlorobenzene     | 146 | 22.909    | 22.909        | 0.000         | 96 | 36478    | 0.1889          | 0.1322            |       |
| 95 Benzyl chloride         | 91  | 23.059    | 23.053        | 0.006         | 98 | 40882    | 0.1909          | 0.1300            |       |
| 96 n-Butylbenzene          | 91  | 23.364    | 23.364        | 0.000         | 97 | 79795    | 0.1874          | 0.1519            |       |
| 97 1,2-Dichlorobenzene     | 146 | 23.401    | 23.396        | 0.005         | 97 | 51229    | 0.1883          | 0.1616            |       |
| 98 Undecane                | 57  | 23.513    | 23.514        | -0.001        | 92 | 38646    | 0.1887          | 0.1236            |       |
| 99 Dodecane                | 57  | 25.097    | 25.097        | 0.000         | 92 | 18232    | 0.1689          | 0.0551            |       |
| 100 1,2,4-Trichlorobenzene | 180 | 25.835    | 25.835        | 0.000         | 92 | 18133    | 0.1959          | 0.0996            |       |
| 101 Hexachlorobutadiene    | 225 | 26.076    | 26.081        | -0.005        | 97 | 59287    | 0.1851          | 0.1842            |       |
| 102 Naphthalene            | 128 | 26.311    | 26.317        | -0.006        | 98 | 34166    | 0.1753          | 0.0903            |       |
| 103 1,2,3-Trichlorobenzene | 180 | 26.723    | 26.723        | 0.000         | 93 | 24291    | 0.1645          | 0.1208            |       |
| 112 Methylcyclohexane      | 83  |           | 0.000         |               |    |          | ND              | ND                |       |

**QC Flag Legend**

## Processing Flags

ND - Not Detected or Marked ND

## Review Flags

M - Manually Integrated

U - Marked Undetected

**Reagents:**

ATTO15CAL1w\_00222

Amount Added: 180.00

Units: mL

ATTO15WISs\_00009

Amount Added: 20.00

Units: mL

Run Reagent

Report Date: 11-Dec-2020 10:11:24

Chrom Revision: 2.3 12-Nov-2020 21:52:08

Eurofins TestAmerica, Burlington

Data File: \\chromfs\Burlington\ChromData\CHW.i\20201210-44014.b\44014-005.d

Injection Date: 10-Dec-2020 19:20:30

Instrument ID: CHW.i

Operator ID: ggg

Lims ID: ic

Worklist Smp#: 5

Client ID:

Purge Vol: 200.000 mL

Dil. Factor: 1.0000

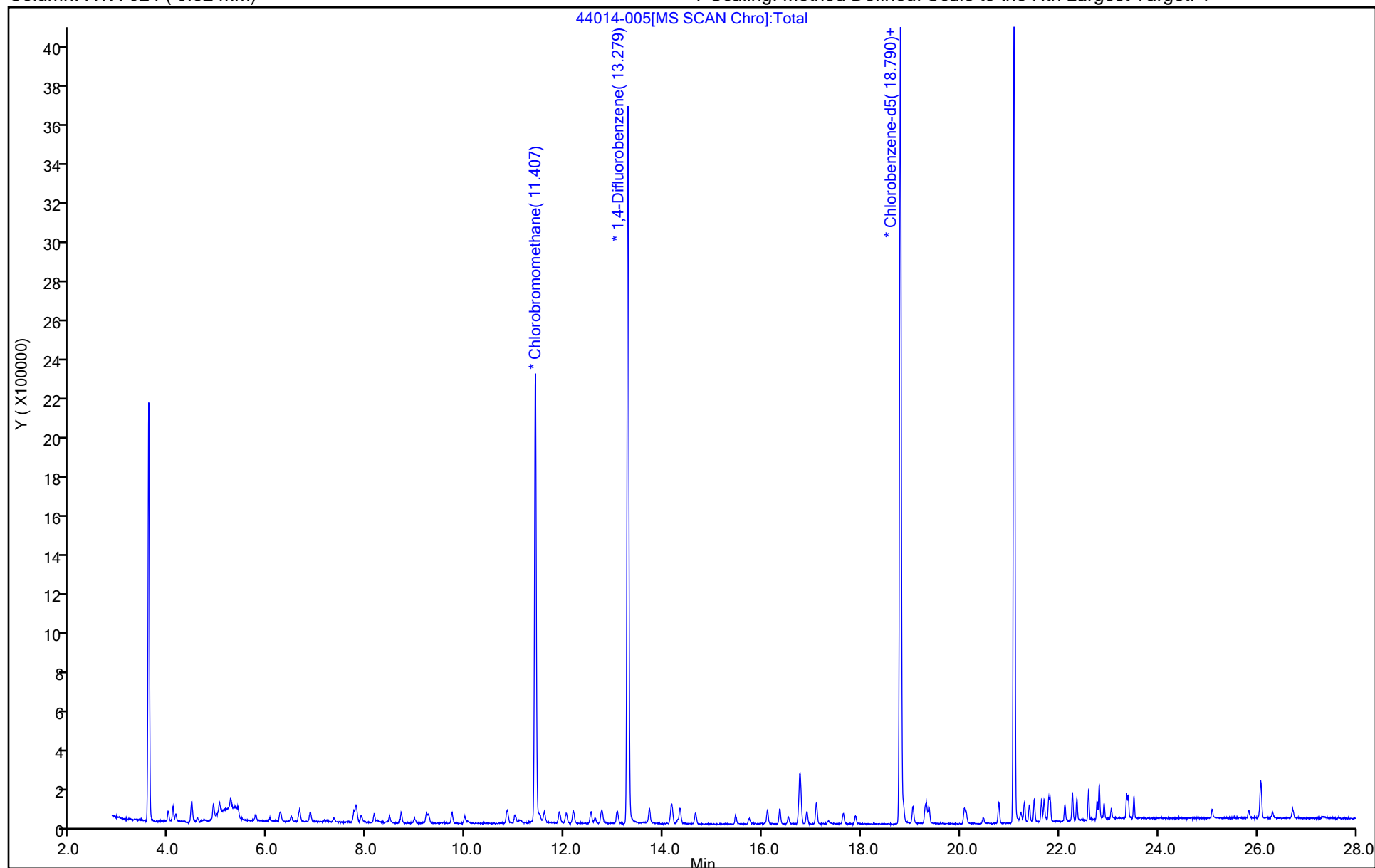
ALS Bottle#: 4

Method: TO15\_TO3\_MasterMethod\_W

Limit Group: AI\_TO15\_ICAL

Column: RTX-624 (0.32 mm)

Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



## Eurofins TestAmerica, Burlington

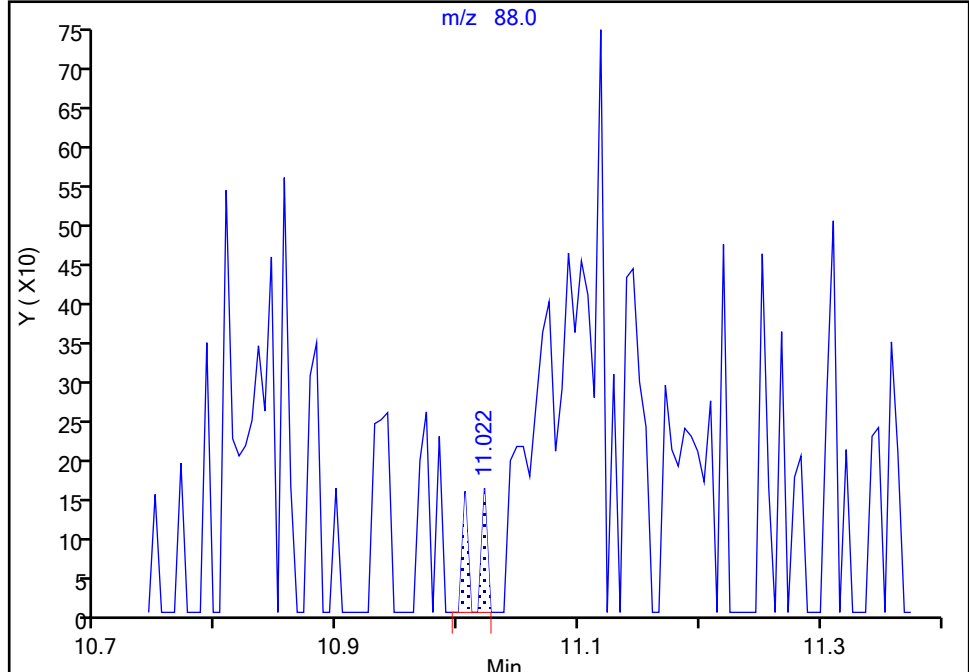
Data File: \\chromfs\Burlington\ChromData\CHW.i\20201210-44014.b\44014-005.d  
Injection Date: 10-Dec-2020 19:20:30 Instrument ID: CHW.i  
Lims ID: ic  
Client ID:  
Operator ID: ggg ALS Bottle#: 4 Worklist Smp#: 5  
Purge Vol: 200.000 mL Dil. Factor: 1.0000  
Method: TO15\_TO3\_MasterMethod\_W Limit Group: AI\_TO15\_ICAL  
Column: RTX-624 ( 0.32 mm) Detector: MS SCAN

**38 Ethyl acetate, CAS: 141-78-6**

Signal: 1

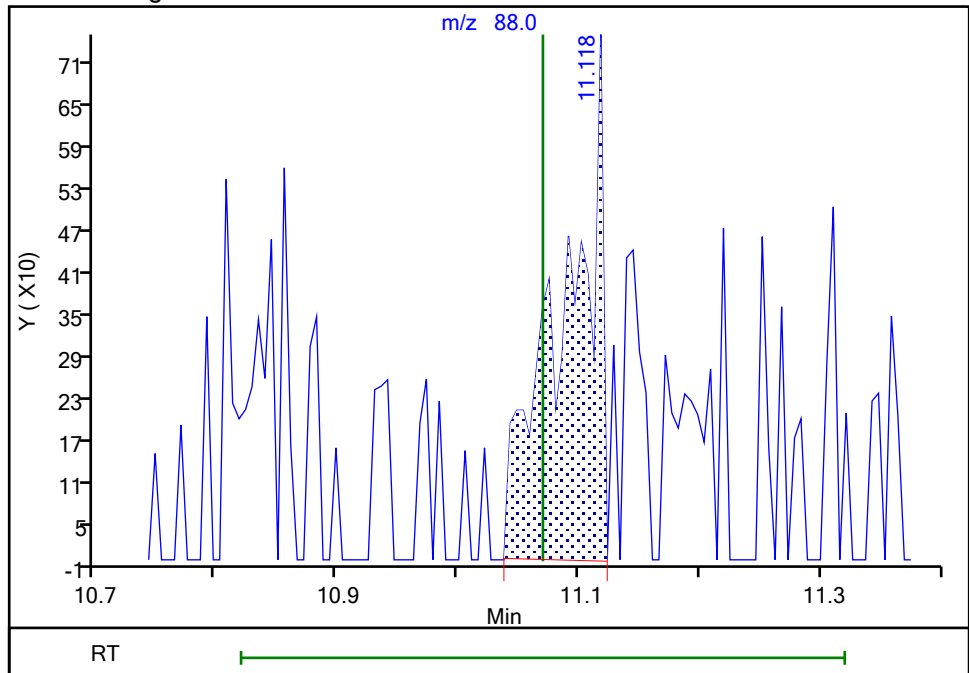
RT: 11.02  
Area: 100  
Amount: 0.010474  
Amount Units: ppb v/v

## Processing Integration Results



RT: 11.12  
Area: 1596  
Amount: 0.156405  
Amount Units: ppb v/v

## Manual Integration Results



Reviewer: phamvu, 11-Dec-2020 08:33:40

Audit Action: Manually Integrated

Audit Reason: Assign Peak

## Eurofins TestAmerica, Burlington

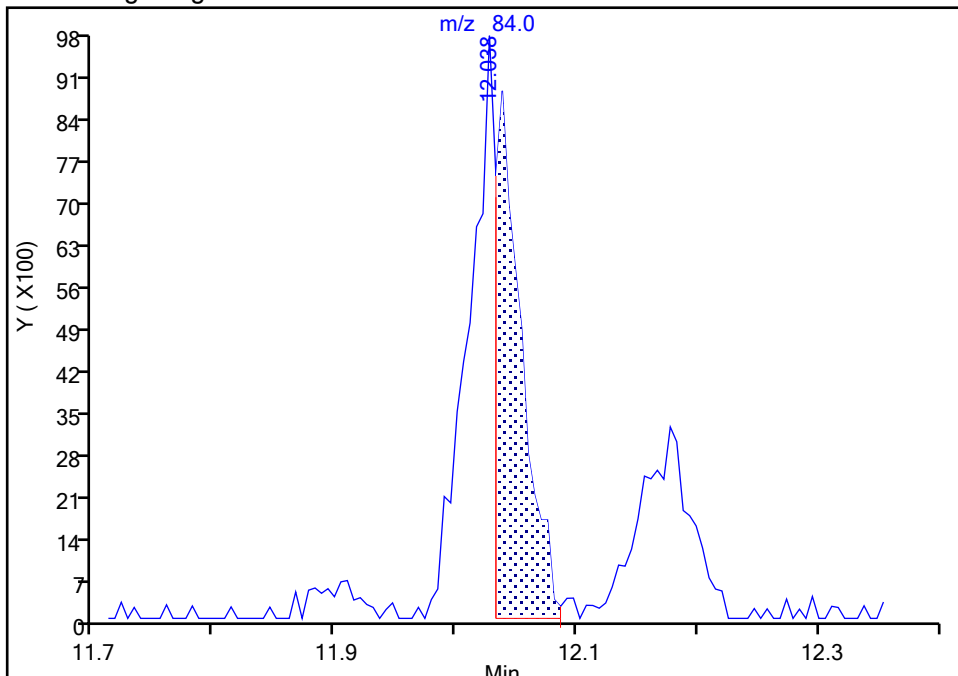
Data File: \\chromfs\Burlington\ChromData\CHW.i\20201210-44014.b\44014-005.d  
Injection Date: 10-Dec-2020 19:20:30 Instrument ID: CHW.i  
Lims ID: ic  
Client ID:  
Operator ID: ggg ALS Bottle#: 4 Worklist Smp#: 5  
Purge Vol: 200.000 mL Dil. Factor: 1.0000  
Method: TO15\_TO3\_MasterMethod\_W Limit Group: AI\_TO15\_ICAL  
Column: RTX-624 ( 0.32 mm) Detector: MS SCAN

**43 Cyclohexane, CAS: 110-82-7**

Signal: 1

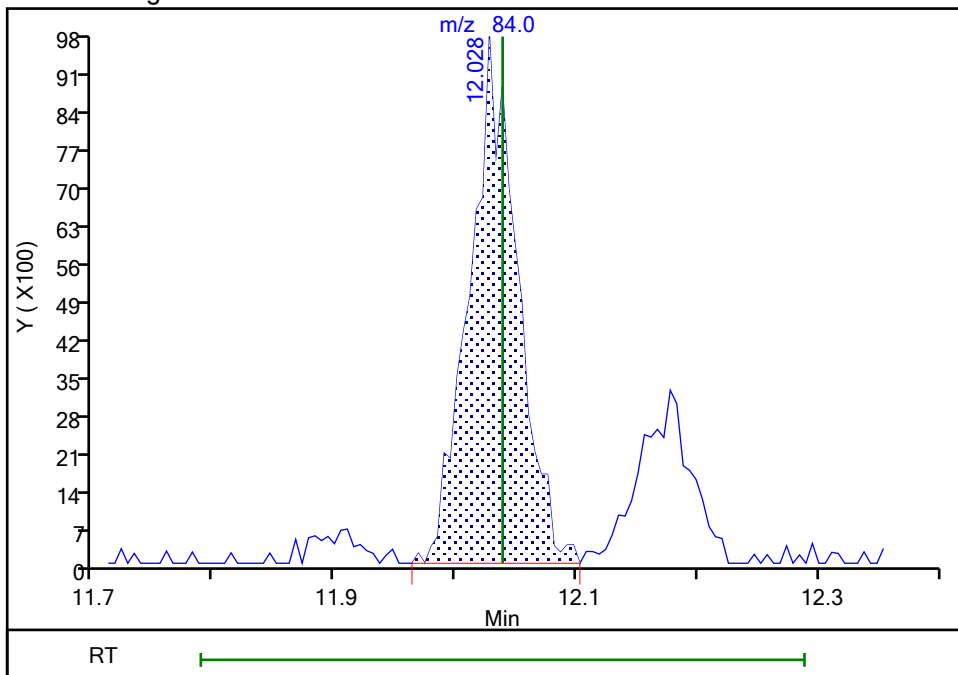
RT: 12.04  
Area: 13718  
Amount: 0.093679  
Amount Units: ppb v/v

## Processing Integration Results



RT: 12.03  
Area: 27076  
Amount: 0.177839  
Amount Units: ppb v/v

## Manual Integration Results



Reviewer: phamvu, 11-Dec-2020 08:34:07

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

## Eurofins TestAmerica, Burlington

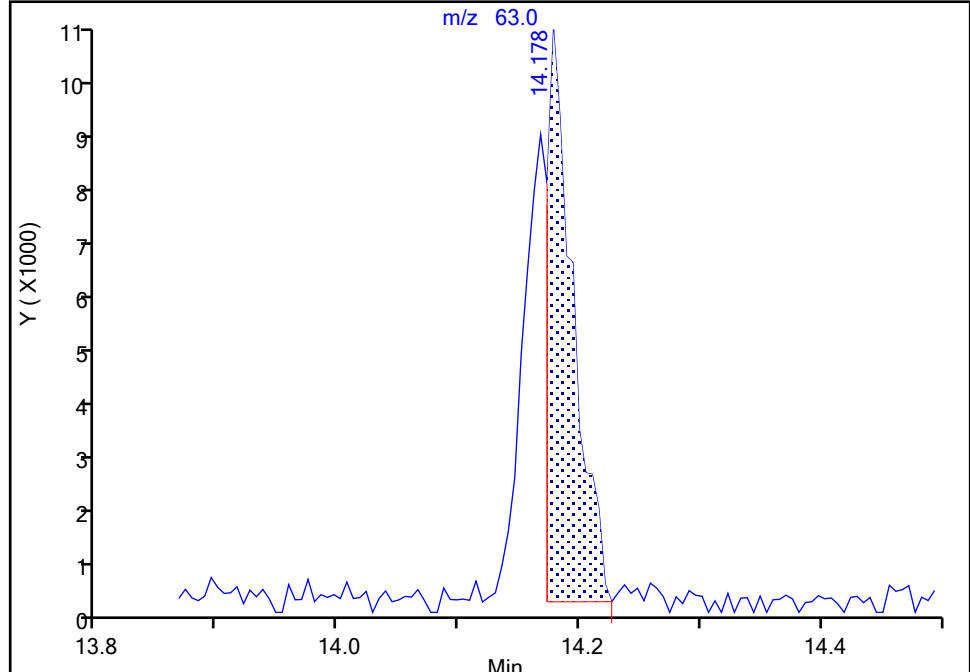
Data File: \\chromfs\Burlington\ChromData\CHW.i\20201210-44014.b\44014-005.d  
Injection Date: 10-Dec-2020 19:20:30 Instrument ID: CHW.i  
Lims ID: ic  
Client ID:  
Operator ID: ggg ALS Bottle#: 4 Worklist Smp#: 5  
Purge Vol: 200.000 mL Dil. Factor: 1.0000  
Method: TO15\_TO3\_MasterMethod\_W Limit Group: AI\_TO15\_ICAL  
Column: RTX-624 ( 0.32 mm) Detector: MS SCAN

**54 1,2-Dichloropropane, CAS: 78-87-5**

Signal: 1

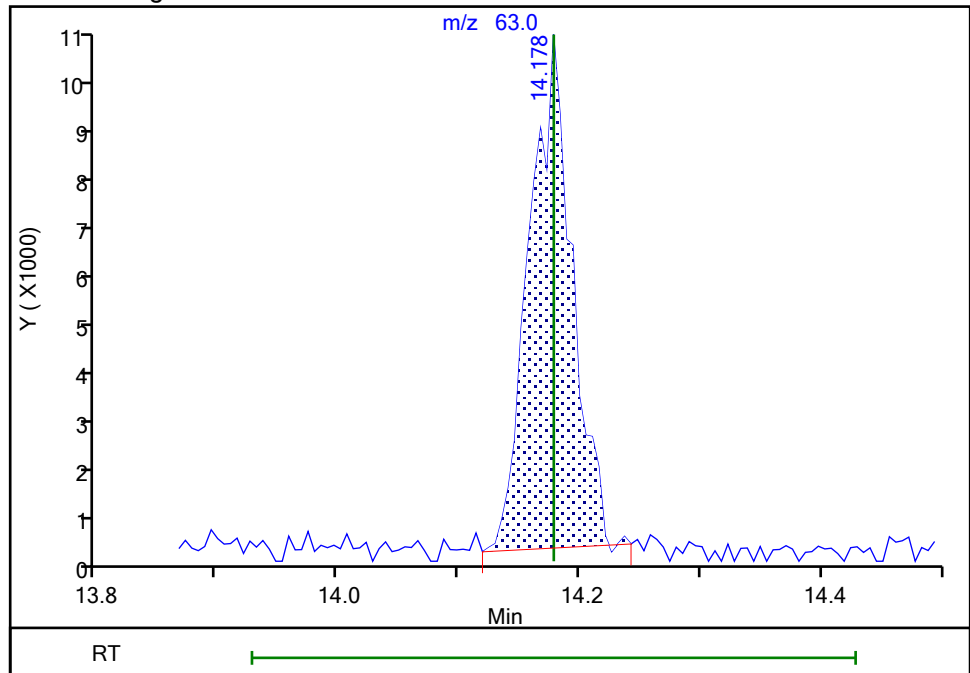
RT: 14.18  
Area: 16302  
Amount: 0.127128  
Amount Units: ppb v/v

## Processing Integration Results



RT: 14.18  
Area: 26181  
Amount: 0.195459  
Amount Units: ppb v/v

## Manual Integration Results



Reviewer: phamvu, 11-Dec-2020 08:34:37

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration



## Eurofins TestAmerica, Burlington

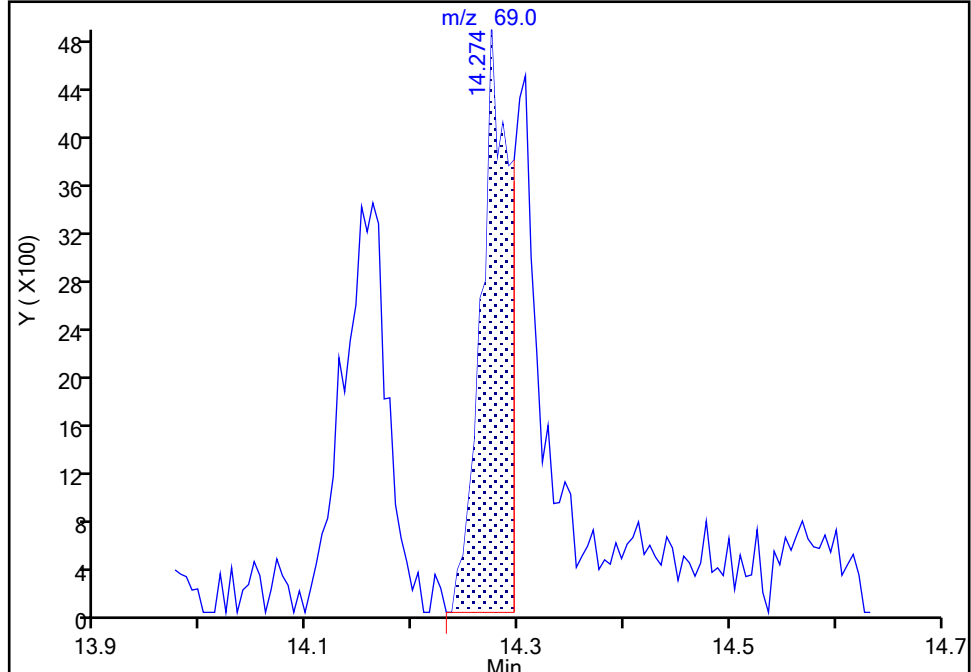
Data File: \\chromfs\Burlington\ChromData\CHW.i\20201210-44014.b\44014-005.d  
Injection Date: 10-Dec-2020 19:20:30 Instrument ID: CHW.i  
Lims ID: ic  
Client ID:  
Operator ID: ggg ALS Bottle#: 4 Worklist Smp#: 5  
Purge Vol: 200.000 mL Dil. Factor: 1.0000  
Method: TO15\_TO3\_MasterMethod\_W Limit Group: AI\_TO15\_ICAL  
Column: RTX-624 ( 0.32 mm) Detector: MS SCAN

**55 Methyl methacrylate, CAS: 80-62-6**

Signal: 1

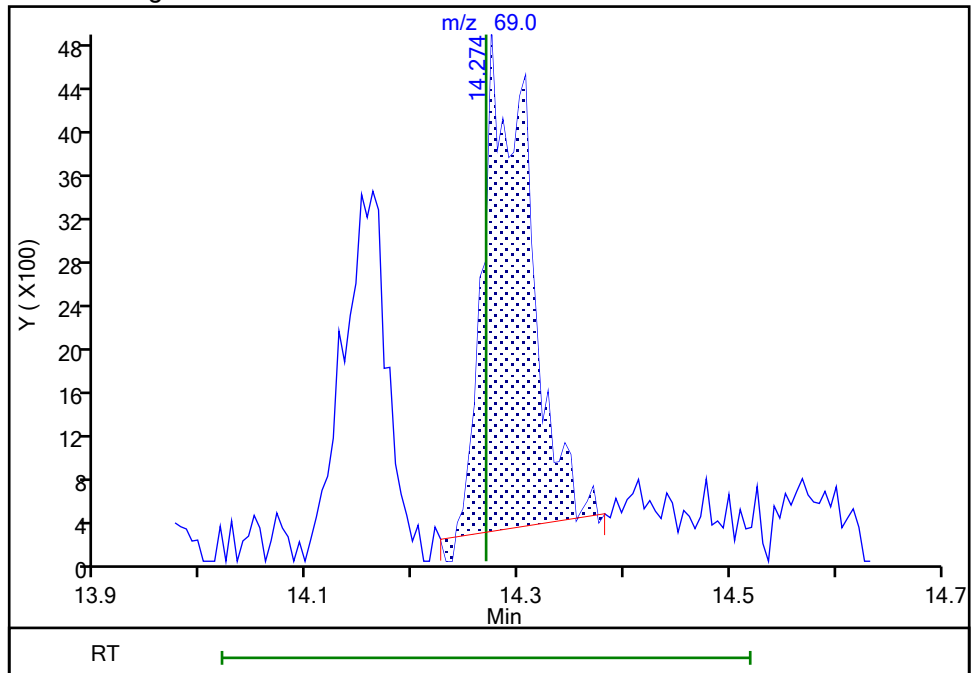
RT: 14.27  
Area: 9135  
Amount: 0.074644  
Amount Units: ppb v/v

## Processing Integration Results



RT: 14.27  
Area: 13603  
Amount: 0.114471  
Amount Units: ppb v/v

## Manual Integration Results



Reviewer: phamvu, 11-Dec-2020 08:34:45

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

## Eurofins TestAmerica, Burlington

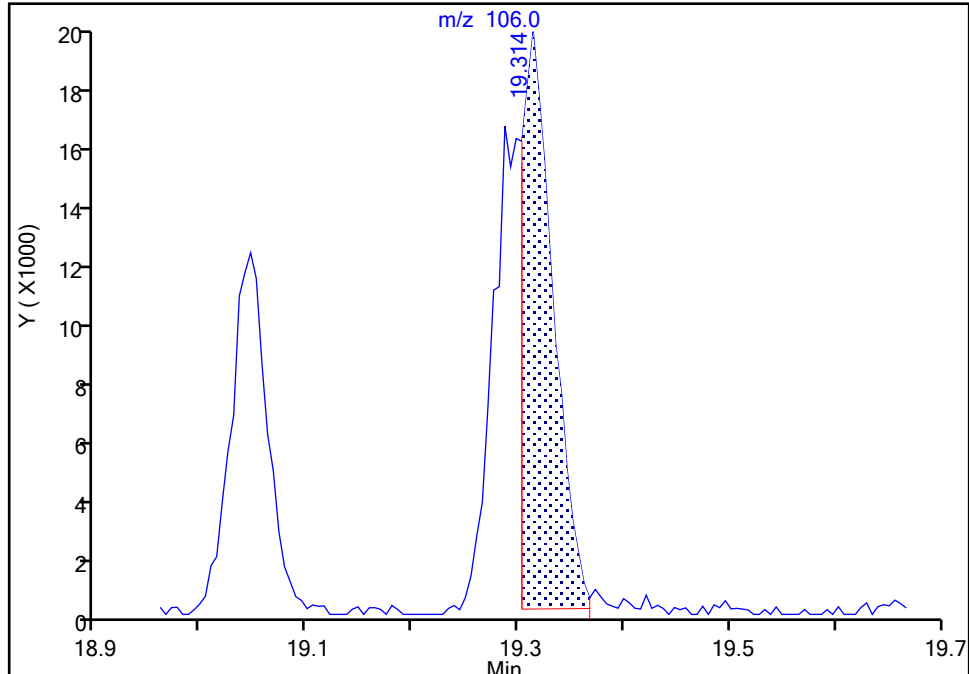
Data File: \\chromfs\Burlington\ChromData\CHW.i\20201210-44014.b\44014-005.d  
Injection Date: 10-Dec-2020 19:20:30 Instrument ID: CHW.i  
Lims ID: ic  
Client ID:  
Operator ID: ggg ALS Bottle#: 4 Worklist Smp#: 5  
Purge Vol: 200.000 mL Dil. Factor: 1.0000  
Method: TO15\_TO3\_MasterMethod\_W Limit Group: AI\_TO15\_ICAL  
Column: RTX-624 ( 0.32 mm) Detector: MS SCAN

**74 m-Xylene & p-Xylene, CAS: 179601-23-1**

Signal: 1

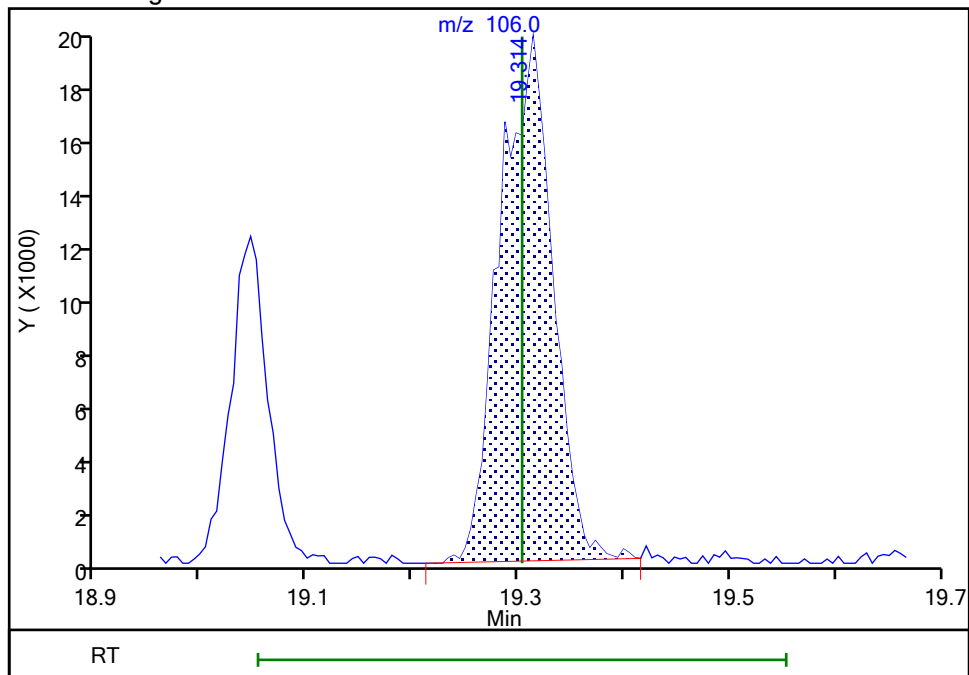
RT: 19.31  
Area: 39748  
Amount: 0.213377  
Amount Units: ppb v/v

## Processing Integration Results



RT: 19.31  
Area: 67895  
Amount: 0.329445  
Amount Units: ppb v/v

## Manual Integration Results



Reviewer: phamvu, 11-Dec-2020 08:35:18

Audit Action: Manually Integrated

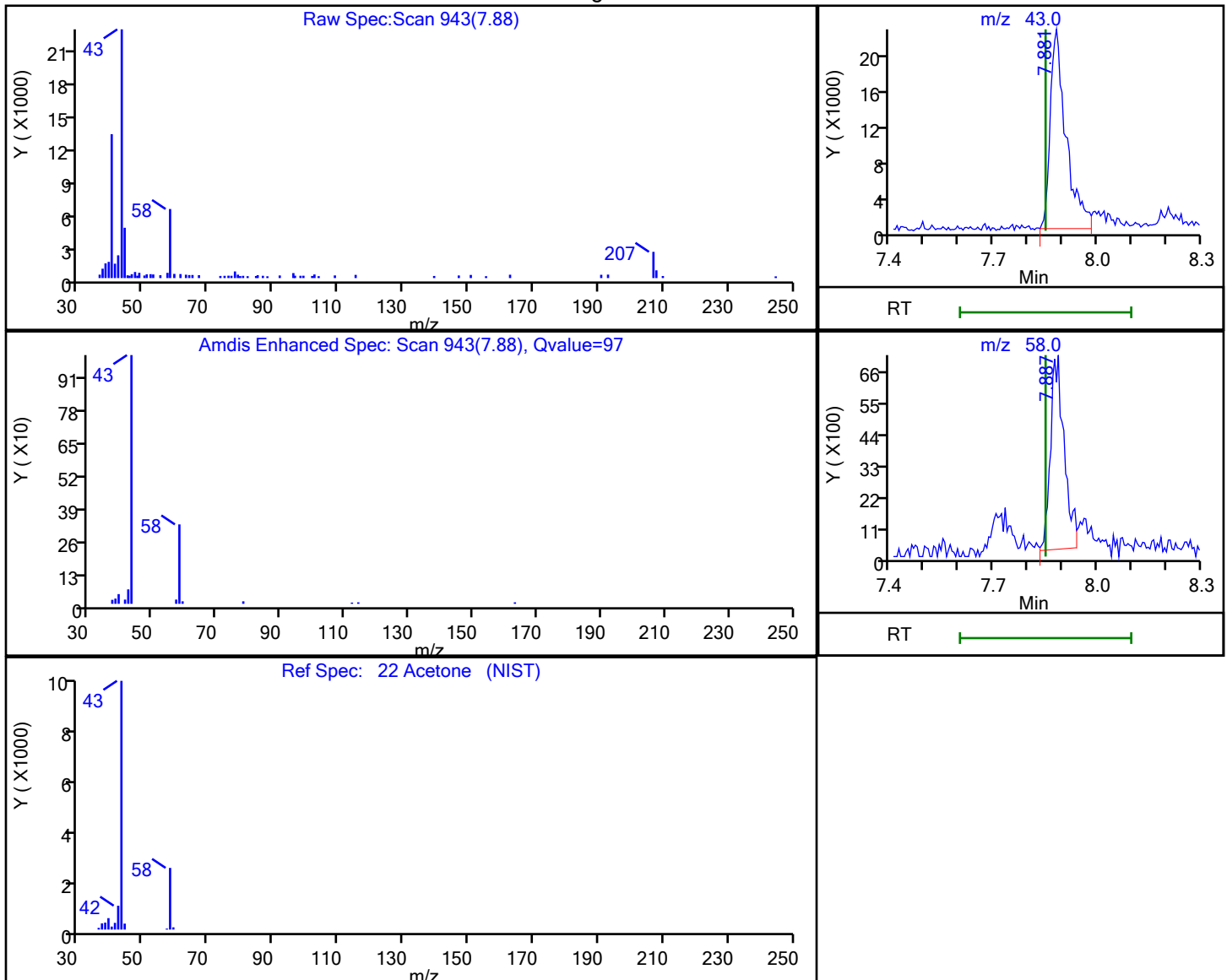
Audit Reason: Incomplete Integration

## Eurofins TestAmerica, Burlington

Data File: \\chromfs\Burlington\ChromData\CHW.i\20201210-44014.b\44014-005.d  
Injection Date: 10-Dec-2020 19:20:30 Instrument ID: CHW.i  
Lims ID: ic  
Client ID:  
Operator ID: ggg ALS Bottle#: 4 Worklist Smp#: 5  
Purge Vol: 200.000 mL Dil. Factor: 1.0000  
Method: TO15\_TO3\_MasterMethod\_W Limit Group: AI\_TO15\_ICAL  
Column: RTX-624 ( 0.32 mm) Detector: MS SCAN

## 22 Acetone, CAS: 67-64-1

## Processing Results



| RT   | Mass  | Response | Amount   |
|------|-------|----------|----------|
| 7.88 | 43.00 | 69502    | 0.283373 |
| 7.89 | 58.00 | 19046    |          |

Reviewer: phamvu, 11-Dec-2020 08:32:27

Audit Action: Marked Compound Undetected

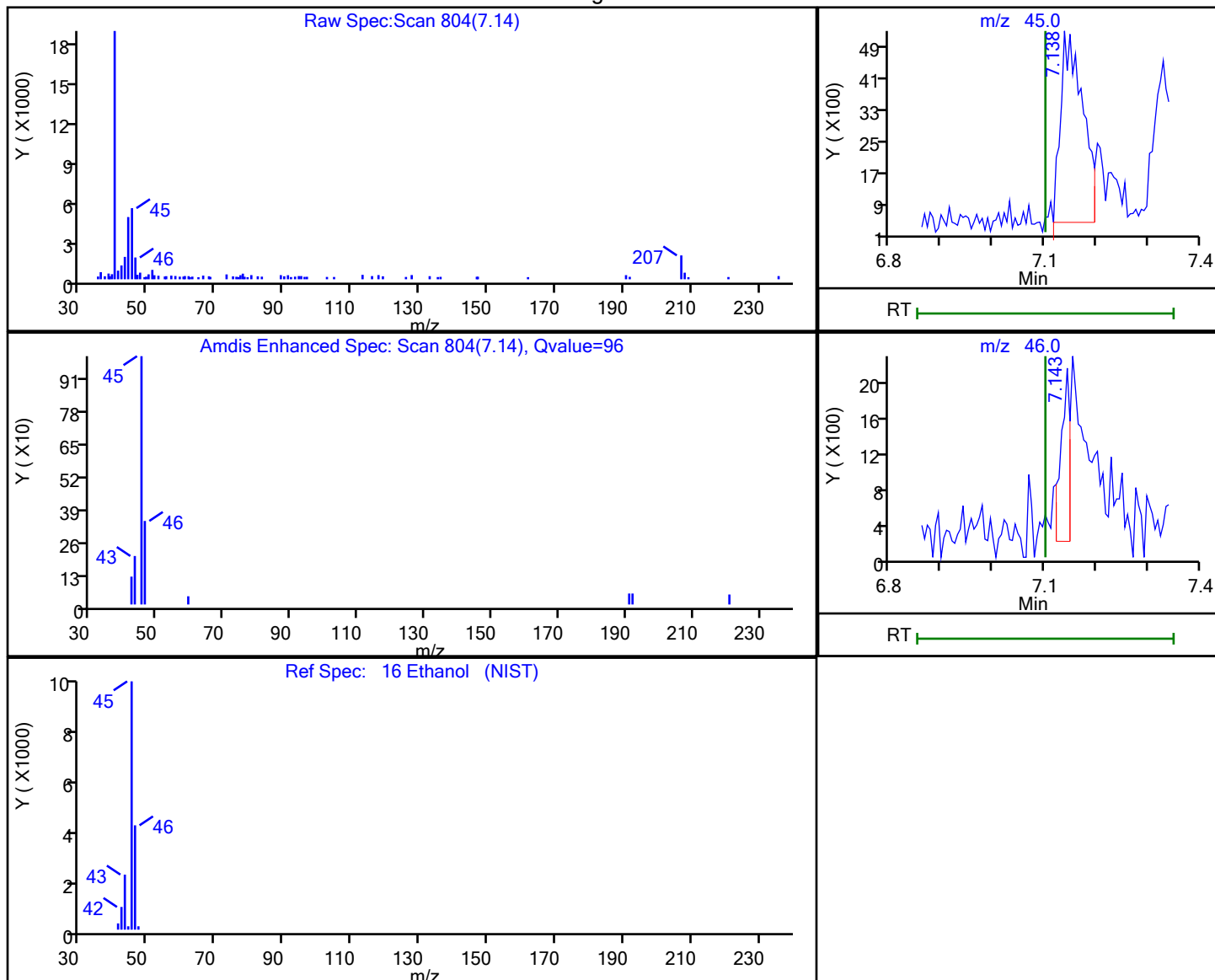
Audit Reason: Invalid Compound ID

## Eurofins TestAmerica, Burlington

Data File: \\chromfs\Burlington\ChromData\CHW.i\20201210-44014.b\44014-005.d  
Injection Date: 10-Dec-2020 19:20:30 Instrument ID: CHW.i  
Lims ID: ic  
Client ID:  
Operator ID: ggg ALS Bottle#: 4 Worklist Smp#: 5  
Purge Vol: 200.000 mL Dil. Factor: 1.0000  
Method: TO15\_TO3\_MasterMethod\_W Limit Group: AI\_TO15\_ICAL  
Column: RTX-624 ( 0.32 mm) Detector: MS SCAN

## 16 Ethanol, CAS: 64-17-5

## Processing Results



| RT   | Mass  | Response | Amount   |
|------|-------|----------|----------|
| 7.14 | 45.00 | 14430    | 0.286958 |
| 7.14 | 46.00 | 2378     |          |

Reviewer: phamvu, 11-Dec-2020 08:32:17

Audit Action: Marked Compound Undetected

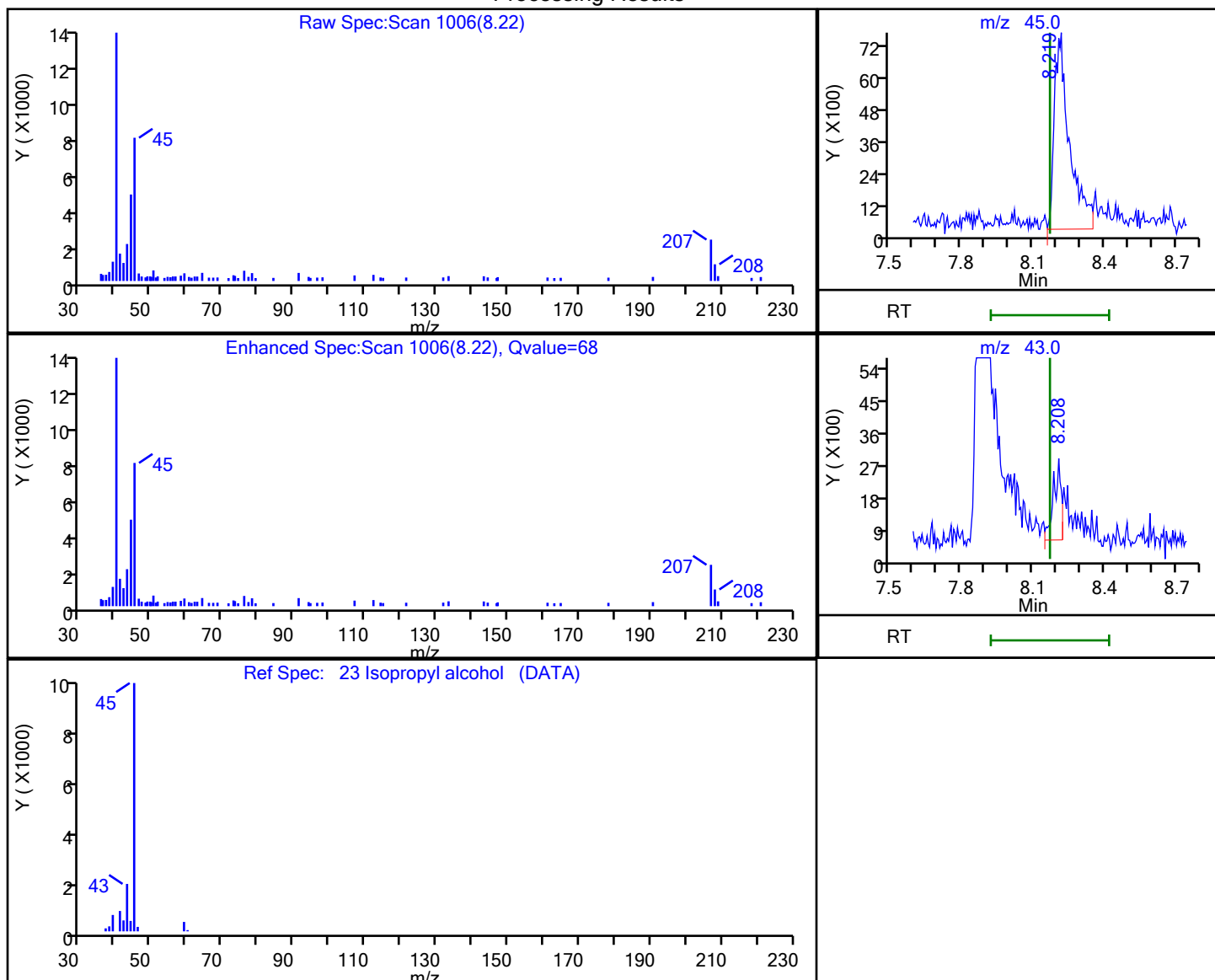
Audit Reason: Invalid Compound ID

## Eurofins TestAmerica, Burlington

Data File: \\chromfs\Burlington\ChromData\CHW.i\20201210-44014.b\44014-005.d  
Injection Date: 10-Dec-2020 19:20:30 Instrument ID: CHW.i  
Lims ID: ic  
Client ID:  
Operator ID: ggg ALS Bottle#: 4 Worklist Smp#: 5  
Purge Vol: 200.000 mL Dil. Factor: 1.0000  
Method: TO15\_TO3\_MasterMethod\_W Limit Group: AI\_TO15\_ICAL  
Column: RTX-624 ( 0.32 mm) Detector MS SCAN

## 23 Isopropyl alcohol, CAS: 67-63-0

## Processing Results



| RT   | Mass  | Response | Amount   |
|------|-------|----------|----------|
| 8.22 | 45.00 | 32962    | 0.169306 |
| 8.21 | 43.00 | 5075     |          |

Reviewer: phamvu, 11-Dec-2020 08:32:35

Audit Action: Marked Compound Undetected

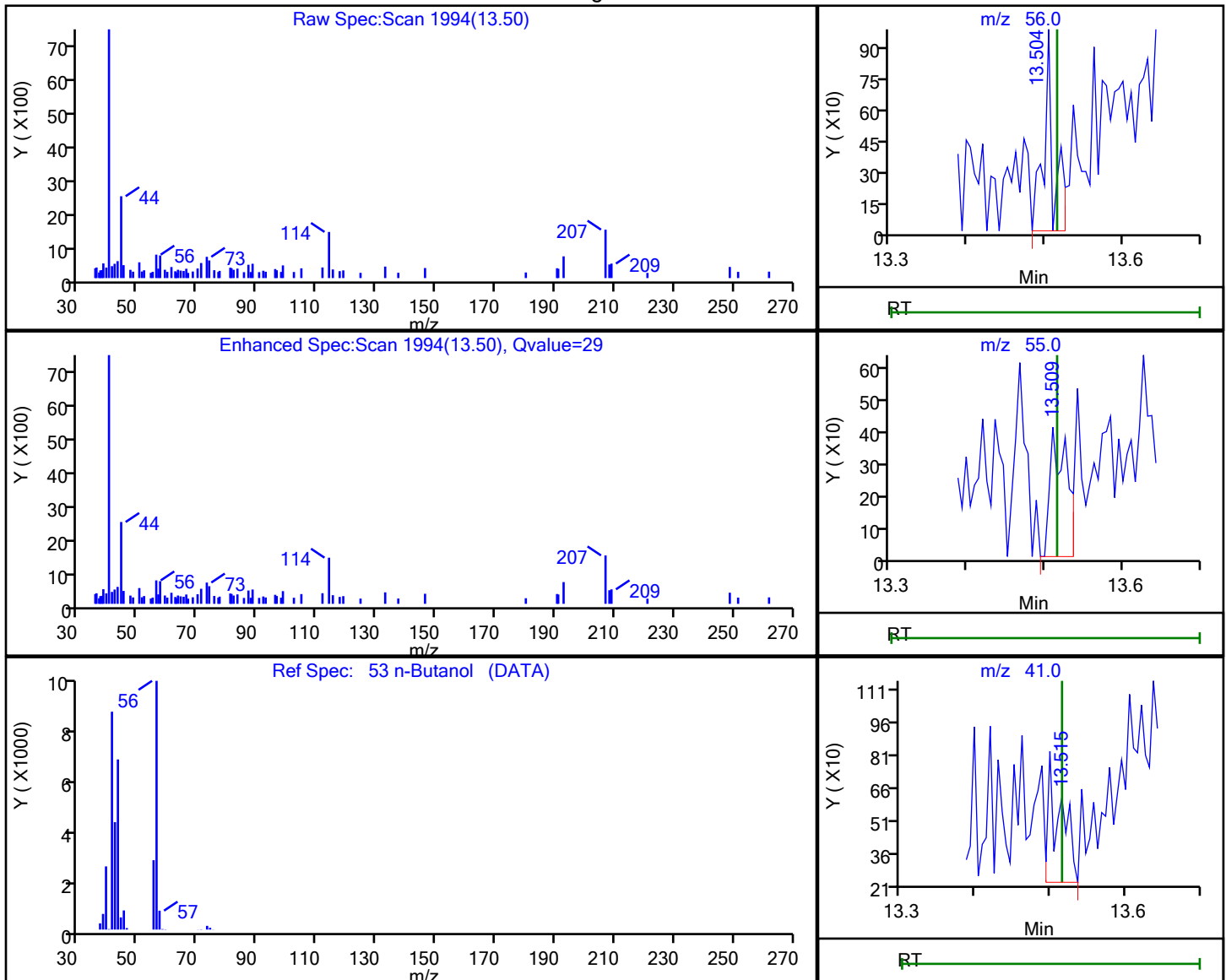
Audit Reason: Invalid Compound ID

## Eurofins TestAmerica, Burlington

Data File: \\chromfs\Burlington\ChromData\CHW.i\20201210-44014.b\44014-005.d  
Injection Date: 10-Dec-2020 19:20:30 Instrument ID: CHW.i  
Lims ID: ic  
Client ID:  
Operator ID: ggg ALS Bottle#: 4 Worklist Smp#: 5  
Purge Vol: 200.000 mL Dil. Factor: 1.0000  
Method: TO15\_TO3\_MasterMethod\_W Limit Group: AI\_TO15\_ICAL  
Column: RTX-624 ( 0.32 mm) Detector: MS SCAN

## 53 n-Butanol, CAS: 71-36-3

## Processing Results



| RT    | Mass  | Response | Amount   |
|-------|-------|----------|----------|
| 13.50 | 56.00 | 865      | 0.016427 |
| 13.51 | 55.00 | 616      |          |
| 13.51 | 41.00 | 709      |          |

Reviewer: phamvu, 11-Dec-2020 08:34:29

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Burlington  
Target Compound Quantitation Report

Data File: \\chromfs\Burlington\ChromData\CHW.i\20201210-44014.b\44014-006.d  
 Lims ID: ic  
 Client ID:  
 Sample Type: IC Calib Level: 3  
 Inject. Date: 10-Dec-2020 20:14:30 ALS Bottle#: 5 Worklist Smp#: 6  
 Purge Vol: 200.000 mL Dil. Factor: 1.0000  
 Sample Info: 200-0044014-006  
 Misc. Info.: ic-03  
 Operator ID: ggg Instrument ID: CHW.i  
 Sublist: chrom-TO15\_TO3\_MasterMethod\_W\*sub5  
 Method: \\chromfs\Burlington\ChromData\CHW.i\20201210-44014.b\TO15\_TO3\_MasterMethod\_W.m  
 Limit Group: AI\_TO15\_ICAL  
 Last Update: 11-Dec-2020 10:11:29 Calib Date: 11-Dec-2020 05:25:30  
 Integrator: RTE ID Type: Deconvolution ID  
 Quant Method: Internal Standard Quant By: Initial Calibration  
 Last ICal File: \\chromfs\Burlington\ChromData\CHW.i\20201210-44014.b\44014-016.d  
 Column 1 : RTX-624 ( 0.32 mm) Det: MS SCAN  
 Process Host: CTX1657

First Level Reviewer: phamvu

Date: 11-Dec-2020 08:37:48

| 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  | 3.987     | 3.944         | 0.043         | 97  | 69942    | 0.4648          | 0.5280            |       |
| 2 Dichlorodifluoromethane          | 85  | 4.083     | 4.046         | 0.037         | 99  | 200361   | 0.4702          | 0.5305            |       |
| 3 Chlorodifluoromethane            | 51  | 4.137     | 4.094         | 0.043         | 97  | 121632   | 0.4720          | 0.5181            |       |
| 4 1,2-Dichloro-1,1,2,2-tetrafluoro | 85  | 4.463     | 4.442         | 0.021         | 94  | 196116   | 0.4689          | 0.5075            |       |
| 5 Chloromethane                    | 50  | 4.570     | 4.533         | 0.037         | 99  | 80859    | 0.4918          | 0.6020            |       |
| 6 Vinyl chloride                   | 62  | 4.902     | 4.870         | 0.032         | 73  | 82306    | 0.4680          | 0.4986            |       |
| 7 Butane                           | 43  | 4.902     | 4.886         | 0.016         | 98  | 131427   | 0.4666          | 0.5449            |       |
| 8 Butadiene                        | 54  | 5.020     | 4.998         | 0.022         | 98  | 63351    | 0.4558          | 0.4794            |       |
| 9 Bromomethane                     | 94  | 5.747     | 5.736         | 0.011         | 98  | 62660    | 0.4644          | 0.5277            |       |
| 11 Chloroethane                    | 64  | 6.047     | 6.031         | 0.016         | 99  | 37139    | 0.4680          | 0.5329            |       |
| 12 2-Methylbutane                  | 43  | 6.261     | 6.255         | 0.006         | 94  | 78077    | 0.4702          | 0.5275            |       |
| 13 Vinyl bromide                   | 106 | 6.475     | 6.464         | 0.011         | 98  | 59488    | 0.4693          | 0.5199            |       |
| 14 Trichlorofluoromethane          | 101 | 6.640     | 6.635         | 0.005         | 98  | 171835   | 0.4756          | 0.5542            |       |
| 15 Pentane                         | 43  | 6.860     | 6.860         | 0.000         | 98  | 105433   | 0.4563          | 0.4983            |       |
| 16 Ethanol                         | 45  | 7.101     | 7.101         | 0.000         | 99  | 273443   | 4.51            | 5.03              |       |
| 18 Ethyl ether                     | 59  | 7.325     | 7.304         | 0.021         | 94  | 37962    | 0.4540          | 0.4774            |       |
| 19 Acrolein                        | 56  | 7.603     | 7.555         | 0.048         | 93  | 14821    | 0.4378          | 0.3503            |       |
| 20 1,1-Dichloroethene              | 96  | 7.743     | 7.743         | 0.000         | 98  | 58996    | 0.4630          | 0.4916            |       |
| 21 112TCTFE                        | 101 | 7.785     | 7.791         | -0.006        | 97  | 124889   | 0.4725          | 0.5248            |       |
| 22 Acetone                         | 43  | 7.866     | 7.850         | 0.016         | 99  | 178471   | 0.4612          | 1.08              |       |
| 24 Carbon disulfide                | 76  | 8.154     | 8.155         | -0.001        | 100 | 185771   | 0.4576          | 0.5658            |       |
| 23 Isopropyl alcohol               | 45  | 8.203     | 8.171         | 0.032         | 99  | 70898    | 0.4603          | 0.3897            |       |
| 25 Acetonitrile                    | 41  | 8.395     | 8.363         | 0.032         | 90  | 24583    | 0.4459          | 0.3756            |       |
| 26 3-Chloro-1-propene              | 41  | 8.459     | 8.465         | -0.006        | 98  | 78625    | 0.4797          | 0.5577            |       |
| 27 Methylene Chloride              | 49  | 8.695     | 8.700         | -0.005        | 94  | 79312    | 0.4630          | 0.6104            |       |
| 28 2-Methyl-2-propanol             | 59  | 8.957     | 8.936         | 0.021         | 96  | 89412    | 0.4855          | 0.4293            |       |
| 29 Acrylonitrile                   | 53  | 9.144     | 9.128         | 0.016         | 87  | 11451    | 0.4554          | 0.1905            |       |
| 30 trans-1,2-Dichloroethene        | 61  | 9.208     | 9.214         | -0.006        | 98  | 78861    | 0.4594          | 0.4884            |       |
| 31 Methyl tert-butyl ether         | 73  | 9.235     | 9.224         | 0.011         | 98  | 142231   | 0.4707          | 0.4762            |       |
| 32 Hexane                          | 57  | 9.727     | 9.727         | 0.000         | 92  | 72565    | 0.4770          | 0.4710            |       |

| 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  | 9.984     | 9.995         | -0.011        | 100 | 104347   | 0.4504          | 0.4893            |       |
| 34 Vinyl acetate               | 43  | 10.022    | 10.016        | 0.006         | 99  | 90280    | 0.4680          | 0.3918            |       |
| S 35 1,2-Dichloroethene, Total | 61  |           |               |               | 0   |          | 0.9143          | 0.9596            |       |
| 36 2-Butanone (MEK)            | 72  | 11.001    | 10.985        | 0.015         | 99  | 22937    | 0.4657          | 0.4592            |       |
| 37 cis-1,2-Dichloroethene      | 96  | 11.001    | 11.001        | -0.001        | 95  | 57134    | 0.4549          | 0.4712            |       |
| 38 Ethyl acetate               | 88  | 11.086    | 11.070        | 0.016         | 99  | 4793     | 0.4563          | 0.4996            |       |
| * 39 Chlorobromomethane        | 128 | 11.412    | 11.418        | -0.006        | 88  | 803789   | 10.0            | 10.0              |       |
| 40 Tetrahydrofuran             | 42  | 11.482    | 11.471        | 0.011         | 89  | 54093    | 0.4500          | 0.4810            |       |
| 41 Chloroform                  | 83  | 11.594    | 11.600        | -0.006        | 96  | 126505   | 0.4549          | 0.5111            |       |
| 42 1,1,1-Trichloroethane       | 97  | 11.899    | 11.905        | -0.006        | 96  | 136358   | 0.4590          | 0.5231            |       |
| 43 Cyclohexane                 | 84  | 12.033    | 12.038        | -0.005        | 94  | 70315    | 0.4572          | 0.4879            |       |
| 44 Carbon tetrachloride        | 117 | 12.183    | 12.188        | -0.005        | 98  | 138201   | 0.4576          | 0.4893            |       |
| 45 Benzene                     | 78  | 12.531    | 12.541        | -0.010        | 96  | 168642   | 0.4653          | 0.5040            |       |
| 46 1,2-Dichloroethane          | 62  | 12.611    | 12.622        | -0.011        | 99  | 81371    | 0.4666          | 0.5057            |       |
| 47 Isooctane                   | 57  | 12.755    | 12.755        | 0.000         | 97  | 237325   | 0.4716          | 0.4907            |       |
| 48 n-Heptane                   | 43  | 13.065    | 13.071        | -0.006        | 92  | 83210    | 0.4734          | 0.4621            |       |
| * 50 1,4-Difluorobenzene       | 114 | 13.279    | 13.285        | -0.006        | 94  | 3818030  | 10.0            | 10.0              |       |
| 53 n-Butanol                   | 56  | 13.558    | 13.515        | 0.043         | 87  | 11815    | 0.4301          | 0.1761            |       |
| 51 Trichloroethene             | 95  | 13.707    | 13.718        | -0.011        | 99  | 83434    | 0.4743          | 0.5264            |       |
| 54 1,2-Dichloropropane         | 63  | 14.178    | 14.178        | 0.000         | 78  | 63006    | 0.4644          | 0.4969            |       |
| 55 Methyl methacrylate         | 69  | 14.275    | 14.269        | 0.006         | 93  | 39762    | 0.4576          | 0.3535            |       |
| 56 1,4-Dioxane                 | 88  | 14.323    | 14.307        | 0.016         | 62  | 36416    | 0.4765          | 0.5232            |       |
| 57 Dibromomethane              | 174 | 14.339    | 14.339        | 0.000         | 93  | 85614    | 0.4639          | 0.4997            |       |
| 58 Dichlorobromomethane        | 83  | 14.649    | 14.649        | 0.000         | 99  | 135864   | 0.4761          | 0.5236            |       |
| 60 cis-1,3-Dichloropropene     | 75  | 15.462    | 15.462        | 0.000         | 95  | 93132    | 0.4680          | 0.4573            |       |
| 61 4-Methyl-2-pentanone (MIBK) | 43  | 15.724    | 15.719        | 0.005         | 98  | 100611   | 0.4612          | 0.4059            |       |
| 62 Toluene                     | 92  | 16.099    | 16.104        | -0.005        | 93  | 110905   | 0.4576          | 0.4531            |       |
| 63 n-Octane                    | 43  | 16.356    | 16.350        | 0.006         | 90  | 115601   | 0.4653          | 0.4439            |       |
| 64 trans-1,3-Dichloropropene   | 75  | 16.521    | 16.521        | 0.000         | 97  | 81913    | 0.4450          | 0.4264            |       |
| 65 1,1,2-Trichloroethane       | 83  | 16.896    | 16.896        | 0.000         | 99  | 61242    | 0.4720          | 0.4943            |       |
| 66 Tetrachloroethene           | 166 | 17.094    | 17.094        | 0.000         | 95  | 125243   | 0.4729          | 0.5012            |       |
| 67 2-Hexanone                  | 43  | 17.313    | 17.303        | 0.010         | 92  | 86309    | 0.4500          | 0.3817            |       |
| 68 Chlorodibromomethane        | 129 | 17.634    | 17.640        | -0.006        | 96  | 132804   | 0.4360          | 0.4543            |       |
| 69 Ethylene Dibromide          | 107 | 17.880    | 17.880        | 0.000         | 98  | 104748   | 0.4779          | 0.4851            |       |
| * 70 Chlorobenzene-d5          | 117 | 18.790    | 18.795        | -0.005        | 87  | 3387200  | 10.0            | 10.0              |       |
| 71 Chlorobenzene               | 112 | 18.849    | 18.849        | 0.000         | 96  | 181968   | 0.4725          | 0.5221            |       |
| 73 Ethylbenzene                | 91  | 19.046    | 19.047        | -0.001        | 98  | 257445   | 0.4603          | 0.4706            |       |
| 74 m-Xylene & p-Xylene         | 106 | 19.314    | 19.303        | 0.011         | 0   | 193826   | 0.9260          | 0.9154            |       |
| 75 n-Nonane                    | 57  | 19.367    | 19.368        | -0.001        | 90  | 116287   | 0.4720          | 0.4756            |       |
| 76 o-Xylene                    | 106 | 20.084    | 20.084        | 0.000         | 98  | 90257    | 0.4666          | 0.4508            |       |
| S 77 Xylenes, Total            | 106 |           |               |               | 0   |          | 1.39            | 1.37              |       |
| 78 Styrene                     | 104 | 20.116    | 20.116        | 0.000         | 98  | 121058   | 0.4648          | 0.3972            |       |
| 79 Bromoform                   | 173 | 20.464    | 20.470        | -0.006        | 97  | 128113   | 0.4635          | 0.5037            |       |
| 80 Isopropylbenzene            | 105 | 20.780    | 20.780        | 0.000         | 96  | 265621   | 0.4698          | 0.4510            |       |
| 81 1,1,2,2-Tetrachloroethane   | 83  | 21.299    | 21.293        | 0.006         | 98  | 159134   | 0.4657          | 0.5086            |       |
| 82 1,2,3-Trichloropropane      | 75  | 21.400    | 21.395        | 0.005         | 97  | 129827   | 0.4770          | 0.5193            |       |
| 83 N-Propylbenzene             | 91  | 21.497    | 21.497        | 0.000         | 99  | 315495   | 0.4684          | 0.4542            |       |
| 84 2-Chlorotoluene             | 91  | 21.646    | 21.641        | 0.005         | 97  | 211587   | 0.4702          | 0.4796            |       |
| 85 4-Ethyltoluene              | 105 | 21.695    | 21.695        | 0.000         | 99  | 257608   | 0.4653          | 0.4480            |       |
| 86 1,3,5-Trimethylbenzene      | 105 | 21.791    | 21.791        | 0.000         | 93  | 228323   | 0.4680          | 0.4653            |       |
| 87 n-Decane                    | 57  | 21.818    | 21.818        | 0.000         | 94  | 135514   | 0.4693          | 0.4475            |       |
| 88 Alpha Methyl Styrene        | 118 | 22.117    | 22.117        | 0.000         | 89  | 92774    | 0.4594          | 0.3783            |       |



| Compound                   | Sig | RT<br>(min.) | Adj RT<br>(min.) | Dlt RT<br>(min.) | Q  | Response | Cal Amt<br>ppb v/v | OnCol Amt<br>ppb v/v | Flags |
|----------------------------|-----|--------------|------------------|------------------|----|----------|--------------------|----------------------|-------|
| 89 tert-Butylbenzene       | 119 | 22.272       | 22.267           | 0.005            | 94 | 233471   | 0.4666             | 0.4642               |       |
| 90 1,2,4-Trimethylbenzene  | 105 | 22.358       | 22.358           | 0.000            | 97 | 225556   | 0.4684             | 0.4608               |       |
| 91 sec-Butylbenzene        | 105 | 22.593       | 22.593           | 0.000            | 99 | 345035   | 0.4711             | 0.4737               |       |
| 92 1,3-Dichlorobenzene     | 146 | 22.765       | 22.765           | -0.001           | 96 | 129006   | 0.4765             | 0.4150               |       |
| 93 4-Isopropyltoluene      | 119 | 22.807       | 22.807           | 0.000            | 98 | 279645   | 0.4644             | 0.4484               |       |
| 94 1,4-Dichlorobenzene     | 146 | 22.909       | 22.909           | 0.000            | 95 | 102697   | 0.4716             | 0.3622               |       |
| 95 Benzyl chloride         | 91  | 23.053       | 23.053           | 0.000            | 99 | 108796   | 0.4765             | 0.3368               |       |
| 96 n-Butylbenzene          | 91  | 23.364       | 23.364           | 0.000            | 98 | 220165   | 0.4680             | 0.4078               |       |
| 97 1,2-Dichlorobenzene     | 146 | 23.396       | 23.396           | 0.000            | 97 | 140654   | 0.4702             | 0.4317               |       |
| 98 Undecane                | 57  | 23.513       | 23.514           | -0.001           | 94 | 114240   | 0.4711             | 0.3556               |       |
| 99 Dodecane                | 57  | 25.097       | 25.097           | 0.000            | 93 | 61310    | 0.4216             | 0.1803               |       |
| 100 1,2,4-Trichlorobenzene | 180 | 25.835       | 25.835           | 0.000            | 93 | 40693    | 0.4891             | 0.2177               |       |
| 101 Hexachlorobutadiene    | 225 | 26.081       | 26.081           | 0.000            | 97 | 143637   | 0.4621             | 0.4345               |       |
| 102 Naphthalene            | 128 | 26.317       | 26.317           | 0.000            | 99 | 75957    | 0.4378             | 0.1953               |       |
| 103 1,2,3-Trichlorobenzene | 180 | 26.729       | 26.723           | 0.006            | 93 | 52708    | 0.4108             | 0.2551               |       |
| 112 Methylcyclohexane      | 83  |              | 0.000            |                  |    |          | ND                 | ND                   |       |

**QC Flag Legend**

Processing Flags

ND - Not Detected or Marked ND

**Reagents:**

ATTO15CAL2w\_00296

Amount Added: 180.00

Units: mL

ATTO15WISs\_00009

Amount Added: 20.00

Units: mL

Run Reagent

Report Date: 11-Dec-2020 10:11:29

Chrom Revision: 2.3 12-Nov-2020 21:52:08

Eurofins TestAmerica, Burlington

Data File: \\chromfs\Burlington\ChromData\CHW.i\20201210-44014.b\44014-006.d

Injection Date: 10-Dec-2020 20:14:30

Instrument ID: CHW.i

Operator ID: ggg

Lims ID: ic

Worklist Smp#: 6

Client ID:

Purge Vol: 200.000 mL

Dil. Factor: 1.0000

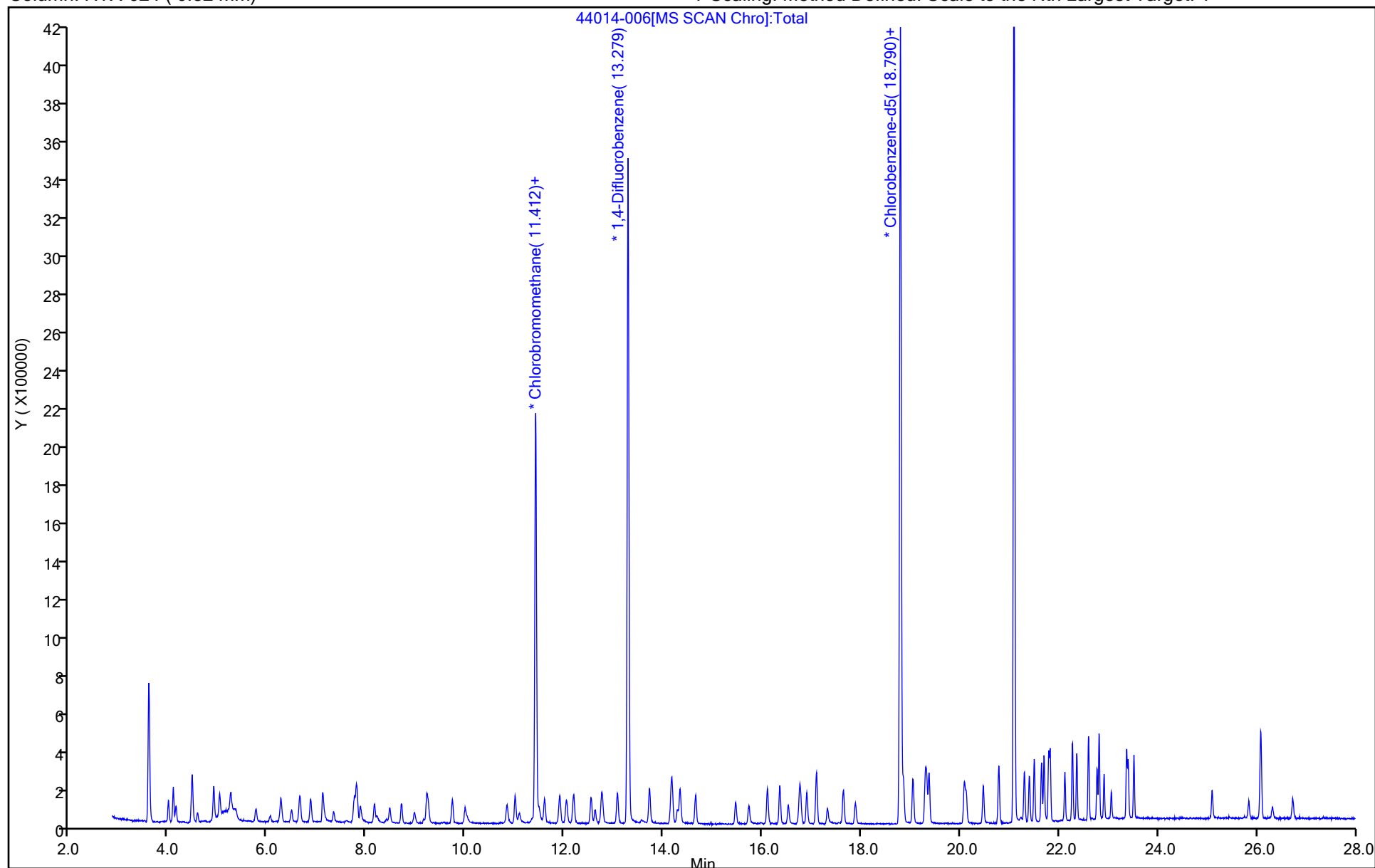
ALS Bottle#: 5

Method: TO15\_TO3\_MasterMethod\_W

Limit Group: AI\_TO15\_ICAL

Column: RTX-624 ( 0.32 mm)

Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



Eurofins TestAmerica, Burlington  
Target Compound Quantitation Report

Data File: \\chromfs\Burlington\ChromData\CHW.i\20201210-44014.b\44014-007.d  
 Lims ID: ic  
 Client ID:  
 Sample Type: IC Calib Level: 4  
 Inject. Date: 10-Dec-2020 21:09:30 ALS Bottle#: 6 Worklist Smp#: 7  
 Purge Vol: 200.000 mL Dil. Factor: 1.0000  
 Sample Info: 200-0044014-007  
 Misc. Info.: ic-04  
 Operator ID: ggg Instrument ID: CHW.i  
 Sublist: chrom-TO15\_TO3\_MasterMethod\_W\*sub5  
 Method: \\chromfs\Burlington\ChromData\CHW.i\20201210-44014.b\TO15\_TO3\_MasterMethod\_W.m  
 Limit Group: AI\_TO15\_ICAL  
 Last Update: 11-Dec-2020 10:11:30 Calib Date: 11-Dec-2020 05:25:30  
 Integrator: RTE ID Type: Deconvolution ID  
 Quant Method: Internal Standard Quant By: Initial Calibration  
 Last ICal File: \\chromfs\Burlington\ChromData\CHW.i\20201210-44014.b\44014-016.d  
 Column 1 : RTX-624 ( 0.32 mm) Det: MS SCAN  
 Process Host: CTX1657

First Level Reviewer: phamvu

Date: 11-Dec-2020 08:38:19

| 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  | 3.992     | 3.944         | 0.048         | 98  | 609422   | 4.64            | 4.74              |       |
| 2 Dichlorodifluoromethane          | 85  | 4.089     | 4.046         | 0.043         | 99  | 1785131  | 4.69            | 4.87              |       |
| 3 Chlorodifluoromethane            | 51  | 4.142     | 4.094         | 0.048         | 97  | 1116497  | 4.71            | 4.90              |       |
| 4 1,2-Dichloro-1,1,2,2-tetrafluoro | 85  | 4.474     | 4.442         | 0.032         | 98  | 1802854  | 4.68            | 4.81              |       |
| 5 Chloromethane                    | 50  | 4.576     | 4.533         | 0.043         | 99  | 637733   | 4.91            | 4.89              |       |
| 6 Vinyl chloride                   | 62  | 4.907     | 4.870         | 0.037         | 98  | 683821   | 4.67            | 4.27              |       |
| 7 Butane                           | 43  | 4.913     | 4.886         | 0.027         | 98  | 1086393  | 4.66            | 4.64              |       |
| 8 Butadiene                        | 54  | 5.025     | 4.998         | 0.027         | 97  | 530773   | 4.55            | 4.14              |       |
| 9 Bromomethane                     | 94  | 5.758     | 5.736         | 0.022         | 99  | 507881   | 4.63            | 4.41              |       |
| 11 Chloroethane                    | 64  | 6.047     | 6.031         | 0.016         | 99  | 304272   | 4.67            | 4.50              |       |
| 12 2-Methylbutane                  | 43  | 6.271     | 6.255         | 0.016         | 93  | 665075   | 4.69            | 4.63              |       |
| 13 Vinyl bromide                   | 106 | 6.480     | 6.464         | 0.016         | 99  | 512090   | 4.68            | 4.61              |       |
| 14 Trichlorofluoromethane          | 101 | 6.657     | 6.635         | 0.022         | 99  | 1441748  | 4.74            | 4.79              |       |
| 15 Pentane                         | 43  | 6.876     | 6.860         | 0.016         | 98  | 929449   | 4.55            | 4.53              |       |
| 16 Ethanol                         | 45  | 7.106     | 7.101         | 0.005         | 99  | 499542   | 8.99            | 9.46              |       |
| 18 Ethyl ether                     | 59  | 7.315     | 7.304         | 0.011         | 94  | 343529   | 4.53            | 4.45              |       |
| 19 Acrolein                        | 56  | 7.571     | 7.555         | 0.016         | 96  | 170944   | 4.37            | 4.16              |       |
| 20 1,1-Dichloroethene              | 96  | 7.748     | 7.743         | 0.005         | 96  | 501289   | 4.62            | 4.31              |       |
| 21 112TCTFE                        | 101 | 7.796     | 7.791         | 0.005         | 96  | 1102291  | 4.71            | 4.77              |       |
| 22 Acetone                         | 43  | 7.855     | 7.850         | 0.005         | 99  | 775007   | 4.60            | 4.84              |       |
| 24 Carbon disulfide                | 76  | 8.165     | 8.155         | 0.010         | 100 | 1477195  | 4.57            | 4.64              |       |
| 23 Isopropyl alcohol               | 45  | 8.176     | 8.171         | 0.005         | 99  | 839172   | 4.59            | 4.75              |       |
| 25 Acetonitrile                    | 41  | 8.379     | 8.363         | 0.016         | 97  | 282842   | 4.45            | 4.45              |       |
| 26 3-Chloro-1-propene              | 41  | 8.470     | 8.465         | 0.005         | 99  | 636473   | 4.79            | 4.65              |       |
| 27 Methylene Chloride              | 49  | 8.706     | 8.700         | 0.006         | 95  | 582705   | 4.62            | 4.62              |       |
| 28 2-Methyl-2-propanol             | 59  | 8.941     | 8.936         | 0.005         | 96  | 1019488  | 4.84            | 5.05              |       |
| 29 Acrylonitrile                   | 53  | 9.128     | 9.128         | 0.000         | 94  | 295462   | 4.54            | 5.07              |       |
| 30 trans-1,2-Dichloroethene        | 61  | 9.214     | 9.214         | 0.000         | 99  | 734864   | 4.58            | 4.69              |       |
| 31 Methyl tert-butyl ether         | 73  | 9.230     | 9.224         | 0.006         | 97  | 1414258  | 4.70            | 4.88              |       |
| 32 Hexane                          | 57  | 9.733     | 9.727         | 0.006         | 92  | 713903   | 4.76            | 4.78              |       |

| 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  | 9.995     | 9.995         | 0.000         | 100 | 905050   | 4.49            | 4.37              |       |
| 34 Vinyl acetate               | 43  | 10.016    | 10.016        | 0.000         | 99  | 1149076  | 4.67            | 5.14              |       |
| S 35 1,2-Dichloroethene, Total | 61  |           |               |               | 0   |          | 9.12            | 9.01              |       |
| 36 2-Butanone (MEK)            | 72  | 10.985    | 10.985        | 0.000         | 100 | 219507   | 4.65            | 4.53              |       |
| 37 cis-1,2-Dichloroethene      | 96  | 11.001    | 11.001        | 0.000         | 95  | 507536   | 4.54            | 4.31              |       |
| 38 Ethyl acetate               | 88  | 11.070    | 11.070        | 0.000         | 99  | 41058    | 4.55            | 4.41              |       |
| * 39 Chlorobromomethane        | 128 | 11.423    | 11.418        | 0.005         | 87  | 779808   | 10.0            | 10.0              |       |
| 40 Tetrahydrofuran             | 42  | 11.471    | 11.471        | 0.000         | 91  | 494373   | 4.49            | 4.55              |       |
| 41 Chloroform                  | 83  | 11.600    | 11.600        | 0.000         | 97  | 1084568  | 4.54            | 4.52              |       |
| 42 1,1,1-Trichloroethane       | 97  | 11.910    | 11.905        | 0.005         | 95  | 1193950  | 4.58            | 4.74              |       |
| 43 Cyclohexane                 | 84  | 12.044    | 12.038        | 0.006         | 96  | 647504   | 4.56            | 4.65              |       |
| 44 Carbon tetrachloride        | 117 | 12.188    | 12.188        | 0.000         | 98  | 1280317  | 4.57            | 4.69              |       |
| 45 Benzene                     | 78  | 12.536    | 12.541        | -0.005        | 97  | 1509153  | 4.64            | 4.67              |       |
| 46 1,2-Dichloroethane          | 62  | 12.616    | 12.622        | -0.006        | 98  | 744522   | 4.66            | 4.79              |       |
| 47 Isooctane                   | 57  | 12.761    | 12.755        | 0.006         | 98  | 2313687  | 4.70            | 4.95              |       |
| 48 n-Heptane                   | 43  | 13.071    | 13.071        | 0.000         | 92  | 853952   | 4.72            | 4.91              |       |
| * 50 1,4-Difluorobenzene       | 114 | 13.285    | 13.285        | 0.000         | 94  | 3687141  | 10.0            | 10.0              |       |
| 53 n-Butanol                   | 56  | 13.520    | 13.515        | 0.005         | 93  | 257288   | 4.29            | 3.97              |       |
| 51 Trichloroethene             | 95  | 13.718    | 13.718        | 0.000         | 99  | 696693   | 4.73            | 4.55              |       |
| 54 1,2-Dichloropropane         | 63  | 14.178    | 14.178        | 0.000         | 87  | 574419   | 4.63            | 4.69              |       |
| 55 Methyl methacrylate         | 69  | 14.275    | 14.269        | 0.006         | 94  | 526055   | 4.57            | 4.84              |       |
| 56 1,4-Dioxane                 | 88  | 14.312    | 14.307        | 0.005         | 94  | 345368   | 4.75            | 5.14              |       |
| 57 Dibromomethane              | 174 | 14.339    | 14.339        | 0.000         | 93  | 754504   | 4.63            | 4.56              |       |
| 58 Dichlorobromomethane        | 83  | 14.649    | 14.649        | 0.000         | 98  | 1235529  | 4.75            | 4.93              |       |
| 60 cis-1,3-Dichloropropene     | 75  | 15.457    | 15.462        | -0.005        | 95  | 955481   | 4.67            | 4.86              |       |
| 61 4-Methyl-2-pentanone (MIBK) | 43  | 15.719    | 15.719        | 0.000         | 97  | 1177109  | 4.60            | 4.92              |       |
| 62 Toluene                     | 92  | 16.104    | 16.104        | 0.000         | 95  | 1148819  | 4.57            | 4.67              |       |
| 63 n-Octane                    | 43  | 16.350    | 16.350        | 0.000         | 91  | 1313183  | 4.64            | 5.22              |       |
| 64 trans-1,3-Dichloropropene   | 75  | 16.521    | 16.521        | 0.000         | 98  | 889789   | 4.44            | 4.80              |       |
| 65 1,1,2-Trichloroethane       | 83  | 16.896    | 16.896        | 0.000         | 99  | 609207   | 4.71            | 4.90              |       |
| 66 Tetrachloroethene           | 166 | 17.094    | 17.094        | 0.000         | 96  | 1152697  | 4.72            | 4.59              |       |
| 67 2-Hexanone                  | 43  | 17.303    | 17.303        | 0.000         | 94  | 1027251  | 4.49            | 4.52              |       |
| 68 Chlorodibromomethane        | 129 | 17.634    | 17.640        | -0.006        | 98  | 1380787  | 4.35            | 4.70              |       |
| 69 Ethylene Dibromide          | 107 | 17.880    | 17.880        | 0.000         | 99  | 1059319  | 4.77            | 4.89              |       |
| * 70 Chlorobenzene-d5          | 117 | 18.790    | 18.795        | -0.005        | 87  | 3401748  | 10.0            | 10.0              |       |
| 71 Chlorobenzene               | 112 | 18.849    | 18.849        | 0.000         | 95  | 1687327  | 4.71            | 4.82              |       |
| 73 Ethylbenzene                | 91  | 19.047    | 19.047        | 0.000         | 99  | 2649423  | 4.59            | 4.82              |       |
| 74 m-Xylene & p-Xylene         | 106 | 19.309    | 19.303        | 0.006         | 0   | 2106479  | 9.24            | 9.91              |       |
| 75 n-Nonane                    | 57  | 19.368    | 19.368        | 0.000         | 91  | 1275245  | 4.71            | 5.19              |       |
| 76 o-Xylene                    | 106 | 20.084    | 20.084        | 0.000         | 99  | 991438   | 4.66            | 4.93              |       |
| S 77 Xylenes, Total            | 106 |           |               |               | 0   |          | 13.9            | 14.8              |       |
| 78 Styrene                     | 104 | 20.116    | 20.116        | 0.000         | 98  | 1563770  | 4.64            | 5.11              |       |
| 79 Bromoform                   | 173 | 20.470    | 20.470        | 0.000         | 98  | 1379367  | 4.62            | 5.40              |       |
| 80 Isopropylbenzene            | 105 | 20.780    | 20.780        | 0.000         | 96  | 2992917  | 4.69            | 5.06              |       |
| 81 1,1,2,2-Tetrachloroethane   | 83  | 21.299    | 21.293        | 0.006         | 100 | 1549508  | 4.65            | 4.93              |       |
| 82 1,2,3-Trichloropropane      | 75  | 21.395    | 21.395        | 0.000         | 98  | 1229669  | 4.76            | 4.90              |       |
| 83 N-Propylbenzene             | 91  | 21.497    | 21.497        | 0.000         | 99  | 3564302  | 4.67            | 5.11              |       |
| 84 2-Chlorotoluene             | 91  | 21.647    | 21.641        | 0.005         | 97  | 2237814  | 4.69            | 5.05              |       |
| 85 4-Ethyltoluene              | 105 | 21.695    | 21.695        | 0.000         | 99  | 2973201  | 4.64            | 5.15              |       |
| 86 1,3,5-Trimethylbenzene      | 105 | 21.791    | 21.791        | 0.000         | 93  | 2512112  | 4.67            | 5.10              |       |
| 87 n-Decane                    | 57  | 21.818    | 21.818        | 0.000         | 92  | 1622913  | 4.68            | 5.34              |       |
| 88 Alpha Methyl Styrene        | 118 | 22.117    | 22.117        | 0.000         | 90  | 1215795  | 4.58            | 4.94              |       |

| Compound                   | Sig | RT<br>(min.) | Adj RT<br>(min.) | Dlt RT<br>(min.) | Q  | Response | Cal Amt<br>ppb v/v | OnCol Amt<br>ppb v/v | Flags |
|----------------------------|-----|--------------|------------------|------------------|----|----------|--------------------|----------------------|-------|
| 89 tert-Butylbenzene       | 119 | 22.267       | 22.267           | 0.000            | 94 | 2543851  | 4.66               | 5.04                 |       |
| 90 1,2,4-Trimethylbenzene  | 105 | 22.358       | 22.358           | 0.000            | 97 | 2505623  | 4.67               | 5.10                 |       |
| 91 sec-Butylbenzene        | 105 | 22.593       | 22.593           | 0.000            | 98 | 3806506  | 4.70               | 5.20                 |       |
| 92 1,3-Dichlorobenzene     | 146 | 22.765       | 22.765           | 0.000            | 97 | 1629470  | 4.75               | 5.22                 |       |
| 93 4-Isopropyltoluene      | 119 | 22.807       | 22.807           | 0.000            | 98 | 3196007  | 4.63               | 5.10                 |       |
| 94 1,4-Dichlorobenzene     | 146 | 22.909       | 22.909           | 0.000            | 96 | 1497571  | 4.70               | 5.26                 |       |
| 95 Benzyl chloride         | 91  | 23.053       | 23.053           | 0.000            | 99 | 1605611  | 4.75               | 4.95                 |       |
| 96 n-Butylbenzene          | 91  | 23.364       | 23.364           | 0.000            | 99 | 2801102  | 4.67               | 5.17                 |       |
| 97 1,2-Dichlorobenzene     | 146 | 23.396       | 23.396           | 0.000            | 96 | 1665026  | 4.69               | 5.09                 |       |
| 98 Undecane                | 57  | 23.514       | 23.514           | 0.000            | 95 | 1708091  | 4.70               | 5.29                 |       |
| 99 Dodecane                | 57  | 25.097       | 25.097           | 0.000            | 96 | 1424815  | 4.21               | 4.17                 |       |
| 100 1,2,4-Trichlorobenzene | 180 | 25.835       | 25.835           | 0.000            | 93 | 856490   | 4.88               | 4.56                 |       |
| 101 Hexachlorobutadiene    | 225 | 26.076       | 26.081           | -0.005           | 97 | 1587492  | 4.61               | 4.78                 |       |
| 102 Naphthalene            | 128 | 26.317       | 26.317           | 0.000            | 99 | 1760905  | 4.37               | 4.51                 |       |
| 103 1,2,3-Trichlorobenzene | 180 | 26.723       | 26.723           | 0.000            | 95 | 879611   | 4.10               | 4.24                 |       |
| 112 Methylcyclohexane      | 83  |              | 0.000            |                  |    |          | ND                 | ND                   |       |

**QC Flag Legend**

## Processing Flags

ND - Not Detected or Marked ND

**Reagents:**

ATTO15CAL3w\_00228

Amount Added: 180.00

Units: mL

ATTO15WISs\_00009

Amount Added: 20.00

Units: mL

Run Reagent

Report Date: 11-Dec-2020 10:11:30

Chrom Revision: 2.3 12-Nov-2020 21:52:08

Eurofins TestAmerica, Burlington

Data File: \\chromfs\Burlington\ChromData\CHW.i\20201210-44014.b\44014-007.d

Injection Date: 10-Dec-2020 21:09:30

Instrument ID: CHW.i

Operator ID: ggg

Lims ID: ic

Worklist Smp#: 7

Client ID:

Purge Vol: 200.000 mL

Dil. Factor: 1.0000

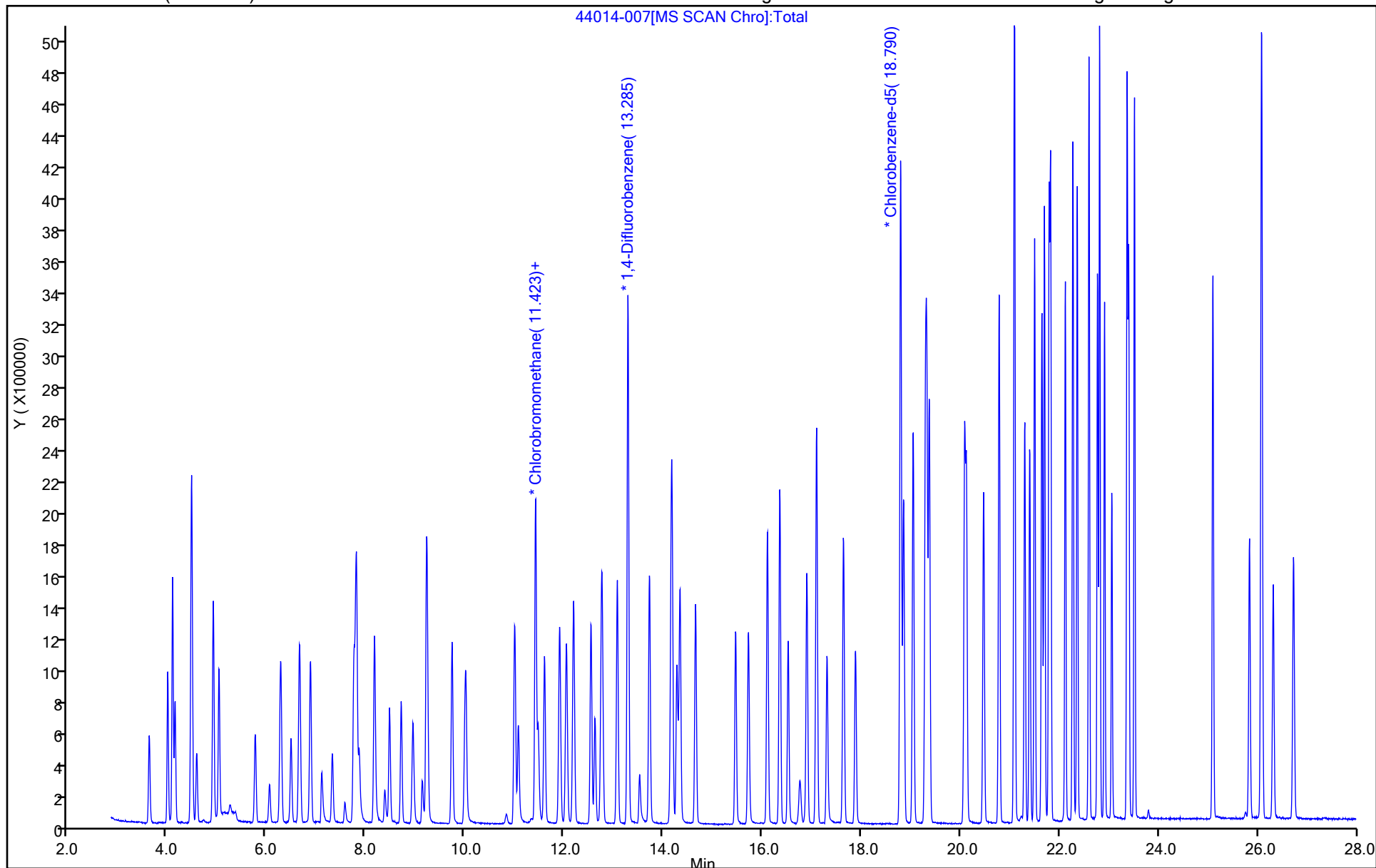
ALS Bottle#: 6

Method: TO15\_TO3\_MasterMethod\_W

Limit Group: AI\_TO15\_ICAL

Column: RTX-624 ( 0.32 mm)

Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



Eurofins TestAmerica, Burlington  
Target Compound Quantitation Report

Data File: \\chromfs\Burlington\ChromData\CHW.i\20201210-44014.b\44014-009.d  
 Lims ID: ic  
 Client ID:  
 Sample Type: IC Calib Level: 6  
 Inject. Date: 10-Dec-2020 22:59:30 ALS Bottle#: 8 Worklist Smp#: 9  
 Purge Vol: 200.000 mL Dil. Factor: 1.0000  
 Sample Info: 200-0044014-009  
 Misc. Info.: ic-06  
 Operator ID: ggg Instrument ID: CHW.i  
 Sublist: chrom-TO15\_TO3\_MasterMethod\_W\*sub5  
 Method: \\chromfs\Burlington\ChromData\CHW.i\20201210-44014.b\TO15\_TO3\_MasterMethod\_W.m  
 Limit Group: AI\_TO15\_ICAL  
 Last Update: 11-Dec-2020 10:11:35 Calib Date: 11-Dec-2020 05:25:30  
 Integrator: RTE ID Type: Deconvolution ID  
 Quant Method: Internal Standard Quant By: Initial Calibration  
 Last ICal File: \\chromfs\Burlington\ChromData\CHW.i\20201210-44014.b\44014-016.d  
 Column 1 : RTX-624 ( 0.32 mm) Det: MS SCAN  
 Process Host: CTX1657

First Level Reviewer: phamvu

Date: 11-Dec-2020 08:38:47

| Compound                           | Sig | RT<br>(min.) | Adj RT<br>(min.) | Dlt RT<br>(min.) | Q   | Response | Cal Amt<br>ppb v/v | OnCol Amt<br>ppb v/v | Flags |
|------------------------------------|-----|--------------|------------------|------------------|-----|----------|--------------------|----------------------|-------|
| 1 Propene                          | 41  | 3.976        | 3.944            | 0.032            | 98  | 2139778  | 15.5               | 15.7                 |       |
| 2 Dichlorodifluoromethane          | 85  | 4.089        | 4.046            | 0.043            | 99  | 6161447  | 15.7               | 15.9                 |       |
| 3 Chlorodifluoromethane            | 51  | 4.131        | 4.094            | 0.037            | 97  | 3838972  | 15.7               | 15.9                 |       |
| 4 1,2-Dichloro-1,1,2,2-tetrafluoro | 85  | 4.484        | 4.442            | 0.042            | 96  | 6368610  | 15.6               | 16.0                 |       |
| 5 Chloromethane                    | 50  | 4.581        | 4.533            | 0.048            | 99  | 2242721  | 16.4               | 16.3                 |       |
| 6 Vinyl chloride                   | 62  | 4.912        | 4.870            | 0.042            | 98  | 2556603  | 15.6               | 15.1                 |       |
| 7 Butane                           | 43  | 4.928        | 4.886            | 0.042            | 99  | 3941571  | 15.5               | 15.9                 |       |
| 8 Butadiene                        | 54  | 5.041        | 4.998            | 0.043            | 97  | 1939005  | 15.2               | 14.3                 |       |
| 9 Bromomethane                     | 94  | 5.774        | 5.736            | 0.038            | 99  | 1838346  | 15.5               | 15.1                 |       |
| 11 Chloroethane                    | 64  | 6.063        | 6.031            | 0.032            | 100 | 1070619  | 15.6               | 15.0                 |       |
| 12 2-Methylbutane                  | 43  | 6.293        | 6.255            | 0.038            | 93  | 2368519  | 15.7               | 15.6                 |       |
| 13 Vinyl bromide                   | 106 | 6.501        | 6.464            | 0.037            | 99  | 1859297  | 15.6               | 15.8                 |       |
| 14 Trichlorofluoromethane          | 101 | 6.672        | 6.635            | 0.037            | 99  | 4912546  | 15.8               | 15.4                 |       |
| 15 Pentane                         | 43  | 6.892        | 6.860            | 0.032            | 98  | 3341278  | 15.2               | 15.4                 |       |
| 16 Ethanol                         | 45  | 7.111        | 7.101            | 0.010            | 100 | 1130060  | 20.0               | 20.2                 |       |
| 18 Ethyl ether                     | 59  | 7.325        | 7.304            | 0.021            | 94  | 1264081  | 15.1               | 15.5                 |       |
| 19 Acrolein                        | 56  | 7.582        | 7.555            | 0.027            | 96  | 705353   | 14.6               | 16.2                 |       |
| 20 1,1-Dichloroethene              | 96  | 7.764        | 7.743            | 0.021            | 96  | 1789344  | 15.4               | 14.5                 |       |
| 21 112TCTFE                        | 101 | 7.812        | 7.791            | 0.021            | 96  | 3767460  | 15.7               | 15.4                 |       |
| 22 Acetone                         | 43  | 7.865        | 7.850            | 0.015            | 98  | 2658416  | 15.4               | 15.7                 |       |
| 24 Carbon disulfide                | 76  | 8.181        | 8.155            | 0.026            | 100 | 5088778  | 15.2               | 15.1                 |       |
| 23 Isopropyl alcohol               | 45  | 8.181        | 8.171            | 0.010            | 100 | 3023878  | 15.3               | 16.2                 |       |
| 25 Acetonitrile                    | 41  | 8.384        | 8.363            | 0.021            | 99  | 1074550  | 14.9               | 16.0                 |       |
| 26 3-Chloro-1-propene              | 41  | 8.486        | 8.465            | 0.021            | 99  | 2270869  | 16.0               | 15.7                 |       |
| 27 Methylene Chloride              | 49  | 8.721        | 8.700            | 0.021            | 94  | 1993389  | 15.4               | 14.9                 |       |
| 28 2-Methyl-2-propanol             | 59  | 8.951        | 8.936            | 0.015            | 95  | 3659256  | 16.2               | 17.1                 |       |
| 29 Acrylonitrile                   | 53  | 9.139        | 9.128            | 0.011            | 94  | 1080425  | 15.2               | 17.5                 |       |
| 30 trans-1,2-Dichloroethene        | 61  | 9.230        | 9.214            | 0.016            | 97  | 2576809  | 15.3               | 15.5                 |       |
| 31 Methyl tert-butyl ether         | 73  | 9.240        | 9.224            | 0.016            | 97  | 5027754  | 15.7               | 16.4                 |       |
| 32 Hexane                          | 57  | 9.743        | 9.727            | 0.016            | 92  | 2628243  | 15.9               | 16.6                 |       |



| 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  | 10.011    | 9.995         | 0.016         | 100 | 3138769  | 15.0            | 14.3              |       |
| 34 Vinyl acetate               | 43  | 10.027    | 10.016        | 0.011         | 100 | 4396624  | 15.6            | 18.6              |       |
| S 35 1,2-Dichloroethene, Total | 61  |           |               |               | 0   |          | 30.5            | 30.1              |       |
| 36 2-Butanone (MEK)            | 72  | 10.995    | 10.985        | 0.010         | 100 | 826785   | 15.5            | 16.1              |       |
| 37 cis-1,2-Dichloroethene      | 96  | 11.011    | 11.001        | 0.010         | 93  | 1818132  | 15.2            | 14.6              |       |
| 38 Ethyl acetate               | 88  | 11.081    | 11.070        | 0.011         | 100 | 155051   | 15.2            | 15.7              |       |
| * 39 Chlorobromomethane        | 128 | 11.428    | 11.418        | 0.010         | 88  | 825604   | 10.0            | 10.0              |       |
| 40 Tetrahydrofuran             | 42  | 11.476    | 11.471        | 0.005         | 92  | 1804631  | 15.0            | 15.3              |       |
| 41 Chloroform                  | 83  | 11.610    | 11.600        | 0.010         | 96  | 3742309  | 15.2            | 14.7              |       |
| 42 1,1,1-Trichloroethane       | 97  | 11.915    | 11.905        | 0.010         | 96  | 4028666  | 15.3            | 14.7              |       |
| 43 Cyclohexane                 | 84  | 12.049    | 12.038        | 0.011         | 97  | 2380822  | 15.2            | 15.7              |       |
| 44 Carbon tetrachloride        | 117 | 12.193    | 12.188        | 0.005         | 98  | 4315721  | 15.2            | 14.6              |       |
| 45 Benzene                     | 78  | 12.546    | 12.541        | 0.005         | 96  | 5278730  | 15.5            | 15.0              |       |
| 46 1,2-Dichloroethane          | 62  | 12.627    | 12.622        | 0.005         | 98  | 2533198  | 15.5            | 15.0              |       |
| 47 Isooctane                   | 57  | 12.766    | 12.755        | 0.011         | 98  | 8264408  | 15.7            | 16.3              |       |
| 48 n-Heptane                   | 43  | 13.076    | 13.071        | 0.005         | 92  | 3059111  | 15.8            | 16.2              |       |
| * 50 1,4-Difluorobenzene       | 114 | 13.295    | 13.285        | 0.010         | 94  | 4005439  | 10.0            | 10.0              |       |
| 53 n-Butanol                   | 56  | 13.515    | 13.515        | 0.000         | 90  | 1075732  | 14.3            | 15.3              |       |
| 51 Trichloroethene             | 95  | 13.723    | 13.718        | 0.005         | 99  | 2439549  | 15.8            | 14.7              |       |
| 54 1,2-Dichloropropane         | 63  | 14.183    | 14.178        | 0.005         | 88  | 2050618  | 15.5            | 15.4              |       |
| 55 Methyl methacrylate         | 69  | 14.274    | 14.269        | 0.005         | 95  | 2018826  | 15.2            | 17.1              |       |
| 56 1,4-Dioxane                 | 88  | 14.312    | 14.307        | 0.005         | 93  | 1192645  | 15.9            | 16.3              |       |
| 57 Dibromomethane              | 174 | 14.344    | 14.339        | 0.005         | 93  | 2693153  | 15.5            | 15.0              |       |
| 58 Dichlorobromomethane        | 83  | 14.654    | 14.649        | 0.005         | 99  | 4380437  | 15.9            | 16.1              |       |
| 60 cis-1,3-Dichloropropene     | 75  | 15.462    | 15.462        | 0.000         | 94  | 3647619  | 15.6            | 17.1              |       |
| 61 4-Methyl-2-pentanone (MIBK) | 43  | 15.719    | 15.719        | 0.000         | 97  | 4337195  | 15.4            | 16.7              |       |
| 62 Toluene                     | 92  | 16.104    | 16.104        | 0.000         | 94  | 4231703  | 15.2            | 15.8              |       |
| 63 n-Octane                    | 43  | 16.355    | 16.350        | 0.005         | 91  | 4660035  | 15.5            | 17.1              |       |
| 64 trans-1,3-Dichloropropene   | 75  | 16.521    | 16.521        | 0.000         | 98  | 3255248  | 14.8            | 16.2              |       |
| 65 1,1,2-Trichloroethane       | 83  | 16.901    | 16.896        | 0.005         | 98  | 2098091  | 15.7            | 15.5              |       |
| 66 Tetrachloroethene           | 166 | 17.099    | 17.094        | 0.005         | 97  | 4125392  | 15.8            | 15.1              |       |
| 67 2-Hexanone                  | 43  | 17.302    | 17.303        | -0.001        | 94  | 3960806  | 15.0            | 16.0              |       |
| 68 Chlorodibromomethane        | 129 | 17.639    | 17.640        | -0.001        | 98  | 4856585  | 14.5            | 15.2              |       |
| 69 Ethylene Dibromide          | 107 | 17.880    | 17.880        | 0.000         | 98  | 3790584  | 15.9            | 16.1              |       |
| * 70 Chlorobenzene-d5          | 117 | 18.790    | 18.795        | -0.005        | 86  | 3700754  | 10.0            | 10.0              |       |
| 71 Chlorobenzene               | 112 | 18.854    | 18.849        | 0.005         | 95  | 5839172  | 15.7            | 15.3              |       |
| 73 Ethylbenzene                | 91  | 19.046    | 19.047        | -0.001        | 98  | 9309028  | 15.3            | 15.6              |       |
| 74 m-Xylene & p-Xylene         | 106 | 19.308    | 19.303        | 0.005         | 0   | 7353725  | 30.8            | 31.8              |       |
| 75 n-Nonane                    | 57  | 19.373    | 19.368        | 0.005         | 90  | 4329916  | 15.7            | 16.2              |       |
| 76 o-Xylene                    | 106 | 20.084    | 20.084        | 0.000         | 99  | 3555401  | 15.5            | 16.3              |       |
| S 77 Xylenes, Total            | 106 |           |               |               | 0   |          | 46.4            | 48.0              |       |
| 78 Styrene                     | 104 | 20.116    | 20.116        | 0.000         | 99  | 5642550  | 15.5            | 16.9              |       |
| 79 Bromoform                   | 173 | 20.469    | 20.470        | -0.001        | 98  | 4877743  | 15.4            | 17.6              |       |
| 80 Isopropylbenzene            | 105 | 20.780    | 20.780        | 0.000         | 96  | 10613878 | 15.6            | 16.5              |       |
| 81 1,1,2,2-Tetrachloroethane   | 83  | 21.299    | 21.293        | 0.006         | 99  | 5404265  | 15.5            | 15.8              |       |
| 82 1,2,3-Trichloropropane      | 75  | 21.395    | 21.395        | 0.000         | 98  | 4252311  | 15.9            | 15.6              |       |
| 83 N-Propylbenzene             | 91  | 21.496    | 21.497        | -0.001        | 99  | 12395295 | 15.6            | 16.3              |       |
| 84 2-Chlorotoluene             | 91  | 21.646    | 21.641        | 0.005         | 97  | 7743029  | 15.7            | 16.1              |       |
| 85 4-Ethyltoluene              | 105 | 21.694    | 21.695        | -0.001        | 99  | 10246114 | 15.5            | 16.3              |       |
| 86 1,3,5-Trimethylbenzene      | 105 | 21.791    | 21.791        | 0.000         | 94  | 8647582  | 15.6            | 16.1              |       |
| 87 n-Decane                    | 57  | 21.817    | 21.818        | -0.001        | 92  | 5499578  | 15.6            | 16.6              |       |
| 88 Alpha Methyl Styrene        | 118 | 22.117    | 22.117        | 0.000         | 89  | 4519977  | 15.3            | 16.9              |       |



| Compound                   | Sig | RT (min.) | Adj RT (min.) | Dlt RT (min.) | Q  | Response | Cal Amt ppb v/v | OnCol Amt ppb v/v | Flags |
|----------------------------|-----|-----------|---------------|---------------|----|----------|-----------------|-------------------|-------|
| 89 tert-Butylbenzene       | 119 | 22.272    | 22.267        | 0.005         | 95 | 8802115  | 15.5            | 16.0              |       |
| 90 1,2,4-Trimethylbenzene  | 105 | 22.358    | 22.358        | 0.000         | 97 | 8729297  | 15.6            | 16.3              |       |
| 91 sec-Butylbenzene        | 105 | 22.593    | 22.593        | 0.000         | 98 | 12932048 | 15.7            | 16.2              |       |
| 92 1,3-Dichlorobenzene     | 146 | 22.770    | 22.765        | 0.005         | 97 | 5808234  | 15.9            | 17.1              |       |
| 93 4-Isopropyltoluene      | 119 | 22.807    | 22.807        | 0.000         | 97 | 11036689 | 15.5            | 16.2              |       |
| 94 1,4-Dichlorobenzene     | 146 | 22.909    | 22.909        | 0.000         | 95 | 5501313  | 15.7            | 17.8              |       |
| 95 Benzyl chloride         | 91  | 23.053    | 23.053        | 0.000         | 99 | 6645841  | 15.9            | 18.8              |       |
| 96 n-Butylbenzene          | 91  | 23.364    | 23.364        | 0.000         | 98 | 9959202  | 15.6            | 16.9              |       |
| 97 1,2-Dichlorobenzene     | 146 | 23.396    | 23.396        | 0.000         | 97 | 5883485  | 15.7            | 16.5              |       |
| 98 Undecane                | 57  | 23.513    | 23.514        | -0.001        | 94 | 5994335  | 15.7            | 17.1              |       |
| 99 Dodecane                | 57  | 25.097    | 25.097        | 0.000         | 97 | 5136426  | 14.0            | 13.8              |       |
| 100 1,2,4-Trichlorobenzene | 180 | 25.835    | 25.835        | 0.000         | 94 | 3552559  | 16.3            | 17.4              |       |
| 101 Hexachlorobutadiene    | 225 | 26.081    | 26.081        | 0.000         | 97 | 5647011  | 15.4            | 15.6              |       |
| 102 Naphthalene            | 128 | 26.317    | 26.317        | 0.000         | 99 | 6881448  | 14.6            | 16.2              |       |
| 103 1,2,3-Trichlorobenzene | 180 | 26.723    | 26.723        | 0.000         | 95 | 3433926  | 13.7            | 15.2              |       |
| 112 Methylcyclohexane      | 83  |           | 0.000         |               |    |          | ND              | ND                |       |

**QC Flag Legend**

Processing Flags

ND - Not Detected or Marked ND

**Reagents:**

ATTO15CAL5w\_00100

Amount Added: 200.00

Units: mL

ATTO15WISs\_00009

Amount Added: 20.00

Units: mL

Run Reagent

Report Date: 11-Dec-2020 10:11:36

Chrom Revision: 2.3 12-Nov-2020 21:52:08

Eurofins TestAmerica, Burlington

Data File: \\chromfs\Burlington\ChromData\CHW.i\20201210-44014.b\44014-009.d

Injection Date: 10-Dec-2020 22:59:30

Instrument ID: CHW.i

Operator ID: ggg

Lims ID: ic

Worklist Smp#: 9

Client ID:

Purge Vol: 200.000 mL

Dil. Factor: 1.0000

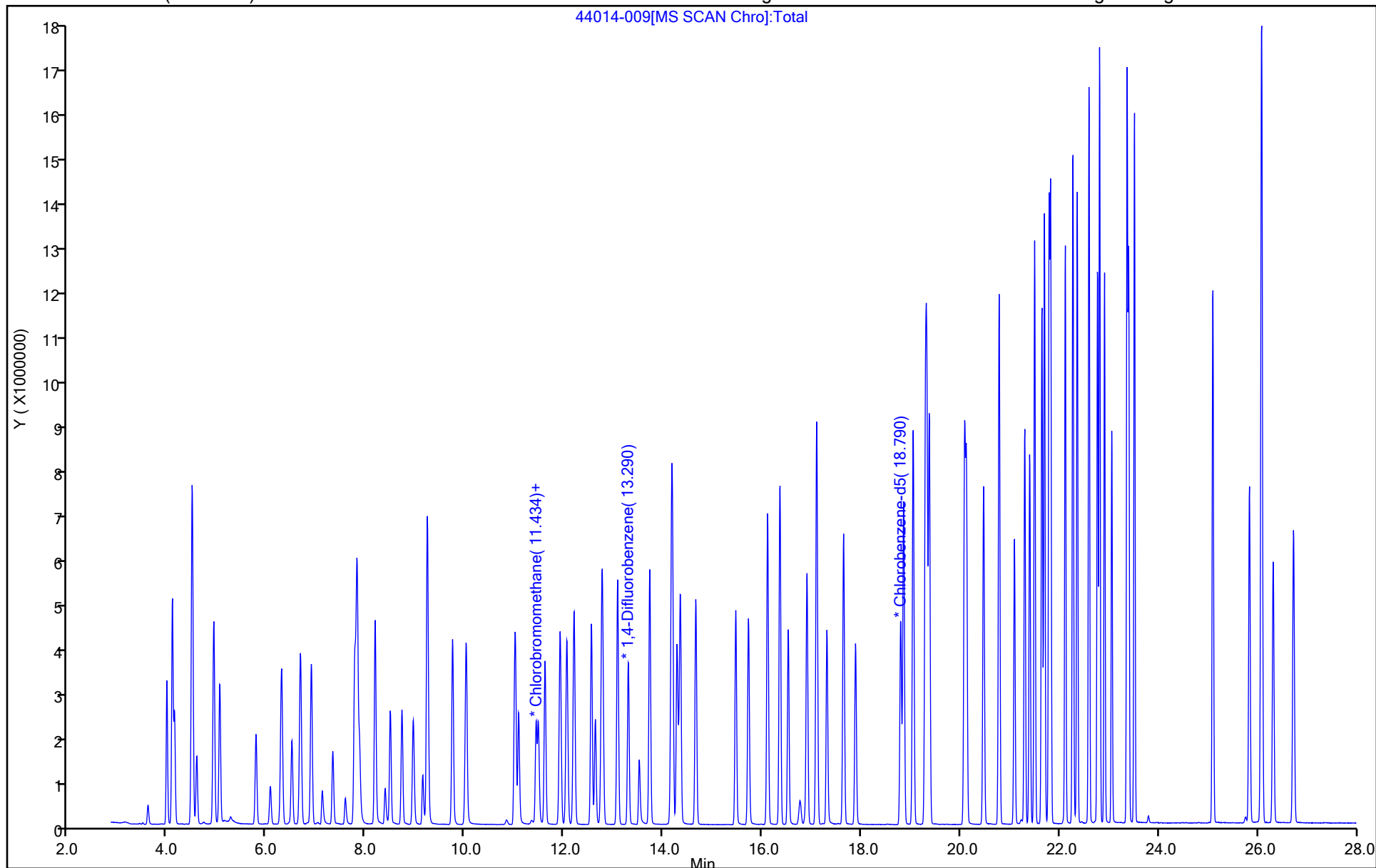
ALS Bottle#: 8

Method: TO15\_TO3\_MasterMethod\_W

Limit Group: AI\_TO15\_ICAL

Column: RTX-624 (0.32 mm)

Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



Eurofins TestAmerica, Burlington  
Target Compound Quantitation Report

Data File: \\chromfs\Burlington\ChromData\CHW.i\20201210-44014.b\44014-012.d  
 Lims ID: ic  
 Client ID:  
 Sample Type: IC Calib Level: 7  
 Inject. Date: 11-Dec-2020 01:44:30 ALS Bottle#: 11 Worklist Smp#: 12  
 Purge Vol: 200.000 mL Dil. Factor: 1.0000  
 Sample Info: 200-0044014-012  
 Misc. Info.: ic-07  
 Operator ID: ggg Instrument ID: CHW.i  
 Sublist: chrom-TO15\_TO3\_MasterMethod\_W\*sub5  
 Method: \\chromfs\Burlington\ChromData\CHW.i\20201210-44014.b\TO15\_TO3\_MasterMethod\_W.m  
 Limit Group: AI\_TO15\_ICAL  
 Last Update: 11-Dec-2020 10:11:22 Calib Date: 11-Dec-2020 05:25:30  
 Integrator: RTE ID Type: Deconvolution ID  
 Quant Method: Internal Standard Quant By: Initial Calibration  
 Last ICal File: \\chromfs\Burlington\ChromData\CHW.i\20201210-44014.b\44014-016.d  
 Column 1 : RTX-624 ( 0.32 mm) Det: MS SCAN  
 Process Host: CTX1657

First Level Reviewer: phamvu

Date: 11-Dec-2020 08:39:28

| 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  | 3.971     | 3.944         | 0.027         | 98  | 2690159  | 20.6            | 18.9              |       |
| 2 Dichlorodifluoromethane          | 85  | 4.083     | 4.046         | 0.037         | 99  | 7644285  | 20.9            | 18.9              |       |
| 3 Chlorodifluoromethane            | 51  | 4.126     | 4.094         | 0.032         | 97  | 4878570  | 21.0            | 19.4              |       |
| 4 1,2-Dichloro-1,1,2,2-tetrafluoro | 85  | 4.485     | 4.442         | 0.043         | 95  | 7510754  | 20.8            | 18.1              |       |
| 5 Chloromethane                    | 50  | 4.576     | 4.533         | 0.043         | 99  | 2834559  | 21.8            | 19.7              |       |
| 6 Vinyl chloride                   | 62  | 4.913     | 4.870         | 0.043         | 98  | 3144973  | 20.8            | 17.8              |       |
| 7 Butane                           | 43  | 4.923     | 4.886         | 0.037         | 98  | 4829965  | 20.7            | 18.7              |       |
| 8 Butadiene                        | 54  | 5.041     | 4.998         | 0.043         | 98  | 2401335  | 20.2            | 16.9              |       |
| 9 Bromomethane                     | 94  | 5.774     | 5.736         | 0.038         | 99  | 2313263  | 20.6            | 18.2              |       |
| 11 Chloroethane                    | 64  | 6.063     | 6.031         | 0.032         | 100 | 1341100  | 20.8            | 17.9              |       |
| 12 2-Methylbutane                  | 43  | 6.288     | 6.255         | 0.033         | 94  | 2957337  | 20.9            | 18.6              |       |
| 13 Vinyl bromide                   | 106 | 6.501     | 6.464         | 0.037         | 99  | 2281676  | 20.8            | 18.6              |       |
| 14 Trichlorofluoromethane          | 101 | 6.673     | 6.635         | 0.038         | 99  | 6214553  | 21.1            | 18.7              |       |
| 15 Pentane                         | 43  | 6.892     | 6.860         | 0.032         | 98  | 4086154  | 20.3            | 18.0              |       |
| 16 Ethanol                         | 45  | 7.111     | 7.101         | 0.010         | 99  | 2174461  | 40.0            | 37.2              |       |
| 18 Ethyl ether                     | 59  | 7.325     | 7.304         | 0.021         | 93  | 1581595  | 20.2            | 18.5              |       |
| 19 Acrolein                        | 56  | 7.577     | 7.555         | 0.022         | 97  | 937212   | 19.4            | 20.6              |       |
| 20 1,1-Dichloroethene              | 96  | 7.764     | 7.743         | 0.021         | 96  | 2201572  | 20.6            | 17.1              |       |
| 21 112TCTFE                        | 101 | 7.812     | 7.791         | 0.021         | 96  | 4847985  | 21.0            | 19.0              |       |
| 22 Acetone                         | 43  | 7.866     | 7.850         | 0.016         | 98  | 3568189  | 20.5            | 20.1              |       |
| 24 Carbon disulfide                | 76  | 8.176     | 8.155         | 0.021         | 100 | 6233236  | 20.3            | 17.7              |       |
| 23 Isopropyl alcohol               | 45  | 8.181     | 8.171         | 0.010         | 100 | 3848287  | 20.4            | 19.7              |       |
| 25 Acetonitrile                    | 41  | 8.385     | 8.363         | 0.022         | 98  | 1457114  | 19.8            | 20.7              |       |
| 26 3-Chloro-1-propene              | 41  | 8.486     | 8.465         | 0.021         | 99  | 2901441  | 21.3            | 19.2              |       |
| 27 Methylene Chloride              | 49  | 8.722     | 8.700         | 0.022         | 95  | 2531505  | 20.6            | 18.2              |       |
| 28 2-Methyl-2-propanol             | 59  | 8.952     | 8.936         | 0.016         | 95  | 4596372  | 21.6            | 20.6              |       |
| 29 Acrylonitrile                   | 53  | 9.139     | 9.128         | 0.011         | 93  | 1458729  | 20.2            | 22.6              |       |
| 30 trans-1,2-Dichloroethene        | 61  | 9.230     | 9.214         | 0.016         | 97  | 3251705  | 20.4            | 18.8              |       |
| 31 Methyl tert-butyl ether         | 73  | 9.235     | 9.224         | 0.011         | 97  | 6490915  | 20.9            | 20.2              |       |
| 32 Hexane                          | 57  | 9.743     | 9.727         | 0.016         | 92  | 3338258  | 21.2            | 20.2              |       |

| 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  | 10.011    | 9.995         | 0.016         | 100 | 4180864  | 20.0            | 18.3              |       |
| 34 Vinyl acetate               | 43  | 10.027    | 10.016        | 0.011         | 100 | 6165491  | 20.8            | 24.9              |       |
| S 35 1,2-Dichloroethene, Total | 61  |           |               |               | 0   |          | 40.6            | 37.8              |       |
| 36 2-Butanone (MEK)            | 72  | 10.995    | 10.985        | 0.010         | 100 | 1114722  | 20.7            | 20.8              |       |
| 37 cis-1,2-Dichloroethene      | 96  | 11.011    | 11.001        | 0.010         | 94  | 2472113  | 20.2            | 19.0              |       |
| 38 Ethyl acetate               | 88  | 11.081    | 11.070        | 0.011         | 100 | 213837   | 20.3            | 20.8              |       |
| * 39 Chlorobromomethane        | 128 | 11.429    | 11.418        | 0.011         | 88  | 862746   | 10.0            | 10.0              |       |
| 40 Tetrahydrofuran             | 42  | 11.471    | 11.471        | 0.000         | 91  | 2520249  | 20.0            | 20.6              |       |
| 41 Chloroform                  | 83  | 11.610    | 11.600        | 0.010         | 97  | 5254012  | 20.2            | 19.8              |       |
| 42 1,1,1-Trichloroethane       | 97  | 11.915    | 11.905        | 0.010         | 96  | 5551802  | 20.4            | 19.6              |       |
| 43 Cyclohexane                 | 84  | 12.054    | 12.038        | 0.016         | 97  | 3087721  | 20.3            | 19.7              |       |
| 44 Carbon tetrachloride        | 117 | 12.194    | 12.188        | 0.006         | 98  | 6004743  | 20.3            | 19.6              |       |
| 45 Benzene                     | 78  | 12.547    | 12.541        | 0.006         | 97  | 7329396  | 20.7            | 20.2              |       |
| 46 1,2-Dichloroethane          | 62  | 12.627    | 12.622        | 0.005         | 98  | 3596962  | 20.7            | 20.6              |       |
| 47 Isooctane                   | 57  | 12.761    | 12.755        | 0.006         | 98  | 10717048 | 20.9            | 20.4              |       |
| 48 n-Heptane                   | 43  | 13.076    | 13.071        | 0.005         | 92  | 4227540  | 21.0            | 21.6              |       |
| * 50 1,4-Difluorobenzene       | 114 | 13.290    | 13.285        | 0.005         | 94  | 4148248  | 10.0            | 10.0              |       |
| 53 n-Butanol                   | 56  | 13.510    | 13.515        | -0.005        | 90  | 1355224  | 19.1            | 18.6              |       |
| 51 Trichloroethene             | 95  | 13.724    | 13.718        | 0.006         | 99  | 3440857  | 21.1            | 20.0              |       |
| 54 1,2-Dichloropropane         | 63  | 14.184    | 14.178        | 0.006         | 87  | 2772589  | 20.6            | 20.1              |       |
| 55 Methyl methacrylate         | 69  | 14.275    | 14.269        | 0.006         | 95  | 2582895  | 20.3            | 21.1              |       |
| 56 1,4-Dioxane                 | 88  | 14.312    | 14.307        | 0.005         | 93  | 1454648  | 21.2            | 19.2              |       |
| 57 Dibromomethane              | 174 | 14.344    | 14.339        | 0.005         | 93  | 3673179  | 20.6            | 19.7              |       |
| 58 Dichlorobromomethane        | 83  | 14.654    | 14.649        | 0.005         | 99  | 5910948  | 21.1            | 21.0              |       |
| 60 cis-1,3-Dichloropropene     | 75  | 15.462    | 15.462        | 0.000         | 94  | 4793592  | 20.8            | 21.7              |       |
| 61 4-Methyl-2-pentanone (MIBK) | 43  | 15.719    | 15.719        | 0.000         | 97  | 5476374  | 20.5            | 20.3              |       |
| 62 Toluene                     | 92  | 16.104    | 16.104        | 0.000         | 94  | 5425518  | 20.3            | 20.9              |       |
| 63 n-Octane                    | 43  | 16.356    | 16.350        | 0.006         | 91  | 6039137  | 20.7            | 21.3              |       |
| 64 trans-1,3-Dichloropropene   | 75  | 16.521    | 16.521        | 0.000         | 98  | 4289367  | 19.8            | 20.5              |       |
| 65 1,1,2-Trichloroethane       | 83  | 16.901    | 16.896        | 0.005         | 98  | 2704977  | 21.0            | 20.6              |       |
| 66 Tetrachloroethene           | 166 | 17.099    | 17.094        | 0.005         | 96  | 5384455  | 21.0            | 20.3              |       |
| 67 2-Hexanone                  | 43  | 17.303    | 17.303        | 0.000         | 95  | 5005073  | 20.0            | 20.9              |       |
| 68 Chlorodibromomethane        | 129 | 17.640    | 17.640        | 0.000         | 98  | 6230194  | 19.4            | 20.1              |       |
| 69 Ethylene Dibromide          | 107 | 17.880    | 17.880        | 0.000         | 98  | 4907035  | 21.2            | 21.5              |       |
| * 70 Chlorobenzene-d5          | 117 | 18.795    | 18.795        | 0.000         | 86  | 3588044  | 10.0            | 10.0              |       |
| 71 Chlorobenzene               | 112 | 18.854    | 18.849        | 0.005         | 95  | 7542265  | 21.0            | 20.4              |       |
| 73 Ethylbenzene                | 91  | 19.047    | 19.047        | 0.000         | 98  | 11933618 | 20.4            | 20.6              |       |
| 74 m-Xylene & p-Xylene         | 106 | 19.309    | 19.303        | 0.006         | 0   | 9501349  | 41.1            | 42.4              |       |
| 75 n-Nonane                    | 57  | 19.368    | 19.368        | 0.000         | 89  | 5585178  | 21.0            | 21.6              |       |
| 76 o-Xylene                    | 106 | 20.084    | 20.084        | 0.000         | 99  | 4597549  | 20.7            | 21.7              |       |
| S 77 Xylenes, Total            | 106 |           |               |               | 0   |          | 61.8            | 64.0              |       |
| 78 Styrene                     | 104 | 20.122    | 20.116        | 0.006         | 98  | 7417360  | 20.6            | 23.0              |       |
| 79 Bromoform                   | 173 | 20.470    | 20.470        | 0.000         | 98  | 6294426  | 20.6            | 23.4              |       |
| 80 Isopropylbenzene            | 105 | 20.780    | 20.780        | 0.000         | 96  | 13687632 | 20.9            | 21.9              |       |
| 81 1,1,2,2-Tetrachloroethane   | 83  | 21.299    | 21.293        | 0.006         | 99  | 6996307  | 20.7            | 21.1              |       |
| 82 1,2,3-Trichloropropane      | 75  | 21.395    | 21.395        | 0.000         | 97  | 5558037  | 21.2            | 21.0              |       |
| 83 N-Propylbenzene             | 91  | 21.497    | 21.497        | 0.000         | 99  | 15964270 | 20.8            | 21.7              |       |
| 84 2-Chlorotoluene             | 91  | 21.647    | 21.641        | 0.005         | 97  | 10089287 | 20.9            | 21.6              |       |
| 85 4-Ethyltoluene              | 105 | 21.695    | 21.695        | 0.000         | 98  | 13431408 | 20.7            | 22.1              |       |
| 86 1,3,5-Trimethylbenzene      | 105 | 21.791    | 21.791        | 0.000         | 94  | 11285546 | 20.8            | 21.7              |       |
| 87 n-Decane                    | 57  | 21.818    | 21.818        | 0.000         | 92  | 7166278  | 20.8            | 22.3              |       |
| 88 Alpha Methyl Styrene        | 118 | 22.117    | 22.117        | 0.000         | 89  | 6041632  | 20.4            | 23.3              |       |

| Compound                   | Sig | RT (min.) | Adj RT (min.) | Dlt RT (min.) | Q  | Response | Cal Amt ppb v/v | OnCol Amt ppb v/v | Flags |
|----------------------------|-----|-----------|---------------|---------------|----|----------|-----------------|-------------------|-------|
| 89 tert-Butylbenzene       | 119 | 22.272    | 22.267        | 0.005         | 94 | 11415219 | 20.7            | 21.4              |       |
| 90 1,2,4-Trimethylbenzene  | 105 | 22.358    | 22.358        | 0.000         | 97 | 11324072 | 20.8            | 21.8              |       |
| 91 sec-Butylbenzene        | 105 | 22.593    | 22.593        | 0.000         | 97 | 16448964 | 20.9            | 21.3              | e     |
| 92 1,3-Dichlorobenzene     | 146 | 22.765    | 22.765        | 0.000         | 97 | 7940319  | 21.2            | 24.1              |       |
| 93 4-Isopropyltoluene      | 119 | 22.807    | 22.807        | 0.000         | 97 | 14345462 | 20.6            | 21.7              |       |
| 94 1,4-Dichlorobenzene     | 146 | 22.909    | 22.909        | 0.000         | 95 | 7659510  | 20.9            | 25.5              |       |
| 95 Benzyl chloride         | 91  | 23.053    | 23.053        | 0.000         | 99 | 9534088  | 21.2            | 27.9              |       |
| 96 n-Butylbenzene          | 91  | 23.364    | 23.364        | 0.000         | 99 | 13188287 | 20.8            | 23.1              |       |
| 97 1,2-Dichlorobenzene     | 146 | 23.396    | 23.396        | 0.000         | 97 | 7909237  | 20.9            | 22.9              |       |
| 98 Undecane                | 57  | 23.514    | 23.514        | 0.000         | 94 | 7966155  | 20.9            | 23.4              |       |
| 99 Dodecane                | 57  | 25.097    | 25.097        | 0.000         | 97 | 7485005  | 18.7            | 20.8              |       |
| 100 1,2,4-Trichlorobenzene | 180 | 25.835    | 25.835        | 0.000         | 94 | 5663906  | 21.7            | 28.6              |       |
| 101 Hexachlorobutadiene    | 225 | 26.081    | 26.081        | 0.000         | 97 | 7721449  | 20.5            | 22.0              |       |
| 102 Naphthalene            | 128 | 26.311    | 26.317        | -0.006        | 99 | 11548777 | 19.4            | 28.0              |       |
| 103 1,2,3-Trichlorobenzene | 180 | 26.723    | 26.723        | 0.000         | 95 | 5270069  | 18.2            | 24.1              |       |
| 112 Methylcyclohexane      | 83  |           | 0.000         |               |    |          | ND              | ND                |       |

### QC Flag Legend

#### Processing Flags

ND - Not Detected or Marked ND

e - Potential Peak Saturated

### Reagents:

ATTO15CAL6w\_00181

Amount Added: 200.00

Units: mL

ATTO15WISs\_00009

Amount Added: 20.00

Units: mL

Run Reagent

Report Date: 11-Dec-2020 10:11:22

Chrom Revision: 2.3 12-Nov-2020 21:52:08

Eurofins TestAmerica, Burlington

Data File: \\chromfs\Burlington\ChromData\CHW.i\20201210-44014.b\44014-012.d

Injection Date: 11-Dec-2020 01:44:30

Instrument ID: CHW.i

Operator ID: ggg

Lims ID: ic

Worklist Smp#: 12

Client ID:

Purge Vol: 200.000 mL

Dil. Factor: 1.0000

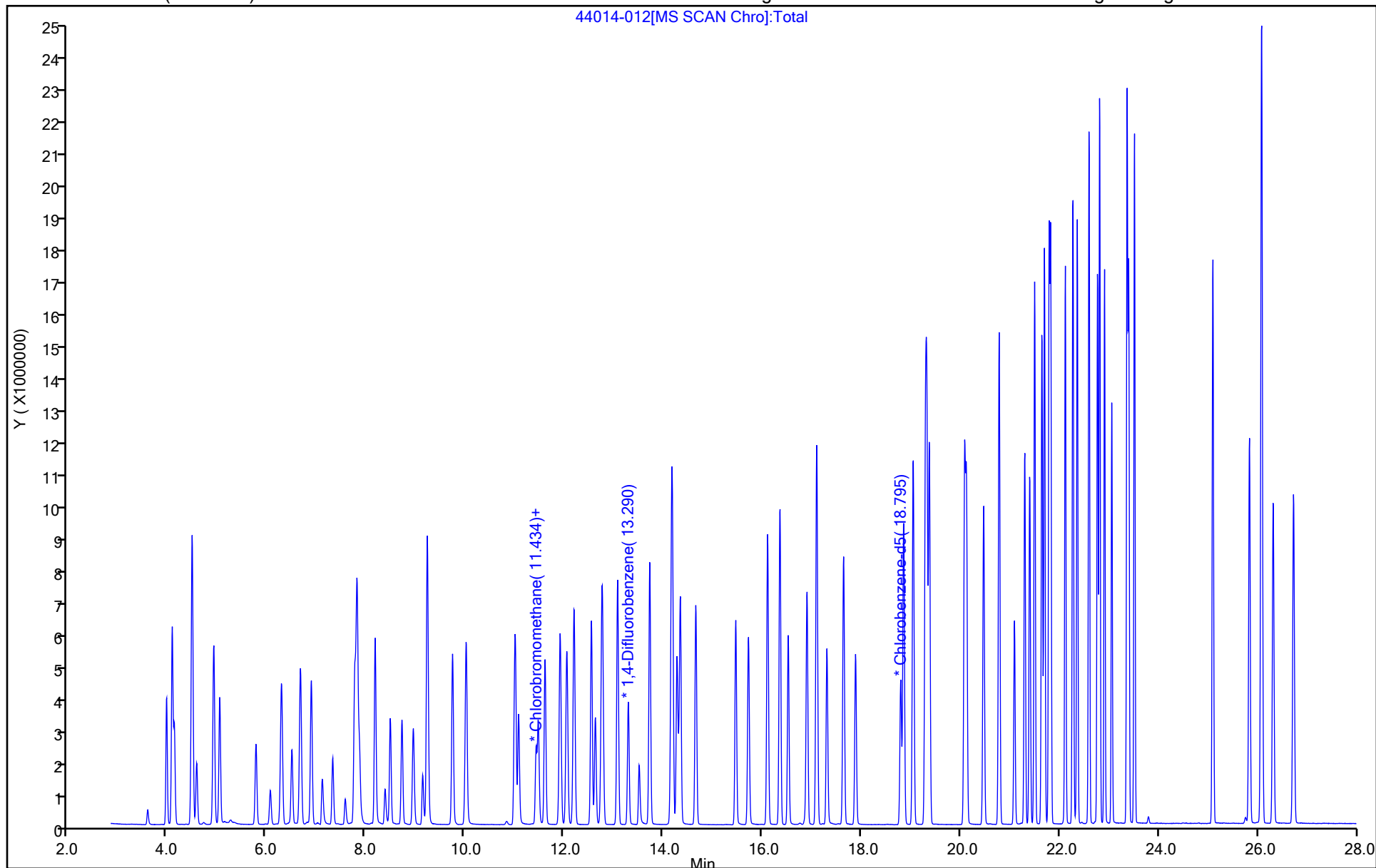
ALS Bottle#: 11

Method: TO15\_TO3\_MasterMethod\_W

Limit Group: AI\_TO15\_ICAL

Column: RTX-624 (0.32 mm)

Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



Eurofins TestAmerica, Burlington  
Target Compound Quantitation Report

Data File: \\chromfs\Burlington\ChromData\CHW.i\20201210-44014.b\44014-013.d  
 Lims ID: ic  
 Client ID:  
 Sample Type: IC Calib Level: 8  
 Inject. Date: 11-Dec-2020 02:39:30 ALS Bottle#: 12 Worklist Smp#: 13  
 Purge Vol: 200.000 mL Dil. Factor: 1.0000  
 Sample Info: 200-0044014-013  
 Misc. Info.: ic-08  
 Operator ID: ggg Instrument ID: CHW.i  
 Sublist: chrom-TO15\_TO3\_MasterMethod\_W\*sub5  
 Method: \\chromfs\Burlington\ChromData\CHW.i\20201210-44014.b\TO15\_TO3\_MasterMethod\_W.m  
 Limit Group: AI\_TO15\_ICAL  
 Last Update: 11-Dec-2020 10:11:37 Calib Date: 11-Dec-2020 05:25:30  
 Integrator: RTE ID Type: Deconvolution ID  
 Quant Method: Internal Standard Quant By: Initial Calibration  
 Last ICal File: \\chromfs\Burlington\ChromData\CHW.i\20201210-44014.b\44014-016.d  
 Column 1 : RTX-624 ( 0.32 mm) Det: MS SCAN  
 Process Host: CTX1657

First Level Reviewer: phamvu

Date: 11-Dec-2020 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  | 4.003     | 3.944         | 0.059         | 98  | 5938860  | 41.3            | 39.2              |       |
| 2 Dichlorodifluoromethane          | 85  | 4.121     | 4.046         | 0.075         | 99  | 16989184 | 41.8            | 39.3              |       |
| 3 Chlorodifluoromethane            | 51  | 4.158     | 4.094         | 0.064         | 97  | 10668322 | 41.9            | 39.7              |       |
| 4 1,2-Dichloro-1,1,2,2-tetrafluoro | 85  | 4.522     | 4.442         | 0.080         | 93  | 17044615 | 41.6            | 38.6              |       |
| 5 Chloromethane                    | 50  | 4.613     | 4.533         | 0.080         | 99  | 6381875  | 43.7            | 41.5              |       |
| 6 Vinyl chloride                   | 62  | 4.950     | 4.870         | 0.080         | 98  | 7265963  | 41.6            | 38.5              |       |
| 7 Butane                           | 43  | 4.961     | 4.886         | 0.075         | 98  | 10864854 | 41.4            | 39.4              |       |
| 8 Butadiene                        | 54  | 5.078     | 4.998         | 0.080         | 98  | 5340625  | 40.5            | 35.3              |       |
| 9 Bromomethane                     | 94  | 5.806     | 5.736         | 0.070         | 99  | 5511103  | 41.2            | 40.6              |       |
| 11 Chloroethane                    | 64  | 6.095     | 6.031         | 0.064         | 100 | 3192042  | 41.6            | 40.0              |       |
| 12 2-Methylbutane                  | 43  | 6.320     | 6.255         | 0.065         | 94  | 6857314  | 41.8            | 40.5              |       |
| 13 Vinyl bromide                   | 106 | 6.528     | 6.464         | 0.064         | 98  | 5421726  | 41.7            | 41.4              |       |
| 14 Trichlorofluoromethane          | 101 | 6.699     | 6.635         | 0.064         | 99  | 13880153 | 42.2            | 39.1              |       |
| 15 Pentane                         | 43  | 6.919     | 6.860         | 0.059         | 98  | 9626682  | 40.5            | 39.8              |       |
| 16 Ethanol                         | 45  | 7.127     | 7.101         | 0.026         | 100 | 5862478  | 100.0           | 94.2              |       |
| 18 Ethyl ether                     | 59  | 7.341     | 7.304         | 0.037         | 94  | 3769849  | 40.3            | 41.4              |       |
| 19 Acrolein                        | 56  | 7.593     | 7.555         | 0.038         | 97  | 2216396  | 38.9            | 45.8              |       |
| 20 1,1-Dichloroethene              | 96  | 7.785     | 7.743         | 0.042         | 97  | 5279002  | 41.1            | 38.5              |       |
| 21 112TCTFE                        | 101 | 7.833     | 7.791         | 0.042         | 96  | 10939501 | 42.0            | 40.2              |       |
| 22 Acetone                         | 43  | 7.882     | 7.850         | 0.032         | 98  | 7620417  | 41.0            | 40.4              |       |
| 24 Carbon disulfide                | 76  | 8.197     | 8.155         | 0.042         | 100 | 14466634 | 40.6            | 38.5              |       |
| 23 Isopropyl alcohol               | 45  | 8.197     | 8.171         | 0.026         | 100 | 8666891  | 40.9            | 41.6              |       |
| 25 Acetonitrile                    | 41  | 8.395     | 8.363         | 0.032         | 98  | 3131019  | 39.6            | 41.8              |       |
| 26 3-Chloro-1-propene              | 41  | 8.502     | 8.465         | 0.037         | 99  | 6556552  | 42.6            | 40.6              |       |
| 27 Methylene Chloride              | 49  | 8.738     | 8.700         | 0.038         | 94  | 5640250  | 41.1            | 37.9              |       |
| 28 2-Methyl-2-propanol             | 59  | 8.962     | 8.936         | 0.026         | 94  | 10255193 | 43.1            | 43.0              |       |
| 29 Acrylonitrile                   | 53  | 9.155     | 9.128         | 0.027         | 93  | 3167257  | 40.4            | 46.1              |       |
| 30 trans-1,2-Dichloroethene        | 61  | 9.246     | 9.214         | 0.032         | 97  | 7279236  | 40.8            | 39.4              |       |
| 31 Methyl tert-butyl ether         | 73  | 9.251     | 9.224         | 0.027         | 97  | 14128665 | 41.8            | 41.3              |       |
| 32 Hexane                          | 57  | 9.754     | 9.727         | 0.027         | 92  | 7523995  | 42.4            | 42.7              |       |



| 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  | 10.022    | 9.995         | 0.027         | 100 | 8809469  | 40.0            | 36.1              |       |
| 34 Vinyl acetate               | 43  | 10.038    | 10.016        | 0.022         | 100 | 12774666 | 41.6            | 48.5              |       |
| S 35 1,2-Dichloroethene, Total | 61  |           |               |               | 0   |          | 81.2            | 77.2              |       |
| 36 2-Butanone (MEK)            | 72  | 11.000    | 10.985        | 0.015         | 100 | 2550356  | 41.4            | 44.6              |       |
| 37 cis-1,2-Dichloroethene      | 96  | 11.022    | 11.001        | 0.021         | 94  | 5240977  | 40.4            | 37.8              |       |
| 38 Ethyl acetate               | 88  | 11.086    | 11.070        | 0.016         | 100 | 490626   | 40.5            | 44.7              |       |
| * 39 Chlorobromomethane        | 128 | 11.439    | 11.418        | 0.021         | 87  | 919545   | 10.0            | 10.0              |       |
| 40 Tetrahydrofuran             | 42  | 11.482    | 11.471        | 0.011         | 90  | 5423504  | 40.0            | 39.8              |       |
| 41 Chloroform                  | 83  | 11.621    | 11.600        | 0.021         | 97  | 10883048 | 40.4            | 38.4              |       |
| 42 1,1,1-Trichloroethane       | 97  | 11.926    | 11.905        | 0.021         | 96  | 11477065 | 40.8            | 36.3              |       |
| 43 Cyclohexane                 | 84  | 12.060    | 12.038        | 0.022         | 97  | 6847751  | 40.6            | 39.2              |       |
| 44 Carbon tetrachloride        | 117 | 12.204    | 12.188        | 0.016         | 99  | 12498844 | 40.6            | 36.5              |       |
| 45 Benzene                     | 78  | 12.557    | 12.541        | 0.016         | 97  | 15581969 | 41.3            | 38.4              |       |
| 46 1,2-Dichloroethane          | 62  | 12.632    | 12.622        | 0.010         | 98  | 7374475  | 41.4            | 37.8              |       |
| 47 Isooctane                   | 57  | 12.771    | 12.755        | 0.016         | 98  | 23103605 | 41.9            | 39.4              |       |
| 48 n-Heptane                   | 43  | 13.082    | 13.071        | 0.011         | 92  | 9153520  | 42.0            | 41.9              |       |
| * 50 1,4-Difluorobenzene       | 114 | 13.301    | 13.285        | 0.016         | 94  | 4630760  | 10.0            | 10.0              |       |
| 53 n-Butanol                   | 56  | 13.515    | 13.515        | 0.000         | 89  | 3346067  | 38.2            | 41.1              |       |
| 51 Trichloroethene             | 95  | 13.729    | 13.718        | 0.011         | 99  | 7655275  | 42.1            | 39.8              |       |
| 54 1,2-Dichloropropane         | 63  | 14.194    | 14.178        | 0.016         | 88  | 6130632  | 41.2            | 39.9              |       |
| 55 Methyl methacrylate         | 69  | 14.280    | 14.269        | 0.011         | 96  | 5909055  | 40.6            | 43.3              |       |
| 56 1,4-Dioxane                 | 88  | 14.317    | 14.307        | 0.010         | 93  | 3205573  | 42.3            | 38.0              |       |
| 57 Dibromomethane              | 174 | 14.349    | 14.339        | 0.010         | 92  | 8161007  | 41.2            | 39.3              |       |
| 58 Dichlorobromomethane        | 83  | 14.660    | 14.649        | 0.011         | 99  | 12739964 | 42.3            | 40.5              |       |
| 60 cis-1,3-Dichloropropene     | 75  | 15.468    | 15.462        | 0.006         | 94  | 10749104 | 41.6            | 43.5              |       |
| 61 4-Methyl-2-pentanone (MIBK) | 43  | 15.724    | 15.719        | 0.005         | 96  | 12056321 | 41.0            | 40.1              |       |
| 62 Toluene                     | 92  | 16.109    | 16.104        | 0.005         | 95  | 12064589 | 40.6            | 41.8              |       |
| 63 n-Octane                    | 43  | 16.356    | 16.350        | 0.006         | 90  | 12965839 | 41.3            | 41.1              |       |
| 64 trans-1,3-Dichloropropene   | 75  | 16.527    | 16.521        | 0.006         | 98  | 9466926  | 39.5            | 40.6              |       |
| 65 1,1,2-Trichloroethane       | 83  | 16.901    | 16.896        | 0.005         | 98  | 5989208  | 41.9            | 41.0              |       |
| 66 Tetrachloroethene           | 166 | 17.099    | 17.094        | 0.005         | 97  | 11828735 | 42.0            | 40.1              |       |
| 67 2-Hexanone                  | 43  | 17.308    | 17.303        | 0.005         | 95  | 11257368 | 40.0            | 42.2              |       |
| 68 Chlorodibromomethane        | 129 | 17.645    | 17.640        | 0.005         | 98  | 13219164 | 38.7            | 38.3              |       |
| 69 Ethylene Dibromide          | 107 | 17.886    | 17.880        | 0.006         | 99  | 10977335 | 42.4            | 43.1              |       |
| * 70 Chlorobenzene-d5          | 117 | 18.795    | 18.795        | 0.000         | 85  | 3998138  | 10.0            | 10.0              |       |
| 71 Chlorobenzene               | 112 | 18.854    | 18.849        | 0.005         | 95  | 16371090 | 42.0            | 39.8              |       |
| 73 Ethylbenzene                | 91  | 19.041    | 19.047        | -0.006        | 98  | 24010945 | 40.9            | 37.2              | e     |
| 74 m-Xylene & p-Xylene         | 106 | 19.314    | 19.303        | 0.011         | 0   | 20548775 | 82.2            | 82.2              |       |
| 75 n-Nonane                    | 57  | 19.373    | 19.368        | 0.005         | 88  | 12075731 | 41.9            | 41.8              |       |
| 76 o-Xylene                    | 106 | 20.084    | 20.084        | 0.000         | 100 | 10040010 | 41.4            | 42.5              |       |
| S 77 Xylenes, Total            | 106 |           |               |               | 0   |          | 123.7           | 124.7             |       |
| 78 Styrene                     | 104 | 20.122    | 20.116        | 0.006         | 99  | 16137655 | 41.3            | 44.9              |       |
| 79 Bromoform                   | 173 | 20.469    | 20.470        | -0.001        | 97  | 11838922 | 41.2            | 39.4              |       |
| 80 Isopropylbenzene            | 105 | 20.769    | 20.780        | -0.011        | 97  | 24258412 | 41.7            | 34.9              | e     |
| 81 1,1,2,2-Tetrachloroethane   | 83  | 21.299    | 21.293        | 0.006         | 99  | 14522914 | 41.4            | 39.3              |       |
| 82 1,2,3-Trichloropropane      | 75  | 21.400    | 21.395        | 0.005         | 97  | 11753894 | 42.4            | 39.8              |       |
| 83 N-Propylbenzene             | 91  | 21.486    | 21.497        | -0.011        | 97  | 23689540 | 41.6            | 28.9              | e     |
| 84 2-Chlorotoluene             | 91  | 21.641    | 21.641        | 0.000         | 95  | 19498074 | 41.8            | 37.4              | e     |
| 85 4-Ethyltoluene              | 105 | 21.684    | 21.695        | -0.011        | 97  | 21758789 | 41.3            | 32.1              | e     |
| 86 1,3,5-Trimethylbenzene      | 105 | 21.780    | 21.791        | -0.011        | 96  | 20224853 | 41.6            | 34.9              | e     |
| 87 n-Decane                    | 57  | 21.823    | 21.818        | 0.005         | 93  | 14922459 | 41.7            | 41.7              |       |
| 88 Alpha Methyl Styrene        | 118 | 22.117    | 22.117        | 0.000         | 88  | 12856166 | 40.8            | 44.4              |       |



| Compound                   | Sig | RT<br>(min.) | Adj RT<br>(min.) | Dlt RT<br>(min.) | Q  | Response | Cal Amt<br>ppb v/v | OnCol Amt<br>ppb v/v | Flags |
|----------------------------|-----|--------------|------------------|------------------|----|----------|--------------------|----------------------|-------|
| 89 tert-Butylbenzene       | 119 | 22.262       | 22.267           | -0.005           | 89 | 20438882 | 41.4               | 34.4                 | e     |
| 90 1,2,4-Trimethylbenzene  | 105 | 22.353       | 22.358           | -0.005           | 94 | 19566877 | 41.6               | 33.9                 | e     |
| 91 sec-Butylbenzene        | 105 | 22.583       | 22.593           | -0.010           | 95 | 22632569 | 41.8               | 26.3                 | e     |
| 92 1,3-Dichlorobenzene     | 146 | 22.765       | 22.765           | -0.001           | 97 | 16105940 | 42.3               | 43.9                 | e     |
| 93 4-Isopropyltoluene      | 119 | 22.802       | 22.807           | -0.005           | 94 | 20934618 | 41.2               | 28.4                 | e     |
| 94 1,4-Dichlorobenzene     | 146 | 22.909       | 22.909           | 0.000            | 97 | 15787272 | 41.9               | 47.2                 | e     |
| 95 Benzyl chloride         | 91  | 23.048       | 23.053           | -0.005           | 97 | 17741386 | 42.3               | 46.5                 | e     |
| 96 n-Butylbenzene          | 91  | 23.364       | 23.364           | 0.000            | 89 | 20171638 | 41.6               | 31.7                 | e     |
| 97 1,2-Dichlorobenzene     | 146 | 23.396       | 23.396           | 0.000            | 94 | 16065964 | 41.8               | 41.8                 | e     |
| 98 Undecane                | 57  | 23.508       | 23.514           | -0.006           | 93 | 16173459 | 41.8               | 42.7                 | e     |
| 99 Dodecane                | 57  | 25.097       | 25.097           | 0.000            | 96 | 15992470 | 37.4               | 39.8                 |       |
| 100 1,2,4-Trichlorobenzene | 180 | 25.835       | 25.835           | 0.000            | 94 | 12913241 | 43.4               | 58.5                 |       |
| 101 Hexachlorobutadiene    | 225 | 26.081       | 26.081           | 0.000            | 97 | 16664592 | 41.0               | 42.7                 |       |
| 102 Naphthalene            | 128 | 26.306       | 26.317           | -0.011           | 99 | 23119580 | 38.9               | 50.4                 | e     |
| 103 1,2,3-Trichlorobenzene | 180 | 26.723       | 26.723           | 0.000            | 95 | 11469244 | 36.5               | 47.0                 |       |
| 112 Methylcyclohexane      | 83  |              | 0.000            |                  |    |          | ND                 | ND                   |       |

### QC Flag Legend

#### Processing Flags

ND - Not Detected or Marked ND

e - Potential Peak Saturated

### Reagents:

ATTO15CAL7w\_00100

Amount Added: 200.00

Units: mL

ATTO15WISs\_00009

Amount Added: 20.00

Units: mL

Run Reagent

Report Date: 11-Dec-2020 10:11:38

Chrom Revision: 2.3 12-Nov-2020 21:52:08

Eurofins TestAmerica, Burlington

Data File: \\chromfs\Burlington\ChromData\CHW.i\20201210-44014.b\44014-013.d

Injection Date: 11-Dec-2020 02:39:30

Instrument ID: CHW.i

Operator ID: ggg

Lims ID: ic

Worklist Smp#: 13

Client ID:

Purge Vol: 200.000 mL

Dil. Factor: 1.0000

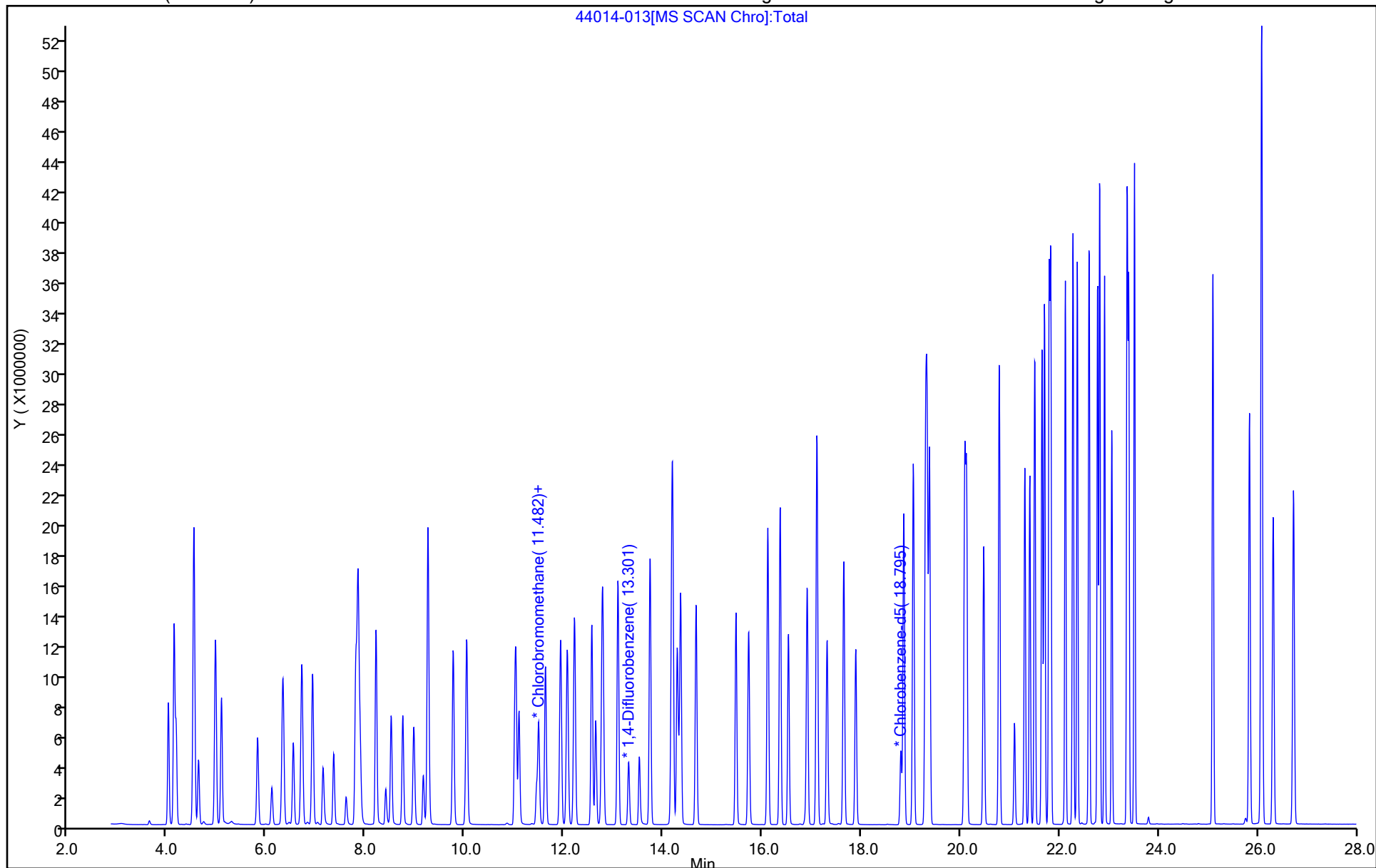
ALS Bottle#: 12

Method: TO15\_TO3\_MasterMethod\_W

Limit Group: AI\_TO15\_ICAL

Column: RTX-624 (0.32 mm)

Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



Eurofins TestAmerica, Burlington  
Target Compound Quantitation Report

Data File: \\chromfs\Burlington\ChromData\CHW.i\20201210-44014.b\44014-016.d  
 Lims ID: icis  
 Client ID:  
 Sample Type: ICIS Calib Level: 5  
 Inject. Date: 11-Dec-2020 05:25:30 ALS Bottle#: 15 Worklist Smp#: 16  
 Purge Vol: 200.000 mL Dil. Factor: 1.0000  
 Sample Info: 200-0044014-016  
 Operator ID: ggg Instrument ID: CHW.i  
 Sublist: chrom-TO15\_TO3\_MasterMethod\_W\*sub5  
 Method: \\chromfs\Burlington\ChromData\CHW.i\20201210-44014.b\TO15\_TO3\_MasterMethod\_W.m  
 Limit Group: AI\_TO15\_ICAL  
 Last Update: 11-Dec-2020 10:11:39 Calib Date: 11-Dec-2020 05:25:30  
 Integrator: RTE ID Type: Deconvolution ID  
 Quant Method: Internal Standard Quant By: Initial Calibration  
 Last ICal File: \\chromfs\Burlington\ChromData\CHW.i\20201210-44014.b\44014-016.d  
 Column 1 : RTX-624 ( 0.32 mm) Det: MS SCAN  
 Process Host: CTX1657

First Level Reviewer: guazzonig

Date: 11-Dec-2020 10:08:44

| Compound                           | Sig | RT<br>(min.) | Adj RT<br>(min.) | Dlt RT<br>(min.) | Q   | Response | Cal Amt<br>ppb v/v | OnCol Amt<br>ppb v/v | Flags |
|------------------------------------|-----|--------------|------------------|------------------|-----|----------|--------------------|----------------------|-------|
| 1 Propene                          | 41  | 3.944        | 3.944            | 0.000            | 98  | 1445578  | 10.3               | 9.90                 |       |
| 2 Dichlorodifluoromethane          | 85  | 4.046        | 4.046            | 0.000            | 99  | 4232050  | 10.4               | 10.2                 |       |
| 3 Chlorodifluoromethane            | 51  | 4.094        | 4.094            | 0.000            | 97  | 2649634  | 10.5               | 10.2                 |       |
| 4 1,2-Dichloro-1,1,2,2-tetrafluoro | 85  | 4.442        | 4.442            | 0.000            | 96  | 4367546  | 10.4               | 10.3                 |       |
| 5 Chloromethane                    | 50  | 4.533        | 4.533            | 0.000            | 99  | 1511850  | 10.9               | 10.2                 |       |
| 6 Vinyl chloride                   | 62  | 4.870        | 4.870            | 0.000            | 98  | 1717450  | 10.4               | 9.44                 |       |
| 7 Butane                           | 43  | 4.886        | 4.886            | 0.000            | 99  | 2644548  | 10.4               | 9.95                 |       |
| 8 Butadiene                        | 54  | 4.998        | 4.998            | 0.000            | 98  | 1304128  | 10.1               | 8.95                 |       |
| 9 Bromomethane                     | 94  | 5.736        | 5.736            | 0.000            | 99  | 1262502  | 10.3               | 9.64                 |       |
| 11 Chloroethane                    | 64  | 6.031        | 6.031            | 0.000            | 100 | 737755   | 10.4               | 9.60                 |       |
| 12 2-Methylbutane                  | 43  | 6.255        | 6.255            | 0.000            | 93  | 1583938  | 10.4               | 9.71                 |       |
| 13 Vinyl bromide                   | 106 | 6.464        | 6.464            | 0.000            | 99  | 1245583  | 10.4               | 9.88                 |       |
| 14 Trichlorofluoromethane          | 101 | 6.635        | 6.635            | 0.000            | 99  | 3355062  | 10.6               | 9.82                 |       |
| 15 Pentane                         | 43  | 6.860        | 6.860            | 0.000            | 98  | 2261280  | 10.1               | 9.69                 |       |
| 16 Ethanol                         | 45  | 7.101        | 7.101            | 0.000            | 100 | 856744   | 15.0               | 14.3                 |       |
| 18 Ethyl ether                     | 59  | 7.304        | 7.304            | 0.000            | 96  | 848845   | 10.1               | 9.68                 |       |
| 19 Acrolein                        | 56  | 7.555        | 7.555            | 0.000            | 96  | 453576   | 9.72               | 9.73                 |       |
| 20 1,1-Dichloroethene              | 96  | 7.743        | 7.743            | 0.000            | 96  | 1205372  | 10.3               | 9.11                 |       |
| 21 112TCTFE                        | 101 | 7.791        | 7.791            | 0.000            | 97  | 2582325  | 10.5               | 9.84                 |       |
| 22 Acetone                         | 43  | 7.850        | 7.850            | 0.000            | 98  | 1786321  | 10.2               | 9.82                 |       |
| 24 Carbon disulfide                | 76  | 8.155        | 8.155            | 0.000            | 100 | 3454359  | 10.2               | 9.54                 |       |
| 23 Isopropyl alcohol               | 45  | 8.171        | 8.171            | 0.000            | 99  | 1896919  | 10.2               | 9.46                 |       |
| 25 Acetonitrile                    | 41  | 8.363        | 8.363            | 0.000            | 98  | 697528   | 9.90               | 9.67                 |       |
| 26 3-Chloro-1-propene              | 41  | 8.465        | 8.465            | 0.000            | 99  | 1518869  | 10.6               | 9.77                 |       |
| 27 Methylene Chloride              | 49  | 8.700        | 8.700            | 0.000            | 94  | 1334149  | 10.3               | 9.31                 |       |
| 28 2-Methyl-2-propanol             | 59  | 8.936        | 8.936            | 0.000            | 95  | 2346619  | 10.8               | 10.2                 |       |
| 29 Acrylonitrile                   | 53  | 9.128        | 9.128            | 0.000            | 94  | 706201   | 10.1               | 10.7                 |       |
| 30 trans-1,2-Dichloroethene        | 61  | 9.214        | 9.214            | 0.000            | 98  | 1718525  | 10.2               | 9.65                 |       |
| 31 Methyl tert-butyl ether         | 73  | 9.224        | 9.224            | 0.000            | 97  | 3351495  | 10.4               | 10.2                 |       |
| 32 Hexane                          | 57  | 9.727        | 9.727            | 0.000            | 93  | 1751525  | 10.6               | 10.3                 |       |
| 33 1,1-Dichloroethane              | 63  | 9.995        | 9.995            | 0.000            | 100 | 2097615  | 10.0               | 8.92                 |       |

| 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  | 10.016    | 10.016        | 0.000         | 100 | 1331384  | 10.4            | 5.24              |       |
| S 35 1,2-Dichloroethene, Total | 61  |           |               |               | 0   |          | 20.3            | 18.7              |       |
| 36 2-Butanone (MEK)            | 72  | 10.985    | 10.985        | 0.000         | 100 | 521318   | 10.3            | 9.47              |       |
| 37 cis-1,2-Dichloroethene      | 96  | 11.001    | 11.001        | 0.000         | 94  | 1211704  | 10.1            | 9.07              |       |
| 38 Ethyl acetate               | 88  | 11.070    | 11.070        | 0.000         | 100 | 92855    | 10.1            | 8.78              |       |
| * 39 Chlorobromomethane        | 128 | 11.418    | 11.418        | 0.000         | 87  | 886083   | 10.0            | 10.0              |       |
| 40 Tetrahydrofuran             | 42  | 11.471    | 11.471        | 0.000         | 91  | 1161014  | 9.99            | 9.37              |       |
| 41 Chloroform                  | 83  | 11.600    | 11.600        | 0.000         | 96  | 2509992  | 10.1            | 9.20              |       |
| 42 1,1,1-Trichloroethane       | 97  | 11.905    | 11.905        | 0.000         | 95  | 2717707  | 10.2            | 9.46              |       |
| 43 Cyclohexane                 | 84  | 12.038    | 12.038        | 0.000         | 97  | 1563881  | 10.1            | 9.85              |       |
| 44 Carbon tetrachloride        | 117 | 12.188    | 12.188        | 0.000         | 98  | 2913438  | 10.2            | 9.36              |       |
| 45 Benzene                     | 78  | 12.541    | 12.541        | 0.000         | 96  | 3539951  | 10.3            | 9.60              |       |
| 46 1,2-Dichloroethane          | 62  | 12.622    | 12.622        | 0.000         | 98  | 1694307  | 10.4            | 9.56              |       |
| 47 Isooctane                   | 57  | 12.755    | 12.755        | 0.000         | 98  | 5514859  | 10.5            | 10.3              |       |
| 48 n-Heptane                   | 43  | 13.071    | 13.071        | 0.000         | 92  | 2019894  | 10.5            | 10.2              |       |
| * 50 1,4-Difluorobenzene       | 114 | 13.285    | 13.285        | 0.000         | 94  | 4206765  | 10.0            | 10.0              |       |
| 53 n-Butanol                   | 56  | 13.515    | 13.515        | 0.000         | 89  | 675887   | 9.55            | 9.14              |       |
| 51 Trichloroethene             | 95  | 13.718    | 13.718        | 0.000         | 99  | 1857567  | 10.5            | 10.6              |       |
| 54 1,2-Dichloropropane         | 63  | 14.178    | 14.178        | 0.000         | 89  | 1334068  | 10.3            | 9.55              |       |
| 55 Methyl methacrylate         | 69  | 14.269    | 14.269        | 0.000         | 95  | 1181046  | 10.2            | 9.53              |       |
| 56 1,4-Dioxane                 | 88  | 14.307    | 14.307        | 0.000         | 93  | 799277   | 10.6            | 10.4              |       |
| 57 Dibromomethane              | 174 | 14.339    | 14.339        | 0.000         | 93  | 1787367  | 10.3            | 9.47              |       |
| 58 Dichlorobromomethane        | 83  | 14.649    | 14.649        | 0.000         | 99  | 2758565  | 10.6            | 9.65              |       |
| 60 cis-1,3-Dichloropropene     | 75  | 15.462    | 15.462        | 0.000         | 94  | 2219642  | 10.4            | 9.89              |       |
| 61 4-Methyl-2-pentanone (MIBK) | 43  | 15.719    | 15.719        | 0.000         | 97  | 2775811  | 10.2            | 10.2              |       |
| 62 Toluene                     | 92  | 16.104    | 16.104        | 0.000         | 94  | 2571745  | 10.2            | 9.24              |       |
| 63 n-Octane                    | 43  | 16.350    | 16.350        | 0.000         | 92  | 2862603  | 10.3            | 9.98              |       |
| 64 trans-1,3-Dichloropropene   | 75  | 16.521    | 16.521        | 0.000         | 98  | 2073544  | 9.88            | 9.80              |       |
| 65 1,1,2-Trichloroethane       | 83  | 16.896    | 16.896        | 0.000         | 98  | 1349568  | 10.5            | 9.58              |       |
| 66 Tetrachloroethene           | 166 | 17.094    | 17.094        | 0.000         | 97  | 2547305  | 10.5            | 8.97              |       |
| 67 2-Hexanone                  | 43  | 17.303    | 17.303        | 0.000         | 94  | 2495569  | 9.99            | 9.71              |       |
| 68 Chlorodibromomethane        | 129 | 17.640    | 17.640        | 0.000         | 98  | 3148162  | 9.68            | 9.47              |       |
| 69 Ethylene Dibromide          | 107 | 17.880    | 17.880        | 0.000         | 99  | 2450698  | 10.6            | 9.98              |       |
| * 70 Chlorobenzene-d5          | 117 | 18.795    | 18.795        | 0.000         | 86  | 3850470  | 10.0            | 10.0              |       |
| 71 Chlorobenzene               | 112 | 18.849    | 18.849        | 0.000         | 95  | 3864790  | 10.5            | 9.75              |       |
| 73 Ethylbenzene                | 91  | 19.047    | 19.047        | 0.000         | 98  | 6216904  | 10.2            | 10.0              |       |
| 74 m-Xylene & p-Xylene         | 106 | 19.303    | 19.303        | 0.000         | 0   | 4898378  | 20.6            | 20.4              |       |
| 75 n-Nonane                    | 57  | 19.368    | 19.368        | 0.000         | 89  | 2890966  | 10.5            | 10.4              |       |
| 76 o-Xylene                    | 106 | 20.084    | 20.084        | 0.000         | 99  | 2325563  | 10.4            | 10.2              |       |
| S 77 Xylenes, Total            | 106 |           |               |               | 0   |          | 30.9            | 30.6              |       |
| 78 Styrene                     | 104 | 20.116    | 20.116        | 0.000         | 99  | 3745323  | 10.3            | 10.8              |       |
| 79 Bromoform                   | 173 | 20.470    | 20.470        | 0.000         | 98  | 3205028  | 10.3            | 11.1              |       |
| 80 Isopropylbenzene            | 105 | 20.780    | 20.780        | 0.000         | 96  | 7047159  | 10.4            | 10.5              |       |
| 81 1,1,2,2-Tetrachloroethane   | 83  | 21.293    | 21.293        | 0.000         | 99  | 2993423  | 10.3            | 8.42              |       |
| 82 1,2,3-Trichloropropane      | 75  | 21.395    | 21.395        | 0.000         | 98  | 2780226  | 10.6            | 9.78              |       |
| 83 N-Propylbenzene             | 91  | 21.497    | 21.497        | 0.000         | 99  | 8230383  | 10.4            | 10.4              |       |
| 84 2-Chlorotoluene             | 91  | 21.641    | 21.641        | 0.000         | 97  | 5138593  | 10.4            | 10.2              |       |
| 85 4-Ethyltoluene              | 105 | 21.695    | 21.695        | 0.000         | 98  | 6805572  | 10.3            | 10.4              |       |
| 86 1,3,5-Trimethylbenzene      | 105 | 21.791    | 21.791        | 0.000         | 94  | 5739173  | 10.4            | 10.3              |       |
| 87 n-Decane                    | 57  | 21.818    | 21.818        | 0.000         | 93  | 3648666  | 10.4            | 10.6              |       |
| 88 Alpha Methyl Styrene        | 118 | 22.117    | 22.117        | 0.000         | 90  | 2937581  | 10.2            | 10.5              |       |
| 89 tert-Butylbenzene           | 119 | 22.267    | 22.267        | 0.000         | 94  | 5793144  | 10.4            | 10.1              |       |

| Compound                   | Sig | RT (min.) | Adj RT (min.) | Dlt RT (min.) | Q  | Response | Cal Amt ppb v/v | OnCol Amt ppb v/v | Flags |
|----------------------------|-----|-----------|---------------|---------------|----|----------|-----------------|-------------------|-------|
| 90 1,2,4-Trimethylbenzene  | 105 | 22.358    | 22.358        | 0.000         | 98 | 5718996  | 10.4            | 10.3              |       |
| 91 sec-Butylbenzene        | 105 | 22.593    | 22.593        | 0.000         | 98 | 8608225  | 10.5            | 10.4              |       |
| 92 1,3-Dichlorobenzene     | 146 | 22.765    | 22.765        | 0.000         | 97 | 3809276  | 10.6            | 10.8              |       |
| 93 4-Isopropyltoluene      | 119 | 22.807    | 22.807        | 0.000         | 97 | 7287984  | 10.3            | 10.3              |       |
| 94 1,4-Dichlorobenzene     | 146 | 22.909    | 22.909        | 0.000         | 96 | 3596931  | 10.5            | 11.2              |       |
| 95 Benzyl chloride         | 91  | 23.053    | 23.053        | 0.000         | 99 | 4144291  | 10.6            | 11.3              |       |
| 96 n-Butylbenzene          | 91  | 23.364    | 23.364        | 0.000         | 98 | 6490883  | 10.4            | 10.6              |       |
| 97 1,2-Dichlorobenzene     | 146 | 23.396    | 23.396        | 0.000         | 97 | 3811439  | 10.4            | 10.3              |       |
| 98 Undecane                | 57  | 23.514    | 23.514        | 0.000         | 95 | 3860321  | 10.5            | 10.6              |       |
| 99 Dodecane                | 57  | 25.097    | 25.097        | 0.000         | 97 | 3071745  | 9.36            | 7.95              |       |
| 100 1,2,4-Trichlorobenzene | 180 | 25.835    | 25.835        | 0.000         | 92 | 2049841  | 10.9            | 9.65              |       |
| 101 Hexachlorobutadiene    | 225 | 26.081    | 26.081        | 0.000         | 97 | 3456353  | 10.3            | 9.20              |       |
| 102 Naphthalene            | 128 | 26.317    | 26.317        | 0.000         | 99 | 4162316  | 9.72            | 9.41              |       |
| 103 1,2,3-Trichlorobenzene | 180 | 26.723    | 26.723        | 0.000         | 95 | 1906288  | 9.12            | 8.11              |       |
| 112 Methylcyclohexane      | 83  |           | 0.000         |               |    |          | ND              | ND                |       |

**QC Flag Legend**

Processing Flags

ND - Not Detected or Marked ND

**Reagents:**

ATTO15CAL4w\_00753

Amount Added: 200.00

Units: mL

ATTO15WISs\_00009

Amount Added: 20.00

Units: mL

Run Reagent

Report Date: 11-Dec-2020 10:11:39

Chrom Revision: 2.3 12-Nov-2020 21:52:08

Eurofins TestAmerica, Burlington

Data File: \\chromfs\Burlington\ChromData\CHW.i\20201210-44014.b\44014-016.d

Injection Date: 11-Dec-2020 05:25:30

Instrument ID: CHW.i

Operator ID: ggg

Lims ID: icis

Worklist Smp#: 16

Client ID:

Purge Vol: 200.000 mL

Dil. Factor: 1.0000

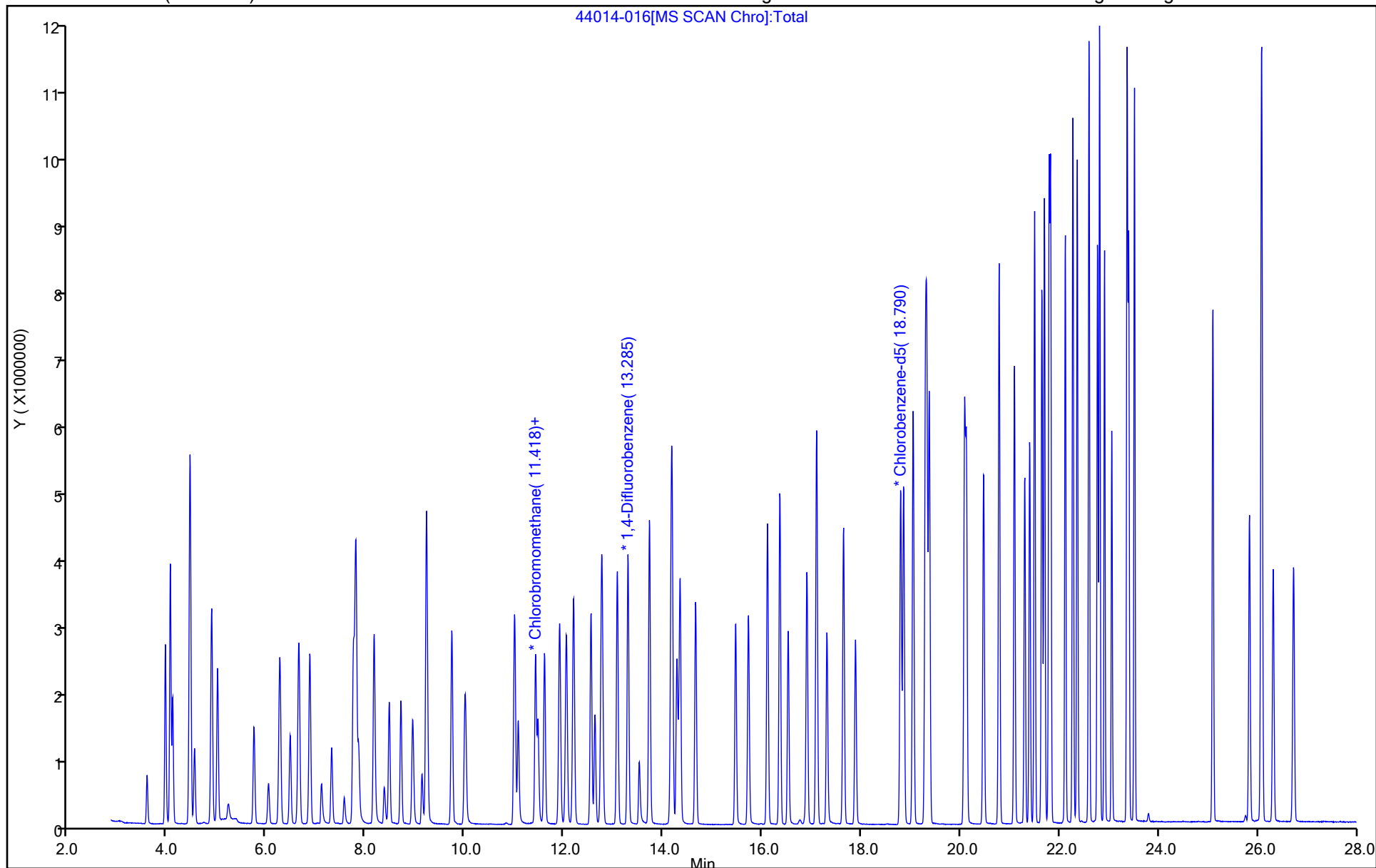
ALS Bottle#: 15

Method: TO15\_TO3\_MasterMethod\_W

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

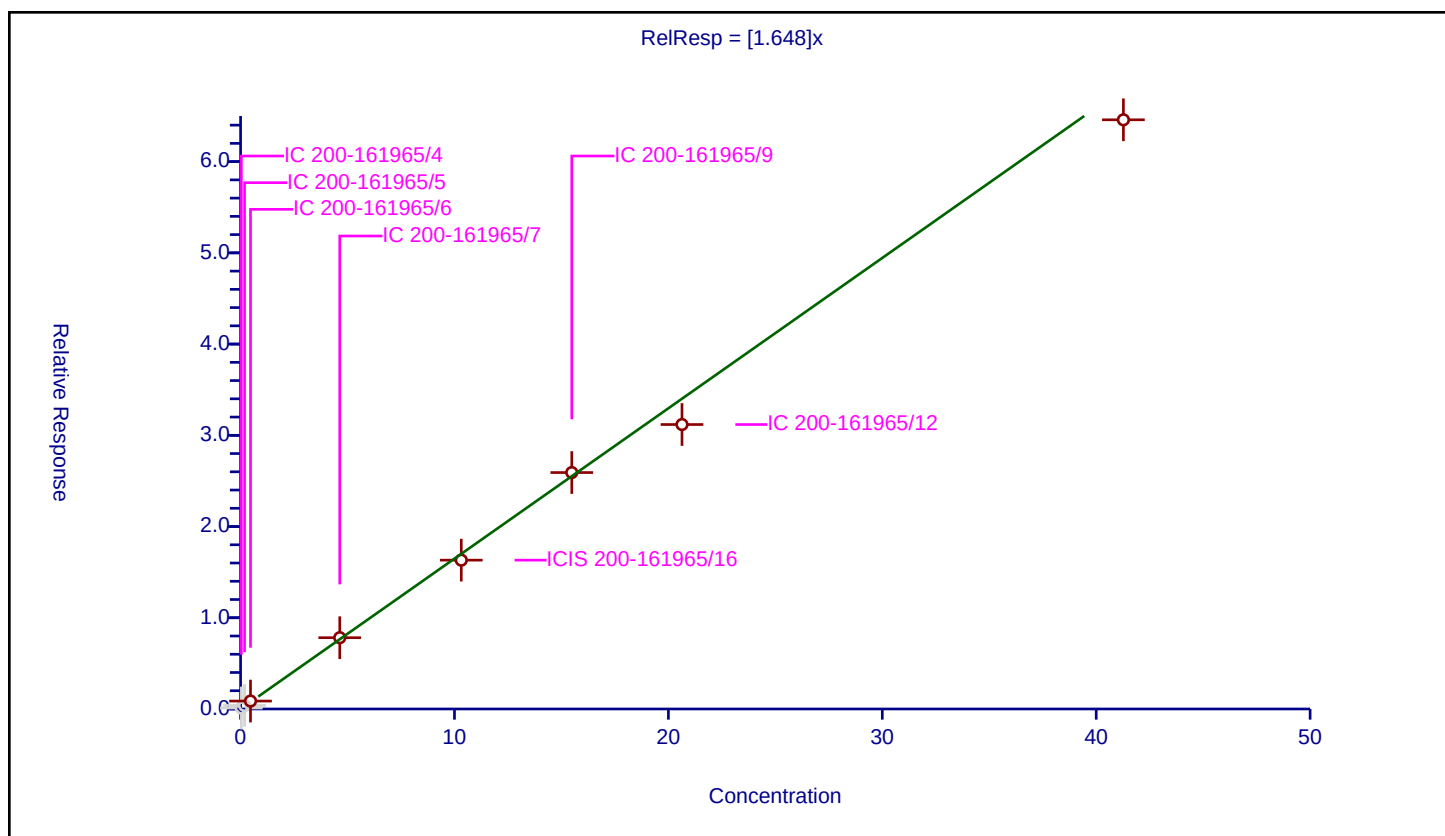
## Curve Coefficients

Intercept: 0  
Slope: 1.648

## Error Coefficients

Standard Error: 3150000  
Relative Standard Error: 7.8  
Correlation Coefficient: 0.997  
Coefficient of Determination (Adjusted): 0.993

| ID | Level              | Concentration | Rel. Resp. | IS Amount | IS Response | RRF      | Used |
|----|--------------------|---------------|------------|-----------|-------------|----------|------|
| 1  | IC 200-161965/4    | 0.036199      | 0.108588   | 10.0      | 913638.0    | 2.999714 | N    |
| 2  | IC 200-161965/5    | 0.186168      | 0.387995   | 10.0      | 854960.0    | 2.084107 | N    |
| 3  | IC 200-161965/6    | 0.46482       | 0.870154   | 10.0      | 803789.0    | 1.872022 | Y    |
| 4  | IC 200-161965/7    | 4.637092      | 7.815026   | 10.0      | 779808.0    | 1.685329 | Y    |
| 5  | ICIS 200-161965/16 | 10.317998     | 16.31425   | 10.0      | 886083.0    | 1.581145 | Y    |
| 6  | IC 200-161965/9    | 15.483671     | 25.917728  | 10.0      | 825604.0    | 1.673875 | Y    |
| 7  | IC 200-161965/12   | 20.635996     | 31.181356  | 10.0      | 862746.0    | 1.511018 | Y    |
| 8  | IC 200-161965/13   | 41.271991     | 64.584767  | 10.0      | 919545.0    | 1.564857 | Y    |



# Calibration

/ Dichlorodifluoromethane

Curve Type: Average  
Weighting: Conc\_Sq  
Origin: Force  
Dependency: Response  
Calib Mode: ISTD  
Response Base: AREA  
RF Rounding: 0

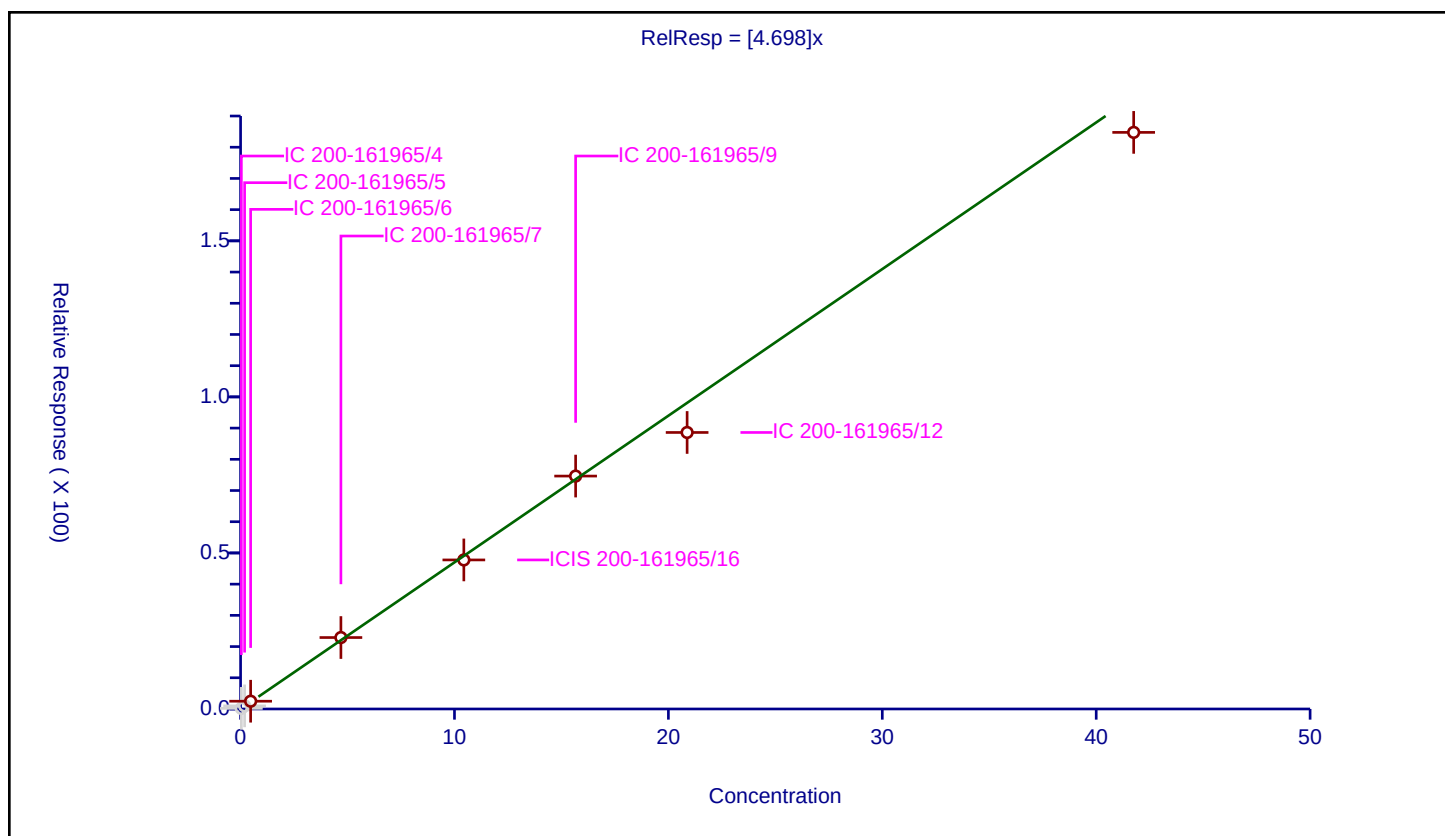
## Curve Coefficients

Intercept: 0  
Slope: 4.698

## Error Coefficients

Standard Error: 9010000  
Relative Standard Error: 7.9  
Correlation Coefficient: 0.997  
Coefficient of Determination (Adjusted): 0.993

| ID | Level              | Concentration | Rel. Resp. | IS Amount | IS Response | RRF      | Used |
|----|--------------------|---------------|------------|-----------|-------------|----------|------|
| 1  | IC 200-161965/4    | 0.03662       | 0.198711   | 10.0      | 913638.0    | 5.426251 | N    |
| 2  | IC 200-161965/5    | 0.188333      | 0.99931    | 10.0      | 854960.0    | 5.306077 | N    |
| 3  | IC 200-161965/6    | 0.470225      | 2.492706   | 10.0      | 803789.0    | 5.30109  | Y    |
| 4  | IC 200-161965/7    | 4.691012      | 22.89193   | 10.0      | 779808.0    | 4.879955 | Y    |
| 5  | ICIS 200-161965/16 | 10.437975     | 47.761327  | 10.0      | 886083.0    | 4.575728 | Y    |
| 6  | IC 200-161965/9    | 15.663713     | 74.629568  | 10.0      | 825604.0    | 4.764488 | Y    |
| 7  | IC 200-161965/12   | 20.875949     | 88.60412   | 10.0      | 862746.0    | 4.244316 | Y    |
| 8  | IC 200-161965/13   | 41.751898     | 184.756418 | 10.0      | 919545.0    | 4.425102 | Y    |





# Calibration

/ Chlorodifluoromethane

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

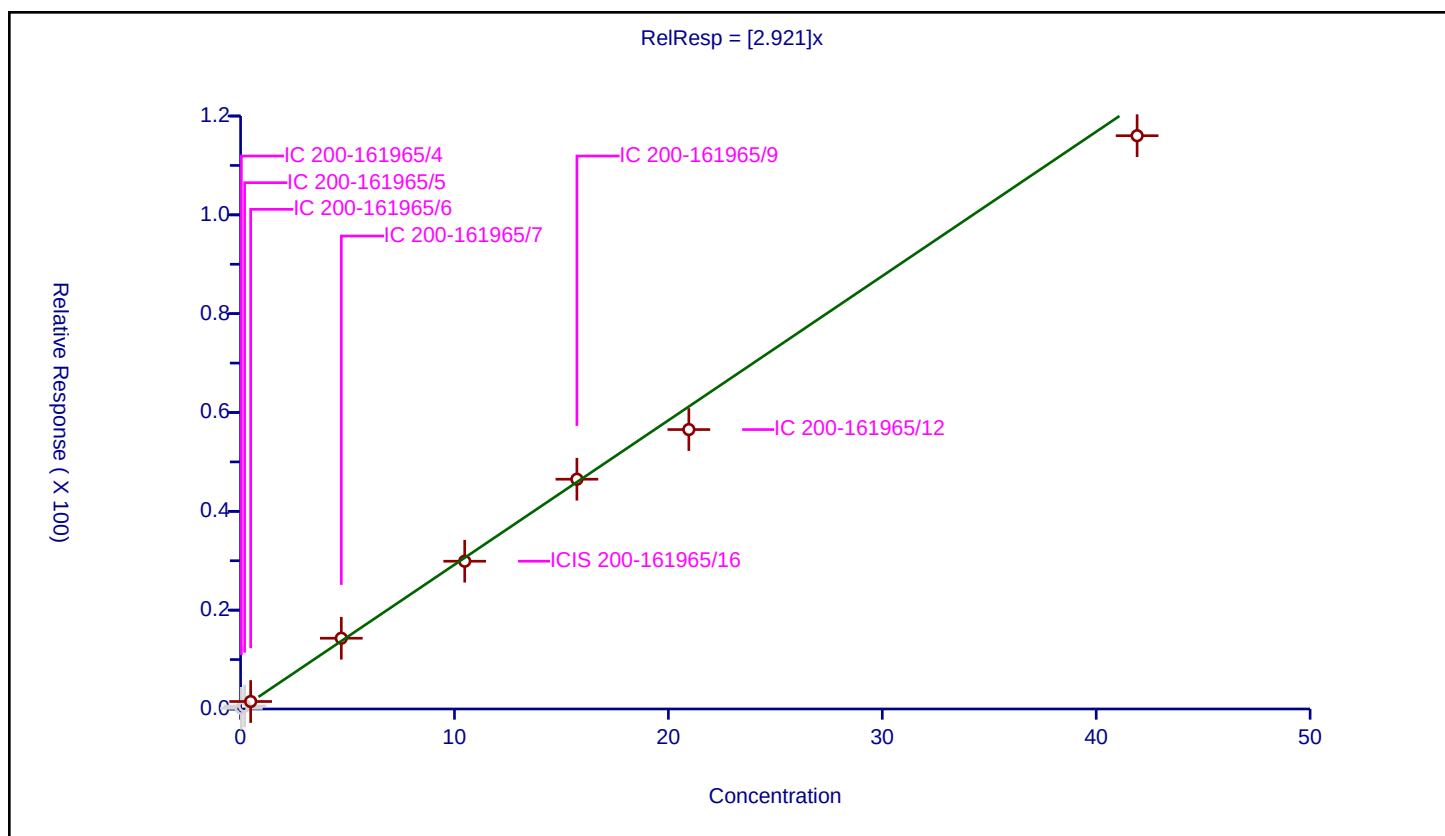
## Curve Coefficients

Intercept: 0  
 Slope: 2.921

## Error Coefficients

Standard Error: 5670000  
 Relative Standard Error: 6.4  
 Correlation Coefficient: 0.998  
 Coefficient of Determination (Adjusted): 0.995

| ID | Level              | Concentration | Rel. Resp. | IS Amount | IS Response | RRF      | Used |
|----|--------------------|---------------|------------|-----------|-------------|----------|------|
| 1  | IC 200-161965/4    | 0.036761      | 0.137319   | 10.0      | 913638.0    | 3.735495 | N    |
| 2  | IC 200-161965/5    | 0.189055      | 0.6048     | 10.0      | 854960.0    | 3.199075 | N    |
| 3  | IC 200-161965/6    | 0.472027      | 1.513233   | 10.0      | 803789.0    | 3.205819 | Y    |
| 4  | IC 200-161965/7    | 4.708985      | 14.317588  | 10.0      | 779808.0    | 3.040483 | Y    |
| 5  | ICIS 200-161965/16 | 10.477967     | 29.902774  | 10.0      | 886083.0    | 2.853872 | Y    |
| 6  | IC 200-161965/9    | 15.723728     | 46.498951  | 10.0      | 825604.0    | 2.957247 | Y    |
| 7  | IC 200-161965/12   | 20.955934     | 56.547002  | 10.0      | 862746.0    | 2.698377 | Y    |
| 8  | IC 200-161965/13   | 41.911867     | 116.0174   | 10.0      | 919545.0    | 2.768128 | 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

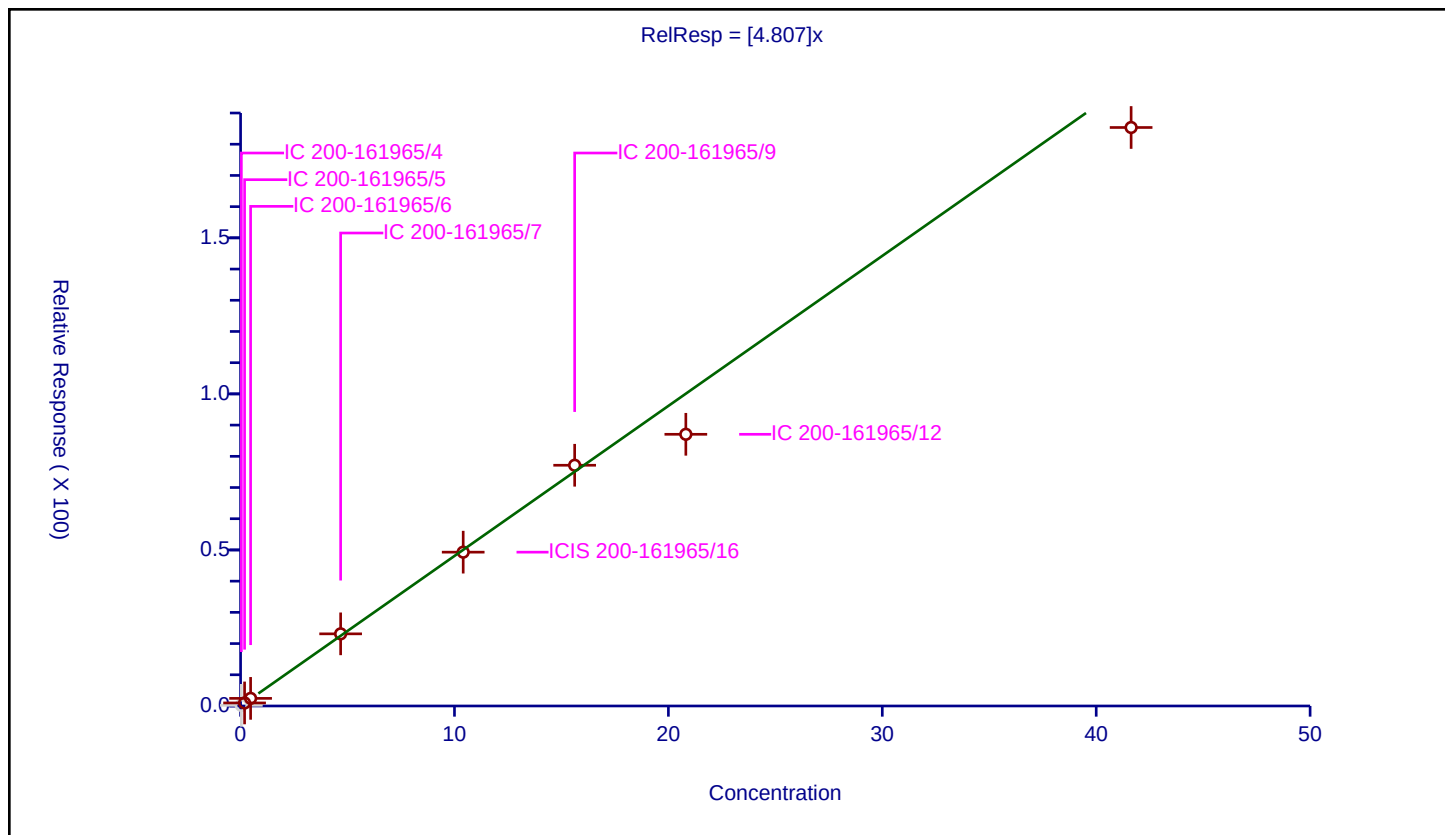
## Curve Coefficients

Intercept: 0  
 Slope: 4.807

## Error Coefficients

Standard Error: 8260000  
 Relative Standard Error: 7.9  
 Correlation Coefficient: 0.996  
 Coefficient of Determination (Adjusted): 0.992

| ID | Level              | Concentration | Rel. Resp. | IS Amount | IS Response | RRF      | Used |
|----|--------------------|---------------|------------|-----------|-------------|----------|------|
| 1  | IC 200-161965/4    | 0.036515      | 0.207413   | 10.0      | 913638.0    | 5.680187 | N    |
| 2  | IC 200-161965/5    | 0.187792      | 0.975859   | 10.0      | 854960.0    | 5.196488 | Y    |
| 3  | IC 200-161965/6    | 0.468874      | 2.439894   | 10.0      | 803789.0    | 5.20373  | Y    |
| 4  | IC 200-161965/7    | 4.677532      | 23.119204  | 10.0      | 779808.0    | 4.942607 | Y    |
| 5  | ICIS 200-161965/16 | 10.40798      | 49.290484  | 10.0      | 886083.0    | 4.735836 | Y    |
| 6  | IC 200-161965/9    | 15.618703     | 77.138798  | 10.0      | 825604.0    | 4.938874 | Y    |
| 7  | IC 200-161965/12   | 20.815961     | 87.056376  | 10.0      | 862746.0    | 4.182194 | Y    |
| 8  | IC 200-161965/13   | 41.631921     | 185.359227 | 10.0      | 919545.0    | 4.452334 | Y    |



# Calibration

/ Chloromethane

Curve Type: Average  
Weighting: Conc\_Sq  
Origin: Force  
Dependency: Response  
Calib Mode: ISTD  
Response Base: AREA  
RF Rounding: 0

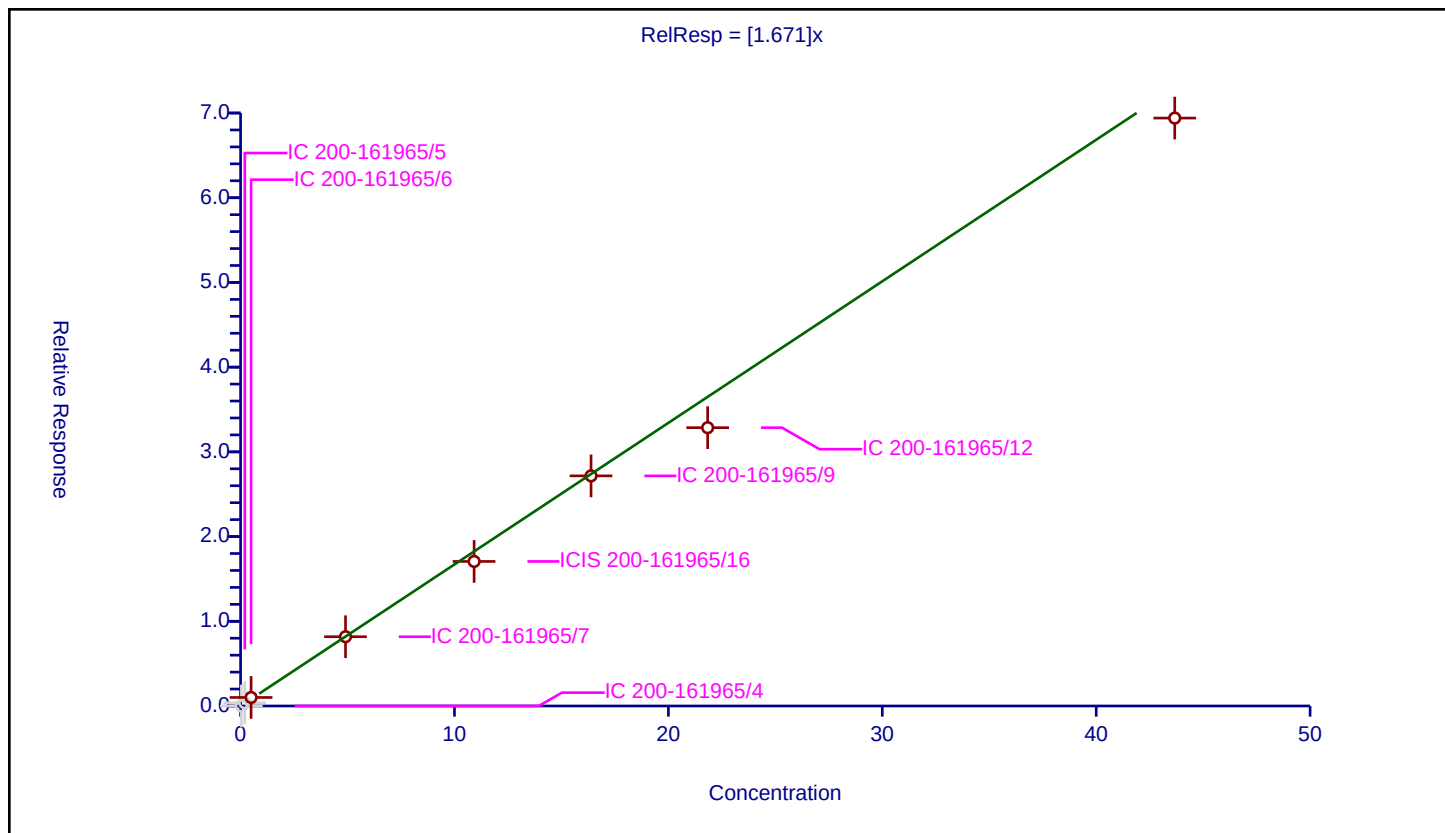
## Curve Coefficients

Intercept: 0  
Slope: 1.671

## Error Coefficients

Standard Error: 3360000  
Relative Standard Error: 11.6  
Correlation Coefficient: 0.996  
Coefficient of Determination (Adjusted): 0.984

| ID | Level              | Concentration | Rel. Resp. | IS Amount | IS Response | RRF      | Used |
|----|--------------------|---------------|------------|-----------|-------------|----------|------|
| 1  | IC 200-161965/4    | 0.038304      | 0.004301   | 10.0      | 913638.0    | 0.112299 | N    |
| 2  | IC 200-161965/5    | 0.196992      | 0.380369   | 10.0      | 854960.0    | 1.930883 | N    |
| 3  | IC 200-161965/6    | 0.491845      | 1.005973   | 10.0      | 803789.0    | 2.045306 | Y    |
| 4  | IC 200-161965/7    | 4.906691      | 8.178077   | 10.0      | 779808.0    | 1.666719 | Y    |
| 5  | ICIS 200-161965/16 | 10.917881     | 17.062171  | 10.0      | 886083.0    | 1.562773 | Y    |
| 6  | IC 200-161965/9    | 16.383884     | 27.164609  | 10.0      | 825604.0    | 1.658008 | Y    |
| 7  | IC 200-161965/12   | 21.835763     | 32.855081  | 10.0      | 862746.0    | 1.504645 | Y    |
| 8  | IC 200-161965/13   | 43.671526     | 69.402531  | 10.0      | 919545.0    | 1.589194 | Y    |



## Calibration

/ Vinyl chloride

Curve Type: Average  
Weighting: Conc\_Sq  
Origin: Force  
Dependency: Response  
Calib Mode: ISTD  
Response Base: AREA  
RF Rounding: 0

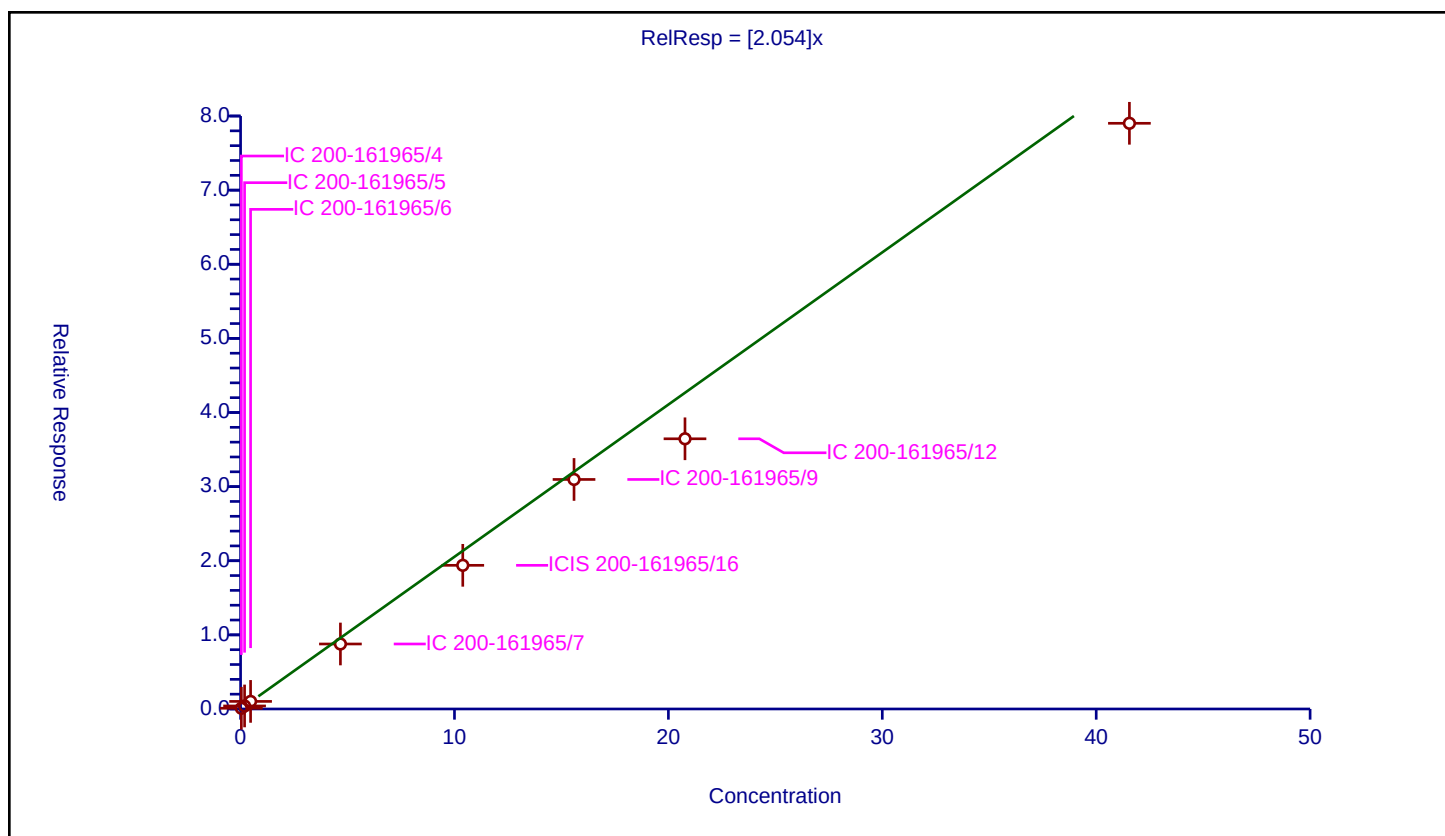
## Curve Coefficients

Intercept: 0  
Slope: 2.054

## Error Coefficients

Standard Error: 3220000  
Relative Standard Error: 14.2  
Correlation Coefficient: 0.996  
Coefficient of Determination (Adjusted): 0.975

| ID | Level              | Concentration | Rel. Resp. | IS Amount | IS Response | RRF      | Used |
|----|--------------------|---------------|------------|-----------|-------------|----------|------|
| 1  | IC 200-161965/4    | 0.036445      | 0.097238   | 10.0      | 913638.0    | 2.668069 | Y    |
| 2  | IC 200-161965/5    | 0.187431      | 0.409551   | 10.0      | 854960.0    | 2.185076 | Y    |
| 3  | IC 200-161965/6    | 0.467973      | 1.023975   | 10.0      | 803789.0    | 2.188106 | Y    |
| 4  | IC 200-161965/7    | 4.668546      | 8.769094   | 10.0      | 779808.0    | 1.878335 | Y    |
| 5  | ICIS 200-161965/16 | 10.387984     | 19.382496  | 10.0      | 886083.0    | 1.865857 | Y    |
| 6  | IC 200-161965/9    | 15.588696     | 30.966456  | 10.0      | 825604.0    | 1.986469 | Y    |
| 7  | IC 200-161965/12   | 20.775968     | 36.453058  | 10.0      | 862746.0    | 1.754578 | Y    |
| 8  | IC 200-161965/13   | 41.551937     | 79.016938  | 10.0      | 919545.0    | 1.901643 | Y    |



## Calibration

/ Butane

Curve Type: Average  
Weighting: Conc\_Sq  
Origin: Force  
Dependency: Response  
Calib Mode: ISTD  
Response Base: AREA  
RF Rounding: 0

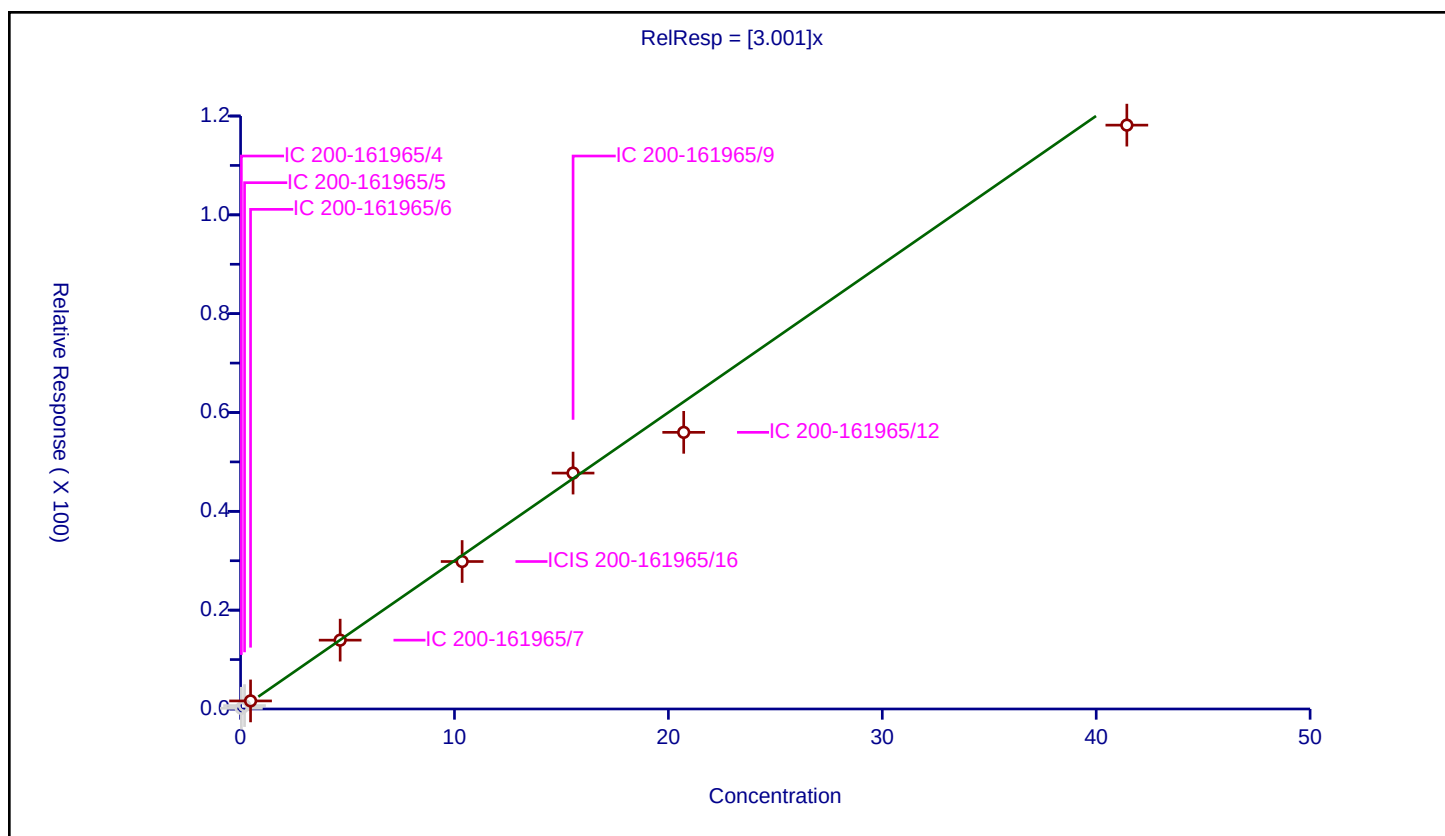
## Curve Coefficients

Intercept: 0  
Slope: 3.001

## Error Coefficients

Standard Error: 5750000  
Relative Standard Error: 9.2  
Correlation Coefficient: 0.996  
Coefficient of Determination (Adjusted): 0.990

| ID | Level              | Concentration | Rel. Resp. | IS Amount | IS Response | RRF      | Used |
|----|--------------------|---------------|------------|-----------|-------------|----------|------|
| 1  | IC 200-161965/4    | 0.03634       | 0.147214   | 10.0      | 913638.0    | 4.051041 | N    |
| 2  | IC 200-161965/5    | 0.18689       | 0.687506   | 10.0      | 854960.0    | 3.678667 | N    |
| 3  | IC 200-161965/6    | 0.466622      | 1.635093   | 10.0      | 803789.0    | 3.504107 | Y    |
| 4  | IC 200-161965/7    | 4.655066      | 13.931545  | 10.0      | 779808.0    | 2.992771 | Y    |
| 5  | ICIS 200-161965/16 | 10.35799      | 29.845376  | 10.0      | 886083.0    | 2.881387 | Y    |
| 6  | IC 200-161965/9    | 15.543685     | 47.741665  | 10.0      | 825604.0    | 3.071451 | Y    |
| 7  | IC 200-161965/12   | 20.71598      | 55.983627  | 10.0      | 862746.0    | 2.702437 | Y    |
| 8  | IC 200-161965/13   | 41.43196      | 118.154674 | 10.0      | 919545.0    | 2.851776 | Y    |



# Calibration

/ Butadiene

Curve Type: Average  
Weighting: Conc\_Sq  
Origin: Force  
Dependency: Response  
Calib Mode: ISTD  
Response Base: AREA  
RF Rounding: 0

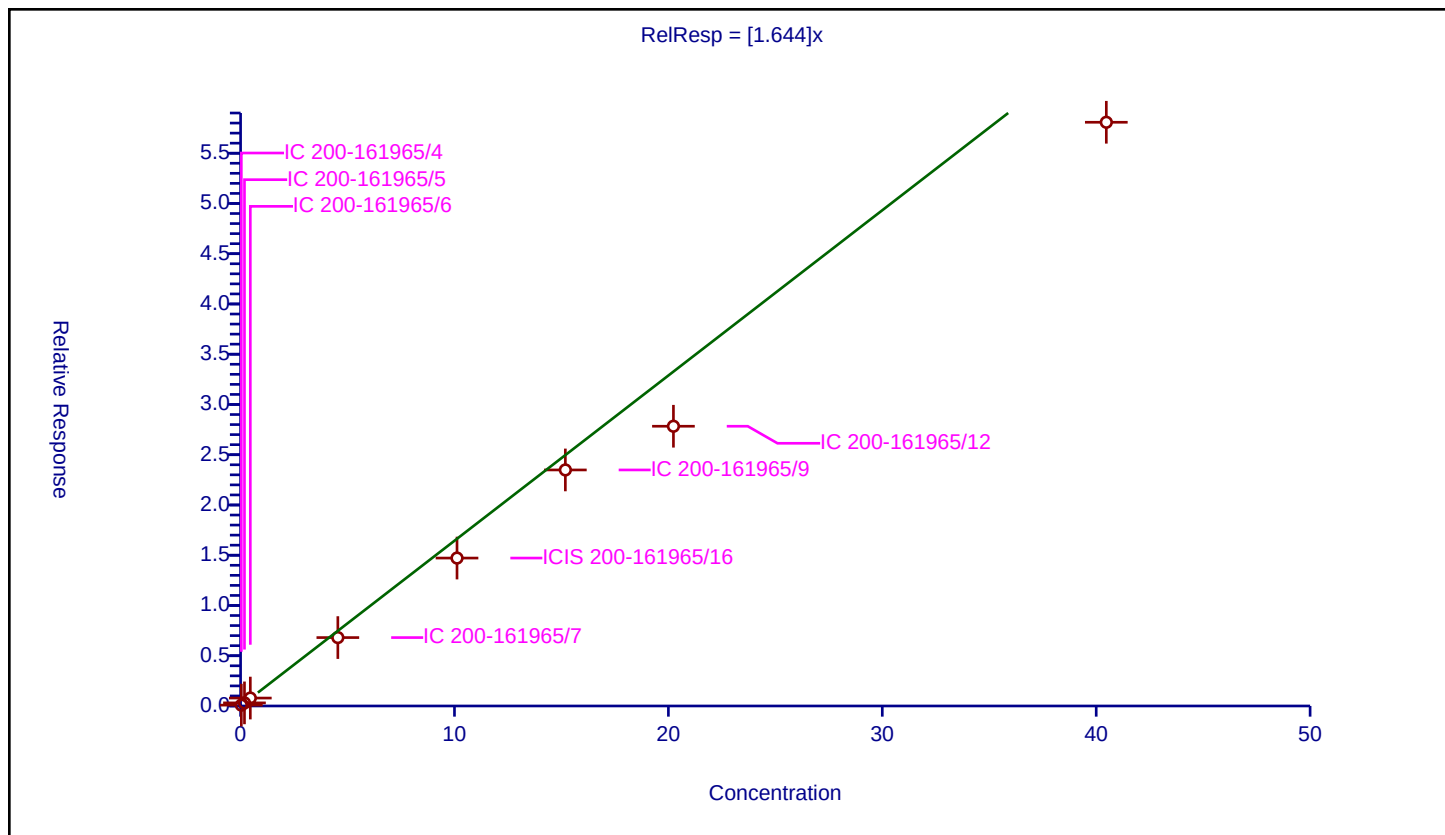
## Curve Coefficients

Intercept: 0  
Slope: 1.644

## Error Coefficients

Standard Error: 2390000  
Relative Standard Error: 20.7  
Correlation Coefficient: 0.998  
Coefficient of Determination (Adjusted): 0.943

| ID | Level              | Concentration | Rel. Resp. | IS Amount | IS Response | RRF      | Used |
|----|--------------------|---------------|------------|-----------|-------------|----------|------|
| 1  | IC 200-161965/4    | 0.035498      | 0.086216   | 10.0      | 913638.0    | 2.428759 | Y    |
| 2  | IC 200-161965/5    | 0.18256       | 0.307909   | 10.0      | 854960.0    | 1.686615 | Y    |
| 3  | IC 200-161965/6    | 0.455812      | 0.788155   | 10.0      | 803789.0    | 1.729121 | Y    |
| 4  | IC 200-161965/7    | 4.547226      | 6.806457   | 10.0      | 779808.0    | 1.496837 | Y    |
| 5  | ICIS 200-161965/16 | 10.118037     | 14.717899  | 10.0      | 886083.0    | 1.45462  | Y    |
| 6  | IC 200-161965/9    | 15.1836       | 23.485896  | 10.0      | 825604.0    | 1.546794 | Y    |
| 7  | IC 200-161965/12   | 20.236073     | 27.833627  | 10.0      | 862746.0    | 1.375446 | Y    |
| 8  | IC 200-161965/13   | 40.472146     | 58.078996  | 10.0      | 919545.0    | 1.435036 | Y    |



# Calibration

/ Bromomethane

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

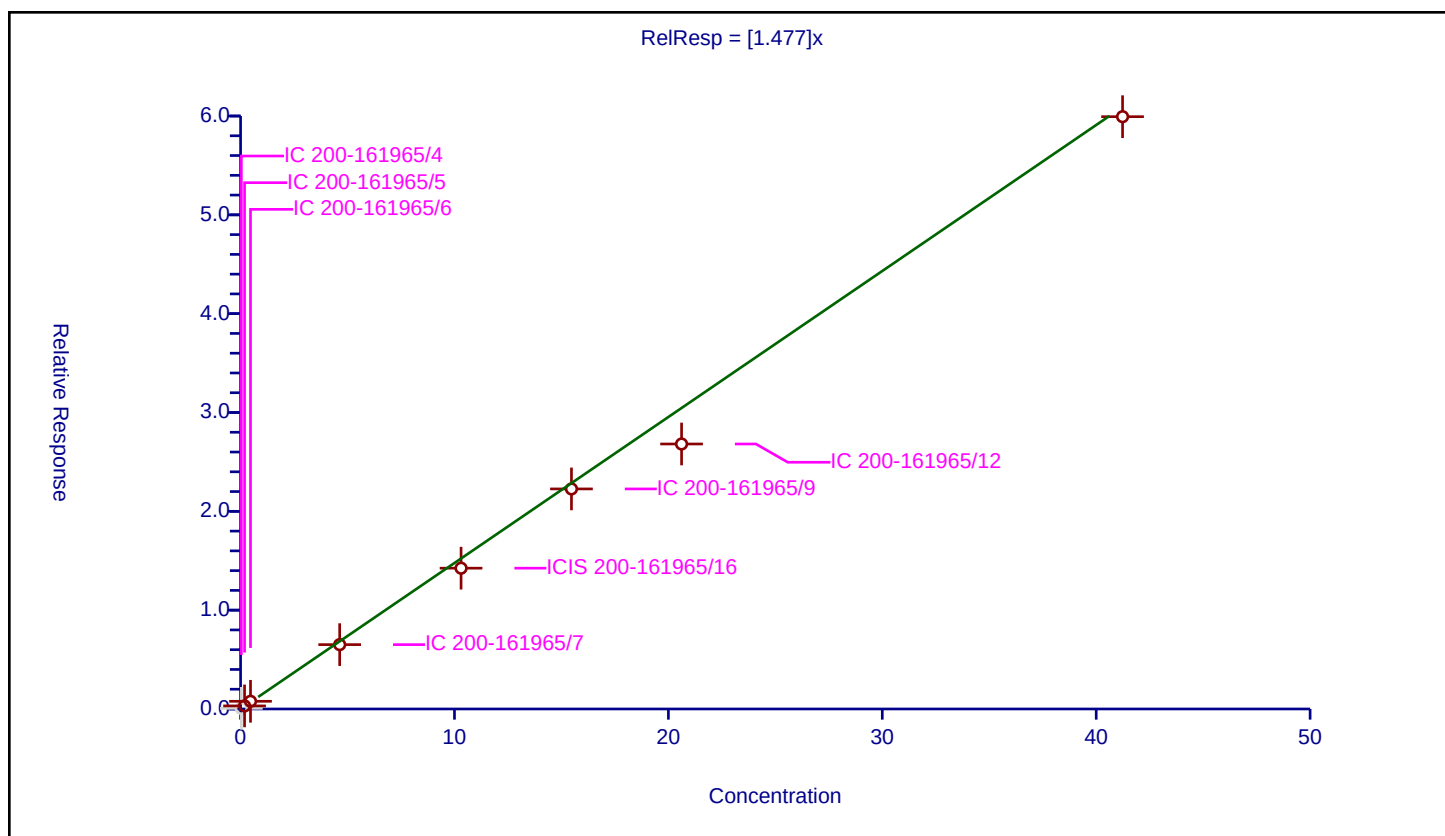
## Curve Coefficients

Intercept: 0  
 Slope: 1.477

## Error Coefficients

Standard Error: 2610000  
 Relative Standard Error: 9.9  
 Correlation Coefficient: 0.993  
 Coefficient of Determination (Adjusted): 0.987

| ID | Level              | Concentration | Rel. Resp. | IS Amount | IS Response | RRF      | Used |
|----|--------------------|---------------|------------|-----------|-------------|----------|------|
| 1  | IC 200-161965/4    | 0.036164      | 0.06507    | 10.0      | 913638.0    | 1.799274 | N    |
| 2  | IC 200-161965/5    | 0.185988      | 0.312529   | 10.0      | 854960.0    | 1.680373 | Y    |
| 3  | IC 200-161965/6    | 0.46437       | 0.779558   | 10.0      | 803789.0    | 1.678743 | Y    |
| 4  | IC 200-161965/7    | 4.632599      | 6.512898   | 10.0      | 779808.0    | 1.405884 | Y    |
| 5  | ICIS 200-161965/16 | 10.308        | 14.248123  | 10.0      | 886083.0    | 1.382239 | Y    |
| 6  | IC 200-161965/9    | 15.468667     | 22.26668   | 10.0      | 825604.0    | 1.43947  | Y    |
| 7  | IC 200-161965/12   | 20.615999     | 26.812793  | 10.0      | 862746.0    | 1.300582 | Y    |
| 8  | IC 200-161965/13   | 41.231999     | 59.932934  | 10.0      | 919545.0    | 1.453554 | Y    |



## Calibration

/ Chloroethane

Curve Type: Average  
Weighting: Conc\_Sq  
Origin: Force  
Dependency: Response  
Calib Mode: ISTD  
Response Base: AREA  
RF Rounding: 0

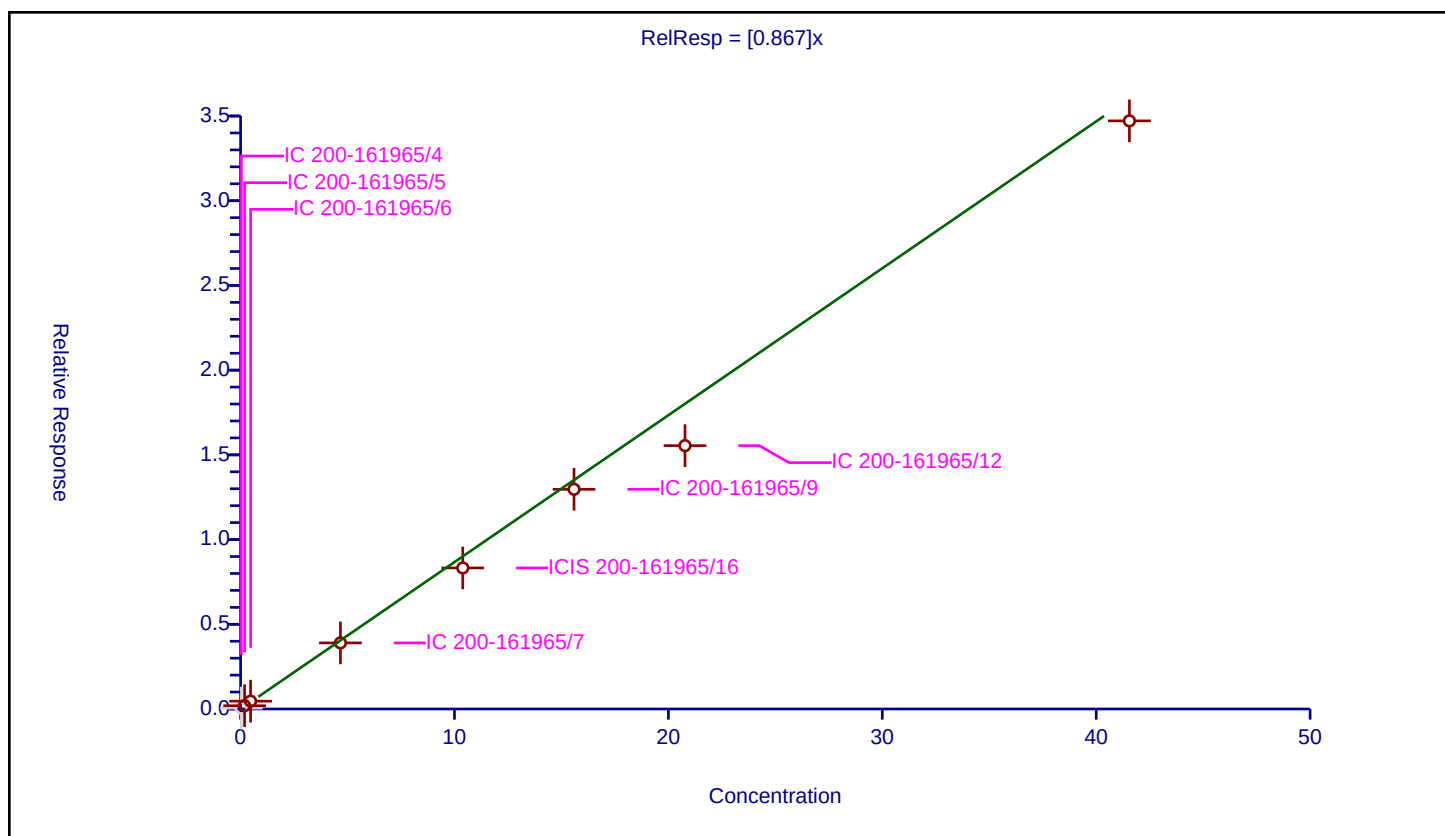
## Curve Coefficients

Intercept: 0  
Slope: 0.867

## Error Coefficients

Standard Error: 1520000  
Relative Standard Error: 11.8  
Correlation Coefficient: 0.993  
Coefficient of Determination (Adjusted): 0.982

| ID | Level              | Concentration | Rel. Resp. | IS Amount | IS Response | RRF      | Used |
|----|--------------------|---------------|------------|-----------|-------------|----------|------|
| 1  | IC 200-161965/4    | 0.036445      | 0.050753   | 10.0      | 913638.0    | 1.392598 | N    |
| 2  | IC 200-161965/5    | 0.187431      | 0.192875   | 10.0      | 854960.0    | 1.029042 | Y    |
| 3  | IC 200-161965/6    | 0.467973      | 0.462049   | 10.0      | 803789.0    | 0.987341 | Y    |
| 4  | IC 200-161965/7    | 4.668546      | 3.901884   | 10.0      | 779808.0    | 0.835781 | Y    |
| 5  | ICIS 200-161965/16 | 10.387984     | 8.326026   | 10.0      | 886083.0    | 0.801505 | Y    |
| 6  | IC 200-161965/9    | 15.588696     | 12.967706  | 10.0      | 825604.0    | 0.831866 | Y    |
| 7  | IC 200-161965/12   | 20.775968     | 15.544552  | 10.0      | 862746.0    | 0.748199 | Y    |
| 8  | IC 200-161965/13   | 41.551937     | 34.713277  | 10.0      | 919545.0    | 0.835419 | Y    |





## Calibration

/ 2-Methylbutane

Curve Type: Average  
Weighting: Conc\_Sq  
Origin: Force  
Dependency: Response  
Calib Mode: ISTD  
Response Base: AREA  
RF Rounding: 0

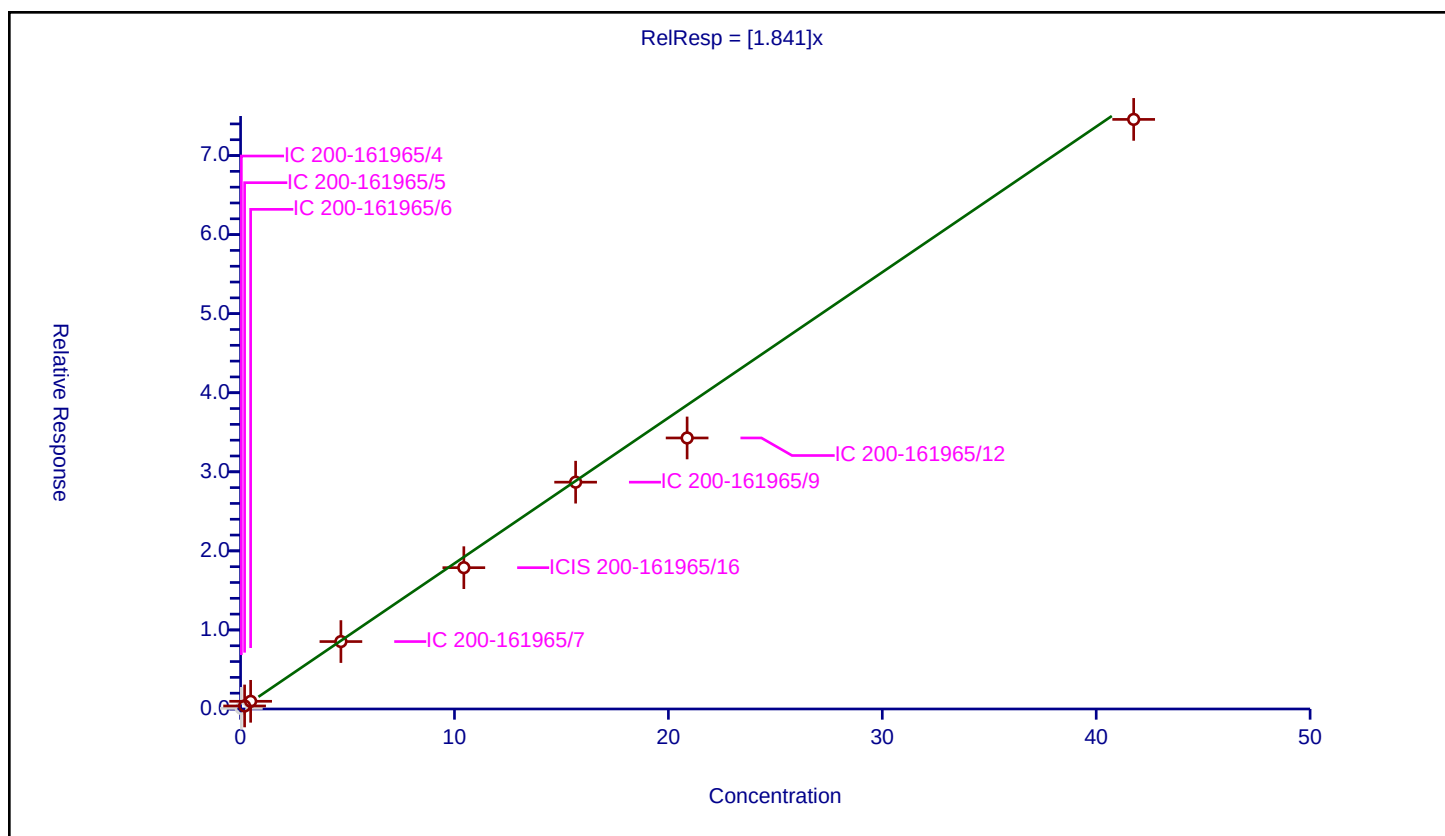
## Curve Coefficients

Intercept: 0  
Slope: 1.841

## Error Coefficients

Standard Error: 3270000  
Relative Standard Error: 8.5  
Correlation Coefficient: 0.995  
Coefficient of Determination (Adjusted): 0.991

| ID | Level              | Concentration | Rel. Resp. | IS Amount | IS Response | RRF      | Used |
|----|--------------------|---------------|------------|-----------|-------------|----------|------|
| 1  | IC 200-161965/4    | 0.03662       | 0.079211   | 10.0      | 913638.0    | 2.163028 | N    |
| 2  | IC 200-161965/5    | 0.188333      | 0.383035   | 10.0      | 854960.0    | 2.033819 | Y    |
| 3  | IC 200-161965/6    | 0.470225      | 0.971362   | 10.0      | 803789.0    | 2.065737 | Y    |
| 4  | IC 200-161965/7    | 4.691012      | 8.528702   | 10.0      | 779808.0    | 1.818094 | Y    |
| 5  | ICIS 200-161965/16 | 10.437975     | 17.875729  | 10.0      | 886083.0    | 1.712567 | Y    |
| 6  | IC 200-161965/9    | 15.663713     | 28.688318  | 10.0      | 825604.0    | 1.831514 | Y    |
| 7  | IC 200-161965/12   | 20.875949     | 34.278188  | 10.0      | 862746.0    | 1.641994 | Y    |
| 8  | IC 200-161965/13   | 41.751898     | 74.572903  | 10.0      | 919545.0    | 1.786096 | Y    |



# Calibration

/ Vinyl bromide

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

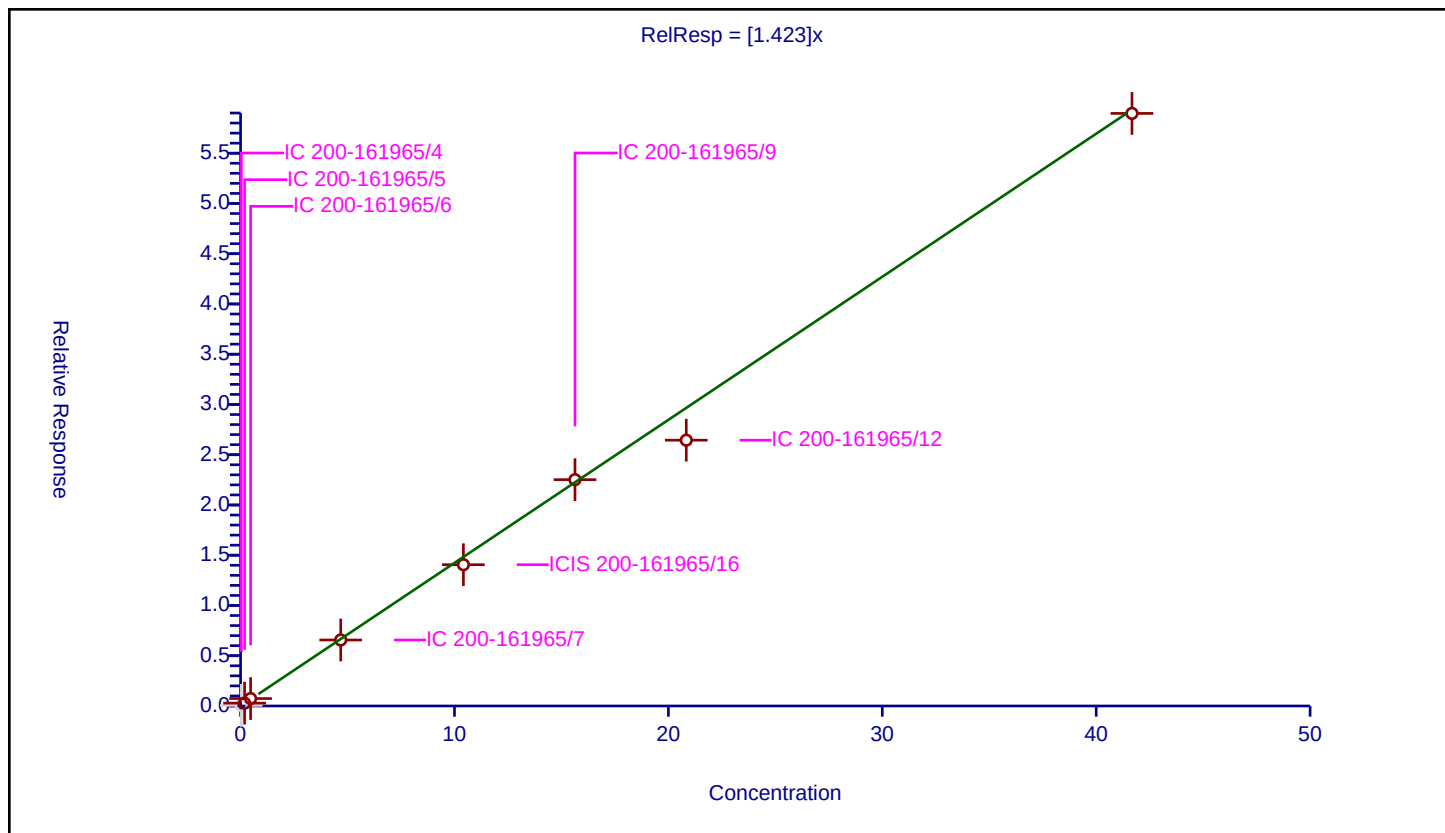
## Curve Coefficients

Intercept: 0  
 Slope: 1.423

## Error Coefficients

Standard Error: 2580000  
 Relative Standard Error: 7.1  
 Correlation Coefficient: 0.994  
 Coefficient of Determination (Adjusted): 0.994

| ID | Level              | Concentration | Rel. Resp. | IS Amount | IS Response | RRF      | Used |
|----|--------------------|---------------|------------|-----------|-------------|----------|------|
| 1  | IC 200-161965/4    | 0.03655       | 0.061129   | 10.0      | 913638.0    | 1.672475 | N    |
| 2  | IC 200-161965/5    | 0.187972      | 0.284013   | 10.0      | 854960.0    | 1.510931 | Y    |
| 3  | IC 200-161965/6    | 0.469324      | 0.740095   | 10.0      | 803789.0    | 1.576936 | Y    |
| 4  | IC 200-161965/7    | 4.682025      | 6.566873   | 10.0      | 779808.0    | 1.402571 | Y    |
| 5  | ICIS 200-161965/16 | 10.417978     | 14.057182  | 10.0      | 886083.0    | 1.34932  | Y    |
| 6  | IC 200-161965/9    | 15.633706     | 22.520446  | 10.0      | 825604.0    | 1.440506 | Y    |
| 7  | IC 200-161965/12   | 20.835957     | 26.446671  | 10.0      | 862746.0    | 1.26928  | Y    |
| 8  | IC 200-161965/13   | 41.671914     | 58.960964  | 10.0      | 919545.0    | 1.414885 | Y    |



## Calibration

/ Trichlorofluoromethane

Curve Type: Average  
Weighting: Conc\_Sq  
Origin: Force  
Dependency: Response  
Calib Mode: ISTD  
Response Base: AREA  
RF Rounding: 0

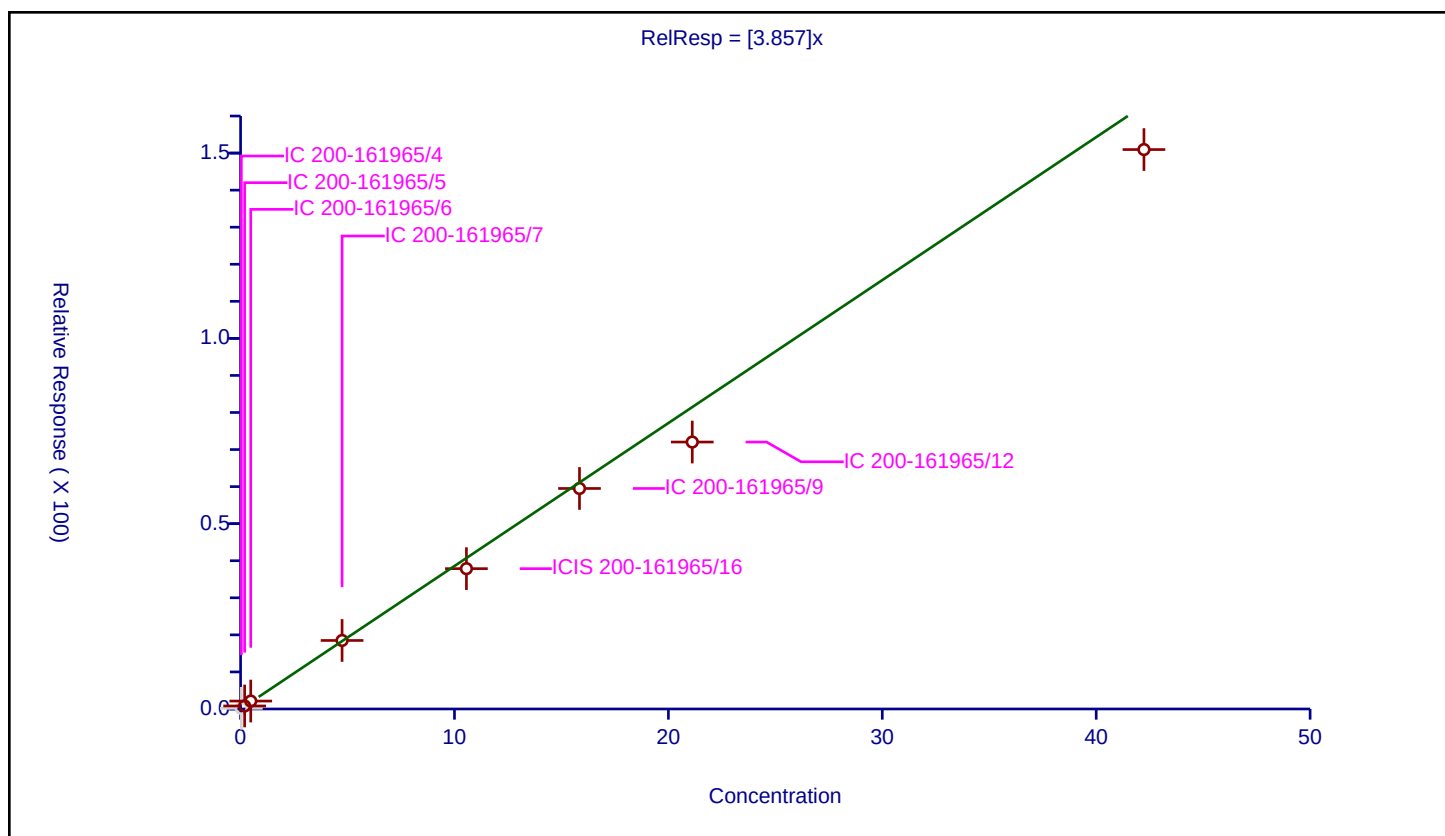
## Curve Coefficients

Intercept: 0  
Slope: 3.857

## Error Coefficients

Standard Error: 6690000  
Relative Standard Error: 10.3  
Correlation Coefficient: 0.997  
Coefficient of Determination (Adjusted): 0.986

| ID | Level              | Concentration | Rel. Resp. | IS Amount | IS Response | RRF      | Used |
|----|--------------------|---------------|------------|-----------|-------------|----------|------|
| 1  | IC 200-161965/4    | 0.037041      | 0.17461    | 10.0      | 913638.0    | 4.713924 | N    |
| 2  | IC 200-161965/5    | 0.190498      | 0.816015   | 10.0      | 854960.0    | 4.28359  | Y    |
| 3  | IC 200-161965/6    | 0.47563       | 2.137812   | 10.0      | 803789.0    | 4.494695 | Y    |
| 4  | IC 200-161965/7    | 4.744932      | 18.4885    | 10.0      | 779808.0    | 3.896473 | Y    |
| 5  | ICIS 200-161965/16 | 10.557951     | 37.86397   | 10.0      | 886083.0    | 3.586299 | Y    |
| 6  | IC 200-161965/9    | 15.843756     | 59.502449  | 10.0      | 825604.0    | 3.755577 | Y    |
| 7  | IC 200-161965/12   | 21.115902     | 72.032244  | 10.0      | 862746.0    | 3.411279 | Y    |
| 8  | IC 200-161965/13   | 42.231805     | 150.945881 | 10.0      | 919545.0    | 3.574223 | Y    |



## Calibration

/ Pentane

Curve Type: Average  
Weighting: Conc\_Sq  
Origin: Force  
Dependency: Response  
Calib Mode: ISTD  
Response Base: AREA  
RF Rounding: 0

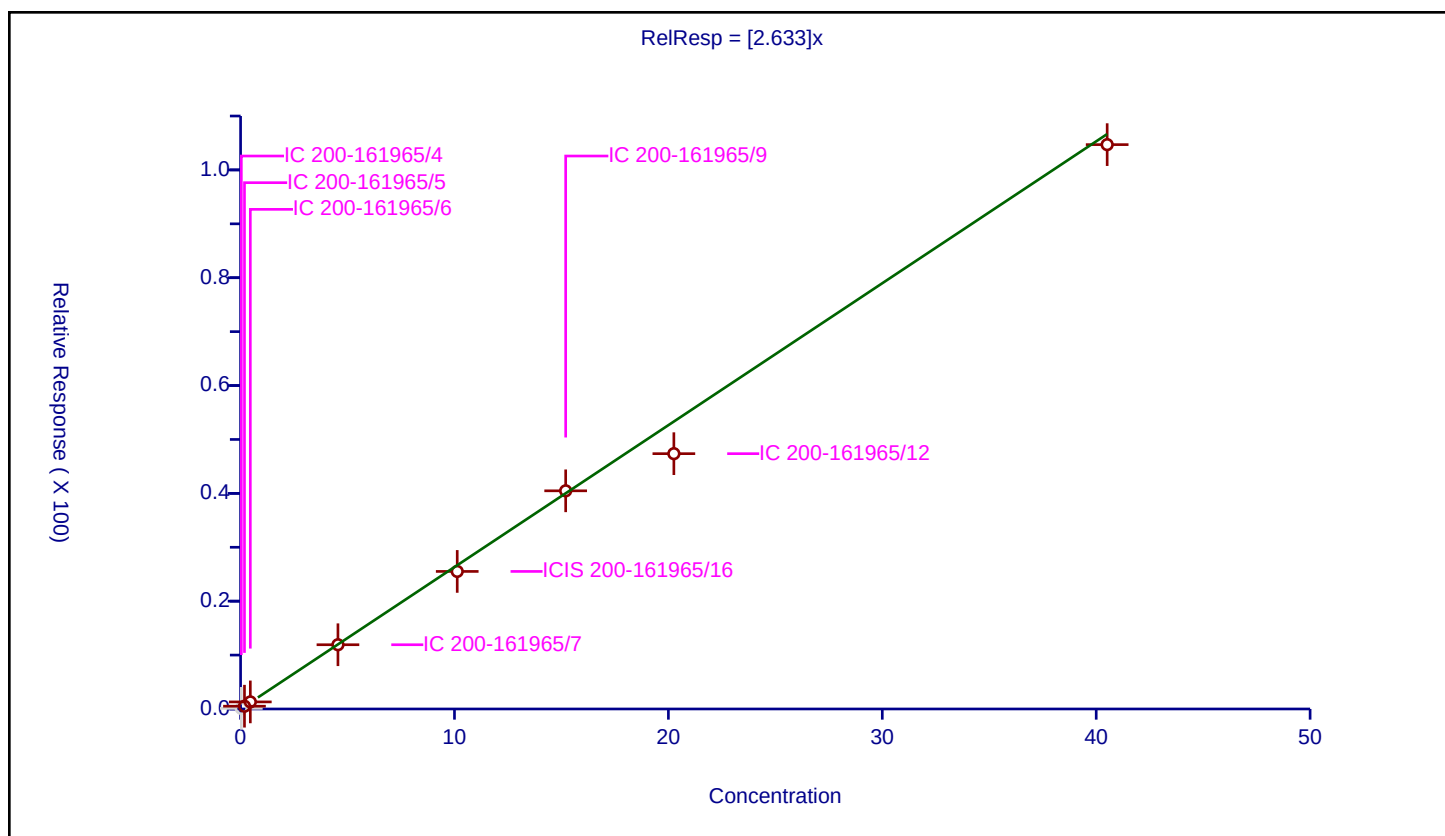
## Curve Coefficients

Intercept: 0  
Slope: 2.633

## Error Coefficients

Standard Error: 4590000  
Relative Standard Error: 6.9  
Correlation Coefficient: 0.994  
Coefficient of Determination (Adjusted): 0.994

| ID | Level              | Concentration | Rel. Resp. | IS Amount | IS Response | RRF      | Used |
|----|--------------------|---------------|------------|-----------|-------------|----------|------|
| 1  | IC 200-161965/4    | 0.035533      | 0.114301   | 10.0      | 913638.0    | 3.21677  | N    |
| 2  | IC 200-161965/5    | 0.182741      | 0.5171     | 10.0      | 854960.0    | 2.829692 | Y    |
| 3  | IC 200-161965/6    | 0.456263      | 1.3117     | 10.0      | 803789.0    | 2.874879 | Y    |
| 4  | IC 200-161965/7    | 4.55172       | 11.918947  | 10.0      | 779808.0    | 2.618559 | Y    |
| 5  | ICIS 200-161965/16 | 10.128035     | 25.519957  | 10.0      | 886083.0    | 2.519734 | Y    |
| 6  | IC 200-161965/9    | 15.198603     | 40.47071   | 10.0      | 825604.0    | 2.662791 | Y    |
| 7  | IC 200-161965/12   | 20.256069     | 47.36219   | 10.0      | 862746.0    | 2.338173 | Y    |
| 8  | IC 200-161965/13   | 40.512139     | 104.689624 | 10.0      | 919545.0    | 2.584154 | Y    |



# Calibration

/ Ethanol

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

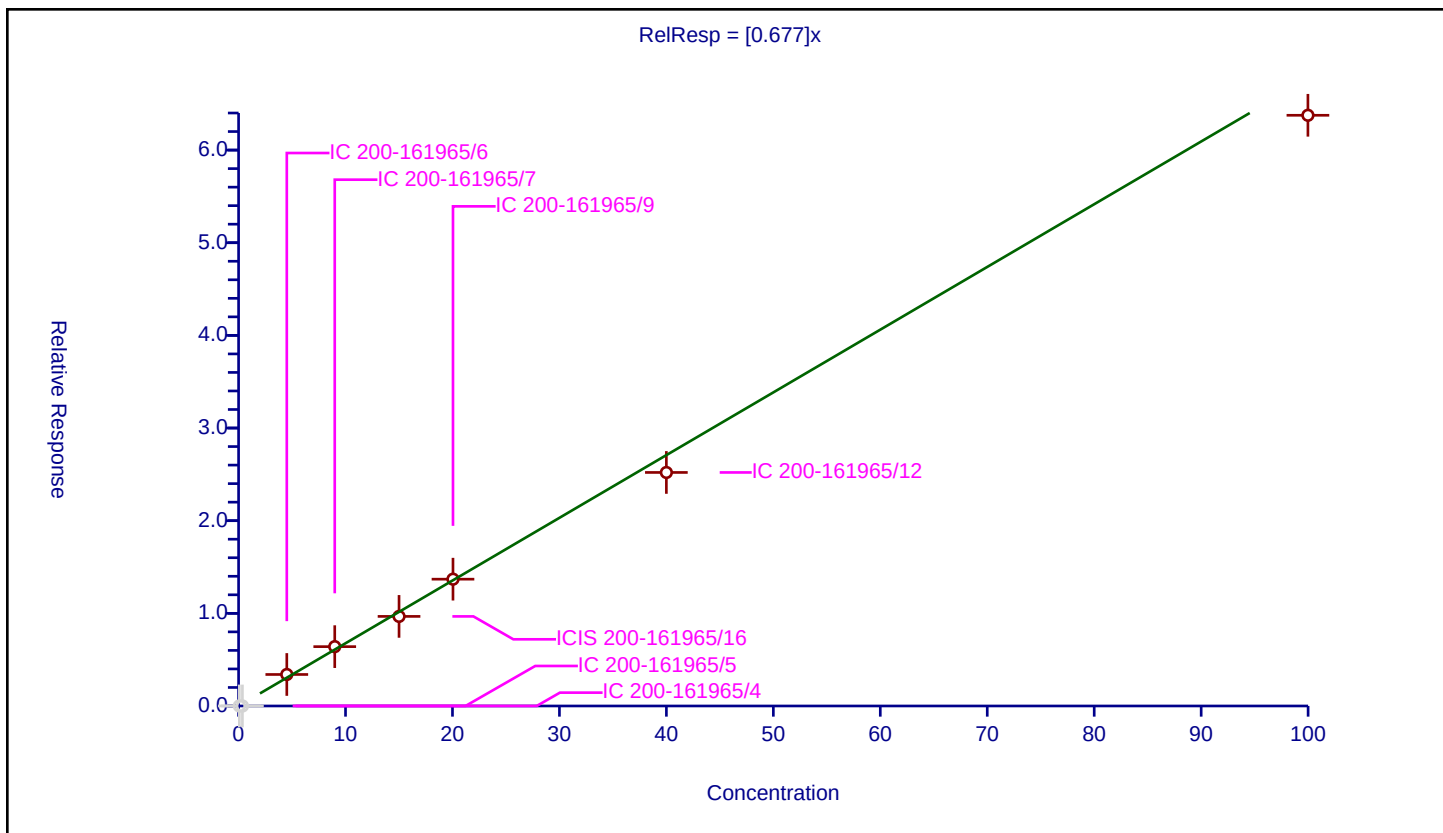
## Curve Coefficients

Intercept: 0  
 Slope: 0.677

## Error Coefficients

Standard Error: 2880000  
 Relative Standard Error: 7.3  
 Correlation Coefficient: 0.999  
 Coefficient of Determination (Adjusted): 0.988

| ID | Level              | Concentration | Rel. Resp. | IS Amount | IS Response | RRF      | Used |
|----|--------------------|---------------|------------|-----------|-------------|----------|------|
| 1  | IC 200-161965/4    | 0.070165      | 0.004586   | 10.0      | 913638.0    | 0.065361 | N    |
| 2  | IC 200-161965/5    | 0.36085       | 0.0        | 10.0      | 854960.0    | 0.0      | N    |
| 3  | IC 200-161965/6    | 4.509574      | 3.401925   | 10.0      | 803789.0    | 0.754378 | Y    |
| 4  | IC 200-161965/7    | 8.992434      | 6.405961   | 10.0      | 779808.0    | 0.712372 | Y    |
| 5  | ICIS 200-161965/16 | 15.003557     | 9.668891   | 10.0      | 886083.0    | 0.64444  | Y    |
| 6  | IC 200-161965/9    | 20.047856     | 13.687676  | 10.0      | 825604.0    | 0.68275  | Y    |
| 7  | IC 200-161965/12   | 39.998707     | 25.203953  | 10.0      | 862746.0    | 0.630119 | Y    |
| 8  | IC 200-161965/13   | 99.980599     | 63.754118  | 10.0      | 919545.0    | 0.637665 | Y    |



## Calibration

/ Ethyl ether

Curve Type: Average  
Weighting: Conc\_Sq  
Origin: Force  
Dependency: Response  
Calib Mode: ISTD  
Response Base: AREA  
RF Rounding: 0

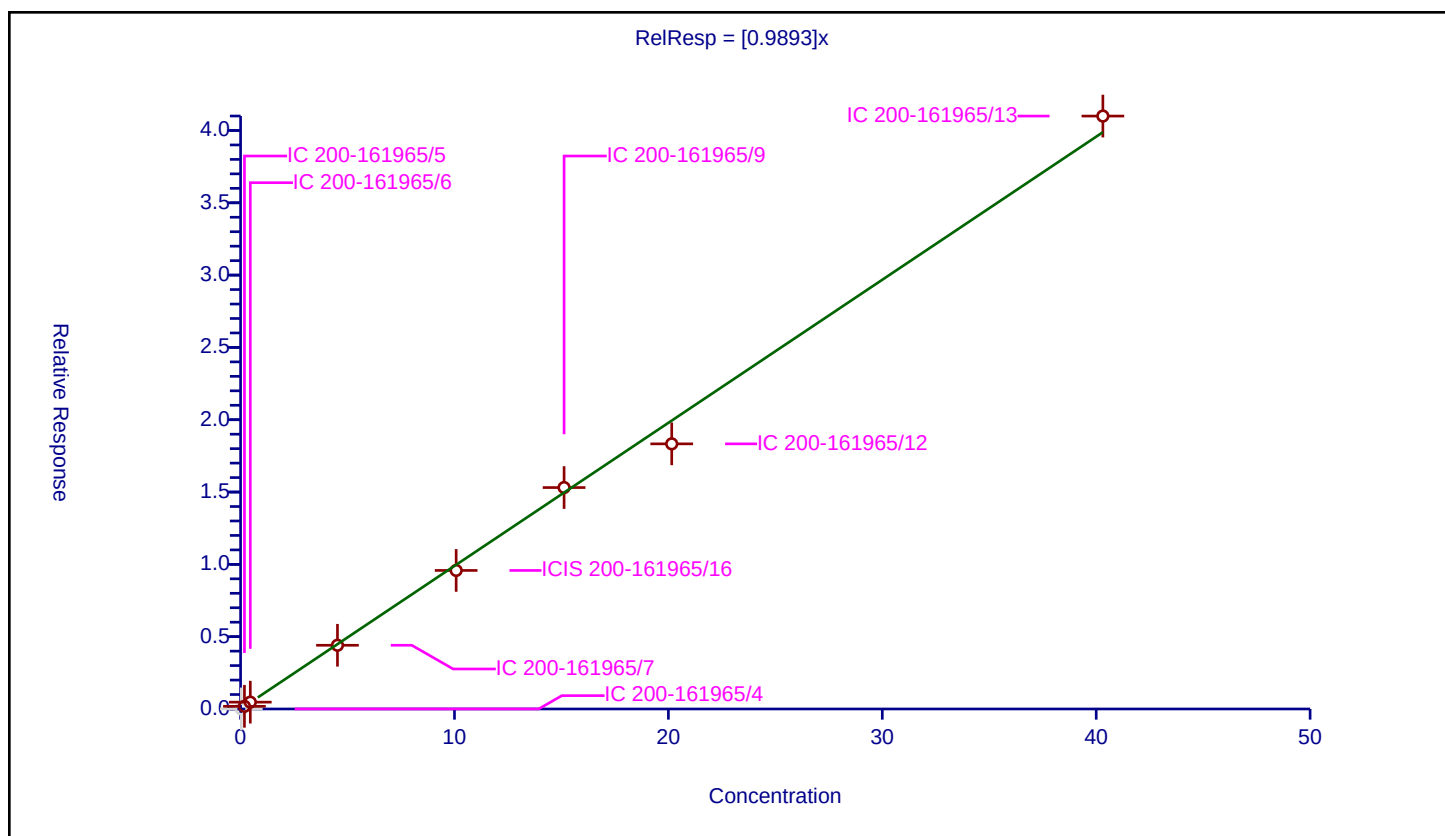
## Curve Coefficients

Intercept: 0  
Slope: 0.9893

## Error Coefficients

Standard Error: 1790000  
Relative Standard Error: 4.7  
Correlation Coefficient: 0.993  
Coefficient of Determination (Adjusted): 0.997

| ID | Level              | Concentration | Rel. Resp. | IS Amount | IS Response | RRF      | Used |
|----|--------------------|---------------|------------|-----------|-------------|----------|------|
| 1  | IC 200-161965/4    | 0.035358      | 0.004542   | 10.0      | 913638.0    | 0.128467 | N    |
| 2  | IC 200-161965/5    | 0.181839      | 0.185962   | 10.0      | 854960.0    | 1.022674 | Y    |
| 3  | IC 200-161965/6    | 0.454011      | 0.472288   | 10.0      | 803789.0    | 1.040258 | Y    |
| 4  | IC 200-161965/7    | 4.529253      | 4.405302   | 10.0      | 779808.0    | 0.972633 | Y    |
| 5  | ICIS 200-161965/16 | 10.078044     | 9.579746   | 10.0      | 886083.0    | 0.950556 | Y    |
| 6  | IC 200-161965/9    | 15.123585     | 15.310984  | 10.0      | 825604.0    | 1.012391 | Y    |
| 7  | IC 200-161965/12   | 20.156089     | 18.332105  | 10.0      | 862746.0    | 0.909507 | Y    |
| 8  | IC 200-161965/13   | 40.312177     | 40.996895  | 10.0      | 919545.0    | 1.016985 | Y    |



## Calibration

/ Acrolein

Curve Type: Average  
Weighting: Conc\_Sq  
Origin: Force  
Dependency: Response  
Calib Mode: ISTD  
Response Base: AREA  
RF Rounding: 0

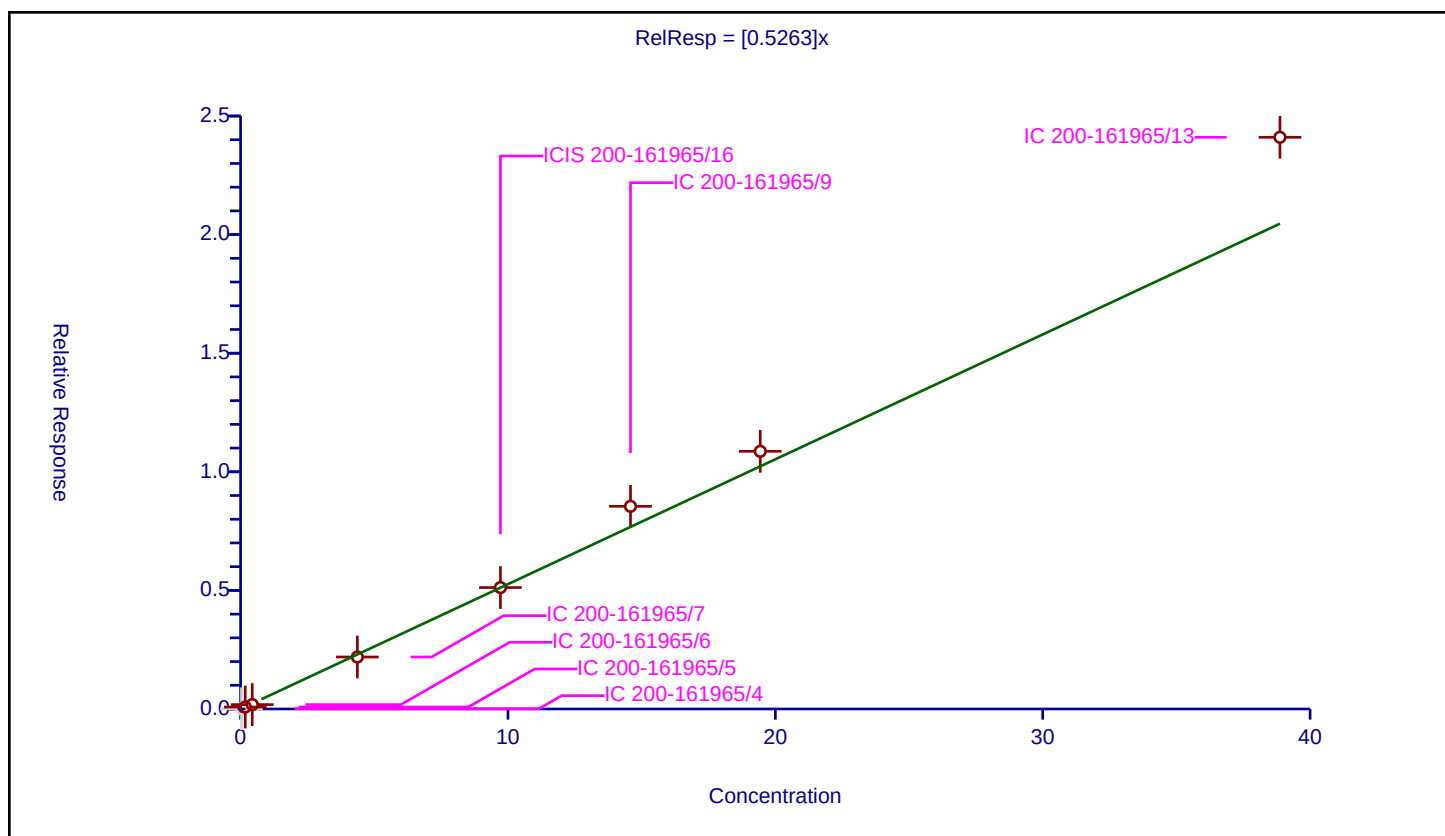
## Curve Coefficients

Intercept: 0  
Slope: 0.5263

## Error Coefficients

Standard Error: 1040000  
Relative Standard Error: 13.0  
Correlation Coefficient: 0.992  
Coefficient of Determination (Adjusted): 0.982

| ID | Level              | Concentration | Rel. Resp. | IS Amount | IS Response | RRF      | Used |
|----|--------------------|---------------|------------|-----------|-------------|----------|------|
| 1  | IC 200-161965/4    | 0.034095      | 0.010343   | 10.0      | 913638.0    | 0.303368 | N    |
| 2  | IC 200-161965/5    | 0.175345      | 0.082355   | 10.0      | 854960.0    | 0.469674 | Y    |
| 3  | IC 200-161965/6    | 0.437796      | 0.184389   | 10.0      | 803789.0    | 0.421176 | Y    |
| 4  | IC 200-161965/7    | 4.367494      | 2.192129   | 10.0      | 779808.0    | 0.501919 | Y    |
| 5  | ICIS 200-161965/16 | 9.718114      | 5.118888   | 10.0      | 886083.0    | 0.526737 | Y    |
| 6  | IC 200-161965/9    | 14.583457     | 8.543478   | 10.0      | 825604.0    | 0.585834 | Y    |
| 7  | IC 200-161965/12   | 19.436228     | 10.863128  | 10.0      | 862746.0    | 0.558911 | Y    |
| 8  | IC 200-161965/13   | 38.872457     | 24.103181  | 10.0      | 919545.0    | 0.620058 | Y    |



# Calibration

/ 1,1-Dichloroethene

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

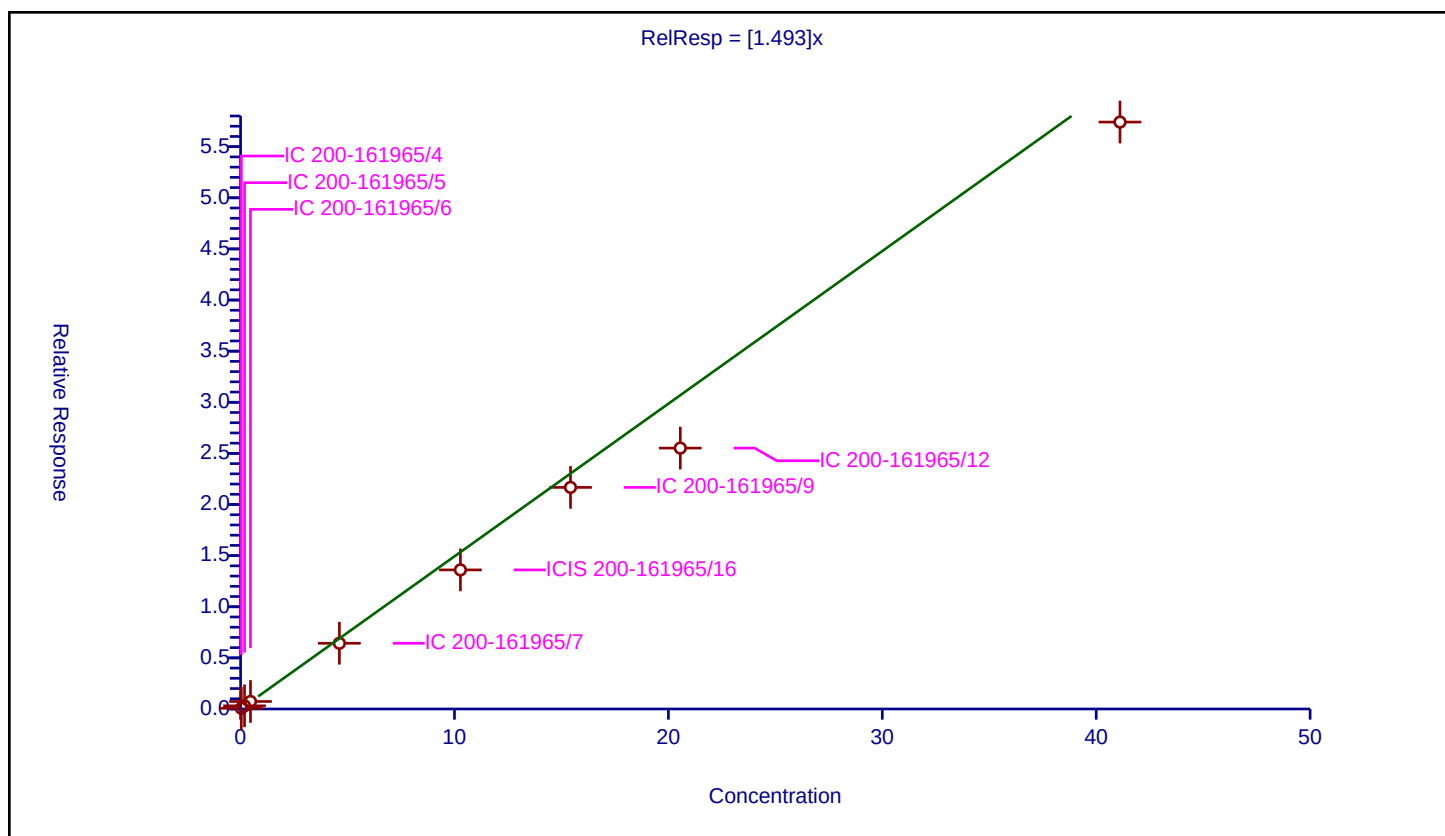
## Curve Coefficients

Intercept: 0  
 Slope: 1.493

## Error Coefficients

Standard Error: 2320000  
 Relative Standard Error: 15.0  
 Correlation Coefficient: 0.993  
 Coefficient of Determination (Adjusted): 0.972

| ID | Level              | Concentration | Rel. Resp. | IS Amount | IS Response | RRF      | Used |
|----|--------------------|---------------|------------|-----------|-------------|----------|------|
| 1  | IC 200-161965/4    | 0.036059      | 0.069601   | 10.0      | 913638.0    | 1.930189 | Y    |
| 2  | IC 200-161965/5    | 0.185447      | 0.309839   | 10.0      | 854960.0    | 1.670771 | Y    |
| 3  | IC 200-161965/6    | 0.463019      | 0.733974   | 10.0      | 803789.0    | 1.585192 | Y    |
| 4  | IC 200-161965/7    | 4.619119      | 6.428364   | 10.0      | 779808.0    | 1.391686 | Y    |
| 5  | ICIS 200-161965/16 | 10.278006     | 13.603376  | 10.0      | 886083.0    | 1.323542 | Y    |
| 6  | IC 200-161965/9    | 15.423656     | 21.673151  | 10.0      | 825604.0    | 1.405189 | Y    |
| 7  | IC 200-161965/12   | 20.556011     | 25.518194  | 10.0      | 862746.0    | 1.241398 | Y    |
| 8  | IC 200-161965/13   | 41.112022     | 57.408849  | 10.0      | 919545.0    | 1.396401 | 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

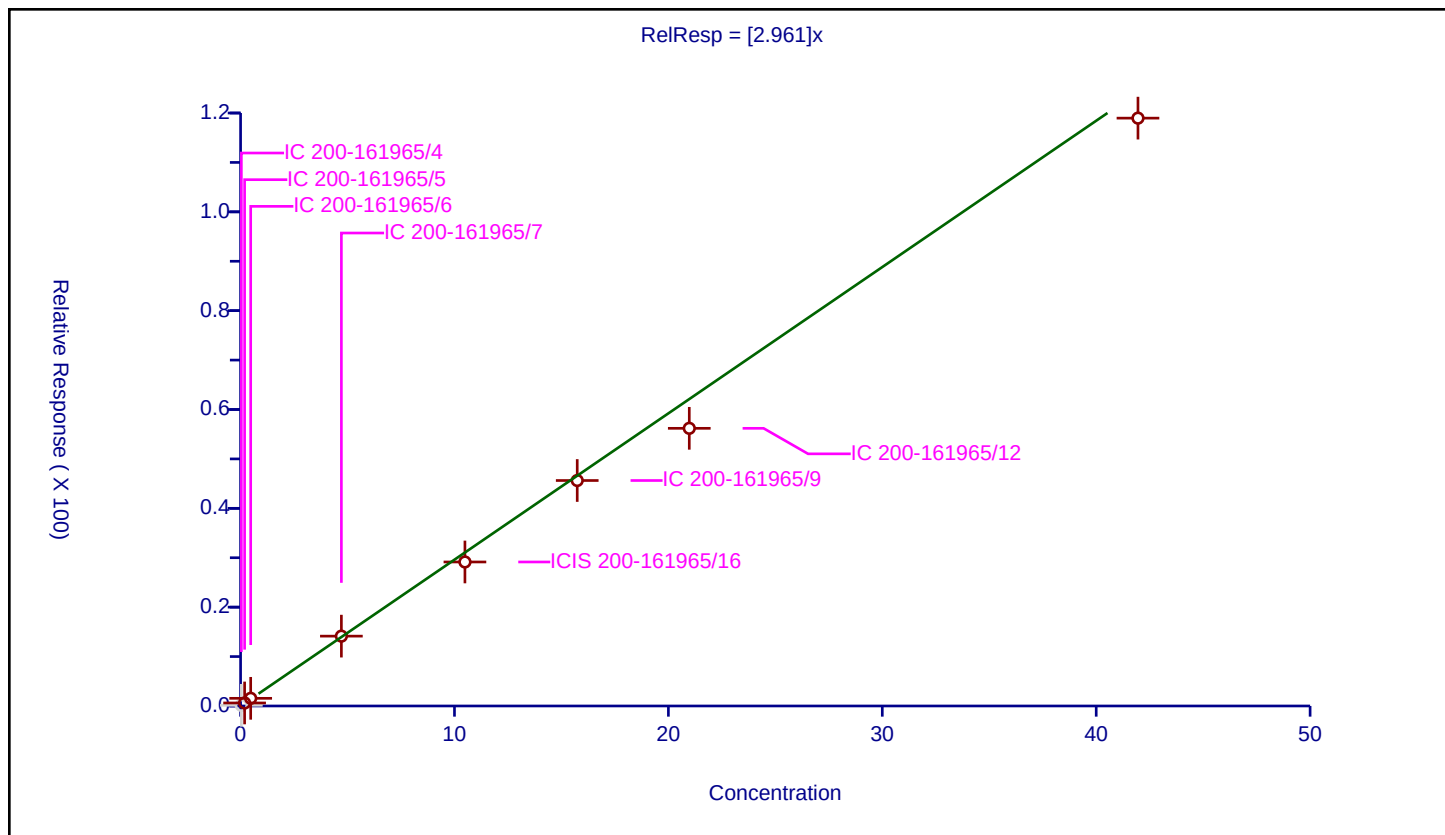
## Curve Coefficients

Intercept: 0  
Slope: 2.961

## Error Coefficients

Standard Error: 5250000  
Relative Standard Error: 7.8  
Correlation Coefficient: 0.996  
Coefficient of Determination (Adjusted): 0.992

| ID | Level              | Concentration | Rel. Resp. | IS Amount | IS Response | RRF      | Used |
|----|--------------------|---------------|------------|-----------|-------------|----------|------|
| 1  | IC 200-161965/4    | 0.036796      | 0.138687   | 10.0      | 913638.0    | 3.769116 | N    |
| 2  | IC 200-161965/5    | 0.189235      | 0.614309   | 10.0      | 854960.0    | 3.246277 | Y    |
| 3  | IC 200-161965/6    | 0.472477      | 1.553754   | 10.0      | 803789.0    | 3.288525 | Y    |
| 4  | IC 200-161965/7    | 4.713479      | 14.135415  | 10.0      | 779808.0    | 2.998935 | Y    |
| 5  | ICIS 200-161965/16 | 10.487965     | 29.14315   | 10.0      | 886083.0    | 2.778723 | Y    |
| 6  | IC 200-161965/9    | 15.738731     | 45.632773  | 10.0      | 825604.0    | 2.899393 | Y    |
| 7  | IC 200-161965/12   | 20.97593      | 56.192495  | 10.0      | 862746.0    | 2.678904 | Y    |
| 8  | IC 200-161965/13   | 41.951859     | 118.966456 | 10.0      | 919545.0    | 2.835785 | Y    |



# Calibration

/ Acetone

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

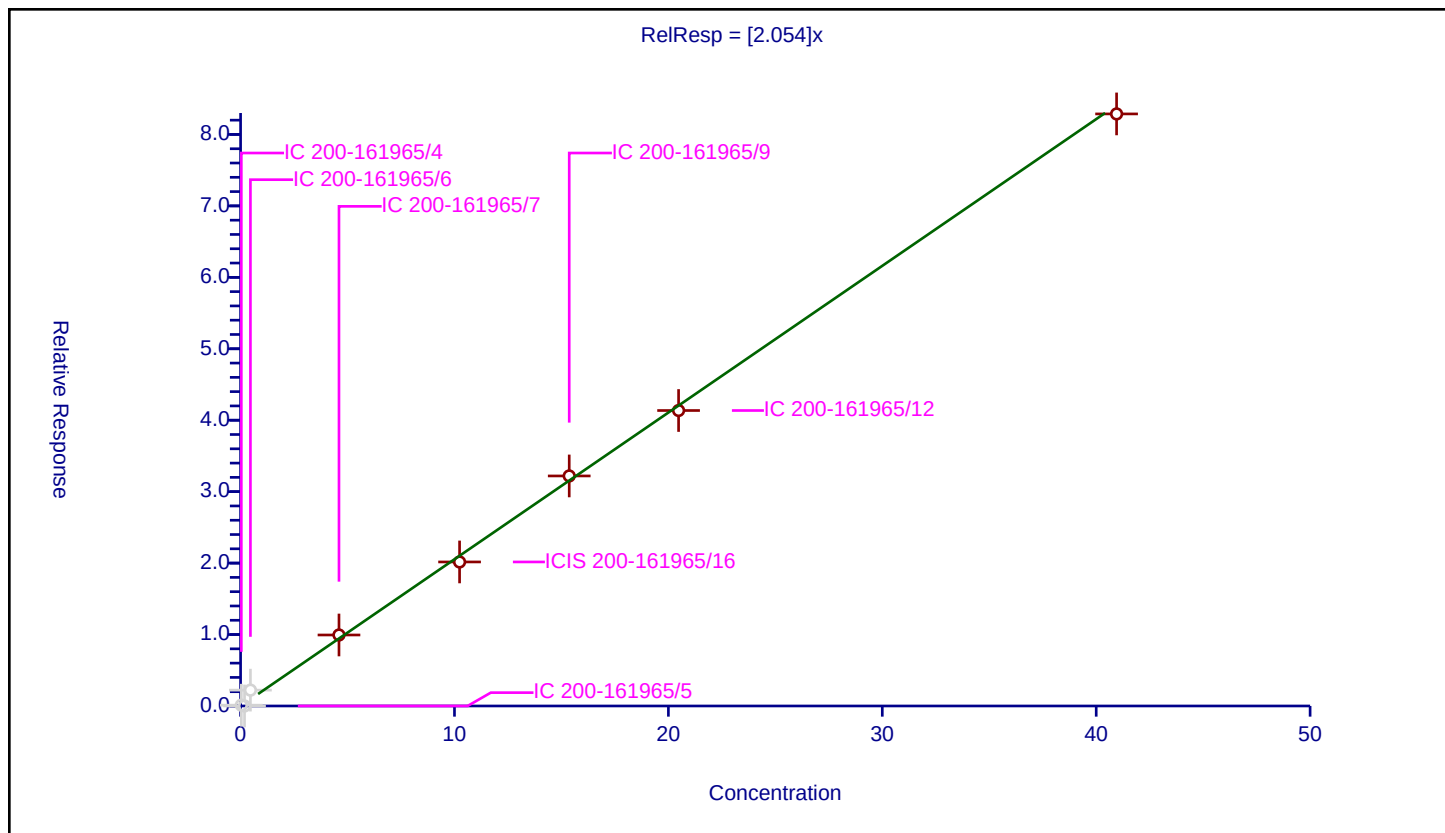
## Curve Coefficients

Intercept: 0  
 Slope: 2.054

## Error Coefficients

Standard Error: 4520000  
 Relative Standard Error: 3.6  
 Correlation Coefficient: 0.999  
 Coefficient of Determination (Adjusted): 0.997

| ID | Level              | Concentration | Rel. Resp. | IS Amount | IS Response | RRF      | Used |
|----|--------------------|---------------|------------|-----------|-------------|----------|------|
| 1  | IC 200-161965/4    | 0.035919      | 0.113918   | 10.0      | 913638.0    | 3.171549 | N    |
| 2  | IC 200-161965/5    | 0.184725      | 0.0        | 10.0      | 854960.0    | 0.0      | N    |
| 3  | IC 200-161965/6    | 0.461217      | 2.220371   | 10.0      | 803789.0    | 4.814156 | N    |
| 4  | IC 200-161965/7    | 4.601146      | 9.938434   | 10.0      | 779808.0    | 2.159991 | Y    |
| 5  | ICIS 200-161965/16 | 10.238013     | 20.159748  | 10.0      | 886083.0    | 1.969107 | Y    |
| 6  | IC 200-161965/9    | 15.363642     | 32.19965   | 10.0      | 825604.0    | 2.095834 | Y    |
| 7  | IC 200-161965/12   | 20.476027     | 41.358511  | 10.0      | 862746.0    | 2.01985  | Y    |
| 8  | IC 200-161965/13   | 40.952053     | 82.871605  | 10.0      | 919545.0    | 2.023625 | Y    |



# Calibration

/ Carbon disulfide

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

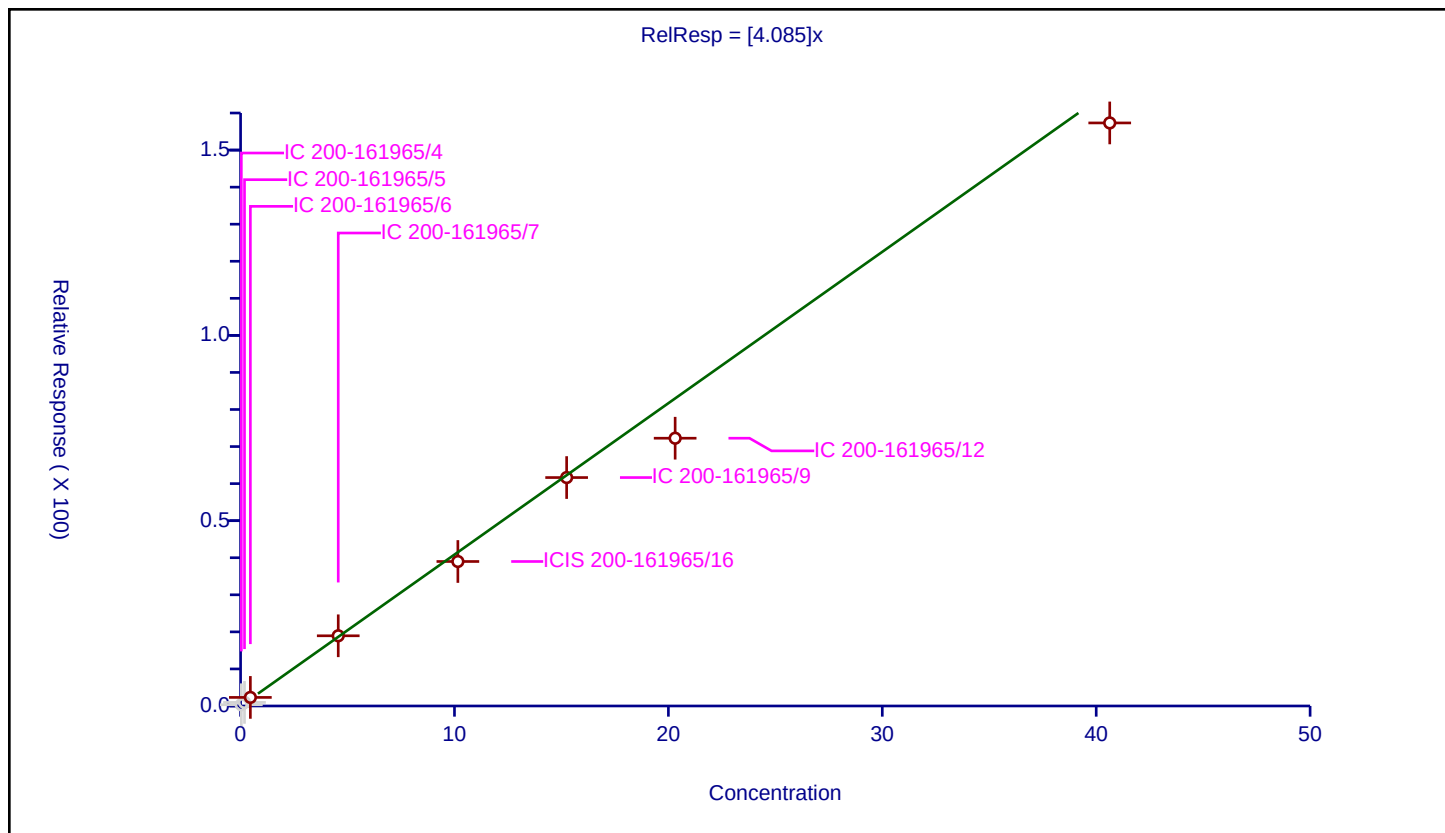
## Curve Coefficients

Intercept: 0  
 Slope: 4.085

## Error Coefficients

Standard Error: 7590000  
 Relative Standard Error: 12.6  
 Correlation Coefficient: 0.994  
 Coefficient of Determination (Adjusted): 0.980

| ID | Level              | Concentration | Rel. Resp. | IS Amount | IS Response | RRF      | Used |
|----|--------------------|---------------|------------|-----------|-------------|----------|------|
| 1  | IC 200-161965/4    | 0.035638      | 0.331576   | 10.0      | 913638.0    | 9.303943 | N    |
| 2  | IC 200-161965/5    | 0.183282      | 0.969437   | 10.0      | 854960.0    | 5.289319 | N    |
| 3  | IC 200-161965/6    | 0.457614      | 2.311191   | 10.0      | 803789.0    | 5.050527 | Y    |
| 4  | IC 200-161965/7    | 4.5652        | 18.94306   | 10.0      | 779808.0    | 4.149449 | Y    |
| 5  | ICIS 200-161965/16 | 10.158029     | 38.984599  | 10.0      | 886083.0    | 3.837811 | Y    |
| 6  | IC 200-161965/9    | 15.243614     | 61.637032  | 10.0      | 825604.0    | 4.043466 | Y    |
| 7  | IC 200-161965/12   | 20.316058     | 72.248796  | 10.0      | 862746.0    | 3.556241 | Y    |
| 8  | IC 200-161965/13   | 40.632115     | 157.323829 | 10.0      | 919545.0    | 3.871908 | Y    |



# Calibration

/ Isopropyl alcohol

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

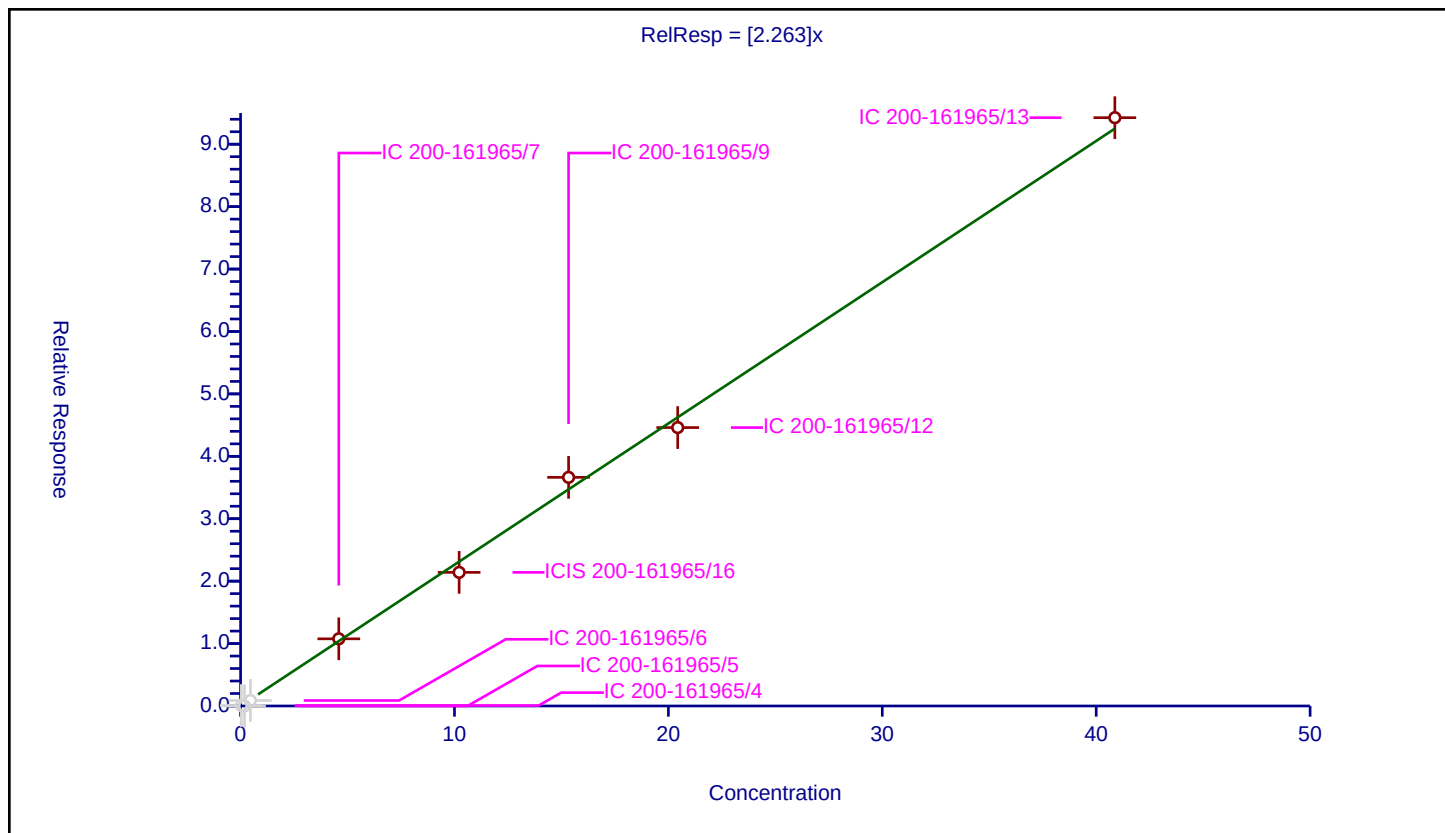
## Curve Coefficients

Intercept: 0  
 Slope: 2.263

## Error Coefficients

Standard Error: 5080000  
 Relative Standard Error: 5.4  
 Correlation Coefficient: 0.997  
 Coefficient of Determination (Adjusted): 0.993

| ID | Level              | Concentration | Rel. Resp. | IS Amount | IS Response | RRF      | Used |
|----|--------------------|---------------|------------|-----------|-------------|----------|------|
| 1  | IC 200-161965/4    | 0.035849      | 0.074242   | 10.0      | 913638.0    | 2.070976 | N    |
| 2  | IC 200-161965/5    | 0.184364      | 0.0        | 10.0      | 854960.0    | 0.0      | N    |
| 3  | IC 200-161965/6    | 0.460316      | 0.882047   | 10.0      | 803789.0    | 1.916177 | N    |
| 4  | IC 200-161965/7    | 4.592159      | 10.761264  | 10.0      | 779808.0    | 2.3434   | Y    |
| 5  | ICIS 200-161965/16 | 10.218017     | 21.407916  | 10.0      | 886083.0    | 2.095114 | Y    |
| 6  | IC 200-161965/9    | 15.333635     | 36.626252  | 10.0      | 825604.0    | 2.388622 | Y    |
| 7  | IC 200-161965/12   | 20.436034     | 44.605098  | 10.0      | 862746.0    | 2.182669 | Y    |
| 8  | IC 200-161965/13   | 40.872069     | 94.251951  | 10.0      | 919545.0    | 2.306023 | Y    |



## Calibration

/ Acetonitrile

Curve Type: Average  
Weighting: Conc\_Sq  
Origin: Force  
Dependency: Response  
Calib Mode: ISTD  
Response Base: AREA  
RF Rounding: 0

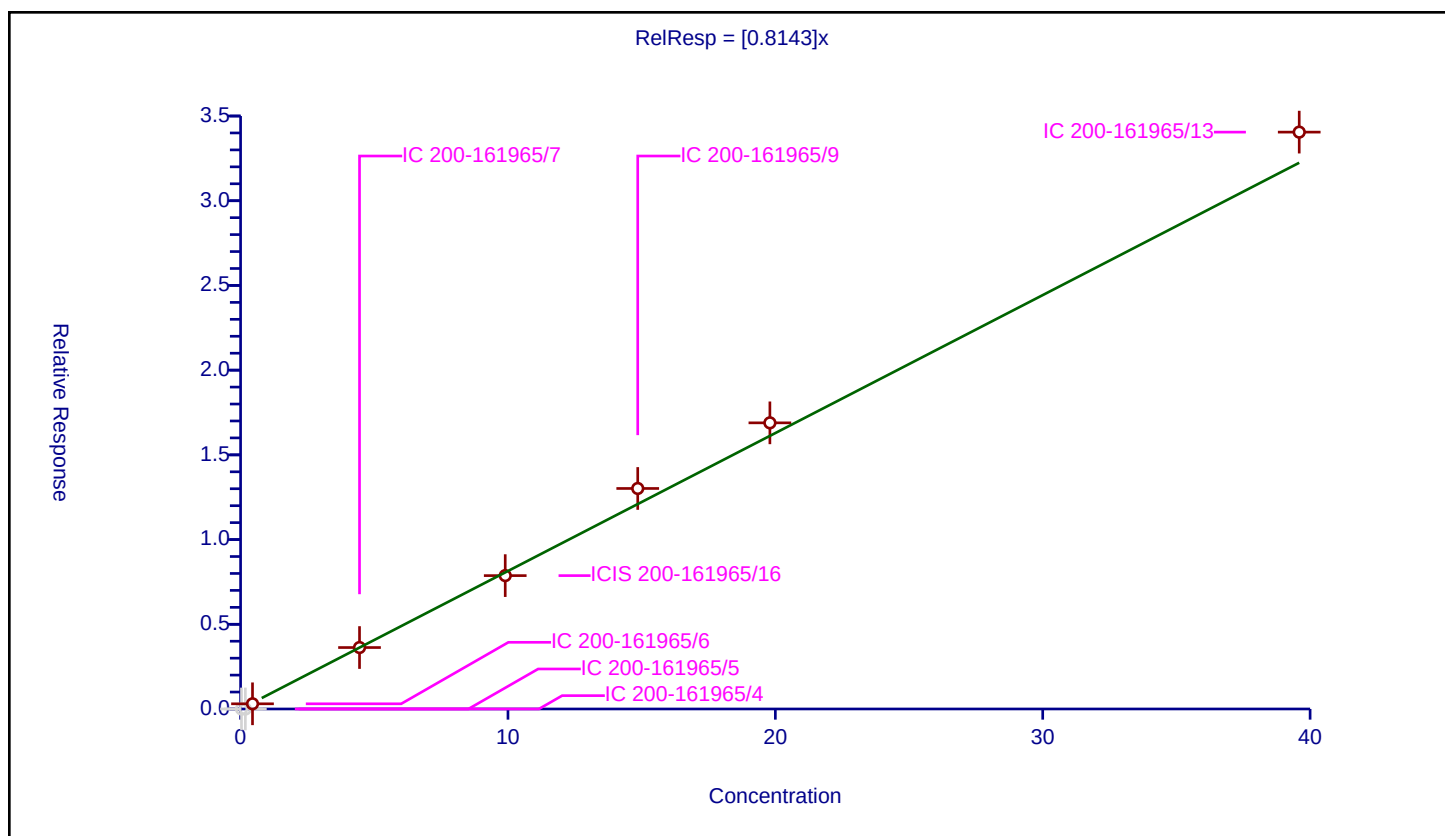
## Curve Coefficients

Intercept: 0  
Slope: 0.8143

## Error Coefficients

Standard Error: 1650000  
Relative Standard Error: 8.6  
Correlation Coefficient: 0.998  
Coefficient of Determination (Adjusted): 0.993

| ID | Level              | Concentration | Rel. Resp. | IS Amount | IS Response | RRF      | Used |
|----|--------------------|---------------|------------|-----------|-------------|----------|------|
| 1  | IC 200-161965/4    | 0.034726      | 0.0        | 10.0      | 913638.0    | 0.0      | N    |
| 2  | IC 200-161965/5    | 0.178592      | 0.0        | 10.0      | 854960.0    | 0.0      | N    |
| 3  | IC 200-161965/6    | 0.445903      | 0.305839   | 10.0      | 803789.0    | 0.685886 | Y    |
| 4  | IC 200-161965/7    | 4.448374      | 3.627072   | 10.0      | 779808.0    | 0.81537  | Y    |
| 5  | ICIS 200-161965/16 | 9.898079      | 7.872039   | 10.0      | 886083.0    | 0.79531  | Y    |
| 6  | IC 200-161965/9    | 14.853521     | 13.01532   | 10.0      | 825604.0    | 0.876245 | Y    |
| 7  | IC 200-161965/12   | 19.796159     | 16.889258  | 10.0      | 862746.0    | 0.853158 | Y    |
| 8  | IC 200-161965/13   | 39.592317     | 34.049655  | 10.0      | 919545.0    | 0.860007 | 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

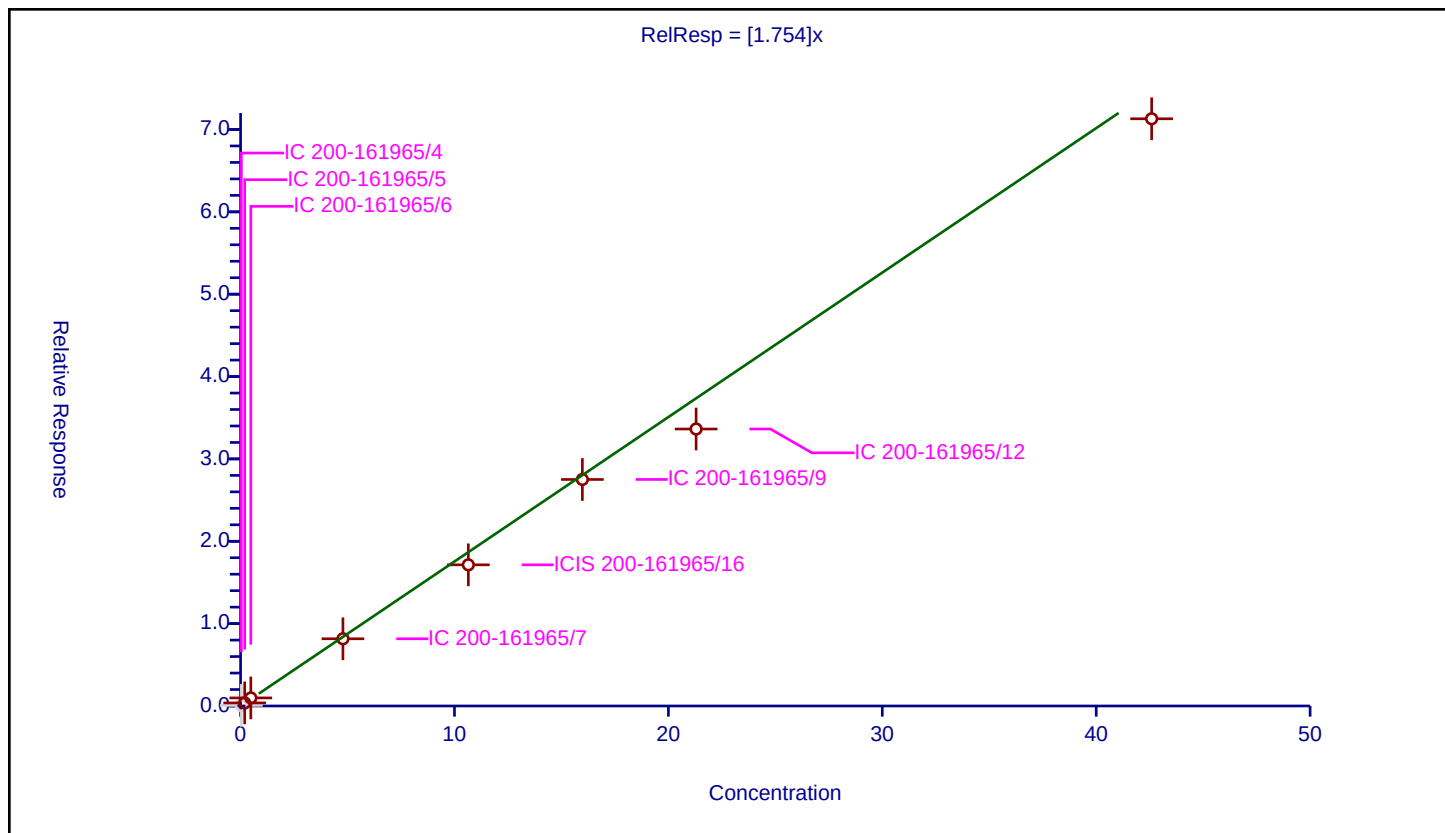
## Curve Coefficients

Intercept: 0  
 Slope: 1.754

## Error Coefficients

Standard Error: 3140000  
 Relative Standard Error: 9.9  
 Correlation Coefficient: 0.996  
 Coefficient of Determination (Adjusted): 0.988

| ID | Level              | Concentration | Rel. Resp. | IS Amount | IS Response | RRF      | Used |
|----|--------------------|---------------|------------|-----------|-------------|----------|------|
| 1  | IC 200-161965/4    | 0.037357      | 0.071352   | 10.0      | 913638.0    | 1.910009 | N    |
| 2  | IC 200-161965/5    | 0.192121      | 0.374497   | 10.0      | 854960.0    | 1.949273 | Y    |
| 3  | IC 200-161965/6    | 0.479684      | 0.97818    | 10.0      | 803789.0    | 2.039217 | Y    |
| 4  | IC 200-161965/7    | 4.785372      | 8.161919   | 10.0      | 779808.0    | 1.705598 | Y    |
| 5  | ICIS 200-161965/16 | 10.647934     | 17.141385  | 10.0      | 886083.0    | 1.609832 | Y    |
| 6  | IC 200-161965/9    | 15.978788     | 27.505547  | 10.0      | 825604.0    | 1.721379 | Y    |
| 7  | IC 200-161965/12   | 21.295868     | 33.630304  | 10.0      | 862746.0    | 1.579194 | Y    |
| 8  | IC 200-161965/13   | 42.591735     | 71.302133  | 10.0      | 919545.0    | 1.674084 | Y    |



# Calibration

/ Methylene Chloride

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

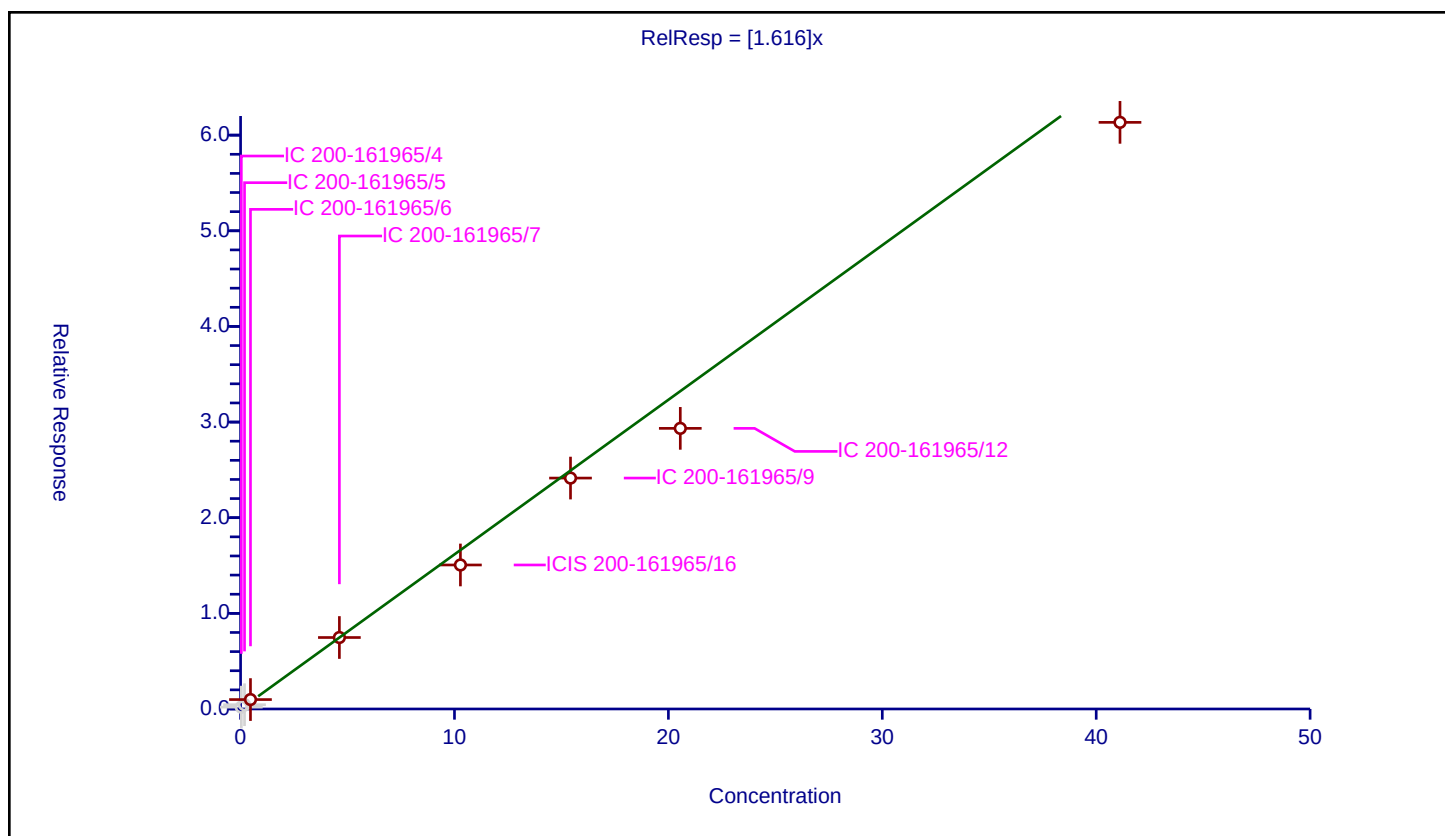
## Curve Coefficients

Intercept: 0  
 Slope: 1.616

## Error Coefficients

Standard Error: 2980000  
 Relative Standard Error: 16.2  
 Correlation Coefficient: 0.997  
 Coefficient of Determination (Adjusted): 0.966

| ID | Level              | Concentration | Rel. Resp. | IS Amount | IS Response | RRF      | Used |
|----|--------------------|---------------|------------|-----------|-------------|----------|------|
| 1  | IC 200-161965/4    | 0.036059      | 0.192429   | 10.0      | 913638.0    | 5.336476 | N    |
| 2  | IC 200-161965/5    | 0.185447      | 0.448267   | 10.0      | 854960.0    | 2.417225 | N    |
| 3  | IC 200-161965/6    | 0.463019      | 0.986727   | 10.0      | 803789.0    | 2.131073 | Y    |
| 4  | IC 200-161965/7    | 4.619119      | 7.472416   | 10.0      | 779808.0    | 1.617715 | Y    |
| 5  | ICIS 200-161965/16 | 10.278006     | 15.056705  | 10.0      | 886083.0    | 1.464944 | Y    |
| 6  | IC 200-161965/9    | 15.423656     | 24.144614  | 10.0      | 825604.0    | 1.565427 | Y    |
| 7  | IC 200-161965/12   | 20.556011     | 29.342414  | 10.0      | 862746.0    | 1.427437 | Y    |
| 8  | IC 200-161965/13   | 41.112022     | 61.337401  | 10.0      | 919545.0    | 1.491958 | 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

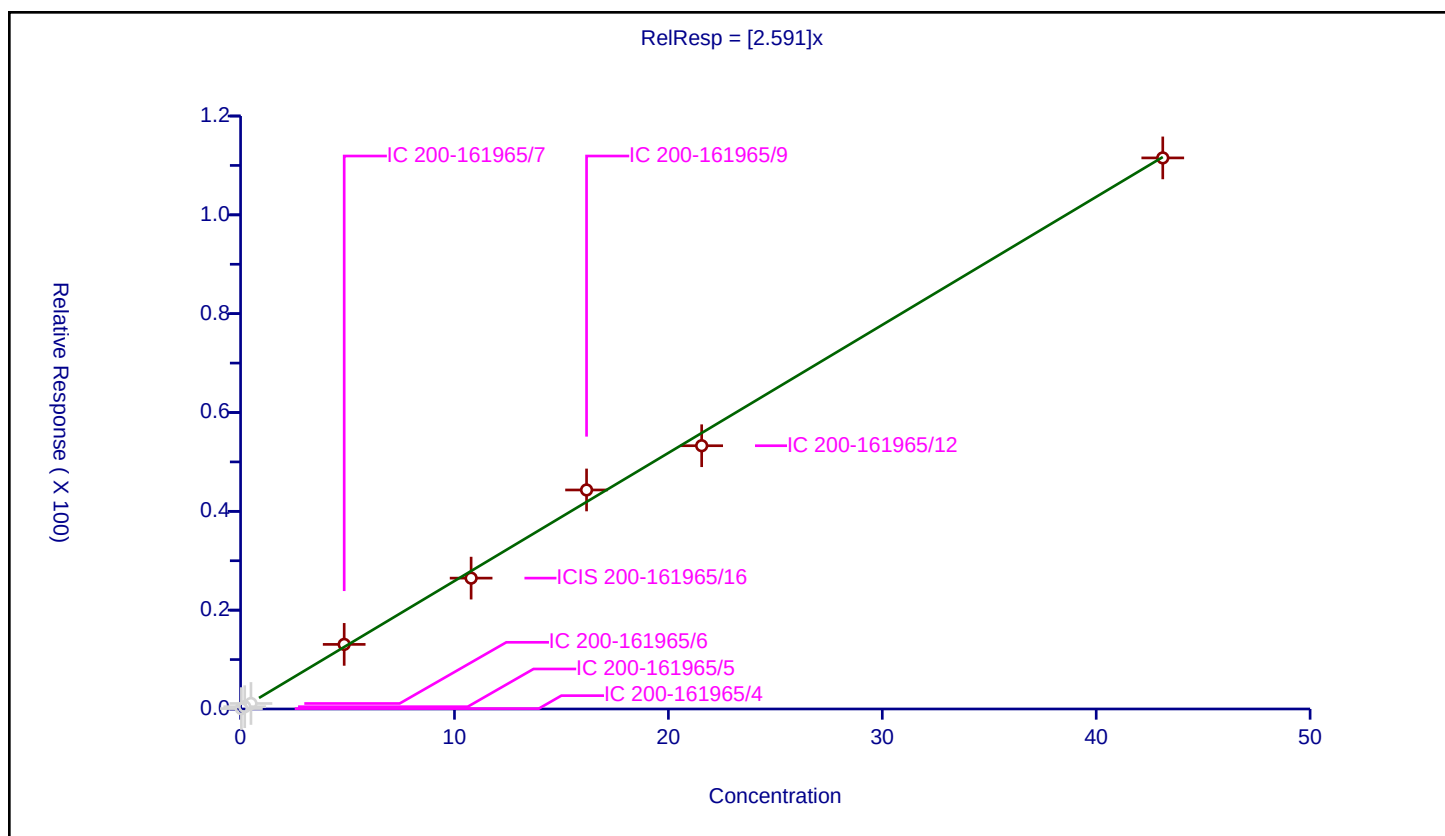
## Curve Coefficients

Intercept: 0  
Slope: 2.591

## Error Coefficients

Standard Error: 6050000  
Relative Standard Error: 5.0  
Correlation Coefficient: 0.997  
Coefficient of Determination (Adjusted): 0.994

| ID | Level              | Concentration | Rel. Resp. | IS Amount | IS Response | RRF      | Used |
|----|--------------------|---------------|------------|-----------|-------------|----------|------|
| 1  | IC 200-161965/4    | 0.037813      | 0.079014   | 10.0      | 913638.0    | 2.089596 | N    |
| 2  | IC 200-161965/5    | 0.194467      | 0.465507   | 10.0      | 854960.0    | 2.393764 | N    |
| 3  | IC 200-161965/6    | 0.485539      | 1.112381   | 10.0      | 803789.0    | 2.291023 | N    |
| 4  | IC 200-161965/7    | 4.843785      | 13.073577  | 10.0      | 779808.0    | 2.699042 | Y    |
| 5  | ICIS 200-161965/16 | 10.777909     | 26.483061  | 10.0      | 886083.0    | 2.457161 | Y    |
| 6  | IC 200-161965/9    | 16.173834     | 44.322169  | 10.0      | 825604.0    | 2.740362 | Y    |
| 7  | IC 200-161965/12   | 21.555817     | 53.276074  | 10.0      | 862746.0    | 2.47154  | Y    |
| 8  | IC 200-161965/13   | 43.111634     | 111.524645 | 10.0      | 919545.0    | 2.58688  | Y    |





## Calibration

/ Acrylonitrile

Curve Type: Average  
Weighting: Conc\_Sq  
Origin: Force  
Dependency: Response  
Calib Mode: ISTD  
Response Base: AREA  
RF Rounding: 0

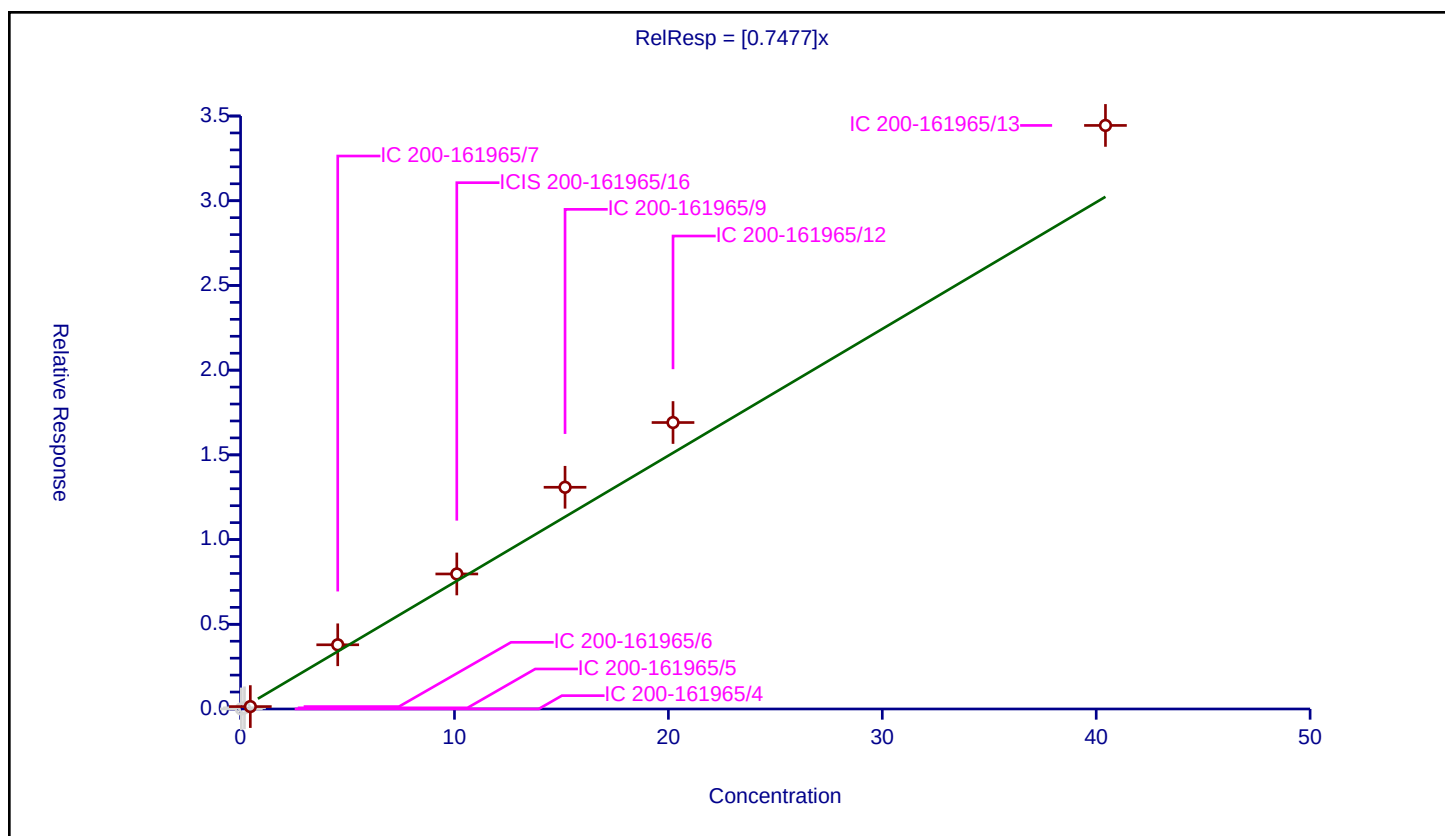
## Curve Coefficients

Intercept: 0  
Slope: 0.7477

## Error Coefficients

Standard Error: 1670000  
Relative Standard Error: 28.7  
Correlation Coefficient: 0.998  
Coefficient of Determination (Adjusted): 0.931

| ID | Level              | Concentration | Rel. Resp. | IS Amount | IS Response | RRF      | Used |
|----|--------------------|---------------|------------|-----------|-------------|----------|------|
| 1  | IC 200-161965/4    | 0.035463      | 0.003557   | 10.0      | 913638.0    | 0.100308 | N    |
| 2  | IC 200-161965/5    | 0.18238       | 0.068834   | 10.0      | 854960.0    | 0.377419 | N    |
| 3  | IC 200-161965/6    | 0.455362      | 0.142463   | 10.0      | 803789.0    | 0.312856 | Y    |
| 4  | IC 200-161965/7    | 4.542733      | 3.788907   | 10.0      | 779808.0    | 0.834059 | Y    |
| 5  | ICIS 200-161965/16 | 10.108039     | 7.969919   | 10.0      | 886083.0    | 0.788473 | Y    |
| 6  | IC 200-161965/9    | 15.168596     | 13.08648   | 10.0      | 825604.0    | 0.862735 | Y    |
| 7  | IC 200-161965/12   | 20.216077     | 16.907978  | 10.0      | 862746.0    | 0.836363 | Y    |
| 8  | IC 200-161965/13   | 40.432154     | 34.443741  | 10.0      | 919545.0    | 0.85189  | 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

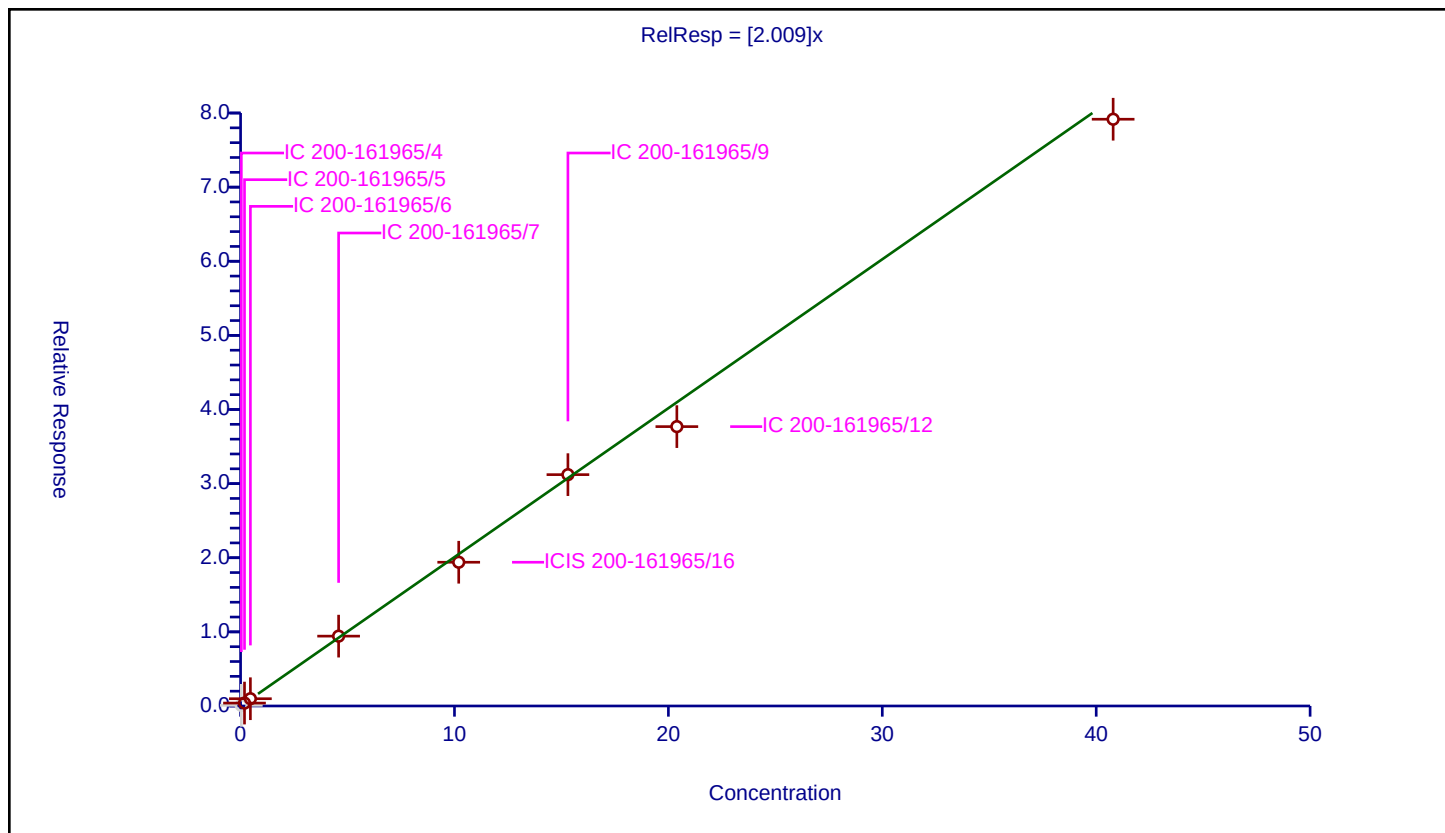
## Curve Coefficients

Intercept: 0  
Slope: 2.009

## Error Coefficients

Standard Error: 3500000  
Relative Standard Error: 5.7  
Correlation Coefficient: 0.997  
Coefficient of Determination (Adjusted): 0.996

| ID | Level              | Concentration | Rel. Resp. | IS Amount | IS Response | RRF      | Used |
|----|--------------------|---------------|------------|-----------|-------------|----------|------|
| 1  | IC 200-161965/4    | 0.035778      | 0.089127   | 10.0      | 913638.0    | 2.491084 | N    |
| 2  | IC 200-161965/5    | 0.184004      | 0.393855   | 10.0      | 854960.0    | 2.140473 | Y    |
| 3  | IC 200-161965/6    | 0.459415      | 0.981116   | 10.0      | 803789.0    | 2.135574 | Y    |
| 4  | IC 200-161965/7    | 4.583173      | 9.423653   | 10.0      | 779808.0    | 2.056142 | Y    |
| 5  | ICIS 200-161965/16 | 10.198021     | 19.394628  | 10.0      | 886083.0    | 1.901803 | Y    |
| 6  | IC 200-161965/9    | 15.303628     | 31.211198  | 10.0      | 825604.0    | 2.039464 | Y    |
| 7  | IC 200-161965/12   | 20.396042     | 37.690178  | 10.0      | 862746.0    | 1.847916 | Y    |
| 8  | IC 200-161965/13   | 40.792084     | 79.161281  | 10.0      | 919545.0    | 1.940604 | 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

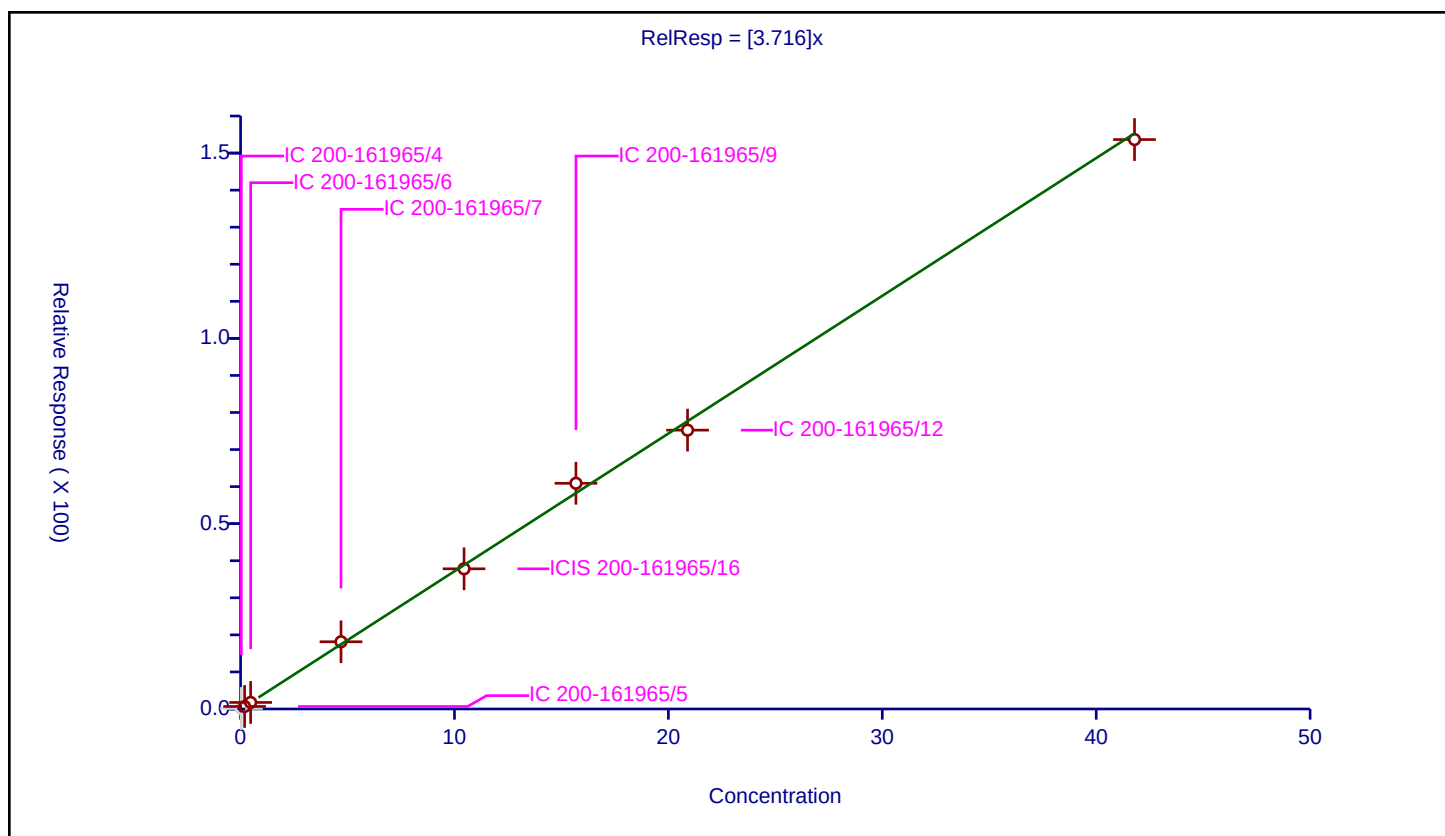
## Curve Coefficients

Intercept: 0  
Slope: 3.716

## Error Coefficients

Standard Error: 6830000  
Relative Standard Error: 3.2  
Correlation Coefficient: 0.998  
Coefficient of Determination (Adjusted): 0.999

| ID | Level              | Concentration | Rel. Resp. | IS Amount | IS Response | RRF      | Used |
|----|--------------------|---------------|------------|-----------|-------------|----------|------|
| 1  | IC 200-161965/4    | 0.036655      | 0.140953   | 10.0      | 913638.0    | 3.845353 | N    |
| 2  | IC 200-161965/5    | 0.188514      | 0.680523   | 10.0      | 854960.0    | 3.609943 | Y    |
| 3  | IC 200-161965/6    | 0.470676      | 1.769507   | 10.0      | 803789.0    | 3.759503 | Y    |
| 4  | IC 200-161965/7    | 4.695505      | 18.135977  | 10.0      | 779808.0    | 3.862412 | Y    |
| 5  | ICIS 200-161965/16 | 10.447973     | 37.823714  | 10.0      | 886083.0    | 3.620197 | Y    |
| 6  | IC 200-161965/9    | 15.678717     | 60.897888  | 10.0      | 825604.0    | 3.884112 | Y    |
| 7  | IC 200-161965/12   | 20.895945     | 75.235527  | 10.0      | 862746.0    | 3.600485 | Y    |
| 8  | IC 200-161965/13   | 41.79189      | 153.648435 | 10.0      | 919545.0    | 3.676513 | Y    |



## Calibration

/ Hexane

Curve Type: Average  
Weighting: Conc\_Sq  
Origin: Force  
Dependency: Response  
Calib Mode: ISTD  
Response Base: AREA  
RF Rounding: 0

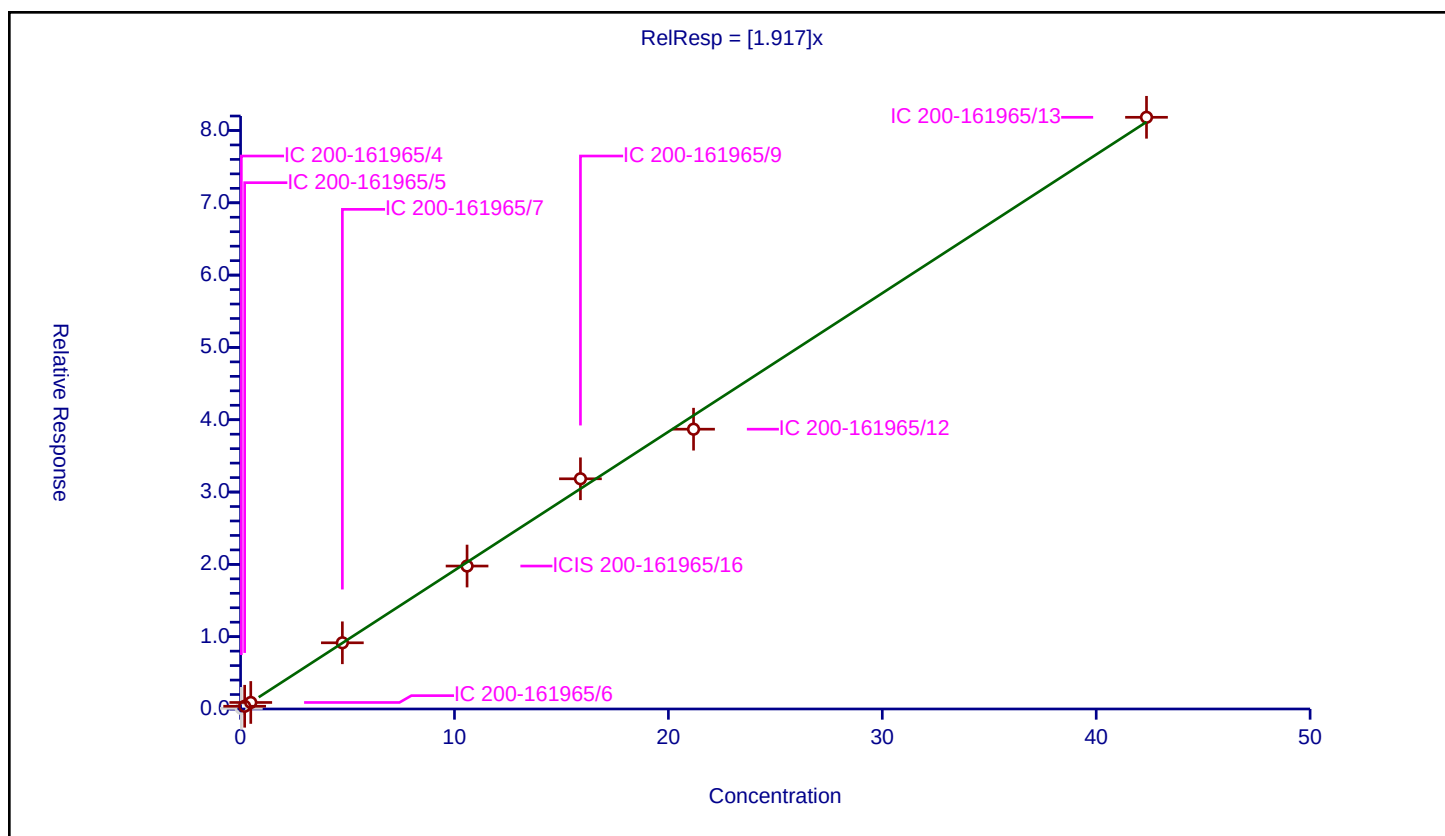
## Curve Coefficients

Intercept: 0  
Slope: 1.917

## Error Coefficients

Standard Error: 3610000  
Relative Standard Error: 3.1  
Correlation Coefficient: 0.997  
Coefficient of Determination (Adjusted): 0.999

| ID | Level              | Concentration | Rel. Resp. | IS Amount | IS Response | RRF      | Used |
|----|--------------------|---------------|------------|-----------|-------------|----------|------|
| 1  | IC 200-161965/4    | 0.037146      | 0.086938   | 10.0      | 913638.0    | 2.340414 | N    |
| 2  | IC 200-161965/5    | 0.191039      | 0.376591   | 10.0      | 854960.0    | 1.971276 | Y    |
| 3  | IC 200-161965/6    | 0.476981      | 0.902787   | 10.0      | 803789.0    | 1.892709 | Y    |
| 4  | IC 200-161965/7    | 4.758412      | 9.154856   | 10.0      | 779808.0    | 1.923931 | Y    |
| 5  | ICIS 200-161965/16 | 10.587945     | 19.767053  | 10.0      | 886083.0    | 1.866939 | Y    |
| 6  | IC 200-161965/9    | 15.888767     | 31.834184  | 10.0      | 825604.0    | 2.003565 | Y    |
| 7  | IC 200-161965/12   | 21.175891     | 38.693405  | 10.0      | 862746.0    | 1.827239 | Y    |
| 8  | IC 200-161965/13   | 42.351782     | 81.823021  | 10.0      | 919545.0    | 1.931985 | Y    |



# Calibration

/ 1,1-Dichloroethane

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

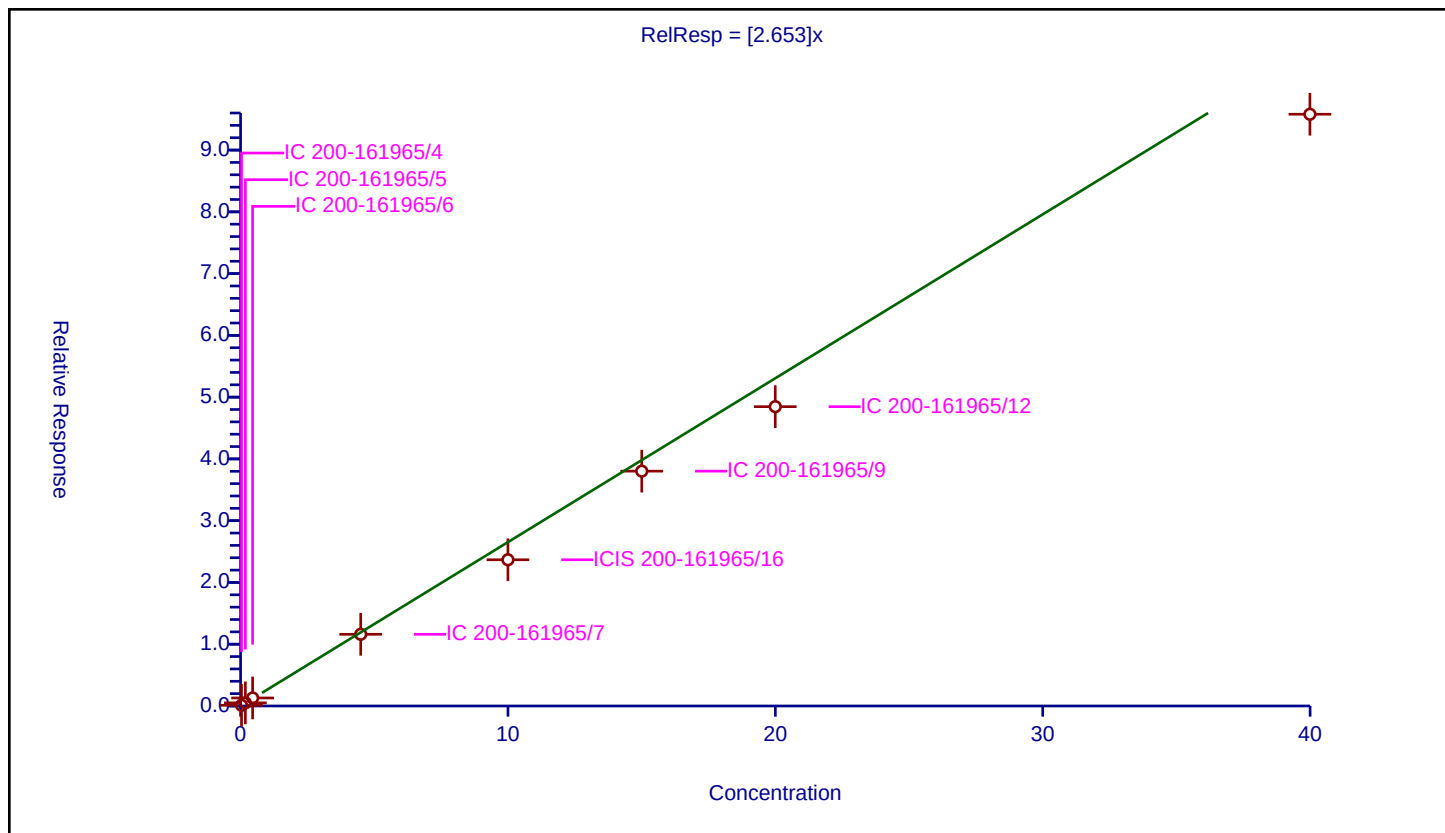
## Curve Coefficients

Intercept: 0  
 Slope: 2.653

## Error Coefficients

Standard Error: 3970000  
 Relative Standard Error: 11.4  
 Correlation Coefficient: 0.999  
 Coefficient of Determination (Adjusted): 0.984

| ID | Level              | Concentration | Rel. Resp. | IS Amount | IS Response | RRF      | Used |
|----|--------------------|---------------|------------|-----------|-------------|----------|------|
| 1  | IC 200-161965/4    | 0.035077      | 0.11394    | 10.0      | 913638.0    | 3.24829  | Y    |
| 2  | IC 200-161965/5    | 0.180396      | 0.503357   | 10.0      | 854960.0    | 2.790293 | Y    |
| 3  | IC 200-161965/6    | 0.450407      | 1.298189   | 10.0      | 803789.0    | 2.882255 | Y    |
| 4  | IC 200-161965/7    | 4.493307      | 11.606062  | 10.0      | 779808.0    | 2.582967 | Y    |
| 5  | ICIS 200-161965/16 | 9.99806       | 23.672895  | 10.0      | 886083.0    | 2.367749 | Y    |
| 6  | IC 200-161965/9    | 15.003557     | 38.017851  | 10.0      | 825604.0    | 2.533923 | Y    |
| 7  | IC 200-161965/12   | 19.99612      | 48.459964  | 10.0      | 862746.0    | 2.423468 | Y    |
| 8  | IC 200-161965/13   | 39.99224      | 95.802478  | 10.0      | 919545.0    | 2.395527 | Y    |



## Calibration

/ Vinyl acetate

Curve Type: Average  
Weighting: Conc\_Sq  
Origin: Force  
Dependency: Response  
Calib Mode: ISTD  
Response Base: AREA  
RF Rounding: 0

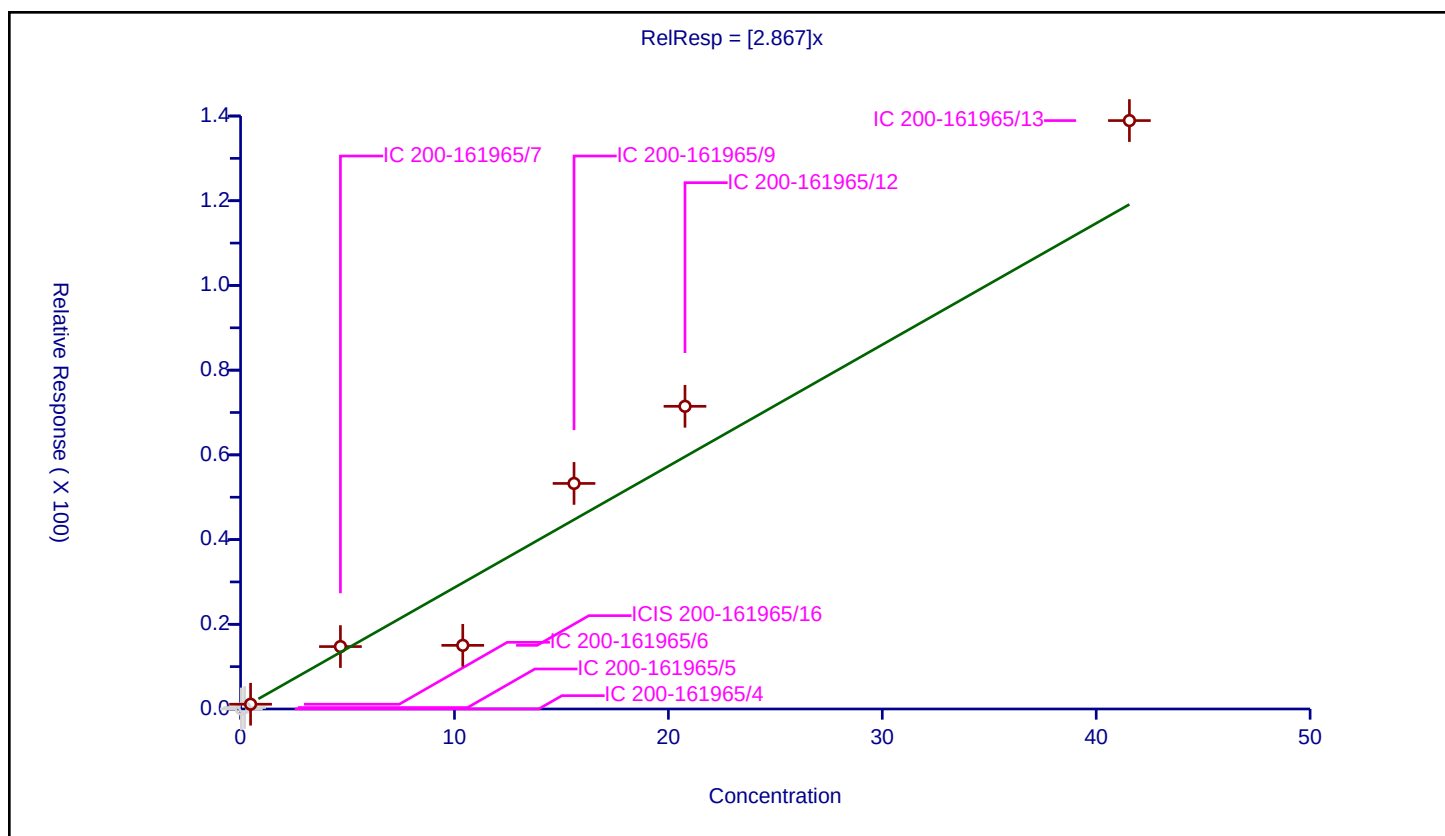
## Curve Coefficients

Intercept: 0  
Slope: 2.867

## Error Coefficients

Standard Error: 6690000  
Relative Standard Error: 27.8  
Correlation Coefficient: 0.980  
Coefficient of Determination (Adjusted): 0.927

| ID | Level              | Concentration | Rel. Resp. | IS Amount | IS Response | RRF      | Used |
|----|--------------------|---------------|------------|-----------|-------------|----------|------|
| 1  | IC 200-161965/4    | 0.036445      | 0.006655   | 10.0      | 913638.0    | 0.182596 | N    |
| 2  | IC 200-161965/5    | 0.187431      | 0.341127   | 10.0      | 854960.0    | 1.820013 | N    |
| 3  | IC 200-161965/6    | 0.467973      | 1.12318    | 10.0      | 803789.0    | 2.400095 | Y    |
| 4  | IC 200-161965/7    | 4.668546      | 14.735371  | 10.0      | 779808.0    | 3.156309 | Y    |
| 5  | ICIS 200-161965/16 | 10.387984     | 15.0255    | 10.0      | 886083.0    | 1.446431 | Y    |
| 6  | IC 200-161965/9    | 15.588696     | 53.253424  | 10.0      | 825604.0    | 3.416157 | Y    |
| 7  | IC 200-161965/12   | 20.775968     | 71.463571  | 10.0      | 862746.0    | 3.439723 | Y    |
| 8  | IC 200-161965/13   | 41.551937     | 138.923772 | 10.0      | 919545.0    | 3.343377 | 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

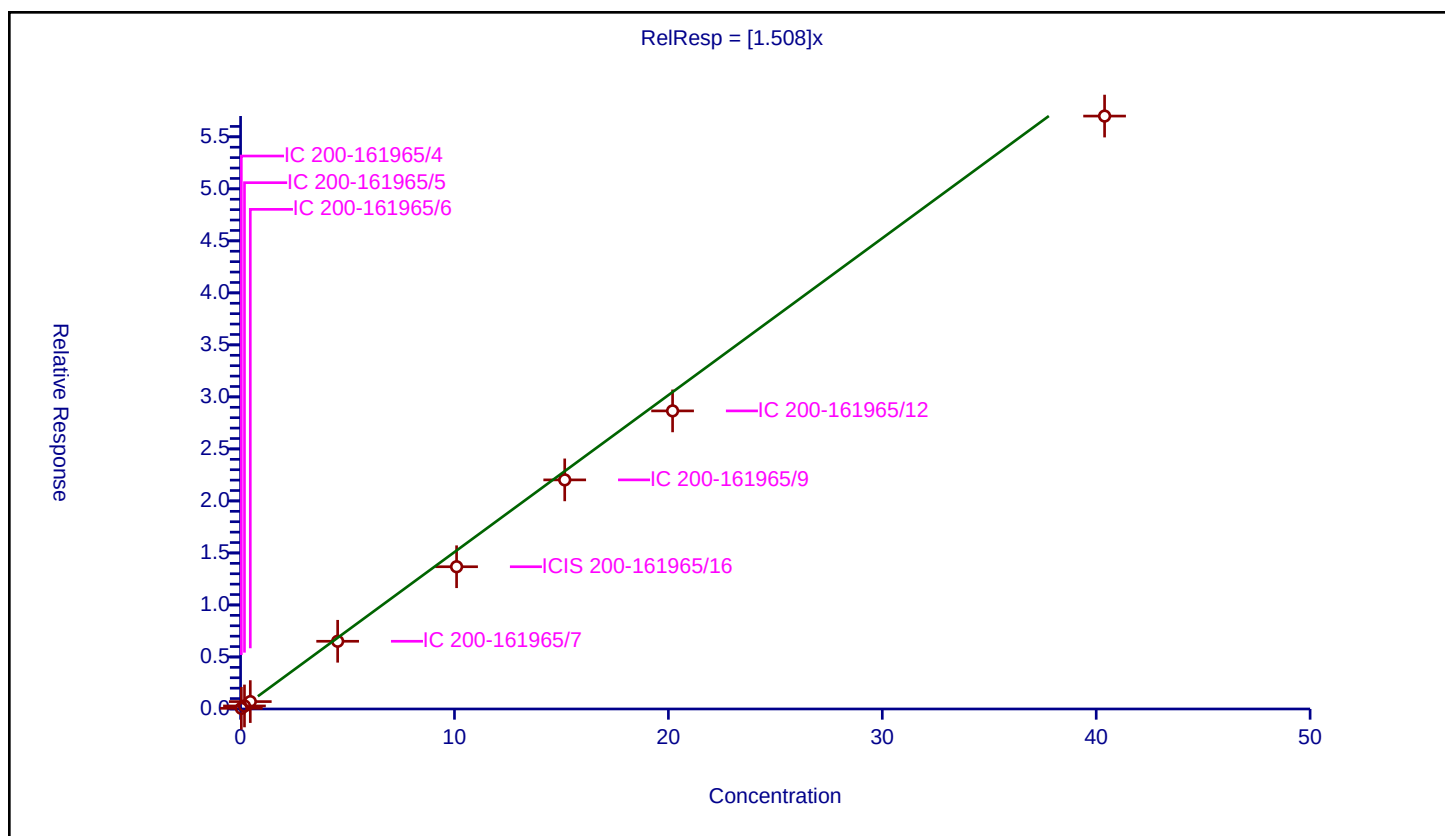
## Curve Coefficients

Intercept: 0  
Slope: 1.508

## Error Coefficients

Standard Error: 2350000  
Relative Standard Error: 10.2  
Correlation Coefficient: 0.999  
Coefficient of Determination (Adjusted): 0.988

| ID | Level              | Concentration | Rel. Resp. | IS Amount | IS Response | RRF      | Used |
|----|--------------------|---------------|------------|-----------|-------------|----------|------|
| 1  | IC 200-161965/4    | 0.035428      | 0.064949   | 10.0      | 913638.0    | 1.833286 | Y    |
| 2  | IC 200-161965/5    | 0.1822        | 0.291639   | 10.0      | 854960.0    | 1.600658 | Y    |
| 3  | IC 200-161965/6    | 0.454911      | 0.710808   | 10.0      | 803789.0    | 1.562521 | Y    |
| 4  | IC 200-161965/7    | 4.53824       | 6.508474   | 10.0      | 779808.0    | 1.434141 | Y    |
| 5  | ICIS 200-161965/16 | 10.09804      | 13.674836  | 10.0      | 886083.0    | 1.354207 | Y    |
| 6  | IC 200-161965/9    | 15.153592     | 22.021841  | 10.0      | 825604.0    | 1.453242 | Y    |
| 7  | IC 200-161965/12   | 20.196081     | 28.654007  | 10.0      | 862746.0    | 1.41879  | Y    |
| 8  | IC 200-161965/13   | 40.392162     | 56.995329  | 10.0      | 919545.0    | 1.411049 | Y    |



## Calibration

/ 2-Butanone (MEK)

Curve Type: Average  
Weighting: Conc\_Sq  
Origin: Force  
Dependency: Response  
Calib Mode: ISTD  
Response Base: AREA  
RF Rounding: 0

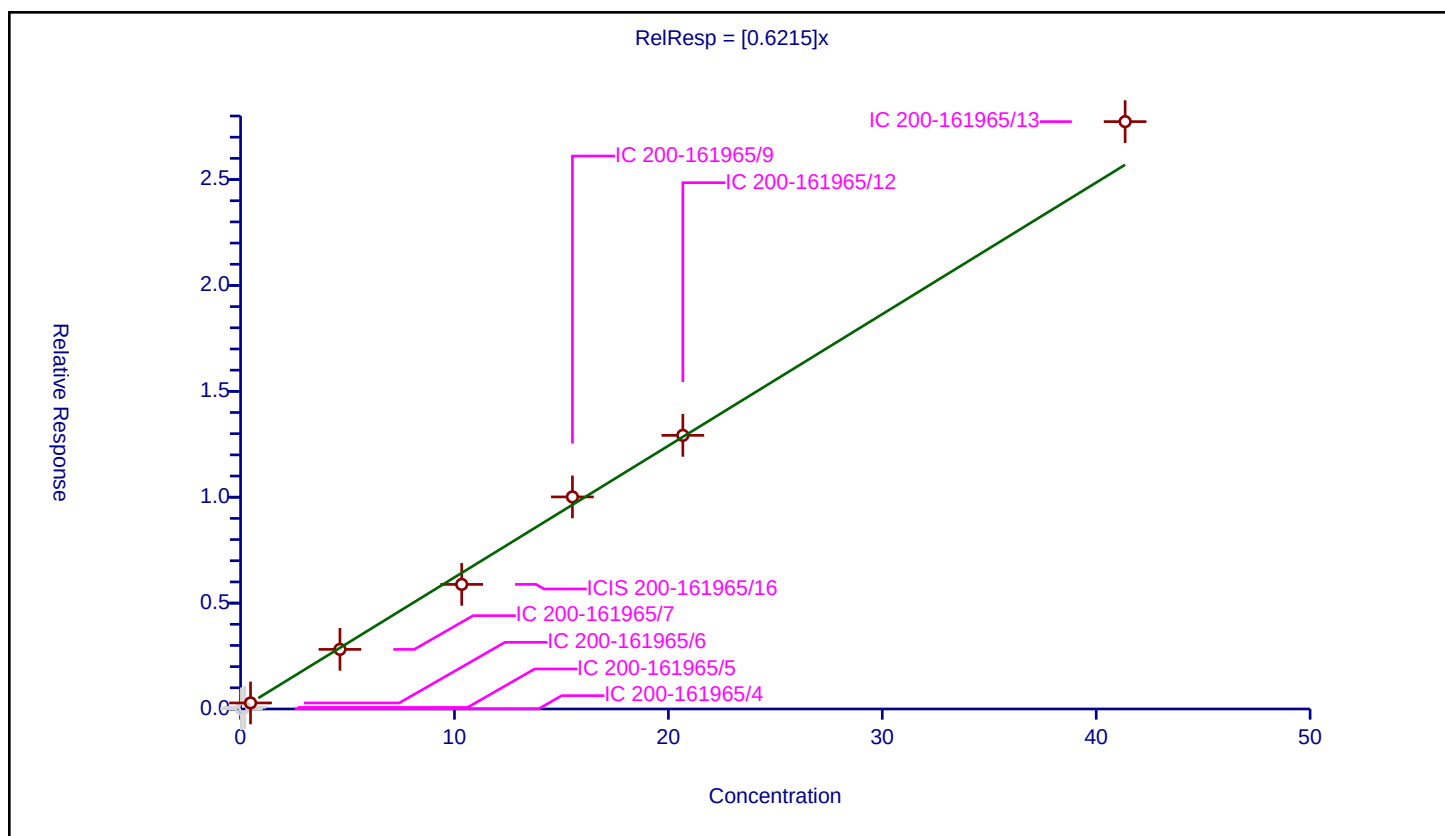
## Curve Coefficients

Intercept: 0  
Slope: 0.6215

## Error Coefficients

Standard Error: 1320000  
Relative Standard Error: 5.6  
Correlation Coefficient: 0.995  
Coefficient of Determination (Adjusted): 0.997

| ID | Level              | Concentration | Rel. Resp. | IS Amount | IS Response | RRF      | Used |
|----|--------------------|---------------|------------|-----------|-------------|----------|------|
| 1  | IC 200-161965/4    | 0.03627       | 0.008898   | 10.0      | 913638.0    | 0.245343 | N    |
| 2  | IC 200-161965/5    | 0.186529      | 0.074635   | 10.0      | 854960.0    | 0.400125 | N    |
| 3  | IC 200-161965/6    | 0.465721      | 0.285361   | 10.0      | 803789.0    | 0.612729 | Y    |
| 4  | IC 200-161965/7    | 4.646079      | 2.814885   | 10.0      | 779808.0    | 0.605863 | Y    |
| 5  | ICIS 200-161965/16 | 10.337994     | 5.883399   | 10.0      | 886083.0    | 0.569105 | Y    |
| 6  | IC 200-161965/9    | 15.513678     | 10.014305  | 10.0      | 825604.0    | 0.645515 | Y    |
| 7  | IC 200-161965/12   | 20.675988     | 12.920628  | 10.0      | 862746.0    | 0.62491  | Y    |
| 8  | IC 200-161965/13   | 41.351976     | 27.734978  | 10.0      | 919545.0    | 0.670705 | Y    |





## Calibration

/ Ethyl acetate

Curve Type: Average  
Weighting: Conc\_Sq  
Origin: Force  
Dependency: Response  
Calib Mode: ISTD  
Response Base: AREA  
RF Rounding: 0

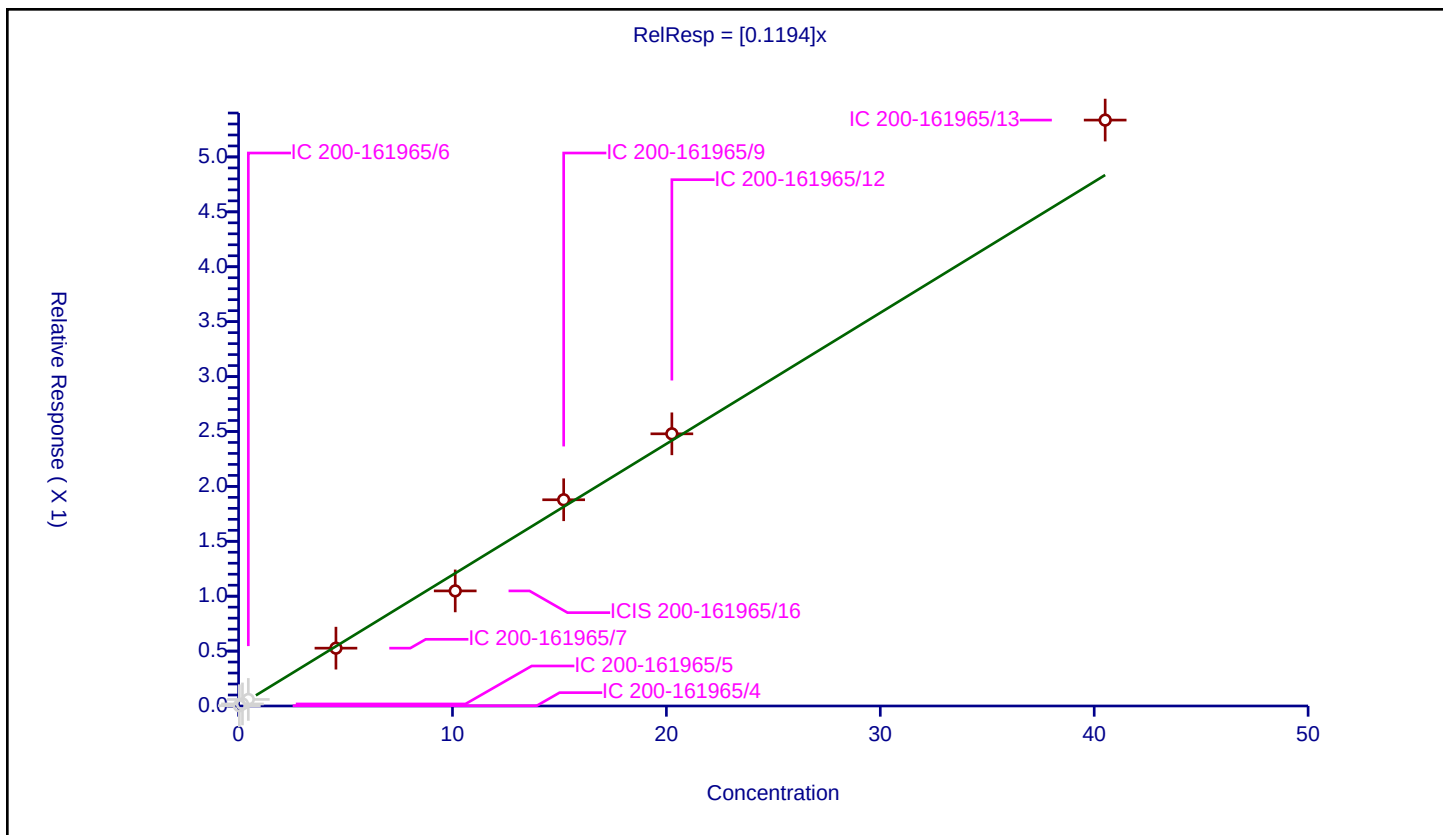
## Curve Coefficients

Intercept: 0  
Slope: 0.1194

## Error Coefficients

Standard Error: 283000  
Relative Standard Error: 8.8  
Correlation Coefficient: 0.996  
Coefficient of Determination (Adjusted): 0.984

| ID | Level              | Concentration | Rel. Resp. | IS Amount | IS Response | RRF      | Used |
|----|--------------------|---------------|------------|-----------|-------------|----------|------|
| 1  | IC 200-161965/4    | 0.035533      | 0.0022     | 10.0      | 913638.0    | 0.061914 | N    |
| 2  | IC 200-161965/5    | 0.182741      | 0.018668   | 10.0      | 854960.0    | 0.102153 | N    |
| 3  | IC 200-161965/6    | 0.456263      | 0.05963    | 10.0      | 803789.0    | 0.130692 | N    |
| 4  | IC 200-161965/7    | 4.55172       | 0.526514   | 10.0      | 779808.0    | 0.115674 | Y    |
| 5  | ICIS 200-161965/16 | 10.128035     | 1.047927   | 10.0      | 886083.0    | 0.103468 | Y    |
| 6  | IC 200-161965/9    | 15.198603     | 1.878031   | 10.0      | 825604.0    | 0.123566 | Y    |
| 7  | IC 200-161965/12   | 20.256069     | 2.478563   | 10.0      | 862746.0    | 0.122361 | Y    |
| 8  | IC 200-161965/13   | 40.512139     | 5.33553    | 10.0      | 919545.0    | 0.131702 | Y    |



## Calibration

/ Tetrahydrofuran

Curve Type: Average  
Weighting: Conc\_Sq  
Origin: Force  
Dependency: Response  
Calib Mode: ISTD  
Response Base: AREA  
RF Rounding: 0

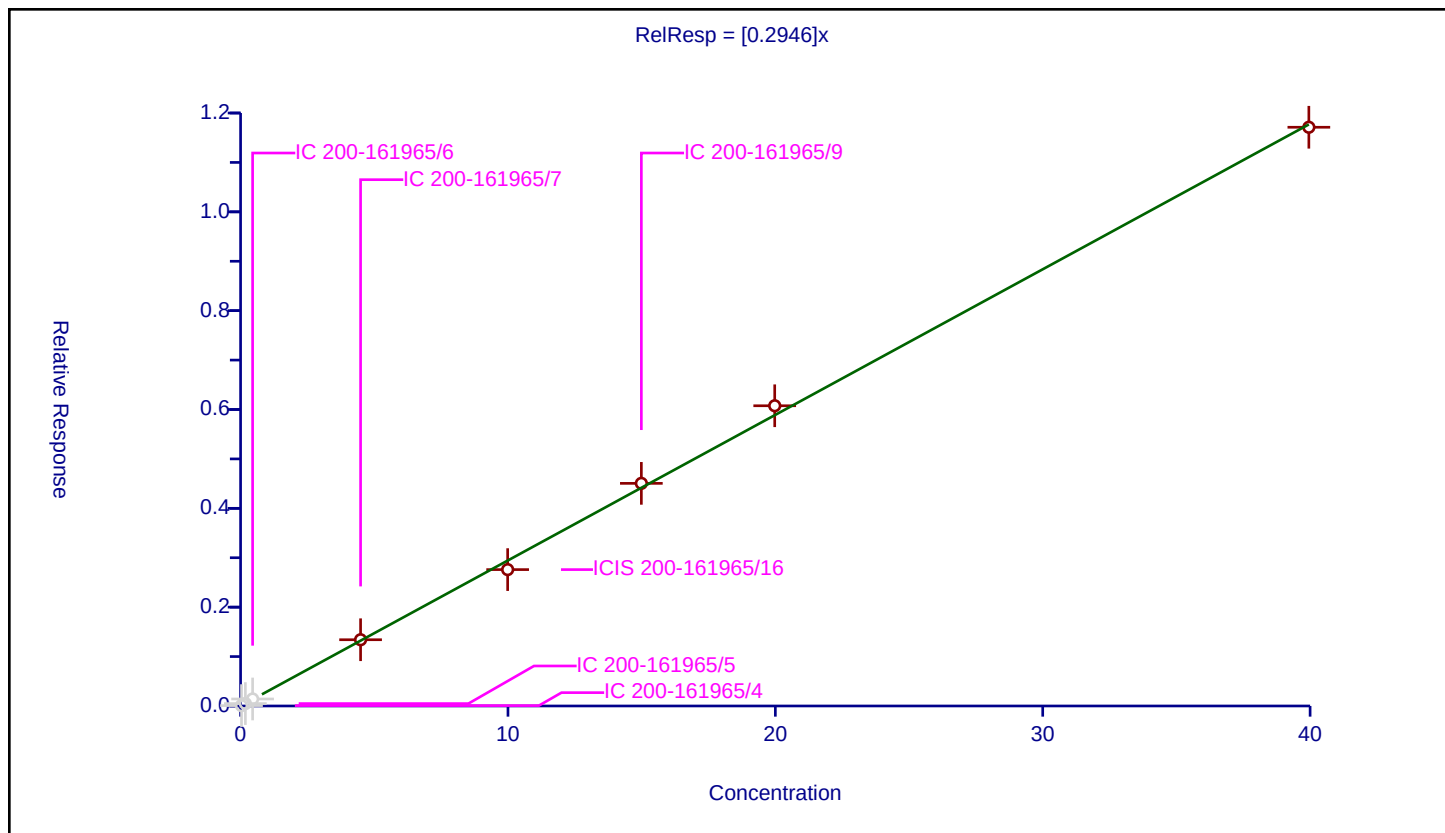
## Curve Coefficients

Intercept: 0  
Slope: 0.2946

## Error Coefficients

Standard Error: 3190000  
Relative Standard Error: 3.7  
Correlation Coefficient: 0.999  
Coefficient of Determination (Adjusted): 0.997

| ID | Level              | Concentration | Rel. Resp. | IS Amount | IS Response | RRF      | Used |
|----|--------------------|---------------|------------|-----------|-------------|----------|------|
| 1  | IC 200-161965/4    | 0.035042      | 0.008085   | 10.0      | 4288062.0   | 0.230731 | N    |
| 2  | IC 200-161965/5    | 0.180215      | 0.048932   | 10.0      | 4033586.0   | 0.271518 | N    |
| 3  | IC 200-161965/6    | 0.449957      | 0.141678   | 10.0      | 3818030.0   | 0.31487  | N    |
| 4  | IC 200-161965/7    | 4.488813      | 1.340803   | 10.0      | 3687141.0   | 0.298699 | Y    |
| 5  | ICIS 200-161965/16 | 9.988062      | 2.759874   | 10.0      | 4206765.0   | 0.276317 | Y    |
| 6  | IC 200-161965/9    | 14.988553     | 4.505451   | 10.0      | 4005439.0   | 0.300593 | Y    |
| 7  | IC 200-161965/12   | 19.976124     | 6.075454   | 10.0      | 4148248.0   | 0.304136 | Y    |
| 8  | IC 200-161965/13   | 39.952247     | 11.711909  | 10.0      | 4630760.0   | 0.293148 | Y    |



# Calibration

/ Chloroform

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

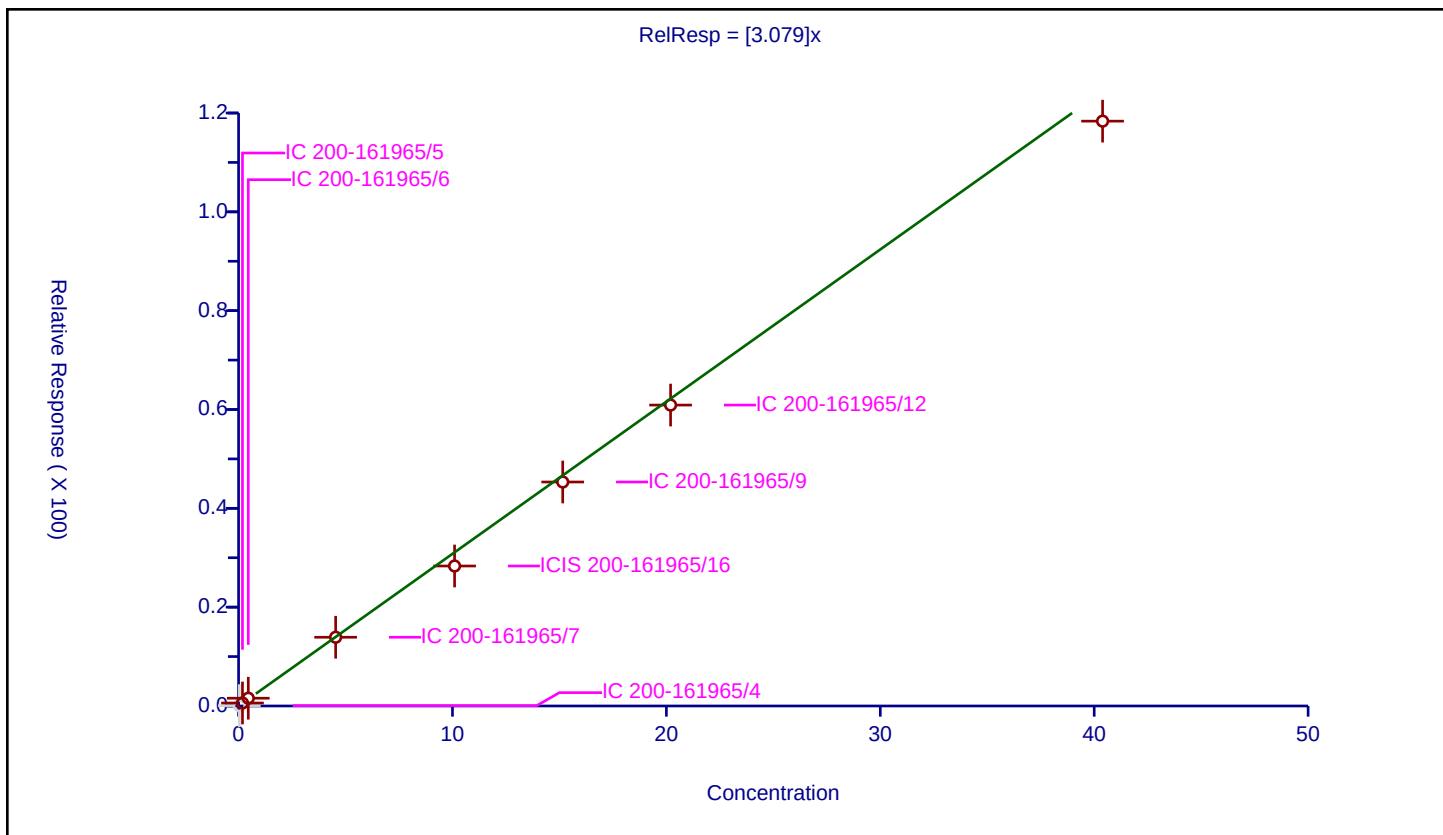
## Curve Coefficients

Intercept: 0  
 Slope: 3.079

## Error Coefficients

Standard Error: 5280000  
 Relative Standard Error: 7.2  
 Correlation Coefficient: 0.999  
 Coefficient of Determination (Adjusted): 0.993

| ID | Level              | Concentration | Rel. Resp. | IS Amount | IS Response | RRF      | Used |
|----|--------------------|---------------|------------|-----------|-------------|----------|------|
| 1  | IC 200-161965/4    | 0.035428      | 0.070586   | 10.0      | 913638.0    | 1.992394 | N    |
| 2  | IC 200-161965/5    | 0.1822        | 0.599373   | 10.0      | 854960.0    | 3.28965  | Y    |
| 3  | IC 200-161965/6    | 0.454911      | 1.573858   | 10.0      | 803789.0    | 3.459703 | Y    |
| 4  | IC 200-161965/7    | 4.53824       | 13.908141  | 10.0      | 779808.0    | 3.064656 | Y    |
| 5  | ICIS 200-161965/16 | 10.09804      | 28.326827  | 10.0      | 886083.0    | 2.805181 | Y    |
| 6  | IC 200-161965/9    | 15.153592     | 45.328136  | 10.0      | 825604.0    | 2.991247 | Y    |
| 7  | IC 200-161965/12   | 20.196081     | 60.898712  | 10.0      | 862746.0    | 3.015373 | Y    |
| 8  | IC 200-161965/13   | 40.392162     | 118.352533 | 10.0      | 919545.0    | 2.930087 | 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

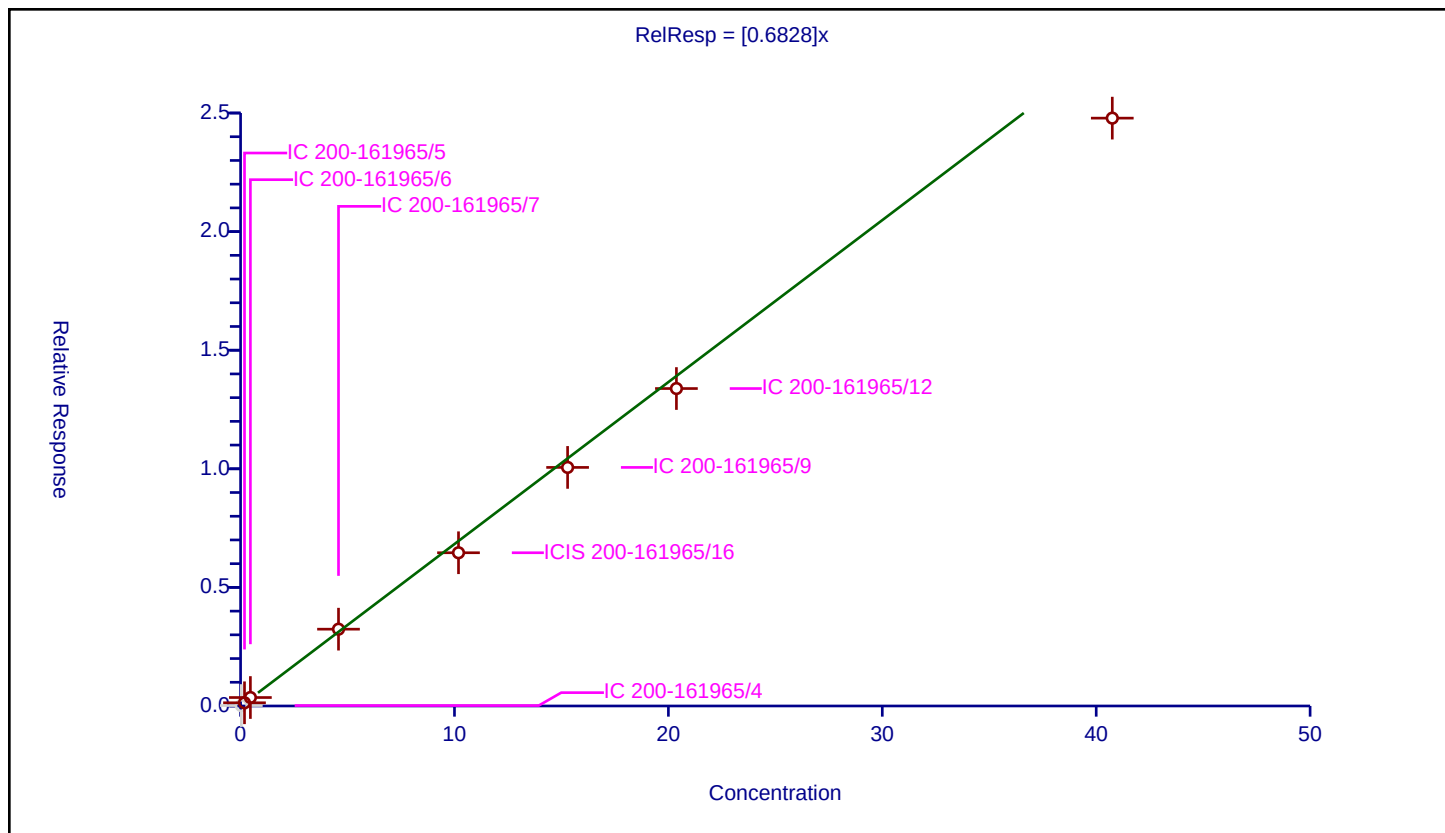
## Curve Coefficients

Intercept: 0  
 Slope: 0.6828

## Error Coefficients

Standard Error: 5590000  
 Relative Standard Error: 8.8  
 Correlation Coefficient: 0.999  
 Coefficient of Determination (Adjusted): 0.990

| ID | Level              | Concentration | Rel. Resp. | IS Amount | IS Response | RRF      | Used |
|----|--------------------|---------------|------------|-----------|-------------|----------|------|
| 1  | IC 200-161965/4    | 0.035743      | 0.018337   | 10.0      | 4288062.0   | 0.513016 | N    |
| 2  | IC 200-161965/5    | 0.183823      | 0.135525   | 10.0      | 4033586.0   | 0.737255 | Y    |
| 3  | IC 200-161965/6    | 0.458965      | 0.357142   | 10.0      | 3818030.0   | 0.778147 | Y    |
| 4  | IC 200-161965/7    | 4.578679      | 3.238146   | 10.0      | 3687141.0   | 0.707223 | Y    |
| 5  | ICIS 200-161965/16 | 10.188023     | 6.460325   | 10.0      | 4206765.0   | 0.63411  | Y    |
| 6  | IC 200-161965/9    | 15.288624     | 10.057989  | 10.0      | 4005439.0   | 0.657874 | Y    |
| 7  | IC 200-161965/12   | 20.376046     | 13.383486  | 10.0      | 4148248.0   | 0.656824 | Y    |
| 8  | IC 200-161965/13   | 40.752092     | 24.784409  | 10.0      | 4630760.0   | 0.608175 | Y    |



## Calibration

/ Cyclohexane

Curve Type: Average  
Weighting: Conc\_Sq  
Origin: Force  
Dependency: Response  
Calib Mode: ISTD  
Response Base: AREA  
RF Rounding: 0

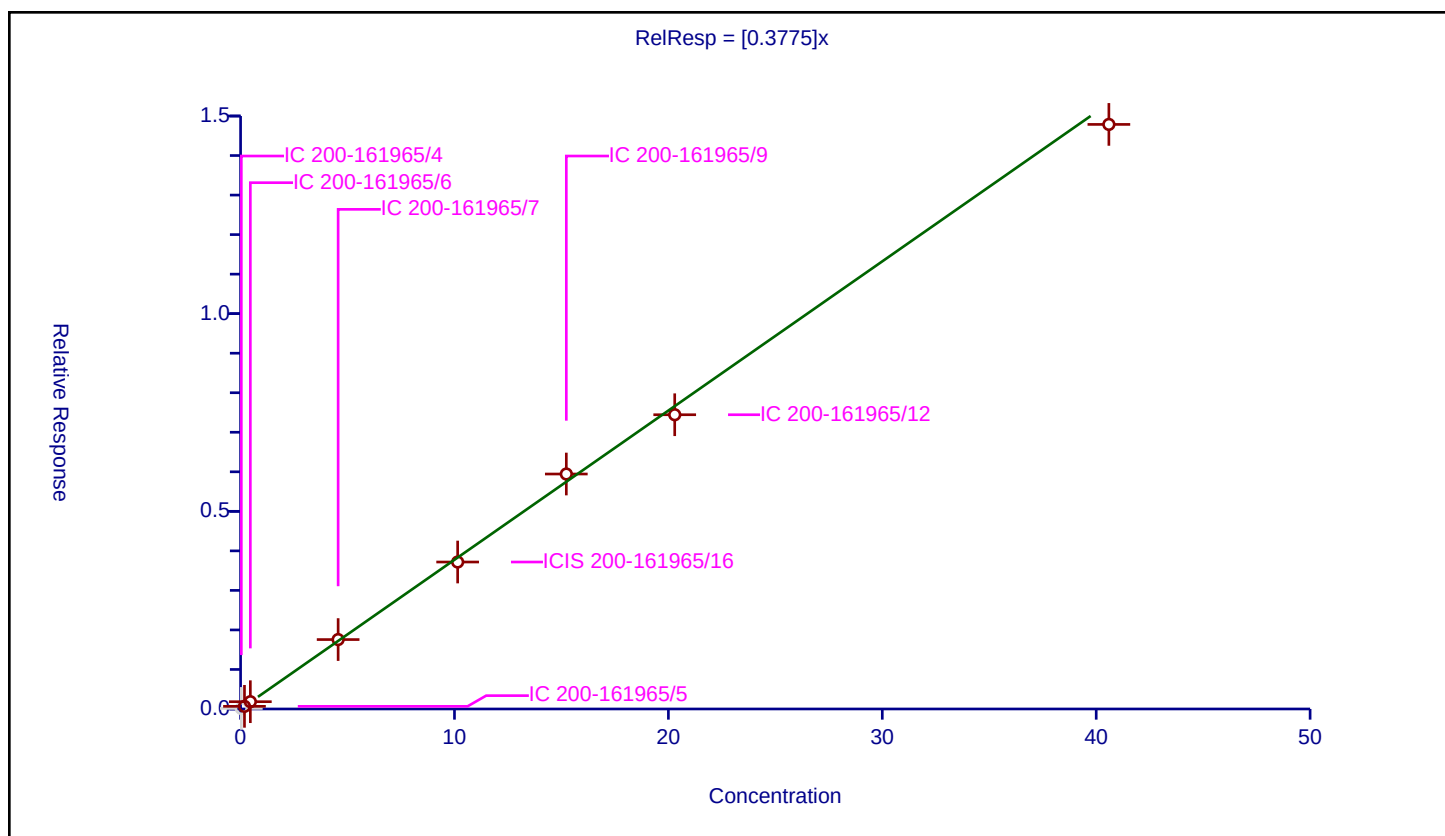
## Curve Coefficients

Intercept: 0  
Slope: 0.3775

## Error Coefficients

Standard Error: 3290000  
Relative Standard Error: 4.0  
Correlation Coefficient: 0.997  
Coefficient of Determination (Adjusted): 0.998

| ID | Level              | Concentration | Rel. Resp. | IS Amount | IS Response | RRF      | Used |
|----|--------------------|---------------|------------|-----------|-------------|----------|------|
| 1  | IC 200-161965/4    | 0.035603      | 0.014428   | 10.0      | 4288062.0   | 0.405258 | N    |
| 2  | IC 200-161965/5    | 0.183102      | 0.067126   | 10.0      | 4033586.0   | 0.366607 | Y    |
| 3  | IC 200-161965/6    | 0.457163      | 0.184166   | 10.0      | 3818030.0   | 0.402844 | Y    |
| 4  | IC 200-161965/7    | 4.560706      | 1.756114   | 10.0      | 3687141.0   | 0.385053 | Y    |
| 5  | ICIS 200-161965/16 | 10.148031     | 3.717538   | 10.0      | 4206765.0   | 0.366331 | Y    |
| 6  | IC 200-161965/9    | 15.22861      | 5.943973   | 10.0      | 4005439.0   | 0.390316 | Y    |
| 7  | IC 200-161965/12   | 20.296062     | 7.443434   | 10.0      | 4148248.0   | 0.366743 | Y    |
| 8  | IC 200-161965/13   | 40.592123     | 14.787532  | 10.0      | 4630760.0   | 0.364296 | Y    |



# Calibration

/ Carbon tetrachloride

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

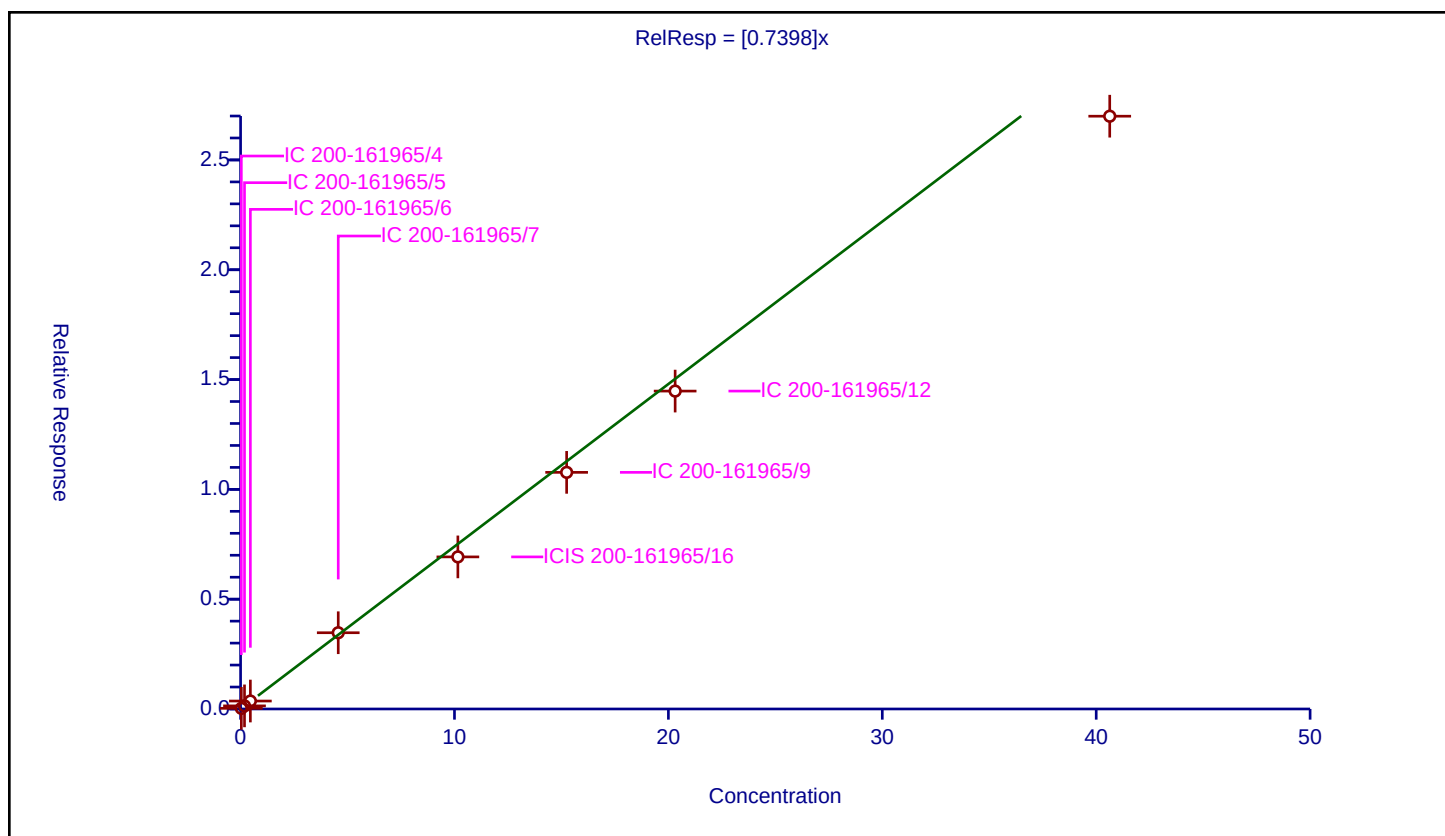
## Curve Coefficients

Intercept: 0  
 Slope: 0.7398

## Error Coefficients

Standard Error: 5620000  
 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 200-161965/4    | 0.035638      | 0.029554   | 10.0      | 4288062.0   | 0.829283 | Y    |
| 2  | IC 200-161965/5    | 0.183282      | 0.141561   | 10.0      | 4033586.0   | 0.772369 | Y    |
| 3  | IC 200-161965/6    | 0.457614      | 0.361969   | 10.0      | 3818030.0   | 0.790993 | Y    |
| 4  | IC 200-161965/7    | 4.5652        | 3.472384   | 10.0      | 3687141.0   | 0.76062  | Y    |
| 5  | ICIS 200-161965/16 | 10.158029     | 6.925602   | 10.0      | 4206765.0   | 0.681786 | Y    |
| 6  | IC 200-161965/9    | 15.243614     | 10.774652  | 10.0      | 4005439.0   | 0.706831 | Y    |
| 7  | IC 200-161965/12   | 20.316058     | 14.475371  | 10.0      | 4148248.0   | 0.712509 | Y    |
| 8  | IC 200-161965/13   | 40.632115     | 26.990913  | 10.0      | 4630760.0   | 0.664275 | Y    |



## Calibration

/ Benzene

Curve Type: Average  
Weighting: Conc\_Sq  
Origin: Force  
Dependency: Response  
Calib Mode: ISTD  
Response Base: AREA  
RF Rounding: 0

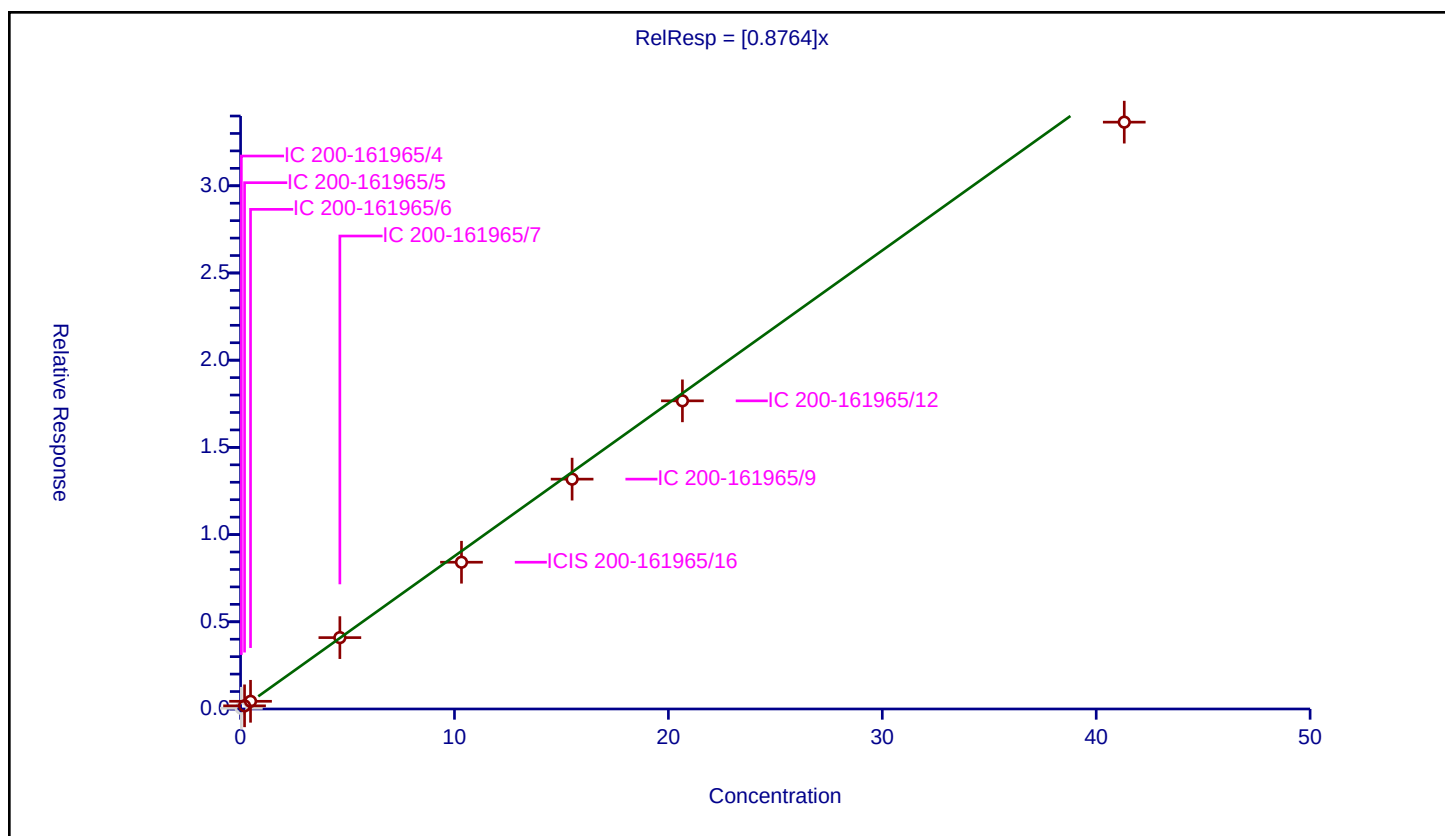
## Curve Coefficients

Intercept: 0  
Slope: 0.8764

## Error Coefficients

Standard Error: 7520000  
Relative Standard Error: 7.0  
Correlation Coefficient: 0.998  
Coefficient of Determination (Adjusted): 0.994

| ID | Level              | Concentration | Rel. Resp. | IS Amount | IS Response | RRF      | Used |
|----|--------------------|---------------|------------|-----------|-------------|----------|------|
| 1  | IC 200-161965/4    | 0.036234      | 0.041898   | 10.0      | 4288062.0   | 1.156294 | N    |
| 2  | IC 200-161965/5    | 0.186349      | 0.180519   | 10.0      | 4033586.0   | 0.968717 | Y    |
| 3  | IC 200-161965/6    | 0.465271      | 0.441699   | 10.0      | 3818030.0   | 0.949338 | Y    |
| 4  | IC 200-161965/7    | 4.641586      | 4.093017   | 10.0      | 3687141.0   | 0.881814 | Y    |
| 5  | ICIS 200-161965/16 | 10.327996     | 8.414901   | 10.0      | 4206765.0   | 0.814766 | Y    |
| 6  | IC 200-161965/9    | 15.498674     | 13.178905  | 10.0      | 4005439.0   | 0.850325 | Y    |
| 7  | IC 200-161965/12   | 20.655992     | 17.668654  | 10.0      | 4148248.0   | 0.855377 | Y    |
| 8  | IC 200-161965/13   | 41.311983     | 33.648837  | 10.0      | 4630760.0   | 0.814505 | Y    |



# Calibration

/ 1,2-Dichloroethane

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

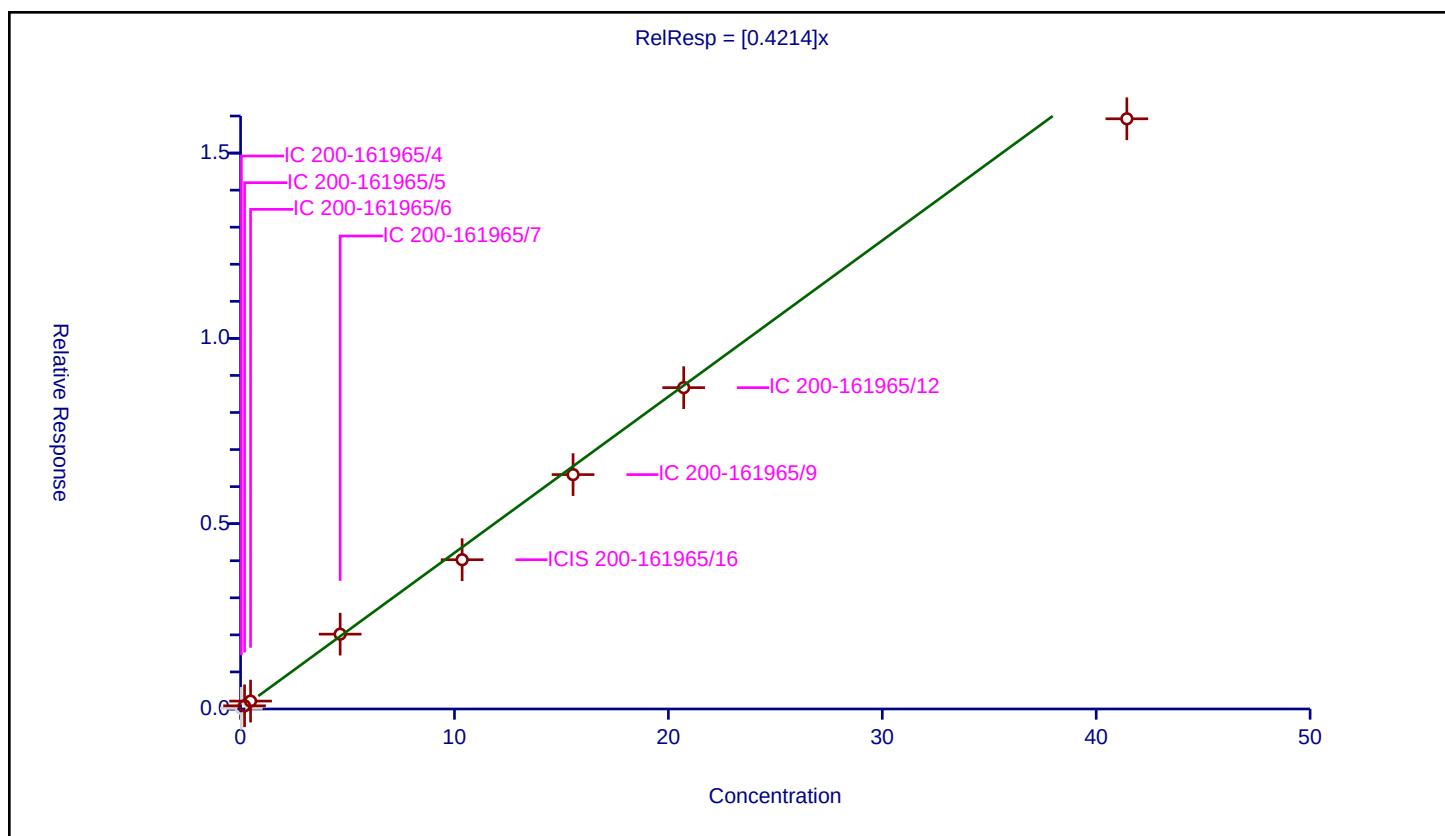
## Curve Coefficients

Intercept: 0  
 Slope: 0.4214

## Error Coefficients

Standard Error: 3590000  
 Relative Standard Error: 7.2  
 Correlation Coefficient: 0.999  
 Coefficient of Determination (Adjusted): 0.993

| ID | Level              | Concentration | Rel. Resp. | IS Amount | IS Response | RRF      | Used |
|----|--------------------|---------------|------------|-----------|-------------|----------|------|
| 1  | IC 200-161965/4    | 0.03634       | 0.016177   | 10.0      | 4288062.0   | 0.445173 | N    |
| 2  | IC 200-161965/5    | 0.18689       | 0.086102   | 10.0      | 4033586.0   | 0.46071  | Y    |
| 3  | IC 200-161965/6    | 0.466622      | 0.213123   | 10.0      | 3818030.0   | 0.456736 | Y    |
| 4  | IC 200-161965/7    | 4.655066      | 2.019239   | 10.0      | 3687141.0   | 0.433772 | Y    |
| 5  | ICIS 200-161965/16 | 10.35799      | 4.027577   | 10.0      | 4206765.0   | 0.388838 | Y    |
| 6  | IC 200-161965/9    | 15.543685     | 6.324395   | 10.0      | 4005439.0   | 0.406879 | Y    |
| 7  | IC 200-161965/12   | 20.71598      | 8.671039   | 10.0      | 4148248.0   | 0.418568 | Y    |
| 8  | IC 200-161965/13   | 41.43196      | 15.924978  | 10.0      | 4630760.0   | 0.384365 | Y    |





## Calibration

/ Isooctane

Curve Type: Average  
Weighting: Conc\_Sq  
Origin: Force  
Dependency: Response  
Calib Mode: ISTD  
Response Base: AREA  
RF Rounding: 0

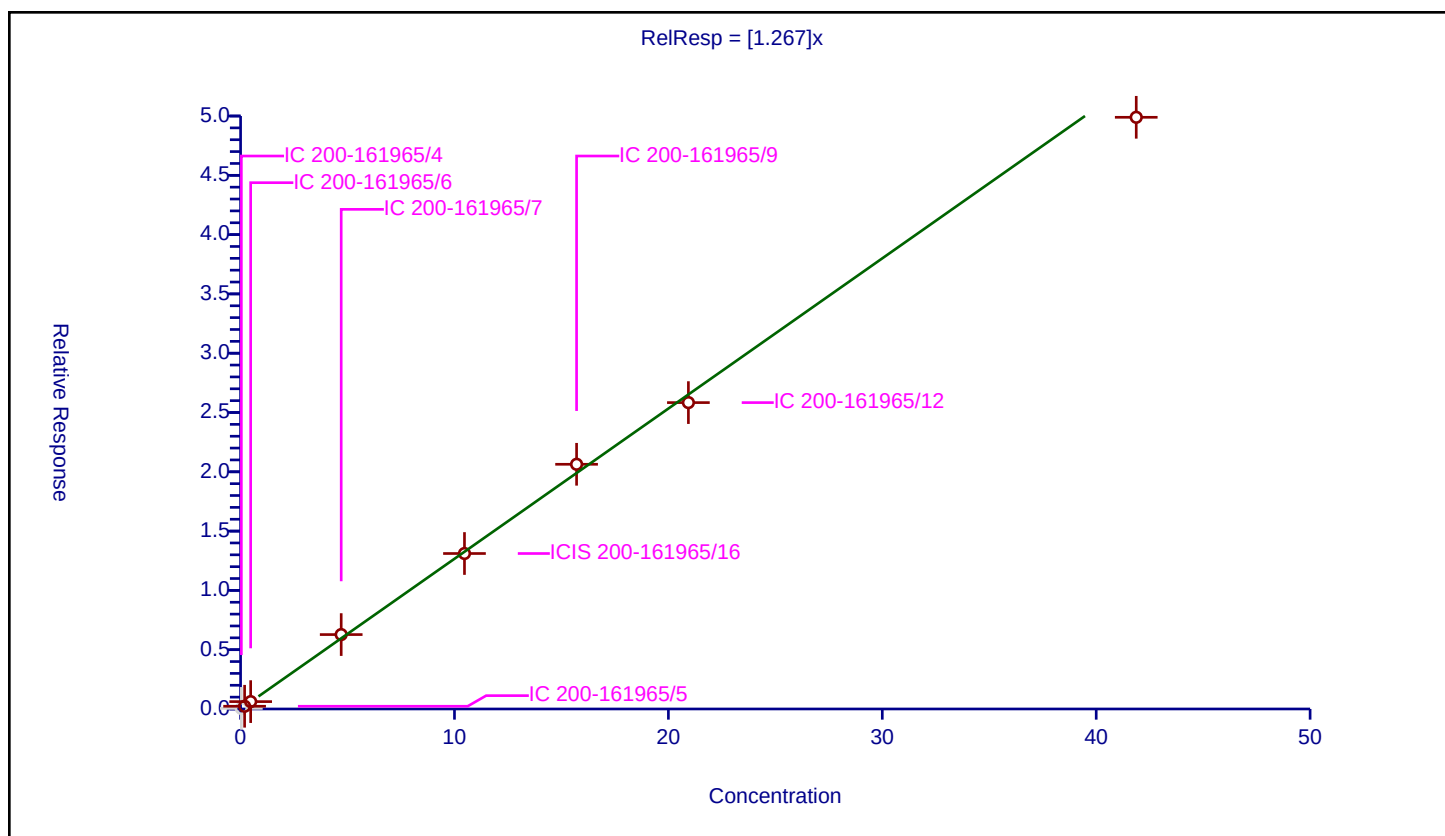
## Curve Coefficients

Intercept: 0  
Slope: 1.267

## Error Coefficients

Standard Error: 11200000  
Relative Standard Error: 4.3  
Correlation Coefficient: 0.999  
Coefficient of Determination (Adjusted): 0.998

| ID | Level              | Concentration | Rel. Resp. | IS Amount | IS Response | RRF      | Used |
|----|--------------------|---------------|------------|-----------|-------------|----------|------|
| 1  | IC 200-161965/4    | 0.036726      | 0.050629   | 10.0      | 4288062.0   | 1.378575 | N    |
| 2  | IC 200-161965/5    | 0.188874      | 0.231      | 10.0      | 4033586.0   | 1.223038 | Y    |
| 3  | IC 200-161965/6    | 0.471576      | 0.62159    | 10.0      | 3818030.0   | 1.318111 | Y    |
| 4  | IC 200-161965/7    | 4.704492      | 6.275016   | 10.0      | 3687141.0   | 1.333835 | Y    |
| 5  | ICIS 200-161965/16 | 10.467969     | 13.109501  | 10.0      | 4206765.0   | 1.252344 | Y    |
| 6  | IC 200-161965/9    | 15.708724     | 20.632964  | 10.0      | 4005439.0   | 1.313472 | Y    |
| 7  | IC 200-161965/12   | 20.935937     | 25.835119  | 10.0      | 4148248.0   | 1.234008 | Y    |
| 8  | IC 200-161965/13   | 41.871875     | 49.891605  | 10.0      | 4630760.0   | 1.19153  | Y    |



## Calibration

/ n-Heptane

Curve Type: Average  
Weighting: Conc\_Sq  
Origin: Force  
Dependency: Response  
Calib Mode: ISTD  
Response Base: AREA  
RF Rounding: 0

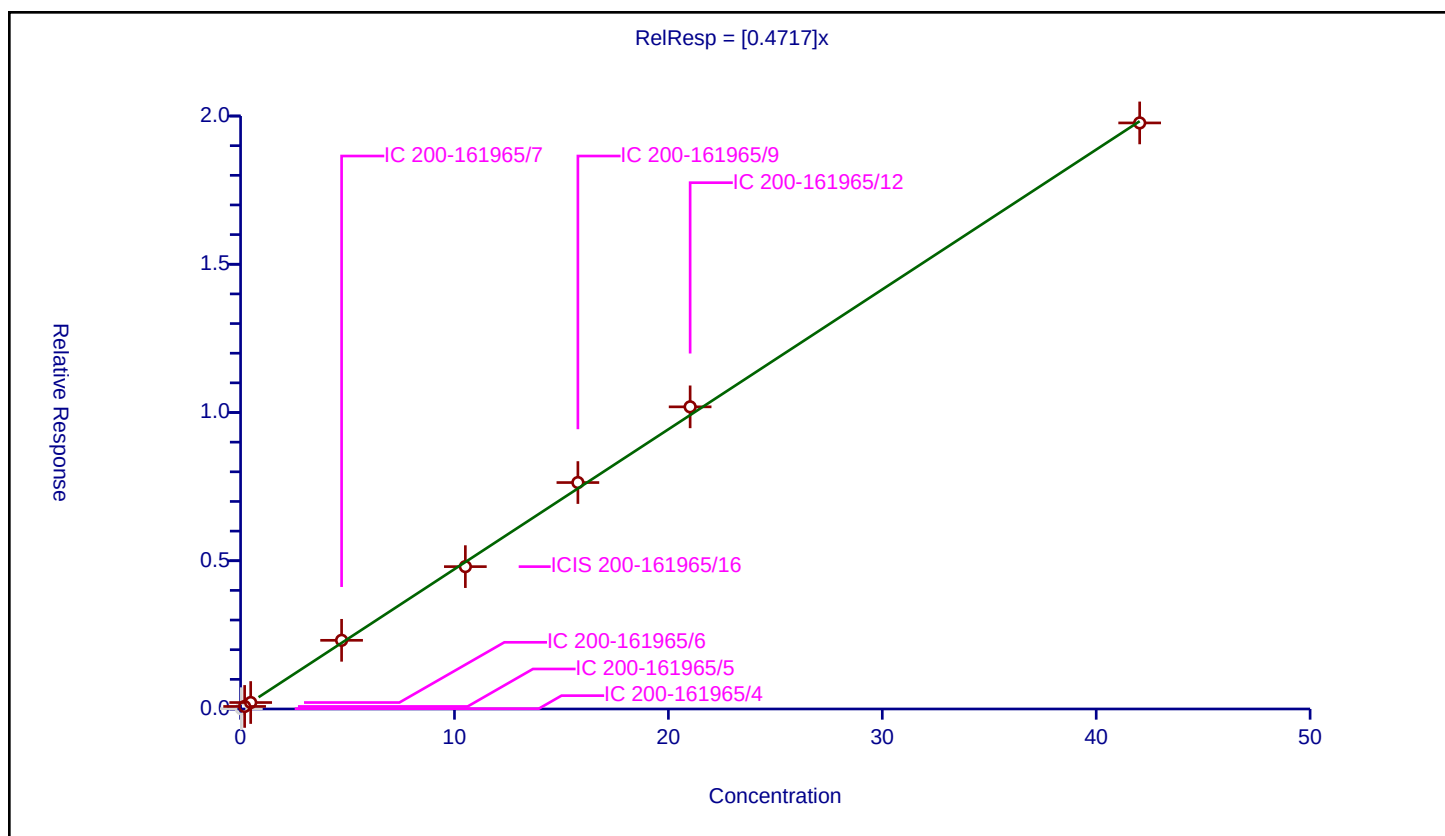
## Curve Coefficients

Intercept: 0  
Slope: 0.4717

## Error Coefficients

Standard Error: 4390000  
Relative Standard Error: 3.2  
Correlation Coefficient: 0.997  
Coefficient of Determination (Adjusted): 0.999

| ID | Level              | Concentration | Rel. Resp. | IS Amount | IS Response | RRF      | Used |
|----|--------------------|---------------|------------|-----------|-------------|----------|------|
| 1  | IC 200-161965/4    | 0.036866      | 0.010284   | 10.0      | 4288062.0   | 0.278967 | N    |
| 2  | IC 200-161965/5    | 0.189596      | 0.086137   | 10.0      | 4033586.0   | 0.454318 | Y    |
| 3  | IC 200-161965/6    | 0.473378      | 0.21794    | 10.0      | 3818030.0   | 0.460392 | Y    |
| 4  | IC 200-161965/7    | 4.722465      | 2.316028   | 10.0      | 3687141.0   | 0.490428 | Y    |
| 5  | ICIS 200-161965/16 | 10.507961     | 4.801538   | 10.0      | 4206765.0   | 0.456943 | Y    |
| 6  | IC 200-161965/9    | 15.768738     | 7.637393   | 10.0      | 4005439.0   | 0.484338 | Y    |
| 7  | IC 200-161965/12   | 21.015922     | 10.191146  | 10.0      | 4148248.0   | 0.484925 | Y    |
| 8  | IC 200-161965/13   | 42.031844     | 19.766777  | 10.0      | 4630760.0   | 0.470281 | Y    |



## Calibration

/ n-Butanol

Curve Type: Average  
Weighting: Conc\_Sq  
Origin: Force  
Dependency: Response  
Calib Mode: ISTD  
Response Base: AREA  
RF Rounding: 0

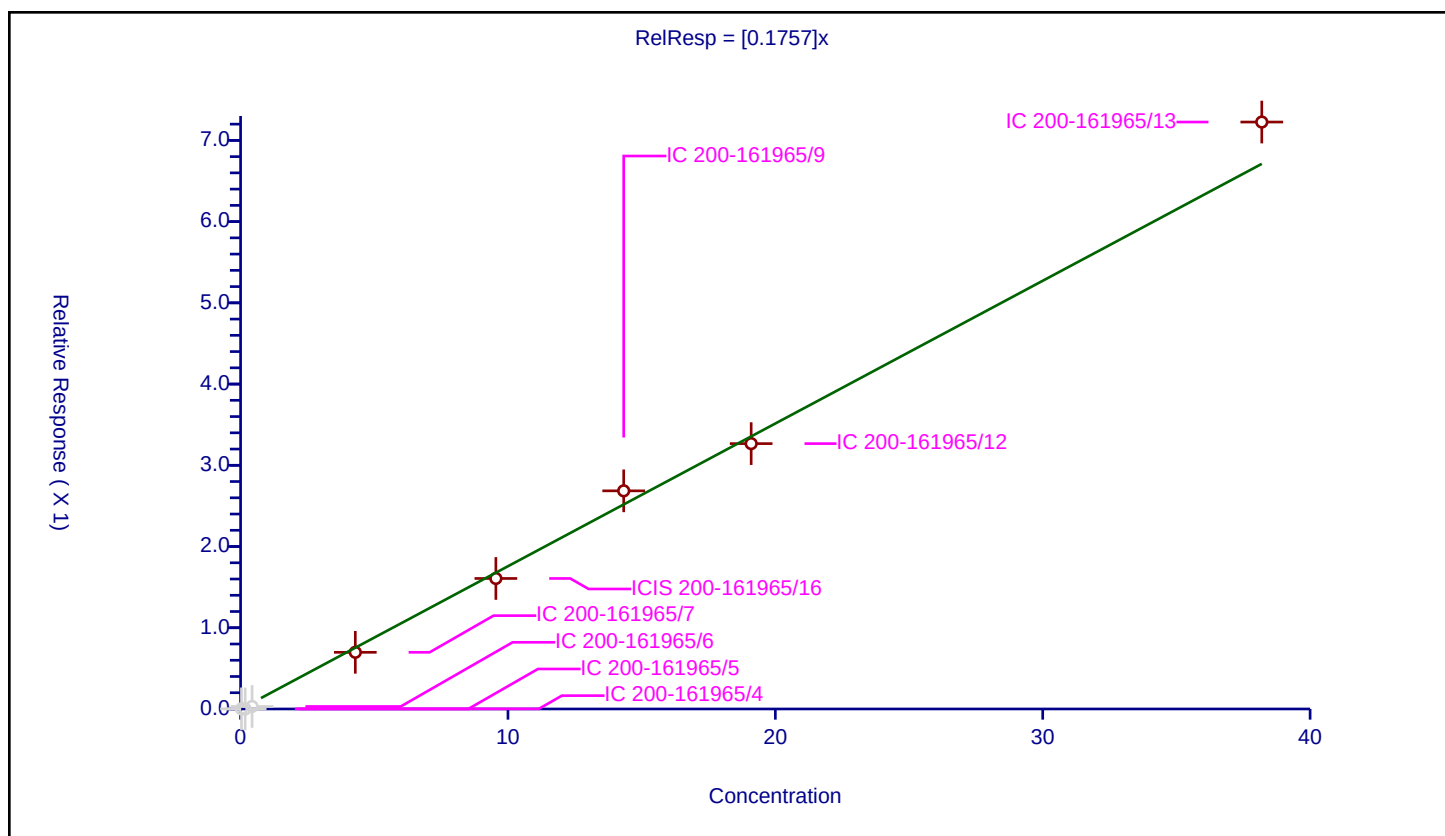
## Curve Coefficients

Intercept: 0  
Slope: 0.1757

## Error Coefficients

Standard Error: 1920000  
Relative Standard Error: 6.8  
Correlation Coefficient: 0.993  
Coefficient of Determination (Adjusted): 0.991

| ID | Level              | Concentration | Rel. Resp. | IS Amount | IS Response | RRF      | Used |
|----|--------------------|---------------|------------|-----------|-------------|----------|------|
| 1  | IC 200-161965/4    | 0.033498      | 0.001793   | 10.0      | 4288062.0   | 0.053535 | N    |
| 2  | IC 200-161965/5    | 0.172278      | 0.0        | 10.0      | 4033586.0   | 0.0      | N    |
| 3  | IC 200-161965/6    | 0.430139      | 0.030945   | 10.0      | 3818030.0   | 0.071943 | N    |
| 4  | IC 200-161965/7    | 4.291108      | 0.697798   | 10.0      | 3687141.0   | 0.162615 | Y    |
| 5  | ICIS 200-161965/16 | 9.548147      | 1.606667   | 10.0      | 4206765.0   | 0.16827  | Y    |
| 6  | IC 200-161965/9    | 14.328397     | 2.685678   | 10.0      | 4005439.0   | 0.187437 | Y    |
| 7  | IC 200-161965/12   | 19.096294     | 3.266979   | 10.0      | 4148248.0   | 0.171079 | Y    |
| 8  | IC 200-161965/13   | 38.192589     | 7.22574    | 10.0      | 4630760.0   | 0.189192 | Y    |



## Calibration

/ Trichloroethene

Curve Type: Average  
Weighting: Conc\_Sq  
Origin: Force  
Dependency: Response  
Calib Mode: ISTD  
Response Base: AREA  
RF Rounding: 0

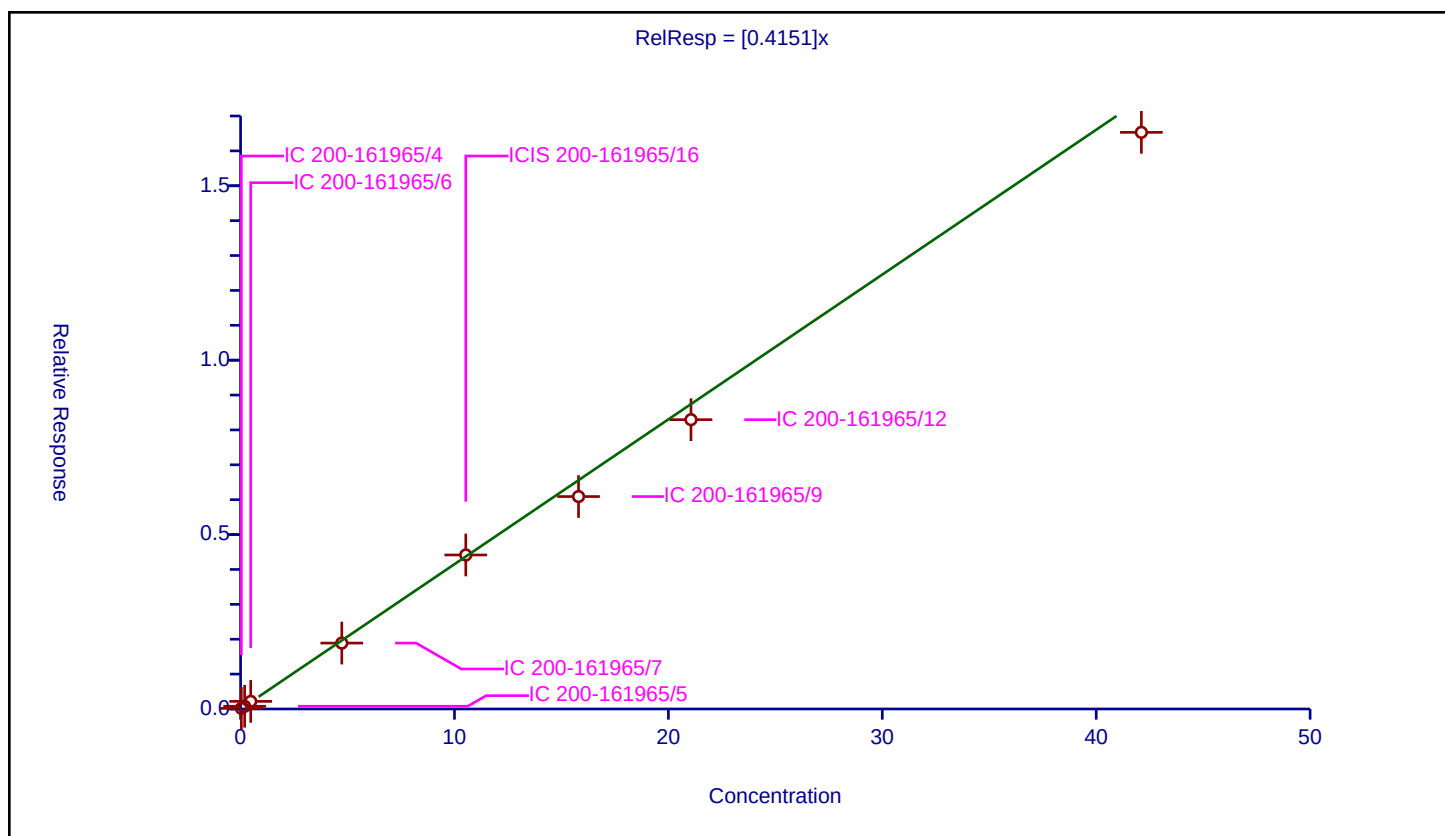
## Curve Coefficients

Intercept: 0  
Slope: 0.4151

## Error Coefficients

Standard Error: 3390000  
Relative Standard Error: 7.1  
Correlation Coefficient: 0.995  
Coefficient of Determination (Adjusted): 0.994

| ID | Level              | Concentration | Rel. Resp. | IS Amount | IS Response | RRF      | Used |
|----|--------------------|---------------|------------|-----------|-------------|----------|------|
| 1  | IC 200-161965/4    | 0.036936      | 0.016945   | 10.0      | 4288062.0   | 0.458759 | Y    |
| 2  | IC 200-161965/5    | 0.189957      | 0.078052   | 10.0      | 4033586.0   | 0.410894 | Y    |
| 3  | IC 200-161965/6    | 0.474279      | 0.218526   | 10.0      | 3818030.0   | 0.460755 | Y    |
| 4  | IC 200-161965/7    | 4.731452      | 1.889521   | 10.0      | 3687141.0   | 0.399353 | Y    |
| 5  | ICIS 200-161965/16 | 10.527957     | 4.415666   | 10.0      | 4206765.0   | 0.419423 | Y    |
| 6  | IC 200-161965/9    | 15.798745     | 6.090591   | 10.0      | 4005439.0   | 0.385511 | Y    |
| 7  | IC 200-161965/12   | 21.055914     | 8.294723   | 10.0      | 4148248.0   | 0.393938 | Y    |
| 8  | IC 200-161965/13   | 42.111828     | 16.531358  | 10.0      | 4630760.0   | 0.392559 | Y    |



## Calibration

/ 1,2-Dichloropropane

Curve Type: Average  
Weighting: Conc\_Sq  
Origin: Force  
Dependency: Response  
Calib Mode: ISTD  
Response Base: AREA  
RF Rounding: 0

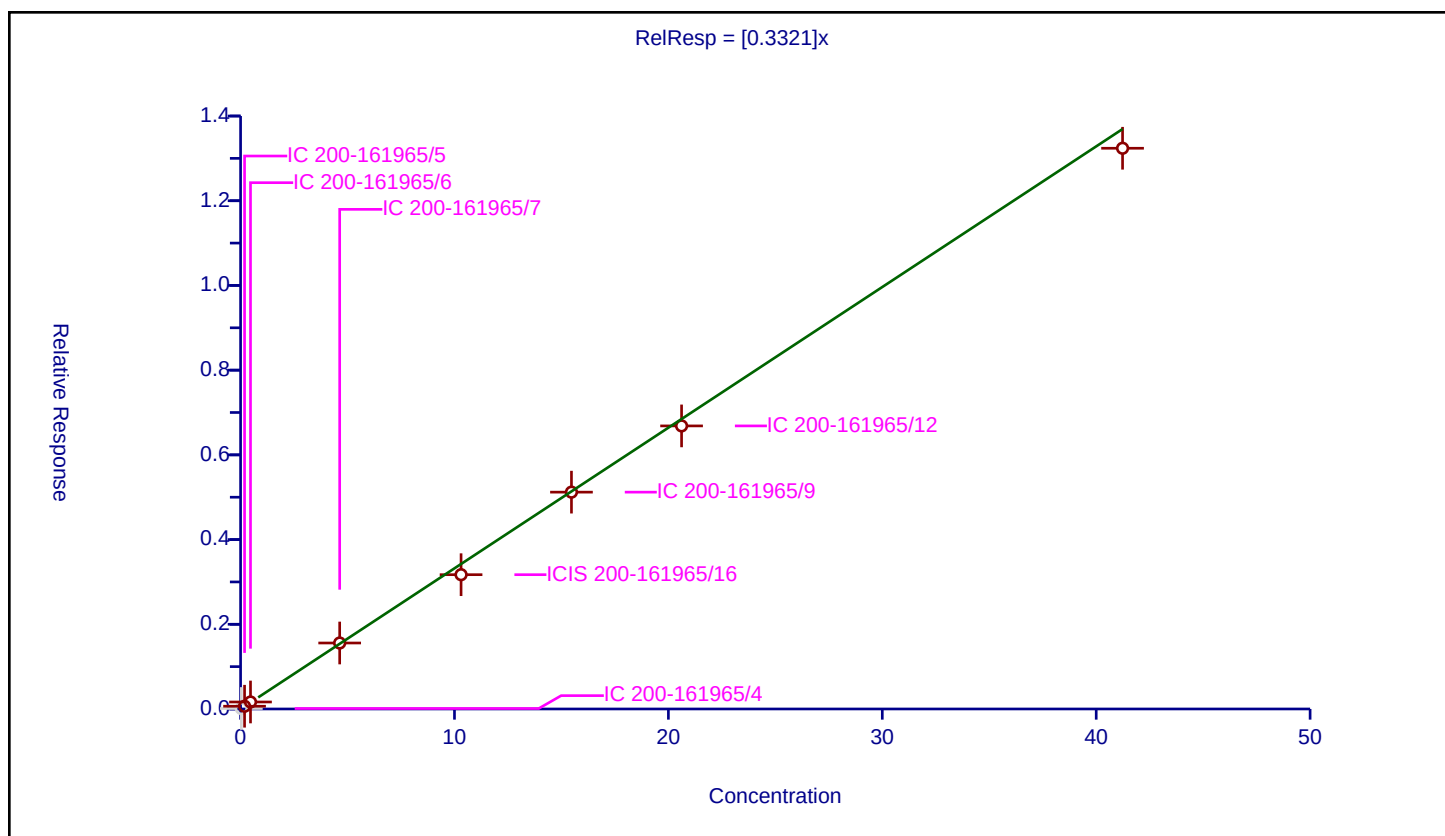
## Curve Coefficients

Intercept: 0  
Slope: 0.3321

## Error Coefficients

Standard Error: 2930000  
Relative Standard Error: 5.0  
Correlation Coefficient: 0.997  
Coefficient of Determination (Adjusted): 0.997

| ID | Level              | Concentration | Rel. Resp. | IS Amount | IS Response | RRF      | Used |
|----|--------------------|---------------|------------|-----------|-------------|----------|------|
| 1  | IC 200-161965/4    | 0.036164      | 0.011555   | 10.0      | 4288062.0   | 0.319523 | N    |
| 2  | IC 200-161965/5    | 0.185988      | 0.064908   | 10.0      | 4033586.0   | 0.348988 | Y    |
| 3  | IC 200-161965/6    | 0.46437       | 0.165022   | 10.0      | 3818030.0   | 0.355368 | Y    |
| 4  | IC 200-161965/7    | 4.632599      | 1.557898   | 10.0      | 3687141.0   | 0.33629  | Y    |
| 5  | ICIS 200-161965/16 | 10.308        | 3.171244   | 10.0      | 4206765.0   | 0.307649 | Y    |
| 6  | IC 200-161965/9    | 15.468667     | 5.119584   | 10.0      | 4005439.0   | 0.330965 | Y    |
| 7  | IC 200-161965/12   | 20.615999     | 6.683759   | 10.0      | 4148248.0   | 0.324203 | Y    |
| 8  | IC 200-161965/13   | 41.231999     | 13.238933  | 10.0      | 4630760.0   | 0.321084 | Y    |



## Calibration

/ Methyl methacrylate

Curve Type: Average  
Weighting: Conc\_Sq  
Origin: Force  
Dependency: Response  
Calib Mode: ISTD  
Response Base: AREA  
RF Rounding: 0

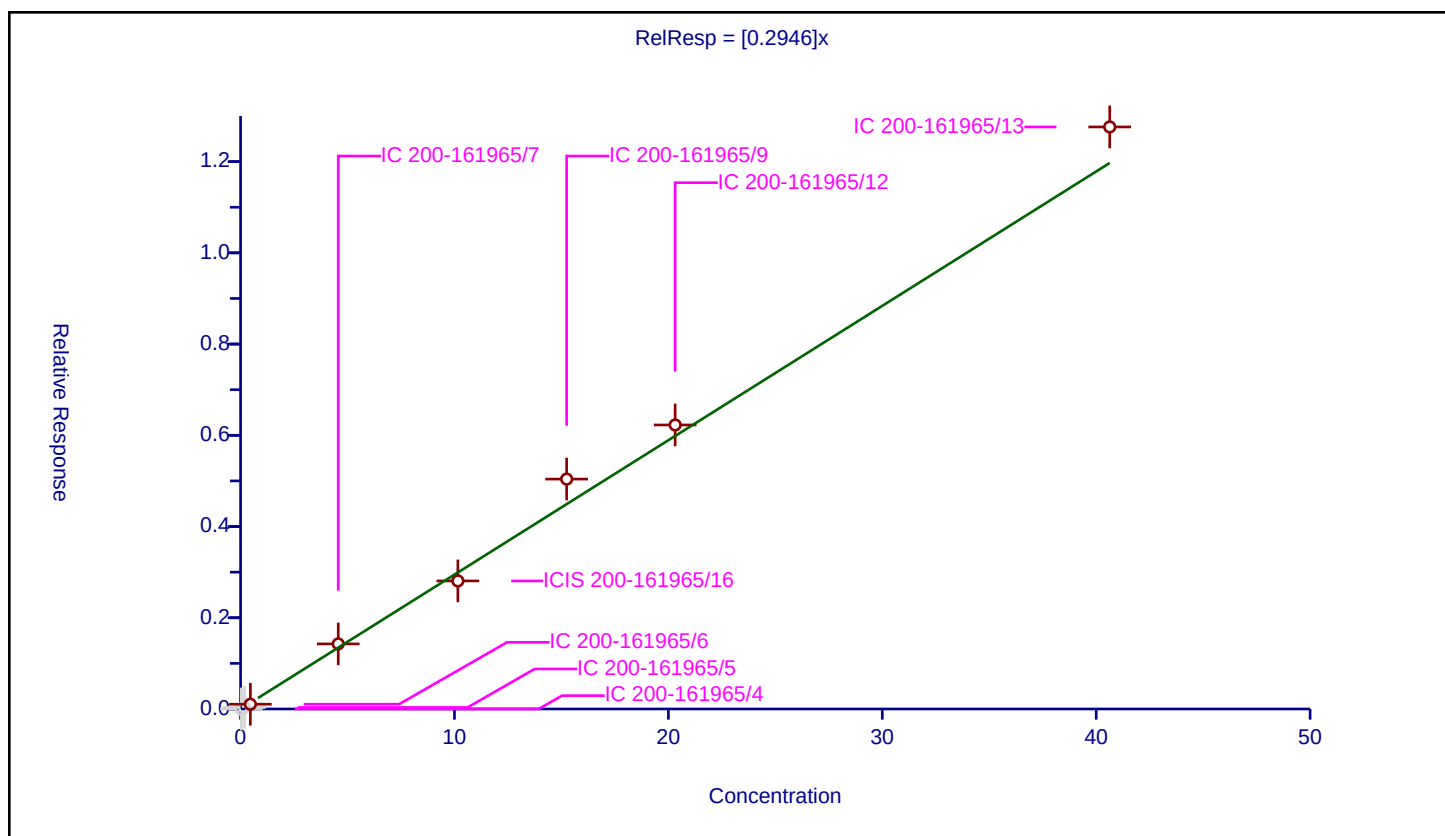
## Curve Coefficients

Intercept: 0  
Slope: 0.2946

## Error Coefficients

Standard Error: 3080000  
Relative Standard Error: 12.7  
Correlation Coefficient: 0.995  
Coefficient of Determination (Adjusted): 0.984

| ID | Level              | Concentration | Rel. Resp. | IS Amount | IS Response | RRF      | Used |
|----|--------------------|---------------|------------|-----------|-------------|----------|------|
| 1  | IC 200-161965/4    | 0.035638      | 0.0        | 10.0      | 4288062.0   | 0.0      | N    |
| 2  | IC 200-161965/5    | 0.183282      | 0.033724   | 10.0      | 4033586.0   | 0.184002 | N    |
| 3  | IC 200-161965/6    | 0.457614      | 0.104143   | 10.0      | 3818030.0   | 0.227578 | Y    |
| 4  | IC 200-161965/7    | 4.5652        | 1.426729   | 10.0      | 3687141.0   | 0.312523 | Y    |
| 5  | ICIS 200-161965/16 | 10.158029     | 2.807492   | 10.0      | 4206765.0   | 0.276382 | Y    |
| 6  | IC 200-161965/9    | 15.243614     | 5.040212   | 10.0      | 4005439.0   | 0.330644 | Y    |
| 7  | IC 200-161965/12   | 20.316058     | 6.226472   | 10.0      | 4148248.0   | 0.30648  | Y    |
| 8  | IC 200-161965/13   | 40.632115     | 12.760443  | 10.0      | 4630760.0   | 0.314048 | Y    |



## Calibration

/ 1,4-Dioxane

Curve Type: Average  
Weighting: Conc\_Sq  
Origin: Force  
Dependency: Response  
Calib Mode: ISTD  
Response Base: AREA  
RF Rounding: 0

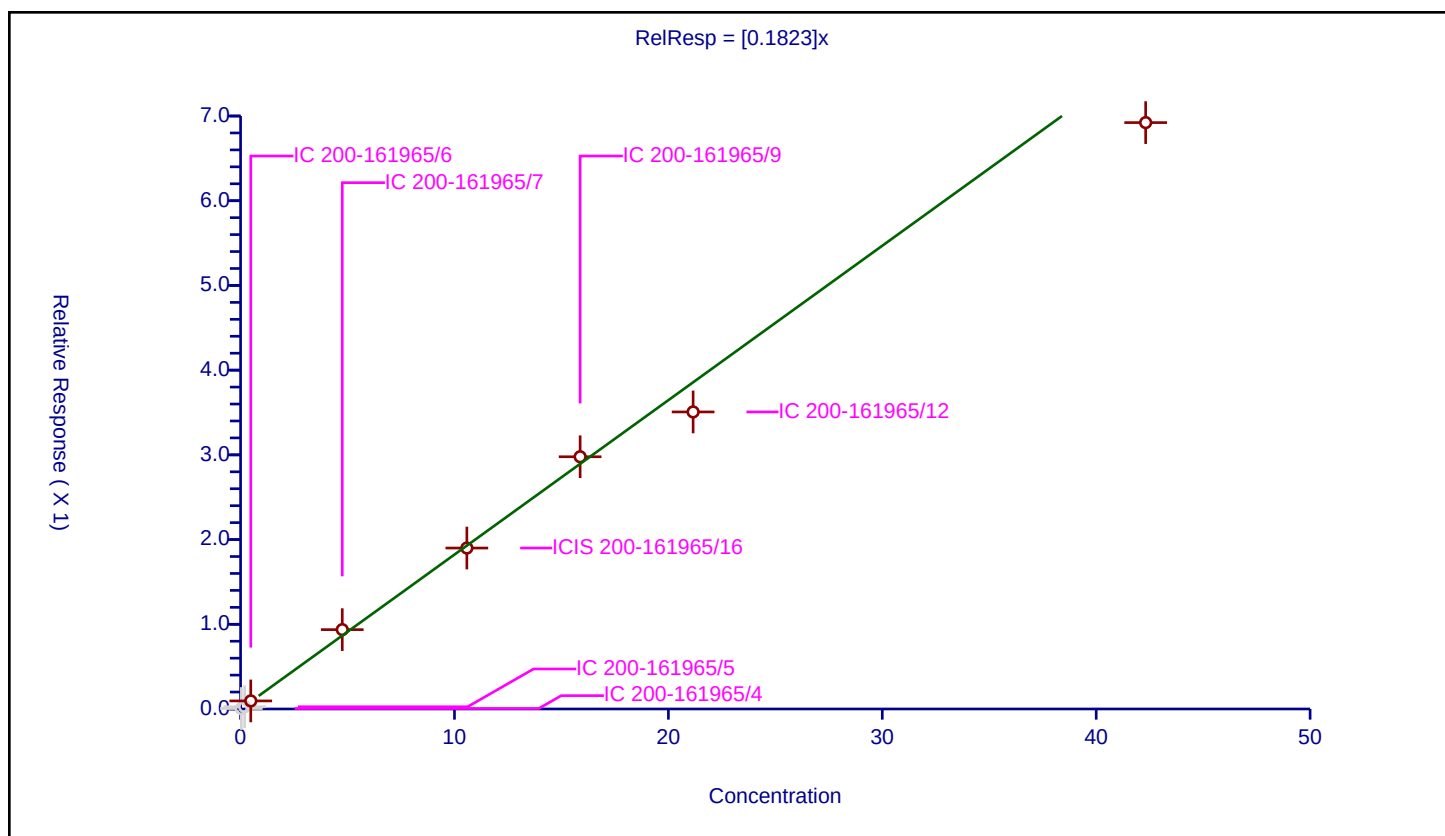
## Curve Coefficients

Intercept: 0  
Slope: 0.1823

## Error Coefficients

Standard Error: 1710000  
Relative Standard Error: 8.5  
Correlation Coefficient: 0.997  
Coefficient of Determination (Adjusted): 0.992

| ID | Level              | Concentration | Rel. Resp. | IS Amount | IS Response | RRF      | Used |
|----|--------------------|---------------|------------|-----------|-------------|----------|------|
| 1  | IC 200-161965/4    | 0.037111      | 0.005364   | 10.0      | 4288062.0   | 0.14453  | N    |
| 2  | IC 200-161965/5    | 0.190859      | 0.026624   | 10.0      | 4033586.0   | 0.139496 | N    |
| 3  | IC 200-161965/6    | 0.476531      | 0.095379   | 10.0      | 3818030.0   | 0.200153 | Y    |
| 4  | IC 200-161965/7    | 4.753918      | 0.936682   | 10.0      | 3687141.0   | 0.197034 | Y    |
| 5  | ICIS 200-161965/16 | 10.577947     | 1.89998    | 10.0      | 4206765.0   | 0.179617 | Y    |
| 6  | IC 200-161965/9    | 15.873763     | 2.977564   | 10.0      | 4005439.0   | 0.187578 | Y    |
| 7  | IC 200-161965/12   | 21.155895     | 3.506656   | 10.0      | 4148248.0   | 0.165753 | Y    |
| 8  | IC 200-161965/13   | 42.311789     | 6.922348   | 10.0      | 4630760.0   | 0.163603 | Y    |



## Calibration

/ Dibromomethane

Curve Type: Average  
Weighting: Conc\_Sq  
Origin: Force  
Dependency: Response  
Calib Mode: ISTD  
Response Base: AREA  
RF Rounding: 0

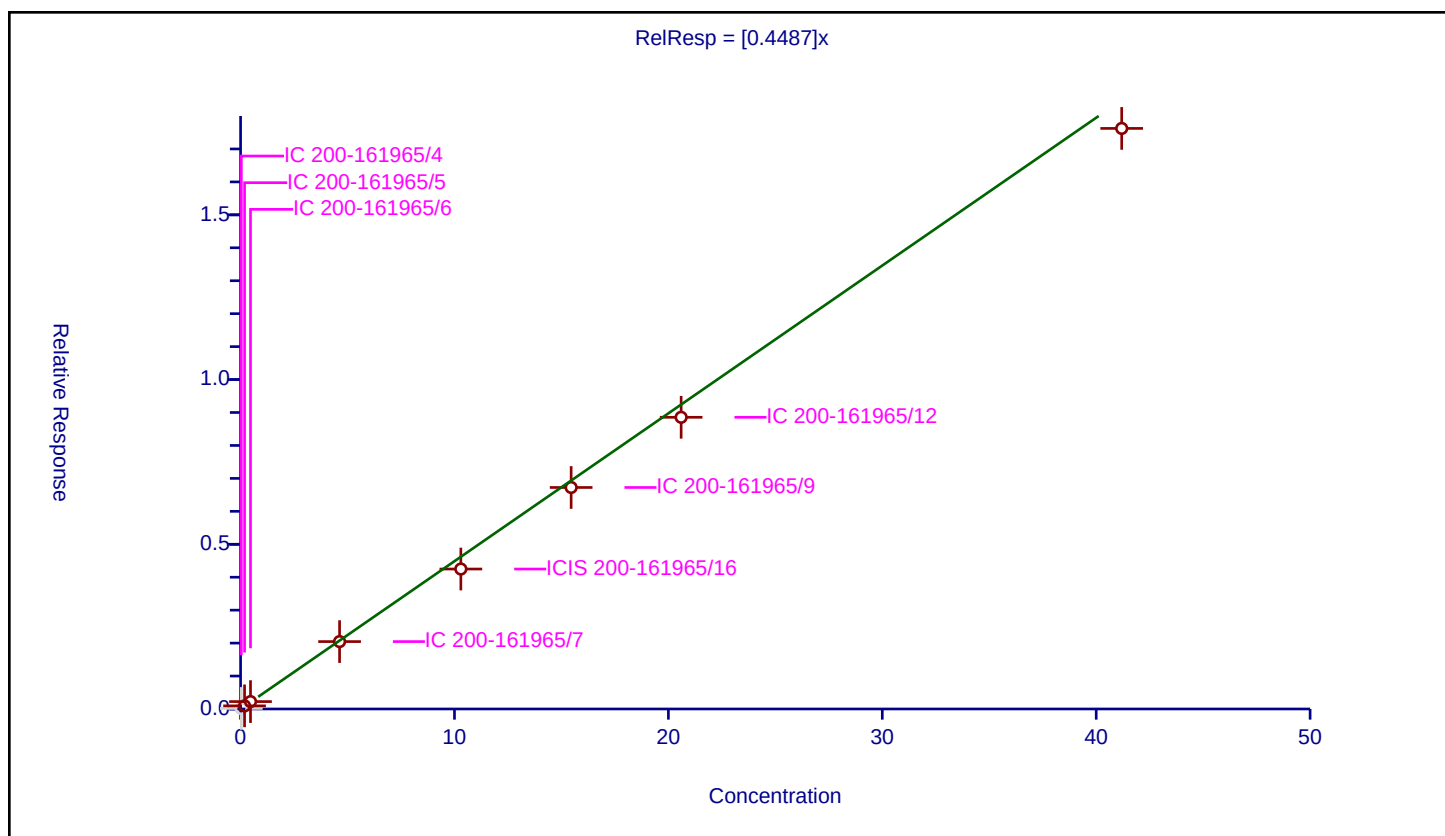
## Curve Coefficients

Intercept: 0  
Slope: 0.4487

## Error Coefficients

Standard Error: 3900000  
Relative Standard Error: 7.8  
Correlation Coefficient: 0.996  
Coefficient of Determination (Adjusted): 0.992

| ID | Level              | Concentration | Rel. Resp. | IS Amount | IS Response | RRF      | Used |
|----|--------------------|---------------|------------|-----------|-------------|----------|------|
| 1  | IC 200-161965/4    | 0.036129      | 0.016705   | 10.0      | 4288062.0   | 0.462354 | N    |
| 2  | IC 200-161965/5    | 0.185808      | 0.094759   | 10.0      | 4033586.0   | 0.509987 | Y    |
| 3  | IC 200-161965/6    | 0.46392       | 0.224236   | 10.0      | 3818030.0   | 0.483351 | Y    |
| 4  | IC 200-161965/7    | 4.628106      | 2.046312   | 10.0      | 3687141.0   | 0.442149 | Y    |
| 5  | ICIS 200-161965/16 | 10.298002     | 4.248792   | 10.0      | 4206765.0   | 0.412584 | Y    |
| 6  | IC 200-161965/9    | 15.453664     | 6.72374    | 10.0      | 4005439.0   | 0.43509  | Y    |
| 7  | IC 200-161965/12   | 20.596003     | 8.854772   | 10.0      | 4148248.0   | 0.429927 | Y    |
| 8  | IC 200-161965/13   | 41.192007     | 17.623472  | 10.0      | 4630760.0   | 0.427837 | Y    |





## Calibration

/ Dichlorobromomethane

Curve Type: Average  
Weighting: Conc\_Sq  
Origin: Force  
Dependency: Response  
Calib Mode: ISTD  
Response Base: AREA  
RF Rounding: 0

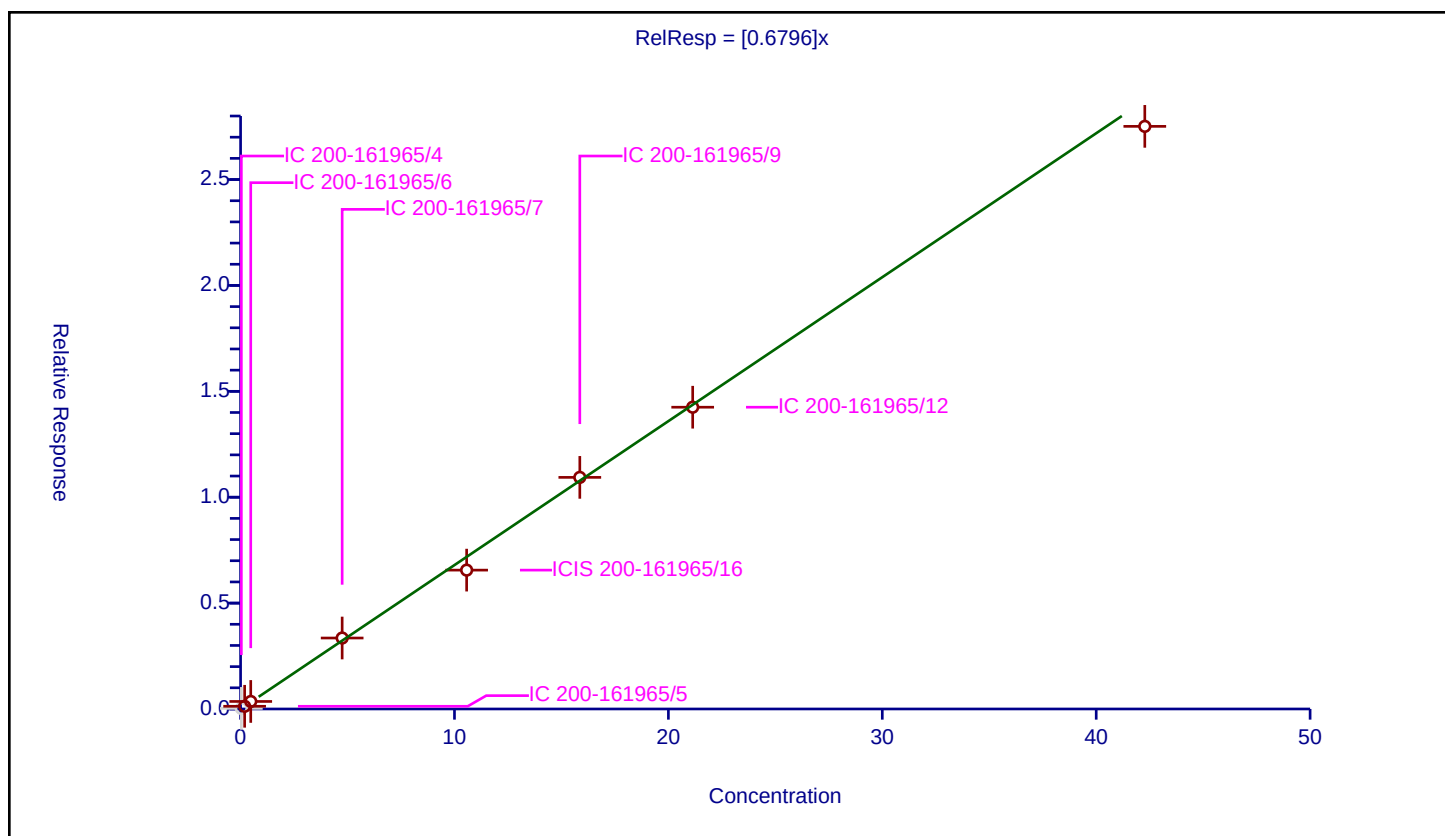
## Curve Coefficients

Intercept: 0  
Slope: 0.6796

## Error Coefficients

Standard Error: 6130000  
Relative Standard Error: 6.0  
Correlation Coefficient: 0.998  
Coefficient of Determination (Adjusted): 0.996

| ID | Level              | Concentration | Rel. Resp. | IS Amount | IS Response | RRF      | Used |
|----|--------------------|---------------|------------|-----------|-------------|----------|------|
| 1  | IC 200-161965/4    | 0.037076      | 0.028141   | 10.0      | 4288062.0   | 0.759    | N    |
| 2  | IC 200-161965/5    | 0.190678      | 0.127638   | 10.0      | 4033586.0   | 0.669391 | Y    |
| 3  | IC 200-161965/6    | 0.476081      | 0.355848   | 10.0      | 3818030.0   | 0.747454 | Y    |
| 4  | IC 200-161965/7    | 4.749425      | 3.350913   | 10.0      | 3687141.0   | 0.705541 | Y    |
| 5  | ICIS 200-161965/16 | 10.567949     | 6.55745    | 10.0      | 4206765.0   | 0.620504 | Y    |
| 6  | IC 200-161965/9    | 15.85876      | 10.936222  | 10.0      | 4005439.0   | 0.689601 | Y    |
| 7  | IC 200-161965/12   | 21.135899     | 14.249264  | 10.0      | 4148248.0   | 0.674174 | Y    |
| 8  | IC 200-161965/13   | 42.271797     | 27.511605  | 10.0      | 4630760.0   | 0.650826 | 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

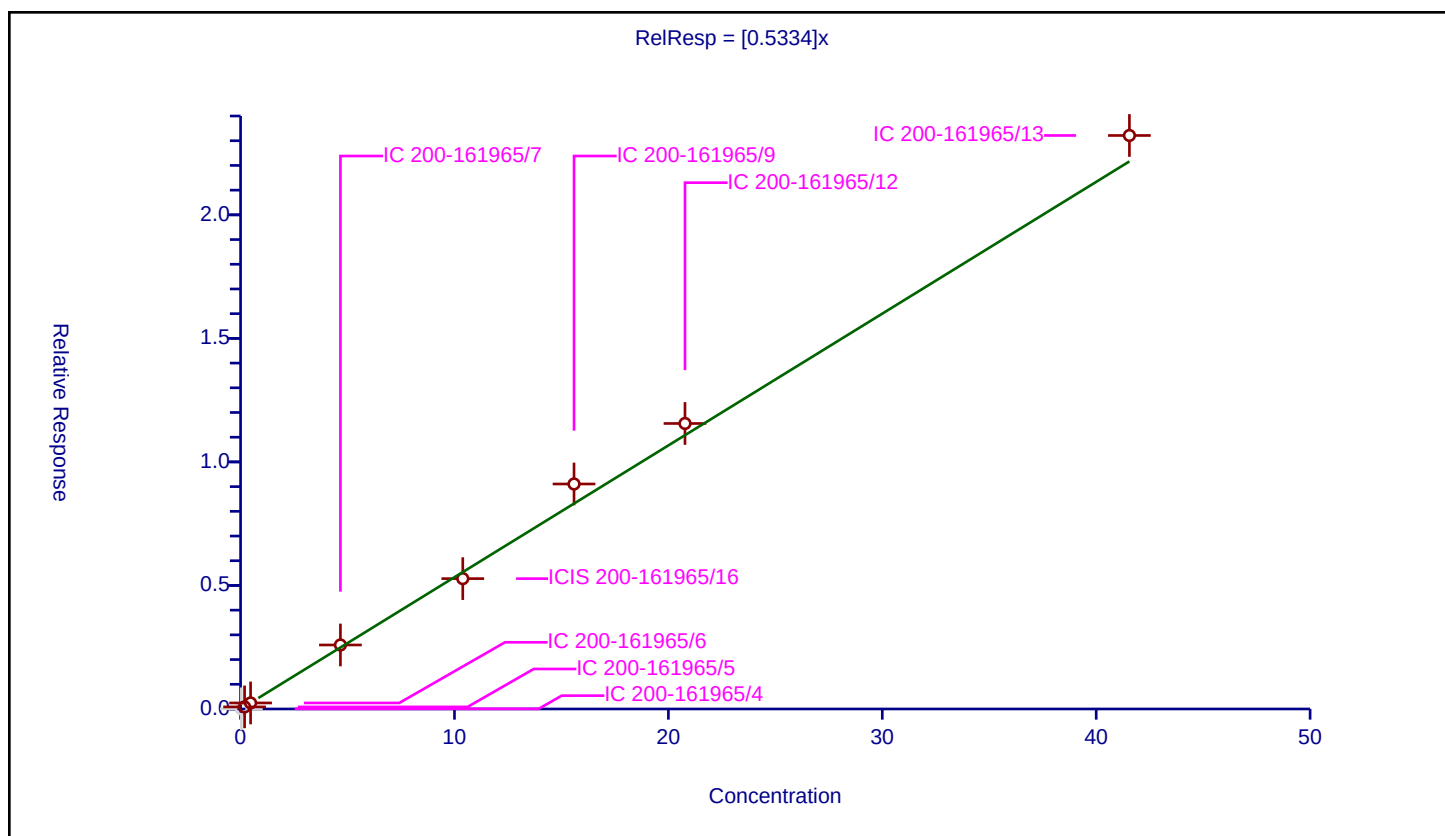
## Curve Coefficients

Intercept: 0  
Slope: 0.5334

## Error Coefficients

Standard Error: 5130000  
Relative Standard Error: 8.4  
Correlation Coefficient: 0.996  
Coefficient of Determination (Adjusted): 0.992

| ID | Level              | Concentration | Rel. Resp. | IS Amount | IS Response | RRF      | Used |
|----|--------------------|---------------|------------|-----------|-------------|----------|------|
| 1  | IC 200-161965/4    | 0.036445      | 0.006681   | 10.0      | 4288062.0   | 0.183327 | N    |
| 2  | IC 200-161965/5    | 0.187431      | 0.084404   | 10.0      | 4033586.0   | 0.450319 | Y    |
| 3  | IC 200-161965/6    | 0.467973      | 0.243927   | 10.0      | 3818030.0   | 0.521241 | Y    |
| 4  | IC 200-161965/7    | 4.668546      | 2.591387   | 10.0      | 3687141.0   | 0.555074 | Y    |
| 5  | ICIS 200-161965/16 | 10.387984     | 5.276363   | 10.0      | 4206765.0   | 0.507929 | Y    |
| 6  | IC 200-161965/9    | 15.588696     | 9.106665   | 10.0      | 4005439.0   | 0.584184 | Y    |
| 7  | IC 200-161965/12   | 20.775968     | 11.555703  | 10.0      | 4148248.0   | 0.556205 | Y    |
| 8  | IC 200-161965/13   | 41.551937     | 23.212397  | 10.0      | 4630760.0   | 0.558636 | 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

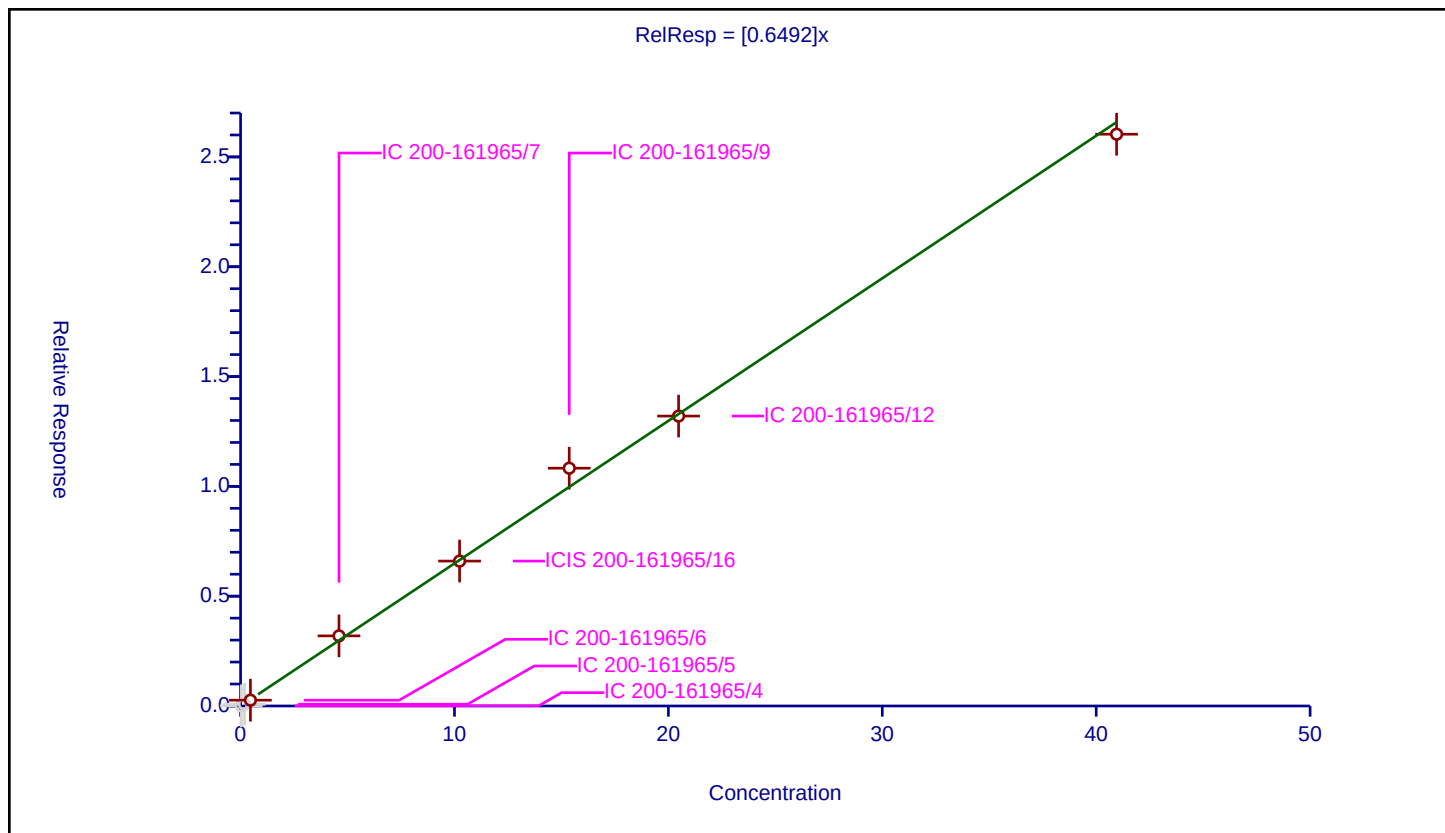
## Curve Coefficients

Intercept: 0  
 Slope: 0.6492

## Error Coefficients

Standard Error: 6380000  
 Relative Standard Error: 7.3  
 Correlation Coefficient: 0.998  
 Coefficient of Determination (Adjusted): 0.994

| ID | Level              | Concentration | Rel. Resp. | IS Amount | IS Response | RRF      | Used |
|----|--------------------|---------------|------------|-----------|-------------|----------|------|
| 1  | IC 200-161965/4    | 0.035919      | 0.00937    | 10.0      | 4288062.0   | 0.260872 | N    |
| 2  | IC 200-161965/5    | 0.184725      | 0.079527   | 10.0      | 4033586.0   | 0.430517 | N    |
| 3  | IC 200-161965/6    | 0.461217      | 0.263515   | 10.0      | 3818030.0   | 0.571348 | Y    |
| 4  | IC 200-161965/7    | 4.601146      | 3.192471   | 10.0      | 3687141.0   | 0.693843 | Y    |
| 5  | ICIS 200-161965/16 | 10.238013     | 6.598446   | 10.0      | 4206765.0   | 0.644504 | Y    |
| 6  | IC 200-161965/9    | 15.363642     | 10.828264  | 10.0      | 4005439.0   | 0.704798 | Y    |
| 7  | IC 200-161965/12   | 20.476027     | 13.201655  | 10.0      | 4148248.0   | 0.644737 | Y    |
| 8  | IC 200-161965/13   | 40.952053     | 26.035297  | 10.0      | 4630760.0   | 0.635751 | Y    |



## Calibration

/ Toluene

Curve Type: Average  
Weighting: Conc\_Sq  
Origin: Force  
Dependency: Response  
Calib Mode: ISTD  
Response Base: AREA  
RF Rounding: 0

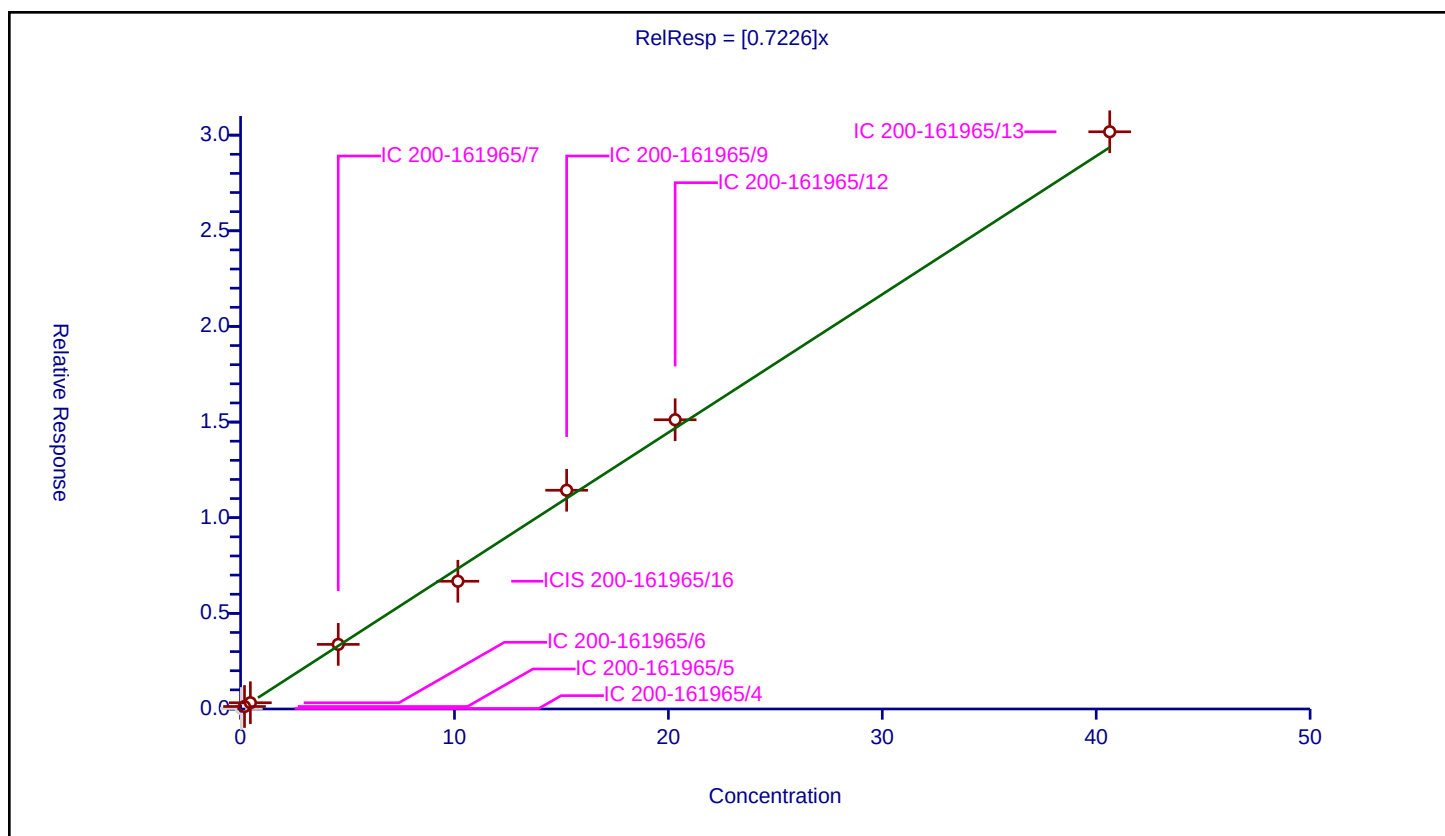
## Curve Coefficients

Intercept: 0  
Slope: 0.7226

## Error Coefficients

Standard Error: 5790000  
Relative Standard Error: 4.5  
Correlation Coefficient: 0.997  
Coefficient of Determination (Adjusted): 0.998

| ID | Level              | Concentration | Rel. Resp. | IS Amount | IS Response | RRF      | Used |
|----|--------------------|---------------|------------|-----------|-------------|----------|------|
| 1  | IC 200-161965/4    | 0.035638      | 0.023928   | 10.0      | 3372173.0   | 0.67142  | N    |
| 2  | IC 200-161965/5    | 0.183282      | 0.129828   | 10.0      | 3296908.0   | 0.708349 | Y    |
| 3  | IC 200-161965/6    | 0.457614      | 0.327424   | 10.0      | 3387200.0   | 0.715502 | Y    |
| 4  | IC 200-161965/7    | 4.5652        | 3.377143   | 10.0      | 3401748.0   | 0.739758 | Y    |
| 5  | ICIS 200-161965/16 | 10.158029     | 6.679042   | 10.0      | 3850470.0   | 0.657514 | Y    |
| 6  | IC 200-161965/9    | 15.243614     | 11.434705  | 10.0      | 3700754.0   | 0.750131 | Y    |
| 7  | IC 200-161965/12   | 20.316058     | 15.121102  | 10.0      | 3588044.0   | 0.744293 | Y    |
| 8  | IC 200-161965/13   | 40.632115     | 30.175519  | 10.0      | 3998138.0   | 0.742652 | Y    |



## Calibration

/ n-Octane

Curve Type: Average  
Weighting: Conc\_Sq  
Origin: Force  
Dependency: Response  
Calib Mode: ISTD  
Response Base: AREA  
RF Rounding: 0

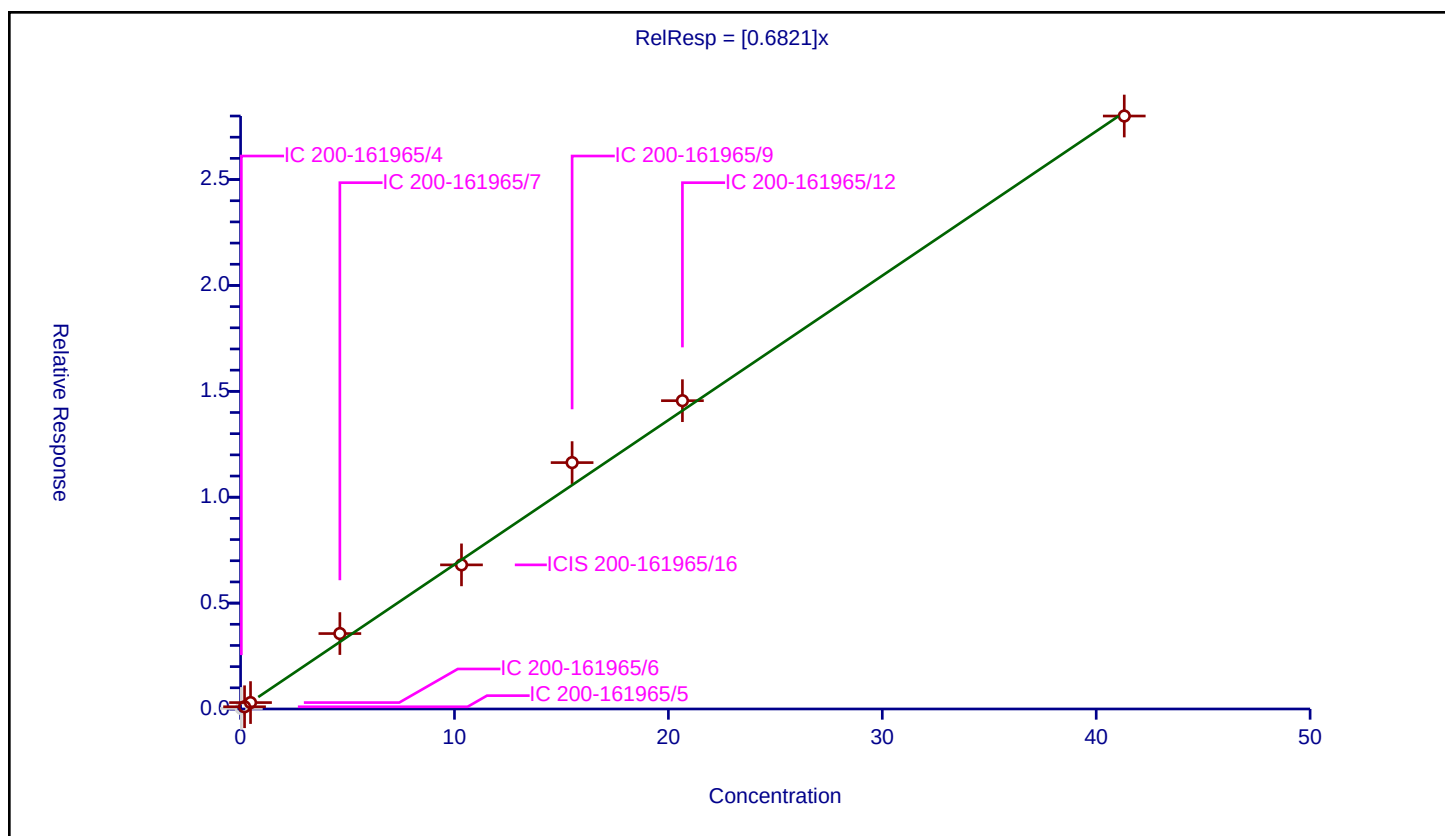
## Curve Coefficients

Intercept: 0  
Slope: 0.6821

## Error Coefficients

Standard Error: 6270000  
Relative Standard Error: 10.0  
Correlation Coefficient: 0.998  
Coefficient of Determination (Adjusted): 0.989

| ID | Level              | Concentration | Rel. Resp. | IS Amount | IS Response | RRF      | Used |
|----|--------------------|---------------|------------|-----------|-------------|----------|------|
| 1  | IC 200-161965/4    | 0.036234      | 0.025867   | 10.0      | 4288062.0   | 0.713883 | N    |
| 2  | IC 200-161965/5    | 0.186349      | 0.105145   | 10.0      | 4033586.0   | 0.564236 | Y    |
| 3  | IC 200-161965/6    | 0.465271      | 0.302777   | 10.0      | 3818030.0   | 0.650753 | Y    |
| 4  | IC 200-161965/7    | 4.641586      | 3.561521   | 10.0      | 3687141.0   | 0.767307 | Y    |
| 5  | ICIS 200-161965/16 | 10.327996     | 6.804761   | 10.0      | 4206765.0   | 0.658866 | Y    |
| 6  | IC 200-161965/9    | 15.498674     | 11.634268  | 10.0      | 4005439.0   | 0.750662 | Y    |
| 7  | IC 200-161965/12   | 20.655992     | 14.558283  | 10.0      | 4148248.0   | 0.704797 | Y    |
| 8  | IC 200-161965/13   | 41.311983     | 27.999376  | 10.0      | 4630760.0   | 0.677754 | 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

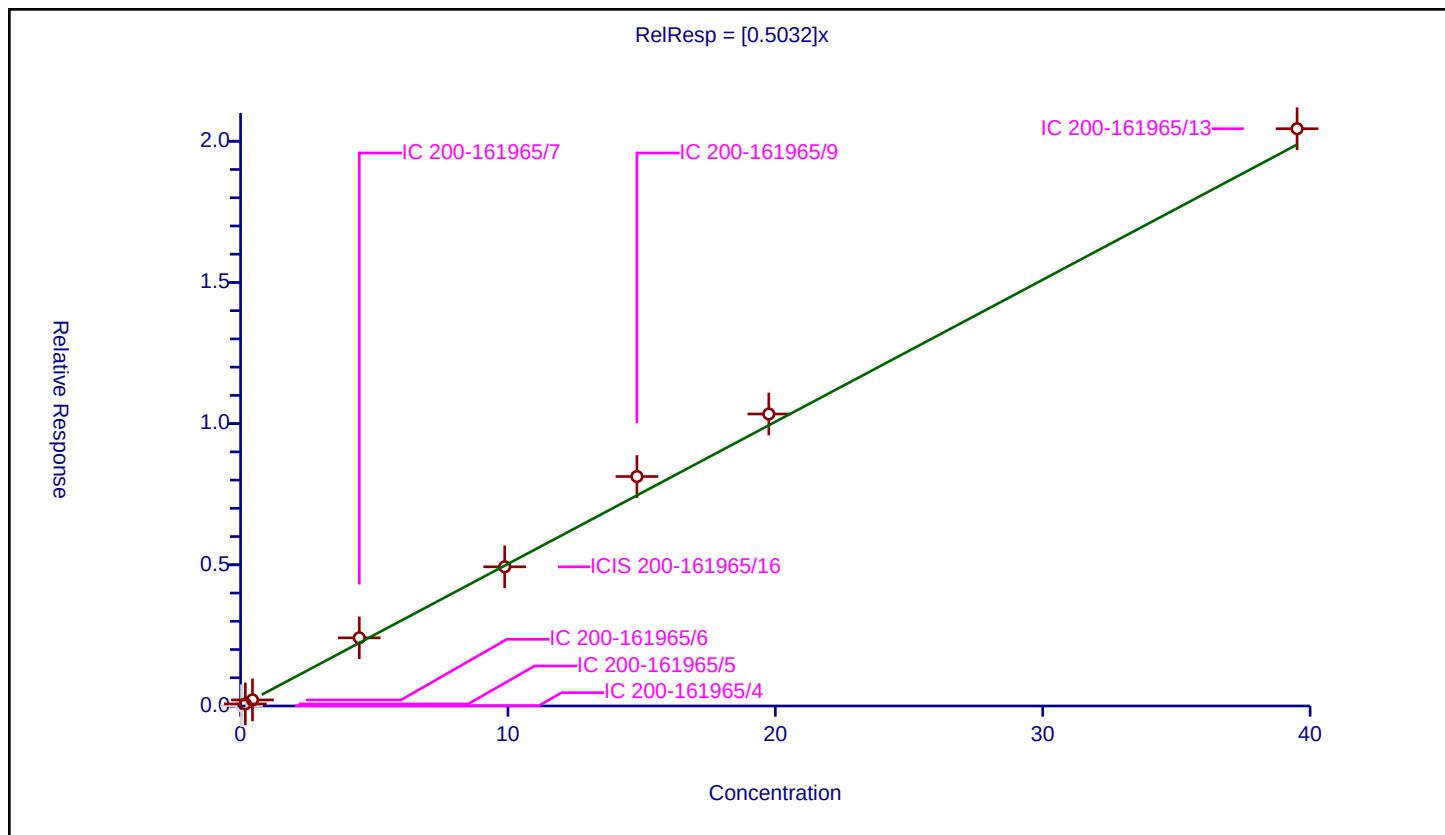
## Curve Coefficients

Intercept: 0  
Slope: 0.5032

## Error Coefficients

Standard Error: 4540000  
Relative Standard Error: 9.5  
Correlation Coefficient: 0.997  
Coefficient of Determination (Adjusted): 0.990

| ID | Level              | Concentration | Rel. Resp. | IS Amount | IS Response | RRF      | Used |
|----|--------------------|---------------|------------|-----------|-------------|----------|------|
| 1  | IC 200-161965/4    | 0.034656      | 0.010916   | 10.0      | 4288062.0   | 0.314992 | N    |
| 2  | IC 200-161965/5    | 0.178231      | 0.072814   | 10.0      | 4033586.0   | 0.408535 | Y    |
| 3  | IC 200-161965/6    | 0.445002      | 0.214543   | 10.0      | 3818030.0   | 0.482116 | Y    |
| 4  | IC 200-161965/7    | 4.439387      | 2.413222   | 10.0      | 3687141.0   | 0.543594 | Y    |
| 5  | ICIS 200-161965/16 | 9.878083      | 4.92907    | 10.0      | 4206765.0   | 0.498991 | Y    |
| 6  | IC 200-161965/9    | 14.823514     | 8.127069   | 10.0      | 4005439.0   | 0.548255 | Y    |
| 7  | IC 200-161965/12   | 19.756166     | 10.340189  | 10.0      | 4148248.0   | 0.52339  | Y    |
| 8  | IC 200-161965/13   | 39.512333     | 20.443569  | 10.0      | 4630760.0   | 0.517397 | 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

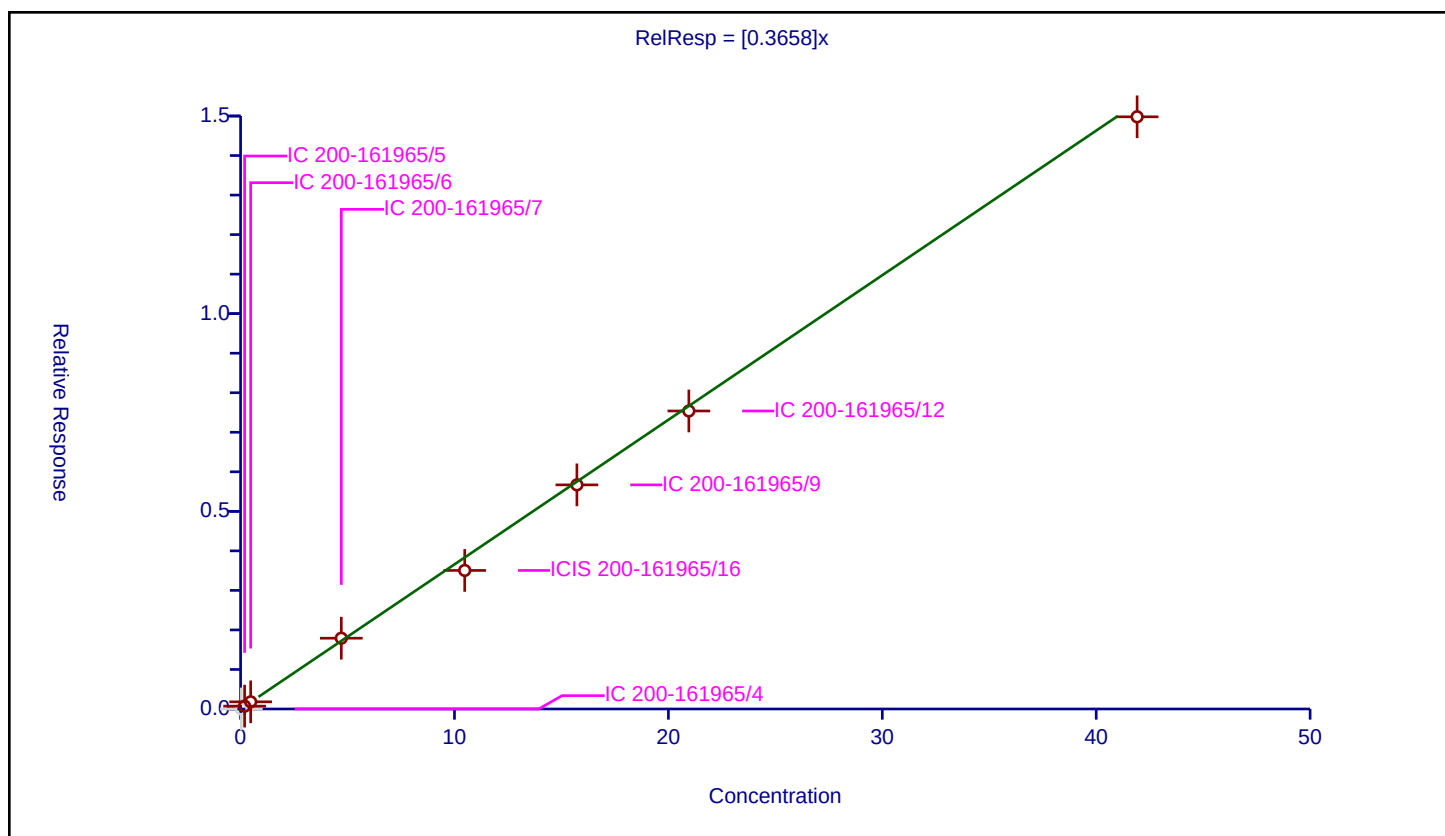
## Curve Coefficients

Intercept: 0  
Slope: 0.3658

## Error Coefficients

Standard Error: 2880000  
Relative Standard Error: 5.0  
Correlation Coefficient: 0.997  
Coefficient of Determination (Adjusted): 0.997

| ID | Level              | Concentration | Rel. Resp. | IS Amount | IS Response | RRF      | Used |
|----|--------------------|---------------|------------|-----------|-------------|----------|------|
| 1  | IC 200-161965/4    | 0.036761      | 0.0        | 10.0      | 3372173.0   | 0.0      | N    |
| 2  | IC 200-161965/5    | 0.189055      | 0.072738   | 10.0      | 3296908.0   | 0.384745 | Y    |
| 3  | IC 200-161965/6    | 0.472027      | 0.180804   | 10.0      | 3387200.0   | 0.383038 | Y    |
| 4  | IC 200-161965/7    | 4.708985      | 1.790865   | 10.0      | 3401748.0   | 0.380308 | Y    |
| 5  | ICIS 200-161965/16 | 10.477967     | 3.504944   | 10.0      | 3850470.0   | 0.334506 | Y    |
| 6  | IC 200-161965/9    | 15.723728     | 5.669361   | 10.0      | 3700754.0   | 0.360561 | Y    |
| 7  | IC 200-161965/12   | 20.955934     | 7.538862   | 10.0      | 3588044.0   | 0.359748 | Y    |
| 8  | IC 200-161965/13   | 41.911867     | 14.979993  | 10.0      | 3998138.0   | 0.357417 | Y    |



## Calibration

## / Tetrachloroethene

Curve Type: Average  
Weighting: Conc\_Sq  
Origin: Force  
Dependency: Response  
Calib Mode: ISTD  
Response Base: AREA  
RF Rounding: 0

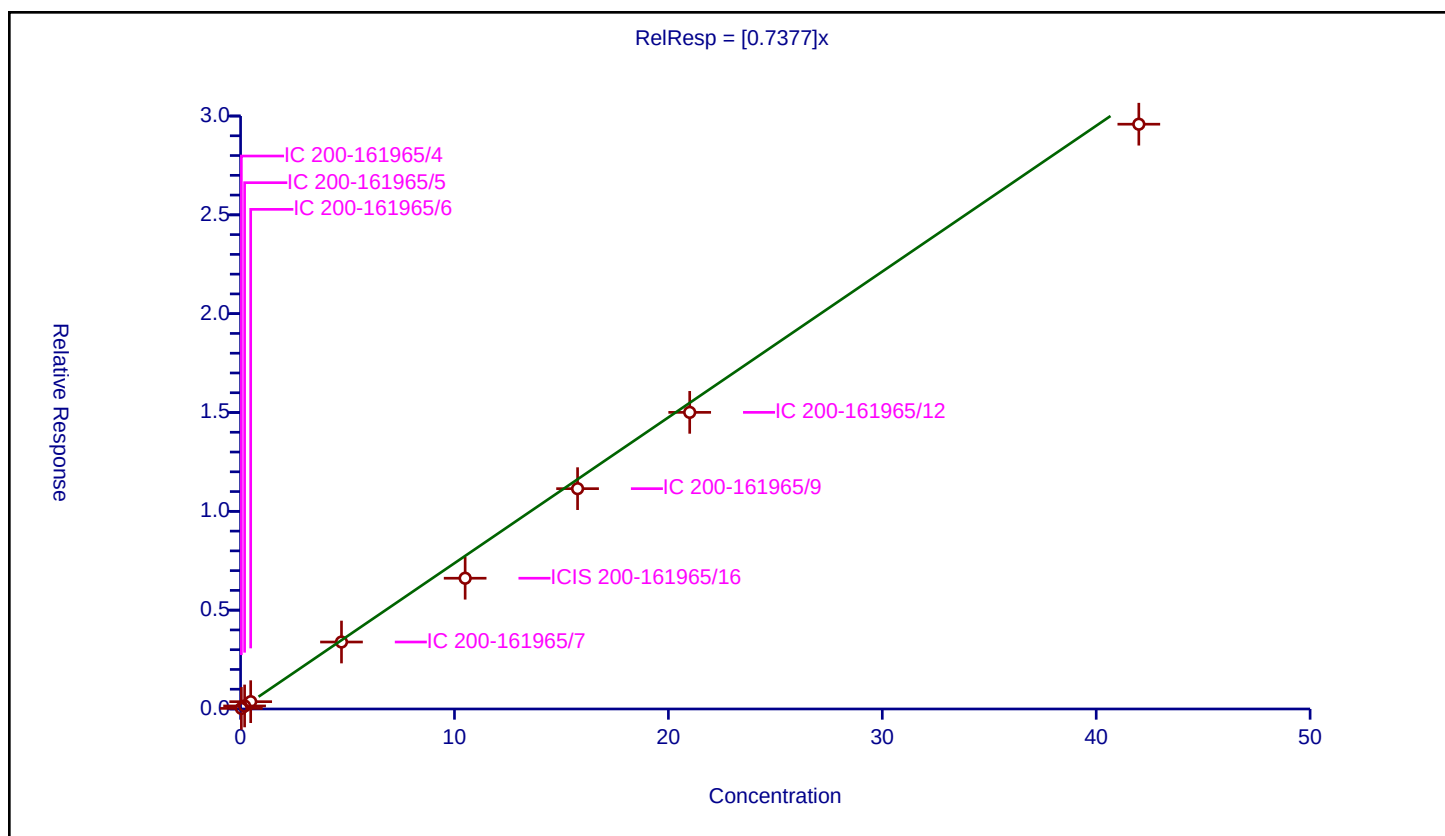
## Curve Coefficients

Intercept: 0  
Slope: 0.7377

## Error Coefficients

Standard Error: 5260000  
Relative Standard Error: 9.0  
Correlation Coefficient: 0.997  
Coefficient of Determination (Adjusted): 0.991

| ID | Level              | Concentration | Rel. Resp. | IS Amount | IS Response | RRF      | Used |
|----|--------------------|---------------|------------|-----------|-------------|----------|------|
| 1  | IC 200-161965/4    | 0.036831      | 0.030701   | 10.0      | 3372173.0   | 0.833576 | Y    |
| 2  | IC 200-161965/5    | 0.189415      | 0.153559   | 10.0      | 3296908.0   | 0.810699 | Y    |
| 3  | IC 200-161965/6    | 0.472928      | 0.369754   | 10.0      | 3387200.0   | 0.78184  | Y    |
| 4  | IC 200-161965/7    | 4.717972      | 3.388543   | 10.0      | 3401748.0   | 0.71822  | Y    |
| 5  | ICIS 200-161965/16 | 10.497963     | 6.615569   | 10.0      | 3850470.0   | 0.630176 | Y    |
| 6  | IC 200-161965/9    | 15.753735     | 11.147436  | 10.0      | 3700754.0   | 0.707606 | Y    |
| 7  | IC 200-161965/12   | 20.995926     | 15.006658  | 10.0      | 3588044.0   | 0.714741 | Y    |
| 8  | IC 200-161965/13   | 41.991852     | 29.58561   | 10.0      | 3998138.0   | 0.704556 | Y    |





## Calibration

/ 2-Hexanone

Curve Type: Average  
Weighting: Conc\_Sq  
Origin: Force  
Dependency: Response  
Calib Mode: ISTD  
Response Base: AREA  
RF Rounding: 0

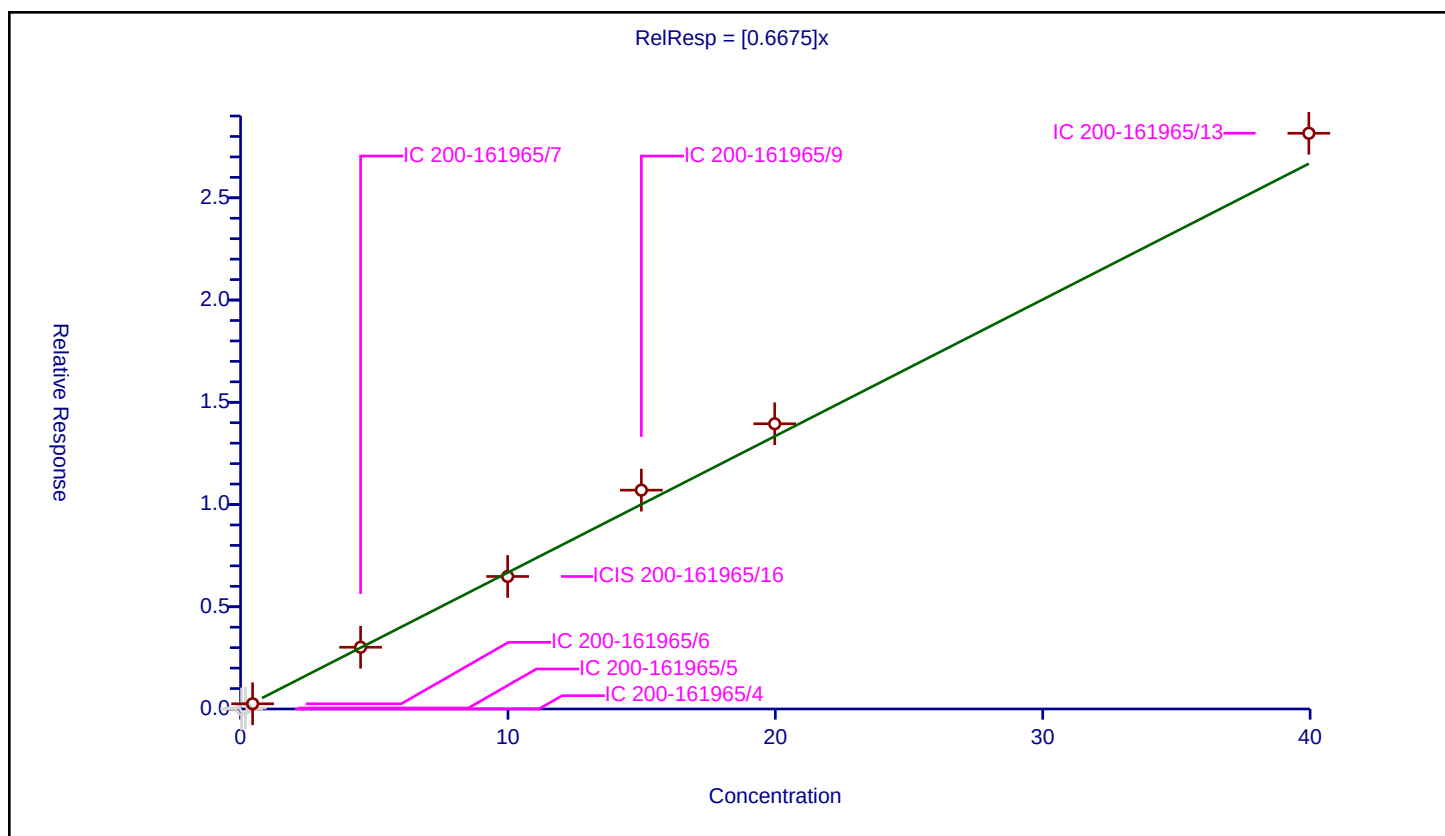
## Curve Coefficients

Intercept: 0  
Slope: 0.6675

## Error Coefficients

Standard Error: 5910000  
Relative Standard Error: 8.2  
Correlation Coefficient: 0.997  
Coefficient of Determination (Adjusted): 0.993

| ID | Level              | Concentration | Rel. Resp. | IS Amount | IS Response | RRF      | Used |
|----|--------------------|---------------|------------|-----------|-------------|----------|------|
| 1  | IC 200-161965/4    | 0.035042      | 0.00118    | 10.0      | 3372173.0   | 0.033681 | N    |
| 2  | IC 200-161965/5    | 0.180215      | 0.048303   | 10.0      | 3296908.0   | 0.268028 | N    |
| 3  | IC 200-161965/6    | 0.449957      | 0.254809   | 10.0      | 3387200.0   | 0.566297 | Y    |
| 4  | IC 200-161965/7    | 4.488813      | 3.019774   | 10.0      | 3401748.0   | 0.672733 | Y    |
| 5  | ICIS 200-161965/16 | 9.988062      | 6.481206   | 10.0      | 3850470.0   | 0.648895 | Y    |
| 6  | IC 200-161965/9    | 14.988553     | 10.7027    | 10.0      | 3700754.0   | 0.714058 | Y    |
| 7  | IC 200-161965/12   | 19.976124     | 13.949308  | 10.0      | 3588044.0   | 0.698299 | Y    |
| 8  | IC 200-161965/13   | 39.952247     | 28.156527  | 10.0      | 3998138.0   | 0.704755 | Y    |



# Calibration

/ Chlorodibromomethane

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

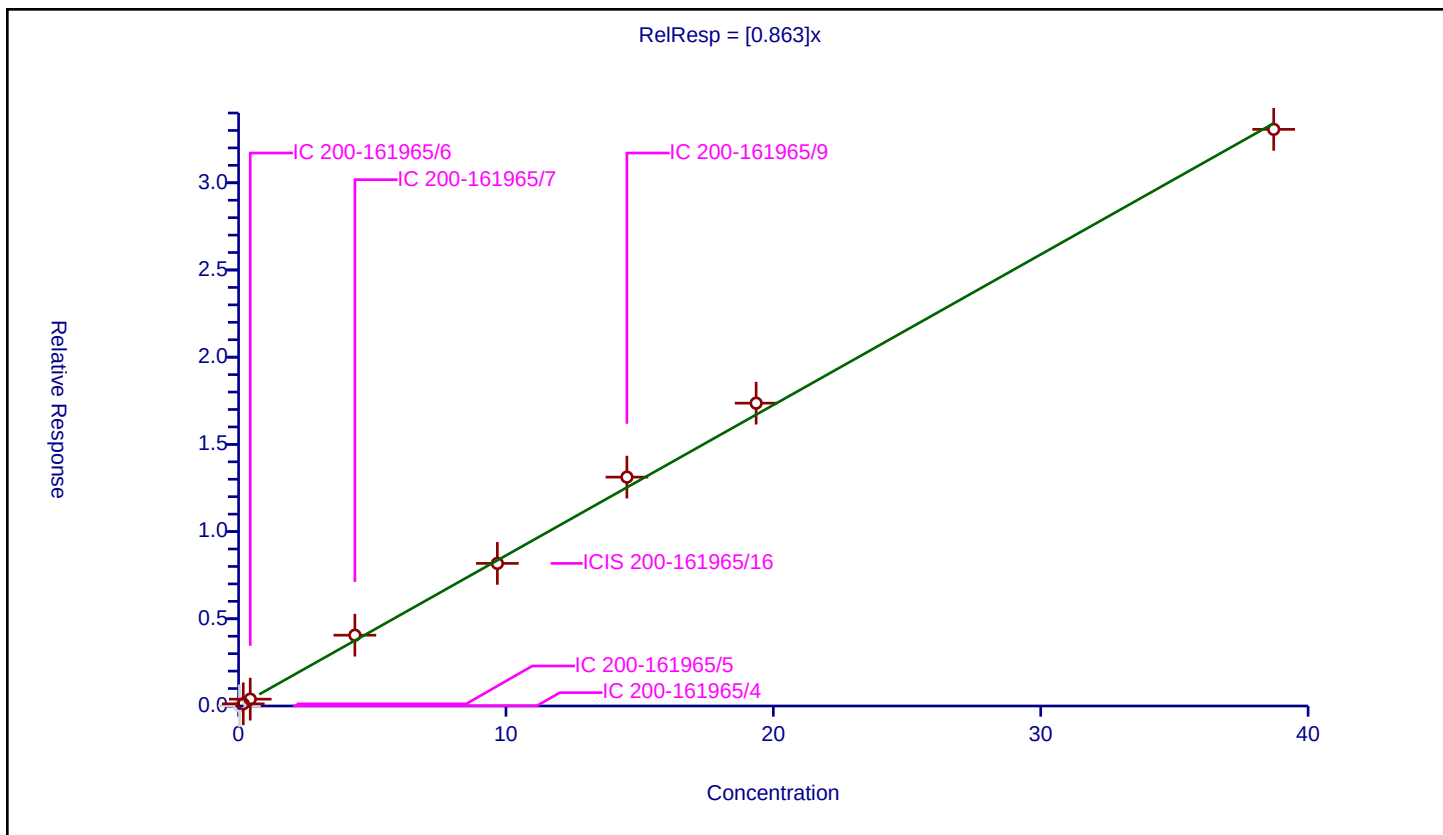
## Curve Coefficients

Intercept: 0  
 Slope: 0.863

## Error Coefficients

Standard Error: 6440000  
 Relative Standard Error: 8.6  
 Correlation Coefficient: 0.999  
 Coefficient of Determination (Adjusted): 0.992

| ID | Level              | Concentration | Rel. Resp. | IS Amount | IS Response | RRF      | Used |
|----|--------------------|---------------|------------|-----------|-------------|----------|------|
| 1  | IC 200-161965/4    | 0.033954      | 0.012185   | 10.0      | 3372173.0   | 0.358863 | N    |
| 2  | IC 200-161965/5    | 0.174623      | 0.123771   | 10.0      | 3296908.0   | 0.708787 | Y    |
| 3  | IC 200-161965/6    | 0.435994      | 0.392076   | 10.0      | 3387200.0   | 0.899269 | Y    |
| 4  | IC 200-161965/7    | 4.349521      | 4.059051   | 10.0      | 3401748.0   | 0.933218 | Y    |
| 5  | ICIS 200-161965/16 | 9.678122      | 8.176046   | 10.0      | 3850470.0   | 0.844797 | Y    |
| 6  | IC 200-161965/9    | 14.523443     | 13.123231  | 10.0      | 3700754.0   | 0.90359  | Y    |
| 7  | IC 200-161965/12   | 19.356244     | 17.363761  | 10.0      | 3588044.0   | 0.897063 | Y    |
| 8  | IC 200-161965/13   | 38.712488     | 33.063301  | 10.0      | 3998138.0   | 0.854073 | Y    |



## Calibration

/ Ethylene Dibromide

Curve Type: Average  
Weighting: Conc\_Sq  
Origin: Force  
Dependency: Response  
Calib Mode: ISTD  
Response Base: AREA  
RF Rounding: 0

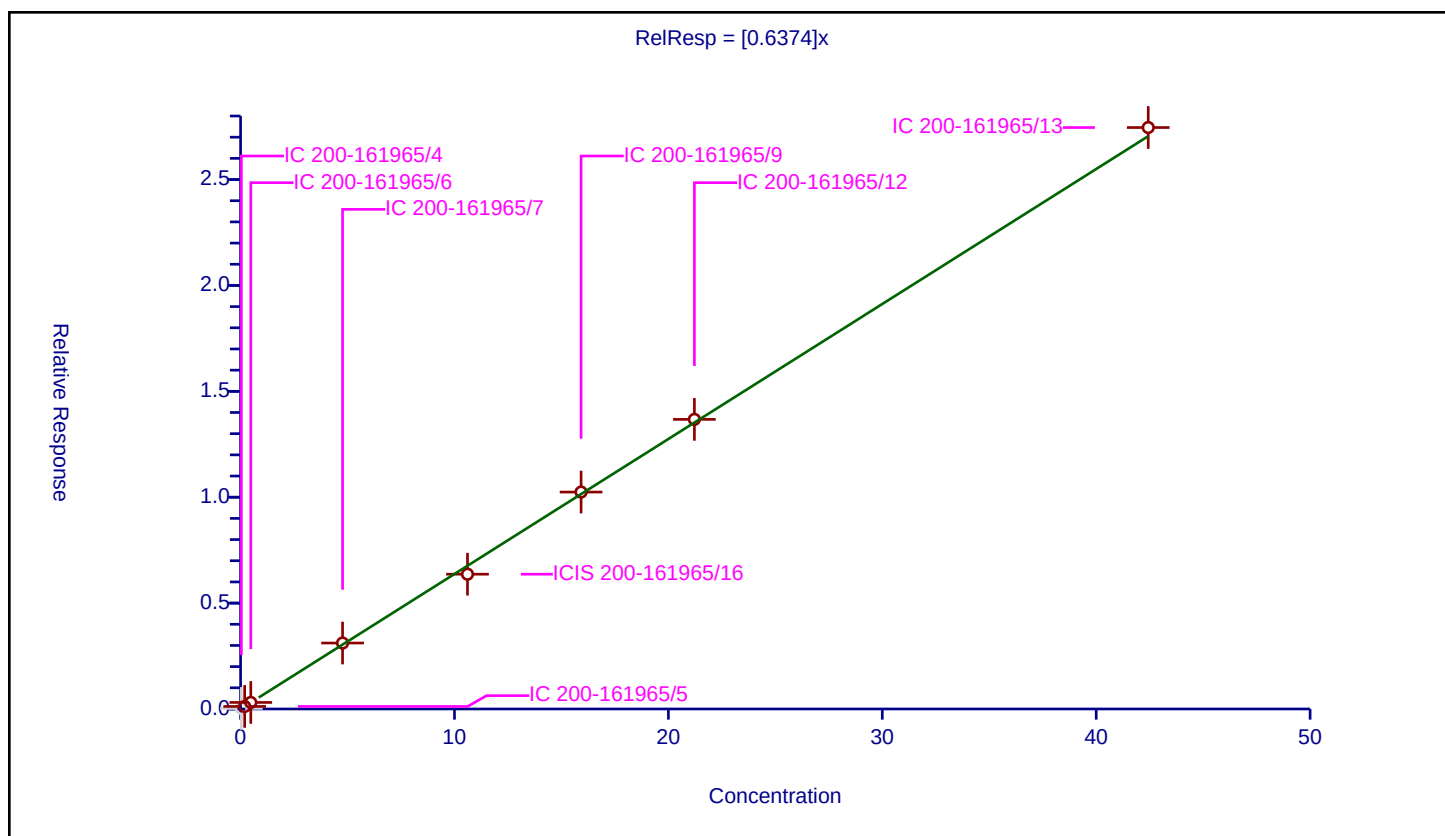
## Curve Coefficients

Intercept: 0  
Slope: 0.6374

## Error Coefficients

Standard Error: 5260000  
Relative Standard Error: 2.9  
Correlation Coefficient: 0.997  
Coefficient of Determination (Adjusted): 0.999

| ID | Level              | Concentration | Rel. Resp. | IS Amount | IS Response | RRF      | Used |
|----|--------------------|---------------|------------|-----------|-------------|----------|------|
| 1  | IC 200-161965/4    | 0.037217      | 0.026235   | 10.0      | 3372173.0   | 0.704935 | N    |
| 2  | IC 200-161965/5    | 0.1914        | 0.11994    | 10.0      | 3296908.0   | 0.626644 | Y    |
| 3  | IC 200-161965/6    | 0.477882      | 0.309247   | 10.0      | 3387200.0   | 0.647119 | Y    |
| 4  | IC 200-161965/7    | 4.767398      | 3.114043   | 10.0      | 3401748.0   | 0.653196 | Y    |
| 5  | ICIS 200-161965/16 | 10.607942     | 6.364672   | 10.0      | 3850470.0   | 0.599991 | Y    |
| 6  | IC 200-161965/9    | 15.918774     | 10.242734  | 10.0      | 3700754.0   | 0.643437 | Y    |
| 7  | IC 200-161965/12   | 21.215883     | 13.676073  | 10.0      | 3588044.0   | 0.644615 | Y    |
| 8  | IC 200-161965/13   | 42.431766     | 27.456118  | 10.0      | 3998138.0   | 0.647065 | Y    |



## Calibration

/ Chlorobenzene

Curve Type: Average  
Weighting: Conc\_Sq  
Origin: Force  
Dependency: Response  
Calib Mode: ISTD  
Response Base: AREA  
RF Rounding: 0

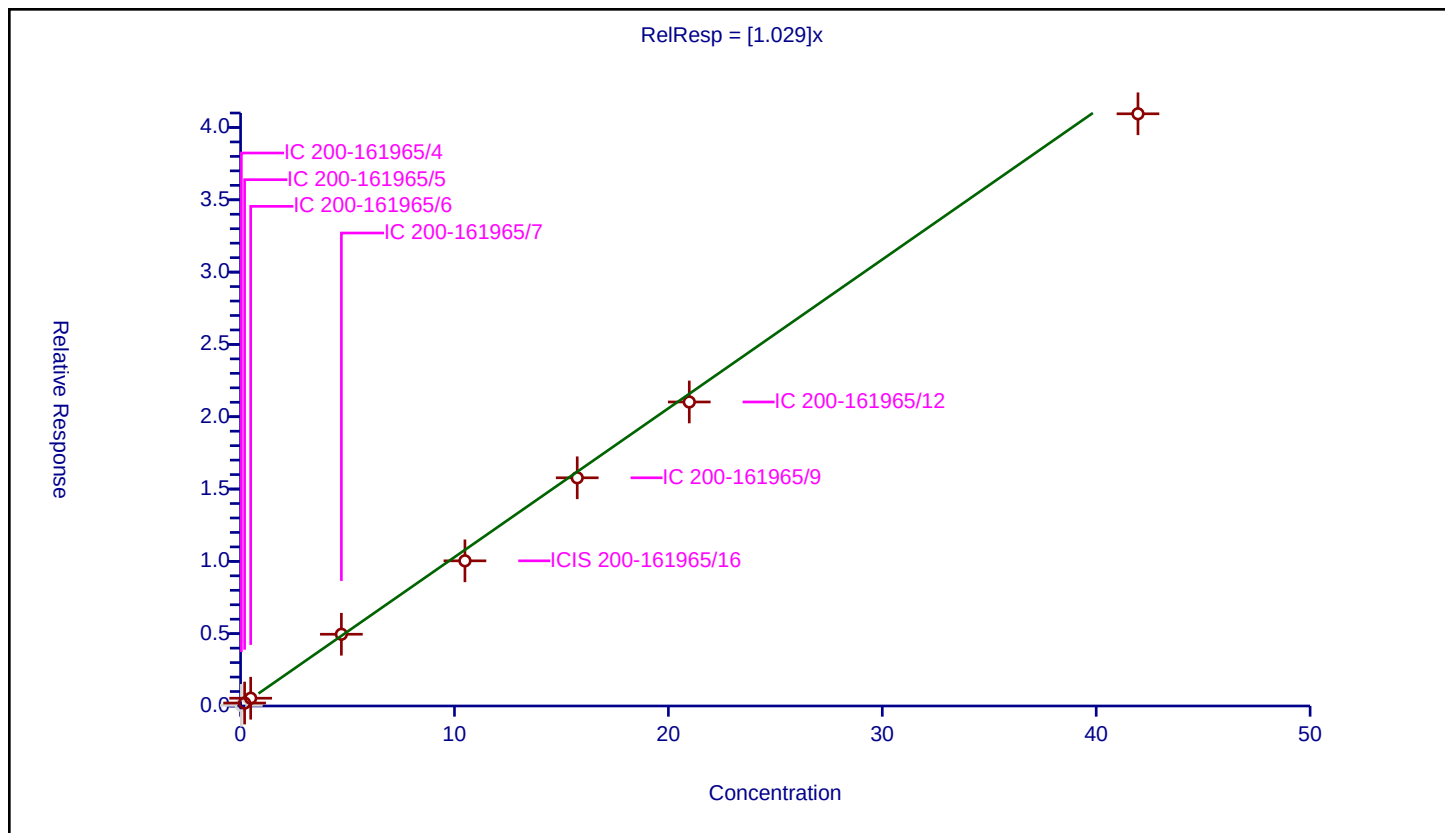
## Curve Coefficients

Intercept: 0  
Slope: 1.029

## Error Coefficients

Standard Error: 7920000  
Relative Standard Error: 6.1  
Correlation Coefficient: 0.998  
Coefficient of Determination (Adjusted): 0.995

| ID | Level              | Concentration | Rel. Resp. | IS Amount | IS Response | RRF      | Used |
|----|--------------------|---------------|------------|-----------|-------------|----------|------|
| 1  | IC 200-161965/4    | 0.036796      | 0.043883   | 10.0      | 3372173.0   | 1.192603 | N    |
| 2  | IC 200-161965/5    | 0.189235      | 0.203664   | 10.0      | 3296908.0   | 1.076246 | Y    |
| 3  | IC 200-161965/6    | 0.472477      | 0.537222   | 10.0      | 3387200.0   | 1.137033 | Y    |
| 4  | IC 200-161965/7    | 4.713479      | 4.960176   | 10.0      | 3401748.0   | 1.052339 | Y    |
| 5  | ICIS 200-161965/16 | 10.487965     | 10.03719   | 10.0      | 3850470.0   | 0.95702  | Y    |
| 6  | IC 200-161965/9    | 15.738731     | 15.778331  | 10.0      | 3700754.0   | 1.002516 | Y    |
| 7  | IC 200-161965/12   | 20.97593      | 21.020548  | 10.0      | 3588044.0   | 1.002127 | Y    |
| 8  | IC 200-161965/13   | 41.951859     | 40.946786  | 10.0      | 3998138.0   | 0.976042 | Y    |



## Calibration

/ Ethylbenzene

Curve Type: Average  
Weighting: Conc\_Sq  
Origin: Force  
Dependency: Response  
Calib Mode: ISTD  
Response Base: AREA  
RF Rounding: 0

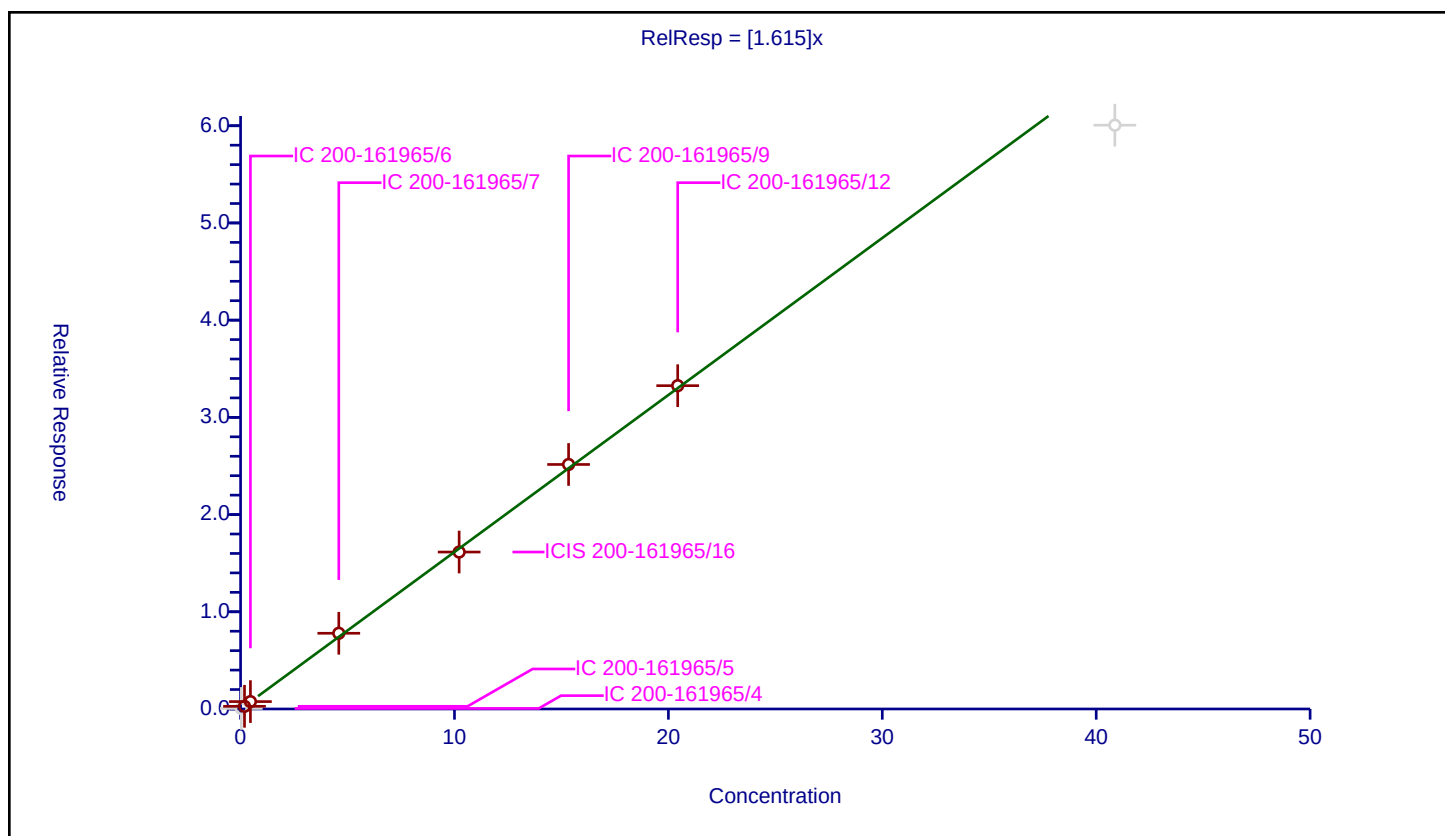
## Curve Coefficients

Intercept: 0  
Slope: 1.615

## Error Coefficients

Standard Error: 7410000  
Relative Standard Error: 4.3  
Correlation Coefficient: 0.999  
Coefficient of Determination (Adjusted): 0.998

| ID | Level              | Concentration | Rel. Resp. | IS Amount | IS Response | RRF      | Used |
|----|--------------------|---------------|------------|-----------|-------------|----------|------|
| 1  | IC 200-161965/4    | 0.035849      | 0.055908   | 10.0      | 3372173.0   | 1.559545 | N    |
| 2  | IC 200-161965/5    | 0.184364      | 0.275628   | 10.0      | 3296908.0   | 1.495017 | Y    |
| 3  | IC 200-161965/6    | 0.460316      | 0.760053   | 10.0      | 3387200.0   | 1.651153 | Y    |
| 4  | IC 200-161965/7    | 4.592159      | 7.788416   | 10.0      | 3401748.0   | 1.696025 | Y    |
| 5  | ICIS 200-161965/16 | 10.218017     | 16.145832  | 10.0      | 3850470.0   | 1.580134 | Y    |
| 6  | IC 200-161965/9    | 15.333635     | 25.154409  | 10.0      | 3700754.0   | 1.640473 | Y    |
| 7  | IC 200-161965/12   | 20.436034     | 33.259397  | 10.0      | 3588044.0   | 1.627488 | Y    |
| 8  | IC 200-161965/13   | 40.872069     | 60.055318  | 10.0      | 3998138.0   | 1.469349 | N    |



# Calibration

/ m-Xylene & p-Xylene

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

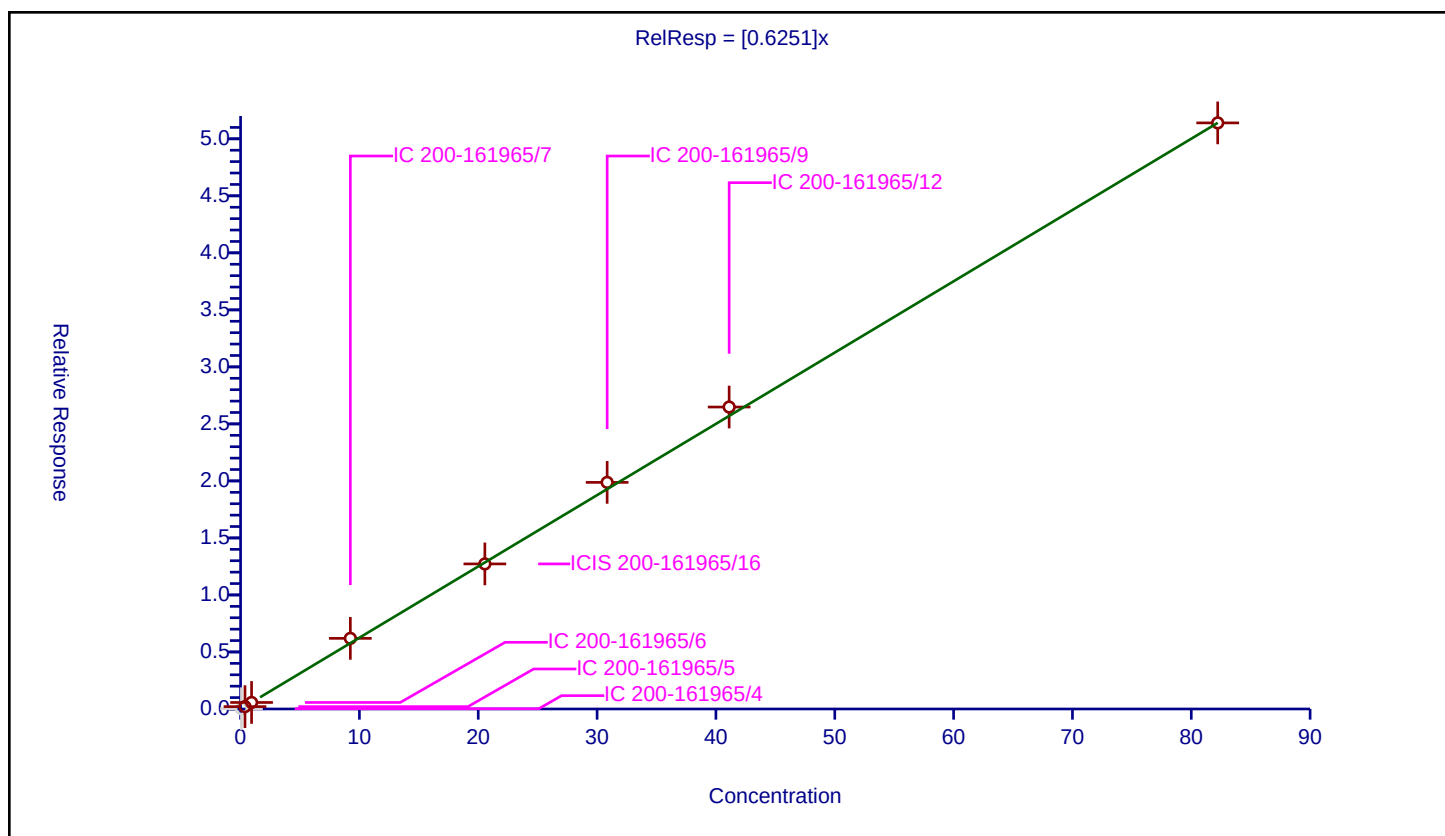
## Curve Coefficients

Intercept: 0  
 Slope: 0.6251

## Error Coefficients

Standard Error: 9960000  
 Relative Standard Error: 5.7  
 Correlation Coefficient: 0.999  
 Coefficient of Determination (Adjusted): 0.996

| ID | Level              | Concentration | Rel. Resp. | IS Amount | IS Response | RRF      | Used |
|----|--------------------|---------------|------------|-----------|-------------|----------|------|
| 1  | IC 200-161965/4    | 0.072118      | 0.024723   | 10.0      | 3372173.0   | 0.342811 | N    |
| 2  | IC 200-161965/5    | 0.370894      | 0.205935   | 10.0      | 3296908.0   | 0.555241 | Y    |
| 3  | IC 200-161965/6    | 0.926037      | 0.572231   | 10.0      | 3387200.0   | 0.617935 | Y    |
| 4  | IC 200-161965/7    | 9.238238      | 6.192343   | 10.0      | 3401748.0   | 0.670295 | Y    |
| 5  | ICIS 200-161965/16 | 20.556011     | 12.721507  | 10.0      | 3850470.0   | 0.61887  | Y    |
| 6  | IC 200-161965/9    | 30.847313     | 19.870883  | 10.0      | 3700754.0   | 0.644169 | Y    |
| 7  | IC 200-161965/12   | 41.112022     | 26.480581  | 10.0      | 3588044.0   | 0.644108 | Y    |
| 8  | IC 200-161965/13   | 82.224044     | 51.395862  | 10.0      | 3998138.0   | 0.625071 | Y    |



## Calibration

/ n-Nonane

Curve Type: Average  
Weighting: Conc\_Sq  
Origin: Force  
Dependency: Response  
Calib Mode: ISTD  
Response Base: AREA  
RF Rounding: 0

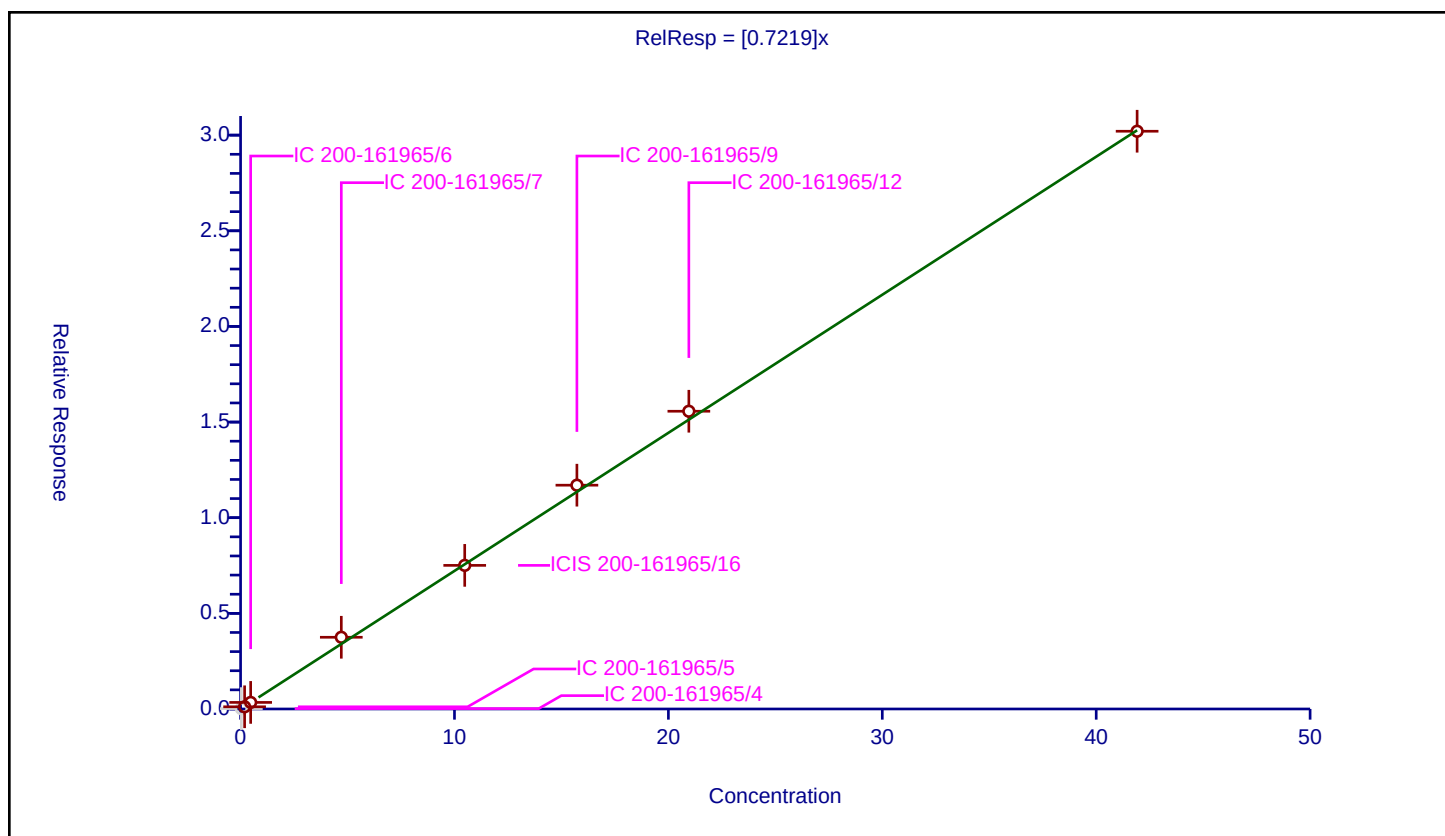
## Curve Coefficients

Intercept: 0  
Slope: 0.7219

## Error Coefficients

Standard Error: 5860000  
Relative Standard Error: 8.0  
Correlation Coefficient: 0.999  
Coefficient of Determination (Adjusted): 0.993

| ID | Level              | Concentration | Rel. Resp. | IS Amount | IS Response | RRF      | Used |
|----|--------------------|---------------|------------|-----------|-------------|----------|------|
| 1  | IC 200-161965/4    | 0.036761      | 0.020577   | 10.0      | 3372173.0   | 0.559763 | N    |
| 2  | IC 200-161965/5    | 0.189055      | 0.114468   | 10.0      | 3296908.0   | 0.605475 | Y    |
| 3  | IC 200-161965/6    | 0.472027      | 0.343313   | 10.0      | 3387200.0   | 0.727317 | Y    |
| 4  | IC 200-161965/7    | 4.708985      | 3.748793   | 10.0      | 3401748.0   | 0.796094 | Y    |
| 5  | ICIS 200-161965/16 | 10.477967     | 7.508086   | 10.0      | 3850470.0   | 0.716559 | Y    |
| 6  | IC 200-161965/9    | 15.723728     | 11.700091  | 10.0      | 3700754.0   | 0.744104 | Y    |
| 7  | IC 200-161965/12   | 20.955934     | 15.56608   | 10.0      | 3588044.0   | 0.742801 | Y    |
| 8  | IC 200-161965/13   | 41.911867     | 30.203387  | 10.0      | 3998138.0   | 0.72064  | Y    |



## Calibration

/ o-Xylene

Curve Type: Average  
Weighting: Conc\_Sq  
Origin: Force  
Dependency: Response  
Calib Mode: ISTD  
Response Base: AREA  
RF Rounding: 0

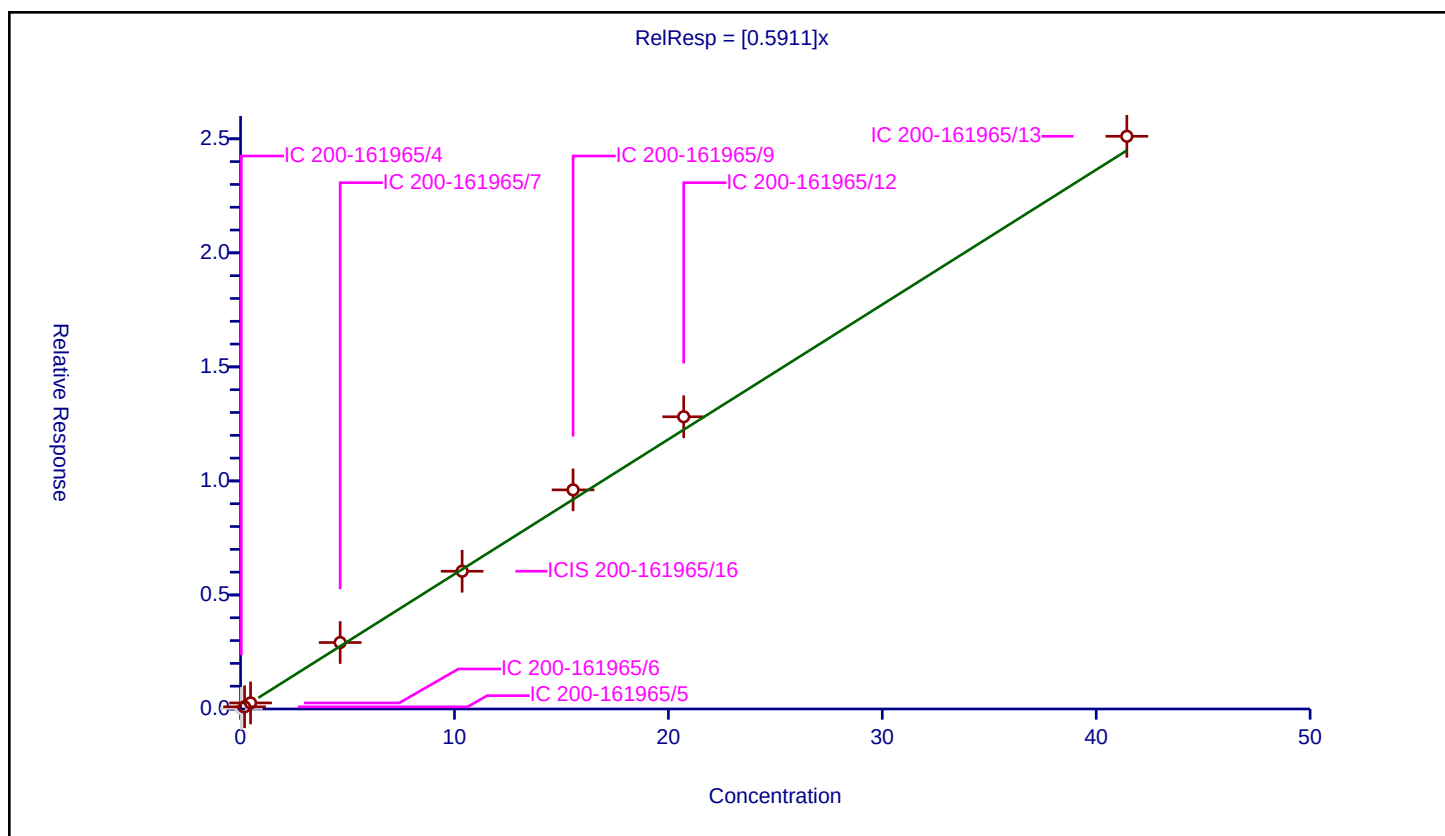
## Curve Coefficients

Intercept: 0  
Slope: 0.5911

## Error Coefficients

Standard Error: 4850000  
Relative Standard Error: 6.6  
Correlation Coefficient: 0.998  
Coefficient of Determination (Adjusted): 0.995

| ID | Level              | Concentration | Rel. Resp. | IS Amount | IS Response | RRF      | Used |
|----|--------------------|---------------|------------|-----------|-------------|----------|------|
| 1  | IC 200-161965/4    | 0.03634       | 0.024201   | 10.0      | 3372173.0   | 0.665966 | N    |
| 2  | IC 200-161965/5    | 0.18689       | 0.096217   | 10.0      | 3296908.0   | 0.514835 | Y    |
| 3  | IC 200-161965/6    | 0.466622      | 0.266465   | 10.0      | 3387200.0   | 0.571051 | Y    |
| 4  | IC 200-161965/7    | 4.655066      | 2.914496   | 10.0      | 3401748.0   | 0.626091 | Y    |
| 5  | ICIS 200-161965/16 | 10.35799      | 6.039686   | 10.0      | 3850470.0   | 0.583094 | Y    |
| 6  | IC 200-161965/9    | 15.543685     | 9.607234   | 10.0      | 3700754.0   | 0.61808  | Y    |
| 7  | IC 200-161965/12   | 20.71598      | 12.813525  | 10.0      | 3588044.0   | 0.618533 | Y    |
| 8  | IC 200-161965/13   | 41.43196      | 25.111715  | 10.0      | 3998138.0   | 0.606095 | Y    |





## Calibration

/ Styrene

Curve Type: Average  
Weighting: Conc\_Sq  
Origin: Force  
Dependency: Response  
Calib Mode: ISTD  
Response Base: AREA  
RF Rounding: 0

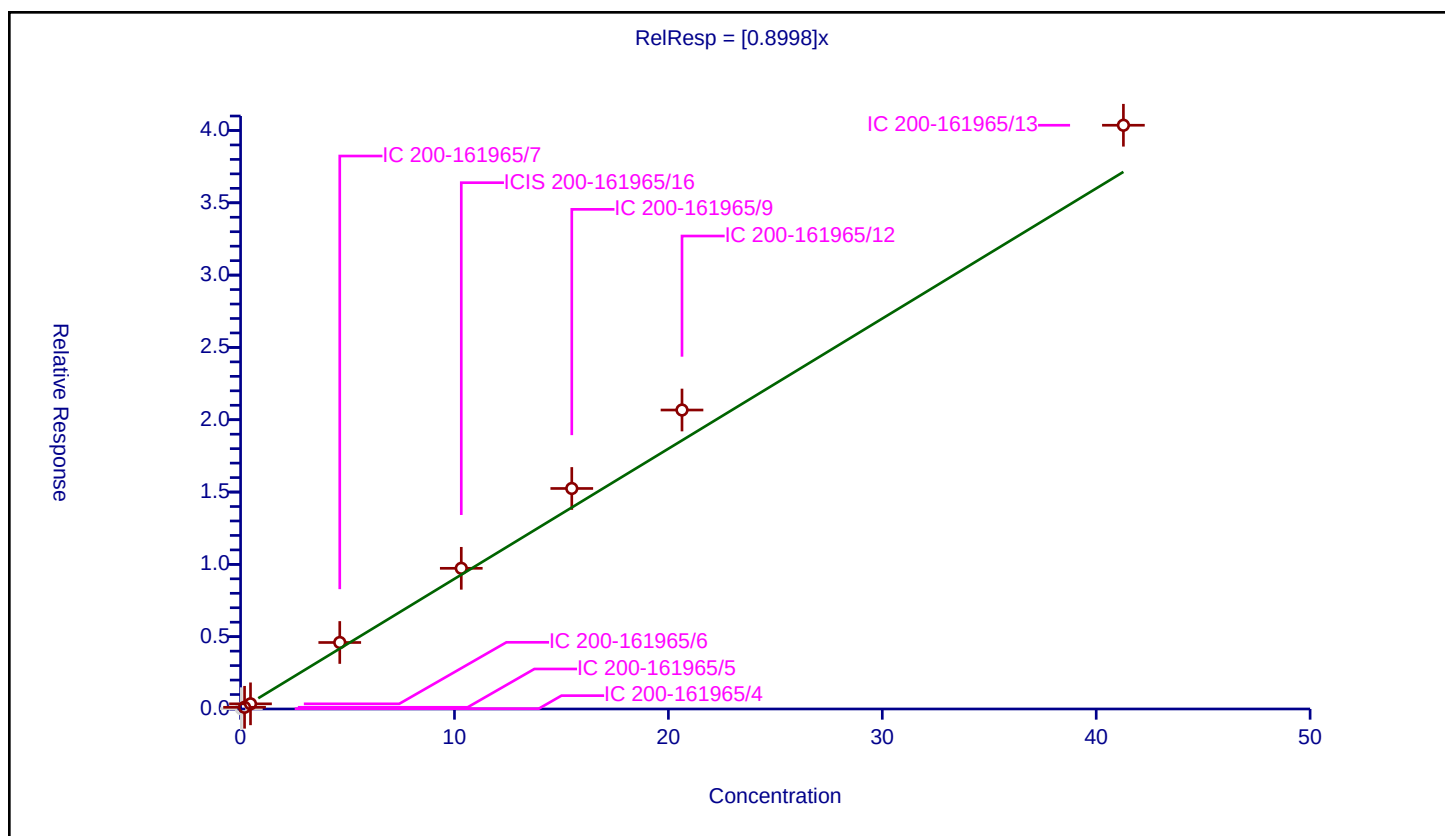
## Curve Coefficients

Intercept: 0  
Slope: 0.8998

## Error Coefficients

Standard Error: 7790000  
Relative Standard Error: 15.9  
Correlation Coefficient: 0.998  
Coefficient of Determination (Adjusted): 0.975

| ID | Level              | Concentration | Rel. Resp. | IS Amount | IS Response | RRF      | Used |
|----|--------------------|---------------|------------|-----------|-------------|----------|------|
| 1  | IC 200-161965/4    | 0.036199      | 0.021722   | 10.0      | 3372173.0   | 0.600062 | N    |
| 2  | IC 200-161965/5    | 0.186168      | 0.117543   | 10.0      | 3296908.0   | 0.631383 | Y    |
| 3  | IC 200-161965/6    | 0.46482       | 0.357398   | 10.0      | 3387200.0   | 0.768896 | Y    |
| 4  | IC 200-161965/7    | 4.637092      | 4.59696    | 10.0      | 3401748.0   | 0.991345 | Y    |
| 5  | ICIS 200-161965/16 | 10.317998     | 9.726924   | 10.0      | 3850470.0   | 0.942714 | Y    |
| 6  | IC 200-161965/9    | 15.483671     | 15.247028  | 10.0      | 3700754.0   | 0.984717 | Y    |
| 7  | IC 200-161965/12   | 20.635996     | 20.672433  | 10.0      | 3588044.0   | 1.001766 | Y    |
| 8  | IC 200-161965/13   | 41.271991     | 40.362926  | 10.0      | 3998138.0   | 0.977974 | Y    |



# Calibration

/ Bromoform

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

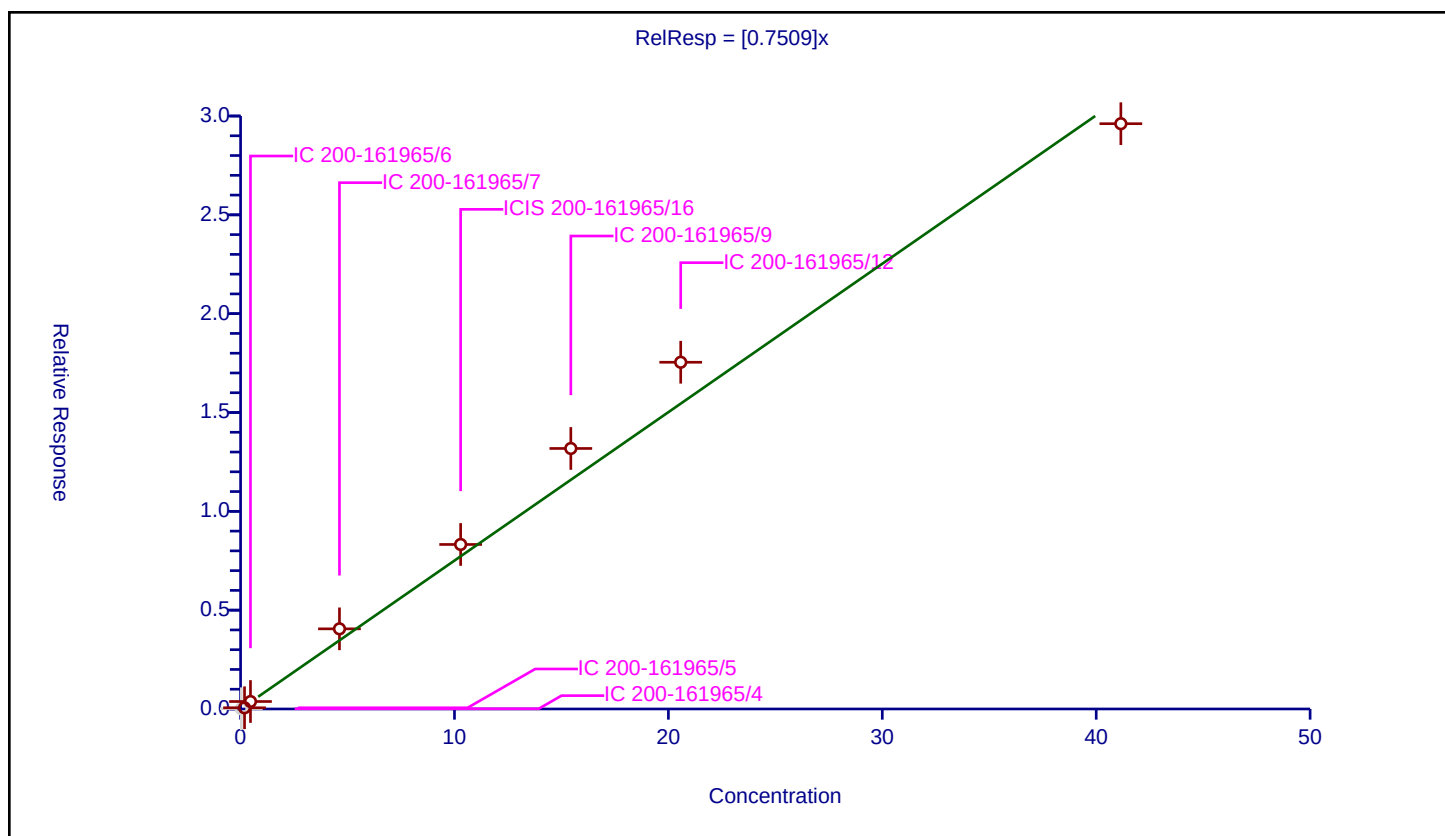
## Curve Coefficients

Intercept: 0  
 Slope: 0.7509

## Error Coefficients

Standard Error: 6000000  
 Relative Standard Error: 25.7  
 Correlation Coefficient: 0.998  
 Coefficient of Determination (Adjusted): 0.940

| ID | Level              | Concentration | Rel. Resp. | IS Amount | IS Response | RRF      | Used |
|----|--------------------|---------------|------------|-----------|-------------|----------|------|
| 1  | IC 200-161965/4    | 0.036094      | 0.013425   | 10.0      | 3372173.0   | 0.371932 | N    |
| 2  | IC 200-161965/5    | 0.185627      | 0.060912   | 10.0      | 3296908.0   | 0.32814  | Y    |
| 3  | IC 200-161965/6    | 0.463469      | 0.378227   | 10.0      | 3387200.0   | 0.816078 | Y    |
| 4  | IC 200-161965/7    | 4.623612      | 4.054877   | 10.0      | 3401748.0   | 0.876993 | Y    |
| 5  | ICIS 200-161965/16 | 10.288004     | 8.323732   | 10.0      | 3850470.0   | 0.809072 | Y    |
| 6  | IC 200-161965/9    | 15.43866      | 13.180403  | 10.0      | 3700754.0   | 0.853727 | Y    |
| 7  | IC 200-161965/12   | 20.576007     | 17.542778  | 10.0      | 3588044.0   | 0.852584 | Y    |
| 8  | IC 200-161965/13   | 41.152014     | 29.611089  | 10.0      | 3998138.0   | 0.719554 | Y    |



## Calibration

/ Isopropylbenzene

Curve Type: Average  
Weighting: Conc\_Sq  
Origin: Force  
Dependency: Response  
Calib Mode: ISTD  
Response Base: AREA  
RF Rounding: 0

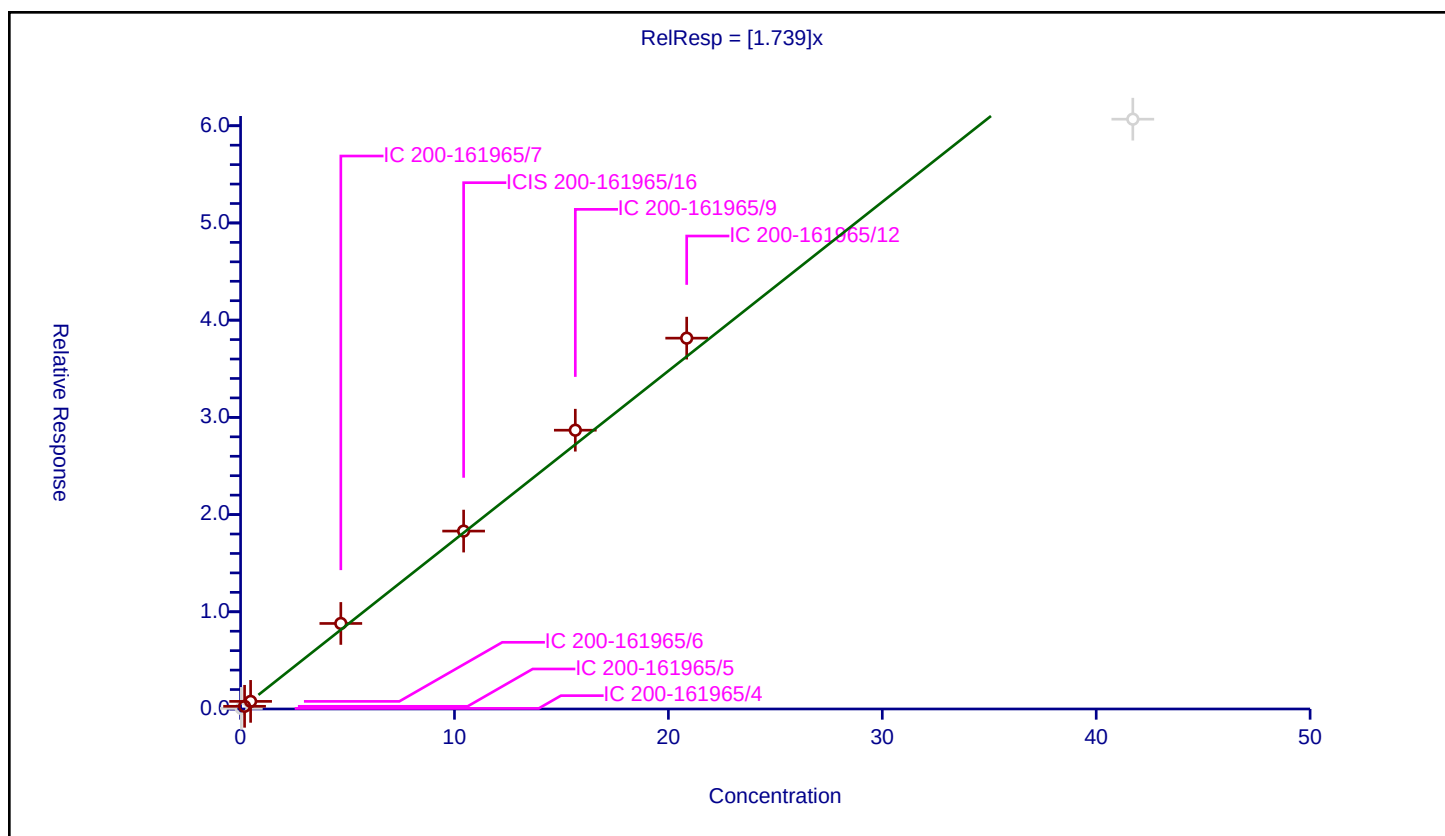
## Curve Coefficients

Intercept: 0  
Slope: 1.739

## Error Coefficients

Standard Error: 8470000  
Relative Standard Error: 8.7  
Correlation Coefficient: 0.999  
Coefficient of Determination (Adjusted): 0.992

| ID | Level              | Concentration | Rel. Resp. | IS Amount | IS Response | RRF      | Used |
|----|--------------------|---------------|------------|-----------|-------------|----------|------|
| 1  | IC 200-161965/4    | 0.036585      | 0.062076   | 10.0      | 3372173.0   | 1.696741 | N    |
| 2  | IC 200-161965/5    | 0.188153      | 0.276501   | 10.0      | 3296908.0   | 1.469559 | Y    |
| 3  | IC 200-161965/6    | 0.469775      | 0.78419    | 10.0      | 3387200.0   | 1.66929  | Y    |
| 4  | IC 200-161965/7    | 4.686519      | 8.798174   | 10.0      | 3401748.0   | 1.877337 | Y    |
| 5  | ICIS 200-161965/16 | 10.427976     | 18.302075  | 10.0      | 3850470.0   | 1.755094 | Y    |
| 6  | IC 200-161965/9    | 15.64871      | 28.680312  | 10.0      | 3700754.0   | 1.832759 | Y    |
| 7  | IC 200-161965/12   | 20.855953     | 38.147893  | 10.0      | 3588044.0   | 1.829113 | Y    |
| 8  | IC 200-161965/13   | 41.711906     | 60.674274  | 10.0      | 3998138.0   | 1.454603 | N    |



# 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

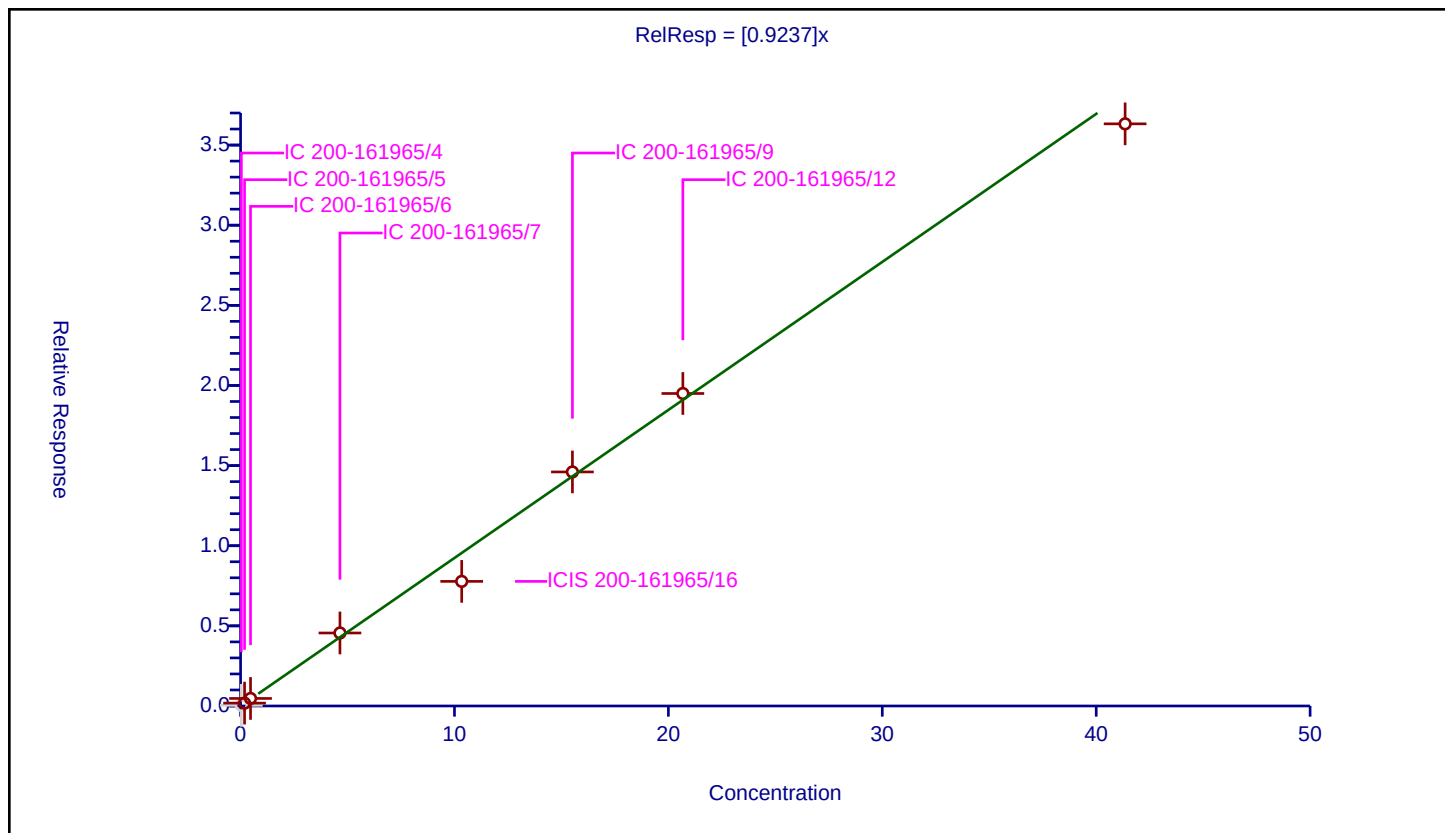
## Curve Coefficients

Intercept: 0  
Slope: 0.9237

## Error Coefficients

Standard Error: 7080000  
Relative Standard Error: 9.3  
Correlation Coefficient: 0.998  
Coefficient of Determination (Adjusted): 0.990

| ID | Level              | Concentration | Rel. Resp. | IS Amount | IS Response | RRF      | Used |
|----|--------------------|---------------|------------|-----------|-------------|----------|------|
| 1  | IC 200-161965/4    | 0.03627       | 0.041439   | 10.0      | 3372173.0   | 1.142533 | N    |
| 2  | IC 200-161965/5    | 0.186529      | 0.179365   | 10.0      | 3296908.0   | 0.961592 | Y    |
| 3  | IC 200-161965/6    | 0.465721      | 0.46981    | 10.0      | 3387200.0   | 1.008779 | Y    |
| 4  | IC 200-161965/7    | 4.646079      | 4.555035   | 10.0      | 3401748.0   | 0.980404 | Y    |
| 5  | ICIS 200-161965/16 | 10.337994     | 7.774176   | 10.0      | 3850470.0   | 0.752    | Y    |
| 6  | IC 200-161965/9    | 15.513678     | 14.603146  | 10.0      | 3700754.0   | 0.941308 | Y    |
| 7  | IC 200-161965/12   | 20.675988     | 19.498944  | 10.0      | 3588044.0   | 0.943072 | Y    |
| 8  | IC 200-161965/13   | 41.351976     | 36.324194  | 10.0      | 3998138.0   | 0.878415 | 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

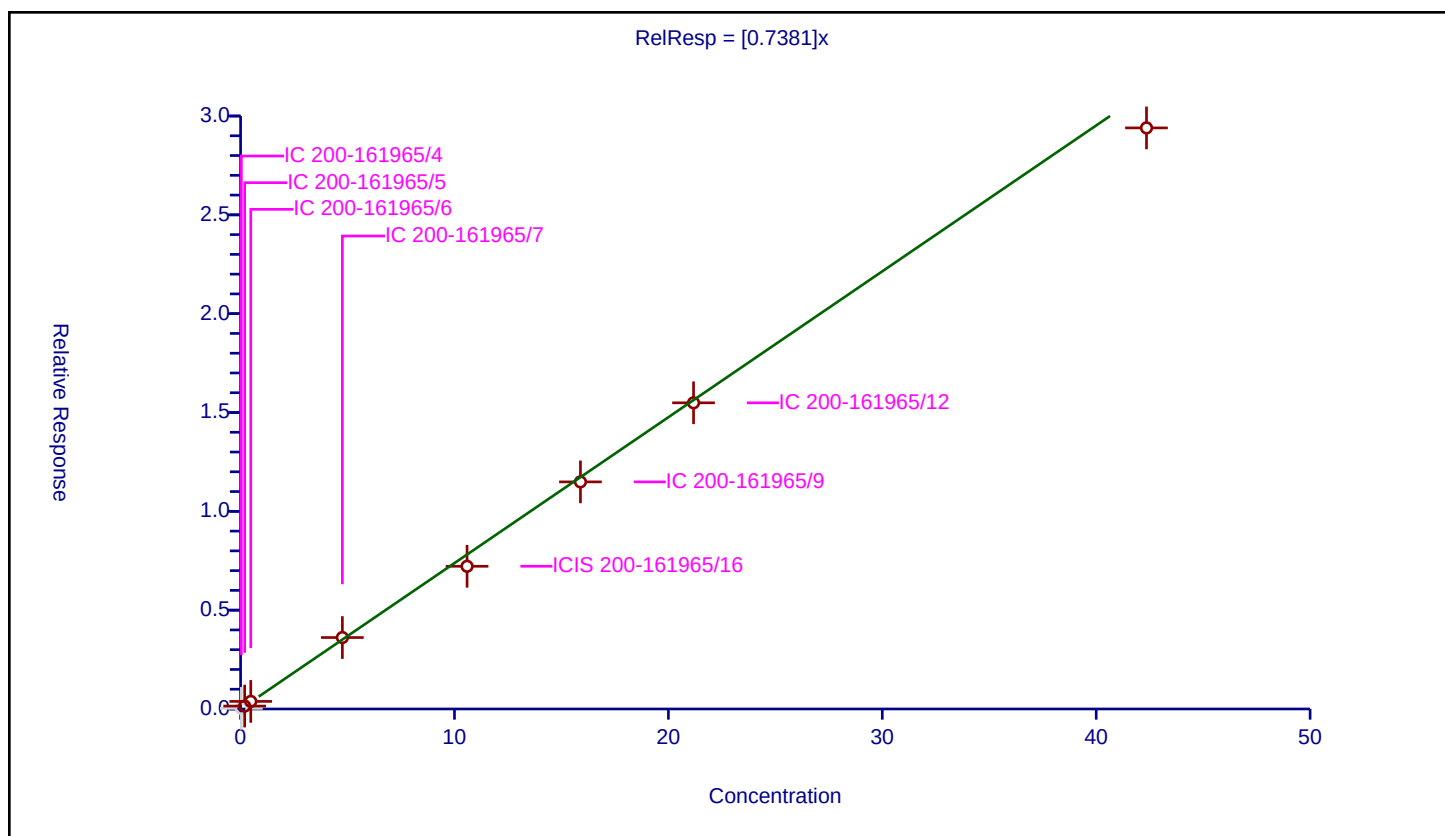
## Curve Coefficients

Intercept: 0  
 Slope: 0.7381

## Error Coefficients

Standard Error: 5720000  
 Relative Standard Error: 5.9  
 Correlation Coefficient: 0.999  
 Coefficient of Determination (Adjusted): 0.996

| ID | Level              | Concentration | Rel. Resp. | IS Amount | IS Response | RRF      | Used |
|----|--------------------|---------------|------------|-----------|-------------|----------|------|
| 1  | IC 200-161965/4    | 0.037146      | 0.032178   | 10.0      | 3372173.0   | 0.866248 | N    |
| 2  | IC 200-161965/5    | 0.191039      | 0.147556   | 10.0      | 3296908.0   | 0.772389 | Y    |
| 3  | IC 200-161965/6    | 0.476981      | 0.383287   | 10.0      | 3387200.0   | 0.803568 | Y    |
| 4  | IC 200-161965/7    | 4.758412      | 3.614815   | 10.0      | 3401748.0   | 0.759668 | Y    |
| 5  | ICIS 200-161965/16 | 10.587945     | 7.220485   | 10.0      | 3850470.0   | 0.681953 | Y    |
| 6  | IC 200-161965/9    | 15.888767     | 11.490391  | 10.0      | 3700754.0   | 0.723177 | Y    |
| 7  | IC 200-161965/12   | 21.175891     | 15.490437  | 10.0      | 3588044.0   | 0.731513 | Y    |
| 8  | IC 200-161965/13   | 42.351782     | 29.39842   | 10.0      | 3998138.0   | 0.694148 | Y    |



## Calibration

/ N-Propylbenzene

Curve Type: Average  
Weighting: Conc\_Sq  
Origin: Force  
Dependency: Response  
Calib Mode: ISTD  
Response Base: AREA  
RF Rounding: 0

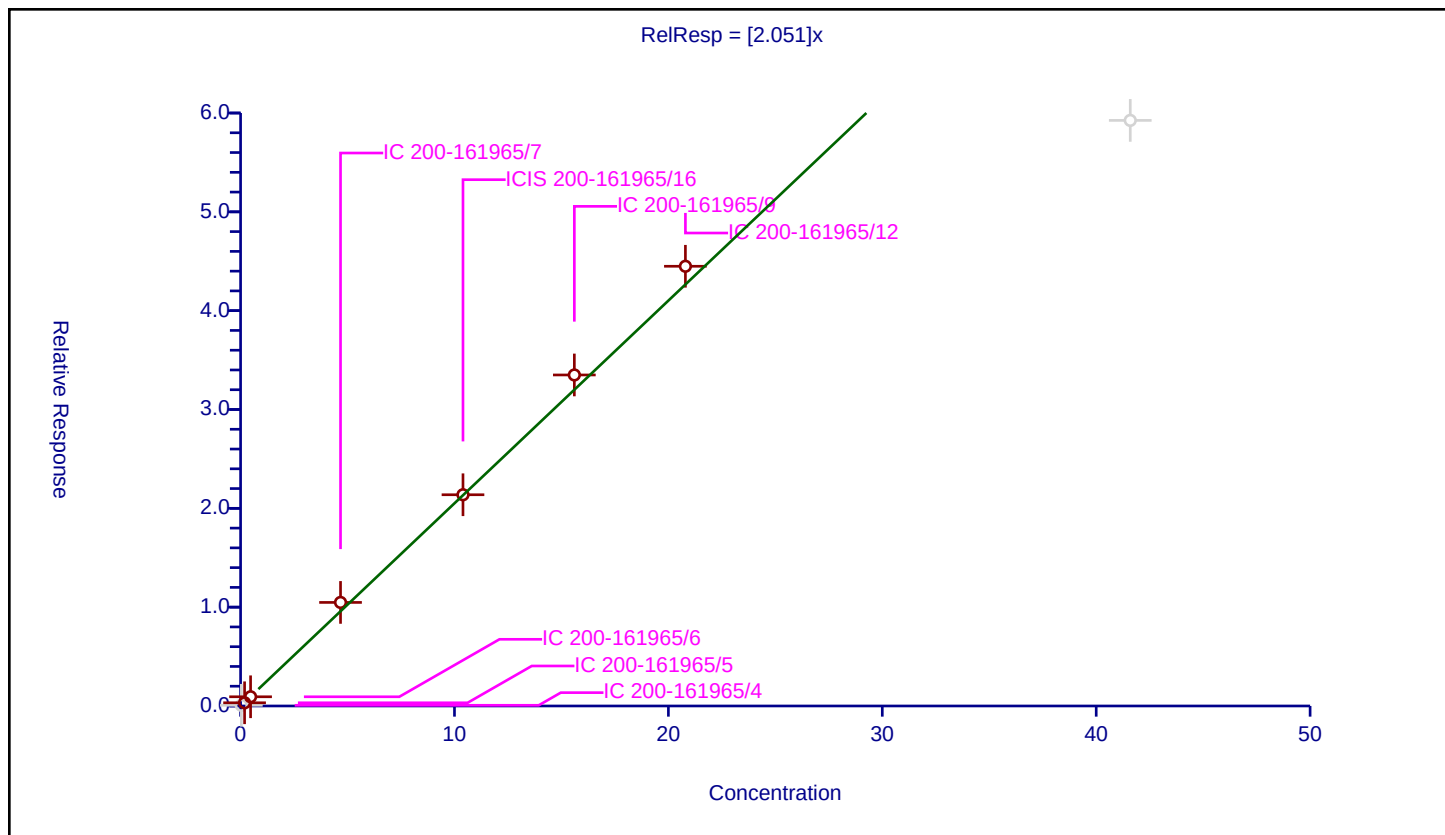
## Curve Coefficients

Intercept: 0  
Slope: 2.051

## Error Coefficients

Standard Error: 9890000  
Relative Standard Error: 8.7  
Correlation Coefficient: 0.999  
Coefficient of Determination (Adjusted): 0.992

| ID | Level              | Concentration | Rel. Resp. | IS Amount | IS Response | RRF      | Used |
|----|--------------------|---------------|------------|-----------|-------------|----------|------|
| 1  | IC 200-161965/4    | 0.03648       | 0.070299   | 10.0      | 3372173.0   | 1.927052 | N    |
| 2  | IC 200-161965/5    | 0.187612      | 0.32512    | 10.0      | 3296908.0   | 1.732941 | Y    |
| 3  | IC 200-161965/6    | 0.468424      | 0.931433   | 10.0      | 3387200.0   | 1.988442 | Y    |
| 4  | IC 200-161965/7    | 4.673039      | 10.477854  | 10.0      | 3401748.0   | 2.242193 | Y    |
| 5  | ICIS 200-161965/16 | 10.397982     | 21.375009  | 10.0      | 3850470.0   | 2.055688 | Y    |
| 6  | IC 200-161965/9    | 15.603699     | 33.493972  | 10.0      | 3700754.0   | 2.14654  | Y    |
| 7  | IC 200-161965/12   | 20.795965     | 44.492961  | 10.0      | 3588044.0   | 2.1395   | Y    |
| 8  | IC 200-161965/13   | 41.591929     | 59.251432  | 10.0      | 3998138.0   | 1.42459  | N    |



## Calibration

## / 2-Chlorotoluene

Curve Type: Average  
Weighting: Conc\_Sq  
Origin: Force  
Dependency: Response  
Calib Mode: ISTD  
Response Base: AREA  
RF Rounding: 0

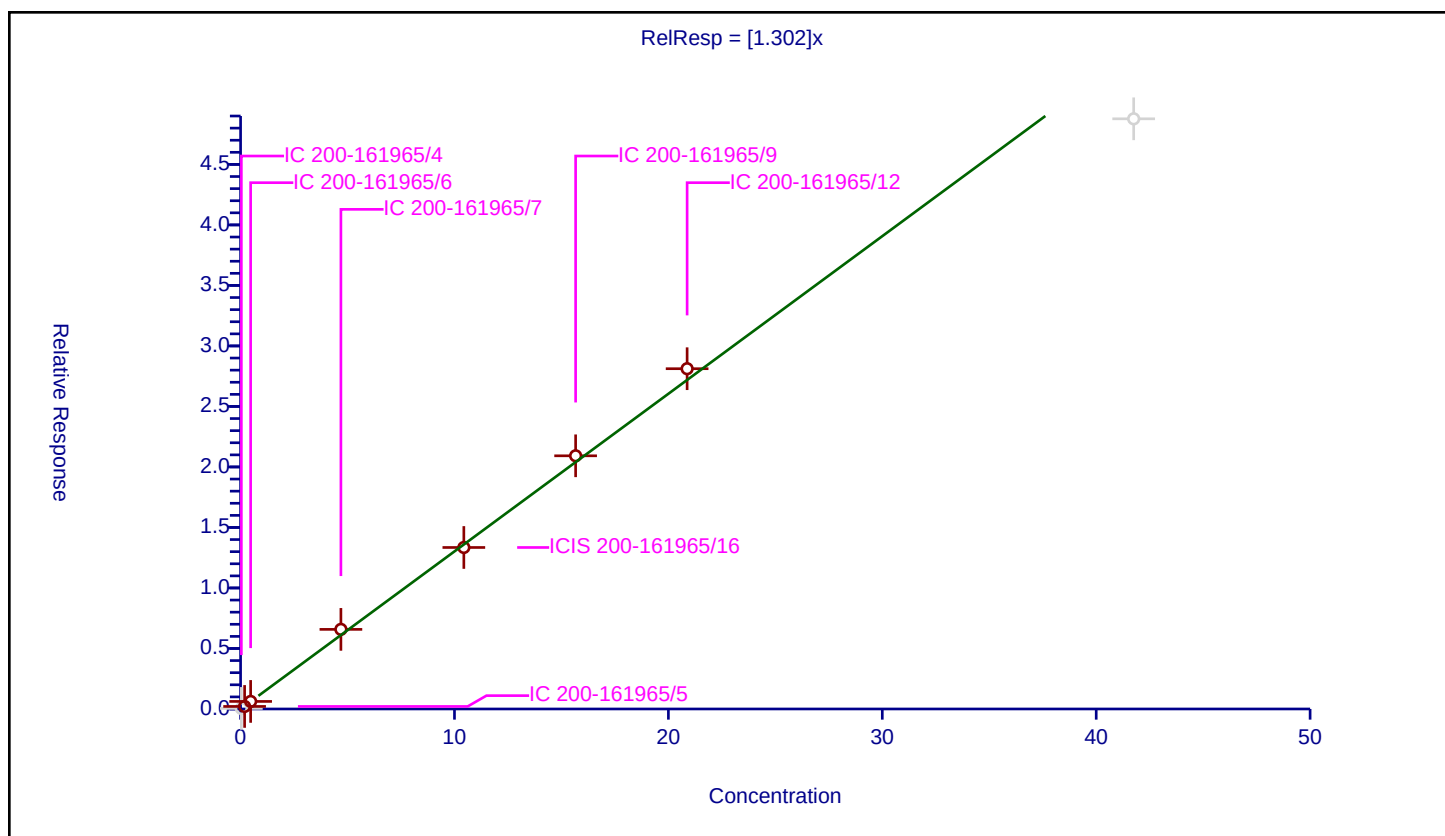
## Curve Coefficients

Intercept: 0  
Slope: 1.302

## Error Coefficients

Standard Error: 6220000  
Relative Standard Error: 7.4  
Correlation Coefficient: 1.000  
Coefficient of Determination (Adjusted): 0.994

| ID | Level              | Concentration | Rel. Resp. | IS Amount | IS Response | RRF      | Used |
|----|--------------------|---------------|------------|-----------|-------------|----------|------|
| 1  | IC 200-161965/4    | 0.03662       | 0.048447   | 10.0      | 3372173.0   | 1.32294  | N    |
| 2  | IC 200-161965/5    | 0.188333      | 0.211377   | 10.0      | 3296908.0   | 1.122356 | Y    |
| 3  | IC 200-161965/6    | 0.470225      | 0.624666   | 10.0      | 3387200.0   | 1.328441 | Y    |
| 4  | IC 200-161965/7    | 4.691012      | 6.578424   | 10.0      | 3401748.0   | 1.402346 | Y    |
| 5  | ICIS 200-161965/16 | 10.437975     | 13.345366  | 10.0      | 3850470.0   | 1.27854  | Y    |
| 6  | IC 200-161965/9    | 15.663713     | 20.922842  | 10.0      | 3700754.0   | 1.335752 | Y    |
| 7  | IC 200-161965/12   | 20.875949     | 28.119184  | 10.0      | 3588044.0   | 1.346966 | Y    |
| 8  | IC 200-161965/13   | 41.751898     | 48.767886  | 10.0      | 3998138.0   | 1.16804  | N    |



## Calibration

/ 4-Ethyltoluene

Curve Type: Average  
Weighting: Conc\_Sq  
Origin: Force  
Dependency: Response  
Calib Mode: ISTD  
Response Base: AREA  
RF Rounding: 0

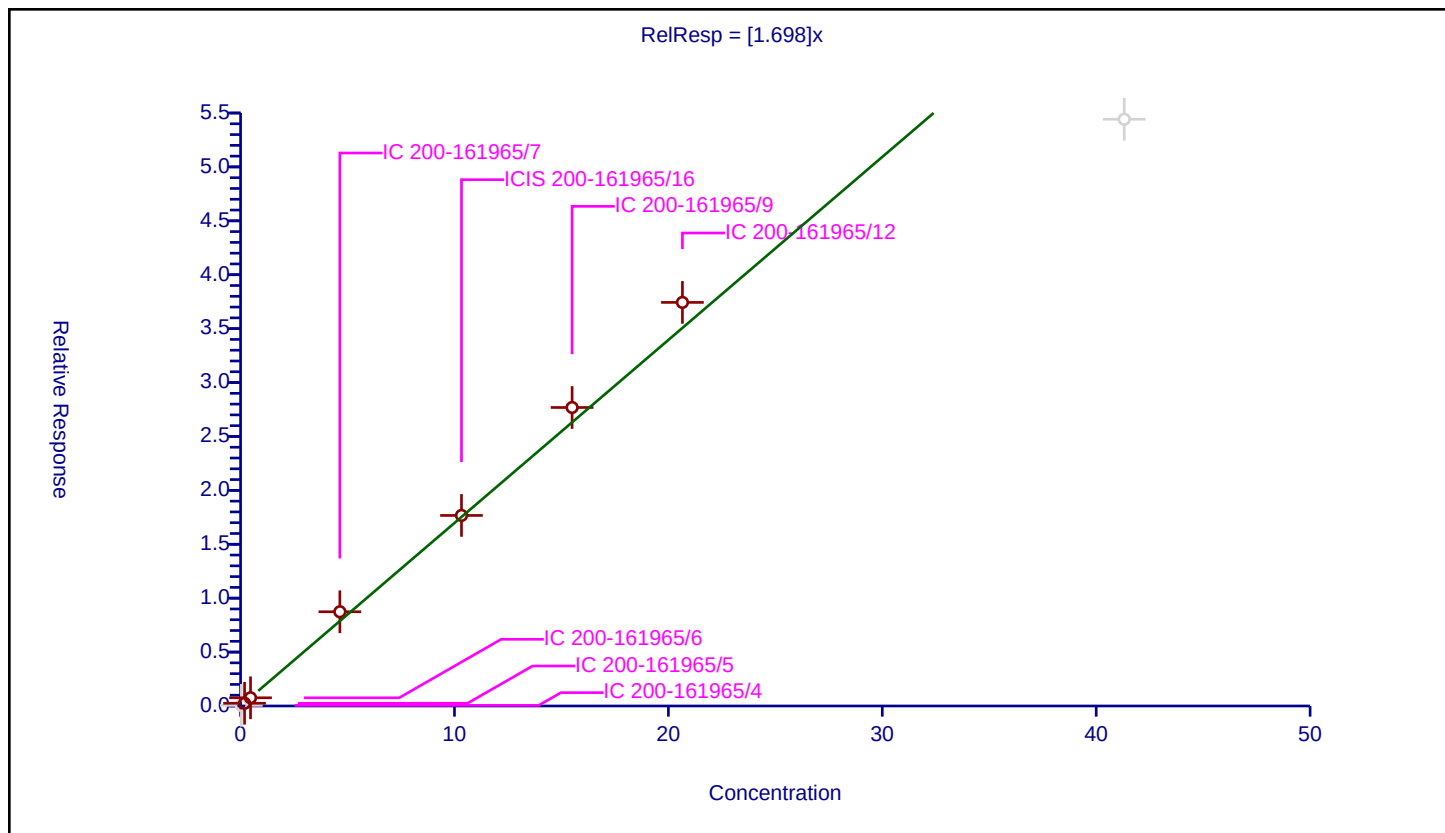
## Curve Coefficients

Intercept: 0  
Slope: 1.698

## Error Coefficients

Standard Error: 8250000  
Relative Standard Error: 11.0  
Correlation Coefficient: 1.000  
Coefficient of Determination (Adjusted): 0.987

| ID | Level              | Concentration | Rel. Resp. | IS Amount | IS Response | RRF      | Used |
|----|--------------------|---------------|------------|-----------|-------------|----------|------|
| 1  | IC 200-161965/4    | 0.036234      | 0.058476   | 10.0      | 3372173.0   | 1.613812 | N    |
| 2  | IC 200-161965/5    | 0.186349      | 0.253052   | 10.0      | 3296908.0   | 1.35795  | Y    |
| 3  | IC 200-161965/6    | 0.465271      | 0.760534   | 10.0      | 3387200.0   | 1.634605 | Y    |
| 4  | IC 200-161965/7    | 4.641586      | 8.740215   | 10.0      | 3401748.0   | 1.883024 | Y    |
| 5  | ICIS 200-161965/16 | 10.327996     | 17.674653  | 10.0      | 3850470.0   | 1.711334 | Y    |
| 6  | IC 200-161965/9    | 15.498674     | 27.686558  | 10.0      | 3700754.0   | 1.786382 | Y    |
| 7  | IC 200-161965/12   | 20.655992     | 37.433788  | 10.0      | 3588044.0   | 1.812248 | Y    |
| 8  | IC 200-161965/13   | 41.311983     | 54.422306  | 10.0      | 3998138.0   | 1.317349 | N    |





## Calibration

/ 1,3,5-Trimethylbenzene

Curve Type: Average  
Weighting: Conc\_Sq  
Origin: Force  
Dependency: Response  
Calib Mode: ISTD  
Response Base: AREA  
RF Rounding: 0

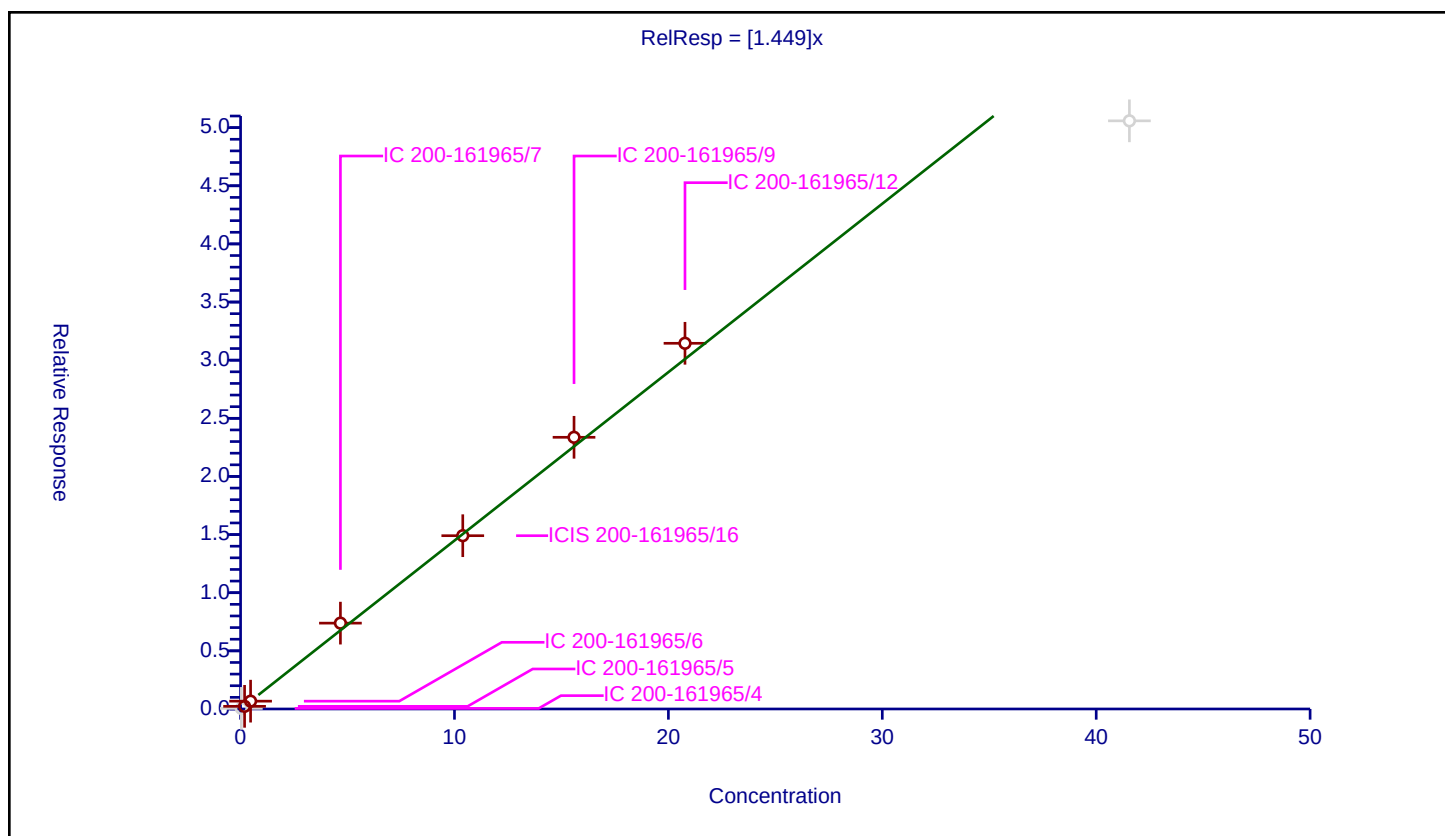
## Curve Coefficients

Intercept: 0  
Slope: 1.449

## Error Coefficients

Standard Error: 6950000  
Relative Standard Error: 8.5  
Correlation Coefficient: 1.000  
Coefficient of Determination (Adjusted): 0.992

| ID | Level              | Concentration | Rel. Resp. | IS Amount | IS Response | RRF      | Used |
|----|--------------------|---------------|------------|-----------|-------------|----------|------|
| 1  | IC 200-161965/4    | 0.036445      | 0.050952   | 10.0      | 3372173.0   | 1.398063 | N    |
| 2  | IC 200-161965/5    | 0.187431      | 0.228927   | 10.0      | 3296908.0   | 1.221391 | Y    |
| 3  | IC 200-161965/6    | 0.467973      | 0.674076   | 10.0      | 3387200.0   | 1.440416 | Y    |
| 4  | IC 200-161965/7    | 4.668546      | 7.384768   | 10.0      | 3401748.0   | 1.581813 | Y    |
| 5  | ICIS 200-161965/16 | 10.387984     | 14.905123  | 10.0      | 3850470.0   | 1.434843 | Y    |
| 6  | IC 200-161965/9    | 15.588696     | 23.367081  | 10.0      | 3700754.0   | 1.498976 | Y    |
| 7  | IC 200-161965/12   | 20.775968     | 31.453198  | 10.0      | 3588044.0   | 1.513922 | Y    |
| 8  | IC 200-161965/13   | 41.551937     | 50.58568   | 10.0      | 3998138.0   | 1.217408 | N    |



## Calibration

/ n-Decane

Curve Type: Average  
Weighting: Conc\_Sq  
Origin: Force  
Dependency: Response  
Calib Mode: ISTD  
Response Base: AREA  
RF Rounding: 0

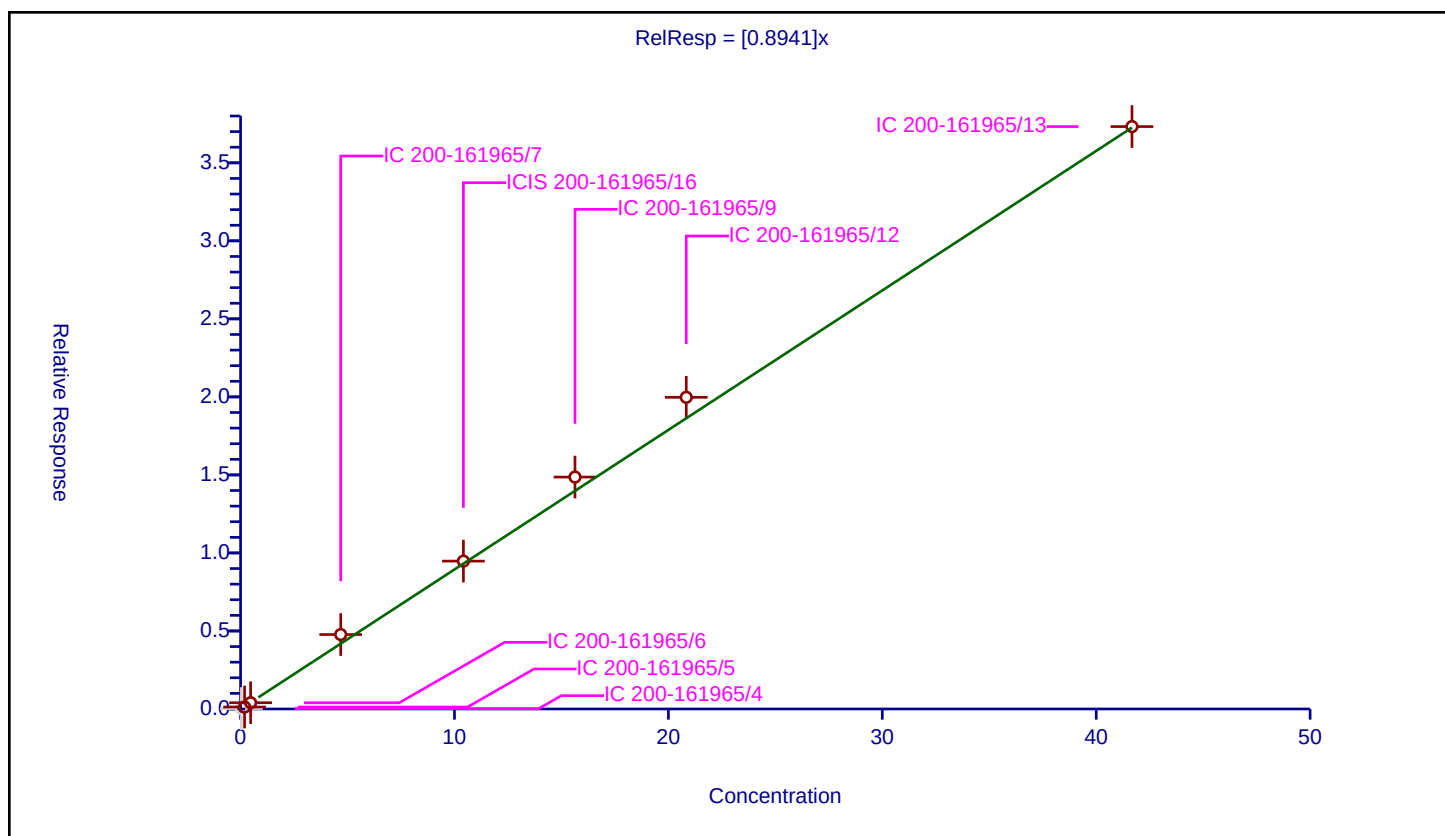
## Curve Coefficients

Intercept: 0  
Slope: 0.8941

## Error Coefficients

Standard Error: 7310000  
Relative Standard Error: 12.4  
Correlation Coefficient: 1.000  
Coefficient of Determination (Adjusted): 0.984

| ID | Level              | Concentration | Rel. Resp. | IS Amount | IS Response | RRF      | Used |
|----|--------------------|---------------|------------|-----------|-------------|----------|------|
| 1  | IC 200-161965/4    | 0.03655       | 0.024263   | 10.0      | 3372173.0   | 0.663835 | N    |
| 2  | IC 200-161965/5    | 0.187972      | 0.12647    | 10.0      | 3296908.0   | 0.672812 | Y    |
| 3  | IC 200-161965/6    | 0.469324      | 0.400077   | 10.0      | 3387200.0   | 0.852452 | Y    |
| 4  | IC 200-161965/7    | 4.682025      | 4.770821   | 10.0      | 3401748.0   | 1.018965 | Y    |
| 5  | ICIS 200-161965/16 | 10.417978     | 9.475898   | 10.0      | 3850470.0   | 0.909572 | Y    |
| 6  | IC 200-161965/9    | 15.633706     | 14.860696  | 10.0      | 3700754.0   | 0.950555 | Y    |
| 7  | IC 200-161965/12   | 20.835957     | 19.972659  | 10.0      | 3588044.0   | 0.958567 | Y    |
| 8  | IC 200-161965/13   | 41.671914     | 37.323522  | 10.0      | 3998138.0   | 0.895652 | Y    |



## Calibration

/ Alpha Methyl Styrene

Curve Type: Average  
Weighting: Conc\_Sq  
Origin: Force  
Dependency: Response  
Calib Mode: ISTD  
Response Base: AREA  
RF Rounding: 0

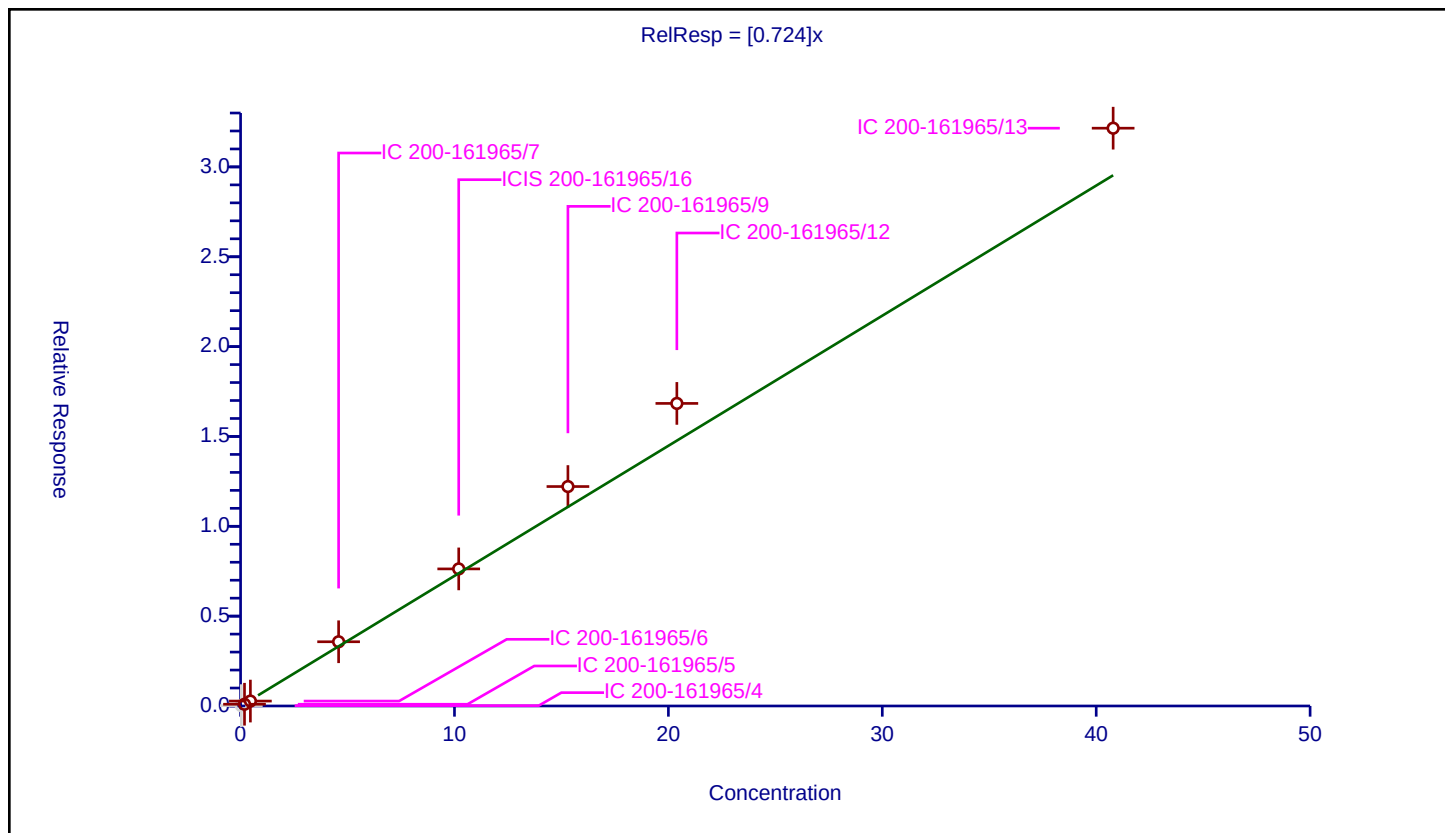
## Curve Coefficients

Intercept: 0  
Slope: 0.724

## Error Coefficients

Standard Error: 6220000  
Relative Standard Error: 15.6  
Correlation Coefficient: 0.999  
Coefficient of Determination (Adjusted): 0.976

| ID | Level              | Concentration | Rel. Resp. | IS Amount | IS Response | RRF      | Used |
|----|--------------------|---------------|------------|-----------|-------------|----------|------|
| 1  | IC 200-161965/4    | 0.035778      | 0.020269   | 10.0      | 3372173.0   | 0.566509 | N    |
| 2  | IC 200-161965/5    | 0.184004      | 0.097907   | 10.0      | 3296908.0   | 0.532092 | Y    |
| 3  | IC 200-161965/6    | 0.459415      | 0.273896   | 10.0      | 3387200.0   | 0.596183 | Y    |
| 4  | IC 200-161965/7    | 4.583173      | 3.57403    | 10.0      | 3401748.0   | 0.779816 | Y    |
| 5  | ICIS 200-161965/16 | 10.198021     | 7.629149   | 10.0      | 3850470.0   | 0.748101 | Y    |
| 6  | IC 200-161965/9    | 15.303628     | 12.213665  | 10.0      | 3700754.0   | 0.79809  | Y    |
| 7  | IC 200-161965/12   | 20.396042     | 16.838233  | 10.0      | 3588044.0   | 0.825564 | Y    |
| 8  | IC 200-161965/13   | 40.792084     | 32.155383  | 10.0      | 3998138.0   | 0.788275 | Y    |



## Calibration

/ tert-Butylbenzene

Curve Type: Average  
Weighting: Conc\_Sq  
Origin: Force  
Dependency: Response  
Calib Mode: ISTD  
Response Base: AREA  
RF Rounding: 0

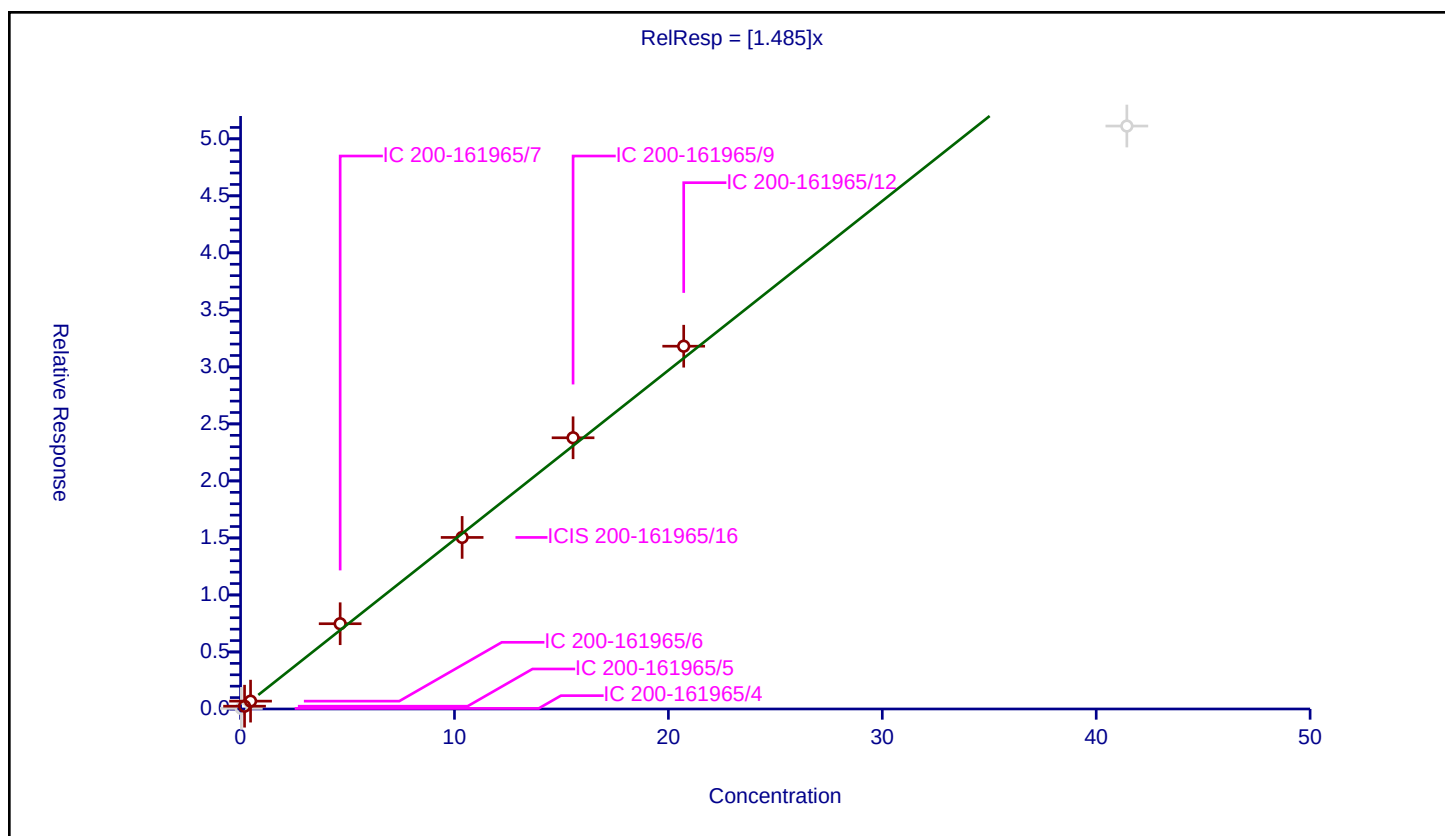
## Curve Coefficients

Intercept: 0  
Slope: 1.485

## Error Coefficients

Standard Error: 7040000  
Relative Standard Error: 6.9  
Correlation Coefficient: 1.000  
Coefficient of Determination (Adjusted): 0.995

| ID | Level              | Concentration | Rel. Resp. | IS Amount | IS Response | RRF      | Used |
|----|--------------------|---------------|------------|-----------|-------------|----------|------|
| 1  | IC 200-161965/4    | 0.03634       | 0.053099   | 10.0      | 3372173.0   | 1.461192 | N    |
| 2  | IC 200-161965/5    | 0.18689       | 0.244356   | 10.0      | 3296908.0   | 1.307487 | Y    |
| 3  | IC 200-161965/6    | 0.466622      | 0.689274   | 10.0      | 3387200.0   | 1.477158 | Y    |
| 4  | IC 200-161965/7    | 4.655066      | 7.47807    | 10.0      | 3401748.0   | 1.606437 | Y    |
| 5  | ICIS 200-161965/16 | 10.35799      | 15.045291  | 10.0      | 3850470.0   | 1.45253  | Y    |
| 6  | IC 200-161965/9    | 15.543685     | 23.784653  | 10.0      | 3700754.0   | 1.530181 | Y    |
| 7  | IC 200-161965/12   | 20.71598      | 31.814601  | 10.0      | 3588044.0   | 1.535752 | Y    |
| 8  | IC 200-161965/13   | 41.43196      | 51.121002  | 10.0      | 3998138.0   | 1.233854 | N    |



# Calibration

/ 1,2,4-Trimethylbenzene

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

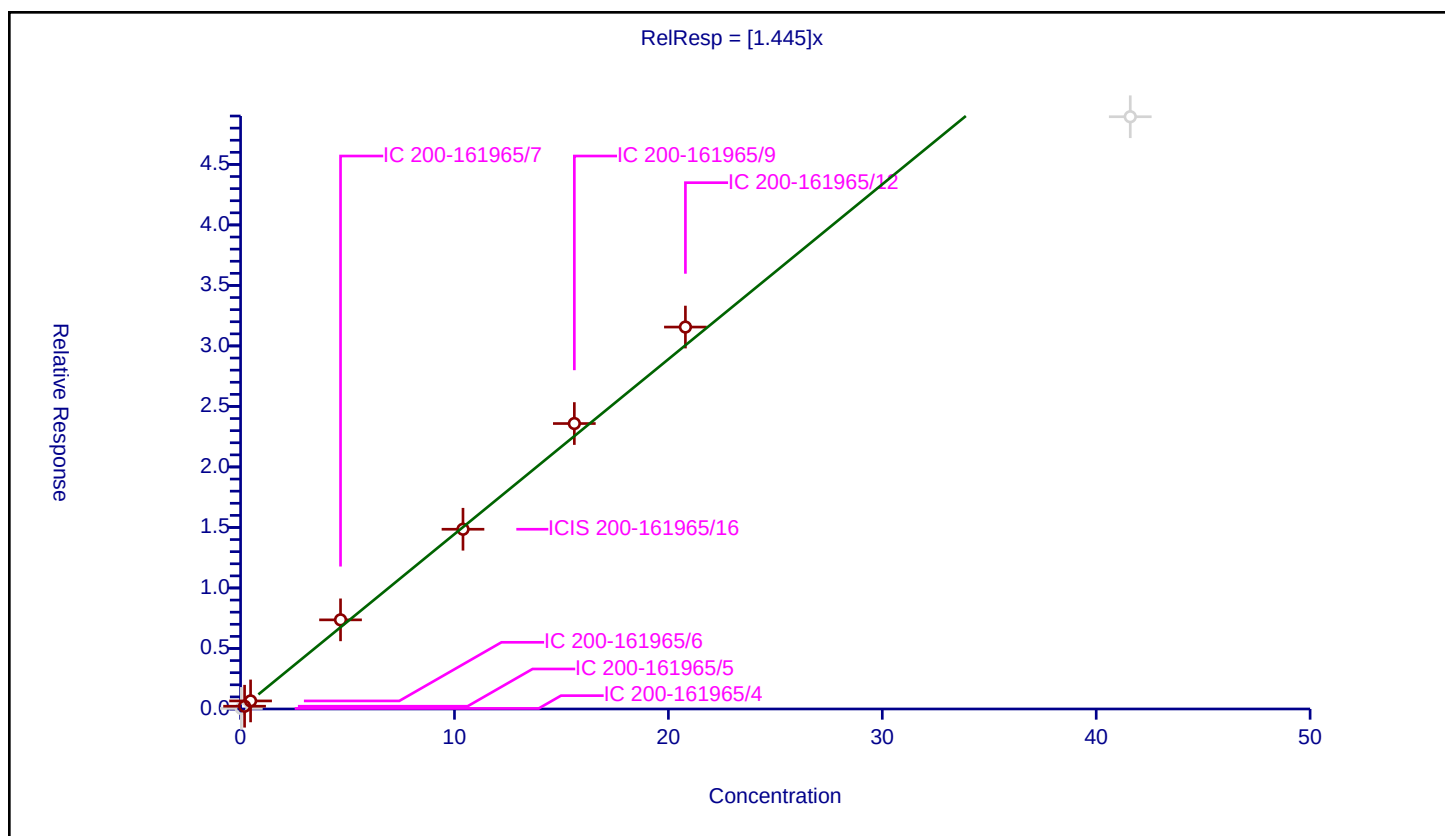
## Curve Coefficients

Intercept: 0  
 Slope: 1.445

## Error Coefficients

Standard Error: 6980000  
 Relative Standard Error: 8.8  
 Correlation Coefficient: 1.000  
 Coefficient of Determination (Adjusted): 0.992

| ID | Level              | Concentration | Rel. Resp. | IS Amount | IS Response | RRF      | Used |
|----|--------------------|---------------|------------|-----------|-------------|----------|------|
| 1  | IC 200-161965/4    | 0.03648       | 0.047246   | 10.0      | 3372173.0   | 1.295106 | N    |
| 2  | IC 200-161965/5    | 0.187612      | 0.228096   | 10.0      | 3296908.0   | 1.215786 | Y    |
| 3  | IC 200-161965/6    | 0.468424      | 0.665907   | 10.0      | 3387200.0   | 1.421591 | Y    |
| 4  | IC 200-161965/7    | 4.673039      | 7.365693   | 10.0      | 3401748.0   | 1.57621  | Y    |
| 5  | ICIS 200-161965/16 | 10.397982     | 14.852722  | 10.0      | 3850470.0   | 1.428423 | Y    |
| 6  | IC 200-161965/9    | 15.603699     | 23.587888  | 10.0      | 3700754.0   | 1.511686 | Y    |
| 7  | IC 200-161965/12   | 20.795965     | 31.560572  | 10.0      | 3588044.0   | 1.51763  | Y    |
| 8  | IC 200-161965/13   | 41.591929     | 48.939974  | 10.0      | 3998138.0   | 1.17667  | N    |



## Calibration

/ sec-Butylbenzene

Curve Type: Average  
Weighting: Conc\_Sq  
Origin: Force  
Dependency: Response  
Calib Mode: ISTD  
Response Base: AREA  
RF Rounding: 0

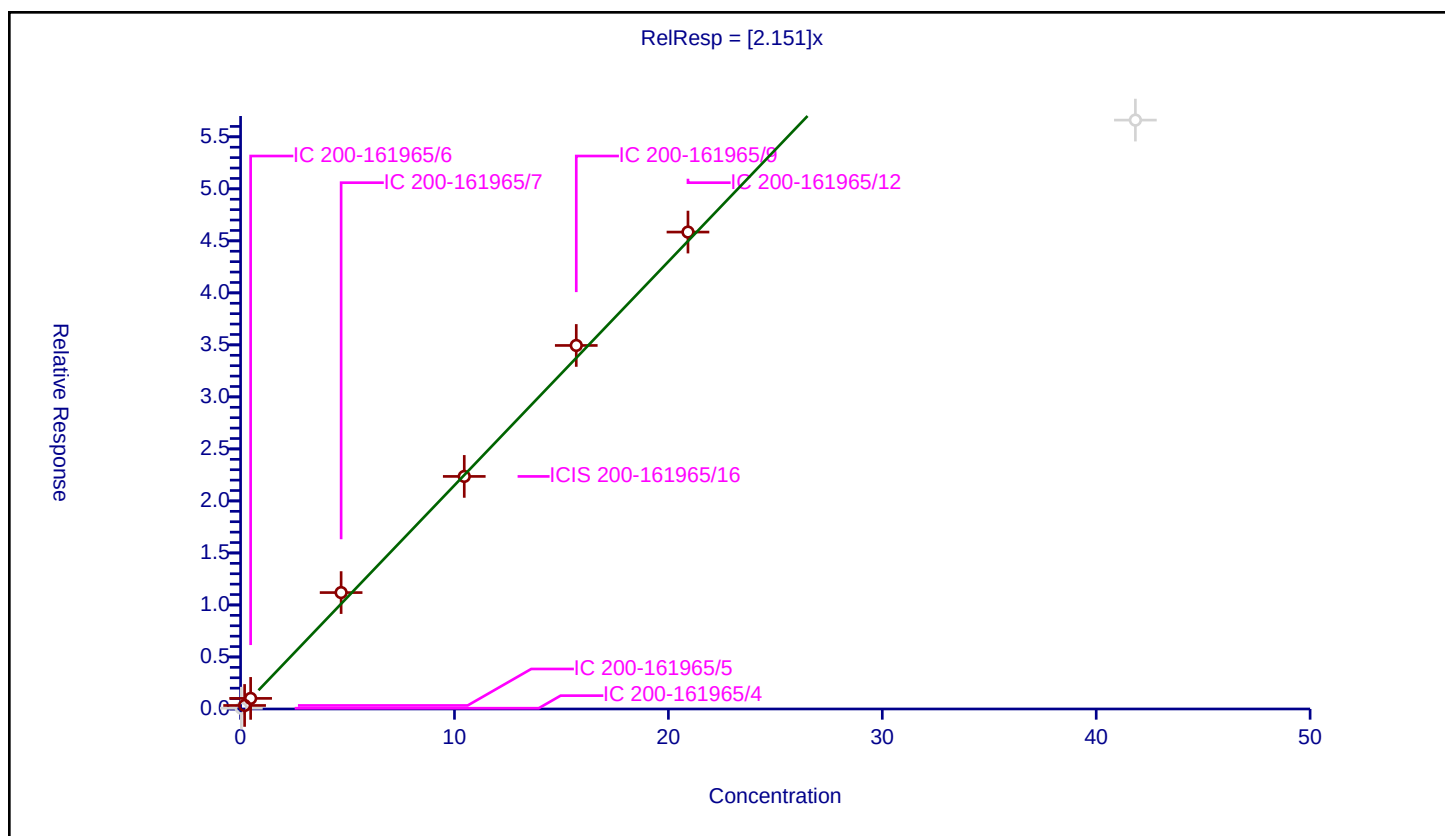
## Curve Coefficients

Intercept: 0  
Slope: 2.151

## Error Coefficients

Standard Error: 10300000  
Relative Standard Error: 8.8  
Correlation Coefficient: 0.999  
Coefficient of Determination (Adjusted): 0.991

| ID | Level              | Concentration | Rel. Resp. | IS Amount | IS Response | RRF      | Used |
|----|--------------------|---------------|------------|-----------|-------------|----------|------|
| 1  | IC 200-161965/4    | 0.03669       | 0.076654   | 10.0      | 3372173.0   | 2.089202 | N    |
| 2  | IC 200-161965/5    | 0.188694      | 0.340434   | 10.0      | 3296908.0   | 1.804161 | Y    |
| 3  | IC 200-161965/6    | 0.471126      | 1.018644   | 10.0      | 3387200.0   | 2.162147 | Y    |
| 4  | IC 200-161965/7    | 4.699999      | 11.189853  | 10.0      | 3401748.0   | 2.38082  | Y    |
| 5  | ICIS 200-161965/16 | 10.457971     | 22.356297  | 10.0      | 3850470.0   | 2.137728 | Y    |
| 6  | IC 200-161965/9    | 15.69372      | 34.94436   | 10.0      | 3700754.0   | 2.226646 | Y    |
| 7  | IC 200-161965/12   | 20.915941     | 45.843819  | 10.0      | 3588044.0   | 2.191812 | Y    |
| 8  | IC 200-161965/13   | 41.831883     | 56.607773  | 10.0      | 3998138.0   | 1.353221 | N    |



## Calibration

/ 1,3-Dichlorobenzene

Curve Type: Average  
Weighting: Conc\_Sq  
Origin: Force  
Dependency: Response  
Calib Mode: ISTD  
Response Base: AREA  
RF Rounding: 0

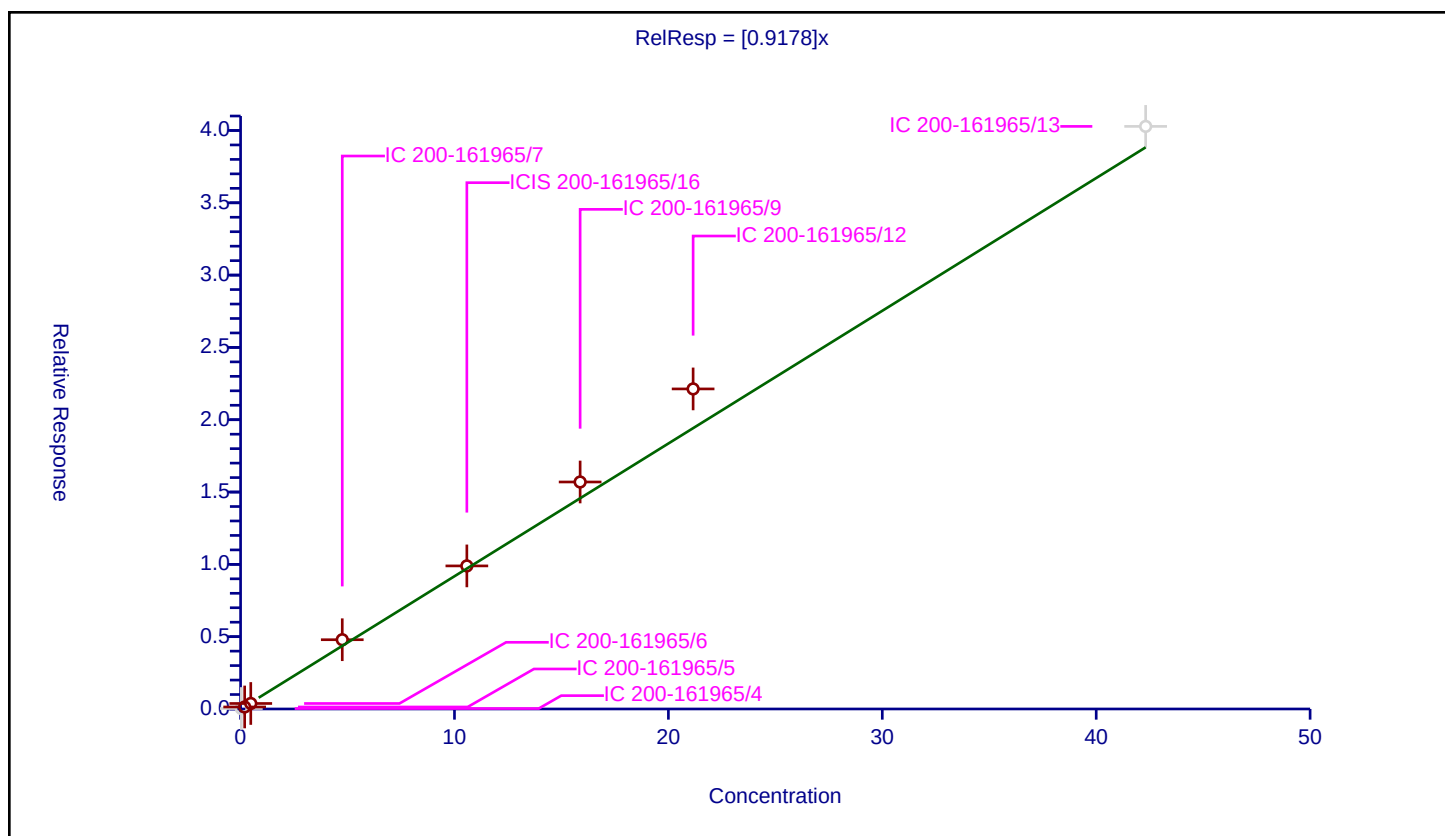
## Curve Coefficients

Intercept: 0  
Slope: 0.9178

## Error Coefficients

Standard Error: 4770000  
Relative Standard Error: 13.7  
Correlation Coefficient: 0.999  
Coefficient of Determination (Adjusted): 0.980

| ID | Level              | Concentration | Rel. Resp. | IS Amount | IS Response | RRF      | Used |
|----|--------------------|---------------|------------|-----------|-------------|----------|------|
| 1  | IC 200-161965/4    | 0.037111      | 0.031505   | 10.0      | 3372173.0   | 0.848928 | N    |
| 2  | IC 200-161965/5    | 0.190859      | 0.139285   | 10.0      | 3296908.0   | 0.729781 | Y    |
| 3  | IC 200-161965/6    | 0.476531      | 0.380863   | 10.0      | 3387200.0   | 0.799241 | Y    |
| 4  | IC 200-161965/7    | 4.753918      | 4.790096   | 10.0      | 3401748.0   | 1.00761  | Y    |
| 5  | ICIS 200-161965/16 | 10.577947     | 9.893016   | 10.0      | 3850470.0   | 0.935249 | Y    |
| 6  | IC 200-161965/9    | 15.873763     | 15.694731  | 10.0      | 3700754.0   | 0.988722 | Y    |
| 7  | IC 200-161965/12   | 21.155895     | 22.129938  | 10.0      | 3588044.0   | 1.046041 | Y    |
| 8  | IC 200-161965/13   | 42.311789     | 40.283602  | 10.0      | 3998138.0   | 0.952066 | N    |



## Calibration

/ 4-Isopropyltoluene

Curve Type: Average  
Weighting: Conc\_Sq  
Origin: Force  
Dependency: Response  
Calib Mode: ISTD  
Response Base: AREA  
RF Rounding: 0

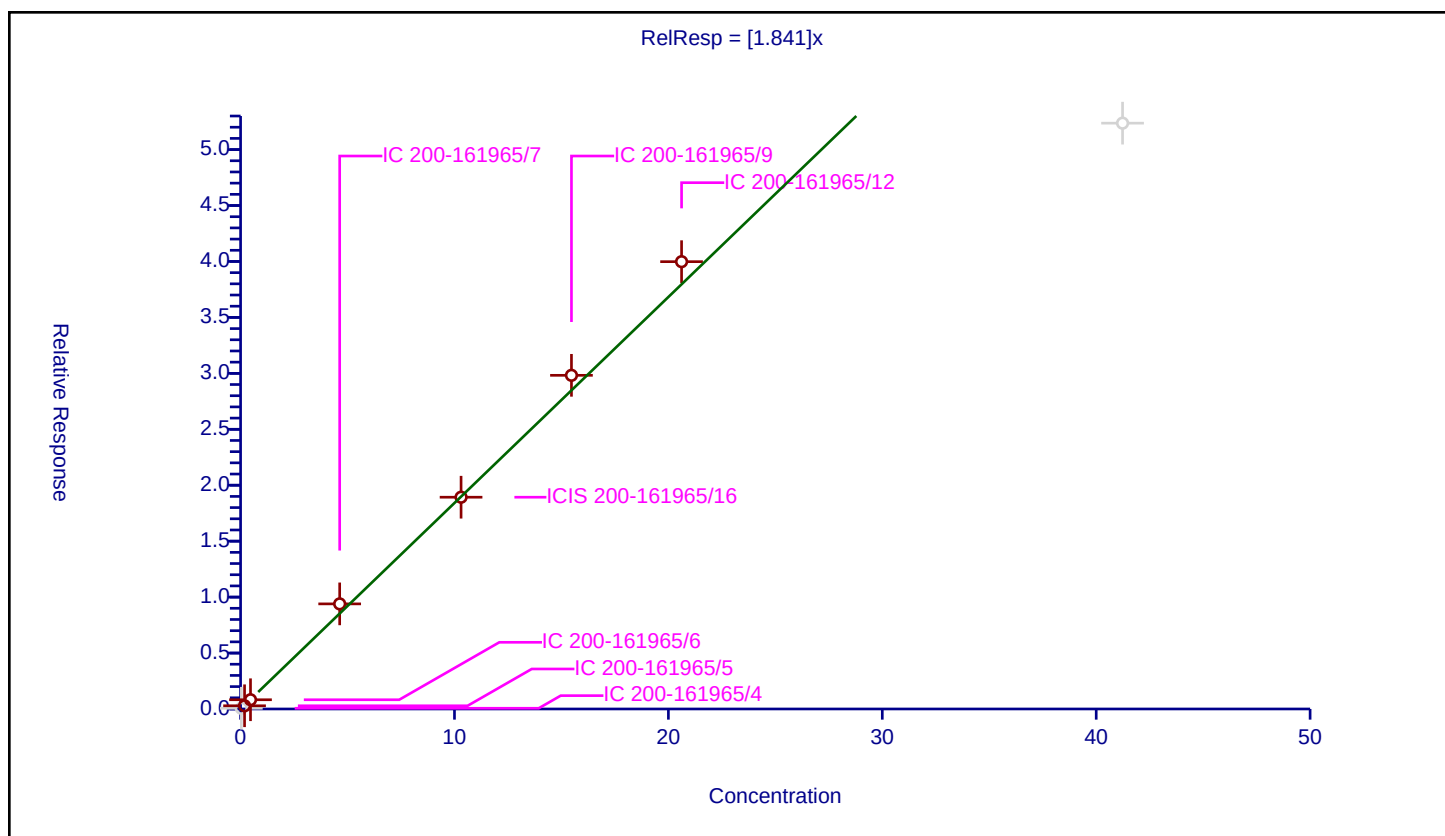
## Curve Coefficients

Intercept: 0  
Slope: 1.841

## Error Coefficients

Standard Error: 8840000  
Relative Standard Error: 9.3  
Correlation Coefficient: 1.000  
Coefficient of Determination (Adjusted): 0.990

| ID | Level              | Concentration | Rel. Resp. | IS Amount | IS Response | RRF      | Used |
|----|--------------------|---------------|------------|-----------|-------------|----------|------|
| 1  | IC 200-161965/4    | 0.036164      | 0.064469   | 10.0      | 3372173.0   | 1.782663 | N    |
| 2  | IC 200-161965/5    | 0.185988      | 0.286056   | 10.0      | 3296908.0   | 1.538034 | Y    |
| 3  | IC 200-161965/6    | 0.46437       | 0.825593   | 10.0      | 3387200.0   | 1.777879 | Y    |
| 4  | IC 200-161965/7    | 4.632599      | 9.39519    | 10.0      | 3401748.0   | 2.02806  | Y    |
| 5  | ICIS 200-161965/16 | 10.308        | 18.927518  | 10.0      | 3850470.0   | 1.836197 | Y    |
| 6  | IC 200-161965/9    | 15.468667     | 29.822812  | 10.0      | 3700754.0   | 1.92795  | Y    |
| 7  | IC 200-161965/12   | 20.615999     | 39.981288  | 10.0      | 3588044.0   | 1.939333 | Y    |
| 8  | IC 200-161965/13   | 41.231999     | 52.360919  | 10.0      | 3998138.0   | 1.26991  | N    |





## Calibration

/ 1,4-Dichlorobenzene

Curve Type: Average  
Weighting: Conc\_Sq  
Origin: Force  
Dependency: Response  
Calib Mode: ISTD  
Response Base: AREA  
RF Rounding: 0

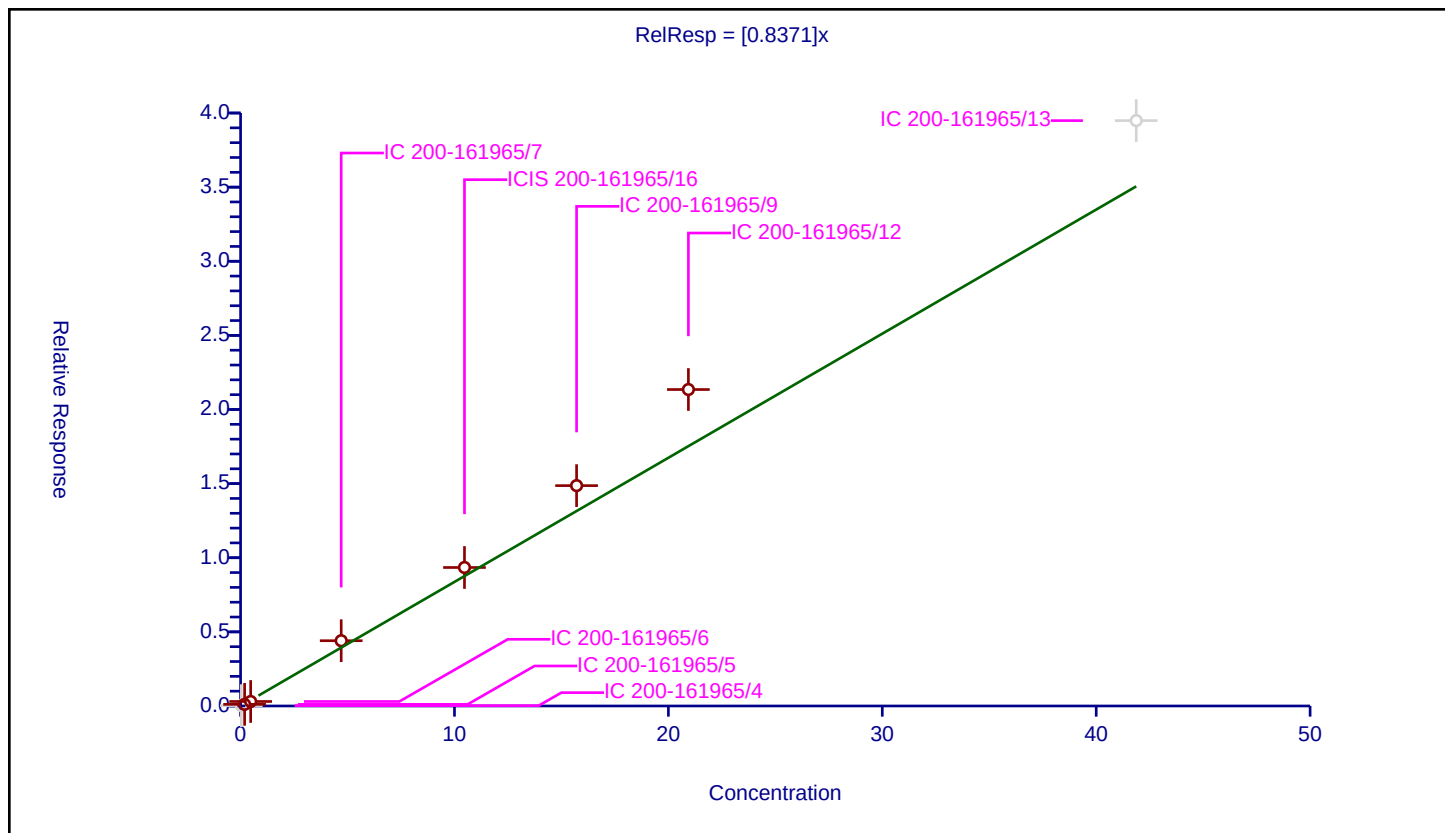
## Curve Coefficients

Intercept: 0  
Slope: 0.8371

## Error Coefficients

Standard Error: 4560000  
Relative Standard Error: 21.3  
Correlation Coefficient: 0.999  
Coefficient of Determination (Adjusted): 0.956

| ID | Level              | Concentration | Rel. Resp. | IS Amount | IS Response | RRF      | Used |
|----|--------------------|---------------|------------|-----------|-------------|----------|------|
| 1  | IC 200-161965/4    | 0.036726      | 0.025123   | 10.0      | 3372173.0   | 0.684081 | N    |
| 2  | IC 200-161965/5    | 0.188874      | 0.110643   | 10.0      | 3296908.0   | 0.585803 | Y    |
| 3  | IC 200-161965/6    | 0.471576      | 0.303191   | 10.0      | 3387200.0   | 0.642932 | Y    |
| 4  | IC 200-161965/7    | 4.704492      | 4.402357   | 10.0      | 3401748.0   | 0.935777 | Y    |
| 5  | ICIS 200-161965/16 | 10.467969     | 9.341538   | 10.0      | 3850470.0   | 0.892393 | Y    |
| 6  | IC 200-161965/9    | 15.708724     | 14.865384  | 10.0      | 3700754.0   | 0.946314 | Y    |
| 7  | IC 200-161965/12   | 20.935937     | 21.347313  | 10.0      | 3588044.0   | 1.019649 | Y    |
| 8  | IC 200-161965/13   | 41.871875     | 39.486561  | 10.0      | 3998138.0   | 0.943033 | N    |



## Calibration

/ Benzyl chloride

Curve Type: Average  
Weighting: Conc\_Sq  
Origin: Force  
Dependency: Response  
Calib Mode: ISTD  
Response Base: AREA  
RF Rounding: 0

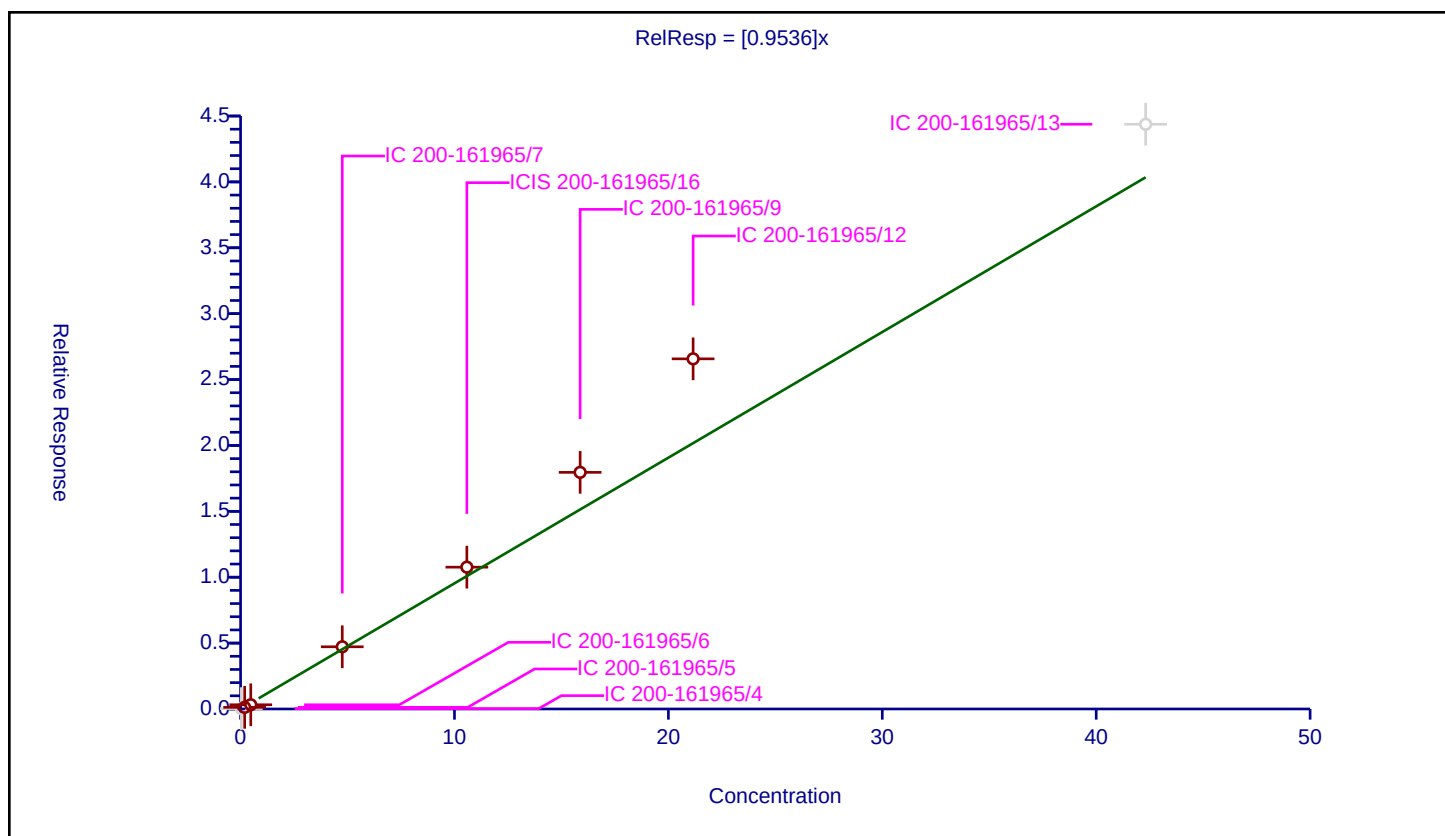
## Curve Coefficients

Intercept: 0  
Slope: 0.9536

## Error Coefficients

Standard Error: 5560000  
Relative Standard Error: 25.7  
Correlation Coefficient: 0.995  
Coefficient of Determination (Adjusted): 0.939

| ID | Level              | Concentration | Rel. Resp. | IS Amount | IS Response | RRF      | Used |
|----|--------------------|---------------|------------|-----------|-------------|----------|------|
| 1  | IC 200-161965/4    | 0.037111      | 0.026401   | 10.0      | 3372173.0   | 0.711409 | N    |
| 2  | IC 200-161965/5    | 0.190859      | 0.124001   | 10.0      | 3296908.0   | 0.649701 | Y    |
| 3  | IC 200-161965/6    | 0.476531      | 0.321197   | 10.0      | 3387200.0   | 0.674033 | Y    |
| 4  | IC 200-161965/7    | 4.753918      | 4.719959   | 10.0      | 3401748.0   | 0.992856 | Y    |
| 5  | ICIS 200-161965/16 | 10.577947     | 10.763078  | 10.0      | 3850470.0   | 1.017502 | Y    |
| 6  | IC 200-161965/9    | 15.873763     | 17.958073  | 10.0      | 3700754.0   | 1.131305 | Y    |
| 7  | IC 200-161965/12   | 21.155895     | 26.571826  | 10.0      | 3588044.0   | 1.256001 | Y    |
| 8  | IC 200-161965/13   | 42.311789     | 44.374121  | 10.0      | 3998138.0   | 1.048741 | N    |



## Calibration

/ n-Butylbenzene

Curve Type: Average  
Weighting: Conc\_Sq  
Origin: Force  
Dependency: Response  
Calib Mode: ISTD  
Response Base: AREA  
RF Rounding: 0

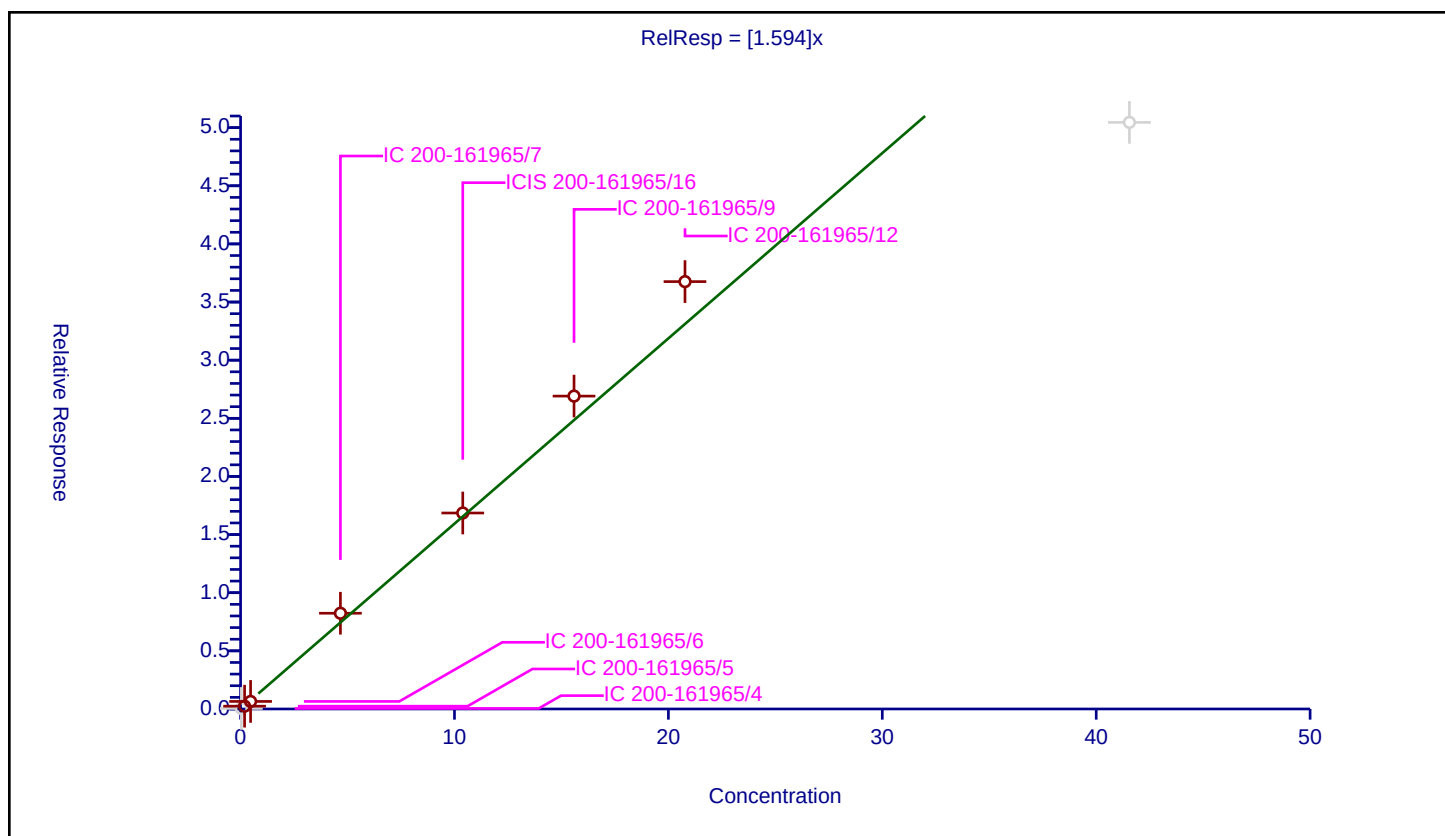
## Curve Coefficients

Intercept: 0  
Slope: 1.594

## Error Coefficients

Standard Error: 8040000  
Relative Standard Error: 12.9  
Correlation Coefficient: 1.000  
Coefficient of Determination (Adjusted): 0.982

| ID | Level              | Concentration | Rel. Resp. | IS Amount | IS Response | RRF      | Used |
|----|--------------------|---------------|------------|-----------|-------------|----------|------|
| 1  | IC 200-161965/4    | 0.036445      | 0.046071   | 10.0      | 3372173.0   | 1.264131 | N    |
| 2  | IC 200-161965/5    | 0.187431      | 0.24203    | 10.0      | 3296908.0   | 1.2913   | Y    |
| 3  | IC 200-161965/6    | 0.467973      | 0.649991   | 10.0      | 3387200.0   | 1.388949 | Y    |
| 4  | IC 200-161965/7    | 4.668546      | 8.234302   | 10.0      | 3401748.0   | 1.763783 | Y    |
| 5  | ICIS 200-161965/16 | 10.387984     | 16.857378  | 10.0      | 3850470.0   | 1.622777 | Y    |
| 6  | IC 200-161965/9    | 15.588696     | 26.911278  | 10.0      | 3700754.0   | 1.726333 | Y    |
| 7  | IC 200-161965/12   | 20.775968     | 36.756202  | 10.0      | 3588044.0   | 1.769169 | Y    |
| 8  | IC 200-161965/13   | 41.551937     | 50.452581  | 10.0      | 3998138.0   | 1.214205 | N    |



# Calibration

/ 1,2-Dichlorobenzene

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

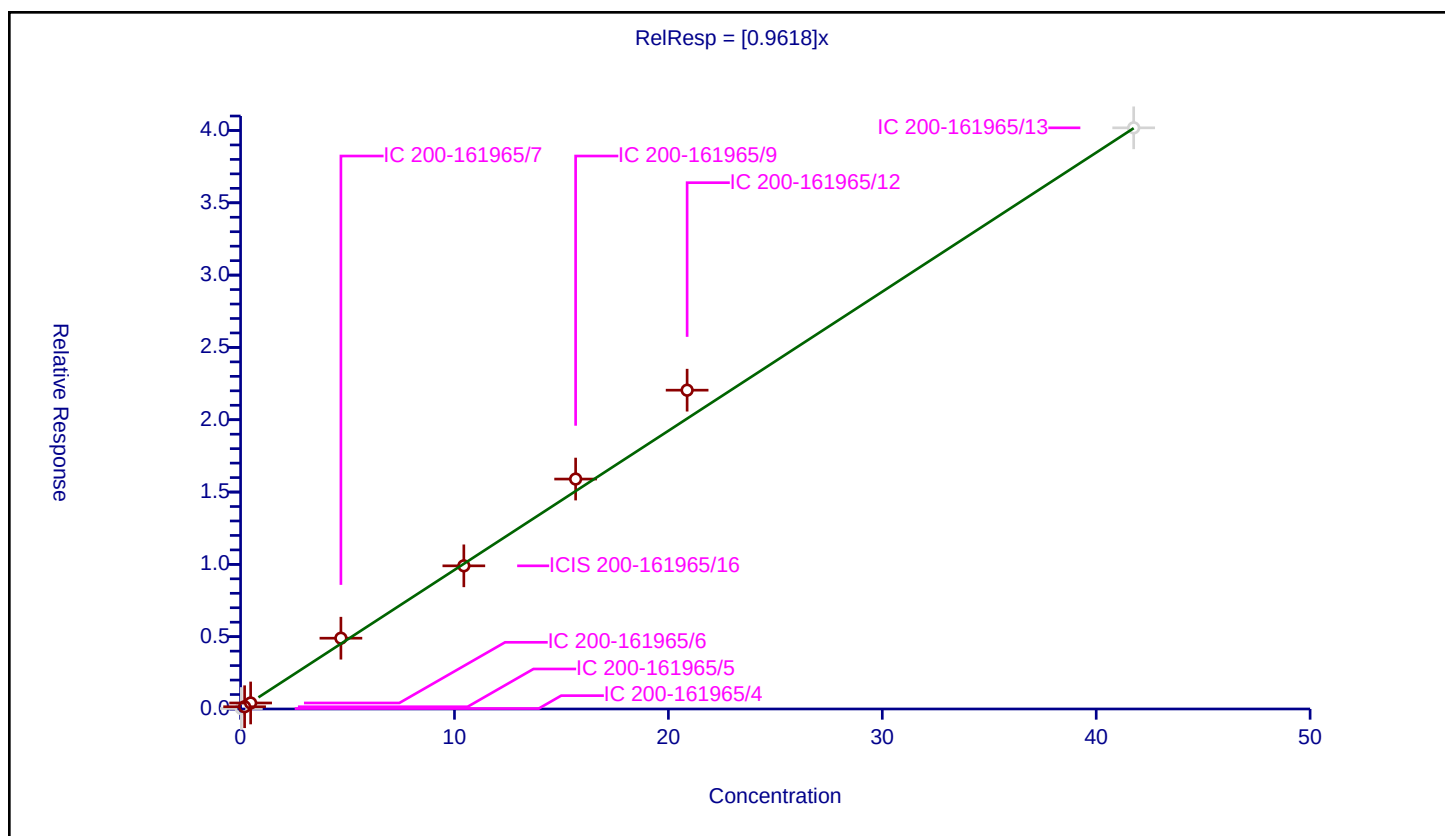
## Curve Coefficients

Intercept: 0  
 Slope: 0.9618

## Error Coefficients

Standard Error: 4790000  
 Relative Standard Error: 9.7  
 Correlation Coefficient: 1.000  
 Coefficient of Determination (Adjusted): 0.990

| ID | Level              | Concentration | Rel. Resp. | IS Amount | IS Response | RRF      | Used |
|----|--------------------|---------------|------------|-----------|-------------|----------|------|
| 1  | IC 200-161965/4    | 0.03662       | 0.032314   | 10.0      | 3372173.0   | 0.882419 | N    |
| 2  | IC 200-161965/5    | 0.188333      | 0.155385   | 10.0      | 3296908.0   | 0.825054 | Y    |
| 3  | IC 200-161965/6    | 0.470225      | 0.415252   | 10.0      | 3387200.0   | 0.883091 | Y    |
| 4  | IC 200-161965/7    | 4.691012      | 4.894619   | 10.0      | 3401748.0   | 1.043404 | Y    |
| 5  | ICIS 200-161965/16 | 10.437975     | 9.898633   | 10.0      | 3850470.0   | 0.948329 | Y    |
| 6  | IC 200-161965/9    | 15.663713     | 15.898071  | 10.0      | 3700754.0   | 1.014962 | Y    |
| 7  | IC 200-161965/12   | 20.875949     | 22.043311  | 10.0      | 3588044.0   | 1.055919 | Y    |
| 8  | IC 200-161965/13   | 41.751898     | 40.183615  | 10.0      | 3998138.0   | 0.962438 | N    |



## Calibration

/ Undecane

Curve Type: Average  
Weighting: Conc\_Sq  
Origin: Force  
Dependency: Response  
Calib Mode: ISTD  
Response Base: AREA  
RF Rounding: 0

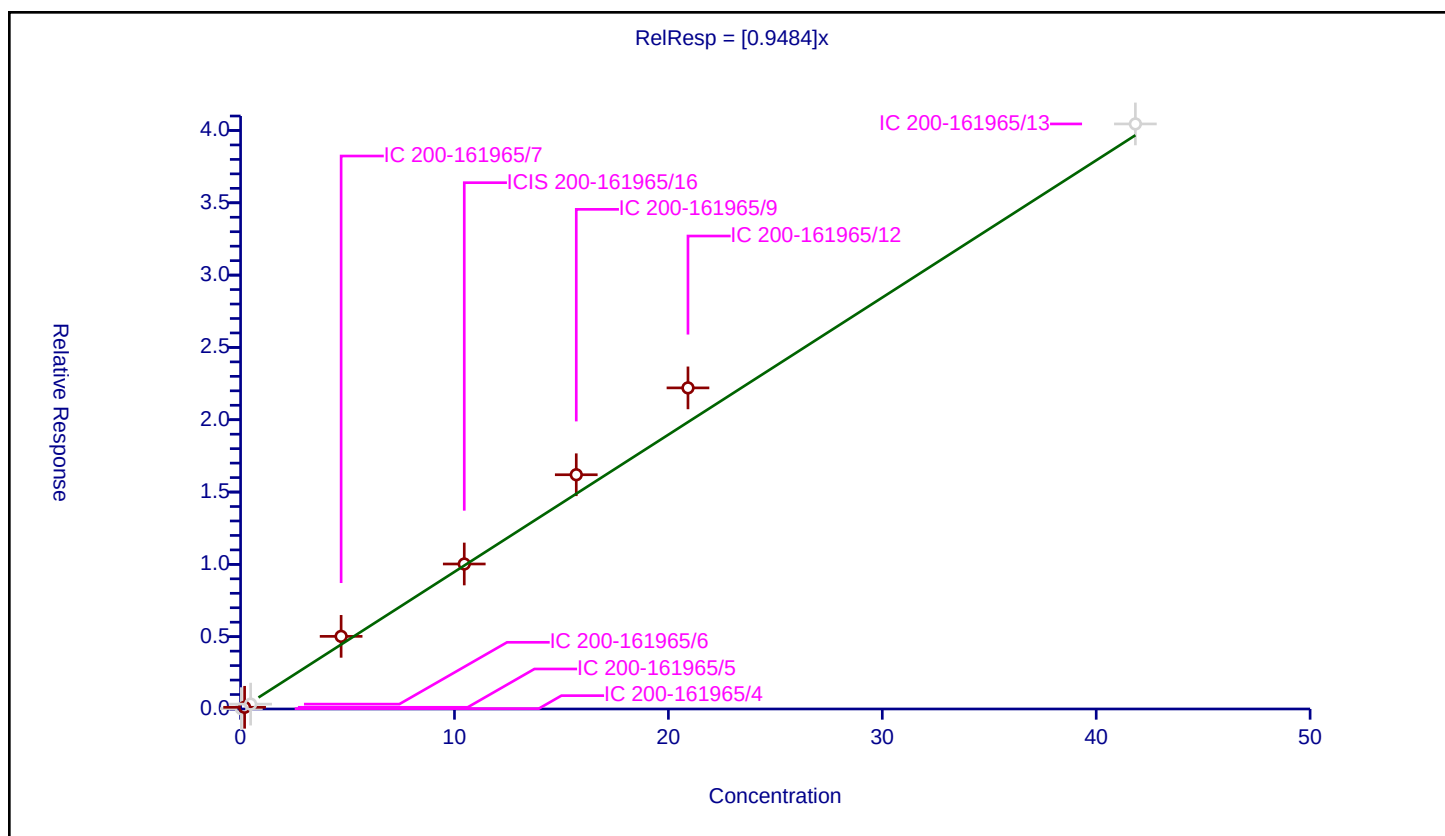
## Curve Coefficients

Intercept: 0  
Slope: 0.9484

## Error Coefficients

Standard Error: 5410000  
Relative Standard Error: 19.8  
Correlation Coefficient: 1.000  
Coefficient of Determination (Adjusted): 0.966

| ID | Level              | Concentration | Rel. Resp. | IS Amount | IS Response | RRF      | Used |
|----|--------------------|---------------|------------|-----------|-------------|----------|------|
| 1  | IC 200-161965/4    | 0.03669       | 0.024192   | 10.0      | 3372173.0   | 0.659357 | N    |
| 2  | IC 200-161965/5    | 0.188694      | 0.117219   | 10.0      | 3296908.0   | 0.621212 | Y    |
| 3  | IC 200-161965/6    | 0.471126      | 0.33727    | 10.0      | 3387200.0   | 0.71588  | N    |
| 4  | IC 200-161965/7    | 4.699999      | 5.021216   | 10.0      | 3401748.0   | 1.068344 | Y    |
| 5  | ICIS 200-161965/16 | 10.457971     | 10.025584  | 10.0      | 3850470.0   | 0.958655 | Y    |
| 6  | IC 200-161965/9    | 15.69372      | 16.197605  | 10.0      | 3700754.0   | 1.032107 | Y    |
| 7  | IC 200-161965/12   | 20.915941     | 22.201943  | 10.0      | 3588044.0   | 1.061484 | Y    |
| 8  | IC 200-161965/13   | 41.831883     | 40.452478  | 10.0      | 3998138.0   | 0.967025 | N    |



# Calibration

/ Dodecane

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

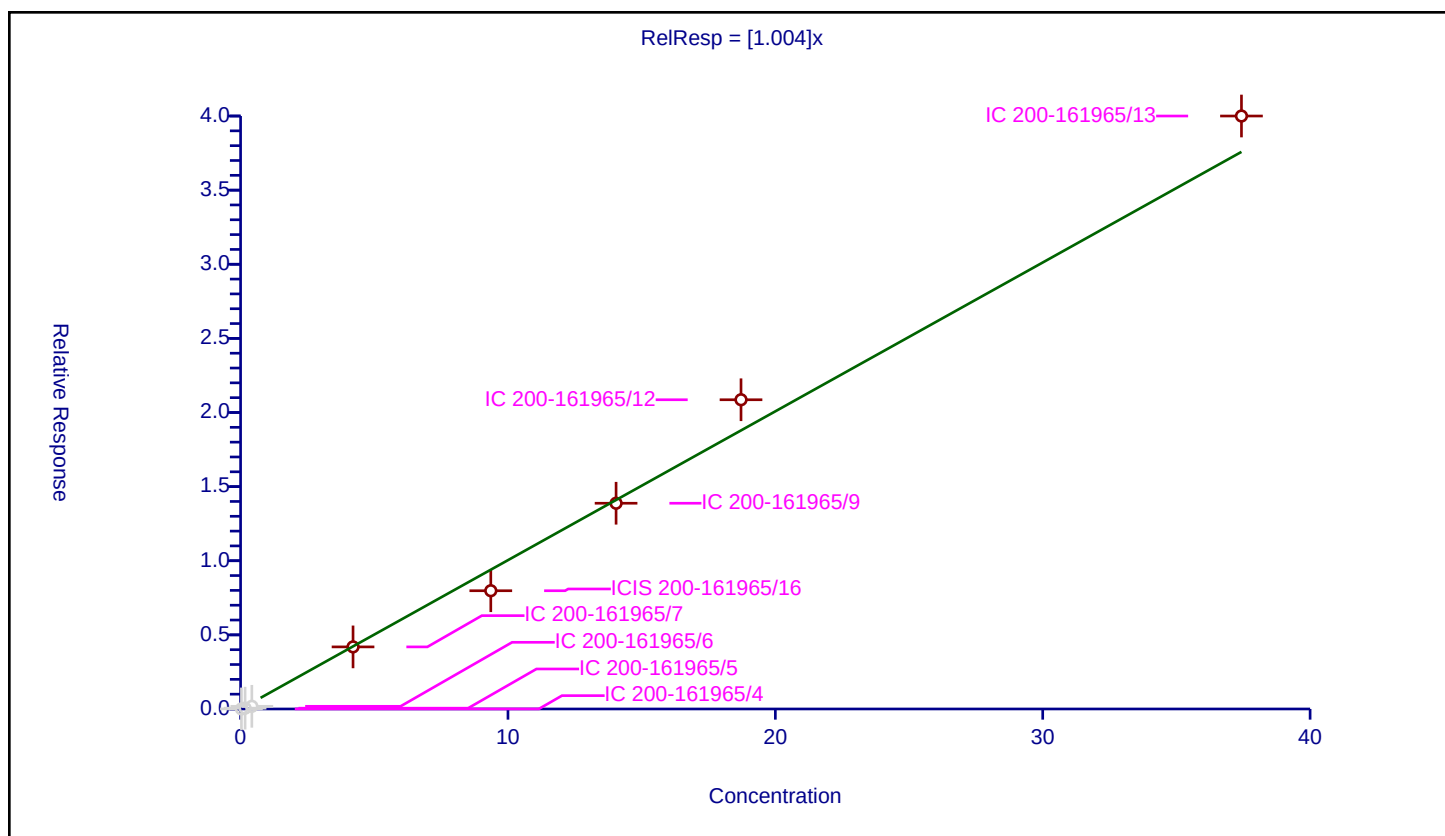
## Curve Coefficients

Intercept: 0  
 Slope: 1.004

## Error Coefficients

Standard Error: 9350000  
 Relative Standard Error: 9.9  
 Correlation Coefficient: 0.998  
 Coefficient of Determination (Adjusted): 0.980

| ID | Level              | Concentration | Rel. Resp. | IS Amount | IS Response | RRF      | Used |
|----|--------------------|---------------|------------|-----------|-------------|----------|------|
| 1  | IC 200-161965/4    | 0.032832      | 0.005287   | 10.0      | 3372173.0   | 0.161044 | N    |
| 2  | IC 200-161965/5    | 0.16885       | 0.0553     | 10.0      | 3296908.0   | 0.327511 | N    |
| 3  | IC 200-161965/6    | 0.421581      | 0.181005   | 10.0      | 3387200.0   | 0.429348 | N    |
| 4  | IC 200-161965/7    | 4.205735      | 4.188479   | 10.0      | 3401748.0   | 0.995897 | Y    |
| 5  | ICIS 200-161965/16 | 9.358184      | 7.977585   | 10.0      | 3850470.0   | 0.852471 | Y    |
| 6  | IC 200-161965/9    | 14.043329     | 13.879404  | 10.0      | 3700754.0   | 0.988327 | Y    |
| 7  | IC 200-161965/12   | 18.716368     | 20.860962  | 10.0      | 3588044.0   | 1.114584 | Y    |
| 8  | IC 200-161965/13   | 37.432736     | 39.999795  | 10.0      | 3998138.0   | 1.068578 | 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

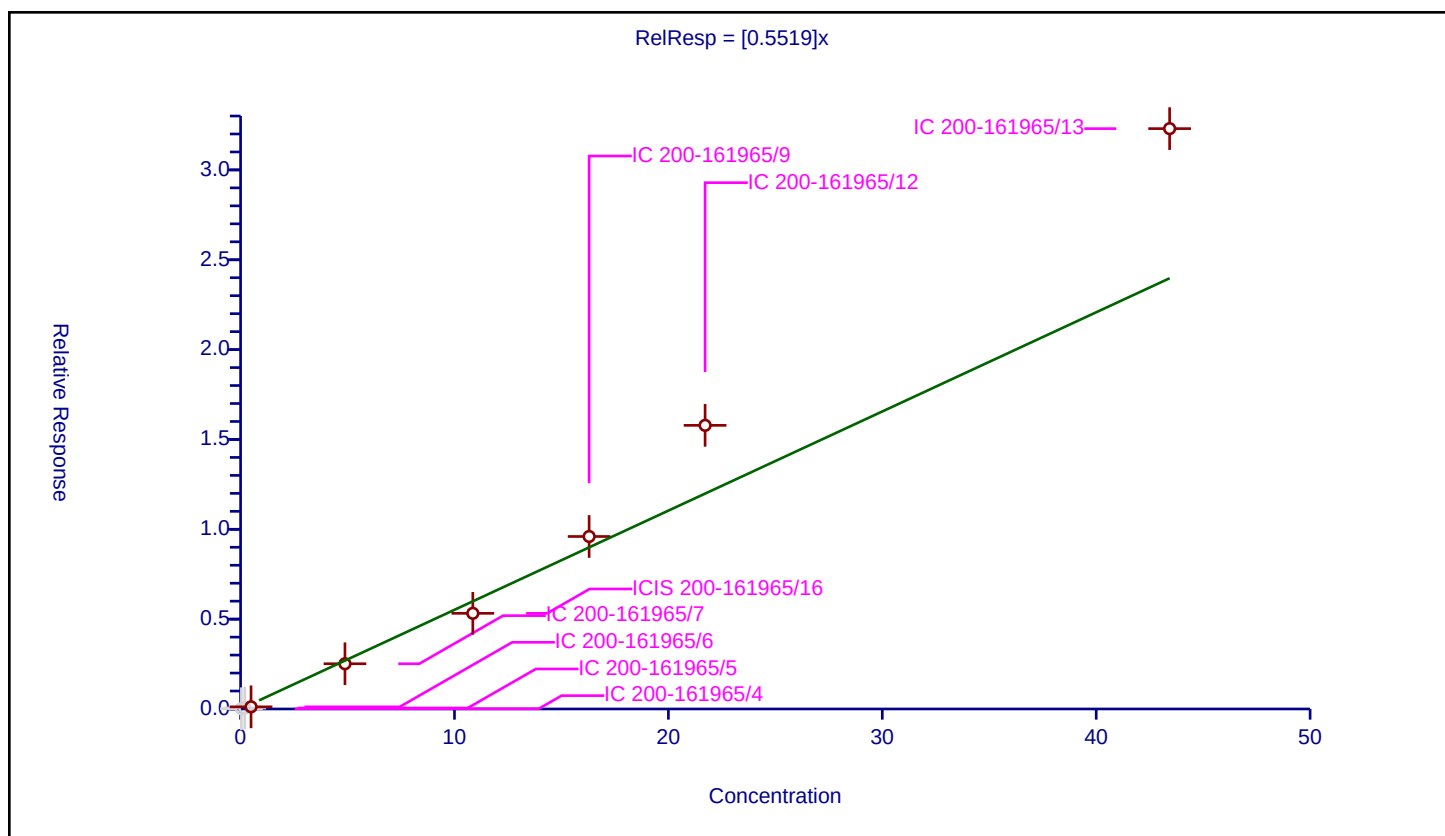
## Curve Coefficients

Intercept: 0  
 Slope: 0.5519

## Error Coefficients

Standard Error: 6580000  
 Relative Standard Error: 33.2  
 Correlation Coefficient: 0.988  
 Coefficient of Determination (Adjusted): 0.910

| ID | Level              | Concentration | Rel. Resp. | IS Amount | IS Response | RRF      | Used |
|----|--------------------|---------------|------------|-----------|-------------|----------|------|
| 1  | IC 200-161965/4    | 0.038094      | 0.014047   | 10.0      | 3372173.0   | 0.368758 | N    |
| 2  | IC 200-161965/5    | 0.19591       | 0.055      | 10.0      | 3296908.0   | 0.280742 | N    |
| 3  | IC 200-161965/6    | 0.489142      | 0.120138   | 10.0      | 3387200.0   | 0.245609 | Y    |
| 4  | IC 200-161965/7    | 4.879731      | 2.517794   | 10.0      | 3401748.0   | 0.51597  | Y    |
| 5  | ICIS 200-161965/16 | 10.857893     | 5.323612   | 10.0      | 3850470.0   | 0.490299 | Y    |
| 6  | IC 200-161965/9    | 16.293863     | 9.599555   | 10.0      | 3700754.0   | 0.589152 | Y    |
| 7  | IC 200-161965/12   | 21.715786     | 15.785498  | 10.0      | 3588044.0   | 0.726913 | Y    |
| 8  | IC 200-161965/13   | 43.431572     | 32.298137  | 10.0      | 3998138.0   | 0.743656 | Y    |



## Calibration

/ Hexachlorobutadiene

Curve Type: Average  
Weighting: Conc\_Sq  
Origin: Force  
Dependency: Response  
Calib Mode: ISTD  
Response Base: AREA  
RF Rounding: 0

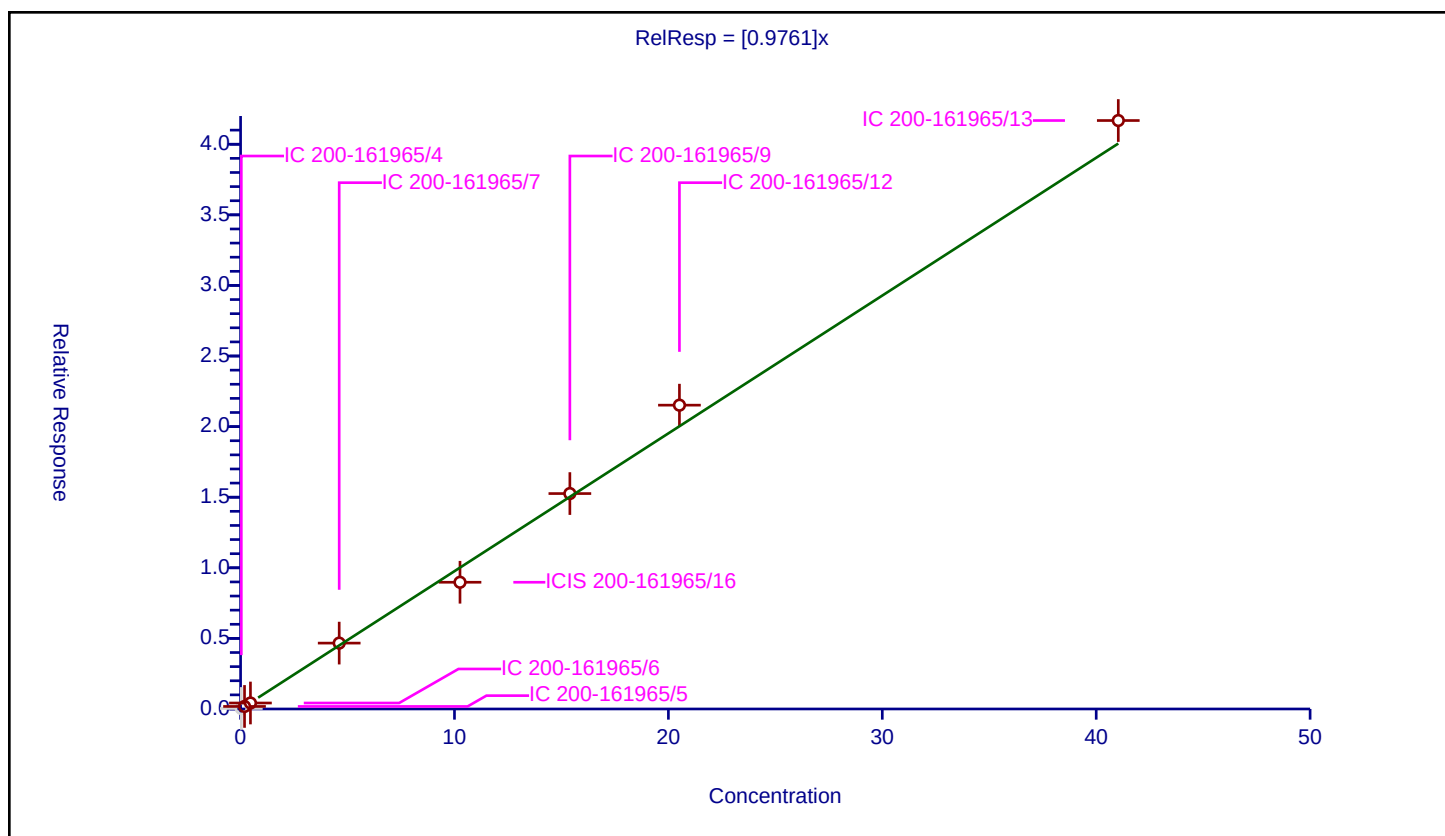
## Curve Coefficients

Intercept: 0  
Slope: 0.9761

## Error Coefficients

Standard Error: 8000000  
Relative Standard Error: 6.2  
Correlation Coefficient: 0.997  
Coefficient of Determination (Adjusted): 0.996

| ID | Level              | Concentration | Rel. Resp. | IS Amount | IS Response | RRF      | Used |
|----|--------------------|---------------|------------|-----------|-------------|----------|------|
| 1  | IC 200-161965/4    | 0.035989      | 0.037664   | 10.0      | 3372173.0   | 1.046548 | N    |
| 2  | IC 200-161965/5    | 0.185086      | 0.179826   | 10.0      | 3296908.0   | 0.971581 | Y    |
| 3  | IC 200-161965/6    | 0.462118      | 0.424058   | 10.0      | 3387200.0   | 0.917641 | Y    |
| 4  | IC 200-161965/7    | 4.610133      | 4.666695   | 10.0      | 3401748.0   | 1.012269 | Y    |
| 5  | ICIS 200-161965/16 | 10.258009     | 8.976444   | 10.0      | 3850470.0   | 0.875067 | Y    |
| 6  | IC 200-161965/9    | 15.393649     | 15.259082  | 10.0      | 3700754.0   | 0.991258 | Y    |
| 7  | IC 200-161965/12   | 20.516019     | 21.51994   | 10.0      | 3588044.0   | 1.048934 | Y    |
| 8  | IC 200-161965/13   | 41.032038     | 41.680882  | 10.0      | 3998138.0   | 1.015813 | Y    |





## Calibration

/ Naphthalene

Curve Type: Average  
Weighting: Conc\_Sq  
Origin: Force  
Dependency: Response  
Calib Mode: ISTD  
Response Base: AREA  
RF Rounding: 0

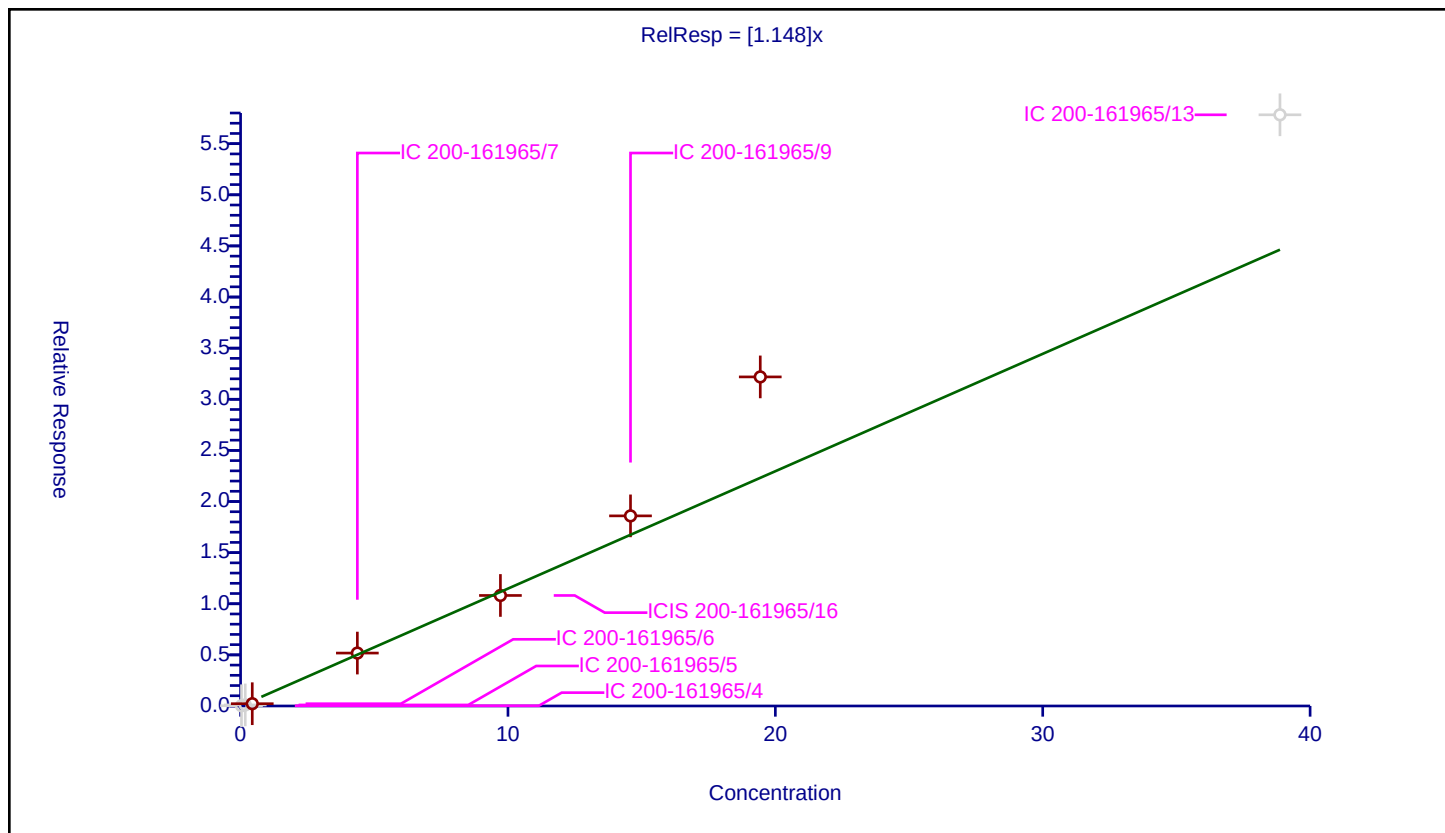
## Curve Coefficients

Intercept: 0  
Slope: 1.148

## Error Coefficients

Standard Error: 7090000  
Relative Standard Error: 35.9  
Correlation Coefficient: 0.968  
Coefficient of Determination (Adjusted): 0.898

| ID | Level              | Concentration | Rel. Resp. | IS Amount | IS Response | RRF      | Used |
|----|--------------------|---------------|------------|-----------|-------------|----------|------|
| 1  | IC 200-161965/4    | 0.034095      | 0.026057   | 10.0      | 3372173.0   | 0.764263 | N    |
| 2  | IC 200-161965/5    | 0.175345      | 0.10363    | 10.0      | 3296908.0   | 0.59101  | N    |
| 3  | IC 200-161965/6    | 0.437796      | 0.224247   | 10.0      | 3387200.0   | 0.512218 | Y    |
| 4  | IC 200-161965/7    | 4.367494      | 5.176471   | 10.0      | 3401748.0   | 1.185227 | Y    |
| 5  | ICIS 200-161965/16 | 9.718114      | 10.809891  | 10.0      | 3850470.0   | 1.112344 | Y    |
| 6  | IC 200-161965/9    | 14.583457     | 18.594719  | 10.0      | 3700754.0   | 1.275056 | Y    |
| 7  | IC 200-161965/12   | 19.436228     | 32.186832  | 10.0      | 3588044.0   | 1.656023 | Y    |
| 8  | IC 200-161965/13   | 38.872457     | 57.825868  | 10.0      | 3998138.0   | 1.487579 | N    |



# Calibration

/ 1,2,3-Trichlorobenzene

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

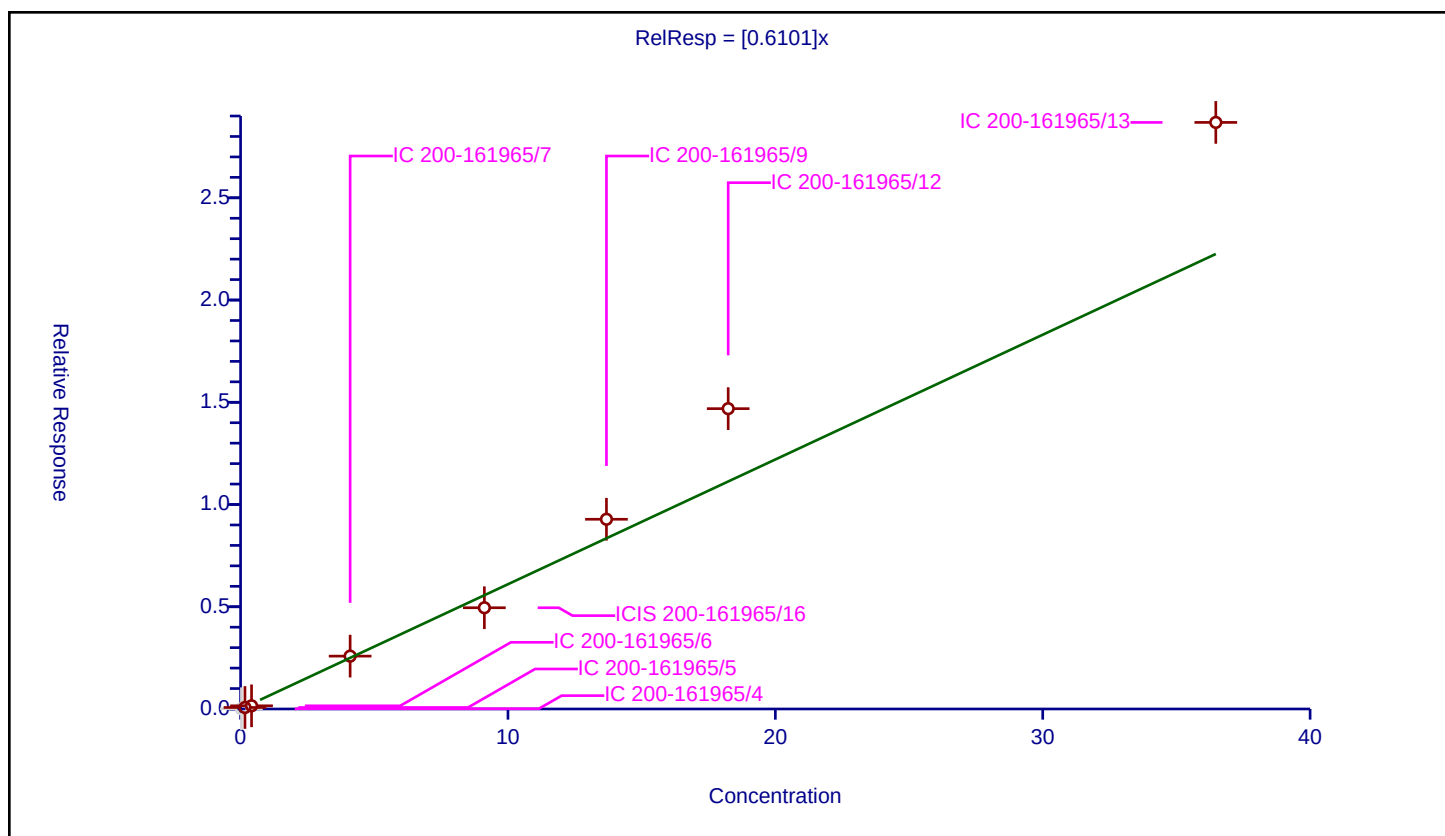
## Curve Coefficients

Intercept: 0  
 Slope: 0.6101

## Error Coefficients

Standard Error: 5410000  
 Relative Standard Error: 26.7  
 Correlation Coefficient: 0.991  
 Coefficient of Determination (Adjusted): 0.934

| ID | Level              | Concentration | Rel. Resp. | IS Amount | IS Response | RRF      | Used |
|----|--------------------|---------------|------------|-----------|-------------|----------|------|
| 1  | IC 200-161965/4    | 0.03199       | 0.012019   | 10.0      | 3372173.0   | 0.375708 | N    |
| 2  | IC 200-161965/5    | 0.164521      | 0.073678   | 10.0      | 3296908.0   | 0.447834 | Y    |
| 3  | IC 200-161965/6    | 0.410771      | 0.155609   | 10.0      | 3387200.0   | 0.378822 | Y    |
| 4  | IC 200-161965/7    | 4.097896      | 2.585762   | 10.0      | 3401748.0   | 0.630997 | Y    |
| 5  | ICIS 200-161965/16 | 9.118231      | 4.950793   | 10.0      | 3850470.0   | 0.542955 | Y    |
| 6  | IC 200-161965/9    | 13.683244     | 9.27899    | 10.0      | 3700754.0   | 0.678128 | Y    |
| 7  | IC 200-161965/12   | 18.236461     | 14.687861  | 10.0      | 3588044.0   | 0.805412 | Y    |
| 8  | IC 200-161965/13   | 36.472922     | 28.686464  | 10.0      | 3998138.0   | 0.786514 | Y    |



FORM VII  
AIR - GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-56451-1  
 SDG No.: 200-56451-1  
 Lab Sample ID: ICV 200-162223/19 Calibration Date: 12/18/2020 10:01  
 Instrument ID: CHC.i Calib Start Date: 12/17/2020 17:10  
 GC Column: RTX-624 ID: 0.32 (mm) Calib End Date: 12/18/2020 04:03  
 Lab File ID: 44129-19.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        | 0.6433  | 0.6484 |         | 10.2        | 10.1         | 0.8   | 30.0   |
| Dichlorodifluoromethane          | Ave        | 3.223   | 2.468  |         | 8.10        | 10.6         | -23.4 | 30.0   |
| Chlorodifluoromethane            | Ave        | 1.593   | 1.475  |         | 9.80        | 10.6         | -7.4  | 30.0   |
| 1,2-Dichlorotetrafluoroethane    | Ave        | 2.916   | 2.575  |         | 9.35        | 10.6         | -11.7 | 30.0   |
| Chloromethane                    | Ave        | 0.6476  | 0.6426 |         | 9.86        | 9.94         | -0.8  | 30.0   |
| n-Butane                         | Ave        | 1.028   | 0.9386 |         | 9.40        | 10.3         | -8.7  | 30.0   |
| Vinyl chloride                   | Ave        | 0.8282  | 0.7091 |         | 8.55        | 9.99         | -14.4 | 30.0   |
| 1,3-Butadiene                    | Ave        | 0.6383  | 0.5232 |         | 7.95        | 9.70         | -18.0 | 30.0   |
| Bromomethane                     | Ave        | 0.8351  | 0.7242 |         | 9.02        | 10.4         | -13.3 | 30.0   |
| Chloroethane                     | Ave        | 0.3483  | 0.2924 |         | 8.87        | 10.6         | -16.1 | 30.0   |
| Isopentane                       | Ave        | 0.8029  | 0.6535 |         | 8.50        | 10.4         | -18.6 | 30.0   |
| Bromoethene (Vinyl Bromide)      | Ave        | 0.8301  | 0.8182 |         | 9.90        | 10.0         | -1.4  | 30.0   |
| Trichlorofluoromethane           | Ave        | 3.318   | 2.986  |         | 9.37        | 10.4         | -10.0 | 30.0   |
| n-Pentane                        | Ave        | 1.258   | 1.086  |         | 8.82        | 10.2         | -13.6 | 30.0   |
| Ethanol                          | Ave        | 0.3524  | 0.3439 |         | 14.6        | 15.0         | -2.4  | 30.0   |
| Ethyl ether                      | Ave        | 0.5780  | 0.4922 |         | 8.71        | 10.2         | -14.9 | 30.0   |
| Acrolein                         | Ave        | 0.2957  | 0.2678 |         | 8.79        | 9.71         | -9.5  | 30.0   |
| 1,1,2-Trichlorotrifluoroethane   | Ave        | 2.320   | 1.999  |         | 9.20        | 10.7         | -13.8 | 30.0   |
| 1,1-Dichloroethene               | Ave        | 0.9444  | 0.8785 |         | 9.48        | 10.2         | -7.0  | 30.0   |
| Acetone                          | Ave        | 1.350   | 1.159  |         | 8.95        | 10.4         | -14.2 | 30.0   |
| Carbon disulfide                 | Ave        | 2.612   | 2.276  |         | 9.03        | 10.4         | -12.9 | 30.0   |
| Isopropyl alcohol                | Ave        | 1.313   | 1.245  |         | 9.65        | 10.2         | -5.1  | 30.0   |
| 3-Chloropropene                  | Ave        | 1.181   | 1.011  |         | 9.18        | 10.7         | -14.4 | 30.0   |
| Acetonitrile                     | Ave        | 0.5440  | 0.5151 |         | 9.20        | 9.72         | -5.3  | 30.0   |
| Methylene Chloride               | Ave        | 1.058   | 0.9394 |         | 9.10        | 10.2         | -11.2 | 30.0   |
| tert-Butyl alcohol               | Ave        | 1.824   | 1.730  |         | 10.2        | 10.8         | -5.1  | 30.0   |
| trans-1,2-Dichloroethene         | Ave        | 1.535   | 1.340  |         | 9.02        | 10.3         | -12.7 | 30.0   |
| Methyl tert-butyl ether          | Ave        | 3.084   | 2.692  |         | 9.22        | 10.6         | -12.7 | 30.0   |
| Acrylonitrile                    | Ave        | 0.5592  | 0.5210 |         | 9.49        | 10.2         | -6.8  | 30.0   |
| n-Hexane                         | Ave        | 1.342   | 1.145  |         | 8.93        | 10.5         | -14.7 | 30.0   |
| 1,1-Dichloroethane               | Ave        | 1.899   | 1.581  |         | 8.55        | 10.3         | -16.8 | 30.0   |
| Vinyl acetate                    | Ave        | 2.349   | 1.775  |         | 7.61        | 10.1         | -24.4 | 30.0   |
| cis-1,2-Dichloroethene           | Ave        | 1.246   | 1.061  |         | 8.83        | 10.4         | -14.8 | 30.0   |
| Methyl Ethyl Ketone (2-Butanone) | Ave        | 0.4867  | 0.4465 |         | 9.50        | 10.4         | -8.3  | 30.0   |
| Ethyl acetate                    | Ave        | 0.0919  | 0.0847 |         | 9.41        | 10.2         | -7.8  | 30.0   |
| Tetrahydrofuran                  | Ave        | 0.1880  | 0.1771 |         | 9.24        | 9.81         | -5.8  | 30.0   |
| Chloroform                       | Ave        | 2.931   | 2.529  |         | 8.90        | 10.3         | -13.7 | 30.0   |
| 1,1,1-Trichloroethane            | Ave        | 0.6060  | 0.5285 |         | 9.00        | 10.3         | -12.8 | 30.0   |
| Cyclohexane                      | Ave        | 0.2841  | 0.2450 |         | 8.81        | 10.2         | -13.8 | 30.0   |

FORM VII  
AIR - GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-56451-1  
 SDG No.: 200-56451-1  
 Lab Sample ID: ICV 200-162223/19 Calibration Date: 12/18/2020 10:01  
 Instrument ID: CHC.i Calib Start Date: 12/17/2020 17:10  
 GC Column: RTX-624 ID: 0.32 (mm) Calib End Date: 12/18/2020 04:03  
 Lab File ID: 44129-19.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 |
|-----------------------------------------------|------------|---------|--------|---------|-------------|--------------|-------|--------|
| Carbon tetrachloride                          | Ave        | 0.6919  | 0.6109 |         | 8.87        | 10.0         | -11.7 | 30.0   |
| Benzene                                       | Ave        | 0.6884  | 0.6115 |         | 9.23        | 10.4         | -11.2 | 30.0   |
| 2,2,4-Trimethylpentane                        | Ave        | 1.024   | 0.9261 |         | 9.17        | 10.1         | -9.5  | 30.0   |
| 1,2-Dichloroethane                            | Ave        | 0.3791  | 0.3240 |         | 8.94        | 10.5         | -14.5 | 30.0   |
| n-Heptane                                     | Ave        | 0.4158  | 0.3570 |         | 8.85        | 10.3         | -14.1 | 30.0   |
| Trichloroethene                               | Ave        | 0.3868  | 0.3778 |         | 10.0        | 10.3         | -2.3  | 30.0   |
| n-Butanol                                     | Ave        | 0.1373  | 0.1449 |         | 9.61        | 9.11         | 5.5   | 30.0   |
| 1,2-Dichloropropane                           | Ave        | 0.2871  | 0.2527 |         | 9.11        | 10.3         | -12.0 | 30.0   |
| Methyl methacrylate                           | Ave        | 0.2795  | 0.2632 |         | 9.61        | 10.2         | -5.8  | 30.0   |
| Dibromomethane                                | Ave        | 0.4579  | 0.4274 |         | 9.65        | 10.3         | -6.6  | 30.0   |
| 1,4-Dioxane                                   | Ave        | 0.1494  | 0.1496 |         | 10.3        | 10.3         | 0.2   | 30.0   |
| Bromodichloromethane                          | Ave        | 0.6907  | 0.6318 |         | 9.41        | 10.3         | -8.5  | 30.0   |
| cis-1,3-Dichloropropene                       | Ave        | 0.5792  | 0.5517 |         | 9.47        | 9.94         | -4.8  | 30.0   |
| 4-Methyl-2-pentanone (Methyl isobutyl ketone) | Ave        | 0.6769  | 0.5823 |         | 8.76        | 10.2         | -14.0 | 30.0   |
| Toluene                                       | Ave        | 0.6053  | 0.5512 |         | 9.29        | 10.2         | -8.9  | 30.0   |
| n-Octane                                      | Ave        | 0.7482  | 0.6641 |         | 9.14        | 10.3         | -11.2 | 30.0   |
| trans-1,3-Dichloropropene                     | Ave        | 0.5536  | 0.5070 |         | 9.02        | 9.85         | -8.4  | 30.0   |
| 1,1,2-Trichloroethane                         | Ave        | 0.2849  | 0.2547 |         | 9.38        | 10.5         | -10.6 | 30.0   |
| Tetrachloroethene                             | Ave        | 0.6454  | 0.5534 |         | 8.98        | 10.5         | -14.3 | 30.0   |
| Methyl Butyl Ketone (2-Hexanone)              | Ave        | 0.5978  | 0.4797 |         | 8.11        | 10.1         | -19.8 | 30.0   |
| Dibromochloromethane                          | Ave        | 0.7172  | 0.6153 |         | 9.09        | 10.6         | -14.2 | 30.0   |
| 1,2-Dibromoethane                             | Ave        | 0.5554  | 0.5088 |         | 9.76        | 10.7         | -8.4  | 30.0   |
| Chlorobenzene                                 | Ave        | 0.8722  | 0.7992 |         | 9.62        | 10.5         | -8.4  | 30.0   |
| Ethylbenzene                                  | Ave        | 1.463   | 1.351  |         | 9.44        | 10.2         | -7.7  | 30.0   |
| n-Nonane                                      | Ave        | 0.6653  | 0.5989 |         | 9.42        | 10.5         | -10.0 | 30.0   |
| m,p-Xylene                                    | Ave        | 0.5529  | 0.5405 |         | 19.5        | 20.0         | -2.3  | 30.0   |
| o-Xylene                                      | Ave        | 0.5481  | 0.5089 |         | 9.63        | 10.4         | -7.1  | 30.0   |
| Styrene                                       | Ave        | 0.8540  | 0.8381 |         | 10.1        | 10.3         | -1.9  | 30.0   |
| Bromoform                                     | Ave        | 0.6682  | 0.6190 |         | 9.54        | 10.3         | -7.4  | 30.0   |
| Cumene                                        | Ave        | 1.706   | 1.579  |         | 9.68        | 10.5         | -7.4  | 30.0   |
| 1,1,2,2-Tetrachloroethane                     | Ave        | 0.7770  | 0.6801 |         | 9.06        | 10.3         | -12.5 | 30.0   |
| 1,2,3-Trichloropropane                        | Ave        | 0.6473  | 0.5898 |         | 9.69        | 10.6         | -8.9  | 30.0   |
| n-Propylbenzene                               | Ave        | 2.023   | 1.862  |         | 9.53        | 10.4         | -8.0  | 30.0   |
| 2-Chlorotoluene                               | Ave        | 1.462   | 1.357  |         | 9.68        | 10.4         | -7.2  | 30.0   |
| 4-Ethyltoluene                                | Ave        | 1.723   | 1.660  |         | 9.87        | 10.2         | -3.7  | 30.0   |
| n-Decane                                      | Ave        | 0.8811  | 0.8348 |         | 9.79        | 10.3         | -5.3  | 30.0   |
| 1,3,5-Trimethylbenzene                        | Ave        | 1.517   | 1.387  |         | 9.59        | 10.5         | -8.6  | 30.0   |
| Alpha Methyl Styrene                          | Ave        | 0.7281  | 0.7158 |         | 9.99        | 10.2         | -1.7  | 30.0   |
| tert-Butylbenzene                             | Ave        | 1.509   | 1.394  |         | 9.61        | 10.4         | -7.6  | 30.0   |
| 1,2,4-Trimethylbenzene                        | Ave        | 1.511   | 1.416  |         | 9.79        | 10.4         | -6.3  | 30.0   |

FORM VII  
AIR - GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-56451-1  
 SDG No.: 200-56451-1  
 Lab Sample ID: ICV 200-162223/19 Calibration Date: 12/18/2020 10:01  
 Instrument ID: CHC.i Calib Start Date: 12/17/2020 17:10  
 GC Column: RTX-624 ID: 0.32 (mm) Calib End Date: 12/18/2020 04:03  
 Lab File ID: 44129-19.D Conc. Units: ppb v/v Heated Purge: (Y/N) N

| ANALYTE                | CURVE<br>TYPE | AVE RRF | RRF    | MIN RRF | CALC<br>AMOUNT | SPIKE<br>AMOUNT | %D    | MAX<br>%D |
|------------------------|---------------|---------|--------|---------|----------------|-----------------|-------|-----------|
| sec-Butylbenzene       | Ave           | 2.167   | 2.063  |         | 9.96           | 10.5            | -4.8  | 30.0      |
| 4-Isopropyltoluene     | Ave           | 1.911   | 1.761  |         | 9.68           | 10.5            | -7.8  | 30.0      |
| 1,3-Dichlorobenzene    | Ave           | 1.044   | 1.020  |         | 9.93           | 10.2            | -2.3  | 30.0      |
| 1,4-Dichlorobenzene    | Ave           | 1.064   | 1.004  |         | 9.81           | 10.4            | -5.7  | 30.0      |
| Benzyl chloride        | Ave           | 1.142   | 1.138  |         | 10.1           | 10.2            | -0.3  | 30.0      |
| n-Butylbenzene         | Ave           | 1.705   | 1.619  |         | 9.98           | 10.5            | -5.0  | 30.0      |
| n-Undecane             | Ave           | 0.9536  | 0.8986 |         | 10.1           | 10.7            | -5.8  | 30.0      |
| 1,2-Dichlorobenzene    | Ave           | 1.028   | 0.9373 |         | 9.81           | 10.8            | -8.8  | 30.0      |
| n-Dodecane             | Ave           | 1.088   | 0.8307 |         | 8.13           | 10.6            | -23.6 | 30.0      |
| 1,2,4-Trichlorobenzene | Ave           | 0.9286  | 0.8007 |         | 9.47           | 11.0            | -13.8 | 30.0      |
| Hexachlorobutadiene    | Ave           | 1.219   | 1.009  |         | 8.98           | 10.8            | -17.2 | 30.0      |
| Naphthalene            | Ave           | 1.787   | 1.442  |         | 8.47           | 10.5            | -19.3 | 30.0      |
| 1,2,3-Trichlorobenzene | Ave           | 0.9479  | 0.6865 |         | 7.86           | 10.9            | -27.6 | 30.0      |

Eurofins TestAmerica, Burlington  
Target Compound Quantitation Report

Data File: \\chromfs\Burlington\ChromData\CHC.i\20201217-44129.b\44129-19.D

Lims ID: icv

Client ID:

Sample Type: ICV

Inject. Date: 18-Dec-2020 10:01:30

ALS Bottle#: 22

Worklist Smp#: 19

Purge Vol: 200.000 mL

Dil. Factor: 1.0000

Sample Info: 200-0044129-019

Operator ID: ggg

Instrument ID: CHC.i

Sublist:

Method: \\chromfs\Burlington\ChromData\CHC.i\20201217-44129.b\TO15\_MasterMethod\_(v1)\_CHC.i.m

Limit Group: AI\_TO15\_ICAL

Last Update: 28-Dec-2020 11:11:28

Calib Date: 18-Dec-2020 04:03:30

Integrator: RTE

ID Type: Deconvolution ID

Quant Method: Internal Standard

Quant By: Initial Calibration

Last ICal File: \\chromfs\Burlington\ChromData\CHC.i\20201217-44129.b\44129-14.D

Column 1 : RTX-624 ( 0.32 mm)

Det: MS SCAN

Process Host: CTX1638

First Level Reviewer: phamvu

Date: 28-Dec-2020 11:12:38

| 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  | 2.833     | 2.833         | 0.000         | 96  | 155678   | 10.1            | 10.2              |       |
| 2 Dichlorodifluoromethane          | 85  | 2.897     | 2.891         | 0.006         | 100 | 618779   | 10.6            | 8.10              |       |
| 3 Chlorodifluoromethane            | 51  | 2.934     | 2.934         | 0.000         | 98  | 369939   | 10.6            | 9.80              |       |
| 4 1,2-Dichloro-1,1,2,2-tetrafluoro | 85  | 3.132     | 3.132         | 0.000         | 88  | 646467   | 10.6            | 9.35              |       |
| 5 Chloromethane                    | 50  | 3.244     | 3.244         | 0.000         | 98  | 151400   | 9.94            | 9.86              |       |
| 6 Butane                           | 43  | 3.436     | 3.430         | 0.006         | 94  | 229140   | 10.3            | 9.40              |       |
| 7 Vinyl chloride                   | 62  | 3.462     | 3.462         | 0.000         | 100 | 167905   | 9.99            | 8.55              |       |
| 8 Butadiene                        | 54  | 3.532     | 3.532         | 0.000         | 94  | 120292   | 9.70            | 7.95              |       |
| 10 Bromomethane                    | 94  | 4.140     | 4.140         | 0.000         | 96  | 178510   | 10.4            | 9.02              |       |
| 11 Chloroethane                    | 64  | 4.364     | 4.359         | 0.005         | 96  | 73245    | 10.6            | 8.87              |       |
| 12 2-Methylbutane                  | 43  | 4.466     | 4.460         | 0.006         | 88  | 161875   | 10.4            | 8.50              |       |
| 9 BFB                              |     |           |               |               |     |          |                 |                   |       |
| 13 Vinyl bromide                   | 106 | 4.733     | 4.727         | 0.006         | 96  | 194906   | 10.0            | 9.90              |       |
| 14 Trichlorofluoromethane          | 101 | 4.850     | 4.845         | 0.005         | 99  | 736724   | 10.4            | 9.37              |       |
| 16 Pentane                         | 43  | 4.999     | 4.999         | 0.000         | 95  | 262912   | 10.2            | 8.82              |       |
| 17 Ethanol                         | 45  | 5.442     | 5.437         | 0.005         | 98  | 122307   | 15.0            | 14.6              |       |
| 18 Ethyl ether                     | 59  | 5.528     | 5.528         | 0.000         | 94  | 119340   | 10.2            | 8.71              |       |
| 19 Acrolein                        | 56  | 5.832     | 5.821         | 0.011         | 98  | 61626    | 9.71            | 8.79              |       |
| 20 1,1,2-Trichloro-1,2,2-trifluoro | 101 | 5.901     | 5.907         | -0.006        | 95  | 506040   | 10.7            | 9.20              |       |
| 21 1,1-Dichloroethene              | 96  | 5.917     | 5.917         | 0.000         | 97  | 212170   | 10.2            | 9.48              |       |
| 22 Acetone                         | 43  | 6.147     | 6.142         | 0.005         | 100 | 286426   | 10.4            | 8.95              |       |
| 23 Carbon disulfide                | 76  | 6.286     | 6.280         | 0.006         | 100 | 558823   | 10.4            | 9.03              |       |
| 24 Isopropyl alcohol               | 45  | 6.531     | 6.531         | 0.000         | 99  | 300182   | 10.2            | 9.65              |       |
| 25 3-Chloro-1-propene              | 41  | 6.675     | 6.670         | 0.005         | 95  | 257122   | 10.7            | 9.18              |       |
| 26 Acetonitrile                    | 41  | 6.745     | 6.739         | 0.006         | 99  | 118681   | 9.72            | 9.20              |       |
| 27 Methylene Chloride              | 49  | 6.958     | 6.958         | 0.000         | 92  | 228216   | 10.2            | 9.10              |       |
| 28 2-Methyl-2-propanol             | 59  | 7.332     | 7.332         | 0.000         | 95  | 442970   | 10.8            | 10.2              |       |
| 31 trans-1,2-Dichloroethene        | 61  | 7.422     | 7.422         | 0.000         | 97  | 328188   | 10.3            | 9.02              |       |
| 29 Methyl tert-butyl ether         | 73  | 7.438     | 7.444         | -0.006        | 95  | 673699   | 10.6            | 9.22              |       |
| 32 Acrylonitrile                   | 53  | 7.502     | 7.502         | 0.000         | 97  | 125831   | 10.2            | 9.49              |       |
| 33 Hexane                          | 57  | 7.849     | 7.849         | 0.000         | 86  | 284165   | 10.5            | 8.93              |       |

| Compound                       | Sig | RT (min.) | Adj RT (min.)   | Dlt RT (min.) | Q   | Response  | Cal Amt ppb v/v | OnCol Amt ppb v/v | Flags |
|--------------------------------|-----|-----------|-----------------|---------------|-----|-----------|-----------------|-------------------|-------|
| 34 1,1-Dichloroethane          | 63  | 8.255     | 8.255           | 0.000         | 99  | 384747    | 10.3            | 8.55              |       |
| 35 Vinyl acetate               | 43  | 8.367     | 8.362           | 0.005         | 99  | 423749    | 10.1            | 7.61              |       |
| 37 cis-1,2-Dichloroethene      | 96  | 9.349     | 9.349           | 0.000         | 94  | 260755    | 10.4            | 8.83              |       |
| 38 2-Butanone (MEK)            | 72  | 9.413     | 9.408           | 0.005         | 99  | 109630    | 10.4            | 9.50              |       |
| 39 Ethyl acetate               | 88  | 9.498     | 9.493           | 0.005         | 99  | 20509     | 10.2            | 9.41              |       |
| * 40 Chlorobromomethane        | 128 | 9.792     | 9.792           | 0.000         | 85  | 474140    | 20.0            | 20.0              |       |
| 41 Tetrahydrofuran             | 42  | 9.867     | 9.867           | 0.000         | 87  | 242021    | 9.81            | 9.24              |       |
| 42 Chloroform                  | 83  | 9.952     | 9.952           | 0.000         | 97  | 618622    | 10.3            | 8.90              |       |
| S 30 1,2-Dichloroethene, Total | 61  |           |                 |               | 0   |           | 20.0            | 17.9              |       |
| 44 1,1,1-Trichloroethane       | 97  | 10.224    | 10.219          | 0.005         | 94  | 759642    | 10.3            | 9.00              |       |
| 43 Cyclohexane                 | 84  | 10.224    | 10.230          | -0.006        | 68  | 348768    | 10.2            | 8.81              |       |
| 45 Carbon tetrachloride        | 117 | 10.491    | 10.486          | 0.005         | 98  | 855158    | 10.0            | 8.87              |       |
| 47 Benzene                     | 78  | 10.913    | 10.913          | 0.000         | 97  | 884958    | 10.4            | 9.23              |       |
| 46 Isooctane                   | 57  | 10.961    | 10.961          | 0.000         | 97  | 1308003   | 10.1            | 9.17              |       |
| 48 1,2-Dichloroethane          | 62  | 11.068    | 11.068          | 0.000         | 99  | 472120    | 10.5            | 8.94              |       |
| 49 n-Heptane                   | 43  | 11.372    | 11.372          | 0.000         | 91  | 512666    | 10.3            | 8.85              |       |
| * 50 1,4-Difluorobenzene       | 114 | 11.767    | 11.767          | 0.000         | 94  | 2786288   | 20.0            | 20.0              |       |
| 53 Trichloroethene             | 95  | 12.236    | 12.236          | 0.000         | 99  | 541518    | 10.3            | 10.0              |       |
| 52 n-Butanol                   | 56  | 12.258    | 12.268          | -0.010        | 91  | 183890    | 9.11            | 9.61              |       |
| A 51 GRO                       | 1   | 12.696    | (4.450-20.940)  |               | 0   | 166288839 | 649.9           | 0                 |       |
| 54 1,2-Dichloropropane         | 63  | 12.743    | 12.743          | 0.000         | 85  | 364245    | 10.3            | 9.11              |       |
| 55 Methyl methacrylate         | 69  | 12.978    | 12.983          | -0.005        | 94  | 374257    | 10.2            | 9.61              |       |
| 57 Dibromomethane              | 174 | 12.999    | 12.994          | 0.005         | 91  | 615621    | 10.3            | 9.65              |       |
| 56 1,4-Dioxane                 | 88  | 13.048    | 13.042          | 0.006         | 90  | 214488    | 10.3            | 10.3              |       |
| 58 Dichlorobromomethane        | 83  | 13.320    | 13.325          | -0.005        | 98  | 905532    | 10.3            | 9.41              |       |
| 60 cis-1,3-Dichloropropene     | 75  | 14.280    | 14.286          | -0.006        | 95  | 763785    | 9.94            | 9.47              |       |
| A 59 TVOC as Toluene           | 1   | 14.382    | (2.823-25.941)  |               | 0   | 292092896 | 899.8           | 0                 |       |
| 61 4-Methyl-2-pentanone (MIBK) | 43  | 14.617    | 14.622          | -0.005        | 96  | 826534    | 10.2            | 8.76              |       |
| A 63 Toluene Range             | 1   | 14.894    | (14.854-14.934) |               | 0   | 3759213   | NC              | NC                |       |
| 65 Toluene                     | 92  | 14.894    | 14.894          | 0.000         | 93  | 916969    | 10.2            | 9.29              |       |
| A 62 C8 Range                  | 1   | 15.060    | (15.004-15.104) |               | 0   | 3873714   | NC              | NC                |       |
| 64 n-Octane                    | 43  | 15.060    | 15.054          | 0.006         | 90  | 952760    | 10.3            | 9.14              |       |
| 66 trans-1,3-Dichloropropene   | 75  | 15.492    | 15.492          | 0.000         | 98  | 695541    | 9.85            | 9.02              |       |
| 67 1,1,2-Trichloroethane       | 83  | 15.855    | 15.855          | 0.000         | 97  | 435759    | 10.5            | 9.38              |       |
| 68 Tetrachloroethene           | 166 | 16.015    | 16.020          | -0.005        | 96  | 945018    | 10.5            | 8.98              |       |
| 69 2-Hexanone                  | 43  | 16.372    | 16.372          | 0.000         | 95  | 790920    | 10.1            | 8.11              |       |
| 71 Chlorodibromomethane        | 129 | 16.623    | 16.623          | 0.000         | 97  | 1063764   | 10.6            | 9.09              |       |
| 72 Ethylene Dibromide          | 107 | 16.869    | 16.874          | -0.005        | 98  | 884643    | 10.7            | 9.76              |       |
| * 74 Chlorobenzene-d5          | 117 | 17.808    | 17.808          | 0.000         | 86  | 3262620   | 20.0            | 20.0              |       |
| 75 Chlorobenzene               | 112 | 17.867    | 17.867          | 0.000         | 94  | 1368633   | 10.5            | 9.62              |       |
| 76 Ethylbenzene                | 91  | 18.043    | 18.043          | 0.000         | 98  | 2254466   | 10.2            | 9.44              |       |
| 77 n-Nonane                    | 57  | 18.256    | 18.256          | 0.000         | 88  | 1022788   | 10.5            | 9.42              |       |
| 78 m-Xylene & p-Xylene         | 106 | 18.294    | 18.294          | 0.000         | 0   | 1762957   | 20.0            | 19.5              |       |
| 79 o-Xylene                    | 106 | 19.126    | 19.126          | 0.000         | 98  | 860787    | 10.4            | 9.63              |       |
| 80 Styrene                     | 104 | 19.174    | 19.174          | 0.000         | 99  | 1405244   | 10.3            | 10.1              |       |
| 81 Bromoform                   | 173 | 19.591    | 19.596          | -0.005        | 98  | 1039850   | 10.3            | 9.54              |       |
| 82 Isopropylbenzene            | 105 | 19.879    | 19.879          | 0.000         | 96  | 2693764   | 10.5            | 9.68              |       |
| S 73 Xylenes, Total            | 106 |           |                 |               | 0   |           | 30.0            | 29.2              |       |
| * 83 4-Bromofluorobenzene      | 95  | 20.258    | 20.258          | 0.000         | 94  | 2725815   | 20.0            | 20.0              |       |
| 84 1,1,2,2-Tetrachloroethane   | 83  | 20.562    | 20.562          | 0.000         | 100 | 1148030   | 10.3            | 9.06              |       |
| 86 1,2,3-Trichloropropane      | 75  | 20.647    | 20.647          | 0.000         | 96  | 1023538   | 10.6            | 9.69              |       |
| 85 N-Propylbenzene             | 91  | 20.663    | 20.663          | 0.000         | 99  | 3146060   | 10.4            | 9.53              |       |

| Compound                   | Sig | RT (min.) | Adj RT (min.) | Dlt RT (min.) | Q  | Response | Cal Amt ppb v/v | OnCol Amt ppb v/v | Flags |
|----------------------------|-----|-----------|---------------|---------------|----|----------|-----------------|-------------------|-------|
| 89 2-Chlorotoluene         | 91  | 20.861    | 20.861        | 0.000         | 97 | 2308235  | 10.4            | 9.68              |       |
| 88 4-Ethyltoluene          | 105 | 20.871    | 20.871        | 0.000         | 99 | 2774997  | 10.2            | 9.87              |       |
| 87 n-Decane                | 57  | 20.930    | 20.930        | 0.000         | 92 | 1407846  | 10.3            | 9.79              |       |
| 90 1,3,5-Trimethylbenzene  | 105 | 20.989    | 20.994        | -0.005        | 92 | 2373201  | 10.5            | 9.59              |       |
| 91 Alpha Methyl Styrene    | 118 | 21.373    | 21.378        | -0.005        | 88 | 1186117  | 10.2            | 9.99              |       |
| 92 tert-Butylbenzene       | 119 | 21.506    | 21.506        | 0.000         | 92 | 2364504  | 10.4            | 9.61              |       |
| 93 1,2,4-Trimethylbenzene  | 105 | 21.608    | 21.608        | 0.000         | 98 | 2411507  | 10.4            | 9.79              |       |
| 94 sec-Butylbenzene        | 105 | 21.853    | 21.853        | 0.000         | 99 | 3519799  | 10.5            | 9.96              |       |
| 95 4-Isopropyltoluene      | 119 | 22.072    | 22.072        | 0.000         | 97 | 3015866  | 10.5            | 9.68              |       |
| 96 1,3-Dichlorobenzene     | 146 | 22.078    | 22.078        | 0.000         | 96 | 1691236  | 10.2            | 9.93              |       |
| 97 1,4-Dichlorobenzene     | 146 | 22.216    | 22.222        | -0.006        | 96 | 1702827  | 10.4            | 9.81              |       |
| 98 Benzyl chloride         | 91  | 22.408    | 22.408        | 0.000         | 99 | 1886026  | 10.2            | 10.1              |       |
| 100 n-Butylbenzene         | 91  | 22.654    | 22.654        | 0.000         | 98 | 2775450  | 10.5            | 9.98              |       |
| 99 Undecane                | 57  | 22.729    | 22.729        | 0.000         | 94 | 1571209  | 10.7            | 10.1              |       |
| 101 1,2-Dichlorobenzene    | 146 | 22.745    | 22.745        | 0.000         | 98 | 1644985  | 10.8            | 9.81              |       |
| 102 Dodecane               | 57  | 24.228    | 24.228        | 0.000         | 98 | 1441548  | 10.6            | 8.13              |       |
| 103 1,2,4-Trichlorobenzene | 180 | 25.082    | 25.082        | 0.000         | 94 | 1433975  | 11.0            | 9.47              |       |
| 104 Hexachlorobutadiene    | 225 | 25.285    | 25.285        | 0.000         | 96 | 1785441  | 10.8            | 8.98              |       |
| 105 Naphthalene            | 128 | 25.493    | 25.498        | -0.005        | 99 | 2469881  | 10.5            | 8.47              |       |
| 106 1,2,3-Trichlorobenzene | 180 | 25.931    | 25.931        | 0.000         | 95 | 1215948  | 10.9            | 7.86              |       |

**QC Flag Legend**

Processing Flags

NC - Not Calibrated

**Reagents:**

ATTO15LCSW\_00817

Amount Added: 200.00

Units: mL

ATTO15CISs\_00010

Amount Added: 40.00

Units: mL

Run Reagent



Report Date: 28-Dec-2020 11:12:39

Chrom Revision: 2.3 09-Dec-2020 16:22:14

Eurofins TestAmerica, Burlington

Data File: \\chromfs\Burlington\ChromData\CHC.i\20201217-44129.b\44129-19.D

Injection Date: 18-Dec-2020 10:01:30

Instrument ID: CHC.i

Operator ID: ggg

Lims ID: icv

Worklist Smp#: 19

Client ID:

Purge Vol: 200.000 mL

Dil. Factor: 1.0000

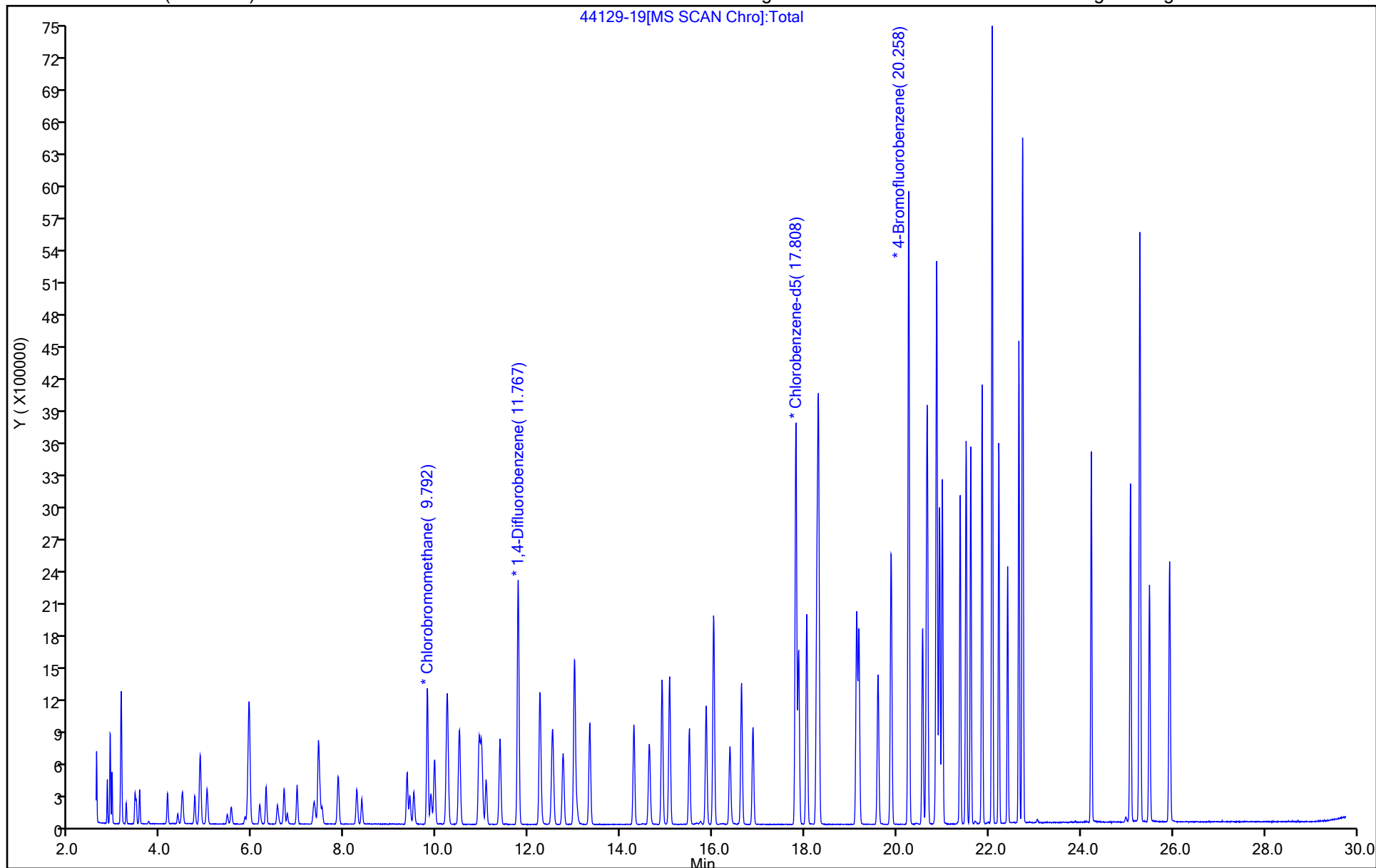
ALS Bottle#: 22

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 TestAmerica, Burlington Job No.: 200-56451-1  
 SDG No.: 200-56451-1  
 Lab Sample ID: CCVIS 200-162248/2 Calibration Date: 12/18/2020 11:56  
 Instrument ID: CHC.i Calib Start Date: 12/17/2020 17:10  
 GC Column: RTX-624 ID: 0.32 (mm) Calib End Date: 12/18/2020 04:03  
 Lab File ID: 44136-02.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        | 0.6433  | 0.6103 |         | 9.79        | 10.3         | -5.1  | 30.0   |
| Dichlorodifluoromethane          | Ave        | 3.223   | 2.345  |         | 7.60        | 10.4         | -27.2 | 30.0   |
| Chlorodifluoromethane            | Ave        | 1.593   | 1.367  |         | 8.99        | 10.5         | -14.2 | 30.0   |
| 1,2-Dichlorotetrafluoroethane    | Ave        | 2.916   | 2.602  |         | 9.29        | 10.4         | -10.8 | 30.0   |
| Chloromethane                    | Ave        | 0.6476  | 0.5848 |         | 9.86        | 10.9         | -9.7  | 30.0   |
| n-Butane                         | Ave        | 1.028   | 0.9186 |         | 9.25        | 10.4         | -10.7 | 30.0   |
| Vinyl chloride                   | Ave        | 0.8282  | 0.6769 |         | 8.49        | 10.4         | -18.3 | 30.0   |
| 1,3-Butadiene                    | Ave        | 0.6383  | 0.4890 |         | 7.75        | 10.1         | -23.4 | 30.0   |
| Bromomethane                     | Ave        | 0.8351  | 0.7211 |         | 8.90        | 10.3         | -13.7 | 30.0   |
| Chloroethane                     | Ave        | 0.3483  | 0.2921 |         | 8.71        | 10.4         | -16.1 | 30.0   |
| Isopentane                       | Ave        | 0.8029  | 0.6313 |         | 8.21        | 10.4         | -21.4 | 30.0   |
| Bromoethene (Vinyl Bromide)      | Ave        | 0.8301  | 0.7927 |         | 9.95        | 10.4         | -4.5  | 30.0   |
| Trichlorofluoromethane           | Ave        | 3.318   | 2.985  |         | 9.50        | 10.6         | -10.1 | 30.0   |
| n-Pentane                        | Ave        | 1.258   | 1.134  |         | 9.13        | 10.1         | -9.8  | 30.0   |
| Ethanol                          | Ave        | 0.3524  | 0.3482 |         | 15.7        | 15.0         | 4.6   | 30.0   |
| Ethyl ether                      | Ave        | 0.5780  | 0.5144 |         | 8.97        | 10.1         | -11.0 | 30.0   |
| Acrolein                         | Ave        | 0.2957  | 0.2827 |         | 9.29        | 9.72         | -4.4  | 30.0   |
| 1,1,2-Trichlorotrifluoroethane   | Ave        | 2.320   | 2.063  |         | 9.33        | 10.5         | -11.1 | 30.0   |
| 1,1-Dichloroethene               | Ave        | 0.9444  | 0.8790 |         | 9.57        | 10.3         | -6.9  | 30.0   |
| Acetone                          | Ave        | 1.350   | 1.258  |         | 9.54        | 10.2         | -6.8  | 30.0   |
| Carbon disulfide                 | Ave        | 2.612   | 2.408  |         | 9.37        | 10.2         | -7.8  | 30.0   |
| Isopropyl alcohol                | Ave        | 1.313   | 1.277  |         | 9.94        | 10.2         | -2.8  | 30.0   |
| 3-Chloropropene                  | Ave        | 1.181   | 1.031  |         | 9.29        | 10.6         | -12.7 | 30.0   |
| Acetonitrile                     | Ave        | 0.5440  | 0.5124 |         | 9.32        | 9.90         | -5.8  | 30.0   |
| Methylene Chloride               | Ave        | 1.058   | 0.998  |         | 9.70        | 10.3         | -5.7  | 30.0   |
| tert-Butyl alcohol               | Ave        | 1.824   | 1.704  |         | 10.1        | 10.8         | -6.6  | 30.0   |
| trans-1,2-Dichloroethene         | Ave        | 1.535   | 1.421  |         | 9.44        | 10.2         | -7.4  | 30.0   |
| Methyl tert-butyl ether          | Ave        | 3.084   | 2.734  |         | 9.26        | 10.4         | -11.3 | 30.0   |
| Acrylonitrile                    | Ave        | 0.5592  | 0.5470 |         | 9.89        | 10.1         | -2.2  | 30.0   |
| n-Hexane                         | Ave        | 1.342   | 1.185  |         | 9.35        | 10.6         | -11.7 | 30.0   |
| 1,1-Dichloroethane               | Ave        | 1.899   | 1.661  |         | 8.75        | 10.0         | -12.5 | 30.0   |
| Vinyl acetate                    | Ave        | 2.349   | 1.759  |         | 7.78        | 10.4         | -25.1 | 30.0   |
| cis-1,2-Dichloroethene           | Ave        | 1.246   | 1.149  |         | 9.32        | 10.1         | -7.8  | 30.0   |
| Methyl Ethyl Ketone (2-Butanone) | Ave        | 0.4867  | 0.4577 |         | 9.72        | 10.3         | -6.0  | 30.0   |
| Ethyl acetate                    | Ave        | 0.0919  | 0.0935 |         | 10.3        | 10.1         | 1.7   | 30.0   |
| Tetrahydrofuran                  | Ave        | 0.1880  | 0.1764 |         | 9.37        | 9.99         | -6.2  | 30.0   |
| Chloroform                       | Ave        | 2.931   | 2.650  |         | 9.13        | 10.1         | -9.6  | 30.0   |
| 1,1,1-Trichloroethane            | Ave        | 0.6060  | 0.5375 |         | 9.04        | 10.2         | -11.3 | 30.0   |
| Cyclohexane                      | Ave        | 0.2841  | 0.2581 |         | 9.22        | 10.1         | -9.1  | 30.0   |

FORM VII  
AIR - GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-56451-1  
 SDG No.: 200-56451-1  
 Lab Sample ID: CCVIS 200-162248/2 Calibration Date: 12/18/2020 11:56  
 Instrument ID: CHC.i Calib Start Date: 12/17/2020 17:10  
 GC Column: RTX-624 ID: 0.32 (mm) Calib End Date: 12/18/2020 04:03  
 Lab File ID: 44136-02.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        | 0.6919  | 0.6043 |         | 8.87        | 10.2         | -12.7 | 30.0   |
| Benzene                                       | Ave        | 0.6884  | 0.6366 |         | 9.55        | 10.3         | -7.5  | 30.0   |
| 2,2,4-Trimethylpentane                        | Ave        | 1.024   | 0.9334 |         | 9.54        | 10.5         | -8.8  | 30.0   |
| 1,2-Dichloroethane                            | Ave        | 0.3791  | 0.3267 |         | 8.93        | 10.4         | -13.8 | 30.0   |
| n-Heptane                                     | Ave        | 0.4158  | 0.3592 |         | 9.08        | 10.5         | -13.6 | 30.0   |
| Trichloroethene                               | Ave        | 0.3868  | 0.3805 |         | 10.4        | 10.5         | -1.6  | 30.0   |
| n-Butanol                                     | Ave        | 0.1373  | 0.1321 |         | 9.19        | 9.55         | -3.8  | 30.0   |
| 1,2-Dichloropropane                           | Ave        | 0.2871  | 0.2656 |         | 9.54        | 10.3         | -7.5  | 30.0   |
| Methyl methacrylate                           | Ave        | 0.2795  | 0.2726 |         | 9.91        | 10.2         | -2.5  | 30.0   |
| Dibromomethane                                | Ave        | 0.4579  | 0.4341 |         | 9.76        | 10.3         | -5.2  | 30.0   |
| 1,4-Dioxane                                   | Ave        | 0.1494  | 0.1469 |         | 10.4        | 10.6         | -1.7  | 30.0   |
| Bromodichloromethane                          | Ave        | 0.6907  | 0.6375 |         | 9.75        | 10.6         | -7.7  | 30.0   |
| cis-1,3-Dichloropropene                       | Ave        | 0.5792  | 0.5485 |         | 9.84        | 10.4         | -5.3  | 30.0   |
| 4-Methyl-2-pentanone (Methyl isobutyl ketone) | Ave        | 0.6769  | 0.6055 |         | 9.16        | 10.2         | -10.6 | 30.0   |
| Toluene                                       | Ave        | 0.6053  | 0.5715 |         | 9.59        | 10.2         | -5.6  | 30.0   |
| n-Octane                                      | Ave        | 0.7482  | 0.6872 |         | 9.49        | 10.3         | -8.1  | 30.0   |
| trans-1,3-Dichloropropene                     | Ave        | 0.5536  | 0.5193 |         | 9.27        | 9.88         | -6.2  | 30.0   |
| 1,1,2-Trichloroethane                         | Ave        | 0.2849  | 0.2569 |         | 9.45        | 10.5         | -9.8  | 30.0   |
| Tetrachloroethene                             | Ave        | 0.6454  | 0.5599 |         | 9.11        | 10.5         | -13.2 | 30.0   |
| Methyl Butyl Ketone (2-Hexanone)              | Ave        | 0.5978  | 0.5016 |         | 8.38        | 9.99         | -16.1 | 30.0   |
| Dibromochloromethane                          | Ave        | 0.7172  | 0.6809 |         | 9.19        | 9.68         | -5.1  | 30.0   |
| 1,2-Dibromoethane                             | Ave        | 0.5554  | 0.5199 |         | 9.93        | 10.6         | -6.4  | 30.0   |
| Chlorobenzene                                 | Ave        | 0.8722  | 0.8119 |         | 9.76        | 10.5         | -6.9  | 30.0   |
| Ethylbenzene                                  | Ave        | 1.463   | 1.365  |         | 9.54        | 10.2         | -6.7  | 30.0   |
| n-Nonane                                      | Ave        | 0.6653  | 0.6148 |         | 9.68        | 10.5         | -7.6  | 30.0   |
| m,p-Xylene                                    | Ave        | 0.5529  | 0.5275 |         | 19.6        | 20.6         | -4.6  | 30.0   |
| o-Xylene                                      | Ave        | 0.5481  | 0.5116 |         | 9.67        | 10.4         | -6.7  | 30.0   |
| Styrene                                       | Ave        | 0.8540  | 0.8595 |         | 10.4        | 10.3         | 0.6   | 30.0   |
| Bromoform                                     | Ave        | 0.6682  | 0.6208 |         | 9.56        | 10.3         | -7.1  | 30.0   |
| Cumene                                        | Ave        | 1.706   | 1.621  |         | 9.91        | 10.4         | -5.0  | 30.0   |
| 1,1,2,2-Tetrachloroethane                     | Ave        | 0.7770  | 0.7005 |         | 9.32        | 10.3         | -9.9  | 30.0   |
| 1,2,3-Trichloropropane                        | Ave        | 0.6473  | 0.6096 |         | 9.97        | 10.6         | -5.8  | 30.0   |
| n-Propylbenzene                               | Ave        | 2.023   | 1.907  |         | 9.80        | 10.4         | -5.8  | 30.0   |
| 2-Chlorotoluene                               | Ave        | 1.462   | 1.367  |         | 9.77        | 10.4         | -6.4  | 30.0   |
| 4-Ethyltoluene                                | Ave        | 1.723   | 1.662  |         | 9.96        | 10.3         | -3.5  | 30.0   |
| n-Decane                                      | Ave        | 0.8811  | 0.8495 |         | 10.0        | 10.4         | -3.6  | 30.0   |
| 1,3,5-Trimethylbenzene                        | Ave        | 1.517   | 1.429  |         | 9.79        | 10.4         | -5.8  | 30.0   |
| Alpha Methyl Styrene                          | Ave        | 0.7281  | 0.7310 |         | 10.2        | 10.2         | 0.4   | 30.0   |
| tert-Butylbenzene                             | Ave        | 1.509   | 1.408  |         | 9.67        | 10.4         | -6.7  | 30.0   |
| 1,2,4-Trimethylbenzene                        | Ave        | 1.511   | 1.449  |         | 9.97        | 10.4         | -4.1  | 30.0   |

FORM VII  
AIR - GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-56451-1  
 SDG No.: 200-56451-1  
 Lab Sample ID: CCVIS 200-162248/2 Calibration Date: 12/18/2020 11:56  
 Instrument ID: CHC.i Calib Start Date: 12/17/2020 17:10  
 GC Column: RTX-624 ID: 0.32 (mm) Calib End Date: 12/18/2020 04:03  
 Lab File ID: 44136-02.D Conc. Units: ppb v/v Heated Purge: (Y/N) N

| ANALYTE                | CURVE<br>TYPE | AVE RRF | RRF    | MIN RRF | CALC<br>AMOUNT | SPIKE<br>AMOUNT | %D    | MAX<br>%D |
|------------------------|---------------|---------|--------|---------|----------------|-----------------|-------|-----------|
| sec-Butylbenzene       | Ave           | 2.167   | 2.107  |         | 10.2           | 10.5            | -2.8  | 30.0      |
| 4-Isopropyltoluene     | Ave           | 1.911   | 1.829  |         | 9.87           | 10.3            | -4.3  | 30.0      |
| 1,3-Dichlorobenzene    | Ave           | 1.044   | 0.9902 |         | 10.0           | 10.6            | -5.2  | 30.0      |
| 1,4-Dichlorobenzene    | Ave           | 1.064   | 0.995  |         | 9.79           | 10.5            | -6.5  | 30.0      |
| Benzyl chloride        | Ave           | 1.142   | 1.098  |         | 10.2           | 10.6            | -3.9  | 30.0      |
| n-Butylbenzene         | Ave           | 1.705   | 1.659  |         | 10.1           | 10.4            | -2.7  | 30.0      |
| n-Undecane             | Ave           | 0.9536  | 0.9450 |         | 10.4           | 10.5            | -0.9  | 30.0      |
| 1,2-Dichlorobenzene    | Ave           | 1.028   | 0.9785 |         | 9.93           | 10.4            | -4.8  | 30.0      |
| n-Dodecane             | Ave           | 1.088   | 0.9893 |         | 8.51           | 9.36            | -9.0  | 30.0      |
| 1,2,4-Trichlorobenzene | Ave           | 0.9286  | 0.8330 |         | 9.74           | 10.9            | -10.3 | 30.0      |
| Hexachlorobutadiene    | Ave           | 1.219   | 1.081  |         | 9.10           | 10.3            | -11.3 | 30.0      |
| Naphthalene            | Ave           | 1.787   | 1.610  |         | 8.75           | 9.72            | -9.9  | 30.0      |
| 1,2,3-Trichlorobenzene | Ave           | 0.9479  | 0.8367 |         | 8.05           | 9.12            | -11.7 | 30.0      |

Eurofins TestAmerica, Burlington  
Target Compound Quantitation Report

Data File: \\chromfs\Burlington\ChromData\CHC.i\20201218-44136.b\44136-02.D  
 Lims ID: ccvis  
 Client ID:  
 Sample Type: CCVIS  
 Inject. Date: 18-Dec-2020 11:56:30 ALS Bottle#: 2 Worklist Smp#: 2  
 Purge Vol: 200.000 mL Dil. Factor: 1.0000  
 Sample Info: 200-0044136-002  
 Operator ID: vtp Instrument ID: CHC.i  
 Sublist: chrom-TO15\_MasterMethod\_(v1)\_CHC.i\*sub10  
 Method: \\chromfs\Burlington\ChromData\CHC.i\20201218-44136.b\TO15\_MasterMethod\_(v1)\_CHC.i.m  
 Limit Group: AI\_TO15\_ICAL  
 Last Update: 21-Dec-2020 14:53:54 Calib Date: 18-Dec-2020 04:03:30  
 Integrator: RTE ID Type: Deconvolution ID  
 Quant Method: Internal Standard Quant By: Initial Calibration  
 Last ICal File: \\chromfs\Burlington\ChromData\CHC.i\20201217-44129.b\44129-14.D  
 Column 1 : RTX-624 ( 0.32 mm) Det: MS SCAN  
 Process Host: CTX1658

First Level Reviewer: puangmaleek

Date: 21-Dec-2020 14:53:54

| 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  | 2.833     | 2.833         | 0.000         | 97  | 152393   | 10.3            | 9.79              |       |
| 2 Dichlorodifluoromethane           | 85  | 2.897     | 2.897         | 0.000         | 100 | 592418   | 10.4            | 7.60              |       |
| 3 Chlorodifluoromethane             | 51  | 2.934     | 2.934         | 0.000         | 98  | 346651   | 10.5            | 8.99              |       |
| 4 1,2-Dichloro-1,1,2,2-tetrafluoro  | 85  | 3.137     | 3.137         | 0.000         | 89  | 655361   | 10.4            | 9.29              |       |
| 5 Chloromethane                     | 50  | 3.244     | 3.244         | 0.000         | 99  | 154510   | 10.9            | 9.86              |       |
| 6 Butane                            | 43  | 3.436     | 3.436         | 0.000         | 94  | 230267   | 10.4            | 9.25              |       |
| 7 Vinyl chloride                    | 62  | 3.463     | 3.463         | 0.000         | 100 | 170179   | 10.4            | 8.49              |       |
| 8 Butadiene                         | 54  | 3.537     | 3.537         | 0.000         | 93  | 119734   | 10.1            | 7.75              |       |
| 9 BFB                               |     |           |               |               |     |          |                 |                   |       |
| 10 Bromomethane                     | 94  | 4.140     | 4.140         | 0.000         | 96  | 179888   | 10.3            | 8.90              |       |
| 11 Chloroethane                     | 64  | 4.359     | 4.359         | 0.000         | 98  | 73435    | 10.4            | 8.71              |       |
| 12 2-Methylbutane                   | 43  | 4.461     | 4.461         | 0.000         | 85  | 159478   | 10.4            | 8.21              |       |
| 13 Vinyl bromide                    | 106 | 4.733     | 4.733         | 0.000         | 95  | 199858   | 10.4            | 9.95              |       |
| 14 Trichlorofluoromethane           | 101 | 4.850     | 4.850         | 0.000         | 99  | 762621   | 10.6            | 9.50              |       |
| 16 Pentane                          | 43  | 5.000     | 5.000         | 0.000         | 96  | 277944   | 10.1            | 9.13              |       |
| 17 Ethanol                          | 45  | 5.442     | 5.442         | 0.000         | 98  | 126424   | 15.0            | 15.7              |       |
| 18 Ethyl ether                      | 59  | 5.523     | 5.523         | 0.000         | 93  | 125462   | 10.1            | 8.97              |       |
| 19 Acrolein                         | 56  | 5.821     | 5.821         | 0.000         | 98  | 66482    | 9.72            | 9.29              |       |
| 20 1,1,2-Trichloro-1,2,2-trifluoroe | 101 | 5.912     | 5.912         | 0.000         | 93  | 523661   | 10.5            | 9.33              |       |
| 21 1,1-Dichloroethene               | 96  | 5.917     | 5.917         | 0.000         | 98  | 218646   | 10.3            | 9.57              |       |
| 22 Acetone                          | 43  | 6.147     | 6.147         | 0.000         | 100 | 311772   | 10.2            | 9.54              |       |
| 23 Carbon disulfide                 | 76  | 6.280     | 6.280         | 0.000         | 99  | 591918   | 10.2            | 9.37              |       |
| 24 Isopropyl alcohol                | 45  | 6.531     | 6.531         | 0.000         | 99  | 315693   | 10.2            | 9.94              |       |
| 25 3-Chloro-1-propene               | 41  | 6.681     | 6.681         | 0.000         | 96  | 265690   | 10.6            | 9.29              |       |
| 26 Acetonitrile                     | 41  | 6.745     | 6.745         | 0.000         | 98  | 122734   | 9.90            | 9.32              |       |
| 27 Methylene Chloride               | 49  | 6.958     | 6.958         | 0.000         | 93  | 248224   | 10.3            | 9.70              |       |
| 28 2-Methyl-2-propanol              | 59  | 7.326     | 7.326         | 0.000         | 96  | 444359   | 10.8            | 10.1              |       |
| 31 trans-1,2-Dichloroethene         | 61  | 7.417     | 7.417         | 0.000         | 97  | 350639   | 10.2            | 9.44              |       |
| 29 Methyl tert-butyl ether          | 73  | 7.438     | 7.438         | 0.000         | 94  | 691371   | 10.4            | 9.26              |       |
| 32 Acrylonitrile                    | 53  | 7.508     | 7.508         | 0.000         | 94  | 133802   | 10.1            | 9.89              |       |
| 33 Hexane                           | 57  | 7.849     | 7.849         | 0.000         | 87  | 303649   | 10.6            | 9.35              |       |

| Compound                       | Sig | RT (min.) | Adj RT (min.)   | Dlt RT (min.) | Q   | Response  | Cal Amt ppb v/v | OnCol Amt ppb v/v | Flags |
|--------------------------------|-----|-----------|-----------------|---------------|-----|-----------|-----------------|-------------------|-------|
| 34 1,1-Dichloroethane          | 63  | 8.250     | 8.250           | 0.000         | 99  | 401927    | 10.0            | 8.75              |       |
| 35 Vinyl acetate               | 43  | 8.362     | 8.362           | 0.000         | 99  | 442276    | 10.4            | 7.78              |       |
| 37 cis-1,2-Dichloroethene      | 96  | 9.349     | 9.349           | 0.000         | 92  | 280799    | 10.1            | 9.32              |       |
| 38 2-Butanone (MEK)            | 72  | 9.408     | 9.408           | 0.000         | 100 | 114518    | 10.3            | 9.72              |       |
| 39 Ethyl acetate               | 88  | 9.493     | 9.493           | 0.000         | 99  | 22910     | 10.1            | 10.3              |       |
| * 40 Chlorobromomethane        | 128 | 9.787     | 9.787           | 0.000         | 78  | 484010    | 20.0            | 20.0              |       |
| 41 Tetrahydrofuran             | 42  | 9.867     | 9.867           | 0.000         | 89  | 253068    | 9.99            | 9.37              |       |
| 42 Chloroform                  | 83  | 9.947     | 9.947           | 0.000         | 97  | 647601    | 10.1            | 9.13              |       |
| S 30 1,2-Dichloroethene, Total | 61  |           |                 |               | 0   |           | 20.3            | 18.8              |       |
| 44 1,1,1-Trichloroethane       | 97  | 10.219    | 10.219          | 0.000         | 94  | 786613    | 10.2            | 9.04              |       |
| 43 Cyclohexane                 | 84  | 10.224    | 10.224          | 0.000         | 94  | 376323    | 10.1            | 9.22              |       |
| 45 Carbon tetrachloride        | 117 | 10.486    | 10.486          | 0.000         | 98  | 881864    | 10.2            | 8.87              |       |
| 47 Benzene                     | 78  | 10.913    | 10.913          | 0.000         | 97  | 944528    | 10.3            | 9.55              |       |
| 46 Isooctane                   | 57  | 10.966    | 10.966          | 0.000         | 97  | 1403627   | 10.5            | 9.54              |       |
| 48 1,2-Dichloroethane          | 62  | 11.068    | 11.068          | 0.000         | 98  | 486128    | 10.4            | 8.93              |       |
| 49 n-Heptane                   | 43  | 11.366    | 11.366          | 0.000         | 93  | 542175    | 10.5            | 9.08              |       |
| * 50 1,4-Difluorobenzene       | 114 | 11.761    | 11.761          | 0.000         | 94  | 2873164   | 20.0            | 20.0              |       |
| 53 Trichloroethene             | 95  | 12.236    | 12.236          | 0.000         | 98  | 575480    | 10.5            | 10.4              |       |
| 52 n-Butanol                   | 56  | 12.263    | 12.263          | 0.000         | 89  | 181254    | 9.55            | 9.19              |       |
| A 51 GRO                       | 1   | 12.693    | (4.451-20.935)  |               | 0   | 173961895 | 649.9           | 0                 |       |
| 54 1,2-Dichloropropane         | 63  | 12.738    | 12.738          | 0.000         | 86  | 393351    | 10.3            | 9.54              |       |
| 55 Methyl methacrylate         | 69  | 12.978    | 12.978          | 0.000         | 95  | 397844    | 10.2            | 9.91              |       |
| 57 Dibromomethane              | 174 | 12.994    | 12.994          | 0.000         | 91  | 642239    | 10.3            | 9.76              |       |
| 56 1,4-Dioxane                 | 88  | 13.048    | 13.048          | 0.000         | 91  | 223283    | 10.6            | 10.4              |       |
| 58 Dichlorobromomethane        | 83  | 13.320    | 13.320          | 0.000         | 98  | 967764    | 10.6            | 9.75              |       |
| 60 cis-1,3-Dichloropropene     | 75  | 14.280    | 14.280          | 0.000         | 95  | 818551    | 10.4            | 9.84              |       |
| A 59 TVOC as Toluene           | 1   | 14.382    | (2.823-25.941)  |               | 0   | 304987985 | 899.8           | 0                 |       |
| 61 4-Methyl-2-pentanone (MIBK) | 43  | 14.617    | 14.617          | 0.000         | 96  | 890525    | 10.2            | 9.16              |       |
| A 63 Toluene Range             | 1   | 14.894    | (14.854-14.934) |               | 0   | 3945579   | NC              | NC                |       |
| 65 Toluene                     | 92  | 14.894    | 14.894          | 0.000         | 94  | 974670    | 10.2            | 9.59              |       |
| A 62 C8 Range                  | 1   | 15.054    | (15.004-15.104) |               | 0   | 4080383   | NC              | NC                |       |
| 64 n-Octane                    | 43  | 15.054    | 15.054          | 0.000         | 92  | 1019653   | 10.3            | 9.49              |       |
| 66 trans-1,3-Dichloropropene   | 75  | 15.487    | 15.487          | 0.000         | 99  | 736858    | 9.88            | 9.27              |       |
| 67 1,1,2-Trichloroethane       | 83  | 15.849    | 15.849          | 0.000         | 96  | 451999    | 10.5            | 9.45              |       |
| 68 Tetrachloroethene           | 166 | 16.015    | 16.015          | 0.000         | 96  | 986827    | 10.5            | 9.11              |       |
| 69 2-Hexanone                  | 43  | 16.367    | 16.367          | 0.000         | 95  | 841083    | 9.99            | 8.38              |       |
| 71 Chlorodibromomethane        | 129 | 16.618    | 16.618          | 0.000         | 97  | 1106332   | 9.68            | 9.19              |       |
| 72 Ethylene Dibromide          | 107 | 16.874    | 16.874          | 0.000         | 98  | 925885    | 10.6            | 9.93              |       |
| * 74 Chlorobenzene-d5          | 117 | 17.803    | 17.803          | 0.000         | 86  | 3357883   | 20.0            | 20.0              |       |
| 75 Chlorobenzene               | 112 | 17.861    | 17.861          | 0.000         | 95  | 1429711   | 10.5            | 9.76              |       |
| 76 Ethylbenzene                | 91  | 18.038    | 18.038          | 0.000         | 98  | 2342498   | 10.2            | 9.54              |       |
| 77 n-Nonane                    | 57  | 18.262    | 18.262          | 0.000         | 87  | 1081551   | 10.5            | 9.68              |       |
| 78 m-Xylene & p-Xylene         | 106 | 18.294    | 18.294          | 0.000         | 0   | 1820389   | 20.6            | 19.6              |       |
| 79 o-Xylene                    | 106 | 19.126    | 19.126          | 0.000         | 98  | 889656    | 10.4            | 9.67              |       |
| 80 Styrene                     | 104 | 19.174    | 19.174          | 0.000         | 98  | 1488965   | 10.3            | 10.4              |       |
| 81 Bromoform                   | 173 | 19.591    | 19.591          | 0.000         | 98  | 1072267   | 10.3            | 9.56              |       |
| 82 Isopropylbenzene            | 105 | 19.873    | 19.873          | 0.000         | 96  | 2837912   | 10.4            | 9.91              |       |
| S 73 Xylenes, Total            | 106 |           |                 |               | 0   |           | 30.9            | 29.3              |       |
| * 83 4-Bromofluorobenzene      | 95  | 20.258    | 20.258          | 0.000         | 96  | 2806372   | 20.0            | 20.0              |       |
| 84 1,1,2,2-Tetrachloroethane   | 83  | 20.557    | 20.557          | 0.000         | 100 | 1215777   | 10.3            | 9.32              |       |
| 86 1,2,3-Trichloropropane      | 75  | 20.647    | 20.647          | 0.000         | 96  | 1083585   | 10.6            | 9.97              |       |
| 85 N-Propylbenzene             | 91  | 20.663    | 20.663          | 0.000         | 99  | 3328792   | 10.4            | 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 |
|----------------------------|-----|-----------|---------------|---------------|----|----------|-----------------|-------------------|-------|
| 89 2-Chlorotoluene         | 91  | 20.861    | 20.861        | 0.000         | 97 | 2396347  | 10.4            | 9.77              |       |
| 88 4-Ethyltoluene          | 105 | 20.871    | 20.871        | 0.000         | 98 | 2882343  | 10.3            | 9.96              |       |
| 87 n-Decane                | 57  | 20.925    | 20.925        | 0.000         | 92 | 1485961  | 10.4            | 10.0              |       |
| 90 1,3,5-Trimethylbenzene  | 105 | 20.989    | 20.989        | 0.000         | 92 | 2492038  | 10.4            | 9.79              |       |
| 91 Alpha Methyl Styrene    | 118 | 21.378    | 21.378        | 0.000         | 89 | 1251611  | 10.2            | 10.2              |       |
| 92 tert-Butylbenzene       | 119 | 21.507    | 21.507        | 0.000         | 93 | 2448997  | 10.4            | 9.67              |       |
| 93 1,2,4-Trimethylbenzene  | 105 | 21.608    | 21.608        | 0.000         | 98 | 2529924  | 10.4            | 9.97              |       |
| 94 sec-Butylbenzene        | 105 | 21.853    | 21.853        | 0.000         | 99 | 3699436  | 10.5            | 10.2              |       |
| 95 4-Isopropyltoluene      | 119 | 22.072    | 22.072        | 0.000         | 97 | 3165179  | 10.3            | 9.87              |       |
| 96 1,3-Dichlorobenzene     | 146 | 22.078    | 22.078        | 0.000         | 96 | 1758616  | 10.6            | 10.0              |       |
| 97 1,4-Dichlorobenzene     | 146 | 22.216    | 22.216        | 0.000         | 95 | 1749300  | 10.5            | 9.79              |       |
| 98 Benzyl chloride         | 91  | 22.409    | 22.409        | 0.000         | 99 | 1949843  | 10.6            | 10.2              |       |
| 100 n-Butylbenzene         | 91  | 22.654    | 22.654        | 0.000         | 98 | 2893986  | 10.4            | 10.1              |       |
| 99 Undecane                | 57  | 22.729    | 22.729        | 0.000         | 93 | 1659228  | 10.5            | 10.4              |       |
| 101 1,2-Dichlorobenzene    | 146 | 22.745    | 22.745        | 0.000         | 97 | 1714826  | 10.4            | 9.93              |       |
| 102 Dodecane               | 57  | 24.228    | 24.228        | 0.000         | 98 | 1554420  | 9.36            | 8.51              |       |
| 103 1,2,4-Trichlorobenzene | 180 | 25.082    | 25.082        | 0.000         | 94 | 1518544  | 10.9            | 9.74              |       |
| 104 Hexachlorobutadiene    | 225 | 25.285    | 25.285        | 0.000         | 96 | 1862060  | 10.3            | 9.10              |       |
| 105 Naphthalene            | 128 | 25.493    | 25.493        | 0.000         | 99 | 2626397  | 9.72            | 8.75              |       |
| 106 1,2,3-Trichlorobenzene | 180 | 25.931    | 25.931        | 0.000         | 96 | 1280952  | 9.12            | 8.05              |       |

**QC Flag Legend**

Processing Flags

NC - Not Calibrated

**Reagents:**

ATTO15CAL4w\_00756

Amount Added: 200.00

Units: mL

ATTO15CISs\_00010

Amount Added: 40.00

Units: mL

Run Reagent

Report Date: 21-Dec-2020 14:53:55

Chrom Revision: 2.3 09-Dec-2020 16:22:14

Eurofins TestAmerica, Burlington

Data File: \\chromfs\Burlington\ChromData\CHC.i\20201218-44136.b\44136-02.D

Injection Date: 18-Dec-2020 11:56:30

Instrument ID: CHC.i

Operator ID: vtp

Lims ID: ccvis

Worklist Smp#: 2

Client ID:

Purge Vol: 200.000 mL

Dil. Factor: 1.0000

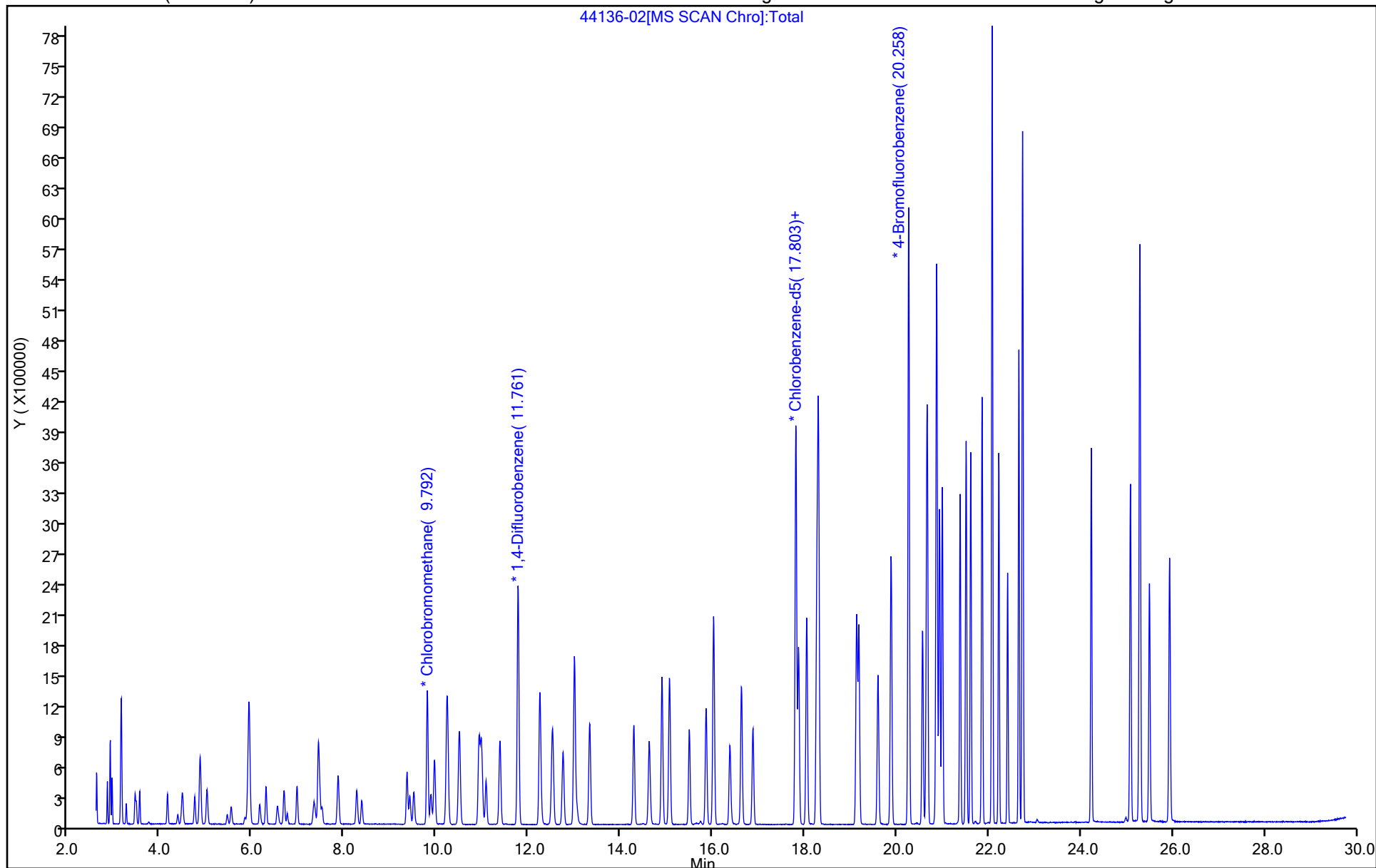
ALS Bottle#: 2

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 VII  
AIR - GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-56451-1  
 SDG No.: 200-56451-1  
 Lab Sample ID: ICV 200-161875/10 Calibration Date: 12/09/2020 18:23  
 Instrument ID: CHG.i Calib Start Date: 12/09/2020 11:26  
 GC Column: RTX-624 ID: 0.32 (mm) Calib End Date: 12/09/2020 17:31  
 Lab File ID: 200-43976-010.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        | 0.4385  | 0.4306 |         | 9.95        | 10.1         | -1.8  | 30.0   |
| Dichlorodifluoromethane          | Ave        | 2.933   | 2.775  |         | 10.0        | 10.6         | -5.4  | 30.0   |
| Chlorodifluoromethane            | Ave        | 1.254   | 1.136  |         | 9.58        | 10.6         | -9.4  | 30.0   |
| 1,2-Dichlorotetrafluoroethane    | Ave        | 2.542   | 2.330  |         | 9.71        | 10.6         | -8.3  | 30.0   |
| Chloromethane                    | Ave        | 0.4958  | 0.4860 |         | 9.74        | 9.94         | -2.0  | 30.0   |
| Vinyl chloride                   | Ave        | 0.6199  | 0.5809 |         | 9.36        | 9.99         | -6.3  | 30.0   |
| n-Butane                         | Ave        | 0.7832  | 0.7352 |         | 9.67        | 10.3         | -6.1  | 30.0   |
| 1,3-Butadiene                    | Ave        | 0.4283  | 0.3968 |         | 8.98        | 9.70         | -7.4  | 30.0   |
| Bromomethane                     | Ave        | 0.8627  | 0.7471 |         | 9.01        | 10.4         | -13.4 | 30.0   |
| Chloroethane                     | Ave        | 0.2589  | 0.2227 |         | 9.09        | 10.6         | -14.0 | 30.0   |
| Isopentane                       | Ave        | 0.6189  | 0.5419 |         | 9.15        | 10.4         | -12.4 | 30.0   |
| Bromoethene (Vinyl Bromide)      | Ave        | 0.8717  | 0.8288 |         | 9.55        | 10.0         | -4.9  | 30.0   |
| Trichlorofluoromethane           | Ave        | 2.752   | 2.697  |         | 10.2        | 10.4         | -2.0  | 30.0   |
| n-Pentane                        | Ave        | 0.9129  | 0.7795 |         | 8.72        | 10.2         | -14.6 | 30.0   |
| Ethanol                          | Ave        | 0.2499  | 0.2657 |         | 16.0        | 15.0         | 6.3   | 30.0   |
| Ethyl ether                      | Ave        | 0.3230  | 0.3049 |         | 9.65        | 10.2         | -5.6  | 30.0   |
| Acrolein                         | Ave        | 0.1265  | 0.1338 |         | 10.3        | 9.71         | 5.8   | 30.0   |
| 1,1-Dichloroethene               | Ave        | 0.8271  | 0.7137 |         | 8.79        | 10.2         | -13.7 | 30.0   |
| Acetone                          | Ave        | 0.7344  | 0.7478 |         | 10.6        | 10.4         | 1.8   | 30.0   |
| 1,1,2-Trichlorotrifluoroethane   | Ave        | 1.919   | 1.665  |         | 9.26        | 10.7         | -13.2 | 30.0   |
| Isopropyl alcohol                | Ave        | 0.9146  | 0.9153 |         | 10.2        | 10.2         | 0.0   | 30.0   |
| Carbon disulfide                 | Ave        | 2.197   | 1.932  |         | 9.11        | 10.4         | -12.1 | 30.0   |
| Acetonitrile                     | Ave        | 0.3002  | 0.3180 |         | 10.3        | 9.72         | 5.9   | 30.0   |
| 3-Chloropropene                  | Ave        | 0.7394  | 0.7195 |         | 10.4        | 10.7         | -2.7  | 30.0   |
| Methylene Chloride               | Ave        | 0.8595  | 0.7905 |         | 9.43        | 10.2         | -8.0  | 30.0   |
| tert-Butyl alcohol               | Ave        | 1.184   | 1.144  |         | 10.4        | 10.8         | -3.4  | 30.0   |
| Acrylonitrile                    | Ave        | 0.2938  | 0.2874 |         | 9.97        | 10.2         | -2.2  | 30.0   |
| trans-1,2-Dichloroethene         | Ave        | 1.188   | 1.019  |         | 8.85        | 10.3         | -14.3 | 30.0   |
| Methyl tert-butyl ether          | Ave        | 1.733   | 1.663  |         | 10.1        | 10.6         | -4.0  | 30.0   |
| n-Hexane                         | Ave        | 0.8435  | 0.7147 |         | 8.87        | 10.5         | -15.3 | 30.0   |
| 1,1-Dichloroethane               | Ave        | 1.341   | 1.112  |         | 8.51        | 10.3         | -17.1 | 30.0   |
| Vinyl acetate                    | Ave        | 1.265   | 1.044  |         | 8.31        | 10.1         | -17.5 | 30.0   |
| Methyl Ethyl Ketone (2-Butanone) | Ave        | 0.2825  | 0.2372 |         | 8.70        | 10.4         | -16.1 | 30.0   |
| cis-1,2-Dichloroethene           | Ave        | 0.8816  | 0.7736 |         | 9.10        | 10.4         | -12.2 | 30.0   |
| Ethyl acetate                    | Ave        | 0.0384  | 0.0351 |         | 9.34        | 10.2         | -8.6  | 30.0   |
| Tetrahydrofuran                  | Ave        | 0.1018  | 0.0991 |         | 9.55        | 9.81         | -2.7  | 30.0   |
| Chloroform                       | Ave        | 2.108   | 1.899  |         | 9.30        | 10.3         | -9.9  | 30.0   |
| 1,1,1-Trichloroethane            | Ave        | 0.4337  | 0.3793 |         | 9.02        | 10.3         | -12.5 | 30.0   |
| Cyclohexane                      | Ave        | 0.1901  | 0.1474 |         | 7.92        | 10.2         | -22.5 | 30.0   |

FORM VII  
AIR - GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-56451-1  
 SDG No.: 200-56451-1  
 Lab Sample ID: ICV 200-161875/10 Calibration Date: 12/09/2020 18:23  
 Instrument ID: CHG.i Calib Start Date: 12/09/2020 11:26  
 GC Column: RTX-624 ID: 0.32 (mm) Calib End Date: 12/09/2020 17:31  
 Lab File ID: 200-43976-010.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        | 0.4993  | 0.4730 |         | 9.52        | 10.0         | -5.3  | 30.0   |
| Benzene                                       | Ave        | 0.4792  | 0.4157 |         | 9.01        | 10.4         | -13.3 | 30.0   |
| 1,2-Dichloroethane                            | Ave        | 0.2393  | 0.2132 |         | 9.32        | 10.5         | -10.9 | 30.0   |
| 2,2,4-Trimethylpentane                        | Ave        | 0.7062  | 0.6117 |         | 8.78        | 10.1         | -13.4 | 30.0   |
| n-Heptane                                     | Ave        | 0.2861  | 0.2404 |         | 8.66        | 10.3         | -16.0 | 30.0   |
| n-Butanol                                     | Ave        | 0.0981  | 0.0980 |         | 9.10        | 9.11         | -0.1  | 30.0   |
| Trichloroethene                               | Ave        | 0.3370  | 0.3240 |         | 9.89        | 10.3         | -3.8  | 30.0   |
| 1,2-Dichloropropane                           | Ave        | 0.1975  | 0.1588 |         | 8.32        | 10.3         | -19.6 | 30.0   |
| Methyl methacrylate                           | Ave        | 0.1522  | 0.1380 |         | 9.26        | 10.2         | -9.3  | 30.0   |
| 1,4-Dioxane                                   | Ave        | 0.1014  | 0.1063 |         | 10.8        | 10.3         | 4.8   | 30.0   |
| Dibromomethane                                | Ave        | 0.3366  | 0.3098 |         | 9.52        | 10.3         | -8.0  | 30.0   |
| Bromodichloromethane                          | Ave        | 0.5046  | 0.4608 |         | 9.39        | 10.3         | -8.7  | 30.0   |
| cis-1,3-Dichloropropene                       | Ave        | 0.3539  | 0.3257 |         | 9.15        | 9.94         | -8.0  | 30.0   |
| 4-Methyl-2-pentanone (Methyl isobutyl ketone) | Ave        | 0.3917  | 0.3501 |         | 9.11        | 10.2         | -10.6 | 30.0   |
| Toluene                                       | Ave        | 0.4394  | 0.4123 |         | 9.57        | 10.2         | -6.2  | 30.0   |
| n-Octane                                      | Ave        | 0.4341  | 0.3642 |         | 8.64        | 10.3         | -16.1 | 30.0   |
| trans-1,3-Dichloropropene                     | Ave        | 0.3234  | 0.2803 |         | 8.54        | 9.85         | -13.3 | 30.0   |
| 1,1,2-Trichloroethane                         | Ave        | 0.2410  | 0.2148 |         | 9.35        | 10.5         | -10.9 | 30.0   |
| Tetrachloroethene                             | Ave        | 0.4809  | 0.4733 |         | 10.3        | 10.5         | -1.6  | 30.0   |
| Methyl Butyl Ketone (2-Hexanone)              | Ave        | 0.3747  | 0.3592 |         | 9.69        | 10.1         | -4.1  | 30.0   |
| Dibromochloromethane                          | Ave        | 0.6311  | 0.5839 |         | 9.81        | 10.6         | -7.5  | 30.0   |
| 1,2-Dibromoethane                             | Ave        | 0.4404  | 0.4395 |         | 10.6        | 10.7         | -0.2  | 30.0   |
| Chlorobenzene                                 | Ave        | 0.6309  | 0.6074 |         | 10.1        | 10.5         | -3.7  | 30.0   |
| Ethylbenzene                                  | Ave        | 0.9929  | 0.9149 |         | 9.42        | 10.2         | -7.9  | 30.0   |
| m,p-Xylene                                    | Ave        | 0.3590  | 0.3663 |         | 20.4        | 20.0         | 2.0   | 30.0   |
| n-Nonane                                      | Ave        | 0.4007  | 0.3813 |         | 9.96        | 10.5         | -4.8  | 30.0   |
| o-Xylene                                      | Ave        | 0.3694  | 0.3477 |         | 9.76        | 10.4         | -5.9  | 30.0   |
| Styrene                                       | Ave        | 0.5482  | 0.5555 |         | 10.4        | 10.3         | 1.3   | 30.0   |
| Bromoform                                     | Ave        | 0.5602  | 0.5628 |         | 10.3        | 10.3         | 0.5   | 30.0   |
| Cumene                                        | Ave        | 1.012   | 1.011  |         | 10.4        | 10.5         | -0.1  | 30.0   |
| 1,1,2,2-Tetrachloroethane                     | Ave        | 0.5598  | 0.5143 |         | 9.51        | 10.3         | -8.1  | 30.0   |
| 1,2,3-Trichloropropane                        | Ave        | 0.4206  | 0.4224 |         | 10.7        | 10.6         | 0.4   | 30.0   |
| n-Propylbenzene                               | Ave        | 1.211   | 1.220  |         | 10.4        | 10.4         | 0.7   | 30.0   |
| 2-Chlorotoluene                               | Ave        | 0.8163  | 0.8141 |         | 10.4        | 10.4         | -0.3  | 30.0   |
| 4-Ethyltoluene                                | Ave        | 1.010   | 1.067  |         | 10.8        | 10.2         | 5.7   | 30.0   |
| 1,3,5-Trimethylbenzene                        | Ave        | 0.9068  | 0.9258 |         | 10.7        | 10.5         | 2.1   | 30.0   |
| n-Decane                                      | Ave        | 0.4584  | 0.4821 |         | 10.9        | 10.3         | 5.2   | 30.0   |
| Alpha Methyl Styrene                          | Ave        | 0.4360  | 0.4823 |         | 11.2        | 10.2         | 10.6  | 30.0   |
| tert-Butylbenzene                             | Ave        | 0.8307  | 0.8659 |         | 10.8        | 10.4         | 4.2   | 30.0   |
| 1,2,4-Trimethylbenzene                        | Ave        | 0.8983  | 0.9291 |         | 10.8        | 10.4         | 3.4   | 30.0   |

FORM VII  
AIR - GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-56451-1  
 SDG No.: 200-56451-1  
 Lab Sample ID: ICV 200-161875/10 Calibration Date: 12/09/2020 18:23  
 Instrument ID: CHG.i Calib Start Date: 12/09/2020 11:26  
 GC Column: RTX-624 ID: 0.32 (mm) Calib End Date: 12/09/2020 17:31  
 Lab File ID: 200-43976-010.D Conc. Units: ppb v/v Heated Purge: (Y/N) N

| ANALYTE                | CURVE<br>TYPE | AVE RRF | RRF    | MIN RRF | CALC<br>AMOUNT | SPIKE<br>AMOUNT | %D    | MAX<br>%D |
|------------------------|---------------|---------|--------|---------|----------------|-----------------|-------|-----------|
| sec-Butylbenzene       | Ave           | 1.244   | 1.306  |         | 11.0           | 10.5            | 5.0   | 30.0      |
| 1,3-Dichlorobenzene    | Ave           | 0.6605  | 0.7153 |         | 11.0           | 10.2            | 8.3   | 30.0      |
| 4-Isopropyltoluene     | Ave           | 1.097   | 1.109  |         | 10.6           | 10.5            | 1.1   | 30.0      |
| 1,4-Dichlorobenzene    | Ave           | 0.6707  | 0.7007 |         | 10.9           | 10.4            | 4.5   | 30.0      |
| Benzyl chloride        | Ave           | 0.6692  | 0.7388 |         | 11.2           | 10.2            | 10.4  | 30.0      |
| 1,2-Dichlorobenzene    | Ave           | 0.6535  | 0.6638 |         | 10.9           | 10.8            | 1.6   | 30.0      |
| n-Butylbenzene         | Ave           | 0.9456  | 1.006  |         | 11.2           | 10.5            | 6.4   | 30.0      |
| n-Undecane             | Ave           | 0.4617  | 0.4605 |         | 10.7           | 10.7            | -0.3  | 30.0      |
| n-Dodecane             | Ave           | 0.3802  | 0.2754 |         | 7.70           | 10.6            | -27.6 | 30.0      |
| 1,2,4-Trichlorobenzene | Ave           | 0.4934  | 0.5546 |         | 12.3           | 11.0            | 12.4  | 30.0      |
| Hexachlorobutadiene    | Ave           | 0.6246  | 0.6370 |         | 11.1           | 10.8            | 2.0   | 30.0      |
| Naphthalene            | Ave           | 0.9591  | 0.9490 |         | 10.4           | 10.5            | -1.1  | 30.0      |
| 1,2,3-Trichlorobenzene | Ave           | 0.4738  | 0.4066 |         | 9.32           | 10.9            | -14.2 | 30.0      |

Eurofins TestAmerica, Burlington  
Target Compound Quantitation Report

Data File: \\chromfs\Burlington\ChromData\CHG.i\20201209-43976.b\200-43976-010.D  
 Lims ID: icv  
 Client ID:  
 Sample Type: ICV  
 Inject. Date: 09-Dec-2020 18:23:30 ALS Bottle#: 9 Worklist Smp#: 10  
 Purge Vol: 200.000 mL Dil. Factor: 1.0000  
 Sample Info: 200-0043976-010  
 Misc. Info.: icv  
 Operator ID: ggg Instrument ID: CHG.i  
 Sublist:  
 Method: \\chromfs\Burlington\ChromData\CHG.i\20201209-43976.b\TO15\_MasterMethod\_(v1)\_G.m  
 Limit Group: AI\_TO15\_ICAL  
 Last Update: 10-Dec-2020 11:29:01 Calib Date: 09-Dec-2020 17:31:30  
 Integrator: RTE ID Type: Deconvolution ID  
 Quant Method: Internal Standard Quant By: Initial Calibration  
 Last ICal File: \\chromfs\Burlington\ChromData\CHG.i\20201209-43976.b\200-43976-009.D  
 Column 1 : RTX-624 ( 0.32 mm) Det: MS SCAN  
 Process Host: CTX1664

First Level Reviewer: phamvu

Date: 09-Dec-2020 18:56:40

| Compound                           | Sig | RT<br>(min.) | Adj RT<br>(min.) | Dlt RT<br>(min.) | Q   | Response | Cal Amt<br>ppb v/v | OnCol Amt<br>ppb v/v | Flags |
|------------------------------------|-----|--------------|------------------|------------------|-----|----------|--------------------|----------------------|-------|
| 1 Propene                          | 41  | 3.054        | 3.049            | 0.005            | 94  | 55994    | 10.1               | 9.95                 |       |
| 2 Dichlorodifluoromethane          | 85  | 3.107        | 3.108            | -0.001           | 99  | 376819   | 10.6               | 10.0                 |       |
| 3 Chlorodifluoromethane            | 51  | 3.129        | 3.124            | 0.005            | 96  | 154226   | 10.6               | 9.58                 |       |
| 4 1,2-Dichloro-1,1,2,2-tetrafluoro | 85  | 3.321        | 3.316            | 0.005            | 89  | 316694   | 10.6               | 9.71                 |       |
| 5 Chloromethane                    | 50  | 3.396        | 3.391            | 0.005            | 97  | 62015    | 9.94               | 9.74                 |       |
| 7 Vinyl chloride                   | 62  | 3.589        | 3.584            | 0.005            | 83  | 74490    | 9.99               | 9.36                 |       |
| 6 Butane                           | 43  | 3.594        | 3.589            | 0.005            | 93  | 97202    | 10.3               | 9.67                 |       |
| 8 Butadiene                        | 54  | 3.664        | 3.659            | 0.005            | 89  | 49407    | 9.70               | 8.98                 |       |
| 10 Bromomethane                    | 94  | 4.135        | 4.135            | 0.000            | 96  | 99743    | 10.4               | 9.01                 |       |
| 11 Chloroethane                    | 64  | 4.322        | 4.322            | 0.000            | 94  | 30221    | 10.6               | 9.09                 |       |
| 12 2-Methylbutane                  | 43  | 4.488        | 4.488            | 0.000            | 85  | 72695    | 10.4               | 9.15                 |       |
| 13 Vinyl bromide                   | 106 | 4.632        | 4.632            | 0.000            | 95  | 106925   | 10.0               | 9.55                 |       |
| 14 Trichlorofluoromethane          | 101 | 4.766        | 4.766            | 0.000            | 97  | 360448   | 10.4               | 10.2                 |       |
| 16 Pentane                         | 43  | 4.937        | 4.932            | 0.005            | 91  | 102166   | 10.2               | 8.72                 |       |
| 17 Ethanol                         | 45  | 5.001        | 5.001            | 0.000            | 96  | 51185    | 15.0               | 16.0                 |       |
| 18 Ethyl ether                     | 59  | 5.258        | 5.247            | 0.011            | 91  | 40041    | 10.2               | 9.65                 |       |
| 19 Acrolein                        | 56  | 5.429        | 5.429            | 0.000            | 98  | 16680    | 9.71               | 10.3                 |       |
| 21 1,1-Dichloroethene              | 96  | 5.638        | 5.633            | 0.005            | 98  | 93348    | 10.2               | 8.79                 |       |
| 22 Acetone                         | 43  | 5.665        | 5.665            | 0.000            | 71  | 100112   | 10.4               | 10.6                 |       |
| 9 BFB                              |     |              |                  |                  |     |          |                    |                      |       |
| 20 112TCTFE                        | 101 | 5.675        | 5.675            | 0.000            | 93  | 228205   | 10.7               | 9.26                 |       |
| 24 Isopropyl alcohol               | 45  | 5.905        | 5.905            | 0.000            | 100 | 119488   | 10.2               | 10.2                 |       |
| 23 Carbon disulfide                | 76  | 6.012        | 6.007            | 0.005            | 97  | 256967   | 10.4               | 9.11                 |       |
| 26 Acetonitrile                    | 41  | 6.093        | 6.087            | 0.006            | 96  | 39675    | 9.72               | 10.3                 |       |
| 25 3-Chloro-1-propene              | 41  | 6.248        | 6.242            | 0.006            | 96  | 99095    | 10.7               | 10.4                 |       |
| 27 Methylene Chloride              | 49  | 6.446        | 6.446            | 0.000            | 95  | 104015   | 10.2               | 9.43                 |       |
| 28 2-Methyl-2-propanol             | 59  | 6.622        | 6.617            | 0.005            | 97  | 158615   | 10.8               | 10.4                 |       |
| 32 Acrylonitrile                   | 53  | 6.799        | 6.799            | 0.000            | 90  | 37597    | 10.2               | 9.97                 |       |
| 31 trans-1,2-Dichloroethene        | 61  | 6.943        | 6.943            | 0.000            | 96  | 135106   | 10.3               | 8.85                 |       |
| 29 Methyl tert-butyl ether         | 73  | 6.959        | 6.954            | 0.005            | 94  | 225423   | 10.6               | 10.1                 |       |

| Compound                       | Sig | RT (min.) | Adj RT (min.)  | Dlt RT (min.) | Q  | Response | Cal Amt ppb v/v | OnCol Amt ppb v/v | Flags |
|--------------------------------|-----|-----------|----------------|---------------|----|----------|-----------------|-------------------|-------|
| 33 Hexane                      | 57  | 7.467     | 7.462          | 0.005         | 78 | 96057    | 10.5            | 8.87              |       |
| 34 1,1-Dichloroethane          | 63  | 7.671     | 7.660          | 0.011         | 98 | 146530   | 10.3            | 8.51              |       |
| 35 Vinyl acetate               | 43  | 7.681     | 7.682          | -0.001        | 99 | 134930   | 10.1            | 8.31              |       |
| 38 2-Butanone (MEK)            | 72  | 8.607     | 8.602          | 0.005         | 98 | 31540    | 10.4            | 8.70              |       |
| 37 cis-1,2-Dichloroethene      | 96  | 8.644     | 8.639          | 0.005         | 94 | 102977   | 10.4            | 9.10              |       |
| 39 Ethyl acetate               | 88  | 8.719     | 8.714          | 0.005         | 99 | 4600     | 10.2            | 9.34              |       |
| * 40 Chlorobromomethane        | 128 | 9.046     | 9.046          | 0.000         | 74 | 128389   | 10.0            | 10.0              |       |
| 41 Tetrahydrofuran             | 42  | 9.120     | 9.110          | 0.010         | 85 | 73419    | 9.81            | 9.55              |       |
| 42 Chloroform                  | 83  | 9.233     | 9.228          | 0.005         | 97 | 251553   | 10.3            | 9.30              |       |
| 44 1,1,1-Trichloroethane       | 97  | 9.564     | 9.559          | 0.005         | 95 | 295509   | 10.3            | 9.02              |       |
| S 30 1,2-Dichloroethene, Total | 61  |           |                |               | 0  |          | 20.0            | 18.0              |       |
| 43 Cyclohexane                 | 84  | 9.725     | 9.741          | -0.016        | 92 | 113715   | 10.2            | 7.92              | M     |
| 45 Carbon tetrachloride        | 117 | 9.864     | 9.870          | -0.006        | 96 | 358881   | 10.0            | 9.52              |       |
| 47 Benzene                     | 78  | 10.217    | 10.212         | 0.005         | 97 | 326043   | 10.4            | 9.01              |       |
| 48 1,2-Dichloroethane          | 62  | 10.276    | 10.271         | 0.005         | 97 | 168374   | 10.5            | 9.32              |       |
| 46 Isooctane                   | 57  | 10.501    | 10.501         | 0.000         | 95 | 468267   | 10.1            | 8.78              |       |
| 49 n-Heptane                   | 43  | 10.848    | 10.843         | 0.005         | 92 | 187105   | 10.3            | 8.66              |       |
| * 50 1,4-Difluorobenzene       | 114 | 11.025    | 11.020         | 0.005         | 94 | 755099   | 10.0            | 10.0              |       |
| 52 n-Butanol                   | 56  | 11.276    | 11.277         | 0.000         | 93 | 67388    | 9.11            | 9.10              |       |
| 53 Trichloroethene             | 95  | 11.501    | 11.507         | -0.006        | 98 | 251730   | 10.3            | 9.89              |       |
| 54 1,2-Dichloropropane         | 63  | 11.988    | 11.993         | -0.005        | 81 | 124076   | 10.3            | 8.32              | M     |
| 55 Methyl methacrylate         | 69  | 12.132    | 12.138         | -0.006        | 90 | 106392   | 10.2            | 9.26              |       |
| 56 1,4-Dioxane                 | 88  | 12.154    | 12.154         | 0.000         | 48 | 82592    | 10.3            | 10.8              |       |
| 57 Dibromomethane              | 174 | 12.159    | 12.159         | 0.000         | 94 | 241832   | 10.3            | 9.52              |       |
| A 51 GRO                       | 1   | 12.411    | (4.478-20.344) |               | 0  | 62938284 | 649.9           | 0                 |       |
| 58 Dichlorobromomethane        | 83  | 12.518    | 12.518         | 0.000         | 97 | 357959   | 10.3            | 9.39              |       |
| 60 cis-1,3-Dichloropropene     | 75  | 13.411    | 13.411         | 0.000         | 95 | 244430   | 9.94            | 9.15              |       |
| 61 4-Methyl-2-pentanone (MIBK) | 43  | 13.711    | 13.711         | -0.001        | 98 | 269309   | 10.2            | 9.11              |       |
| A 59 TVOC as Toluene           | 92  | 14.120    | (3.039-25.201) |               | 0  | 97384658 | 899.8           | 0                 |       |
| 65 Toluene                     | 92  | 14.128    | 14.128         | 0.000         | 94 | 289048   | 10.2            | 9.57              |       |
| 64 n-Octane                    | 43  | 14.459    | 14.460         | -0.001        | 91 | 283231   | 10.3            | 8.64              |       |
| 66 trans-1,3-Dichloropropene   | 75  | 14.556    | 14.556         | 0.000         | 98 | 208476   | 9.85            | 8.54              |       |
| 67 1,1,2-Trichloroethane       | 83  | 14.957    | 14.952         | 0.005         | 96 | 154860   | 10.5            | 9.35              |       |
| 68 Tetrachloroethene           | 166 | 15.208    | 15.209         | -0.001        | 94 | 340627   | 10.5            | 10.3              |       |
| 69 2-Hexanone                  | 43  | 15.422    | 15.423         | -0.001        | 94 | 249612   | 10.1            | 9.69              |       |
| 71 Chlorodibromomethane        | 129 | 15.743    | 15.744         | -0.001        | 96 | 425436   | 10.6            | 9.81              |       |
| 72 Ethylene Dibromide          | 107 | 15.989    | 15.990         | -0.001        | 96 | 322071   | 10.7            | 10.6              |       |
| * 74 Chlorobenzene-d5          | 117 | 16.979    | 16.979         | 0.000         | 86 | 687500   | 10.0            | 10.0              |       |
| 75 Chlorobenzene               | 112 | 17.043    | 17.043         | 0.000         | 96 | 438387   | 10.5            | 10.1              |       |
| 76 Ethylbenzene                | 91  | 17.268    | 17.268         | 0.000         | 98 | 643357   | 10.2            | 9.42              |       |
| 78 m-Xylene & p-Xylene         | 106 | 17.557    | 17.552         | 0.005         | 0  | 503578   | 20.0            | 20.4              |       |
| 77 n-Nonane                    | 57  | 17.675    | 17.675         | 0.000         | 88 | 274438   | 10.5            | 9.96              |       |
| 79 o-Xylene                    | 106 | 18.359    | 18.354         | 0.005         | 98 | 247841   | 10.4            | 9.76              |       |
| 80 Styrene                     | 104 | 18.391    | 18.392         | -0.001        | 98 | 392519   | 10.3            | 10.4              |       |
| 81 Bromoform                   | 173 | 18.739    | 18.739         | 0.000         | 95 | 398452   | 10.3            | 10.3              |       |
| 82 Isopropylbenzene            | 105 | 19.146    | 19.146         | 0.000         | 97 | 726574   | 10.5            | 10.4              |       |
| S 73 Xylenes, Total            | 106 |           |                |               | 0  |          | 30.0            | 30.2              |       |
| 84 1,1,2,2-Tetrachloroethane   | 83  | 19.686    | 19.686         | 0.000         | 99 | 365889   | 10.3            | 9.51              |       |
| 86 1,2,3-Trichloropropane      | 75  | 19.788    | 19.788         | 0.000         | 97 | 308954   | 10.6            | 10.7              |       |
| 85 N-Propylbenzene             | 91  | 19.932    | 19.938         | -0.006        | 99 | 868816   | 10.4            | 10.4              |       |
| 89 2-Chlorotoluene             | 91  | 20.077    | 20.077         | 0.000         | 98 | 583619   | 10.4            | 10.4              |       |
| 88 4-Ethyltoluene              | 105 | 20.152    | 20.152         | 0.000         | 98 | 751705   | 10.2            | 10.8              |       |

| Compound                   | Sig | RT (min.) | Adj RT (min.) | Dlt RT (min.) | Q  | Response | Cal Amt ppb v/v | OnCol Amt ppb v/v | Flags |
|----------------------------|-----|-----------|---------------|---------------|----|----------|-----------------|-------------------|-------|
| 90 1,3,5-Trimethylbenzene  | 105 | 20.259    | 20.259        | 0.000         | 92 | 667574   | 10.5            | 10.7              |       |
| 87 n-Decane                | 57  | 20.333    | 20.334        | -0.001        | 92 | 342656   | 10.3            | 10.9              |       |
| 91 Alpha Methyl Styrene    | 118 | 20.606    | 20.601        | 0.005         | 89 | 336802   | 10.2            | 11.2              |       |
| 92 tert-Butylbenzene       | 119 | 20.772    | 20.772        | 0.000         | 89 | 619030   | 10.4            | 10.8              |       |
| 93 1,2,4-Trimethylbenzene  | 105 | 20.863    | 20.863        | 0.000         | 98 | 666766   | 10.4            | 10.8              |       |
| 94 sec-Butylbenzene        | 105 | 21.120    | 21.115        | 0.005         | 98 | 938891   | 10.5            | 11.0              |       |
| 96 1,3-Dichlorobenzene     | 146 | 21.280    | 21.280        | 0.000         | 97 | 500044   | 10.2            | 11.0              |       |
| 95 4-Isopropyltoluene      | 119 | 21.350    | 21.350        | 0.000         | 96 | 800294   | 10.5            | 10.6              |       |
| 97 1,4-Dichlorobenzene     | 146 | 21.430    | 21.425        | 0.005         | 96 | 500911   | 10.4            | 10.9              |       |
| 98 Benzyl chloride         | 91  | 21.580    | 21.575        | 0.005         | 98 | 515943   | 10.2            | 11.2              |       |
| 100 n-Butylbenzene         | 91  | 21.922    | 21.922        | 0.000         | 97 | 726977   | 10.5            | 11.2              |       |
| 101 1,2-Dichlorobenzene    | 146 | 21.922    | 21.922        | 0.000         | 98 | 490919   | 10.8            | 10.9              |       |
| 99 Undecane                | 57  | 22.104    | 22.104        | 0.000         | 94 | 339301   | 10.7            | 10.7              |       |
| 102 Dodecane               | 57  | 23.672    | 23.677        | -0.005        | 96 | 201410   | 10.6            | 7.70              |       |
| 103 1,2,4-Trichlorobenzene | 180 | 24.340    | 24.335        | 0.005         | 94 | 418542   | 11.0            | 12.3              |       |
| 104 Hexachlorobutadiene    | 225 | 24.603    | 24.597        | 0.005         | 97 | 475106   | 10.8            | 11.1              |       |
| 105 Naphthalene            | 128 | 24.790    | 24.785        | 0.006         | 99 | 684904   | 10.5            | 10.4              |       |
| 106 1,2,3-Trichlorobenzene | 180 | 25.191    | 25.191        | 0.000         | 95 | 303507   | 10.9            | 9.32              |       |

**QC Flag Legend**

Processing Flags

Review Flags

M - Manually Integrated

**Reagents:**

ATTO15LCSW\_00815

Amount Added: 200.00

Units: mL

ATTO15GIS\_00017

Amount Added: 20.00

Units: mL

Run Reagent

Report Date: 10-Dec-2020 11:29:55

Chrom Revision: 2.3 12-Nov-2020 21:52:08

Eurofins TestAmerica, Burlington

Data File: \\chromfs\Burlington\ChromData\CHG.i\20201209-43976.b\200-43976-010.D

Injection Date: 09-Dec-2020 18:23:30

Instrument ID: CHG.i

Operator ID: ggg

Lims ID: icv

Worklist Smp#: 10

Client ID:

Purge Vol: 200.000 mL

Dil. Factor: 1.0000

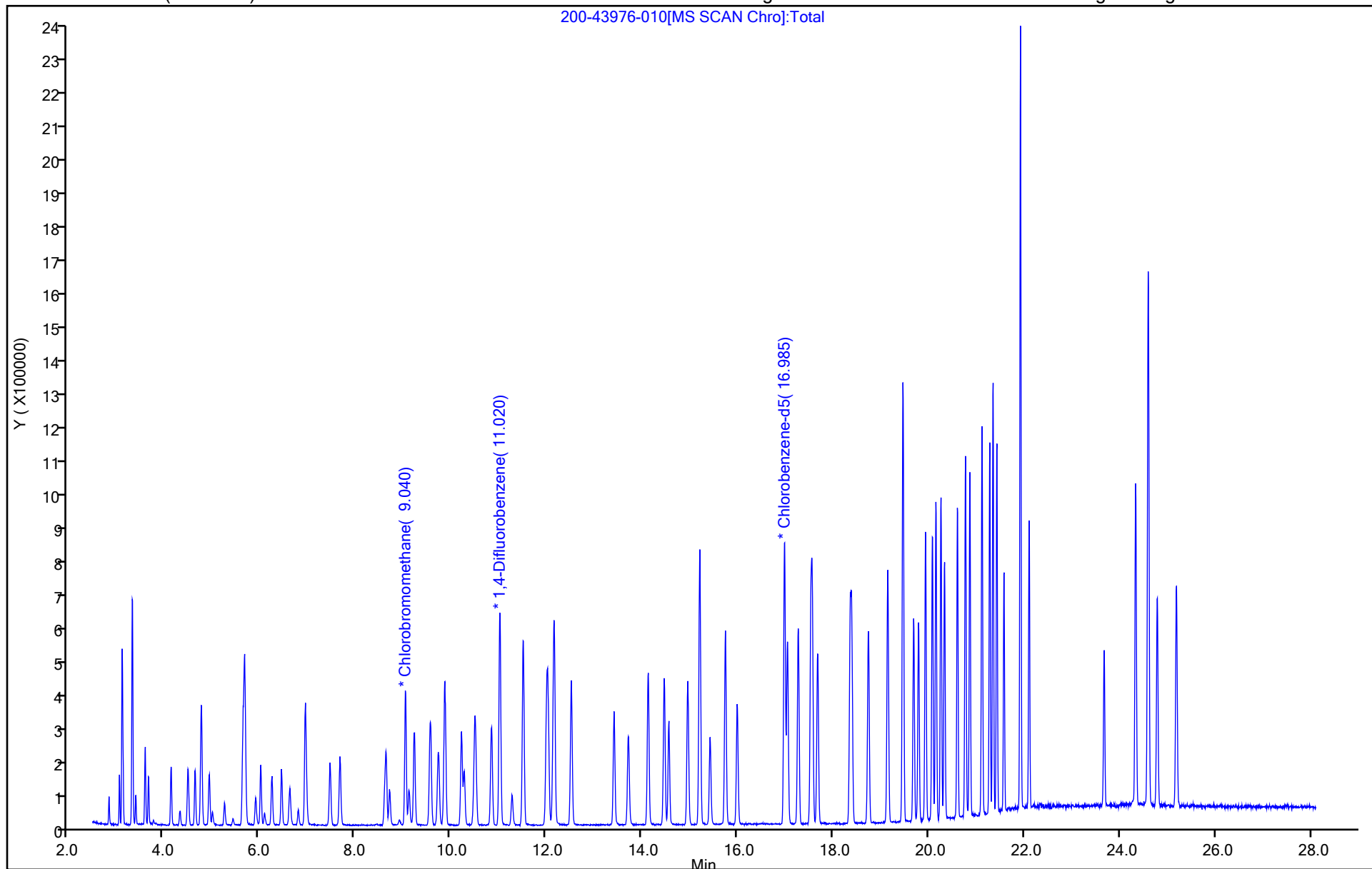
ALS Bottle#: 9

Method: TO15\_MasterMethod\_(v1)\_G

Limit Group: AI\_TO15\_ICAL

Column: RTX-624 ( 0.32 mm)

Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



## Eurofins TestAmerica, Burlington

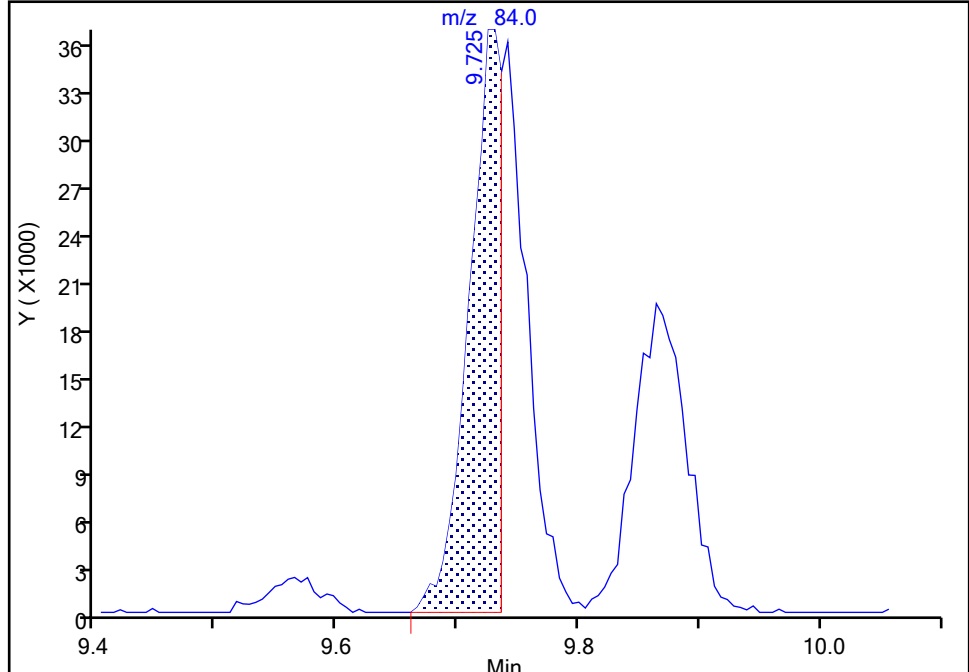
Data File: \\chromfs\Burlington\ChromData\CHG.i\20201209-43976.b\200-43976-010.D  
Injection Date: 09-Dec-2020 18:23:30 Instrument ID: CHG.i  
Lims ID: icv  
Client ID:  
Operator ID: ggg ALS Bottle#: 9 Worklist Smp#: 10  
Purge Vol: 200.000 mL Dil. Factor: 1.0000  
Method: TO15\_MasterMethod\_(v1)\_G Limit Group: AI\_TO15\_ICAL  
Column: RTX-624 ( 0.32 mm) Detector: MS SCAN

**43 Cyclohexane, CAS: 110-82-7**

Signal: 1

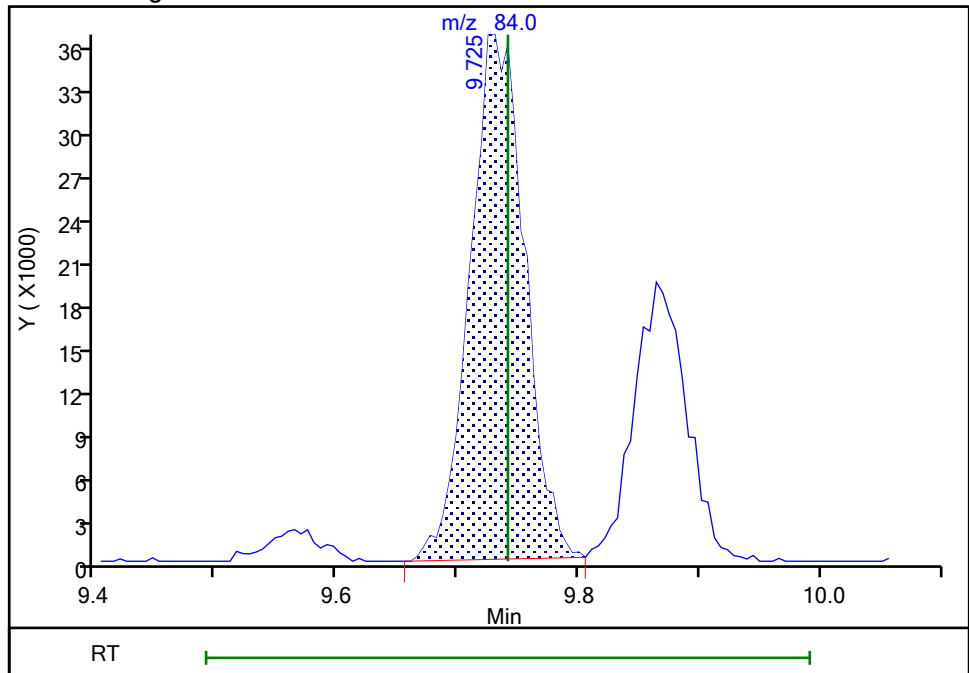
RT: 9.72  
Area: 68742  
Amount: 4.788001  
Amount Units: ppb v/v

## Processing Integration Results



RT: 9.72  
Area: 113715  
Amount: 7.920449  
Amount Units: ppb v/v

## Manual Integration Results



Reviewer: phamvu, 09-Dec-2020 18:55:30

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration



## Eurofins TestAmerica, Burlington

Data File: \\chromfs\Burlington\ChromData\CHG.i\20201209-43976.b\200-43976-010.D

Injection Date: 09-Dec-2020 18:23:30

Instrument ID: CHG.i

Lims ID: icv

Client ID:

Operator ID: ggg

ALS Bottle#:

9

Worklist Smp#: 10

Purge Vol: 200.000 mL

Dil. Factor: 1.0000

Method: TO15\_MasterMethod\_(v1)\_G

Limit Group: AI\_TO15\_ICAL

Column: RTX-624 ( 0.32 mm)

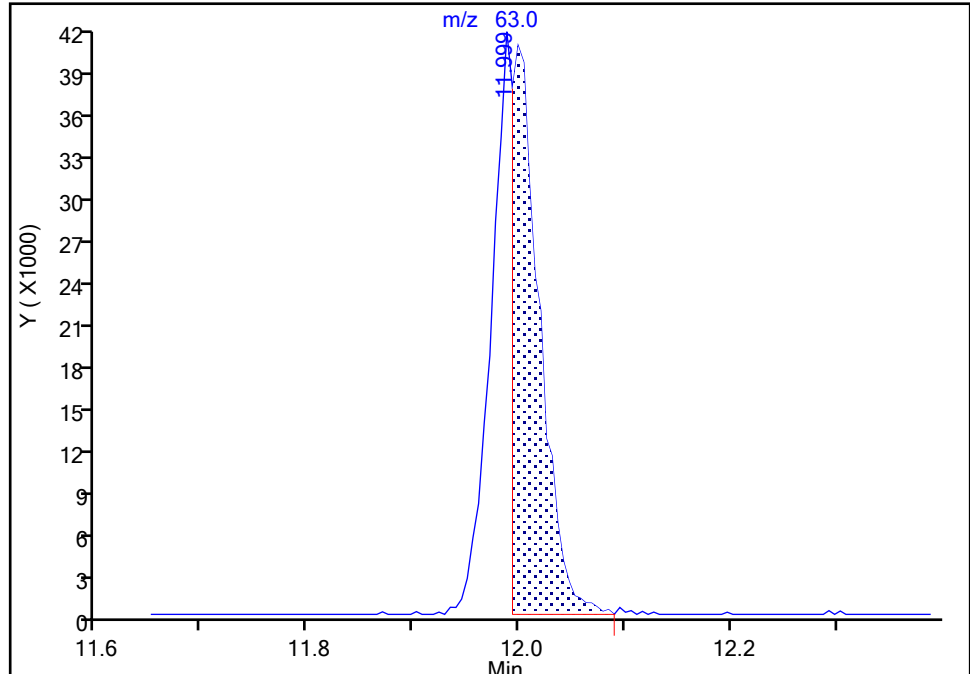
Detector: MS SCAN

## 54 1,2-Dichloropropane, CAS: 78-87-5

Signal: 1

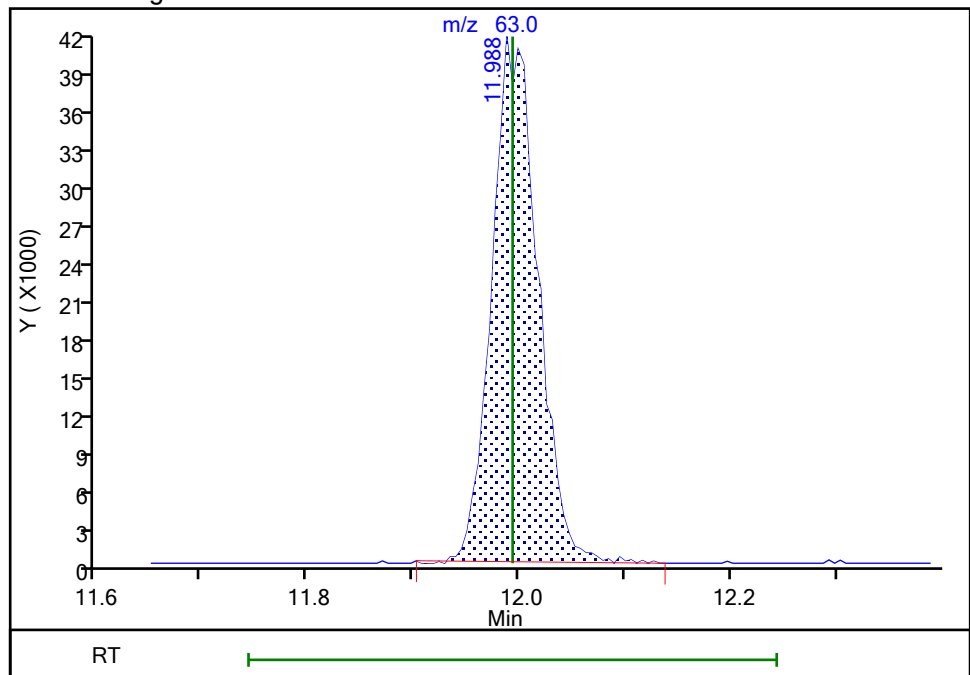
RT: 12.00  
Area: 75621  
Amount: 5.071205  
Amount Units: ppb v/v

## Processing Integration Results



RT: 11.99  
Area: 124076  
Amount: 8.320636  
Amount Units: ppb v/v

## Manual Integration Results



Reviewer: phamvu, 09-Dec-2020 18:55:46

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

FORM VII  
AIR - GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-56451-1  
 SDG No.: 200-56451-1  
 Lab Sample ID: CCVIS 200-162293/3 Calibration Date: 12/21/2020 09:08  
 Instrument ID: CHG.i Calib Start Date: 12/09/2020 11:26  
 GC Column: RTX-624 ID: 0.32 (mm) Calib End Date: 12/09/2020 17:31  
 Lab File ID: 200-44158-003.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        | 0.4385  | 0.5192 |         | 12.2        | 10.3         | 18.4  | 30.0   |
| Dichlorodifluoromethane          | Ave        | 2.933   | 3.144  |         | 11.2        | 10.4         | 7.2   | 30.0   |
| Chlorodifluoromethane            | Ave        | 1.254   | 1.390  |         | 11.6        | 10.5         | 10.9  | 30.0   |
| 1,2-Dichlorotetrafluoroethane    | Ave        | 2.542   | 2.516  |         | 10.3        | 10.4         | -1.0  | 30.0   |
| Chloromethane                    | Ave        | 0.4958  | 0.5272 |         | 11.6        | 10.9         | 6.3   | 30.0   |
| Vinyl chloride                   | Ave        | 0.6199  | 0.6625 |         | 11.1        | 10.4         | 6.9   | 30.0   |
| n-Butane                         | Ave        | 0.7832  | 0.9570 |         | 12.7        | 10.4         | 22.2  | 30.0   |
| 1,3-Butadiene                    | Ave        | 0.4283  | 0.5013 |         | 11.8        | 10.1         | 17.0  | 30.0   |
| Bromomethane                     | Ave        | 0.8627  | 0.7818 |         | 9.34        | 10.3         | -9.4  | 30.0   |
| Chloroethane                     | Ave        | 0.2589  | 0.2626 |         | 10.5        | 10.4         | 1.4   | 30.0   |
| Isopentane                       | Ave        | 0.6189  | 0.6814 |         | 11.5        | 10.4         | 10.1  | 30.0   |
| Bromoethene (Vinyl Bromide)      | Ave        | 0.8717  | 0.8052 |         | 9.62        | 10.4         | -7.6  | 30.0   |
| Trichlorofluoromethane           | Ave        | 2.752   | 3.054  |         | 11.7        | 10.6         | 11.0  | 30.0   |
| n-Pentane                        | Ave        | 0.9129  | 1.033  |         | 11.5        | 10.1         | 13.1  | 30.0   |
| Ethanol                          | Ave        | 0.2499  | 0.3138 |         | 18.8        | 15.0         | 25.6  | 30.0   |
| Ethyl ether                      | Ave        | 0.3230  | 0.3752 |         | 11.7        | 10.1         | 16.2  | 30.0   |
| Acrolein                         | Ave        | 0.1265  | 0.1639 |         | 12.6        | 9.72         | 29.5  | 30.0   |
| 1,1-Dichloroethene               | Ave        | 0.8271  | 0.7369 |         | 9.16        | 10.3         | -10.9 | 30.0   |
| Acetone                          | Ave        | 0.7344  | 1.094  |         | 15.2        | 10.2         | 48.9* | 30.0   |
| 1,1,2-Trichlorotrifluoroethane   | Ave        | 1.919   | 1.945  |         | 10.6        | 10.5         | 1.4   | 30.0   |
| Isopropyl alcohol                | Ave        | 0.9146  | 1.126  |         | 12.6        | 10.2         | 23.1  | 30.0   |
| Carbon disulfide                 | Ave        | 2.197   | 2.067  |         | 9.55        | 10.2         | -6.0  | 30.0   |
| Acetonitrile                     | Ave        | 0.3002  | 0.4222 |         | 13.9        | 9.90         | 40.7* | 30.0   |
| 3-Chloropropene                  | Ave        | 0.7394  | 0.9448 |         | 13.6        | 10.6         | 27.8  | 30.0   |
| Methylene Chloride               | Ave        | 0.8595  | 0.996  |         | 11.9        | 10.3         | 15.8  | 30.0   |
| tert-Butyl alcohol               | Ave        | 1.184   | 1.335  |         | 12.2        | 10.8         | 12.8  | 30.0   |
| Acrylonitrile                    | Ave        | 0.2938  | 0.3992 |         | 13.7        | 10.1         | 35.9* | 30.0   |
| trans-1,2-Dichloroethene         | Ave        | 1.188   | 1.164  |         | 9.98        | 10.2         | -2.1  | 30.0   |
| Methyl tert-butyl ether          | Ave        | 1.733   | 1.999  |         | 12.1        | 10.4         | 15.4  | 30.0   |
| n-Hexane                         | Ave        | 0.8435  | 0.8411 |         | 10.6        | 10.6         | -0.3  | 30.0   |
| 1,1-Dichloroethane               | Ave        | 1.341   | 1.328  |         | 9.90        | 10.0         | -1.0  | 30.0   |
| Vinyl acetate                    | Ave        | 1.265   | 1.475  |         | 12.1        | 10.4         | 16.6  | 30.0   |
| Methyl Ethyl Ketone (2-Butanone) | Ave        | 0.2825  | 0.2802 |         | 10.3        | 10.3         | -0.8  | 30.0   |
| cis-1,2-Dichloroethene           | Ave        | 0.8816  | 0.8364 |         | 9.58        | 10.1         | -5.1  | 30.0   |
| Ethyl acetate                    | Ave        | 0.0384  | 0.0408 |         | 10.8        | 10.1         | 6.2   | 30.0   |
| Tetrahydrofuran                  | Ave        | 0.1018  | 0.1324 |         | 13.0        | 9.99         | 30.0  | 30.0   |
| Chloroform                       | Ave        | 2.108   | 2.247  |         | 10.8        | 10.1         | 6.6   | 30.0   |
| 1,1,1-Trichloroethane            | Ave        | 0.4337  | 0.4803 |         | 11.3        | 10.2         | 10.7  | 30.0   |
| Cyclohexane                      | Ave        | 0.1901  | 0.1641 |         | 8.76        | 10.1         | -13.7 | 30.0   |

FORM VII  
AIR - GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-56451-1  
 SDG No.: 200-56451-1  
 Lab Sample ID: CCVIS 200-162293/3 Calibration Date: 12/21/2020 09:08  
 Instrument ID: CHG.i Calib Start Date: 12/09/2020 11:26  
 GC Column: RTX-624 ID: 0.32 (mm) Calib End Date: 12/09/2020 17:31  
 Lab File ID: 200-44158-003.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        | 0.4993  | 0.5762 |         | 11.7        | 10.2         | 15.4  | 30.0   |
| Benzene                                       | Ave        | 0.4792  | 0.4320 |         | 9.31        | 10.3         | -9.9  | 30.0   |
| 1,2-Dichloroethane                            | Ave        | 0.2393  | 0.2669 |         | 11.6        | 10.4         | 11.6  | 30.0   |
| 2,2,4-Trimethylpentane                        | Ave        | 0.7062  | 0.6335 |         | 9.39        | 10.5         | -10.3 | 30.0   |
| n-Heptane                                     | Ave        | 0.2861  | 0.2634 |         | 9.67        | 10.5         | -7.9  | 30.0   |
| n-Butanol                                     | Ave        | 0.0981  | 0.0895 |         | 8.72        | 9.55         | -8.7  | 30.0   |
| Trichloroethene                               | Ave        | 0.3370  | 0.3179 |         | 9.93        | 10.5         | -5.7  | 30.0   |
| 1,2-Dichloropropane                           | Ave        | 0.1975  | 0.1703 |         | 8.89        | 10.3         | -13.8 | 30.0   |
| Methyl methacrylate                           | Ave        | 0.1522  | 0.1487 |         | 9.93        | 10.2         | -2.3  | 30.0   |
| 1,4-Dioxane                                   | Ave        | 0.1014  | 0.0922 |         | 9.62        | 10.6         | -9.1  | 30.0   |
| Dibromomethane                                | Ave        | 0.3366  | 0.3279 |         | 10.0        | 10.3         | -2.6  | 30.0   |
| Bromodichloromethane                          | Ave        | 0.5046  | 0.4902 |         | 10.3        | 10.6         | -2.8  | 30.0   |
| cis-1,3-Dichloropropene                       | Ave        | 0.3539  | 0.3301 |         | 9.69        | 10.4         | -6.7  | 30.0   |
| 4-Methyl-2-pentanone (Methyl isobutyl ketone) | Ave        | 0.3917  | 0.4037 |         | 10.6        | 10.2         | 3.1   | 30.0   |
| Toluene                                       | Ave        | 0.4394  | 0.4119 |         | 9.52        | 10.2         | -6.3  | 30.0   |
| n-Octane                                      | Ave        | 0.4341  | 0.3942 |         | 9.38        | 10.3         | -9.2  | 30.0   |
| trans-1,3-Dichloropropene                     | Ave        | 0.3234  | 0.3181 |         | 9.72        | 9.88         | -1.6  | 30.0   |
| 1,1,2-Trichloroethane                         | Ave        | 0.2410  | 0.2214 |         | 9.62        | 10.5         | -8.2  | 30.0   |
| Tetrachloroethene                             | Ave        | 0.4809  | 0.5080 |         | 11.1        | 10.5         | 5.6   | 30.0   |
| Methyl Butyl Ketone (2-Hexanone)              | Ave        | 0.3747  | 0.4003 |         | 10.7        | 9.99         | 6.8   | 30.0   |
| Dibromochloromethane                          | Ave        | 0.6311  | 0.6880 |         | 10.6        | 9.68         | 9.0   | 30.0   |
| 1,2-Dibromoethane                             | Ave        | 0.4404  | 0.4473 |         | 10.8        | 10.6         | 1.6   | 30.0   |
| Chlorobenzene                                 | Ave        | 0.6309  | 0.6182 |         | 10.3        | 10.5         | -2.0  | 30.0   |
| Ethylbenzene                                  | Ave        | 0.9929  | 0.9558 |         | 9.84        | 10.2         | -3.7  | 30.0   |
| m,p-Xylene                                    | Ave        | 0.3590  | 0.3776 |         | 21.6        | 20.6         | 5.2   | 30.0   |
| n-Nonane                                      | Ave        | 0.4007  | 0.3831 |         | 10.0        | 10.5         | -4.4  | 30.0   |
| o-Xylene                                      | Ave        | 0.3694  | 0.3631 |         | 10.2        | 10.4         | -1.7  | 30.0   |
| Styrene                                       | Ave        | 0.5482  | 0.5639 |         | 10.6        | 10.3         | 2.9   | 30.0   |
| Bromoform                                     | Ave        | 0.5602  | 0.5956 |         | 10.9        | 10.3         | 6.3   | 30.0   |
| Cumene                                        | Ave        | 1.012   | 1.113  |         | 11.5        | 10.4         | 10.0  | 30.0   |
| 1,1,2,2-Tetrachloroethane                     | Ave        | 0.5598  | 0.4933 |         | 9.11        | 10.3         | -11.9 | 30.0   |
| 1,2,3-Trichloropropane                        | Ave        | 0.4206  | 0.4350 |         | 11.0        | 10.6         | 3.4   | 30.0   |
| n-Propylbenzene                               | Ave        | 1.211   | 1.284  |         | 11.0        | 10.4         | 6.0   | 30.0   |
| 2-Chlorotoluene                               | Ave        | 0.8163  | 0.8456 |         | 10.8        | 10.4         | 3.6   | 30.0   |
| 4-Ethyltoluene                                | Ave        | 1.010   | 1.105  |         | 11.3        | 10.3         | 9.5   | 30.0   |
| 1,3,5-Trimethylbenzene                        | Ave        | 0.9068  | 0.9916 |         | 11.4        | 10.4         | 9.3   | 30.0   |
| n-Decane                                      | Ave        | 0.4584  | 0.4903 |         | 11.1        | 10.4         | 7.0   | 30.0   |
| Alpha Methyl Styrene                          | Ave        | 0.4360  | 0.4979 |         | 11.6        | 10.2         | 14.2  | 30.0   |
| tert-Butylbenzene                             | Ave        | 0.8307  | 0.9366 |         | 11.7        | 10.4         | 12.8  | 30.0   |
| 1,2,4-Trimethylbenzene                        | Ave        | 0.8983  | 0.9931 |         | 11.5        | 10.4         | 10.6  | 30.0   |

FORM VII  
AIR - GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-56451-1  
 SDG No.: 200-56451-1  
 Lab Sample ID: CCVIS 200-162293/3 Calibration Date: 12/21/2020 09:08  
 Instrument ID: CHG.i Calib Start Date: 12/09/2020 11:26  
 GC Column: RTX-624 ID: 0.32 (mm) Calib End Date: 12/09/2020 17:31  
 Lab File ID: 200-44158-003.D Conc. Units: ppb v/v Heated Purge: (Y/N) N

| ANALYTE                | CURVE<br>TYPE | AVE RRF | RRF    | MIN RRF | CALC<br>AMOUNT | SPIKE<br>AMOUNT | %D   | MAX<br>%D |
|------------------------|---------------|---------|--------|---------|----------------|-----------------|------|-----------|
| sec-Butylbenzene       | Ave           | 1.244   | 1.370  |         | 11.5           | 10.5            | 10.1 | 30.0      |
| 1,3-Dichlorobenzene    | Ave           | 0.6605  | 0.7045 |         | 11.3           | 10.6            | 6.7  | 30.0      |
| 4-Isopropyltoluene     | Ave           | 1.097   | 1.225  |         | 11.5           | 10.3            | 11.6 | 30.0      |
| 1,4-Dichlorobenzene    | Ave           | 0.6707  | 0.7032 |         | 11.0           | 10.5            | 4.8  | 30.0      |
| Benzyl chloride        | Ave           | 0.6692  | 0.7017 |         | 11.1           | 10.6            | 4.9  | 30.0      |
| n-Butylbenzene         | Ave           | 0.9456  | 1.026  |         | 11.3           | 10.4            | 8.5  | 30.0      |
| 1,2-Dichlorobenzene    | Ave           | 0.6535  | 0.6815 |         | 10.9           | 10.4            | 4.3  | 30.0      |
| n-Undecane             | Ave           | 0.4617  | 0.4797 |         | 10.9           | 10.5            | 3.9  | 30.0      |
| n-Dodecane             | Ave           | 0.3802  | 0.3447 |         | 8.48           | 9.36            | -9.3 | 30.0      |
| 1,2,4-Trichlorobenzene | Ave           | 0.4934  | 0.5047 |         | 11.1           | 10.9            | 2.3  | 30.0      |
| Hexachlorobutadiene    | Ave           | 0.6246  | 0.6930 |         | 11.4           | 10.3            | 10.9 | 30.0      |
| Naphthalene            | Ave           | 0.9591  | 0.9072 |         | 9.19           | 9.72            | -5.4 | 30.0      |
| 1,2,3-Trichlorobenzene | Ave           | 0.4738  | 0.4783 |         | 9.21           | 9.12            | 1.0  | 30.0      |

Eurofins TestAmerica, Burlington  
Target Compound Quantitation Report

Data File: \\chromfs\Burlington\ChromData\CHG.i\20201221-44158.b\200-44158-003.D  
 Lims ID: ccvis  
 Client ID:  
 Sample Type: CCVIS  
 Inject. Date: 21-Dec-2020 09:08:30 ALS Bottle#: 2 Worklist Smp#: 3  
 Purge Vol: 200.000 mL Dil. Factor: 1.0000  
 Sample Info: 200-0044158-003  
 Operator ID: ggg Instrument ID: CHG.i  
 Sublist: chrom-TO15\_MasterMethod\_(v1)\_G\*sub9  
 Method: \\chromfs\Burlington\ChromData\CHG.i\20201221-44158.b\TO15\_MasterMethod\_(v1)\_G.m  
 Limit Group: AI\_TO15\_ICAL  
 Last Update: 21-Dec-2020 10:57:57 Calib Date: 09-Dec-2020 17:31:30  
 Integrator: RTE ID Type: Deconvolution ID  
 Quant Method: Internal Standard Quant By: Initial Calibration  
 Last ICal File: \\chromfs\Burlington\ChromData\CHG.i\20201209-43976.b\200-43976-009.D  
 Column 1 : RTX-624 ( 0.32 mm) Det: MS SCAN  
 Process Host: CTX1681

First Level Reviewer: bourdeaut

Date: 21-Dec-2020 10:57:57

| 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  | 3.048     | 3.048         | 0.000         | 94 | 41213    | 10.3            | 12.2              |       |
| 2 Dichlorodifluoromethane          | 85  | 3.102     | 3.102         | 0.000         | 98 | 252450   | 10.4            | 11.2              |       |
| 3 Chlorodifluoromethane            | 51  | 3.123     | 3.123         | 0.000         | 95 | 112074   | 10.5            | 11.6              |       |
| 4 1,2-Dichloro-1,1,2,2-tetrafluoro | 85  | 3.316     | 3.316         | 0.000         | 90 | 201412   | 10.4            | 10.3              |       |
| 5 Chloromethane                    | 50  | 3.391     | 3.391         | 0.000         | 97 | 44278    | 10.9            | 11.6              |       |
| 7 Vinyl chloride                   | 62  | 3.583     | 3.583         | 0.000         | 83 | 52940    | 10.4            | 11.1              |       |
| 6 Butane                           | 43  | 3.589     | 3.589         | 0.000         | 92 | 76250    | 10.4            | 12.7              |       |
| 8 Butadiene                        | 54  | 3.653     | 3.653         | 0.000         | 88 | 39019    | 10.1            | 11.8              |       |
| 10 Bromomethane                    | 94  | 4.124     | 4.124         | 0.000         | 95 | 61993    | 10.3            | 9.34              |       |
| 11 Chloroethane                    | 64  | 4.311     | 4.311         | 0.000         | 91 | 20985    | 10.4            | 10.5              |       |
| 12 2-Methylbutane                  | 43  | 4.482     | 4.482         | 0.000         | 84 | 54714    | 10.4            | 11.5              |       |
| 13 Vinyl bromide                   | 106 | 4.627     | 4.627         | 0.000         | 89 | 64531    | 10.4            | 9.62              |       |
| 14 Trichlorofluoromethane          | 101 | 4.755     | 4.755         | 0.000         | 96 | 248010   | 10.6            | 11.7              |       |
| 16 Pentane                         | 43  | 4.921     | 4.921         | 0.000         | 91 | 80445    | 10.1            | 11.5              |       |
| 17 Ethanol                         | 45  | 4.985     | 4.985         | 0.000         | 96 | 36222    | 15.0            | 18.8              |       |
| 18 Ethyl ether                     | 59  | 5.242     | 5.242         | 0.000         | 87 | 29088    | 10.1            | 11.7              |       |
| 19 Acrolein                        | 56  | 5.424     | 5.424         | 0.000         | 98 | 12254    | 9.72            | 12.6              |       |
| 21 1,1-Dichloroethene              | 96  | 5.622     | 5.622         | 0.000         | 93 | 58265    | 10.3            | 9.16              |       |
| 9 BFB                              |     |           |               |               |    |          |                 |                   |       |
| 22 Acetone                         | 43  | 5.654     | 5.654         | 0.000         | 99 | 86132    | 10.2            | 15.2              | M     |
| 20 112TCTFE                        | 101 | 5.664     | 5.664         | 0.000         | 93 | 156938   | 10.5            | 10.6              |       |
| 24 Isopropyl alcohol               | 45  | 5.889     | 5.889         | 0.000         | 97 | 88502    | 10.2            | 12.6              |       |
| 23 Carbon disulfide                | 76  | 6.001     | 6.001         | 0.000         | 95 | 161481   | 10.2            | 9.55              |       |
| 26 Acetonitrile                    | 41  | 6.076     | 6.076         | 0.000         | 94 | 32150    | 9.90            | 13.9              | M     |
| 25 3-Chloro-1-propene              | 41  | 6.237     | 6.237         | 0.000         | 88 | 77391    | 10.6            | 13.6              |       |
| 27 Methylene Chloride              | 49  | 6.435     | 6.435         | 0.000         | 94 | 78726    | 10.3            | 11.9              |       |
| 28 2-Methyl-2-propanol             | 59  | 6.606     | 6.606         | 0.000         | 96 | 110710   | 10.8            | 12.2              |       |
| 32 Acrylonitrile                   | 53  | 6.783     | 6.783         | 0.000         | 96 | 31040    | 10.1            | 13.7              |       |
| 31 trans-1,2-Dichloroethene        | 61  | 6.927     | 6.927         | 0.000         | 93 | 91281    | 10.2            | 9.98              |       |
| 29 Methyl tert-butyl ether         | 73  | 6.943     | 6.943         | 0.000         | 93 | 160699   | 10.4            | 12.1              |       |
| 33 Hexane                          | 57  | 7.451     | 7.451         | 0.000         | 79 | 68507    | 10.6            | 10.6              |       |

| Compound                       | Sig | RT (min.) | Adj RT (min.)  | Dlt RT (min.) | Q  | Response | Cal Amt ppb v/v | OnCol Amt ppb v/v | Flags |
|--------------------------------|-----|-----------|----------------|---------------|----|----------|-----------------|-------------------|-------|
| 34 1,1-Dichloroethane          | 63  | 7.655     | 7.655          | 0.000         | 97 | 102168   | 10.0            | 9.90              |       |
| 35 Vinyl acetate               | 43  | 7.665     | 7.665          | 0.000         | 99 | 117883   | 10.4            | 12.1              |       |
| 38 2-Butanone (MEK)            | 72  | 8.585     | 8.585          | 0.000         | 98 | 22279    | 10.3            | 10.3              |       |
| 37 cis-1,2-Dichloroethene      | 96  | 8.623     | 8.623          | 0.000         | 95 | 64973    | 10.1            | 9.58              |       |
| 39 Ethyl acetate               | 88  | 8.708     | 8.708          | 0.000         | 97 | 3176     | 10.1            | 10.8              |       |
| * 40 Chlorobromomethane        | 128 | 9.029     | 9.029          | 0.000         | 79 | 76925    | 10.0            | 10.0              | s     |
| 41 Tetrahydrofuran             | 42  | 9.104     | 9.104          | 0.000         | 85 | 59391    | 9.99            | 13.0              | M     |
| 42 Chloroform                  | 83  | 9.211     | 9.211          | 0.000         | 94 | 174509   | 10.1            | 10.8              |       |
| 44 1,1,1-Trichloroethane       | 97  | 9.554     | 9.554          | 0.000         | 94 | 219694   | 10.2            | 11.3              |       |
| S 30 1,2-Dichloroethene, Total | 61  |           |                |               | 0  |          | 20.3            | 19.6              |       |
| 43 Cyclohexane                 | 84  | 9.725     | 9.725          | 0.000         | 88 | 74784    | 10.1            | 8.76              |       |
| 45 Carbon tetrachloride        | 117 | 9.853     | 9.853          | 0.000         | 95 | 262781   | 10.2            | 11.7              |       |
| 47 Benzene                     | 78  | 10.201    | 10.201         | 0.000         | 96 | 200331   | 10.3            | 9.31              |       |
| 48 1,2-Dichloroethane          | 62  | 10.255    | 10.255         | 0.000         | 96 | 124142   | 10.4            | 11.6              |       |
| 46 Isooctane                   | 57  | 10.490    | 10.490         | 0.000         | 91 | 297739   | 10.5            | 9.39              |       |
| 49 n-Heptane                   | 43  | 10.827    | 10.827         | 0.000         | 89 | 124298   | 10.5            | 9.67              |       |
| * 50 1,4-Difluorobenzene       | 114 | 11.003    | 11.003         | 0.000         | 95 | 449002   | 10.0            | 10.0              | s     |
| 52 n-Butanol                   | 56  | 11.255    | 11.255         | 0.000         | 91 | 38391    | 9.55            | 8.72              |       |
| 53 Trichloroethene             | 95  | 11.496    | 11.496         | 0.000         | 95 | 150292   | 10.5            | 9.93              |       |
| 54 1,2-Dichloropropane         | 63  | 11.982    | 11.982         | 0.000         | 68 | 78833    | 10.3            | 8.89              |       |
| 55 Methyl methacrylate         | 69  | 12.116    | 12.116         | 0.000         | 86 | 67834    | 10.2            | 9.93              |       |
| 56 1,4-Dioxane                 | 88  | 12.143    | 12.143         | 0.000         | 45 | 43778    | 10.6            | 9.62              |       |
| 57 Dibromomethane              | 174 | 12.143    | 12.143         | 0.000         | 93 | 151601   | 10.3            | 10.0              |       |
| A 51 GRO                       | 1   | 12.402    | (4.472-20.333) |               | 0  | 44676312 | 649.9           | 0                 |       |
| 58 Dichlorobromomethane        | 83  | 12.501    | 12.501         | 0.000         | 96 | 232614   | 10.6            | 10.3              |       |
| 60 cis-1,3-Dichloropropene     | 75  | 13.395    | 13.395         | 0.000         | 93 | 153979   | 10.4            | 9.69              |       |
| 61 4-Methyl-2-pentanone (MIBK) | 43  | 13.694    | 13.694         | 0.000         | 96 | 185588   | 10.2            | 10.6              |       |
| A 59 TVOC as Toluene           | 92  | 14.112    | (3.038-25.185) |               | 0  | 68305130 | 899.8           | 0                 |       |
| 65 Toluene                     | 92  | 14.112    | 14.112         | 0.000         | 92 | 177606   | 10.2            | 9.52              |       |
| 64 n-Octane                    | 43  | 14.449    | 14.449         | 0.000         | 91 | 182817   | 10.3            | 9.38              |       |
| 66 trans-1,3-Dichloropropene   | 75  | 14.545    | 14.545         | 0.000         | 94 | 141085   | 9.88            | 9.72              |       |
| 67 1,1,2-Trichloroethane       | 83  | 14.941    | 14.941         | 0.000         | 96 | 98445    | 10.5            | 9.62              |       |
| 68 Tetrachloroethene           | 166 | 15.198    | 15.198         | 0.000         | 93 | 226359   | 10.5            | 11.1              |       |
| 69 2-Hexanone                  | 43  | 15.412    | 15.412         | 0.000         | 90 | 169694   | 9.99            | 10.7              |       |
| 71 Chlorodibromomethane        | 129 | 15.727    | 15.727         | 0.000         | 95 | 282603   | 9.68            | 10.6              |       |
| 72 Ethylene Dibromide          | 107 | 15.979    | 15.979         | 0.000         | 93 | 201393   | 10.6            | 10.8              |       |
| * 74 Chlorobenzene-d5          | 117 | 16.968    | 16.968         | 0.000         | 87 | 424445   | 10.0            | 10.0              | s     |
| 75 Chlorobenzene               | 112 | 17.033    | 17.033         | 0.000         | 94 | 275204   | 10.5            | 10.3              |       |
| 76 Ethylbenzene                | 91  | 17.257    | 17.257         | 0.000         | 99 | 414533   | 10.2            | 9.84              |       |
| 78 m-Xylene & p-Xylene         | 106 | 17.530    | 17.530         | 0.000         | 0  | 329409   | 20.6            | 21.6              |       |
| 77 n-Nonane                    | 57  | 17.664    | 17.664         | 0.000         | 88 | 170399   | 10.5            | 10.0              |       |
| 79 o-Xylene                    | 106 | 18.349    | 18.349         | 0.000         | 97 | 159617   | 10.4            | 10.2              |       |
| 80 Styrene                     | 104 | 18.375    | 18.375         | 0.000         | 98 | 246975   | 10.3            | 10.6              |       |
| 81 Bromoform                   | 173 | 18.723    | 18.723         | 0.000         | 93 | 260085   | 10.3            | 10.9              |       |
| 82 Isopropylbenzene            | 105 | 19.135    | 19.135         | 0.000         | 97 | 492529   | 10.4            | 11.5              |       |
| S 73 Xylenes, Total            | 106 |           |                |               | 0  |          | 30.9            | 31.8              |       |
| 84 1,1,2,2-Tetrachloroethane   | 83  | 19.675    | 19.675         | 0.000         | 96 | 216472   | 10.3            | 9.11              |       |
| 86 1,2,3-Trichloropropane      | 75  | 19.777    | 19.777         | 0.000         | 94 | 195500   | 10.6            | 11.0              |       |
| 85 N-Propylbenzene             | 91  | 19.927    | 19.927         | 0.000         | 98 | 566496   | 10.4            | 11.0              |       |
| 89 2-Chlorotoluene             | 91  | 20.071    | 20.071         | 0.000         | 98 | 374647   | 10.4            | 10.8              |       |
| 88 4-Ethyltoluene              | 105 | 20.141    | 20.141         | 0.000         | 98 | 484593   | 10.3            | 11.3              |       |
| 90 1,3,5-Trimethylbenzene      | 105 | 20.248    | 20.248         | 0.000         | 91 | 437213   | 10.4            | 11.4              |       |

| Compound                   | Sig | RT<br>(min.) | Adj RT<br>(min.) | Dlt RT<br>(min.) | Q  | Response | Cal Amt<br>ppb v/v | OnCol Amt<br>ppb v/v | Flags |
|----------------------------|-----|--------------|------------------|------------------|----|----------|--------------------|----------------------|-------|
| 87 n-Decane                | 57  | 20.323       | 20.323           | 0.000            | 93 | 216788   | 10.4               | 11.1                 |       |
| 91 Alpha Methyl Styrene    | 118 | 20.595       | 20.595           | 0.000            | 88 | 215503   | 10.2               | 11.6                 |       |
| 92 tert-Butylbenzene       | 119 | 20.761       | 20.761           | 0.000            | 88 | 411787   | 10.4               | 11.7                 |       |
| 93 1,2,4-Trimethylbenzene  | 105 | 20.852       | 20.852           | 0.000            | 99 | 438297   | 10.4               | 11.5                 |       |
| 94 sec-Butylbenzene        | 105 | 21.109       | 21.109           | 0.000            | 98 | 607978   | 10.5               | 11.5                 |       |
| 96 1,3-Dichlorobenzene     | 146 | 21.270       | 21.270           | 0.000            | 98 | 316324   | 10.6               | 11.3                 |       |
| 95 4-Isopropyltoluene      | 119 | 21.339       | 21.339           | 0.000            | 96 | 535803   | 10.3               | 11.5                 |       |
| 97 1,4-Dichlorobenzene     | 146 | 21.419       | 21.419           | 0.000            | 93 | 312436   | 10.5               | 11.0                 |       |
| 98 Benzyl chloride         | 91  | 21.569       | 21.569           | 0.000            | 97 | 315065   | 10.6               | 11.1                 |       |
| 100 n-Butylbenzene         | 91  | 21.912       | 21.912           | 0.000            | 97 | 452275   | 10.4               | 11.3                 |       |
| 101 1,2-Dichlorobenzene    | 146 | 21.917       | 21.917           | 0.000            | 96 | 301912   | 10.4               | 10.9                 |       |
| 99 Undecane                | 57  | 22.099       | 22.099           | 0.000            | 93 | 212929   | 10.5               | 10.9                 |       |
| 102 Dodecane               | 57  | 23.666       | 23.666           | 0.000            | 92 | 136929   | 9.36               | 8.48                 |       |
| 103 1,2,4-Trichlorobenzene | 180 | 24.324       | 24.324           | 0.000            | 94 | 232598   | 10.9               | 11.1                 |       |
| 104 Hexachlorobutadiene    | 225 | 24.586       | 24.586           | 0.000            | 97 | 301733   | 10.3               | 11.4                 |       |
| 105 Naphthalene            | 128 | 24.779       | 24.779           | 0.000            | 98 | 374202   | 9.72               | 9.19                 |       |
| 106 1,2,3-Trichlorobenzene | 180 | 25.175       | 25.175           | 0.000            | 96 | 185100   | 9.12               | 9.21                 |       |
| 123 Methylcyclohexane      | 83  |              | 0.000            |                  |    |          | ND                 | ND                   |       |

**QC Flag Legend**

## Processing Flags

ND - Not Detected or Marked ND

s - Failed ISTD Recovery Test

## Review Flags

M - Manually Integrated

**Reagents:**

ATTO15CAL4w\_00756

Amount Added: 200.00

Units: mL

ATTO15GIS\_00017

Amount Added: 20.00

Units: mL

Run Reagent

Report Date: 21-Dec-2020 10:57:58

Chrom Revision: 2.3 09-Dec-2020 16:22:14

Eurofins TestAmerica, Burlington

Data File: \\chromfs\Burlington\ChromData\CHG.i\20201221-44158.b\200-44158-003.D

Injection Date: 21-Dec-2020 09:08:30

Instrument ID: CHG.i

Operator ID: ggg

Lims ID: ccvis

Worklist Smp#: 3

Client ID:

Purge Vol: 200.000 mL

Dil. Factor: 1.0000

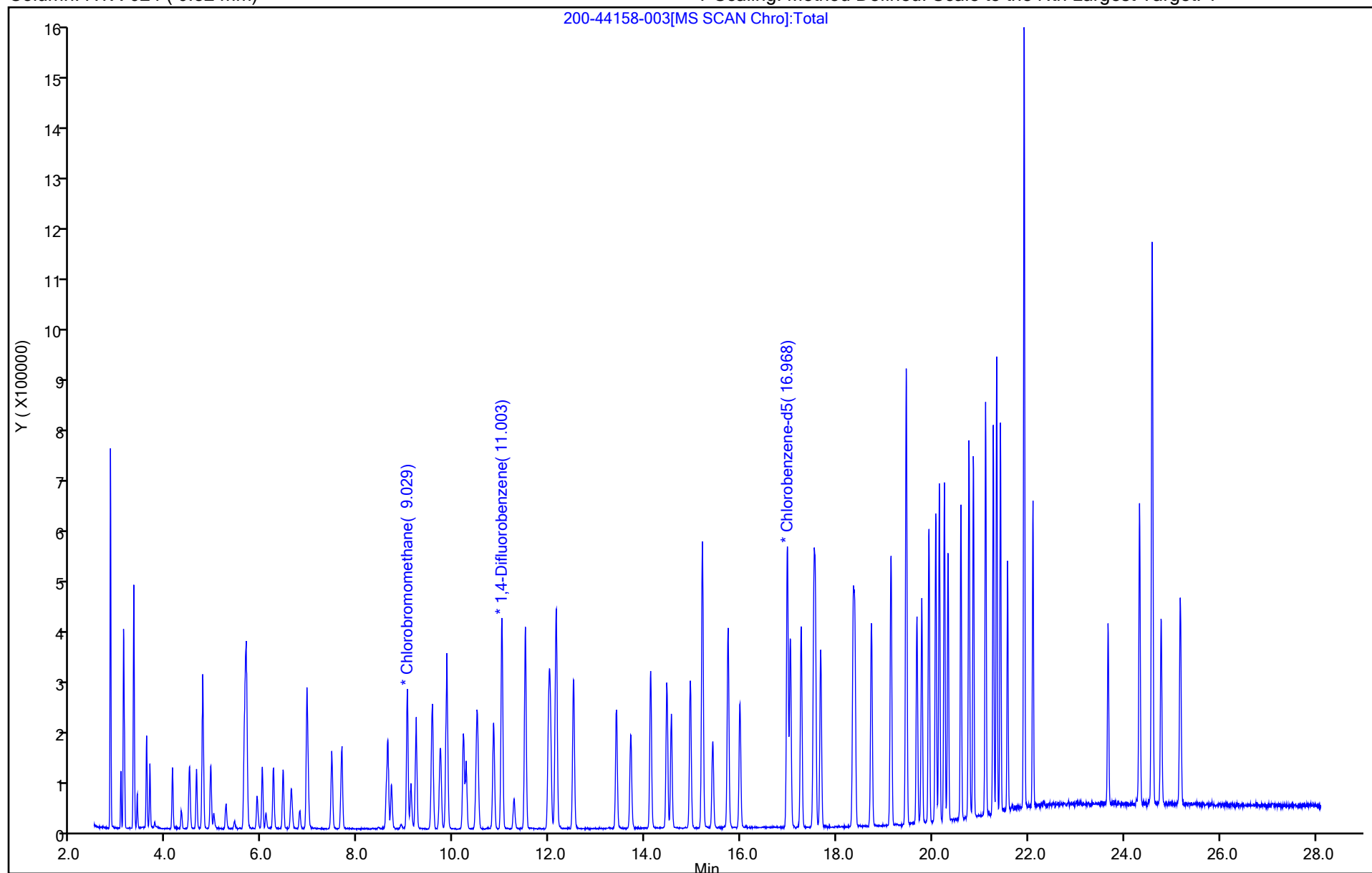
ALS Bottle#: 2

Method: TO15\_MasterMethod\_(v1)\_G

Limit Group: AI\_TO15\_ICAL

Column: RTX-624 ( 0.32 mm)

Y Scaling: Method Defined: Scale to the Nth Largest Target: 1





## Eurofins TestAmerica, Burlington

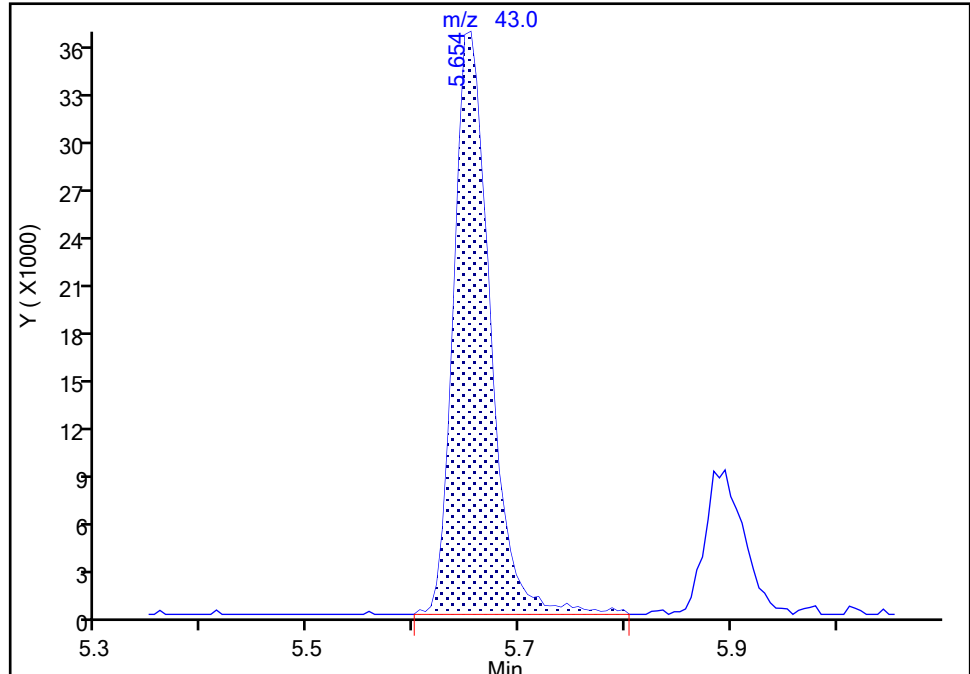
Data File: \\chromfs\Burlington\ChromData\CHG.i\20201221-44158.b\200-44158-003.D  
Injection Date: 21-Dec-2020 09:08:30 Instrument ID: CHG.i  
Lims ID: ccvis  
Client ID:  
Operator ID: ggg ALS Bottle#: 2 Worklist Smp#: 3  
Purge Vol: 200.000 mL Dil. Factor: 1.0000  
Method: TO15\_MasterMethod\_(v1)\_G Limit Group: AI\_TO15\_ICAL  
Column: RTX-624 ( 0.32 mm) Detector: MS SCAN

**22 Acetone, CAS: 67-64-1**

Signal: 1

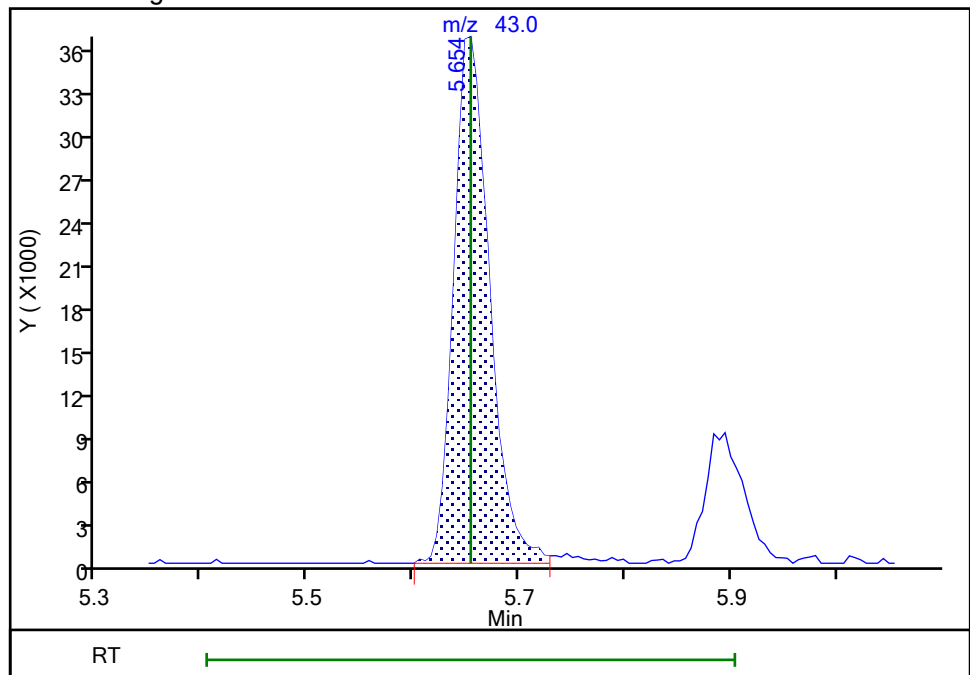
RT: 5.65  
Area: 87610  
Amount: 15.507622  
Amount Units: ppb v/v

## Processing Integration Results



RT: 5.65  
Area: 86132  
Amount: 15.246005  
Amount Units: ppb v/v

## Manual Integration Results



Reviewer: bourdeaut, 21-Dec-2020 10:56:54

Audit Action: Split an Integrated Peak

Audit Reason: Peak Tail

## Eurofins TestAmerica, Burlington

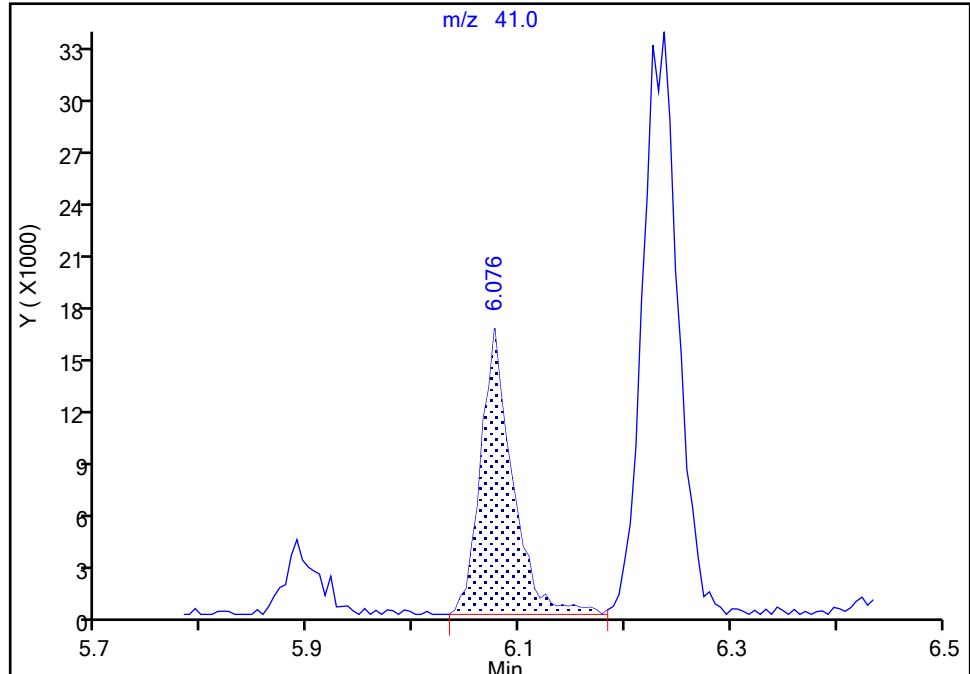
Data File: \\chromfs\Burlington\ChromData\CHG.i\20201221-44158.b\200-44158-003.D  
Injection Date: 21-Dec-2020 09:08:30 Instrument ID: CHG.i  
Lims ID: ccvis  
Client ID:  
Operator ID: ggg ALS Bottle#: 2 Worklist Smp#: 3  
Purge Vol: 200.000 mL Dil. Factor: 1.0000  
Method: TO15\_MasterMethod\_(v1)\_G Limit Group: AI\_TO15\_ICAL  
Column: RTX-624 ( 0.32 mm) Detector: MS SCAN

**26 Acetonitrile, CAS: 75-05-8**

Signal: 1

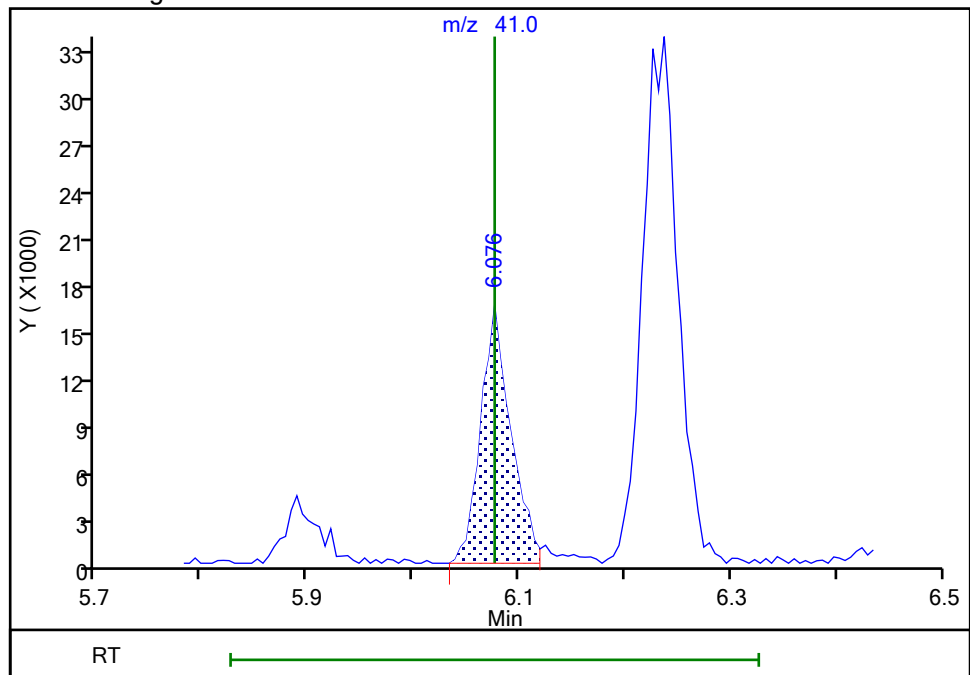
RT: 6.08  
Area: 33898  
Amount: 14.679981  
Amount Units: ppb v/v

## Processing Integration Results



RT: 6.08  
Area: 32150  
Amount: 13.922987  
Amount Units: ppb v/v

## Manual Integration Results



Reviewer: bourdeaut, 21-Dec-2020 10:56:59

Audit Action: Split an Integrated Peak

Audit Reason: Peak Tail

## Eurofins TestAmerica, Burlington

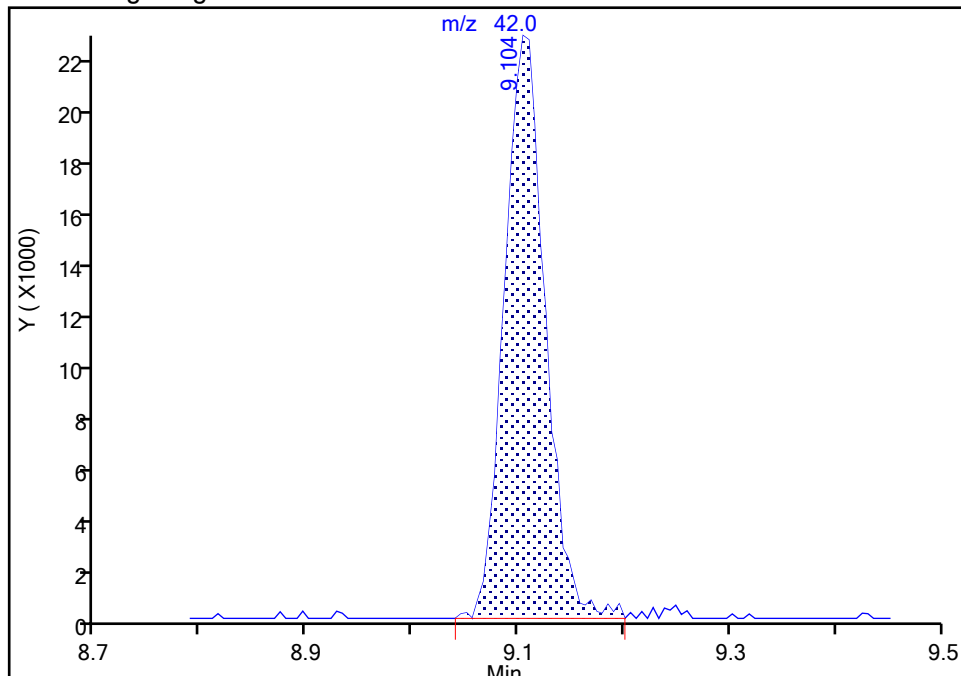
Data File: \\chromfs\Burlington\ChromData\CHG.i\20201221-44158.b\200-44158-003.D  
Injection Date: 21-Dec-2020 09:08:30 Instrument ID: CHG.i  
Lims ID: ccvis  
Client ID:  
Operator ID: ggg ALS Bottle#: 2 Worklist Smp#: 3  
Purge Vol: 200.000 mL Dil. Factor: 1.0000  
Method: TO15\_MasterMethod\_(v1)\_G Limit Group: AI\_TO15\_ICAL  
Column: RTX-624 ( 0.32 mm) Detector: MS SCAN

**41 Tetrahydrofuran, CAS: 109-99-9**

Signal: 1

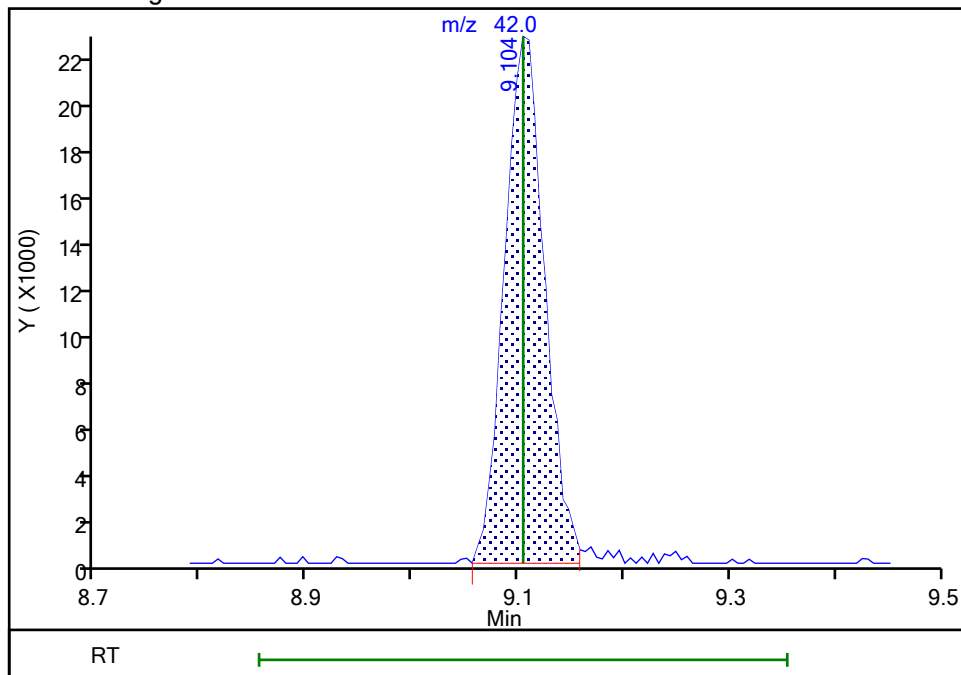
RT: 9.10  
Area: 60465  
Amount: 13.224008  
Amount Units: ppb v/v

## Processing Integration Results



RT: 9.10  
Area: 59391  
Amount: 12.989119  
Amount Units: ppb v/v

## Manual Integration Results



Reviewer: bourdeaut, 21-Dec-2020 10:57:22

Audit Action: Split an Integrated Peak

Audit Reason: Peak Tail

FORM VII  
AIR - GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-56451-1  
 SDG No.: 200-56451-1  
 Lab Sample ID: ICV 200-161965/18 Calibration Date: 12/11/2020 07:16  
 Instrument ID: CHW.i Calib Start Date: 12/10/2020 18:26  
 GC Column: RTX-624 ID: 0.32 (mm) Calib End Date: 12/11/2020 05:25  
 Lab File ID: 44014-018.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        | 1.648   | 1.681  |         | 10.3        | 10.1         | 2.0    | 30.0   |
| Dichlorodifluoromethane          | Ave        | 4.698   | 4.543  |         | 10.2        | 10.6         | -3.3   | 30.0   |
| Chlorodifluoromethane            | Ave        | 2.921   | 2.871  |         | 10.4        | 10.6         | -1.7   | 30.0   |
| 1,2-Dichlorotetrafluoroethane    | Ave        | 4.807   | 4.640  |         | 10.2        | 10.6         | -3.5   | 30.0   |
| Chloromethane                    | Ave        | 1.671   | 1.806  |         | 10.7        | 9.94         | 8.1    | 30.0   |
| Vinyl chloride                   | Ave        | 2.054   | 2.007  |         | 9.76        | 9.99         | -2.3   | 30.0   |
| n-Butane                         | Ave        | 3.001   | 2.927  |         | 10.0        | 10.3         | -2.4   | 30.0   |
| 1,3-Butadiene                    | Ave        | 1.644   | 1.485  |         | 8.76        | 9.70         | -9.7   | 30.0   |
| Bromomethane                     | Ave        | 1.477   | 1.454  |         | 10.2        | 10.4         | -1.5   | 30.0   |
| Chloroethane                     | Ave        | 0.8670  | 0.8200 |         | 9.99        | 10.6         | -5.4   | 30.0   |
| Isopentane                       | Ave        | 1.841   | 1.797  |         | 10.2        | 10.4         | -2.4   | 30.0   |
| Bromoethene (Vinyl Bromide)      | Ave        | 1.423   | 1.473  |         | 10.4        | 10.0         | 3.5    | 30.0   |
| Trichlorofluoromethane           | Ave        | 3.857   | 3.690  |         | 9.96        | 10.4         | -4.3   | 30.0   |
| n-Pentane                        | Ave        | 2.633   | 2.561  |         | 9.93        | 10.2         | -2.7   | 30.0   |
| Ethanol                          | Ave        | 0.6770  | 0.6536 |         | 14.5        | 15.0         | -3.5   | 30.0   |
| Ethyl ether                      | Ave        | 0.9893  | 0.9686 |         | 10.0        | 10.2         | -2.1   | 30.0   |
| Acrolein                         | Ave        | 0.5263  | 0.5070 |         | 9.35        | 9.71         | -3.7   | 30.0   |
| 1,1-Dichloroethene               | Ave        | 1.493   | 1.378  |         | 9.40        | 10.2         | -7.7   | 30.0   |
| 1,1,2-Trichlorotrifluoroethane   | Ave        | 2.961   | 2.813  |         | 10.1        | 10.7         | -5.0   | 30.0   |
| Acetone                          | Ave        | 2.054   | 2.011  |         | 10.2        | 10.4         | -2.1   | 30.0   |
| Carbon disulfide                 | Ave        | 4.085   | 3.845  |         | 9.75        | 10.4         | -5.9   | 30.0   |
| Isopropyl alcohol                | Ave        | 2.263   | 2.186  |         | 9.82        | 10.2         | -3.4   | 30.0   |
| Acetonitrile                     | Ave        | 0.8143  | 0.8379 |         | 10.0        | 9.72         | 2.9    | 30.0   |
| 3-Chloropropene                  | Ave        | 1.754   | 1.635  |         | 10.0        | 10.7         | -6.8   | 30.0   |
| Methylene Chloride               | Ave        | 1.616   | 1.477  |         | 9.36        | 10.2         | -8.6   | 30.0   |
| tert-Butyl alcohol               | Ave        | 2.591   | 2.543  |         | 10.6        | 10.8         | -1.8   | 30.0   |
| Acrylonitrile                    | Ave        | 0.7477  | 0.8163 |         | 11.1        | 10.2         | 9.2    | 30.0   |
| trans-1,2-Dichloroethene         | Ave        | 2.009   | 1.918  |         | 9.86        | 10.3         | -4.5   | 30.0   |
| Methyl tert-butyl ether          | Ave        | 3.716   | 3.633  |         | 10.3        | 10.6         | -2.2   | 30.0   |
| n-Hexane                         | Ave        | 1.917   | 1.916  |         | 10.5        | 10.5         | -0.0   | 30.0   |
| 1,1-Dichloroethane               | Ave        | 2.653   | 2.313  |         | 8.95        | 10.3         | -12.8  | 30.0   |
| Vinyl acetate                    | Ave        | 2.867   | 1.531  |         | 5.38        | 10.1         | -46.6* | 30.0   |
| Methyl Ethyl Ketone (2-Butanone) | Ave        | 0.6215  | 0.6077 |         | 10.1        | 10.4         | -2.2   | 30.0   |
| cis-1,2-Dichloroethene           | Ave        | 1.508   | 1.337  |         | 9.19        | 10.4         | -11.3  | 30.0   |
| Ethyl acetate                    | Ave        | 0.1194  | 0.1097 |         | 9.38        | 10.2         | -8.1   | 30.0   |
| Tetrahydrofuran                  | Ave        | 0.2946  | 0.2905 |         | 9.67        | 9.81         | -1.4   | 30.0   |
| Chloroform                       | Ave        | 3.079   | 2.763  |         | 9.26        | 10.3         | -10.3  | 30.0   |
| 1,1,1-Trichloroethane            | Ave        | 0.6828  | 0.6216 |         | 9.39        | 10.3         | -9.0   | 30.0   |
| Cyclohexane                      | Ave        | 0.3775  | 0.3743 |         | 10.1        | 10.2         | -0.8   | 30.0   |

FORM VII  
AIR - GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-56451-1  
 SDG No.: 200-56451-1  
 Lab Sample ID: ICV 200-161965/18 Calibration Date: 12/11/2020 07:16  
 Instrument ID: CHW.i Calib Start Date: 12/10/2020 18:26  
 GC Column: RTX-624 ID: 0.32 (mm) Calib End Date: 12/11/2020 05:25  
 Lab File ID: 44014-018.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        | 0.7398  | 0.6858 |         | 9.31        | 10.0         | -7.3  | 30.0   |
| Benzene                                       | Ave        | 0.8764  | 0.8277 |         | 9.81        | 10.4         | -5.6  | 30.0   |
| 1,2-Dichloroethane                            | Ave        | 0.4214  | 0.3795 |         | 9.42        | 10.5         | -9.9  | 30.0   |
| 2,2,4-Trimethylpentane                        | Ave        | 1.267   | 1.319  |         | 10.6        | 10.1         | 4.1   | 30.0   |
| n-Heptane                                     | Ave        | 0.4717  | 0.4715 |         | 10.3        | 10.3         | -0.0  | 30.0   |
| n-Butanol                                     | Ave        | 0.1757  | 0.2013 |         | 10.4        | 9.11         | 14.5  | 30.0   |
| Trichloroethene                               | Ave        | 0.4151  | 0.4335 |         | 10.7        | 10.3         | 4.4   | 30.0   |
| 1,2-Dichloropropane                           | Ave        | 0.3321  | 0.3111 |         | 9.69        | 10.3         | -6.3  | 30.0   |
| Methyl methacrylate                           | Ave        | 0.2946  | 0.2867 |         | 9.93        | 10.2         | -2.7  | 30.0   |
| 1,4-Dioxane                                   | Ave        | 0.1823  | 0.1988 |         | 11.2        | 10.3         | 9.0   | 30.0   |
| Dibromomethane                                | Ave        | 0.4487  | 0.4152 |         | 9.57        | 10.3         | -7.5  | 30.0   |
| Bromodichloromethane                          | Ave        | 0.6796  | 0.6340 |         | 9.60        | 10.3         | -6.7  | 30.0   |
| cis-1,3-Dichloropropene                       | Ave        | 0.5334  | 0.5372 |         | 10.0        | 9.94         | 0.7   | 30.0   |
| 4-Methyl-2-pentanone (Methyl isobutyl ketone) | Ave        | 0.6492  | 0.6625 |         | 10.4        | 10.2         | 2.1   | 30.0   |
| Toluene                                       | Ave        | 0.7226  | 0.6718 |         | 9.48        | 10.2         | -7.0  | 30.0   |
| n-Octane                                      | Ave        | 0.6821  | 0.6644 |         | 10.0        | 10.3         | -2.6  | 30.0   |
| trans-1,3-Dichloropropene                     | Ave        | 0.5032  | 0.5031 |         | 9.85        | 9.85         | -0.0  | 30.0   |
| 1,1,2-Trichloroethane                         | Ave        | 0.3658  | 0.3388 |         | 9.72        | 10.5         | -7.4  | 30.0   |
| Tetrachloroethene                             | Ave        | 0.7377  | 0.6429 |         | 9.12        | 10.5         | -12.8 | 30.0   |
| Methyl Butyl Ketone (2-Hexanone)              | Ave        | 0.6675  | 0.7155 |         | 10.8        | 10.1         | 7.2   | 30.0   |
| Dibromochloromethane                          | Ave        | 0.8630  | 0.7701 |         | 9.46        | 10.6         | -10.8 | 30.0   |
| 1,2-Dibromoethane                             | Ave        | 0.6374  | 0.6059 |         | 10.1        | 10.7         | -5.0  | 30.0   |
| Chlorobenzene                                 | Ave        | 1.029   | 0.9668 |         | 9.86        | 10.5         | -6.0  | 30.0   |
| Ethylbenzene                                  | Ave        | 1.615   | 1.587  |         | 10.0        | 10.2         | -1.8  | 30.0   |
| m,p-Xylene                                    | Ave        | 0.6251  | 0.6405 |         | 20.5        | 20.0         | 2.5   | 30.0   |
| n-Nonane                                      | Ave        | 0.7219  | 0.7275 |         | 10.5        | 10.5         | 0.8   | 30.0   |
| o-Xylene                                      | Ave        | 0.5911  | 0.5961 |         | 10.5        | 10.4         | 0.8   | 30.0   |
| Styrene                                       | Ave        | 0.8998  | 0.9596 |         | 11.0        | 10.3         | 6.6   | 30.0   |
| Bromoform                                     | Ave        | 0.7509  | 0.7890 |         | 10.8        | 10.3         | 5.1   | 30.0   |
| Cumene                                        | Ave        | 1.739   | 1.763  |         | 10.6        | 10.5         | 1.4   | 30.0   |
| 1,1,2,2-Tetrachloroethane                     | Ave        | 0.9237  | 0.7504 |         | 8.41        | 10.3         | -18.8 | 30.0   |
| 1,2,3-Trichloropropane                        | Ave        | 0.7381  | 0.6893 |         | 9.93        | 10.6         | -6.6  | 30.0   |
| n-Propylbenzene                               | Ave        | 2.051   | 2.073  |         | 10.5        | 10.4         | 1.1   | 30.0   |
| 2-Chlorotoluene                               | Ave        | 1.302   | 1.282  |         | 10.3        | 10.4         | -1.6  | 30.0   |
| 4-Ethyltoluene                                | Ave        | 1.698   | 1.740  |         | 10.5        | 10.2         | 2.5   | 30.0   |
| 1,3,5-Trimethylbenzene                        | Ave        | 1.449   | 1.430  |         | 10.4        | 10.5         | -1.3  | 30.0   |
| n-Decane                                      | Ave        | 0.8941  | 0.9196 |         | 10.6        | 10.3         | 2.9   | 30.0   |
| Alpha Methyl Styrene                          | Ave        | 0.7240  | 0.7520 |         | 10.6        | 10.2         | 3.9   | 30.0   |
| tert-Butylbenzene                             | Ave        | 1.485   | 1.460  |         | 10.2        | 10.4         | -1.7  | 30.0   |
| 1,2,4-Trimethylbenzene                        | Ave        | 1.445   | 1.427  |         | 10.3        | 10.4         | -1.3  | 30.0   |

FORM VII  
AIR - GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-56451-1  
 SDG No.: 200-56451-1  
 Lab Sample ID: ICV 200-161965/18 Calibration Date: 12/11/2020 07:16  
 Instrument ID: CHW.i Calib Start Date: 12/10/2020 18:26  
 GC Column: RTX-624 ID: 0.32 (mm) Calib End Date: 12/11/2020 05:25  
 Lab File ID: 44014-018.d Conc. Units: ppb v/v Heated Purge: (Y/N) N

| ANALYTE                | CURVE<br>TYPE | AVE RRF | RRF    | MIN RRF | CALC<br>AMOUNT | SPIKE<br>AMOUNT | %D    | MAX<br>%D |
|------------------------|---------------|---------|--------|---------|----------------|-----------------|-------|-----------|
| sec-Butylbenzene       | Ave           | 2.151   | 2.147  |         | 10.4           | 10.5            | -0.2  | 30.0      |
| 1,3-Dichlorobenzene    | Ave           | 0.9178  | 0.9645 |         | 10.7           | 10.2            | 5.1   | 30.0      |
| 4-Isopropyltoluene     | Ave           | 1.841   | 1.792  |         | 10.2           | 10.5            | -2.7  | 30.0      |
| 1,4-Dichlorobenzene    | Ave           | 0.8371  | 0.8941 |         | 11.1           | 10.4            | 6.8   | 30.0      |
| Benzyl chloride        | Ave           | 0.9536  | 1.069  |         | 11.4           | 10.2            | 12.1  | 30.0      |
| n-Butylbenzene         | Ave           | 1.594   | 1.586  |         | 10.5           | 10.5            | -0.5  | 30.0      |
| 1,2-Dichlorobenzene    | Ave           | 0.9618  | 0.9121 |         | 10.2           | 10.8            | -5.2  | 30.0      |
| n-Undecane             | Ave           | 0.9484  | 0.9214 |         | 10.4           | 10.7            | -2.8  | 30.0      |
| n-Dodecane             | Ave           | 1.004   | 0.7308 |         | 7.74           | 10.6            | -27.2 | 30.0      |
| 1,2,4-Trichlorobenzene | Ave           | 0.5519  | 0.4716 |         | 9.38           | 11.0            | -14.5 | 30.0      |
| Hexachlorobutadiene    | Ave           | 0.9761  | 0.7837 |         | 8.71           | 10.8            | -19.7 | 30.0      |
| Naphthalene            | Ave           | 1.148   | 1.091  |         | 9.98           | 10.5            | -5.0  | 30.0      |
| 1,2,3-Trichlorobenzene | Ave           | 0.6101  | 0.4339 |         | 7.72           | 10.9            | -28.9 | 30.0      |

Eurofins TestAmerica, Burlington  
Target Compound Quantitation Report

Data File: \\chromfs\Burlington\ChromData\CHW.i\20201210-44014.b\44014-018.d  
 Lims ID: icv  
 Client ID:  
 Sample Type: ICV  
 Inject. Date: 11-Dec-2020 07:16:30 ALS Bottle#: 17 Worklist Smp#: 18  
 Purge Vol: 200.000 mL Dil. Factor: 1.0000  
 Sample Info: 200-0044014-018  
 Operator ID: ggg Instrument ID: CHW.i  
 Sublist:  
 Method: \\chromfs\Burlington\ChromData\CHW.i\20201210-44014.b\TO15\_TO3\_MasterMethod\_W.m  
 Limit Group: AI\_TO15\_ICAL  
 Last Update: 11-Dec-2020 10:11:39 Calib Date: 11-Dec-2020 05:25:30  
 Integrator: RTE ID Type: Deconvolution ID  
 Quant Method: Internal Standard Quant By: Initial Calibration  
 Last ICal File: \\chromfs\Burlington\ChromData\CHW.i\20201210-44014.b\44014-016.d  
 Column 1 : RTX-624 ( 0.32 mm) Det: MS SCAN  
 Process Host: CTX1657

First Level Reviewer: guazzonig

Date: 11-Dec-2020 09:57:56

| 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  | 3.987     | 3.944         | 0.043         | 98  | 1542108  | 10.1            | 10.3              |       |
| 2 Dichlorodifluoromethane          | 85  | 4.094     | 4.046         | 0.048         | 99  | 4354193  | 10.6            | 10.2              |       |
| 3 Chlorodifluoromethane            | 51  | 4.137     | 4.094         | 0.043         | 97  | 2751736  | 10.6            | 10.4              |       |
| 4 1,2-Dichloro-1,1,2,2-tetrafluoro | 85  | 4.490     | 4.442         | 0.048         | 96  | 4451024  | 10.6            | 10.2              |       |
| 5 Chloromethane                    | 50  | 4.586     | 4.533         | 0.053         | 99  | 1626196  | 9.94            | 10.7              |       |
| 6 Vinyl chloride                   | 62  | 4.918     | 4.870         | 0.048         | 98  | 1815932  | 9.99            | 9.76              |       |
| 7 Butane                           | 43  | 4.934     | 4.886         | 0.048         | 98  | 2731331  | 10.3            | 10.0              |       |
| 8 Butadiene                        | 54  | 5.046     | 4.998         | 0.048         | 97  | 1304743  | 9.70            | 8.76              |       |
| 9 Bromomethane                     | 94  | 5.774     | 5.736         | 0.038         | 99  | 1370156  | 10.4            | 10.2              |       |
| 11 Chloroethane                    | 64  | 6.068     | 6.031         | 0.037         | 100 | 785098   | 10.6            | 10.0              |       |
| 10 BFB                             |     |           |               |               |     |          |                 |                   |       |
| 12 2-Methylbutane                  | 43  | 6.293     | 6.255         | 0.038         | 94  | 1700593  | 10.4            | 10.2              |       |
| 13 Vinyl bromide                   | 106 | 6.501     | 6.464         | 0.037         | 99  | 1341256  | 10.0            | 10.4              |       |
| 14 Trichlorofluoromethane          | 101 | 6.673     | 6.635         | 0.038         | 99  | 3479957  | 10.4            | 9.96              |       |
| 15 Pentane                         | 43  | 6.892     | 6.860         | 0.032         | 98  | 2368241  | 10.2            | 9.93              |       |
| 16 Ethanol                         | 45  | 7.117     | 7.101         | 0.016         | 99  | 888455   | 15.0            | 14.5              |       |
| 18 Ethyl ether                     | 59  | 7.331     | 7.304         | 0.027         | 95  | 897544   | 10.2            | 10.0              |       |
| 19 Acrolein                        | 56  | 7.582     | 7.555         | 0.027         | 96  | 445921   | 9.71            | 9.35              |       |
| 20 1,1-Dichloroethene              | 96  | 7.764     | 7.743         | 0.021         | 96  | 1271797  | 10.2            | 9.40              |       |
| 21 112TCTFE                        | 101 | 7.812     | 7.791         | 0.021         | 96  | 2721555  | 10.7            | 10.1              |       |
| 22 Acetone                         | 43  | 7.871     | 7.850         | 0.021         | 98  | 1899514  | 10.4            | 10.2              |       |
| 24 Carbon disulfide                | 76  | 8.181     | 8.155         | 0.026         | 100 | 3608418  | 10.4            | 9.75              |       |
| 23 Isopropyl alcohol               | 45  | 8.187     | 8.171         | 0.016         | 100 | 2013848  | 10.2            | 9.82              |       |
| 25 Acetonitrile                    | 41  | 8.385     | 8.363         | 0.022         | 99  | 737703   | 9.72            | 10.0              |       |
| 26 3-Chloro-1-propene              | 41  | 8.486     | 8.465         | 0.021         | 98  | 1588770  | 10.7            | 10.0              |       |
| 27 Methylene Chloride              | 49  | 8.722     | 8.700         | 0.022         | 93  | 1371424  | 10.2            | 9.36              |       |
| 28 2-Methyl-2-propanol             | 59  | 8.952     | 8.936         | 0.016         | 95  | 2487884  | 10.8            | 10.6              |       |
| 29 Acrylonitrile                   | 53  | 9.139     | 9.128         | 0.011         | 94  | 753447   | 10.2            | 11.1              |       |
| 30 trans-1,2-Dichloroethene        | 61  | 9.230     | 9.214         | 0.016         | 98  | 1794890  | 10.3            | 9.86              |       |
| 31 Methyl tert-butyl ether         | 73  | 9.240     | 9.224         | 0.016         | 97  | 3475275  | 10.6            | 10.3              |       |
| 32 Hexane                          | 57  | 9.743     | 9.727         | 0.016         | 93  | 1817602  | 10.5            | 10.5              |       |

| 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  | 10.005    | 9.995          | 0.010         | 100 | 2151931   | 10.3            | 8.95              |       |
| 34 Vinyl acetate               | 43  | 10.027    | 10.016         | 0.011         | 100 | 1396684   | 10.1            | 5.38              |       |
| S 35 1,2-Dichloroethene, Total | 61  |           |                |               | 0   |           | 20.0            | 19.1              |       |
| 36 2-Butanone (MEK)            | 72  | 10.995    | 10.985         | 0.010         | 100 | 570274    | 10.4            | 10.1              |       |
| 37 cis-1,2-Dichloroethene      | 96  | 11.011    | 11.001         | 0.010         | 94  | 1256190   | 10.4            | 9.19              |       |
| 38 Ethyl acetate               | 88  | 11.081    | 11.070         | 0.011         | 99  | 101455    | 10.2            | 9.38              |       |
| * 39 Chlorobromomethane        | 128 | 11.429    | 11.418         | 0.010         | 87  | 906007    | 10.0            | 10.0              |       |
| 40 Tetrahydrofuran             | 42  | 11.477    | 11.471         | 0.006         | 91  | 1224105   | 9.81            | 9.67              |       |
| 41 Chloroform                  | 83  | 11.610    | 11.600         | 0.010         | 96  | 2583296   | 10.3            | 9.26              |       |
| 42 1,1,1-Trichloroethane       | 97  | 11.915    | 11.905         | 0.010         | 96  | 2754913   | 10.3            | 9.39              |       |
| 43 Cyclohexane                 | 84  | 12.054    | 12.038         | 0.016         | 97  | 1642744   | 10.2            | 10.1              |       |
| 44 Carbon tetrachloride        | 117 | 12.194    | 12.188         | 0.006         | 99  | 2960074   | 10.0            | 9.31              |       |
| 45 Benzene                     | 78  | 12.547    | 12.541         | 0.006         | 96  | 3693633   | 10.4            | 9.81              |       |
| 46 1,2-Dichloroethane          | 62  | 12.627    | 12.622         | 0.005         | 98  | 1704897   | 10.5            | 9.42              |       |
| 47 Isooctane                   | 57  | 12.766    | 12.755         | 0.011         | 98  | 5742957   | 10.1            | 10.6              |       |
| 48 n-Heptane                   | 43  | 13.076    | 13.071         | 0.005         | 92  | 2087589   | 10.3            | 10.3              |       |
| * 50 1,4-Difluorobenzene       | 114 | 13.290    | 13.285         | 0.005         | 94  | 4295652   | 10.0            | 10.0              |       |
| 53 n-Butanol                   | 56  | 13.515    | 13.515         | 0.000         | 90  | 787509    | 9.11            | 10.4              |       |
| 51 Trichloroethene             | 95  | 13.724    | 13.718         | 0.006         | 99  | 1916007   | 10.3            | 10.7              |       |
| A 52 GRO                       | 1   | 14.045    | (6.245-21.828) |               | 0   | 561247908 | 649.9           | 0                 |       |
| 54 1,2-Dichloropropane         | 63  | 14.184    | 14.178         | 0.006         | 88  | 1382703   | 10.3            | 9.69              |       |
| 55 Methyl methacrylate         | 69  | 14.275    | 14.269         | 0.006         | 96  | 1257092   | 10.2            | 9.93              |       |
| 56 1,4-Dioxane                 | 88  | 14.312    | 14.307         | 0.005         | 94  | 878433    | 10.3            | 11.2              |       |
| 57 Dibromomethane              | 174 | 14.344    | 14.339         | 0.005         | 92  | 1843927   | 10.3            | 9.57              |       |
| 58 Dichlorobromomethane        | 83  | 14.654    | 14.649         | 0.005         | 99  | 2801781   | 10.3            | 9.60              |       |
| A 59 TVOC as Toluene           | 1   | 15.353    | (3.934-26.733) |               | 0   | 876783765 | 899.8           | 0                 |       |
| 60 cis-1,3-Dichloropropene     | 75  | 15.462    | 15.462         | 0.000         | 94  | 2293220   | 9.94            | 10.0              |       |
| 61 4-Methyl-2-pentanone (MIBK) | 43  | 15.719    | 15.719         | 0.000         | 97  | 2899439   | 10.2            | 10.4              |       |
| 62 Toluene                     | 92  | 16.104    | 16.104         | 0.000         | 94  | 2666470   | 10.2            | 9.48              |       |
| 63 n-Octane                    | 43  | 16.356    | 16.350         | 0.006         | 91  | 2939215   | 10.3            | 10.0              |       |
| 64 trans-1,3-Dichloropropene   | 75  | 16.521    | 16.521         | 0.000         | 97  | 2128129   | 9.85            | 9.85              |       |
| 65 1,1,2-Trichloroethane       | 83  | 16.901    | 16.896         | 0.005         | 97  | 1383075   | 10.5            | 9.72              |       |
| 66 Tetrachloroethene           | 166 | 17.094    | 17.094         | 0.000         | 97  | 2619641   | 10.5            | 9.12              |       |
| 67 2-Hexanone                  | 43  | 17.302    | 17.303         | -0.001        | 94  | 2814922   | 10.1            | 10.8              |       |
| 68 Chlorodibromomethane        | 129 | 17.640    | 17.640         | 0.000         | 98  | 3176732   | 10.6            | 9.46              |       |
| 69 Ethylene Dibromide          | 107 | 17.880    | 17.880         | 0.000         | 99  | 2513338   | 10.7            | 10.1              |       |
| * 70 Chlorobenzene-d5          | 117 | 18.795    | 18.795         | 0.000         | 86  | 3892277   | 10.0            | 10.0              |       |
| 71 Chlorobenzene               | 112 | 18.854    | 18.849         | 0.005         | 95  | 3950489   | 10.5            | 9.86              |       |
| 73 Ethylbenzene                | 91  | 19.046    | 19.047         | -0.001        | 98  | 6316913   | 10.2            | 10.0              |       |
| 74 m-Xylene & p-Xylene         | 106 | 19.314    | 19.303         | 0.011         | 0   | 4985112   | 20.0            | 20.5              |       |
| 75 n-Nonane                    | 57  | 19.367    | 19.368         | -0.001        | 89  | 2964022   | 10.5            | 10.5              |       |
| 76 o-Xylene                    | 106 | 20.084    | 20.084         | 0.000         | 99  | 2405505   | 10.4            | 10.5              |       |
| S 77 Xylenes, Total            | 106 |           |                |               | 0   |           | 30.0            | 30.9              |       |
| 78 Styrene                     | 104 | 20.122    | 20.116         | 0.006         | 98  | 3838963   | 10.3            | 11.0              |       |
| 79 Bromoform                   | 173 | 20.470    | 20.470         | 0.000         | 98  | 3162438   | 10.3            | 10.8              |       |
| 80 Isopropylbenzene            | 105 | 20.780    | 20.780         | 0.000         | 96  | 7175330   | 10.5            | 10.6              |       |
| 81 1,1,2,2-Tetrachloroethane   | 83  | 21.299    | 21.293         | 0.006         | 99  | 3022361   | 10.3            | 8.41              |       |
| 82 1,2,3-Trichloropropane      | 75  | 21.400    | 21.395         | 0.005         | 98  | 2853974   | 10.6            | 9.93              |       |
| 83 N-Propylbenzene             | 91  | 21.497    | 21.497         | 0.000         | 99  | 8356533   | 10.4            | 10.5              |       |
| 84 2-Chlorotoluene             | 91  | 21.646    | 21.641         | 0.005         | 97  | 5202187   | 10.4            | 10.3              |       |
| 85 4-Ethyltoluene              | 105 | 21.695    | 21.695         | 0.000         | 99  | 6941396   | 10.2            | 10.5              |       |
| 86 1,3,5-Trimethylbenzene      | 105 | 21.791    | 21.791         | 0.000         | 94  | 5836687   | 10.5            | 10.4              |       |



| Compound                   | Sig | RT (min.) | Adj RT (min.) | Dlt RT (min.) | Q  | Response | Cal Amt ppb v/v | OnCol Amt ppb v/v | Flags |
|----------------------------|-----|-----------|---------------|---------------|----|----------|-----------------|-------------------|-------|
| 87 n-Decane                | 57  | 21.818    | 21.818        | 0.000         | 92 | 3700359  | 10.3            | 10.6              |       |
| 88 Alpha Methyl Styrene    | 118 | 22.117    | 22.117        | 0.000         | 89 | 2973279  | 10.2            | 10.6              |       |
| 89 tert-Butylbenzene       | 119 | 22.272    | 22.267        | 0.005         | 95 | 5909699  | 10.4            | 10.2              |       |
| 90 1,2,4-Trimethylbenzene  | 105 | 22.358    | 22.358        | 0.000         | 97 | 5797459  | 10.4            | 10.3              |       |
| 91 sec-Butylbenzene        | 105 | 22.593    | 22.593        | 0.000         | 98 | 8739699  | 10.5            | 10.4              |       |
| 92 1,3-Dichlorobenzene     | 146 | 22.770    | 22.765        | 0.005         | 97 | 3817143  | 10.2            | 10.7              |       |
| 93 4-Isopropyltoluene      | 119 | 22.807    | 22.807        | 0.000         | 97 | 7323949  | 10.5            | 10.2              |       |
| 94 1,4-Dichlorobenzene     | 146 | 22.909    | 22.909        | 0.000         | 96 | 3618604  | 10.4            | 11.1              |       |
| 95 Benzyl chloride         | 91  | 23.053    | 23.053        | 0.000         | 99 | 4227472  | 10.2            | 11.4              |       |
| 96 n-Butylbenzene          | 91  | 23.364    | 23.364        | 0.000         | 98 | 6488283  | 10.5            | 10.5              |       |
| 97 1,2-Dichlorobenzene     | 146 | 23.396    | 23.396        | 0.000         | 97 | 3819265  | 10.8            | 10.2              |       |
| 98 Undecane                | 57  | 23.513    | 23.514        | -0.001        | 95 | 3843892  | 10.7            | 10.4              |       |
| 99 Dodecane                | 57  | 25.097    | 25.097        | 0.000         | 97 | 3025787  | 10.6            | 7.74              |       |
| 100 1,2,4-Trichlorobenzene | 180 | 25.835    | 25.835        | 0.000         | 94 | 2015256  | 11.0            | 9.38              |       |
| 101 Hexachlorobutadiene    | 225 | 26.081    | 26.081        | 0.000         | 97 | 3309194  | 10.8            | 8.71              |       |
| 102 Naphthalene            | 128 | 26.317    | 26.317        | 0.000         | 99 | 4459207  | 10.5            | 9.98              |       |
| 103 1,2,3-Trichlorobenzene | 180 | 26.723    | 26.723        | 0.000         | 95 | 1833614  | 10.9            | 7.72              |       |

**QC Flag Legend**

Processing Flags

**Reagents:**

ATTO15LCSW\_00815

Amount Added: 200.00

Units: mL

ATTO15WISs\_00009

Amount Added: 20.00

Units: mL

Run Reagent

Report Date: 11-Dec-2020 10:14:13

Chrom Revision: 2.3 12-Nov-2020 21:52:08

Eurofins TestAmerica, Burlington

Data File: \\chromfs\Burlington\ChromData\CHW.i\20201210-44014.b\44014-018.d

Injection Date: 11-Dec-2020 07:16:30

Instrument ID: CHW.i

Operator ID: ggg

Lims ID: icv

Worklist Smp#: 18

Client ID:

Purge Vol: 200.000 mL

Dil. Factor: 1.0000

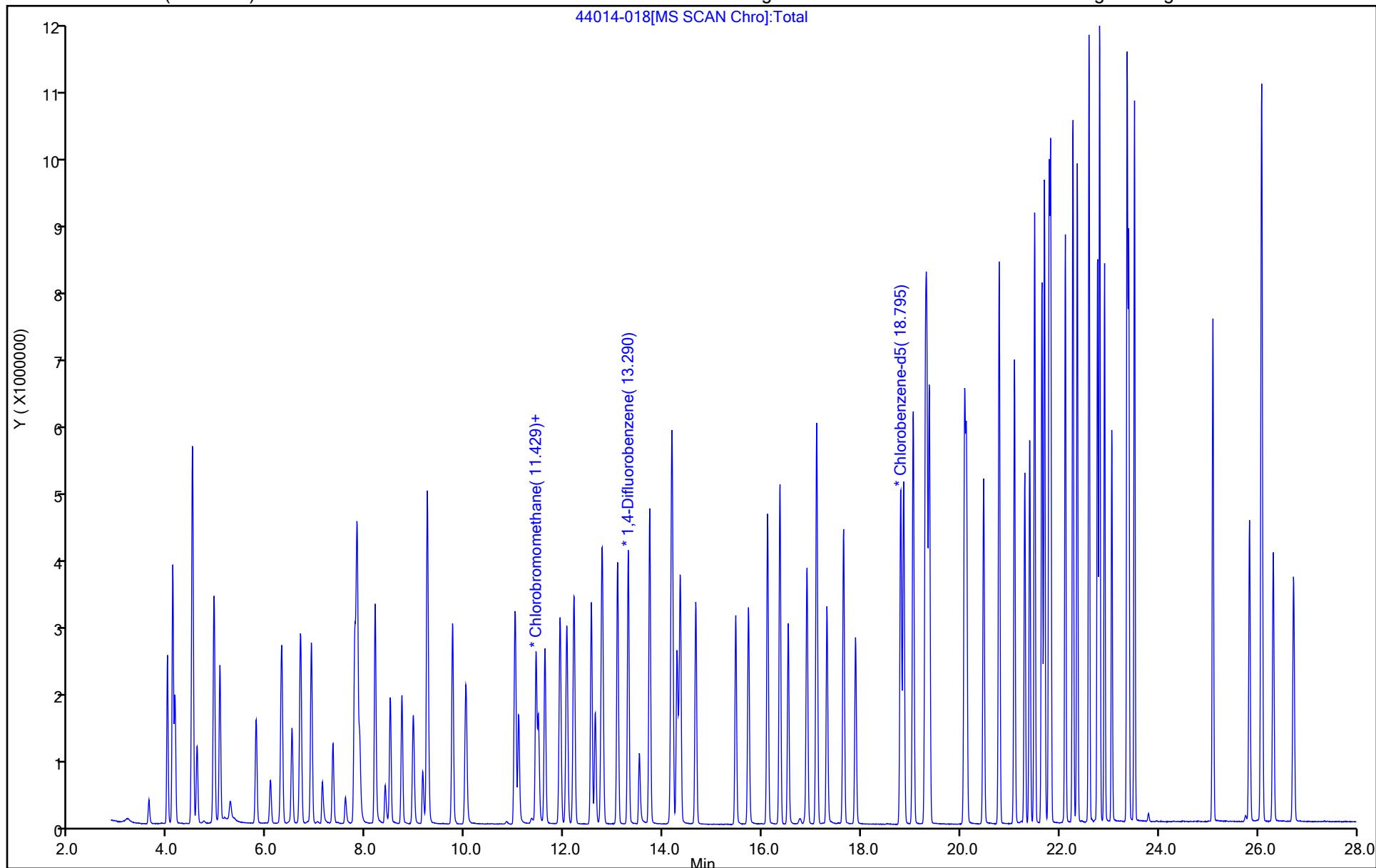
ALS Bottle#: 17

Method: TO15\_TO3\_MasterMethod\_W

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 TestAmerica, Burlington Job No.: 200-56451-1  
 SDG No.: 200-56451-1  
 Lab Sample ID: CCVIS 200-162240/2 Calibration Date: 12/18/2020 09:18  
 Instrument ID: CHW.i Calib Start Date: 12/10/2020 18:26  
 GC Column: RTX-624 ID: 0.32 (mm) Calib End Date: 12/11/2020 05:25  
 Lab File ID: 44134-002.d Conc. Units: ppb v/v Heated Purge: (Y/N) N

| ANALYTE                          | CURVE<br>TYPE | AVE RRF | RRF    | MIN RRF | CALC<br>AMOUNT | SPIKE<br>AMOUNT | %D    | MAX<br>%D |
|----------------------------------|---------------|---------|--------|---------|----------------|-----------------|-------|-----------|
| Propylene                        | Ave           | 1.648   | 1.754  |         | 11.0           | 10.3            | 6.4   | 30.0      |
| Dichlorodifluoromethane          | Ave           | 4.698   | 4.519  |         | 10.0           | 10.4            | -3.8  | 30.0      |
| Chlorodifluoromethane            | Ave           | 2.921   | 3.047  |         | 10.9           | 10.5            | 4.3   | 30.0      |
| 1,2-Dichlorotetrafluoroethane    | Ave           | 4.807   | 4.862  |         | 10.5           | 10.4            | 1.1   | 30.0      |
| Chloromethane                    | Ave           | 1.671   | 1.739  |         | 11.4           | 10.9            | 4.1   | 30.0      |
| Vinyl chloride                   | Ave           | 2.054   | 1.971  |         | 9.97           | 10.4            | -4.0  | 30.0      |
| n-Butane                         | Ave           | 3.001   | 3.017  |         | 10.4           | 10.4            | 0.6   | 30.0      |
| 1,3-Butadiene                    | Ave           | 1.644   | 1.456  |         | 8.96           | 10.1            | -11.4 | 30.0      |
| Bromomethane                     | Ave           | 1.477   | 1.512  |         | 10.5           | 10.3            | 2.3   | 30.0      |
| Chloroethane                     | Ave           | 0.8670  | 0.8853 |         | 10.6           | 10.4            | 2.1   | 30.0      |
| Isopentane                       | Ave           | 1.841   | 1.906  |         | 10.8           | 10.4            | 3.5   | 30.0      |
| Bromoethene (Vinyl Bromide)      | Ave           | 1.423   | 1.452  |         | 10.6           | 10.4            | 2.0   | 30.0      |
| Trichlorofluoromethane           | Ave           | 3.857   | 3.692  |         | 10.1           | 10.6            | -4.3  | 30.0      |
| n-Pentane                        | Ave           | 2.633   | 2.672  |         | 10.3           | 10.1            | 1.5   | 30.0      |
| Ethanol                          | Ave           | 0.6770  | 0.8124 |         | 18.0           | 15.0            | 20.0  | 30.0      |
| Ethyl ether                      | Ave           | 0.9893  | 1.045  |         | 10.6           | 10.1            | 5.7   | 30.0      |
| Acrolein                         | Ave           | 0.5263  | 0.6019 |         | 11.1           | 9.72            | 14.3  | 30.0      |
| 1,1-Dichloroethene               | Ave           | 1.493   | 1.425  |         | 9.81           | 10.3            | -4.5  | 30.0      |
| 1,1,2-Trichlorotrifluoroethane   | Ave           | 2.961   | 2.945  |         | 10.4           | 10.5            | -0.5  | 30.0      |
| Acetone                          | Ave           | 2.054   | 2.100  |         | 10.5           | 10.2            | 2.3   | 30.0      |
| Carbon disulfide                 | Ave           | 4.085   | 4.025  |         | 10.0           | 10.2            | -1.5  | 30.0      |
| Isopropyl alcohol                | Ave           | 2.263   | 2.423  |         | 10.9           | 10.2            | 7.1   | 30.0      |
| Acetonitrile                     | Ave           | 0.8143  | 0.8885 |         | 10.8           | 9.90            | 9.1   | 30.0      |
| 3-Chloropropene                  | Ave           | 1.754   | 1.689  |         | 10.3           | 10.6            | -3.7  | 30.0      |
| Methylene Chloride               | Ave           | 1.616   | 1.525  |         | 9.70           | 10.3            | -5.6  | 30.0      |
| tert-Butyl alcohol               | Ave           | 2.591   | 2.722  |         | 11.3           | 10.8            | 5.0   | 30.0      |
| Acrylonitrile                    | Ave           | 0.7477  | 0.8714 |         | 11.8           | 10.1            | 16.5  | 30.0      |
| trans-1,2-Dichloroethene         | Ave           | 2.009   | 1.988  |         | 10.1           | 10.2            | -1.1  | 30.0      |
| Methyl tert-butyl ether          | Ave           | 3.716   | 3.884  |         | 10.9           | 10.4            | 4.5   | 30.0      |
| n-Hexane                         | Ave           | 1.917   | 1.955  |         | 10.8           | 10.6            | 2.0   | 30.0      |
| 1,1-Dichloroethane               | Ave           | 2.653   | 2.484  |         | 9.36           | 10.0            | -6.4  | 30.0      |
| Vinyl acetate                    | Ave           | 2.867   | 3.649  |         | 13.2           | 10.4            | 27.3  | 30.0      |
| Methyl Ethyl Ketone (2-Butanone) | Ave           | 0.6215  | 0.6960 |         | 11.6           | 10.3            | 12.0  | 30.0      |
| cis-1,2-Dichloroethene           | Ave           | 1.508   | 1.445  |         | 9.67           | 10.1            | -4.2  | 30.0      |
| Ethyl acetate                    | Ave           | 0.1194  | 0.1310 |         | 11.1           | 10.1            | 9.7   | 30.0      |
| Tetrahydrofuran                  | Ave           | 0.2946  | 0.3049 |         | 10.3           | 9.99            | 3.5   | 30.0      |
| Chloroform                       | Ave           | 3.079   | 3.134  |         | 10.3           | 10.1            | 1.8   | 30.0      |
| 1,1,1-Trichloroethane            | Ave           | 0.6828  | 0.6221 |         | 9.28           | 10.2            | -8.9  | 30.0      |
| Cyclohexane                      | Ave           | 0.3775  | 0.3579 |         | 9.62           | 10.1            | -5.2  | 30.0      |

FORM VII  
AIR - GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-56451-1  
 SDG No.: 200-56451-1  
 Lab Sample ID: CCVIS 200-162240/2 Calibration Date: 12/18/2020 09:18  
 Instrument ID: CHW.i Calib Start Date: 12/10/2020 18:26  
 GC Column: RTX-624 ID: 0.32 (mm) Calib End Date: 12/11/2020 05:25  
 Lab File ID: 44134-002.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        | 0.7398  | 0.6536 |         | 8.97        | 10.2         | -11.7 | 30.0   |
| Benzene                                       | Ave        | 0.8764  | 0.8640 |         | 10.2        | 10.3         | -1.4  | 30.0   |
| 1,2-Dichloroethane                            | Ave        | 0.4214  | 0.3972 |         | 9.76        | 10.4         | -5.7  | 30.0   |
| 2,2,4-Trimethylpentane                        | Ave        | 1.267   | 1.317  |         | 10.9        | 10.5         | 4.0   | 30.0   |
| n-Heptane                                     | Ave        | 0.4717  | 0.4891 |         | 10.9        | 10.5         | 3.7   | 30.0   |
| n-Butanol                                     | Ave        | 0.1757  | 0.1652 |         | 8.98        | 9.55         | -6.0  | 30.0   |
| Trichloroethene                               | Ave        | 0.4151  | 0.3941 |         | 9.99        | 10.5         | -5.1  | 30.0   |
| 1,2-Dichloropropane                           | Ave        | 0.3321  | 0.3334 |         | 10.4        | 10.3         | 0.4   | 30.0   |
| Methyl methacrylate                           | Ave        | 0.2946  | 0.3041 |         | 10.5        | 10.2         | 3.2   | 30.0   |
| 1,4-Dioxane                                   | Ave        | 0.1823  | 0.1733 |         | 10.1        | 10.6         | -4.9  | 30.0   |
| Dibromomethane                                | Ave        | 0.4487  | 0.4233 |         | 9.71        | 10.3         | -5.7  | 30.0   |
| Bromodichloromethane                          | Ave        | 0.6796  | 0.6476 |         | 10.1        | 10.6         | -4.7  | 30.0   |
| cis-1,3-Dichloropropene                       | Ave        | 0.5334  | 0.5387 |         | 10.5        | 10.4         | 1.0   | 30.0   |
| 4-Methyl-2-pentanone (Methyl isobutyl ketone) | Ave        | 0.6492  | 0.6268 |         | 9.89        | 10.2         | -3.4  | 30.0   |
| Toluene                                       | Ave        | 0.7226  | 0.8020 |         | 11.3        | 10.2         | 11.0  | 30.0   |
| n-Octane                                      | Ave        | 0.6821  | 0.6883 |         | 10.4        | 10.3         | 0.9   | 30.0   |
| trans-1,3-Dichloropropene                     | Ave        | 0.5032  | 0.4860 |         | 9.54        | 9.88         | -3.4  | 30.0   |
| 1,1,2-Trichloroethane                         | Ave        | 0.3658  | 0.3787 |         | 10.8        | 10.5         | 3.5   | 30.0   |
| Tetrachloroethene                             | Ave        | 0.7377  | 0.7399 |         | 10.5        | 10.5         | 0.3   | 30.0   |
| Methyl Butyl Ketone (2-Hexanone)              | Ave        | 0.6675  | 0.7063 |         | 10.6        | 9.99         | 5.8   | 30.0   |
| Dibromochloromethane                          | Ave        | 0.8630  | 0.9008 |         | 10.1        | 9.68         | 4.4   | 30.0   |
| 1,2-Dibromoethane                             | Ave        | 0.6374  | 0.6546 |         | 10.9        | 10.6         | 2.7   | 30.0   |
| Chlorobenzene                                 | Ave        | 1.029   | 1.041  |         | 10.6        | 10.5         | 1.2   | 30.0   |
| Ethylbenzene                                  | Ave        | 1.615   | 1.704  |         | 10.8        | 10.2         | 5.5   | 30.0   |
| m,p-Xylene                                    | Ave        | 0.6251  | 0.6621 |         | 21.8        | 20.6         | 5.9   | 30.0   |
| n-Nonane                                      | Ave        | 0.7219  | 0.7747 |         | 11.2        | 10.5         | 7.3   | 30.0   |
| o-Xylene                                      | Ave        | 0.5911  | 0.6300 |         | 11.0        | 10.4         | 6.6   | 30.0   |
| Styrene                                       | Ave        | 0.8998  | 1.005  |         | 11.5        | 10.3         | 11.7  | 30.0   |
| Bromoform                                     | Ave        | 0.7509  | 0.7938 |         | 10.9        | 10.3         | 5.7   | 30.0   |
| Cumene                                        | Ave        | 1.739   | 1.865  |         | 11.2        | 10.4         | 7.2   | 30.0   |
| 1,1,2,2-Tetrachloroethane                     | Ave        | 0.9237  | 0.9485 |         | 10.6        | 10.3         | 2.7   | 30.0   |
| 1,2,3-Trichloropropane                        | Ave        | 0.7381  | 0.7295 |         | 10.5        | 10.6         | -1.2  | 30.0   |
| n-Propylbenzene                               | Ave        | 2.051   | 2.185  |         | 11.1        | 10.4         | 6.6   | 30.0   |
| 2-Chlorotoluene                               | Ave        | 1.302   | 1.343  |         | 10.8        | 10.4         | 3.1   | 30.0   |
| 4-Ethyltoluene                                | Ave        | 1.698   | 1.821  |         | 11.1        | 10.3         | 7.3   | 30.0   |
| 1,3,5-Trimethylbenzene                        | Ave        | 1.449   | 1.522  |         | 10.9        | 10.4         | 5.1   | 30.0   |
| n-Decane                                      | Ave        | 0.8941  | 0.9711 |         | 11.3        | 10.4         | 8.6   | 30.0   |
| Alpha Methyl Styrene                          | Ave        | 0.7240  | 0.7923 |         | 11.2        | 10.2         | 9.4   | 30.0   |
| tert-Butylbenzene                             | Ave        | 1.485   | 1.517  |         | 10.6        | 10.4         | 2.2   | 30.0   |
| 1,2,4-Trimethylbenzene                        | Ave        | 1.445   | 1.500  |         | 10.8        | 10.4         | 3.8   | 30.0   |

FORM VII  
AIR - GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-56451-1  
 SDG No.: 200-56451-1  
 Lab Sample ID: CCVIS 200-162240/2 Calibration Date: 12/18/2020 09:18  
 Instrument ID: CHW.i Calib Start Date: 12/10/2020 18:26  
 GC Column: RTX-624 ID: 0.32 (mm) Calib End Date: 12/11/2020 05:25  
 Lab File ID: 44134-002.d Conc. Units: ppb v/v Heated Purge: (Y/N) N

| ANALYTE                | CURVE<br>TYPE | AVE RRF | RRF    | MIN RRF | CALC<br>AMOUNT | SPIKE<br>AMOUNT | %D   | MAX<br>%D |
|------------------------|---------------|---------|--------|---------|----------------|-----------------|------|-----------|
| sec-Butylbenzene       | Ave           | 2.151   | 2.220  |         | 10.8           | 10.5            | 3.2  | 30.0      |
| 1,3-Dichlorobenzene    | Ave           | 0.9178  | 0.9860 |         | 11.4           | 10.6            | 7.4  | 30.0      |
| 4-Isopropyltoluene     | Ave           | 1.841   | 1.919  |         | 10.7           | 10.3            | 4.2  | 30.0      |
| 1,4-Dichlorobenzene    | Ave           | 0.8371  | 0.9374 |         | 11.7           | 10.5            | 12.0 | 30.0      |
| Benzyl chloride        | Ave           | 0.9536  | 1.112  |         | 12.3           | 10.6            | 16.6 | 30.0      |
| n-Butylbenzene         | Ave           | 1.594   | 1.702  |         | 11.1           | 10.4            | 6.8  | 30.0      |
| 1,2-Dichlorobenzene    | Ave           | 0.9618  | 1.005  |         | 10.9           | 10.4            | 4.5  | 30.0      |
| n-Undecane             | Ave           | 0.9484  | 1.011  |         | 11.2           | 10.5            | 6.6  | 30.0      |
| n-Dodecane             | Ave           | 1.004   | 0.9541 |         | 8.89           | 9.36            | -5.0 | 30.0      |
| 1,2,4-Trichlorobenzene | Ave           | 0.5519  | 0.5751 |         | 11.3           | 10.9            | 4.2  | 30.0      |
| Hexachlorobutadiene    | Ave           | 0.9761  | 0.9318 |         | 9.79           | 10.3            | -4.5 | 30.0      |
| Naphthalene            | Ave           | 1.148   | 1.341  |         | 11.3           | 9.72            | 16.8 | 30.0      |
| 1,2,3-Trichlorobenzene | Ave           | 0.6101  | 0.6522 |         | 9.75           | 9.12            | 6.9  | 30.0      |

Eurofins TestAmerica, Burlington  
Target Compound Quantitation Report

Data File: \\chromfs\Burlington\ChromData\CHW.i\20201218-44134.b\44134-002.d  
 Lims ID: ccvis  
 Client ID:  
 Sample Type: CCVIS  
 Inject. Date: 18-Dec-2020 09:18:30 ALS Bottle#: 1 Worklist Smp#: 2  
 Purge Vol: 200.000 mL Dil. Factor: 1.0000  
 Sample Info: 200-0044134-002  
 Operator ID: ggg Instrument ID: CHW.i  
 Sublist: chrom-TO15\_TO3\_MasterMethod\_W\*sub5  
 Method: \\chromfs\Burlington\ChromData\CHW.i\20201218-44134.b\TO15\_TO3\_MasterMethod\_W.m  
 Limit Group: AI\_TO15\_ICAL  
 Last Update: 21-Dec-2020 09:31:19 Calib Date: 11-Dec-2020 05:25:30  
 Integrator: RTE ID Type: Deconvolution ID  
 Quant Method: Internal Standard Quant By: Initial Calibration  
 Last ICal File: \\chromfs\Burlington\ChromData\CHW.i\20201210-44014.b\44014-016.d  
 Column 1 : RTX-624 ( 0.32 mm) Det: MS SCAN  
 Process Host: CTX1612

First Level Reviewer: bunmaa

Date: 21-Dec-2020 09:31:19

| 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  | 3.966     | 3.966         | 0.000         | 98  | 1850793  | 10.3            | 11.0              |       |
| 2 Dichlorodifluoromethane          | 85  | 4.073     | 4.073         | 0.000         | 99  | 4824892  | 10.4            | 10.0              |       |
| 3 Chlorodifluoromethane            | 51  | 4.116     | 4.116         | 0.000         | 98  | 3265896  | 10.5            | 10.9              |       |
| 4 1,2-Dichloro-1,1,2,2-tetrafluoro | 85  | 4.469     | 4.469         | 0.000         | 96  | 5176280  | 10.4            | 10.5              |       |
| 5 Chloromethane                    | 50  | 4.560     | 4.560         | 0.000         | 99  | 1941869  | 10.9            | 11.4              |       |
| 6 Vinyl chloride                   | 62  | 4.897     | 4.897         | 0.000         | 98  | 2094583  | 10.4            | 9.97              |       |
| 7 Butane                           | 43  | 4.913     | 4.913         | 0.000         | 98  | 3196725  | 10.4            | 10.4              |       |
| 8 Butadiene                        | 54  | 5.025     | 5.025         | 0.000         | 97  | 1507323  | 10.1            | 8.96              |       |
| 9 Bromomethane                     | 94  | 5.758     | 5.758         | 0.000         | 99  | 1593691  | 10.3            | 10.5              |       |
| 11 Chloroethane                    | 64  | 6.047     | 6.047         | 0.000         | 99  | 940663   | 10.4            | 10.6              |       |
| 10 BFB                             |     |           |               |               |     |          |                 |                   |       |
| 12 2-Methylbutane                  | 43  | 6.271     | 6.271         | 0.000         | 94  | 2034736  | 10.4            | 10.8              |       |
| 13 Vinyl bromide                   | 106 | 6.485     | 6.485         | 0.000         | 99  | 1547084  | 10.4            | 10.6              |       |
| 14 Trichlorofluoromethane          | 101 | 6.657     | 6.657         | 0.000         | 99  | 3986922  | 10.6            | 10.1              |       |
| 15 Pentane                         | 43  | 6.876     | 6.876         | 0.000         | 97  | 2768112  | 10.1            | 10.3              |       |
| 16 Ethanol                         | 45  | 7.101     | 7.101         | 0.000         | 100 | 1246686  | 15.0            | 18.0              |       |
| 18 Ethyl ether                     | 59  | 7.309     | 7.309         | 0.000         | 95  | 1077425  | 10.1            | 10.6              |       |
| 19 Acrolein                        | 56  | 7.566     | 7.566         | 0.000         | 96  | 598247   | 9.72            | 11.1              |       |
| 20 1,1-Dichloroethene              | 96  | 7.753     | 7.753         | 0.000         | 96  | 1498451  | 10.3            | 9.81              |       |
| 21 112TCTFE                        | 101 | 7.801     | 7.801         | 0.000         | 97  | 3159273  | 10.5            | 10.4              |       |
| 22 Acetone                         | 43  | 7.855     | 7.855         | 0.000         | 98  | 2199560  | 10.2            | 10.5              |       |
| 24 Carbon disulfide                | 76  | 8.165     | 8.165         | 0.000         | 100 | 4181601  | 10.2            | 10.0              |       |
| 23 Isopropyl alcohol               | 45  | 8.171     | 8.171         | 0.000         | 100 | 2532331  | 10.2            | 10.9              |       |
| 25 Acetonitrile                    | 41  | 8.369     | 8.369         | 0.000         | 98  | 899496   | 9.90            | 10.8              |       |
| 26 3-Chloro-1-propene              | 41  | 8.470     | 8.470         | 0.000         | 98  | 1839399  | 10.6            | 10.3              |       |
| 27 Methylene Chloride              | 49  | 8.706     | 8.706         | 0.000         | 93  | 1603630  | 10.3            | 9.70              |       |
| 28 2-Methyl-2-propanol             | 59  | 8.941     | 8.941         | 0.000         | 94  | 3000444  | 10.8            | 11.3              |       |
| 29 Acrylonitrile                   | 53  | 9.128     | 9.128         | 0.000         | 93  | 900901   | 10.1            | 11.8              |       |
| 30 trans-1,2-Dichloroethene        | 61  | 9.219     | 9.219         | 0.000         | 98  | 2073351  | 10.2            | 10.1              |       |
| 31 Methyl tert-butyl ether         | 73  | 9.230     | 9.230         | 0.000         | 97  | 4150262  | 10.4            | 10.9              |       |
| 32 Hexane                          | 57  | 9.733     | 9.733         | 0.000         | 92  | 2117699  | 10.6            | 10.8              |       |

| 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  | 9.995     | 9.995          | 0.000         | 100 | 2539924    | 10.0            | 9.36              |       |
| 34 Vinyl acetate               | 43  | 10.016    | 10.016         | 0.000         | 100 | 3876831    | 10.4            | 13.2              |       |
| S 35 1,2-Dichloroethene, Total | 61  |           |                |               | 0   |            | 20.3            | 19.8              |       |
| 36 2-Butanone (MEK)            | 72  | 10.985    | 10.985         | 0.000         | 100 | 735995     | 10.3            | 11.6              |       |
| 37 cis-1,2-Dichloroethene      | 96  | 11.001    | 11.001         | 0.000         | 93  | 1492288    | 10.1            | 9.67              |       |
| 38 Ethyl acetate               | 88  | 11.075    | 11.075         | 0.000         | 100 | 135680     | 10.1            | 11.1              |       |
| * 39 Chlorobromomethane        | 128 | 11.423    | 11.423         | 0.000         | 88  | 1022836    | 10.0            | 10.0              |       |
| 40 Tetrahydrofuran             | 42  | 11.466    | 11.466         | 0.000         | 91  | 1605993    | 9.99            | 10.3              |       |
| 41 Chloroform                  | 83  | 11.600    | 11.600         | 0.000         | 96  | 3237444    | 10.1            | 10.3              |       |
| 42 1,1,1-Trichloroethane       | 97  | 11.910    | 11.910         | 0.000         | 96  | 3342491    | 10.2            | 9.28              |       |
| 43 Cyclohexane                 | 84  | 12.044    | 12.044         | 0.000         | 97  | 1915406    | 10.1            | 9.62              |       |
| 44 Carbon tetrachloride        | 117 | 12.188    | 12.188         | 0.000         | 98  | 3501013    | 10.2            | 8.97              |       |
| 45 Benzene                     | 78  | 12.541    | 12.541         | 0.000         | 96  | 4705865    | 10.3            | 10.2              |       |
| 46 1,2-Dichloroethane          | 62  | 12.616    | 12.616         | 0.000         | 98  | 2169585    | 10.4            | 9.76              |       |
| 47 Isooctane                   | 57  | 12.755    | 12.755         | 0.000         | 99  | 7268678    | 10.5            | 10.9              |       |
| 48 n-Heptane                   | 43  | 13.071    | 13.071         | 0.000         | 92  | 2710183    | 10.5            | 10.9              |       |
| * 50 1,4-Difluorobenzene       | 114 | 13.285    | 13.285         | 0.000         | 94  | 5273542    | 10.0            | 10.0              |       |
| 53 n-Butanol                   | 56  | 13.510    | 13.510         | 0.000         | 89  | 832015     | 9.55            | 8.98              |       |
| 51 Trichloroethene             | 95  | 13.718    | 13.718         | 0.000         | 99  | 2188178    | 10.5            | 10.0              |       |
| A 52 GRO                       | 1   | 14.045    | (6.261-21.828) |               | 0   | 670352558  | 649.9           | 0                 |       |
| 54 1,2-Dichloropropane         | 63  | 14.178    | 14.178         | 0.000         | 89  | 1812587    | 10.3            | 10.4              |       |
| 55 Methyl methacrylate         | 69  | 14.269    | 14.269         | 0.000         | 96  | 1629179    | 10.2            | 10.5              |       |
| 56 1,4-Dioxane                 | 88  | 14.307    | 14.307         | 0.000         | 94  | 966565     | 10.6            | 10.1              |       |
| 57 Dibromomethane              | 174 | 14.339    | 14.339         | 0.000         | 93  | 2298720    | 10.3            | 9.71              |       |
| 58 Dichlorobromomethane        | 83  | 14.649    | 14.649         | 0.000         | 99  | 3609337    | 10.6            | 10.1              |       |
| A 59 TVOC as Toluene           | 1   | 15.345    | (3.956-26.733) |               | 0   | 1038043182 | 899.8           | 0                 |       |
| 60 cis-1,3-Dichloropropene     | 75  | 15.457    | 15.457         | 0.000         | 93  | 2951168    | 10.4            | 10.5              |       |
| 61 4-Methyl-2-pentanone (MIBK) | 43  | 15.714    | 15.714         | 0.000         | 97  | 3384140    | 10.2            | 9.89              |       |
| 62 Toluene                     | 92  | 16.099    | 16.099         | 0.000         | 94  | 3414511    | 10.2            | 11.3              |       |
| 63 n-Octane                    | 43  | 16.350    | 16.350         | 0.000         | 91  | 3748910    | 10.3            | 10.4              |       |
| 64 trans-1,3-Dichloropropene   | 75  | 16.516    | 16.516         | 0.000         | 98  | 2531457    | 9.88            | 9.54              |       |
| 65 1,1,2-Trichloroethane       | 83  | 16.896    | 16.896         | 0.000         | 98  | 1663289    | 10.5            | 10.8              |       |
| 66 Tetrachloroethene           | 166 | 17.089    | 17.089         | 0.000         | 97  | 3255719    | 10.5            | 10.5              |       |
| 67 2-Hexanone                  | 43  | 17.297    | 17.297         | 0.000         | 94  | 2956931    | 9.99            | 10.6              |       |
| 68 Chlorodibromomethane        | 129 | 17.634    | 17.634         | 0.000         | 98  | 3654016    | 9.68            | 10.1              |       |
| 69 Ethylene Dibromide          | 107 | 17.875    | 17.875         | 0.000         | 98  | 2910478    | 10.6            | 10.9              |       |
| * 70 Chlorobenzene-d5          | 117 | 18.790    | 18.790         | 0.000         | 86  | 4191512    | 10.0            | 10.0              |       |
| 71 Chlorobenzene               | 112 | 18.849    | 18.849         | 0.000         | 95  | 4578331    | 10.5            | 10.6              |       |
| 73 Ethylbenzene                | 91  | 19.041    | 19.041         | 0.000         | 98  | 7295928    | 10.2            | 10.8              |       |
| 74 m-Xylene & p-Xylene         | 106 | 19.303    | 19.303         | 0.000         | 0   | 5704346    | 20.6            | 21.8              |       |
| 75 n-Nonane                    | 57  | 19.368    | 19.368         | 0.000         | 90  | 3402316    | 10.5            | 11.2              |       |
| 76 o-Xylene                    | 106 | 20.079    | 20.079         | 0.000         | 99  | 2735316    | 10.4            | 11.0              |       |
| S 77 Xylenes, Total            | 106 |           |                |               | 0   |            | 30.9            | 32.8              |       |
| 78 Styrene                     | 104 | 20.116    | 20.116         | 0.000         | 99  | 4346984    | 10.3            | 11.5              |       |
| 79 Bromoform                   | 173 | 20.464    | 20.464         | 0.000         | 98  | 3423203    | 10.3            | 10.9              |       |
| 80 Isopropylbenzene            | 105 | 20.774    | 20.774         | 0.000         | 96  | 8150514    | 10.4            | 11.2              |       |
| 81 1,1,2,2-Tetrachloroethane   | 83  | 21.293    | 21.293         | 0.000         | 99  | 4109992    | 10.3            | 10.6              |       |
| 82 1,2,3-Trichloropropane      | 75  | 21.395    | 21.395         | 0.000         | 98  | 3237698    | 10.6            | 10.5              |       |
| 83 N-Propylbenzene             | 91  | 21.491    | 21.491         | 0.000         | 99  | 9525099    | 10.4            | 11.1              |       |
| 84 2-Chlorotoluene             | 91  | 21.641    | 21.641         | 0.000         | 97  | 5875946    | 10.4            | 10.8              |       |
| 85 4-Ethyltoluene              | 105 | 21.689    | 21.689         | 0.000         | 98  | 7882328    | 10.3            | 11.1              |       |
| 86 1,3,5-Trimethylbenzene      | 105 | 21.786    | 21.786         | 0.000         | 93  | 6626227    | 10.4            | 10.9              |       |

| Compound                   | Sig | RT<br>(min.) | Adj RT<br>(min.) | Dlt RT<br>(min.) | Q  | Response | Cal Amt<br>ppb v/v | OnCol Amt<br>ppb v/v | Flags |
|----------------------------|-----|--------------|------------------|------------------|----|----------|--------------------|----------------------|-------|
| 87 n-Decane                | 57  | 21.818       | 21.818           | 0.000            | 92 | 4240346  | 10.4               | 11.3                 |       |
| 88 Alpha Methyl Styrene    | 118 | 22.112       | 22.112           | 0.000            | 89 | 3386736  | 10.2               | 11.2                 |       |
| 89 tert-Butylbenzene       | 119 | 22.267       | 22.267           | 0.000            | 96 | 6586942  | 10.4               | 10.6                 |       |
| 90 1,2,4-Trimethylbenzene  | 105 | 22.353       | 22.353           | 0.000            | 98 | 6536045  | 10.4               | 10.8                 |       |
| 91 sec-Butylbenzene        | 105 | 22.593       | 22.593           | 0.000            | 98 | 9729419  | 10.5               | 10.8                 |       |
| 92 1,3-Dichlorobenzene     | 146 | 22.765       | 22.765           | 0.000            | 97 | 4371882  | 10.6               | 11.4                 |       |
| 93 4-Isopropyltoluene      | 119 | 22.807       | 22.807           | 0.000            | 98 | 8289189  | 10.3               | 10.7                 |       |
| 94 1,4-Dichlorobenzene     | 146 | 22.909       | 22.909           | 0.000            | 96 | 4112799  | 10.5               | 11.7                 |       |
| 95 Benzyl chloride         | 91  | 23.053       | 23.053           | 0.000            | 99 | 4931723  | 10.6               | 12.3                 |       |
| 96 n-Butylbenzene          | 91  | 23.364       | 23.364           | 0.000            | 99 | 7412538  | 10.4               | 11.1                 |       |
| 97 1,2-Dichlorobenzene     | 146 | 23.396       | 23.396           | 0.000            | 97 | 4397605  | 10.4               | 10.9                 |       |
| 98 Undecane                | 57  | 23.514       | 23.514           | 0.000            | 95 | 4433014  | 10.5               | 11.2                 |       |
| 99 Dodecane                | 57  | 25.092       | 25.092           | 0.000            | 97 | 3742313  | 9.36               | 8.89                 |       |
| 100 1,2,4-Trichlorobenzene | 180 | 25.835       | 25.835           | 0.000            | 94 | 2617555  | 10.9               | 11.3                 |       |
| 101 Hexachlorobutadiene    | 225 | 26.076       | 26.076           | 0.000            | 97 | 4006616  | 10.3               | 9.79                 |       |
| 102 Naphthalene            | 128 | 26.311       | 26.311           | 0.000            | 99 | 5462057  | 9.72               | 11.3                 |       |
| 103 1,2,3-Trichlorobenzene | 180 | 26.723       | 26.723           | 0.000            | 95 | 2492836  | 9.12               | 9.75                 |       |
| 112 Methylcyclohexane      | 83  |              | 0.000            |                  |    |          | ND                 | ND                   |       |

**QC Flag Legend**

Processing Flags

ND - Not Detected or Marked ND

**Reagents:**

ATTO15CAL4w\_00756

Amount Added: 200.00

Units: mL

ATTO15WISs\_00009

Amount Added: 20.00

Units: mL

Run Reagent



Report Date: 21-Dec-2020 09:31:19

Chrom Revision: 2.3 09-Dec-2020 16:22:14

Eurofins TestAmerica, Burlington

Data File: \\chromfs\Burlington\ChromData\CHW.i\20201218-44134.b\44134-002.d

Injection Date: 18-Dec-2020 09:18:30

Instrument ID: CHW.i

Operator ID: ggg

Lims ID: ccvis

Worklist Smp#: 2

Client ID:

Purge Vol: 200.000 mL

Dil. Factor: 1.0000

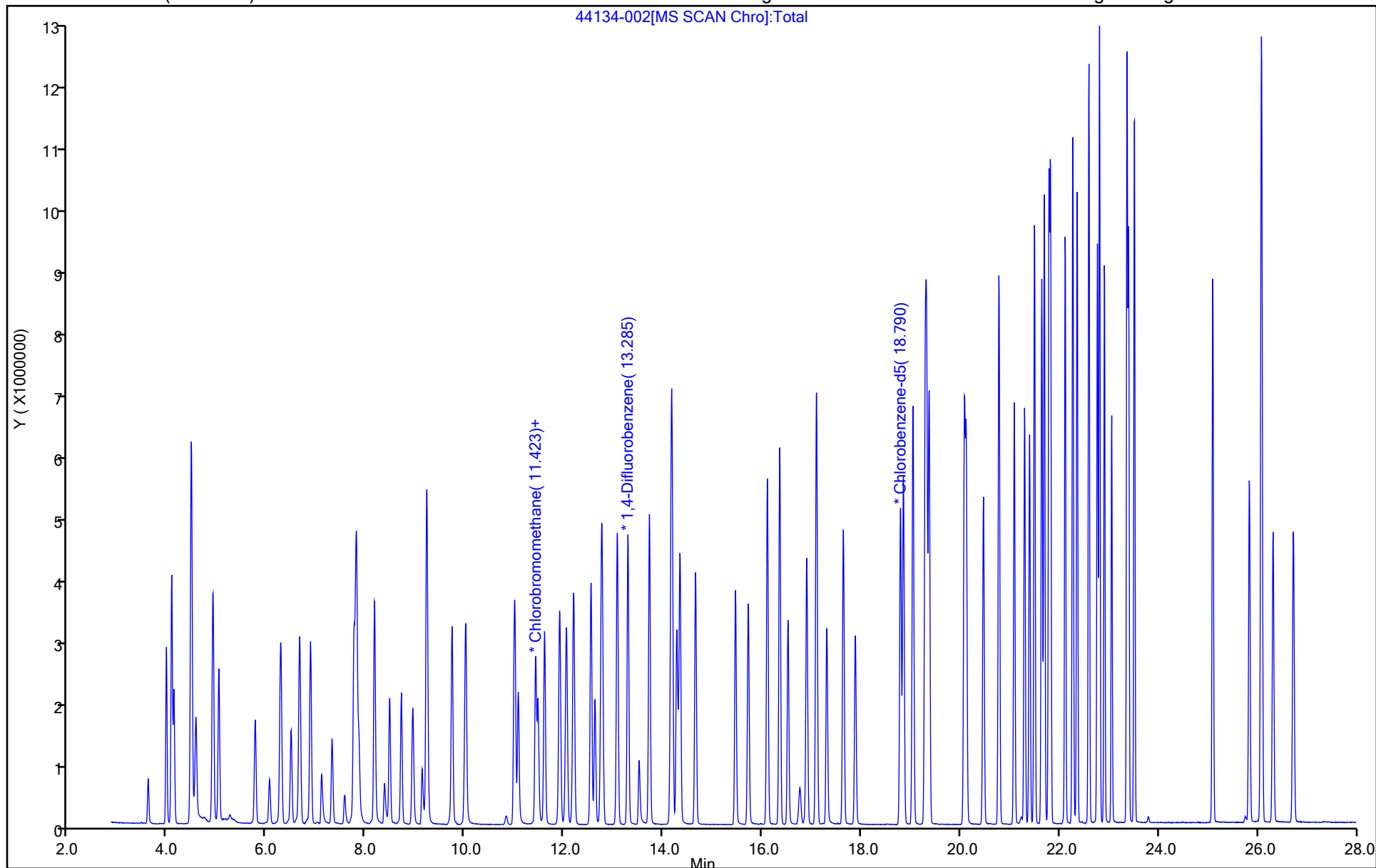
ALS Bottle#: 1

Method: TO15\_TO3\_MasterMethod\_W

Limit Group: AI\_TO15\_ICAL

Column: RTX-624 ( 0.32 mm)

Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



Eurofins TestAmerica, Burlington  
Target Compound Quantitation Report

Data File: \\chromfs\Burlington\ChromData\CHC.i\20201217-44129.b\44129-01.D  
 Lims ID: bfb  
 Client ID:  
 Sample Type: BFB  
 Inject. Date: 17-Dec-2020 16:26:30 ALS Bottle#: 1 Worklist Smp#: 1  
 Injection Vol: 200.0 mL Dil. Factor: 1.0000  
 Sample Info: 200-0044129-001  
 Misc. Info.: bfb  
 Operator ID: ggg Instrument ID: CHC.i  
 Method: \\chromfs\Burlington\ChromData\CHC.i\20201217-44129.b\TO15\_MasterMethod\_(v1)\_CHC.i.m  
 Limit Group: AI\_TO15\_ICAL  
 Last Update: 18-Dec-2020 10:48:49 Calib Date: 18-Dec-2020 04:03:30  
 Integrator: RTE ID Type: Deconvolution ID  
 Quant Method: Internal Standard Quant By: Initial Calibration  
 Last ICal File: \\chromfs\Burlington\ChromData\CHC.i\20201217-44129.b\44129-14.D  
 Column 1 : RTX-624 ( 0.32 mm) Det: MS SCAN  
 Process Host: CTX1663

First Level Reviewer: phamvu

Date: 18-Dec-2020 10:48:49

| Compound | Sig | RT<br>(min.) | Adj RT<br>(min.) | Dlt RT<br>(min.) | Q | Response | Cal Amt<br>ppb v/v | OnCol Amt<br>ppb v/v | Flags |
|----------|-----|--------------|------------------|------------------|---|----------|--------------------|----------------------|-------|
|----------|-----|--------------|------------------|------------------|---|----------|--------------------|----------------------|-------|

9 BFB

|                           |     |  |        |  |  |  |      |    |  |
|---------------------------|-----|--|--------|--|--|--|------|----|--|
| * 40 Chlorobromomethane   | 128 |  | 9.792  |  |  |  | 20.0 | ND |  |
| * 50 1,4-Difluorobenzene  | 114 |  | 11.762 |  |  |  | 20.0 | ND |  |
| * 74 Chlorobenzene-d5     | 117 |  | 17.808 |  |  |  | 20.0 | ND |  |
| * 83 4-Bromofluorobenzene | 95  |  | 20.258 |  |  |  | 20.0 | ND |  |

**QC Flag Legend**

Processing Flags

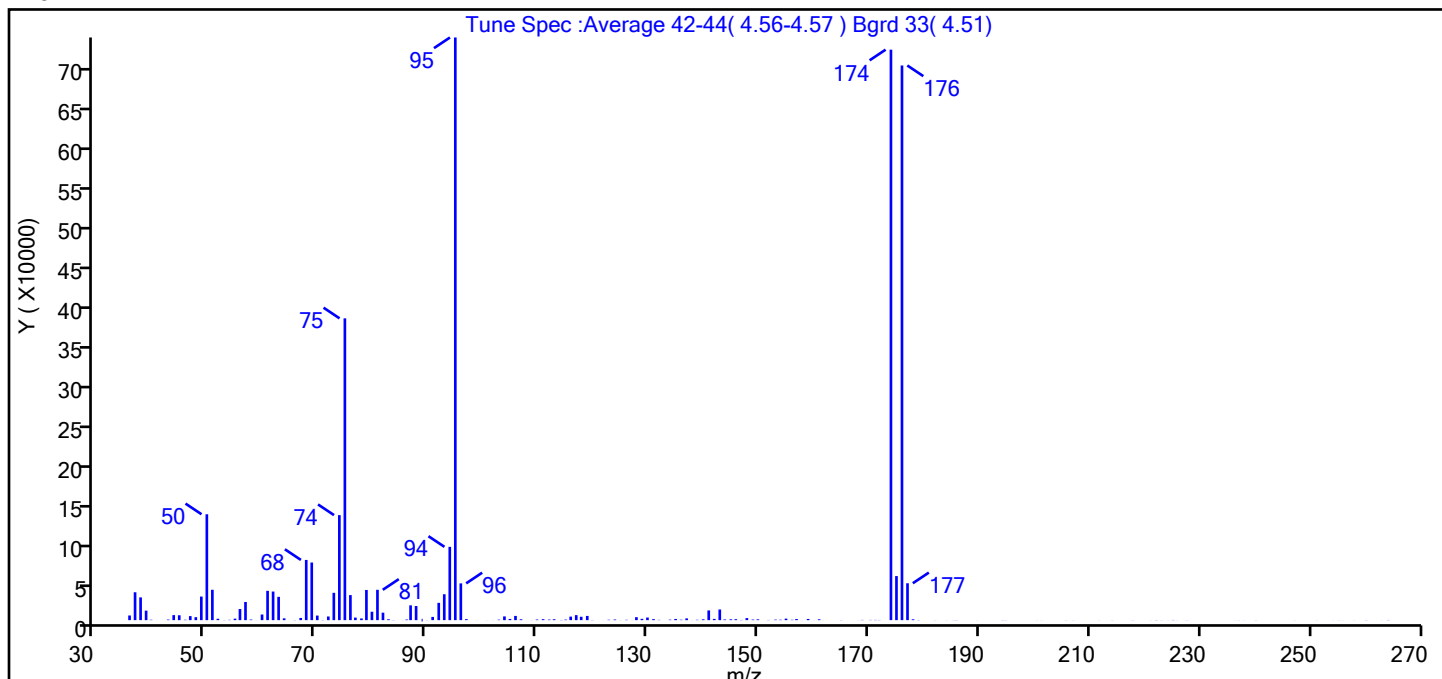
**Reagents:**

ATTO15CISs\_00010                      Amount Added: 40.00                      Units: mL                      Run Reagent

## Eurofins TestAmerica, Burlington

Data File: \\chromfs\Burlington\ChromData\CHC.i\20201217-44129.b\44129-01.D  
Injection Date: 17-Dec-2020 16:26:30 Instrument ID: CHC.i  
Lims ID: bfb  
Client ID:  
Operator ID: ggg 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

9 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             | 18.2                 |
| 75  | 30.0 to 66.0 Percent of m/e 95            | 51.8                 |
| 96  | 5.0 to 9.0 Percent of m/e 95              | 6.3                  |
| 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           | 97.9                 |
| 175 | 4.0 to 9.0 Percent of m/e 174             | 7.6 (7.7)            |
| 176 | 93.0 to 101.0 Percent of m/e 174          | 95.2 (97.2)          |
| 177 | 5.0 to 9.0 Percent of m/e 176             | 6.3 (6.7)            |

Data File: \\chromfs\Burlington\ChromData\CHC.i\20201217-44129.b\44129-01.D\TO15\_MasterMethod\_(v1)\_CHC.i  
Injection Date: 17-Dec-2020 16:26:30  
Spectrum: Tune Spec :Average 42-44( 4.56-4.57 ) Bgrd 33( 4.51)  
Base Peak: 95.10  
Minimum % Base Peak: 0  
Number of Points: 167

| m/z   | Y      | m/z    | Y      | m/z    | Y     | m/z    | Y      |
|-------|--------|--------|--------|--------|-------|--------|--------|
| 36.00 | 5886   | 79.00  | 38216  | 125.00 | 100   | 174.00 | 722368 |
| 37.00 | 35312  | 80.00  | 10640  | 126.00 | 438   | 175.00 | 55800  |
| 38.00 | 28816  | 81.00  | 38416  | 127.00 | 73    | 176.00 | 702336 |
| 39.00 | 12038  | 82.00  | 9466   | 128.00 | 3755  | 177.00 | 46728  |
| 40.00 | 477    | 83.00  | 1082   | 129.00 | 1666  | 178.00 | 1054   |
| 41.00 | 33     | 84.00  | 176    | 130.00 | 3280  | 179.00 | 220    |
| 43.00 | 714    | 86.00  | 76     | 131.00 | 1277  | 182.00 | 117    |
| 44.00 | 6374   | 86.00  | 766    | 132.00 | 343   | 184.00 | 75     |
| 45.00 | 6188   | 87.00  | 18736  | 134.00 | 627   | 185.00 | 125    |
| 46.00 | 504    | 88.00  | 17888  | 135.00 | 1498  | 186.00 | 168    |
| 47.00 | 5109   | 89.00  | 1      | 136.00 | 528   | 190.00 | 58     |
| 48.00 | 3744   | 90.00  | 122    | 137.00 | 2192  | 194.00 | 150    |
| 49.00 | 29848  | 91.00  | 4079   | 138.00 | 61    | 195.00 | 129    |
| 50.00 | 134080 | 92.00  | 21888  | 139.00 | 449   | 200.00 | 70     |
| 51.00 | 38432  | 93.00  | 32800  | 140.00 | 1056  | 201.00 | 65     |
| 52.00 | 1739   | 94.00  | 92808  | 141.00 | 12297 | 206.00 | 102    |
| 53.00 | 154    | 95.00  | 737792 | 142.00 | 1578  | 207.00 | 108    |
| 54.00 | 380    | 96.00  | 46576  | 143.00 | 13489 | 212.00 | 89     |
| 55.00 | 1871   | 97.00  | 1231   | 144.00 | 844   | 214.00 | 107    |
| 56.00 | 14069  | 99.00  | 68     | 145.00 | 1065  | 218.00 | 130    |
| 57.00 | 23024  | 101.00 | 61     | 146.00 | 1192  | 221.00 | 67     |
| 58.00 | 757    | 102.00 | 55     | 147.00 | 229   | 222.00 | 200    |
| 59.00 | 58     | 103.00 | 613    | 148.00 | 2590  | 223.00 | 94     |
| 60.00 | 7135   | 104.00 | 4739   | 149.00 | 721   | 224.00 | 53     |
| 61.00 | 37112  | 105.00 | 1511   | 150.00 | 1019  | 225.00 | 232    |
| 62.00 | 36200  | 106.00 | 5342   | 152.00 | 242   | 226.00 | 83     |
| 63.00 | 29504  | 107.00 | 1073   | 153.00 | 657   | 228.00 | 67     |
| 64.00 | 2280   | 109.00 | 77     | 154.00 | 513   | 228.00 | 61     |
| 65.00 | 12     | 110.00 | 772    | 155.00 | 1887  | 236.00 | 62     |
| 66.00 | 159    | 111.00 | 1220   | 156.00 | 450   | 237.00 | 102    |
| 67.00 | 2779   | 112.00 | 704    | 157.00 | 1376  | 238.00 | 64     |
| 68.00 | 76224  | 113.00 | 1117   | 158.00 | 63    | 240.00 | 94     |
| 69.00 | 72976  | 114.00 | 217    | 159.00 | 1482  | 247.00 | 69     |

Report Date: 18-Dec-2020 10:48:49

Chrom Revision: 2.3 09-Dec-2020 16:22:14

Data File: \\chromfs\Burlington\ChromData\CHC.i\20201217-44129.b\44129-01.D\TO15\_MasterMethod\_(v1)\_CHC.i

Injection Date: 17-Dec-2020 16:26:30

Spectrum: Tune Spec :Average 42-44( 4.56-4.57 ) Bgrd 33( 4.51)

Base Peak: 95.10

Minimum % Base Peak: 0

Number of Points: 167

| m/z   | Y      | m/z    | Y    | m/z    | Y    | m/z    | Y   |
|-------|--------|--------|------|--------|------|--------|-----|
| 70.00 | 5796   | 115.00 | 668  | 160.00 | 70   | 251.00 | 73  |
| 71.00 | 192    | 116.00 | 4482 | 161.00 | 1038 | 254.00 | 56  |
| 72.00 | 4627   | 117.00 | 6347 | 162.00 | 51   | 255.00 | 110 |
| 73.00 | 34600  | 118.00 | 4293 | 165.00 | 154  | 256.00 | 50  |
| 74.00 | 132992 | 119.00 | 5344 | 168.00 | 54   | 258.00 | 64  |
| 75.00 | 382144 | 120.00 | 201  | 169.00 | 283  | 260.00 | 152 |
| 76.00 | 31712  | 122.00 | 41   | 170.00 | 285  | 263.00 | 56  |
| 77.00 | 3253   | 123.00 | 484  | 171.00 | 303  | 264.00 | 221 |
| 78.00 | 2140   | 124.00 | 794  | 172.00 | 216  |        |     |

Report Date: 18-Dec-2020 10:48:49

Chrom Revision: 2.3 09-Dec-2020 16:22:14

Eurofins TestAmerica, Burlington

Data File: \\chromfs\Burlington\ChromData\CHC.i\20201217-44129.b\44129-01.D

Injection Date: 17-Dec-2020 16:26:30

Instrument ID: CHC.i

Operator ID: ggg

Lims ID: bfb

Worklist Smp#: 1

Client ID:

Injection Vol: 200.0 mL

Dil. Factor: 1.0000

ALS Bottle#: 1

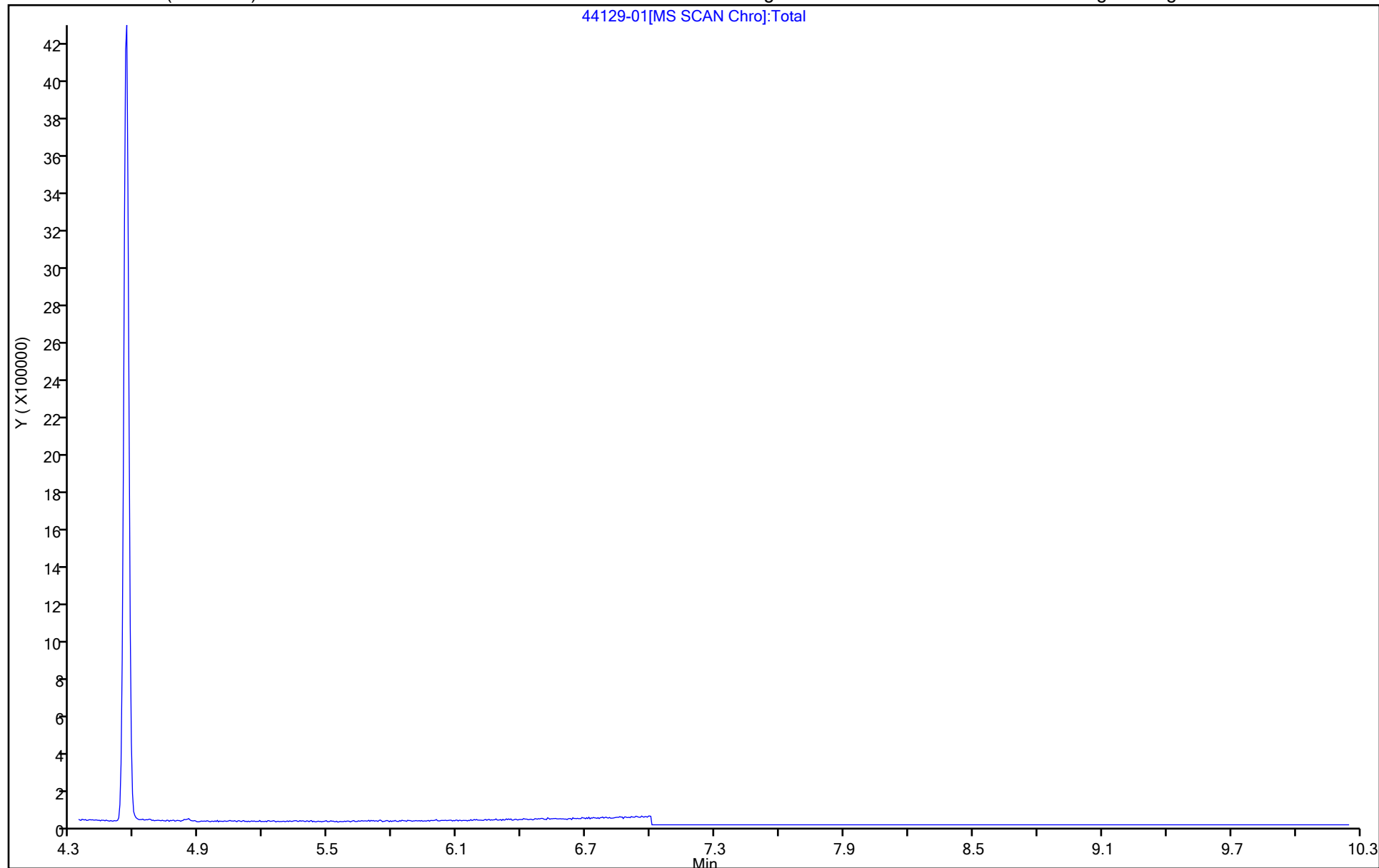
Method: TO15\_MasterMethod\_(v1)\_CHC.i

Limit Group: AI\_TO15\_ICAL

Column: RTX-624 (0.32 mm)

Y Scaling: Method Defined: Scale to the Nth Largest Target: 1

44129-01[MS SCAN Chro]:Total



Eurofins TestAmerica, Burlington  
Target Compound Quantitation Report

Data File: \\chromfs\Burlington\ChromData\CHC.i\20201218-44136.b\44136-01.D  
 Lims ID: bfb  
 Client ID:  
 Sample Type: BFB  
 Inject. Date: 18-Dec-2020 11:10:30 ALS Bottle#: 1 Worklist Smp#: 1  
 Injection Vol: 200.0 mL Dil. Factor: 1.0000  
 Sample Info: 200-0044136-001  
 Misc. Info.: bfb  
 Operator ID: vtp Instrument ID: CHC.i  
 Method: \\chromfs\Burlington\ChromData\CHC.i\20201218-44136.b\TO15\_MasterMethod\_(v1)\_CHC.i.m  
 Limit Group: AI\_TO15\_ICAL  
 Last Update: 18-Dec-2020 11:53:16 Calib Date: 18-Dec-2020 04:03:30  
 Integrator: RTE ID Type: Deconvolution ID  
 Quant Method: Internal Standard Quant By: Initial Calibration  
 Last ICal File: \\chromfs\Burlington\ChromData\CHC.i\20201217-44129.b\44129-14.D  
 Column 1 : RTX-624 ( 0.32 mm) Det: MS SCAN  
 Process Host: CTX1663

First Level Reviewer: phamvu

Date: 18-Dec-2020 11:53:16

| Compound | Sig | RT<br>(min.) | Adj RT<br>(min.) | Dlt RT<br>(min.) | Q | Response | Cal Amt<br>ppb v/v | OnCol Amt<br>ppb v/v | Flags |
|----------|-----|--------------|------------------|------------------|---|----------|--------------------|----------------------|-------|
|----------|-----|--------------|------------------|------------------|---|----------|--------------------|----------------------|-------|

9 BFB

|                           |     |  |        |  |  |  |      |    |
|---------------------------|-----|--|--------|--|--|--|------|----|
| * 40 Chlorobromomethane   | 128 |  | 9.792  |  |  |  | 20.0 | ND |
| * 50 1,4-Difluorobenzene  | 114 |  | 11.767 |  |  |  | 20.0 | ND |
| * 74 Chlorobenzene-d5     | 117 |  | 17.808 |  |  |  | 20.0 | ND |
| * 83 4-Bromofluorobenzene | 95  |  | 20.258 |  |  |  | 20.0 | ND |

**QC Flag Legend**

Processing Flags

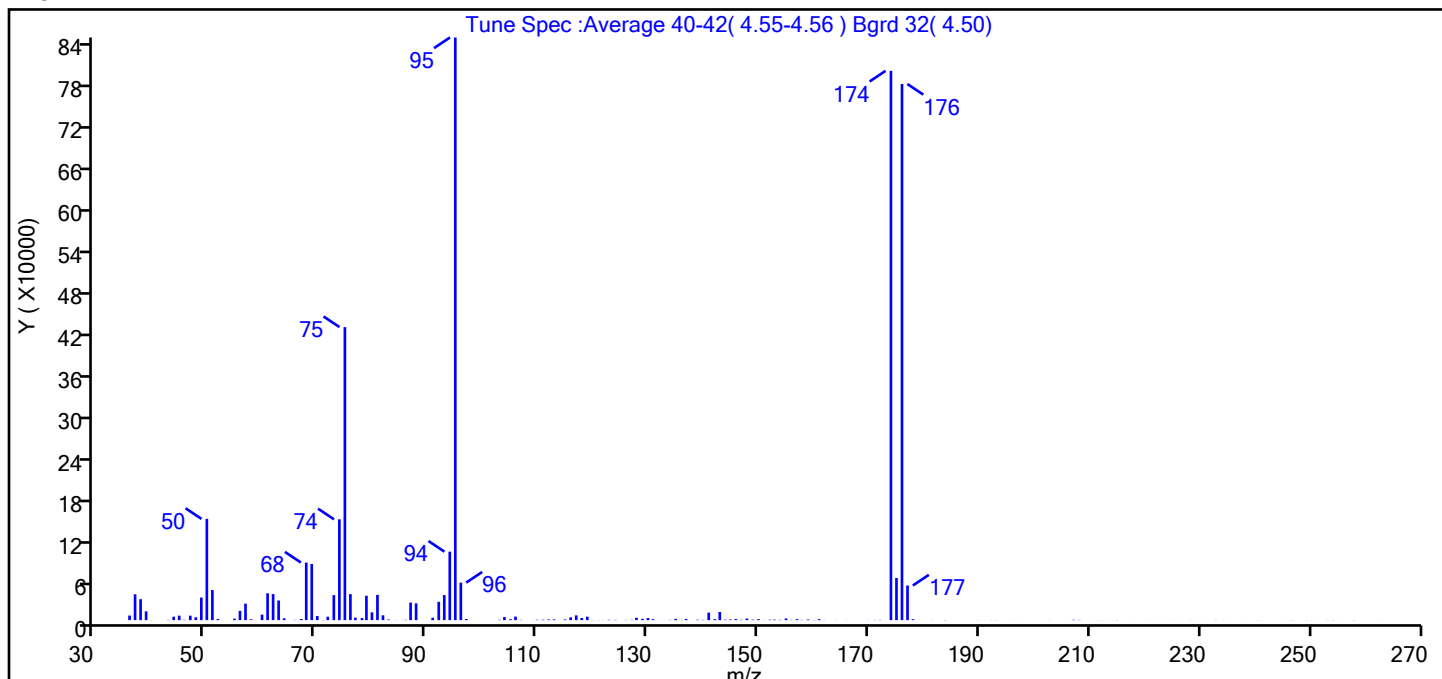
**Reagents:**

ATTO15CISs\_00010                      Amount Added: 40.00                      Units: mL                      Run Reagent

## Eurofins TestAmerica, Burlington

Data File: \\chromfs\Burlington\ChromData\CHC.i\20201218-44136.b\44136-01.D  
Injection Date: 18-Dec-2020 11:10:30 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

## 9 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             | 17.4                 |
| 75  | 30.0 to 66.0 Percent of m/e 95            | 50.3                 |
| 96  | 5.0 to 9.0 Percent of m/e 95              | 6.4                  |
| 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           | 94.3                 |
| 175 | 4.0 to 9.0 Percent of m/e 174             | 7.2 (7.7)            |
| 176 | 93.0 to 101.0 Percent of m/e 174          | 92.0 (97.6)          |
| 177 | 5.0 to 9.0 Percent of m/e 176             | 5.9 (6.5)            |



Data File: \\chromfs\Burlington\ChromData\CHC.i\20201218-44136.b\44136-01.D\TO15\_MasterMethod\_(v1)\_CHC.i  
Injection Date: 18-Dec-2020 11:10:30  
Spectrum: Tune Spec :Average 40-42( 4.55-4.56 ) Bgrd 32( 4.50)  
Base Peak: 95.10  
Minimum % Base Peak: 0  
Number of Points: 166

| m/z   | Y      | m/z    | Y      | m/z    | Y     | m/z    | Y   |
|-------|--------|--------|--------|--------|-------|--------|-----|
| 36.00 | 6644   | 83.00  | 920    | 134.00 | 393   | 191.00 | 43  |
| 37.00 | 37344  | 84.00  | 143    | 135.00 | 1860  | 192.00 | 150 |
| 38.00 | 30288  | 85.00  | 100    | 136.00 | 326   | 193.00 | 171 |
| 39.00 | 12674  | 86.00  | 442    | 137.00 | 1700  | 196.00 | 85  |
| 40.00 | 238    | 87.00  | 25416  | 138.00 | 61    | 197.00 | 63  |
| 43.00 | 347    | 88.00  | 24312  | 139.00 | 639   | 203.00 | 133 |
| 44.00 | 5008   | 91.00  | 3537   | 140.00 | 400   | 206.00 | 52  |
| 45.00 | 6509   | 92.00  | 26568  | 141.00 | 10882 | 207.00 | 574 |
| 46.00 | 509    | 93.00  | 36232  | 142.00 | 1492  | 208.00 | 373 |
| 47.00 | 6457   | 94.00  | 98928  | 143.00 | 11748 | 210.00 | 56  |
| 48.00 | 4147   | 95.00  | 841984 | 144.00 | 666   | 212.00 | 119 |
| 49.00 | 32616  | 96.00  | 54192  | 145.00 | 942   | 212.00 | 104 |
| 50.00 | 146304 | 97.00  | 1701   | 146.00 | 1521  | 213.00 | 61  |
| 51.00 | 43504  | 99.00  | 52     | 147.00 | 455   | 214.00 | 109 |
| 52.00 | 1540   | 103.00 | 484    | 148.00 | 2324  | 215.00 | 179 |
| 55.00 | 2153   | 104.00 | 4466   | 149.00 | 731   | 218.00 | 54  |
| 56.00 | 13355  | 105.00 | 1299   | 150.00 | 1421  | 220.00 | 86  |
| 57.00 | 23872  | 106.00 | 5170   | 151.00 | 132   | 222.00 | 54  |
| 58.00 | 1240   | 107.00 | 389    | 152.00 | 680   | 223.00 | 82  |
| 59.00 | 92     | 109.00 | 67     | 153.00 | 807   | 225.00 | 97  |
| 60.00 | 7978   | 110.00 | 543    | 154.00 | 427   | 226.00 | 55  |
| 61.00 | 38856  | 111.00 | 693    | 155.00 | 2476  | 228.00 | 113 |
| 62.00 | 37664  | 112.00 | 1033   | 156.00 | 313   | 229.00 | 59  |
| 63.00 | 28408  | 113.00 | 1142   | 157.00 | 1440  | 230.00 | 55  |
| 64.00 | 2662   | 115.00 | 1020   | 158.00 | 352   | 233.00 | 191 |
| 66.00 | 323    | 116.00 | 4097   | 159.00 | 1035  | 234.00 | 81  |
| 67.00 | 1597   | 117.00 | 6948   | 160.00 | 216   | 238.00 | 70  |
| 68.00 | 83216  | 118.00 | 3041   | 161.00 | 1458  | 240.00 | 129 |
| 69.00 | 81192  | 119.00 | 4985   | 162.00 | 151   | 241.00 | 54  |
| 70.00 | 5927   | 120.00 | 206    | 164.00 | 115   | 245.00 | 56  |
| 71.00 | 203    | 121.00 | 133    | 166.00 | 96    | 246.00 | 65  |
| 72.00 | 4977   | 122.00 | 124    | 170.00 | 129   | 247.00 | 135 |
| 73.00 | 36168  | 123.00 | 570    | 171.00 | 274   | 249.00 | 127 |

Report Date: 18-Dec-2020 11:53:16

Chrom Revision: 2.3 09-Dec-2020 16:22:14

Data File: \\chromfs\Burlington\ChromData\CHC.i\20201218-44136.b\44136-01.D\TO15\_MasterMethod\_(v1)\_CHC.i

Injection Date: 18-Dec-2020 11:10:30

Spectrum: Tune Spec :Average 40-42( 4.55-4.56 ) Bgrd 32( 4.50)

Base Peak: 95.10

Minimum % Base Peak: 0

Number of Points: 166

| m/z   | Y      | m/z    | Y    | m/z    | Y      | m/z    | Y   |
|-------|--------|--------|------|--------|--------|--------|-----|
| 74.00 | 145664 | 124.00 | 394  | 172.00 | 372    | 250.00 | 113 |
| 75.00 | 423424 | 126.00 | 306  | 174.00 | 793792 | 253.00 | 115 |
| 76.00 | 37616  | 127.00 | 415  | 175.00 | 60904  | 254.00 | 166 |
| 77.00 | 3588   | 128.00 | 3430 | 176.00 | 774784 | 255.00 | 57  |
| 78.00 | 3001   | 129.00 | 1851 | 177.00 | 50056  | 258.00 | 190 |
| 79.00 | 35328  | 130.00 | 3077 | 178.00 | 1357   | 262.00 | 58  |
| 80.00 | 11232  | 131.00 | 1373 | 181.00 | 128    | 263.00 | 50  |
| 81.00 | 36512  | 132.00 | 68   | 184.00 | 204    |        |     |
| 82.00 | 7008   | 133.00 | 85   | 190.00 | 131    |        |     |

Report Date: 18-Dec-2020 11:53:16

Chrom Revision: 2.3 09-Dec-2020 16:22:14

Eurofins TestAmerica, Burlington

Data File: \\chromfs\Burlington\ChromData\CHC.i\20201218-44136.b\44136-01.D

Injection Date: 18-Dec-2020 11:10:30

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

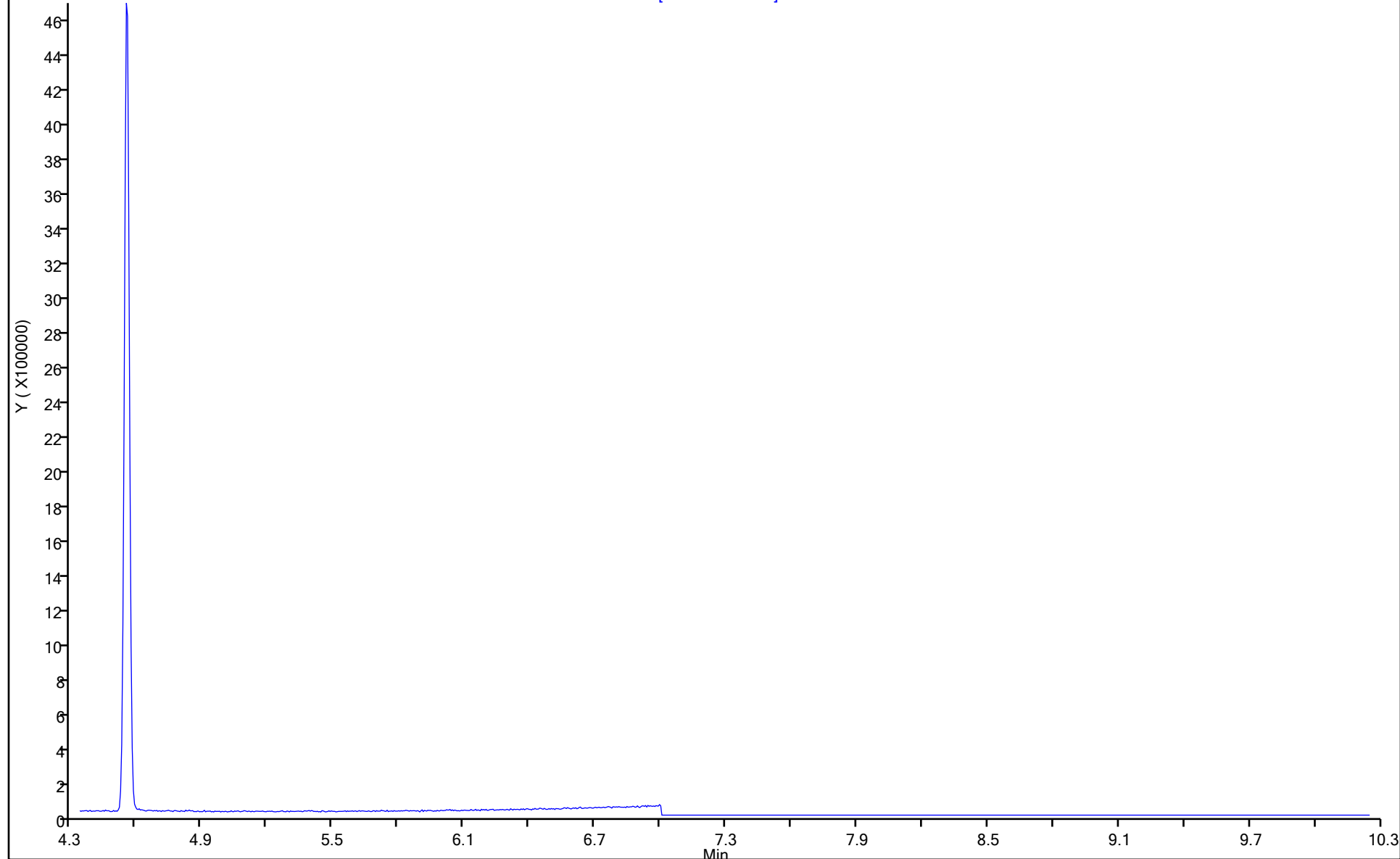
Method: TO15\_MasterMethod\_(v1)\_CHC.i

Limit Group: AI\_TO15\_ICAL

Column: RTX-624 (0.32 mm)

Y Scaling: Method Defined: Scale to the Nth Largest Target: 1

44136-01[MS SCAN Chro]:Total



Eurofins TestAmerica, Burlington  
Target Compound Quantitation Report

Data File: \\chromfs\Burlington\ChromData\CHG.i\20201209-43976.b\200-43976-001.D  
 Lims ID: bfb  
 Client ID:  
 Sample Type: BFB  
 Inject. Date: 09-Dec-2020 10:43:30 ALS Bottle#: 1 Worklist Smp#: 1  
 Injection Vol: 200.0 mL Dil. Factor: 1.0000  
 Sample Info: 200-0043976-001  
 Misc. Info.: bfb  
 Operator ID: ggg Instrument ID: CHG.i  
 Method: \\chromfs\Burlington\ChromData\CHG.i\20201209-43976.b\TO15\_MasterMethod\_(v1)\_G.m  
 Limit Group: AI\_TO15\_ICAL  
 Last Update: 10-Dec-2020 08:37:59 Calib Date: 09-Dec-2020 17:31:30  
 Integrator: RTE ID Type: Deconvolution ID  
 Quant Method: Internal Standard Quant By: Initial Calibration  
 Last ICal File: \\chromfs\Burlington\ChromData\CHG.i\20201209-43976.b\200-43976-009.D  
 Column 1 : RTX-624 ( 0.32 mm) Det: MS SCAN  
 Process Host: CTX1637

First Level Reviewer: phamvu

Date: 09-Dec-2020 18:46:58

| Compound | Sig | RT<br>(min.) | Adj RT<br>(min.) | Dlt RT<br>(min.) | Q | Response | Cal Amt<br>ppb v/v | OnCol Amt<br>ppb v/v | Flags |
|----------|-----|--------------|------------------|------------------|---|----------|--------------------|----------------------|-------|
|----------|-----|--------------|------------------|------------------|---|----------|--------------------|----------------------|-------|

9 BFB

|                          |     |        |  |  |  |  |      |    |
|--------------------------|-----|--------|--|--|--|--|------|----|
| * 40 Chlorobromomethane  | 128 | 9.046  |  |  |  |  | 10.0 | ND |
| * 50 1,4-Difluorobenzene | 114 | 11.020 |  |  |  |  | 10.0 | ND |
| * 74 Chlorobenzene-d5    | 117 | 16.979 |  |  |  |  | 10.0 | ND |

## QC Flag Legend

Processing Flags

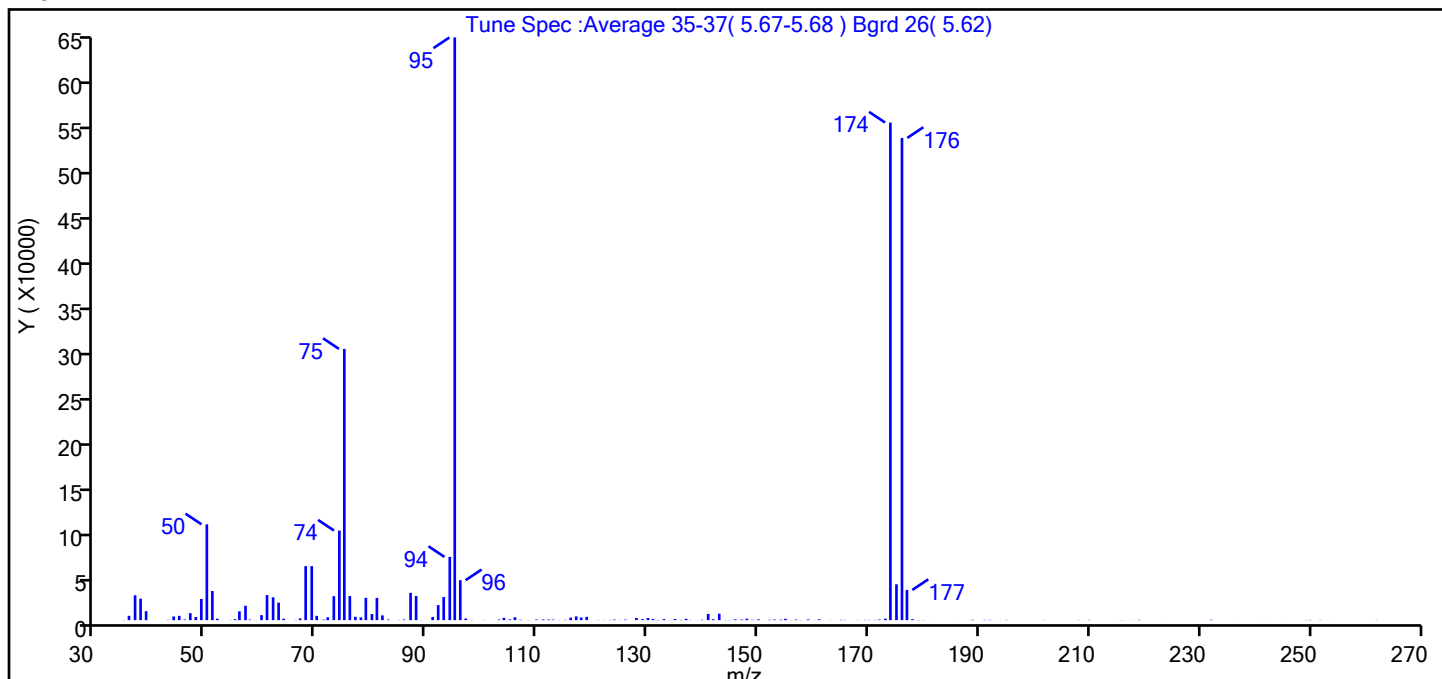
## Reagents:

|                 |                     |           |             |
|-----------------|---------------------|-----------|-------------|
| ATTO15GIS_00017 | Amount Added: 20.00 | Units: mL | Run Reagent |
|-----------------|---------------------|-----------|-------------|

## Eurofins TestAmerica, Burlington

Data File: \\chromfs\Burlington\ChromData\CHG.i\20201209-43976.b\200-43976-001.D  
Injection Date: 09-Dec-2020 10:43:30 Instrument ID: CHG.i  
Lims ID: bfb  
Client ID:  
Operator ID: ggg ALS Bottle#: 1 Worklist Smp#: 1  
Injection Vol: 200.0 mL Dil. Factor: 1.0000  
Method: TO15\_MasterMethod\_(v1)\_G Limit Group: AI\_TO15\_ICAL  
Tune Method: BFB Method TO-15

## 9 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             | 16.4                 |
| 75  | 30.0 to 66.0 Percent of m/e 95            | 46.5                 |
| 96  | 5.0 to 9.0 Percent of m/e 95              | 6.9                  |
| 173 | Less than 2.0 Percent of m/e 174          | 0.3 (0.3)            |
| 174 | 50.0 to 120.0 Percent of m/e 95           | 85.4                 |
| 175 | 4.0 to 9.0 Percent of m/e 174             | 6.2 (7.2)            |
| 176 | 93.0 to 101.0 Percent of m/e 174          | 82.8 (96.9)          |
| 177 | 5.0 to 9.0 Percent of m/e 176             | 5.2 (6.3)            |

Data File: \\chromfs\Burlington\ChromData\CHG.i\20201209-43976.b\200-43976-001.D\TO15\_MasterMethod\_(v1)\_C  
Injection Date: 09-Dec-2020 10:43:30  
Spectrum: Tune Spec :Average 35-37( 5.67-5.68 ) Bgrd 26( 5.62)  
Base Peak: 95.00  
Minimum % Base Peak: 0  
Number of Points: 157

| m/z   | Y      | m/z    | Y      | m/z    | Y    | m/z    | Y      |
|-------|--------|--------|--------|--------|------|--------|--------|
| 35.00 | 216    | 79.00  | 24752  | 126.00 | 565  | 170.00 | 274    |
| 36.00 | 4785   | 80.00  | 6774   | 127.00 | 31   | 171.00 | 257    |
| 37.00 | 27600  | 81.00  | 24736  | 128.00 | 2428 | 172.00 | 698    |
| 38.00 | 23824  | 82.00  | 5284   | 129.00 | 1102 | 173.00 | 1625   |
| 39.00 | 9958   | 83.00  | 689    | 130.00 | 2403 | 174.00 | 552640 |
| 43.00 | 333    | 85.00  | 232    | 131.00 | 1327 | 175.00 | 39840  |
| 44.00 | 4096   | 86.00  | 671    | 132.00 | 252  | 176.00 | 535552 |
| 45.00 | 4811   | 87.00  | 30304  | 133.00 | 1176 | 177.00 | 33512  |
| 46.00 | 716    | 88.00  | 26784  | 134.00 | 129  | 178.00 | 1056   |
| 47.00 | 7791   | 89.00  | 146    | 135.00 | 1224 | 179.00 | 122    |
| 48.00 | 3481   | 91.00  | 3493   | 136.00 | 373  | 180.00 | 165    |
| 49.00 | 23536  | 92.00  | 16712  | 137.00 | 1496 | 182.00 | 59     |
| 50.00 | 106408 | 93.00  | 25624  | 138.00 | 192  | 186.00 | 51     |
| 51.00 | 32344  | 94.00  | 70200  | 139.00 | 75   | 188.00 | 79     |
| 52.00 | 1562   | 95.00  | 647104 | 140.00 | 478  | 189.00 | 457    |
| 53.00 | 55     | 96.00  | 44352  | 141.00 | 6941 | 191.00 | 350    |
| 54.00 | 176    | 97.00  | 1795   | 142.00 | 1024 | 192.00 | 336    |
| 55.00 | 1044   | 98.00  | 156    | 143.00 | 7164 | 194.00 | 152    |
| 56.00 | 9787   | 100.00 | 152    | 144.00 | 210  | 195.00 | 284    |
| 57.00 | 15989  | 103.00 | 653    | 145.00 | 276  | 202.00 | 191    |
| 58.00 | 582    | 104.00 | 2591   | 146.00 | 902  | 208.00 | 169    |
| 59.00 | 113    | 105.00 | 831    | 147.00 | 655  | 210.00 | 297    |
| 60.00 | 5536   | 106.00 | 3213   | 148.00 | 1614 | 215.00 | 83     |
| 61.00 | 27856  | 107.00 | 461    | 149.00 | 428  | 216.00 | 165    |
| 62.00 | 25376  | 108.00 | 146    | 150.00 | 886  | 218.00 | 103    |
| 63.00 | 19432  | 110.00 | 666    | 152.00 | 422  | 219.00 | 310    |
| 64.00 | 1578   | 111.00 | 766    | 153.00 | 666  | 223.00 | 50     |
| 66.00 | 218    | 112.00 | 703    | 154.00 | 575  | 232.00 | 471    |
| 67.00 | 1935   | 113.00 | 625    | 155.00 | 1516 | 237.00 | 61     |
| 68.00 | 59968  | 114.00 | 133    | 156.00 | 194  | 240.00 | 55     |
| 69.00 | 60000  | 115.00 | 352    | 157.00 | 712  | 242.00 | 58     |
| 70.00 | 4764   | 116.00 | 2831   | 158.00 | 151  | 245.00 | 57     |
| 71.00 | 569    | 117.00 | 4178   | 159.00 | 869  | 249.00 | 175    |

Report Date: 10-Dec-2020 08:38:00

Chrom Revision: 2.3 12-Nov-2020 21:52:08

Data File: \\chromfs\Burlington\ChromData\CHG.i\20201209-43976.b\200-43976-001.D\TO15\_MasterMethod\_(v1)\_C

Injection Date: 09-Dec-2020 10:43:30

Spectrum: Tune Spec :Average 35-37( 5.67-5.68 ) Bgrd 26( 5.62)

Base Peak: 95.00

Minimum % Base Peak: 0

Number of Points: 157

| m/z   | Y      | m/z    | Y    | m/z    | Y   | m/z    | Y   |
|-------|--------|--------|------|--------|-----|--------|-----|
| 72.00 | 3166   | 118.00 | 2965 | 160.00 | 116 | 250.00 | 293 |
| 73.00 | 26632  | 119.00 | 3648 | 161.00 | 963 | 252.00 | 227 |
| 74.00 | 99480  | 121.00 | 196  | 163.00 | 138 | 253.00 | 50  |
| 75.00 | 301184 | 122.00 | 149  | 165.00 | 378 | 262.00 | 167 |
| 76.00 | 26760  | 123.00 | 240  | 166.00 | 219 |        |     |
| 77.00 | 3734   | 124.00 | 613  | 168.00 | 176 |        |     |
| 78.00 | 3026   | 125.00 | 137  | 169.00 | 258 |        |     |

Report Date: 10-Dec-2020 08:38:00

Chrom Revision: 2.3 12-Nov-2020 21:52:08

Eurofins TestAmerica, Burlington

Data File: \\chromfs\Burlington\ChromData\CHG.i\20201209-43976.b\200-43976-001.D

Injection Date: 09-Dec-2020 10:43:30

Instrument ID: CHG.i

Operator ID: ggg

Lims ID: bfb

Worklist Smp#: 1

Client ID:

Injection Vol: 200.0 mL

Dil. Factor: 1.0000

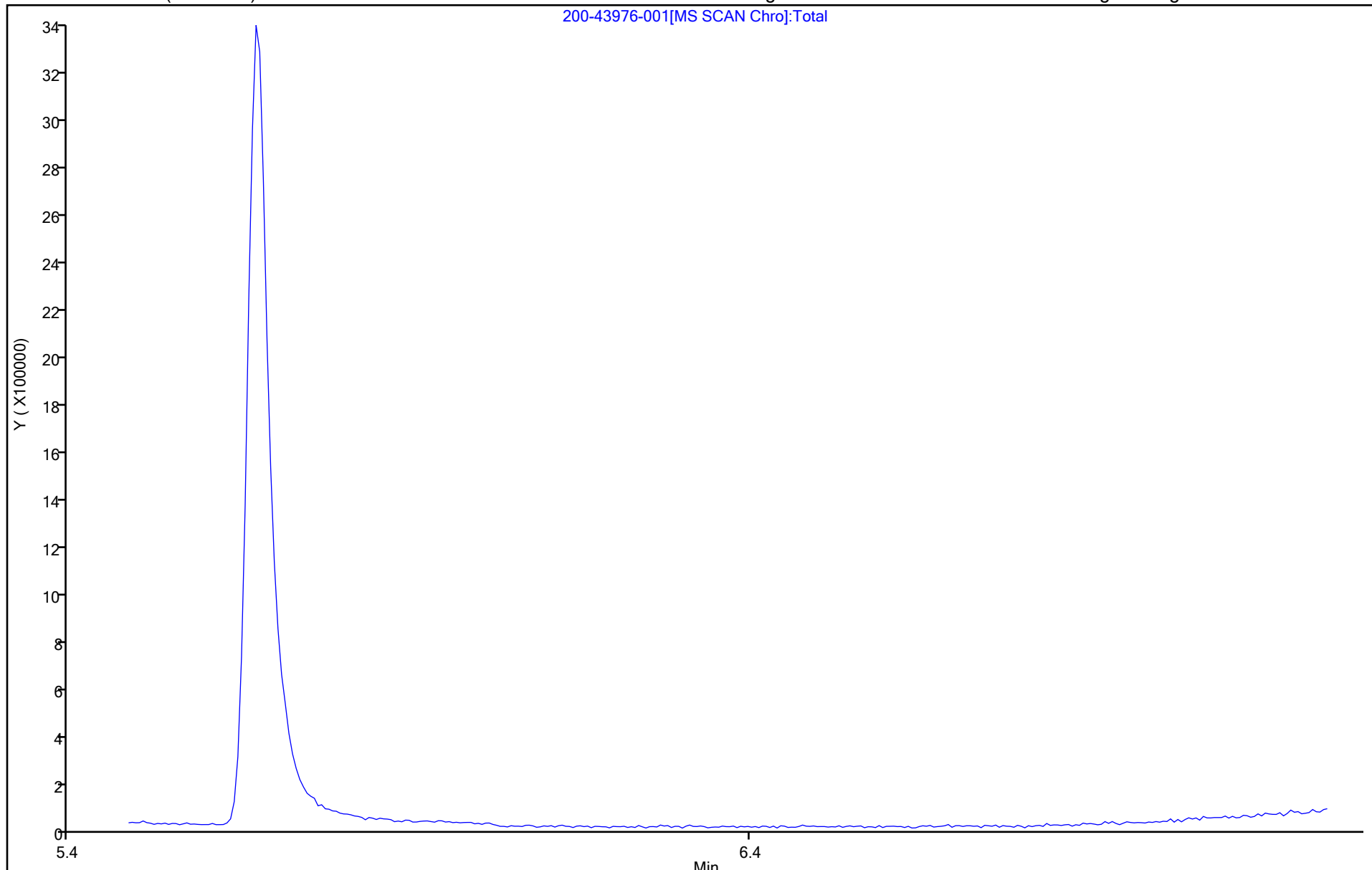
ALS Bottle#: 1

Method: TO15\_MasterMethod\_(v1)\_G

Limit Group: AI\_TO15\_ICAL

Column: RTX-624 (0.32 mm)

Y Scaling: Method Defined: Scale to the Nth Largest Target: 1





Eurofins TestAmerica, Burlington  
Target Compound Quantitation Report

Data File: \\chromfs\Burlington\ChromData\CHG.i\20201221-44158.b\200-44158-001.D  
 Lims ID: bfb  
 Client ID:  
 Sample Type: BFB  
 Inject. Date: 21-Dec-2020 07:32:30 ALS Bottle#: 1 Worklist Smp#: 1  
 Injection Vol: 200.0 mL Dil. Factor: 1.0000  
 Sample Info: 200-0044158-001  
 Misc. Info.: bfb  
 Operator ID: ggg Instrument ID: CHG.i  
 Method: \\chromfs\Burlington\ChromData\CHG.i\20201221-44158.b\TO15\_MasterMethod\_(v1)\_G.m  
 Limit Group: AI\_TO15\_ICAL  
 Last Update: 21-Dec-2020 10:58:06 Calib Date: 09-Dec-2020 17:31:30  
 Integrator: RTE ID Type: Deconvolution ID  
 Quant Method: Internal Standard Quant By: Initial Calibration  
 Last ICal File: \\chromfs\Burlington\ChromData\CHG.i\20201209-43976.b\200-43976-009.D  
 Column 1 : RTX-624 ( 0.32 mm) Det: MS SCAN  
 Process Host: CTX1681

First Level Reviewer: bourdeaut

Date: 21-Dec-2020 10:58:06

| Compound                 | Sig | RT<br>(min.) | Adj RT<br>(min.) | Dlt RT<br>(min.) | Q | Response | Cal Amt<br>ppb v/v | OnCol Amt<br>ppb v/v | Flags |
|--------------------------|-----|--------------|------------------|------------------|---|----------|--------------------|----------------------|-------|
| 9 BFB                    |     |              |                  |                  |   |          |                    |                      |       |
| * 40 Chlorobromomethane  | 128 |              | 9.029            |                  |   |          | 10.0               | ND                   |       |
| * 50 1,4-Difluorobenzene | 114 |              | 11.003           |                  |   |          | 10.0               | ND                   |       |
| * 74 Chlorobenzene-d5    | 117 |              | 16.968           |                  |   |          | 10.0               | ND                   |       |

## QC Flag Legend

Processing Flags

## Reagents:

ATTO15GIS\_00017

Amount Added: 20.00

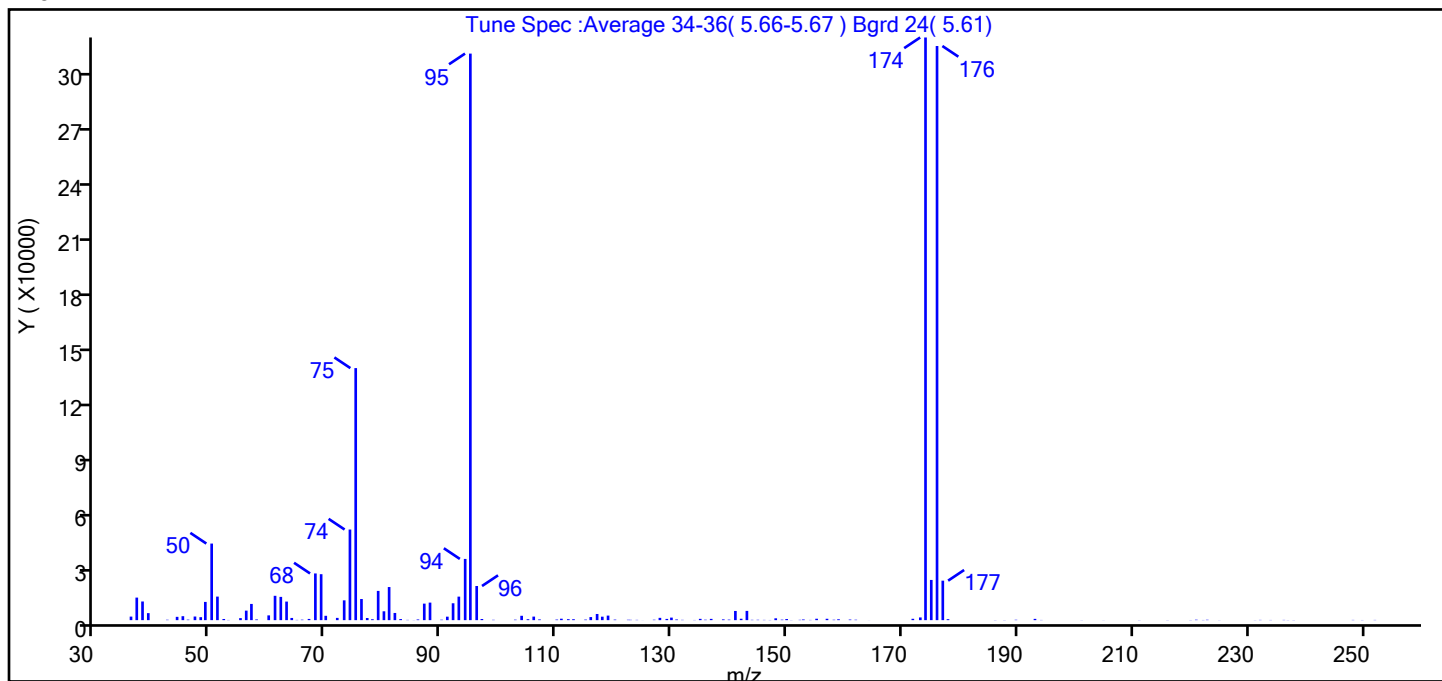
Units: mL

Run Reagent

## Eurofins TestAmerica, Burlington

Data File: \\chromfs\Burlington\ChromData\CHG.i\20201221-44158.b\200-44158-001.D  
Injection Date: 21-Dec-2020 07:32:30 Instrument ID: CHG.i  
Lims ID: bfb  
Client ID:  
Operator ID: ggg ALS Bottle#: 1 Worklist Smp#: 1  
Injection Vol: 200.0 mL Dil. Factor: 1.0000  
Method: TO15\_MasterMethod\_(v1)\_G Limit Group: AI\_TO15\_ICAL  
Tune Method: BFB Method TO-15

9 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             | 13.5                 |
| 75  | 30.0 to 66.0 Percent of m/e 95            | 44.5                 |
| 96  | 5.0 to 9.0 Percent of m/e 95              | 6.0                  |
| 173 | Less than 2.0 Percent of m/e 174          | 0.5 (0.5)            |
| 174 | 50.0 to 120.0 Percent of m/e 95           | 102.8                |
| 175 | 4.0 to 9.0 Percent of m/e 174             | 7.1 (6.9)            |
| 176 | 93.0 to 101.0 Percent of m/e 174          | 101.3 (98.5)         |
| 177 | 5.0 to 9.0 Percent of m/e 176             | 7.0 (6.9)            |

Data File: \\chromfs\Burlington\ChromData\CHG.i\20201221-44158.b\200-44158-001.D\TO15\_MasterMethod\_(v1)\_C  
Injection Date: 21-Dec-2020 07:32:30  
Spectrum: Tune Spec :Average 34-36( 5.66-5.67 ) Bgrd 24( 5.61)  
Base Peak: 174.00  
Minimum % Base Peak: 0  
Number of Points: 139

| m/z   | Y     | m/z    | Y      | m/z    | Y    | m/z    | Y      |
|-------|-------|--------|--------|--------|------|--------|--------|
| 36.00 | 1916  | 76.00  | 11406  | 119.00 | 2456 | 159.00 | 471    |
| 37.00 | 12171 | 77.00  | 1149   | 120.00 | 293  | 161.00 | 323    |
| 38.00 | 10072 | 78.00  | 494    | 122.00 | 212  | 162.00 | 225    |
| 39.00 | 3786  | 79.00  | 15783  | 123.00 | 173  | 164.00 | 27     |
| 41.00 | 2     | 80.00  | 4783   | 124.00 | 149  | 172.00 | 730    |
| 42.00 | 213   | 81.00  | 17872  | 125.00 | 24   | 173.00 | 1459   |
| 44.00 | 1782  | 82.00  | 3877   | 127.00 | 231  | 174.00 | 314560 |
| 45.00 | 2130  | 83.00  | 583    | 128.00 | 1235 | 175.00 | 21704  |
| 46.00 | 274   | 84.00  | 138    | 129.00 | 661  | 176.00 | 309952 |
| 47.00 | 1954  | 85.00  | 51     | 130.00 | 1374 | 177.00 | 21312  |
| 48.00 | 1605  | 86.00  | 371    | 131.00 | 369  | 178.00 | 519    |
| 49.00 | 9843  | 87.00  | 8916   | 132.00 | 157  | 186.00 | 75     |
| 50.00 | 41344 | 88.00  | 9466   | 134.00 | 95   | 188.00 | 74     |
| 51.00 | 12712 | 90.00  | 233    | 135.00 | 697  | 190.00 | 206    |
| 52.00 | 623   | 91.00  | 1874   | 136.00 | 232  | 193.00 | 689    |
| 53.00 | 98    | 92.00  | 9110   | 137.00 | 682  | 194.00 | 104    |
| 55.00 | 1090  | 93.00  | 12694  | 139.00 | 409  | 201.00 | 57     |
| 56.00 | 5134  | 94.00  | 33048  | 140.00 | 289  | 205.00 | 39     |
| 57.00 | 8750  | 95.00  | 305856 | 141.00 | 4959 | 211.00 | 74     |
| 58.00 | 381   | 96.00  | 18432  | 142.00 | 753  | 216.00 | 68     |
| 60.00 | 2570  | 97.00  | 614    | 143.00 | 4992 | 220.00 | 81     |
| 61.00 | 13137 | 99.00  | 177    | 144.00 | 174  | 221.00 | 239    |
| 62.00 | 12556 | 103.00 | 256    | 145.00 | 200  | 222.00 | 92     |
| 63.00 | 10025 | 104.00 | 2351   | 146.00 | 138  | 223.00 | 209    |
| 64.00 | 1186  | 105.00 | 497    | 147.00 | 90   | 225.00 | 54     |
| 65.00 | 125   | 106.00 | 1912   | 148.00 | 987  | 231.00 | 56     |
| 66.00 | 251   | 107.00 | 388    | 149.00 | 263  | 232.00 | 134    |
| 67.00 | 650   | 110.00 | 311    | 150.00 | 595  | 234.00 | 99     |
| 68.00 | 25208 | 111.00 | 777    | 151.00 | 59   | 236.00 | 130    |
| 69.00 | 24808 | 112.00 | 519    | 152.00 | 172  | 237.00 | 66     |
| 70.00 | 2343  | 113.00 | 500    | 153.00 | 360  | 238.00 | 71     |
| 72.00 | 1216  | 115.00 | 302    | 154.00 | 119  | 248.00 | 125    |
| 73.00 | 10691 | 116.00 | 1661   | 155.00 | 756  | 250.00 | 83     |

Report Date: 21-Dec-2020 10:58:06

Chrom Revision: 2.3 09-Dec-2020 16:22:14

Data File: \\chromfs\Burlington\ChromData\CHG.i\20201221-44158.b\200-44158-001.D\TO15\_MasterMethod\_(v1)\_

Injection Date: 21-Dec-2020 07:32:30

Spectrum: Tune Spec :Average 34-36( 5.66-5.67 ) Bgrd 24( 5.61)

Base Peak: 174.00

Minimum % Base Peak: 0

Number of Points: 139

| m/z   | Y      | m/z    | Y    | m/z    | Y   | m/z    | Y   |
|-------|--------|--------|------|--------|-----|--------|-----|
| 74.00 | 48920  | 117.00 | 3328 | 157.00 | 735 | 252.00 | 119 |
| 75.00 | 136064 | 118.00 | 1867 | 158.00 | 221 |        |     |

Report Date: 21-Dec-2020 10:58:06

Chrom Revision: 2.3 09-Dec-2020 16:22:14

Eurofins TestAmerica, Burlington

Data File: \\chromfs\Burlington\ChromData\CHG.i\20201221-44158.b\200-44158-001.D

Injection Date: 21-Dec-2020 07:32:30

Instrument ID: CHG.i

Operator ID: ggg

Lims ID: bfb

Worklist Smp#: 1

Client ID:

Injection Vol: 200.0 mL

Dil. Factor: 1.0000

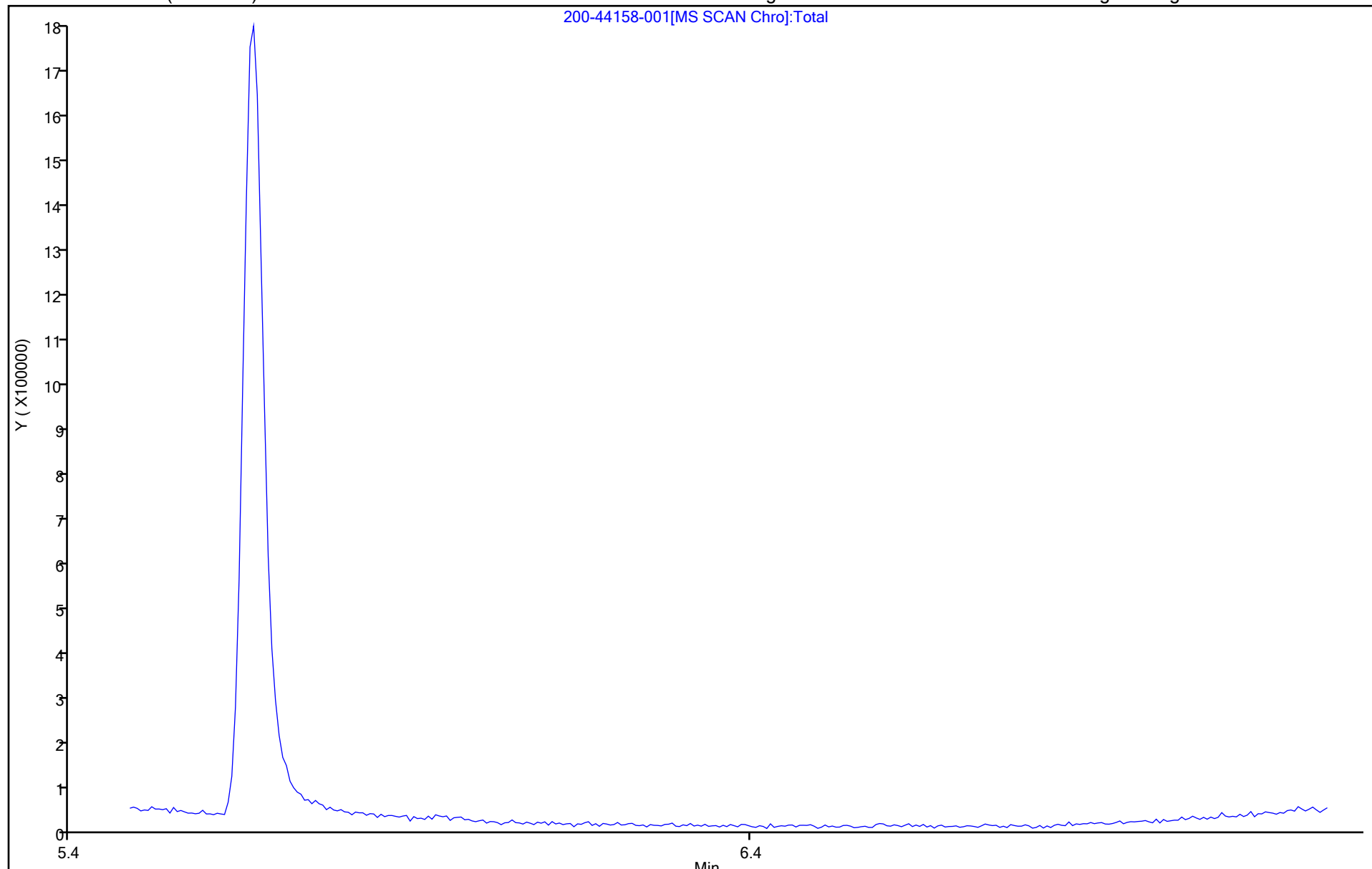
ALS Bottle#: 1

Method: TO15\_MasterMethod\_(v1)\_G

Limit Group: AI\_TO15\_ICAL

Column: RTX-624 (0.32 mm)

Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



Eurofins TestAmerica, Burlington  
Target Compound Quantitation Report

Data File: \\chromfs\Burlington\ChromData\CHW.i\20201210-44014.b\44014-001.d  
 Lims ID: bfb  
 Client ID:  
 Sample Type: BFB  
 Inject. Date: 10-Dec-2020 15:43:30 ALS Bottle#: 1 Worklist Smp#: 1  
 Injection Vol: 200.0 mL Dil. Factor: 1.0000  
 Sample Info: 200-0044014-001  
 Misc. Info.: bfb  
 Operator ID: ggg Instrument ID: CHW.i  
 Method: \\chromfs\Burlington\ChromData\CHW.i\20201210-44014.b\TO15\_TO3\_MasterMethod\_W.m  
 Limit Group: AI\_TO15\_ICAL  
 Last Update: 11-Dec-2020 10:14:14 Calib Date: 11-Dec-2020 05:25:30  
 Integrator: RTE ID Type: Deconvolution ID  
 Quant Method: Internal Standard Quant By: Initial Calibration  
 Last ICal File: \\chromfs\Burlington\ChromData\CHW.i\20201210-44014.b\44014-016.d  
 Column 1 : RTX-624 ( 0.32 mm) Det: MS SCAN  
 Process Host: CTX1657

| Compound | Sig | RT<br>(min.) | Adj RT<br>(min.) | Dlt RT<br>(min.) | Q | Response | Cal Amt<br>ppb v/v | OnCol Amt<br>ppb v/v | Flags |
|----------|-----|--------------|------------------|------------------|---|----------|--------------------|----------------------|-------|
|----------|-----|--------------|------------------|------------------|---|----------|--------------------|----------------------|-------|

10 BFB

|                          |     |        |  |  |  |      |    |
|--------------------------|-----|--------|--|--|--|------|----|
| * 39 Chlorobromomethane  | 128 | 11.418 |  |  |  | 10.0 | ND |
| * 50 1,4-Difluorobenzene | 114 | 13.285 |  |  |  | 10.0 | ND |
| * 70 Chlorobenzene-d5    | 117 | 18.795 |  |  |  | 10.0 | ND |

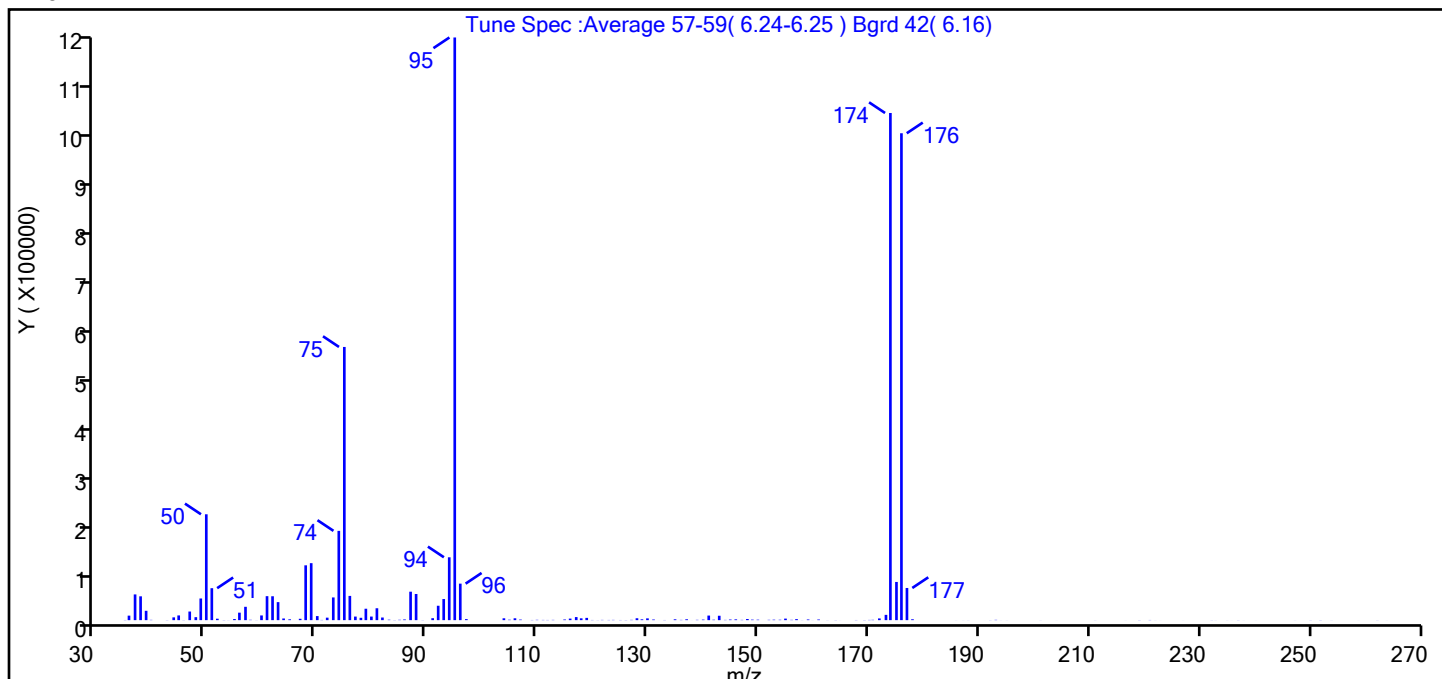
**Reagents:**

ATTO15WISs\_00009 Amount Added: 20.00 Units: mL Run Reagent

## Eurofins TestAmerica, Burlington

Data File: \\chromfs\Burlington\ChromData\CHW.i\20201210-44014.b\44014-001.d  
Injection Date: 10-Dec-2020 15:43:30 Instrument ID: CHW.i  
Lims ID: bfb  
Client ID:  
Operator ID: ggg ALS Bottle#: 1 Worklist Smp#: 1  
Injection Vol: 200.0 mL Dil. Factor: 1.0000  
Method: TO15\_TO3\_MasterMethod\_W Limit Group: AI\_TO15\_ICAL  
Tune Method: BFB Method TO-15

## 10 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             | 18.2                 |
| 75  | 30.0 to 66.0 Percent of m/e 95            | 46.9                 |
| 96  | 5.0 to 9.0 Percent of m/e 95              | 6.3                  |
| 173 | Less than 2.0 Percent of m/e 174          | 0.9 (1.0)            |
| 174 | 50.0 to 120.0 Percent of m/e 95           | 87.0                 |
| 175 | 4.0 to 9.0 Percent of m/e 174             | 6.6 (7.5)            |
| 176 | 93.0 to 101.0 Percent of m/e 174          | 83.6 (96.0)          |
| 177 | 5.0 to 9.0 Percent of m/e 176             | 5.5 (6.6)            |

Data File: \\chromfs\Burlington\ChromData\CHW.i\20201210-44014.b\44014-001.d\TO15\_TO3\_MasterMethod\_W.rs  
Injection Date: 10-Dec-2020 15:43:30  
Spectrum: Tune Spec :Average 57-59( 6.24-6.25 ) Bgrd 42( 6.16)  
Base Peak: 95.00  
Minimum % Base Peak: 0  
Number of Points: 159

| m/z   | Y      | m/z    | Y       | m/z    | Y    | m/z    | Y       |
|-------|--------|--------|---------|--------|------|--------|---------|
| 35.00 | 313    | 78.00  | 4706    | 127.00 | 577  | 172.00 | 3438    |
| 36.00 | 9030   | 79.00  | 22864   | 128.00 | 3775 | 173.00 | 10575   |
| 37.00 | 51544  | 80.00  | 7181    | 129.00 | 1630 | 174.00 | 1016064 |
| 38.00 | 47728  | 81.00  | 23824   | 130.00 | 3555 | 175.00 | 76520   |
| 39.00 | 18712  | 82.00  | 5271    | 131.00 | 1268 | 176.00 | 975488  |
| 40.00 | 560    | 83.00  | 888     | 132.00 | 34   | 177.00 | 64440   |
| 43.00 | 243    | 84.00  | 254     | 133.00 | 321  | 178.00 | 1739    |
| 44.00 | 5570   | 85.00  | 712     | 135.00 | 1670 | 186.00 | 84      |
| 45.00 | 9443   | 86.00  | 1373    | 136.00 | 497  | 187.00 | 68      |
| 46.00 | 220    | 87.00  | 56992   | 137.00 | 1741 | 188.00 | 110     |
| 47.00 | 17256  | 88.00  | 52384   | 138.00 | 58   | 191.00 | 27      |
| 48.00 | 5971   | 89.00  | 204     | 139.00 | 620  | 192.00 | 176     |
| 49.00 | 43400  | 91.00  | 3920    | 140.00 | 1093 | 193.00 | 595     |
| 50.00 | 212096 | 92.00  | 28848   | 141.00 | 9164 | 194.00 | 80      |
| 51.00 | 64024  | 93.00  | 42280   | 142.00 | 870  | 195.00 | 87      |
| 52.00 | 2866   | 94.00  | 125944  | 143.00 | 8794 | 201.00 | 112     |
| 53.00 | 276    | 95.00  | 1167360 | 144.00 | 492  | 204.00 | 53      |
| 54.00 | 133    | 96.00  | 73144   | 145.00 | 1240 | 211.00 | 119     |
| 55.00 | 2242   | 97.00  | 2067    | 146.00 | 1560 | 216.00 | 68      |
| 56.00 | 14994  | 104.00 | 3705    | 147.00 | 521  | 219.00 | 256     |
| 57.00 | 26728  | 105.00 | 869     | 148.00 | 2268 | 221.00 | 360     |
| 58.00 | 682    | 106.00 | 3731    | 149.00 | 1026 | 222.00 | 88      |
| 59.00 | 144    | 107.00 | 1137    | 150.00 | 940  | 223.00 | 54      |
| 60.00 | 9411   | 109.00 | 338     | 152.00 | 647  | 227.00 | 52      |
| 61.00 | 48048  | 110.00 | 642     | 153.00 | 925  | 232.00 | 169     |
| 62.00 | 47856  | 111.00 | 442     | 154.00 | 804  | 233.00 | 99      |
| 63.00 | 36104  | 112.00 | 376     | 155.00 | 3080 | 235.00 | 89      |
| 64.00 | 3323   | 113.00 | 528     | 156.00 | 605  | 236.00 | 51      |
| 65.00 | 1659   | 115.00 | 1298    | 157.00 | 2027 | 237.00 | 201     |
| 67.00 | 2719   | 116.00 | 3117    | 158.00 | 128  | 238.00 | 58      |
| 68.00 | 109824 | 117.00 | 6133    | 159.00 | 1340 | 240.00 | 57      |
| 69.00 | 114160 | 118.00 | 3648    | 160.00 | 84   | 247.00 | 83      |
| 70.00 | 8145   | 119.00 | 4529    | 161.00 | 1273 | 250.00 | 177     |



Report Date: 11-Dec-2020 10:14:14

Chrom Revision: 2.3 12-Nov-2020 21:52:08

Data File: \\chromfs\Burlington\ChromData\CHW.i\20201210-44014.b\44014-001.d\TO15\_TO3\_MasterMethod\_W.rs

Injection Date: 10-Dec-2020 15:43:30

Spectrum: Tune Spec :Average 57-59( 6.24-6.25 ) Bgrd 42( 6.16)

Base Peak: 95.00

Minimum % Base Peak: 0

Number of Points: 159

| m/z   | Y      | m/z    | Y   | m/z    | Y   | m/z    | Y   |
|-------|--------|--------|-----|--------|-----|--------|-----|
| 71.00 | 396    | 120.00 | 354 | 162.00 | 128 | 252.00 | 238 |
| 72.00 | 4976   | 121.00 | 165 | 164.00 | 217 | 254.00 | 109 |
| 73.00 | 45488  | 122.00 | 490 | 165.00 | 67  | 259.00 | 50  |
| 74.00 | 178880 | 123.00 | 388 | 168.00 | 305 | 261.00 | 12  |
| 75.00 | 547328 | 124.00 | 502 | 169.00 | 272 | 262.00 | 158 |
| 76.00 | 48552  | 125.00 | 323 | 170.00 | 448 | 264.00 | 59  |
| 77.00 | 7161   | 126.00 | 266 | 171.00 | 619 |        |     |

Report Date: 11-Dec-2020 10:14:14

Chrom Revision: 2.3 12-Nov-2020 21:52:08

Eurofins TestAmerica, Burlington

Data File: \\chromfs\Burlington\ChromData\CHW.i\20201210-44014.b\44014-001.d

Injection Date: 10-Dec-2020 15:43:30

Instrument ID: CHW.i

Operator ID: ggg

Lims ID: bfb

Worklist Smp#: 1

Client ID:

Injection Vol: 200.0 mL

Dil. Factor: 1.0000

ALS Bottle#: 1

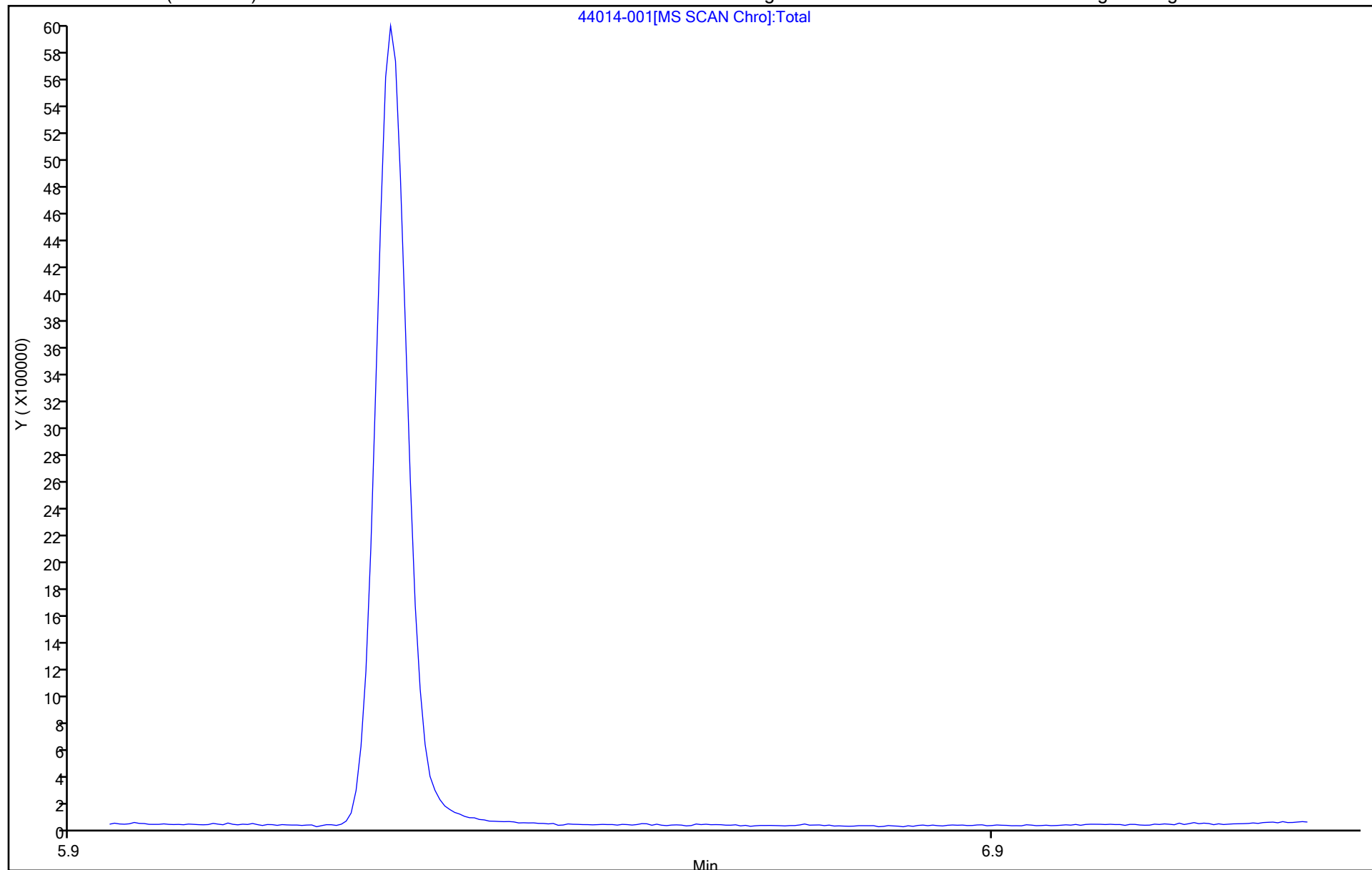
Method: TO15\_TO3\_MasterMethod\_W

Limit Group: AI\_TO15\_ICAL

Column: RTX-624 ( 0.32 mm)

Y Scaling: Method Defined: Scale to the Nth Largest Target: 1

44014-001[MS SCAN Chro]:Total



Eurofins TestAmerica, Burlington  
Target Compound Quantitation Report

Data File: \\chromfs\Burlington\ChromData\CHW.i\20201218-44134.b\44134-001.d  
 Lims ID: bfb  
 Client ID:  
 Sample Type: BFB  
 Inject. Date: 18-Dec-2020 08:23:30 ALS Bottle#: 1 Worklist Smp#: 1  
 Injection Vol: 200.0 mL Dil. Factor: 1.0000  
 Sample Info: 200-0044134-001  
 Misc. Info.: bfb  
 Operator ID: ggg Instrument ID: CHW.i  
 Method: \\chromfs\Burlington\ChromData\CHW.i\20201218-44134.b\TO15\_TO3\_MasterMethod\_W.m  
 Limit Group: AI\_TO15\_ICAL  
 Last Update: 21-Dec-2020 09:26:44 Calib Date: 11-Dec-2020 05:25:30  
 Integrator: RTE ID Type: Deconvolution ID  
 Quant Method: Internal Standard Quant By: Initial Calibration  
 Last ICal File: \\chromfs\Burlington\ChromData\CHW.i\20201210-44014.b\44014-016.d  
 Column 1 : RTX-624 ( 0.32 mm) Det: MS SCAN  
 Process Host: CTX1612

First Level Reviewer: bunmaa

Date: 21-Dec-2020 09:26:44

| Compound | Sig | RT<br>(min.) | Adj RT<br>(min.) | Dlt RT<br>(min.) | Q | Response | Cal Amt<br>ppb v/v | OnCol Amt<br>ppb v/v | Flags |
|----------|-----|--------------|------------------|------------------|---|----------|--------------------|----------------------|-------|
|----------|-----|--------------|------------------|------------------|---|----------|--------------------|----------------------|-------|

10 BFB

|                          |     |  |        |  |  |  |      |    |
|--------------------------|-----|--|--------|--|--|--|------|----|
| * 39 Chlorobromomethane  | 128 |  | 11.423 |  |  |  | 10.0 | ND |
| * 50 1,4-Difluorobenzene | 114 |  | 13.285 |  |  |  | 10.0 | ND |
| * 70 Chlorobenzene-d5    | 117 |  | 18.790 |  |  |  | 10.0 | ND |

**QC Flag Legend**

Processing Flags

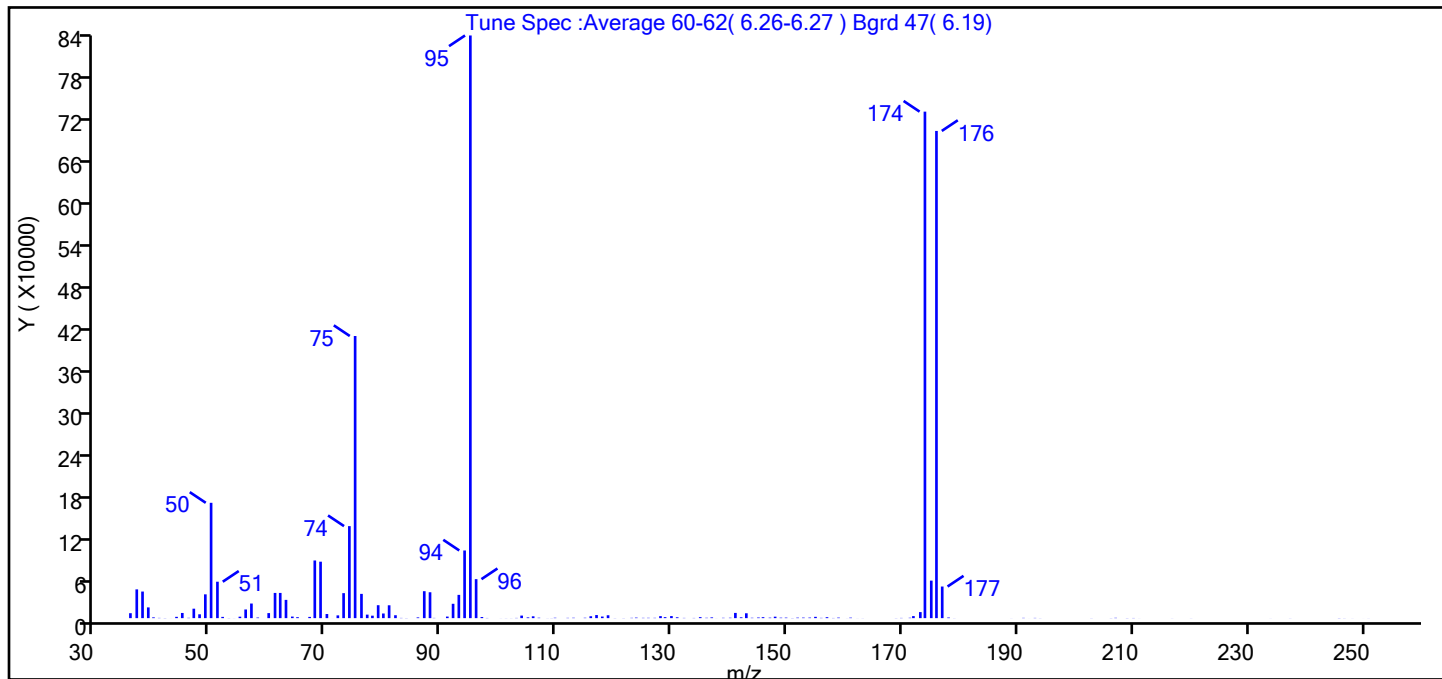
**Reagents:**

ATTO15WISs\_00009      Amount Added: 20.00      Units: mL      Run Reagent

## Eurofins TestAmerica, Burlington

Data File: \\chromfs\Burlington\ChromData\CHW.i\20201218-44134.b\44134-001.d  
Injection Date: 18-Dec-2020 08:23:30 Instrument ID: CHW.i  
Lims ID: bfb  
Client ID:  
Operator ID: ggg ALS Bottle#: 1 Worklist Smp#: 1  
Injection Vol: 200.0 mL Dil. Factor: 1.0000  
Method: TO15\_TO3\_MasterMethod\_W Limit Group: AI\_TO15\_ICAL  
Tune Method: BFB Method TO-15

## 10 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             | 19.8                 |
| 75  | 30.0 to 66.0 Percent of m/e 95            | 48.4                 |
| 96  | 5.0 to 9.0 Percent of m/e 95              | 6.7                  |
| 173 | Less than 2.0 Percent of m/e 174          | 1.0 (1.2)            |
| 174 | 50.0 to 120.0 Percent of m/e 95           | 86.9                 |
| 175 | 4.0 to 9.0 Percent of m/e 174             | 6.4 (7.4)            |
| 176 | 93.0 to 101.0 Percent of m/e 174          | 83.6 (96.2)          |
| 177 | 5.0 to 9.0 Percent of m/e 176             | 5.4 (6.5)            |

Data File: \\chromfs\Burlington\ChromData\CHW.i\20201218-44134.b\44134-001.d\TO15\_TO3\_MasterMethod\_W.rs  
Injection Date: 18-Dec-2020 08:23:30  
Spectrum: Tune Spec :Average 60-62( 6.26-6.27 ) Bgrd 47( 6.19)  
Base Peak: 95.00  
Minimum % Base Peak: 0  
Number of Points: 150

| m/z   | Y      | m/z    | Y      | m/z    | Y    | m/z    | Y      |
|-------|--------|--------|--------|--------|------|--------|--------|
| 36.00 | 7077   | 76.00  | 34768  | 119.00 | 4126 | 159.00 | 760    |
| 37.00 | 41216  | 77.00  | 5034   | 120.00 | 146  | 160.00 | 61     |
| 38.00 | 38104  | 78.00  | 3528   | 122.00 | 153  | 161.00 | 700    |
| 39.00 | 15391  | 79.00  | 18528  | 123.00 | 422  | 162.00 | 57     |
| 40.00 | 1112   | 80.00  | 6668   | 124.00 | 757  | 163.00 | 93     |
| 41.00 | 354    | 81.00  | 18424  | 125.00 | 424  | 169.00 | 147    |
| 42.00 | 195    | 82.00  | 4170   | 126.00 | 466  | 170.00 | 320    |
| 43.00 | 40     | 83.00  | 315    | 127.00 | 440  | 171.00 | 535    |
| 44.00 | 1878   | 84.00  | 184    | 128.00 | 2879 | 172.00 | 2936   |
| 45.00 | 7414   | 86.00  | 1056   | 129.00 | 1435 | 173.00 | 8658   |
| 46.00 | 441    | 87.00  | 38608  | 130.00 | 2941 | 174.00 | 725696 |
| 47.00 | 13546  | 88.00  | 37096  | 131.00 | 1220 | 175.00 | 53776  |
| 48.00 | 5507   | 89.00  | 334    | 132.00 | 336  | 176.00 | 698048 |
| 49.00 | 34104  | 91.00  | 2248   | 134.00 | 288  | 177.00 | 45296  |
| 50.00 | 165248 | 92.00  | 20576  | 135.00 | 1422 | 178.00 | 872    |
| 51.00 | 52192  | 93.00  | 33344  | 136.00 | 507  | 179.00 | 105    |
| 52.00 | 1806   | 94.00  | 96952  | 137.00 | 1080 | 189.00 | 62     |
| 53.00 | 153    | 95.00  | 834816 | 138.00 | 53   | 191.00 | 388    |
| 54.00 | 69     | 96.00  | 55872  | 139.00 | 473  | 192.00 | 32     |
| 55.00 | 2089   | 97.00  | 1593   | 140.00 | 577  | 193.00 | 341    |
| 56.00 | 12422  | 98.00  | 258    | 141.00 | 7490 | 194.00 | 124    |
| 57.00 | 20944  | 100.00 | 71     | 142.00 | 1184 | 203.00 | 121    |
| 58.00 | 874    | 101.00 | 104    | 143.00 | 6982 | 206.00 | 151    |
| 60.00 | 7214   | 102.00 | 92     | 144.00 | 532  | 207.00 | 464    |
| 61.00 | 36128  | 103.00 | 316    | 145.00 | 901  | 209.00 | 178    |
| 62.00 | 36128  | 104.00 | 3670   | 146.00 | 1371 | 210.00 | 249    |
| 63.00 | 26168  | 105.00 | 1068   | 147.00 | 687  | 211.00 | 56     |
| 64.00 | 2244   | 106.00 | 2622   | 148.00 | 2091 | 217.00 | 75     |
| 65.00 | 1363   | 107.00 | 579    | 149.00 | 651  | 220.00 | 86     |
| 67.00 | 1787   | 108.00 | 91     | 150.00 | 752  | 234.00 | 57     |
| 68.00 | 82624  | 109.00 | 128    | 151.00 | 207  | 237.00 | 97     |
| 69.00 | 80880  | 110.00 | 560    | 152.00 | 708  | 246.00 | 205    |
| 70.00 | 5900   | 112.00 | 399    | 153.00 | 763  | 247.00 | 116    |

Report Date: 21-Dec-2020 09:26:45

Chrom Revision: 2.3 09-Dec-2020 16:22:14

Data File: \\chromfs\Burlington\ChromData\CHW.i\20201218-44134.b\44134-001.d\TO15\_TO3\_MasterMethod\_W.rs

Injection Date: 18-Dec-2020 08:23:30

Spectrum: Tune Spec :Average 60-62( 6.26-6.27 ) Bgrd 47( 6.19)

Base Peak: 95.00

Minimum % Base Peak: 0

Number of Points: 150

| m/z   | Y      | m/z    | Y    | m/z    | Y    | m/z    | Y  |
|-------|--------|--------|------|--------|------|--------|----|
| 71.00 | 23     | 113.00 | 547  | 154.00 | 801  | 248.00 | 60 |
| 72.00 | 3963   | 115.00 | 543  | 155.00 | 1886 | 250.00 | 27 |
| 73.00 | 35808  | 116.00 | 2710 | 156.00 | 382  | 251.00 | 68 |
| 74.00 | 131840 | 117.00 | 4429 | 157.00 | 1337 |        |    |
| 75.00 | 404224 | 118.00 | 2278 | 158.00 | 255  |        |    |

Eurofins TestAmerica, Burlington

Data File: \\chromfs\Burlington\ChromData\CHW.i\20201218-44134.b\44134-001.d

Injection Date: 18-Dec-2020 08:23:30

Instrument ID: CHW.i

Operator ID: ggg

Lims ID: bfb

Worklist Smp#: 1

Client ID:

Injection Vol: 200.0 mL

Dil. Factor: 1.0000

ALS Bottle#: 1

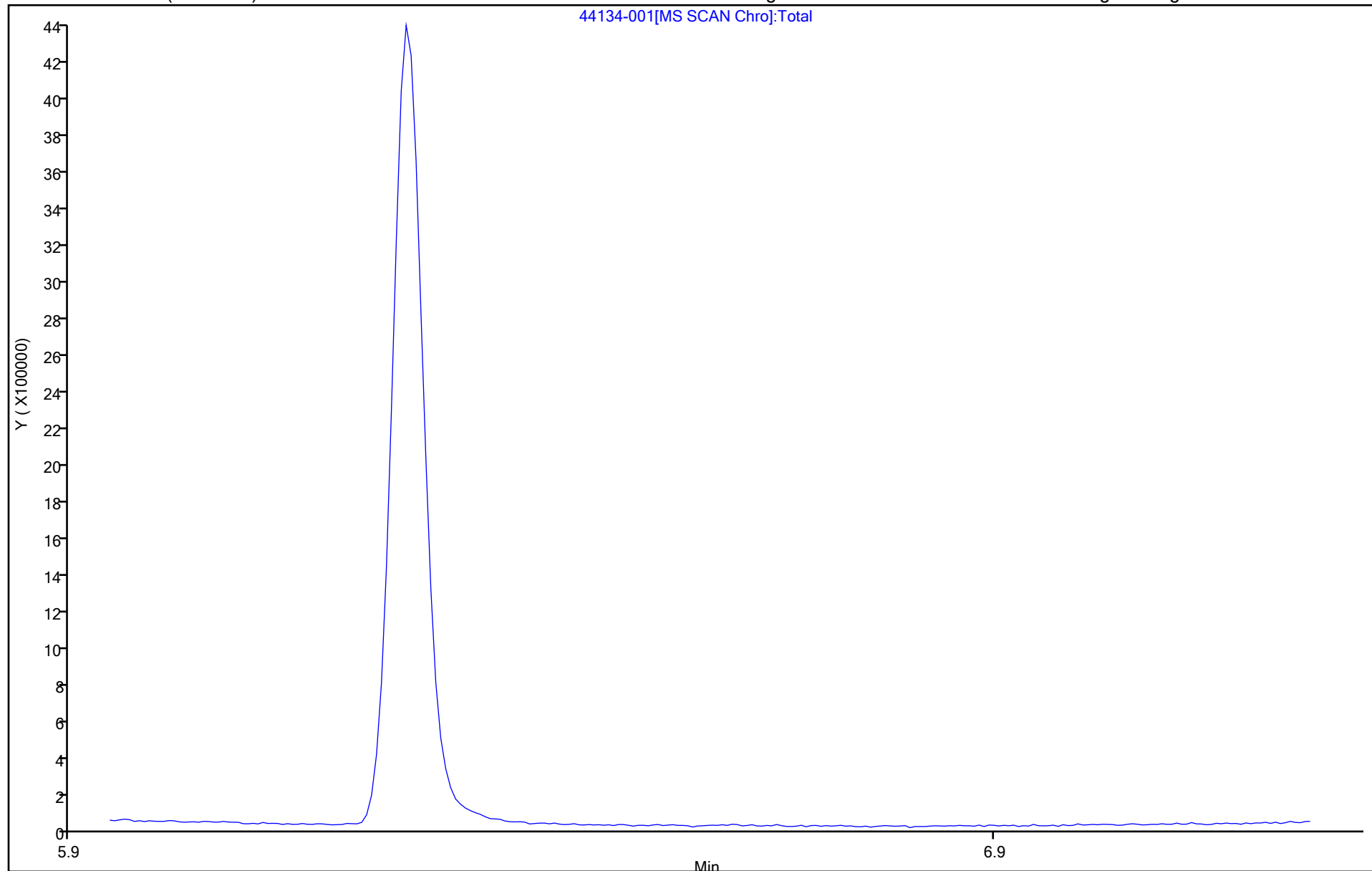
Method: TO15\_TO3\_MasterMethod\_W

Limit Group: AI\_TO15\_ICAL

Column: RTX-624 (0.32 mm)

Y Scaling: Method Defined: Scale to the Nth Largest Target: 1

44134-001[MS SCAN Chro]:Total



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

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-56451-1  
 SDG No.: 200-56451-1  
 Client Sample ID: \_\_\_\_\_ Lab Sample ID: MB 200-162240/4  
 Matrix: Air Lab File ID: 44134-004.d  
 Analysis Method: TO-15 Date Collected: \_\_\_\_\_  
 Sample wt/vol: 200 (mL) Date Analyzed: 12/18/2020 11:08  
 Soil Aliquot Vol: \_\_\_\_\_ Dilution Factor: 1  
 Soil Extract Vol.: \_\_\_\_\_ GC Column: RTX-624 ID: 0.32 (mm)  
 % Moisture: \_\_\_\_\_ Level: (low/med) Low  
 Analysis Batch No.: 162240 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  | 0.42 |
| 76-14-2   | 1,2-Dichlorotetrafluoroethane    | 170.92           | 1.4    | U | 1.4  | 0.24 |
| 74-87-3   | Chloromethane                    | 50.49            | 1.0    | U | 1.0  | 0.23 |
| 106-97-8  | n-Butane                         | 58.12            | 1.2    | U | 1.2  | 0.26 |
| 75-01-4   | Vinyl chloride                   | 62.50            | 0.20   | U | 0.20 | 0.11 |
| 106-99-0  | 1,3-Butadiene                    | 54.09            | 0.44   | U | 0.44 | 0.13 |
| 74-83-9   | Bromomethane                     | 94.94            | 0.78   | U | 0.78 | 0.20 |
| 75-00-3   | Chloroethane                     | 64.52            | 1.3    | U | 1.3  | 0.14 |
| 593-60-2  | Bromoethene (Vinyl Bromide)      | 106.96           | 0.87   | U | 0.87 | 0.23 |
| 75-69-4   | Trichlorofluoromethane           | 137.37           | 1.1    | U | 1.1  | 0.34 |
| 76-13-1   | 1,1,2-Trichlorotrifluoroethane   | 187.38           | 1.5    | U | 1.5  | 0.29 |
| 75-35-4   | 1,1-Dichloroethene               | 96.94            | 0.20   | U | 0.20 | 0.15 |
| 67-64-1   | Acetone                          | 58.08            | 12     | U | 12   | 2.9  |
| 67-63-0   | Isopropyl alcohol                | 60.10            | 12     | U | 12   | 1.2  |
| 75-15-0   | Carbon disulfide                 | 76.14            | 1.6    | U | 1.6  | 0.23 |
| 107-05-1  | 3-Chloropropene                  | 76.53            | 1.6    | U | 1.6  | 0.20 |
| 75-09-2   | Methylene Chloride               | 84.93            | 1.7    | U | 1.7  | 0.94 |
| 75-65-0   | tert-Butyl alcohol               | 74.12            | 15     | U | 15   | 0.12 |
| 1634-04-4 | Methyl tert-butyl ether          | 88.15            | 0.72   | U | 0.72 | 0.12 |
| 156-60-5  | trans-1,2-Dichloroethene         | 96.94            | 0.79   | U | 0.79 | 0.17 |
| 110-54-3  | n-Hexane                         | 86.17            | 0.70   | U | 0.70 | 0.70 |
| 75-34-3   | 1,1-Dichloroethane               | 98.96            | 0.81   | U | 0.81 | 0.17 |
| 78-93-3   | Methyl Ethyl Ketone (2-Butanone) | 72.11            | 1.5    | U | 1.5  | 0.21 |
| 156-59-2  | cis-1,2-Dichloroethene           | 96.94            | 0.20   | U | 0.20 | 0.18 |
| 67-66-3   | Chloroform                       | 119.38           | 0.98   | U | 0.98 | 0.16 |
| 109-99-9  | Tetrahydrofuran                  | 72.11            | 15     | U | 15   | 0.19 |
| 71-55-6   | 1,1,1-Trichloroethane            | 133.41           | 1.1    | U | 1.1  | 0.20 |
| 110-82-7  | Cyclohexane                      | 84.16            | 0.69   | U | 0.69 | 0.16 |
| 56-23-5   | Carbon tetrachloride             | 153.81           | 0.22   | U | 0.22 | 0.15 |
| 540-84-1  | 2,2,4-Trimethylpentane           | 114.23           | 0.93   | U | 0.93 | 0.19 |
| 71-43-2   | Benzene                          | 78.11            | 0.64   | U | 0.64 | 0.21 |
| 107-06-2  | 1,2-Dichloroethane               | 98.96            | 0.81   | U | 0.81 | 0.13 |



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

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-56451-1  
 SDG No.: 200-56451-1  
 Client Sample ID: \_\_\_\_\_ Lab Sample ID: MB 200-162240/4  
 Matrix: Air Lab File ID: 44134-004.d  
 Analysis Method: TO-15 Date Collected: \_\_\_\_\_  
 Sample wt/vol: 200 (mL) Date Analyzed: 12/18/2020 11:08  
 Soil Aliquot Vol: \_\_\_\_\_ Dilution Factor: 1  
 Soil Extract Vol.: \_\_\_\_\_ GC Column: RTX-624 ID: 0.32 (mm)  
 % Moisture: \_\_\_\_\_ Level: (low/med) Low  
 Analysis Batch No.: 162240 Units: ug/m3

| CAS NO.     | COMPOUND NAME                                    | MOLECULAR WEIGHT | RESULT | Q | RL   | MDL  |
|-------------|--------------------------------------------------|------------------|--------|---|------|------|
| 142-82-5    | n-Heptane                                        | 100.21           | 0.82   | U | 0.82 | 0.23 |
| 79-01-6     | Trichloroethene                                  | 131.39           | 0.20   | U | 0.20 | 0.19 |
| 80-62-6     | Methyl methacrylate                              | 100.12           | 2.0    | U | 2.0  | 0.14 |
| 78-87-5     | 1,2-Dichloropropane                              | 112.99           | 0.92   | U | 0.92 | 0.15 |
| 123-91-1    | 1,4-Dioxane                                      | 88.11            | 18     | U | 18   | 0.30 |
| 75-27-4     | Bromodichloromethane                             | 163.83           | 1.3    | U | 1.3  | 0.23 |
| 10061-01-5  | cis-1,3-Dichloropropene                          | 110.97           | 0.91   | U | 0.91 | 0.15 |
| 108-10-1    | 4-Methyl-2-pentanone<br>(Methyl isobutyl ketone) | 100.16           | 2.0    | U | 2.0  | 0.15 |
| 108-88-3    | Toluene                                          | 92.14            | 0.75   | U | 0.75 | 0.41 |
| 10061-02-6  | trans-1,3-Dichloropropene                        | 110.97           | 0.91   | U | 0.91 | 0.18 |
| 79-00-5     | 1,1,2-Trichloroethane                            | 133.41           | 1.1    | U | 1.1  | 0.20 |
| 127-18-4    | Tetrachloroethene                                | 165.83           | 1.4    | U | 1.4  | 0.22 |
| 591-78-6    | Methyl Butyl Ketone<br>(2-Hexanone)              | 100.20           | 2.0    | U | 2.0  | 0.20 |
| 124-48-1    | Dibromochloromethane                             | 208.28           | 1.7    | U | 1.7  | 0.31 |
| 106-93-4    | 1,2-Dibromoethane                                | 187.87           | 1.5    | U | 1.5  | 0.38 |
| 108-90-7    | Chlorobenzene                                    | 112.56           | 0.92   | U | 0.92 | 0.26 |
| 100-41-4    | Ethylbenzene                                     | 106.17           | 0.87   | U | 0.87 | 0.27 |
| 179601-23-1 | m,p-Xylene                                       | 106.17           | 2.2    | U | 2.2  | 0.43 |
| 95-47-6     | o-Xylene                                         | 106.17           | 0.87   | U | 0.87 | 0.21 |
| 100-42-5    | Styrene                                          | 104.15           | 0.85   | U | 0.85 | 0.17 |
| 75-25-2     | Bromoform                                        | 252.75           | 2.1    | U | 2.1  | 0.50 |
| 98-82-8     | Cumene                                           | 120.19           | 0.98   | U | 0.98 | 0.17 |
| 79-34-5     | 1,1,2,2-Tetrachloroethane                        | 167.85           | 1.4    | U | 1.4  | 0.29 |
| 103-65-1    | n-Propylbenzene                                  | 120.19           | 0.98   | U | 0.98 | 0.19 |
| 622-96-8    | 4-Ethyltoluene                                   | 120.20           | 0.98   | U | 0.98 | 0.20 |
| 108-67-8    | 1,3,5-Trimethylbenzene                           | 120.20           | 0.98   | U | 0.98 | 0.19 |
| 95-49-8     | 2-Chlorotoluene                                  | 126.59           | 1.0    | U | 1.0  | 0.22 |
| 98-06-6     | tert-Butylbenzene                                | 134.22           | 1.1    | U | 1.1  | 0.19 |
| 95-63-6     | 1,2,4-Trimethylbenzene                           | 120.20           | 0.98   | U | 0.98 | 0.22 |
| 135-98-8    | sec-Butylbenzene                                 | 134.22           | 1.1    | U | 1.1  | 0.19 |
| 99-87-6     | 4-Isopropyltoluene                               | 134.22           | 1.1    | U | 1.1  | 0.21 |
| 541-73-1    | 1,3-Dichlorobenzene                              | 147.00           | 1.2    | U | 1.2  | 0.66 |
| 106-46-7    | 1,4-Dichlorobenzene                              | 147.00           | 1.2    | U | 1.2  | 0.72 |

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

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-56451-1  
SDG No.: 200-56451-1  
Client Sample ID: \_\_\_\_\_ Lab Sample ID: MB 200-162240/4  
Matrix: Air Lab File ID: 44134-004.d  
Analysis Method: TO-15 Date Collected: \_\_\_\_\_  
Sample wt/vol: 200 (mL) Date Analyzed: 12/18/2020 11:08  
Soil Aliquot Vol: \_\_\_\_\_ Dilution Factor: 1  
Soil Extract Vol.: \_\_\_\_\_ GC Column: RTX-624 ID: 0.32 (mm)  
% Moisture: \_\_\_\_\_ Level: (low/med) Low  
Analysis Batch No.: 162240 Units: ug/m3

| CAS NO.  | COMPOUND NAME          | MOLECULAR WEIGHT | RESULT | Q | RL  | MDL  |
|----------|------------------------|------------------|--------|---|-----|------|
| 100-44-7 | Benzyl chloride        | 126.58           | 1.0    | U | 1.0 | 0.44 |
| 104-51-8 | n-Butylbenzene         | 134.22           | 1.1    | U | 1.1 | 0.21 |
| 95-50-1  | 1,2-Dichlorobenzene    | 147.00           | 1.2    | U | 1.2 | 0.58 |
| 120-82-1 | 1,2,4-Trichlorobenzene | 181.45           | 3.7    | U | 3.7 | 1.6  |
| 87-68-3  | Hexachlorobutadiene    | 260.76           | 2.1    | U | 2.1 | 0.81 |
| 91-20-3  | Naphthalene            | 128.17           | 2.6    | U | 2.6 | 0.89 |

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

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-56451-1  
 SDG No.: 200-56451-1  
 Client Sample ID: \_\_\_\_\_ Lab Sample ID: MB 200-162240/4  
 Matrix: Air Lab File ID: 44134-004.d  
 Analysis Method: TO-15 Date Collected: \_\_\_\_\_  
 Sample wt/vol: 200 (mL) Date Analyzed: 12/18/2020 11:08  
 Soil Aliquot Vol: \_\_\_\_\_ Dilution Factor: 1  
 Soil Extract Vol.: \_\_\_\_\_ GC Column: RTX-624 ID: 0.32 (mm)  
 % Moisture: \_\_\_\_\_ Level: (low/med) Low  
 Analysis Batch No.: 162240 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  | 0.12  |
| 76-14-2   | 1,2-Dichlorotetrafluoroethane    | 170.92           | 0.20   | U | 0.20  | 0.035 |
| 74-87-3   | Chloromethane                    | 50.49            | 0.50   | U | 0.50  | 0.11  |
| 106-97-8  | n-Butane                         | 58.12            | 0.50   | U | 0.50  | 0.11  |
| 75-01-4   | Vinyl chloride                   | 62.50            | 0.078  | U | 0.078 | 0.044 |
| 106-99-0  | 1,3-Butadiene                    | 54.09            | 0.20   | U | 0.20  | 0.057 |
| 74-83-9   | Bromomethane                     | 94.94            | 0.20   | U | 0.20  | 0.051 |
| 75-00-3   | Chloroethane                     | 64.52            | 0.50   | U | 0.50  | 0.054 |
| 593-60-2  | Bromoethene (Vinyl Bromide)      | 106.96           | 0.20   | U | 0.20  | 0.052 |
| 75-69-4   | Trichlorofluoromethane           | 137.37           | 0.20   | U | 0.20  | 0.060 |
| 76-13-1   | 1,1,2-Trichlorotrifluoroethane   | 187.38           | 0.20   | U | 0.20  | 0.038 |
| 75-35-4   | 1,1-Dichloroethene               | 96.94            | 0.050  | U | 0.050 | 0.039 |
| 67-64-1   | Acetone                          | 58.08            | 5.0    | U | 5.0   | 1.2   |
| 67-63-0   | Isopropyl alcohol                | 60.10            | 5.0    | U | 5.0   | 0.48  |
| 75-15-0   | Carbon disulfide                 | 76.14            | 0.50   | U | 0.50  | 0.074 |
| 107-05-1  | 3-Chloropropene                  | 76.53            | 0.50   | U | 0.50  | 0.064 |
| 75-09-2   | Methylene Chloride               | 84.93            | 0.50   | U | 0.50  | 0.27  |
| 75-65-0   | tert-Butyl alcohol               | 74.12            | 5.0    | U | 5.0   | 0.038 |
| 1634-04-4 | Methyl tert-butyl ether          | 88.15            | 0.20   | U | 0.20  | 0.033 |
| 156-60-5  | trans-1,2-Dichloroethene         | 96.94            | 0.20   | U | 0.20  | 0.042 |
| 110-54-3  | n-Hexane                         | 86.17            | 0.20   | U | 0.20  | 0.20  |
| 75-34-3   | 1,1-Dichloroethane               | 98.96            | 0.20   | U | 0.20  | 0.041 |
| 78-93-3   | Methyl Ethyl Ketone (2-Butanone) | 72.11            | 0.50   | U | 0.50  | 0.072 |
| 156-59-2  | cis-1,2-Dichloroethene           | 96.94            | 0.050  | U | 0.050 | 0.045 |
| 67-66-3   | Chloroform                       | 119.38           | 0.20   | U | 0.20  | 0.032 |
| 109-99-9  | Tetrahydrofuran                  | 72.11            | 5.0    | U | 5.0   | 0.066 |
| 71-55-6   | 1,1,1-Trichloroethane            | 133.41           | 0.20   | U | 0.20  | 0.036 |
| 110-82-7  | Cyclohexane                      | 84.16            | 0.20   | U | 0.20  | 0.046 |
| 56-23-5   | Carbon tetrachloride             | 153.81           | 0.035  | U | 0.035 | 0.024 |
| 540-84-1  | 2,2,4-Trimethylpentane           | 114.23           | 0.20   | U | 0.20  | 0.041 |
| 71-43-2   | Benzene                          | 78.11            | 0.20   | U | 0.20  | 0.067 |
| 107-06-2  | 1,2-Dichloroethane               | 98.96            | 0.20   | U | 0.20  | 0.032 |

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

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-56451-1  
 SDG No.: 200-56451-1  
 Client Sample ID: \_\_\_\_\_ Lab Sample ID: MB 200-162240/4  
 Matrix: Air Lab File ID: 44134-004.d  
 Analysis Method: TO-15 Date Collected: \_\_\_\_\_  
 Sample wt/vol: 200 (mL) Date Analyzed: 12/18/2020 11:08  
 Soil Aliquot Vol: \_\_\_\_\_ Dilution Factor: 1  
 Soil Extract Vol.: \_\_\_\_\_ GC Column: RTX-624 ID: 0.32 (mm)  
 % Moisture: \_\_\_\_\_ Level: (low/med) Low  
 Analysis Batch No.: 162240 Units: ppb v/v

| CAS NO.     | COMPOUND NAME                                    | MOLECULAR WEIGHT | RESULT | Q | RL    | MDL   |
|-------------|--------------------------------------------------|------------------|--------|---|-------|-------|
| 142-82-5    | n-Heptane                                        | 100.21           | 0.20   | U | 0.20  | 0.056 |
| 79-01-6     | Trichloroethene                                  | 131.39           | 0.037  | U | 0.037 | 0.035 |
| 80-62-6     | Methyl methacrylate                              | 100.12           | 0.50   | U | 0.50  | 0.033 |
| 78-87-5     | 1,2-Dichloropropane                              | 112.99           | 0.20   | U | 0.20  | 0.033 |
| 123-91-1    | 1,4-Dioxane                                      | 88.11            | 5.0    | U | 5.0   | 0.084 |
| 75-27-4     | Bromodichloromethane                             | 163.83           | 0.20   | U | 0.20  | 0.035 |
| 10061-01-5  | cis-1,3-Dichloropropene                          | 110.97           | 0.20   | U | 0.20  | 0.032 |
| 108-10-1    | 4-Methyl-2-pentanone<br>(Methyl isobutyl ketone) | 100.16           | 0.50   | U | 0.50  | 0.036 |
| 108-88-3    | Toluene                                          | 92.14            | 0.20   | U | 0.20  | 0.11  |
| 10061-02-6  | trans-1,3-Dichloropropene                        | 110.97           | 0.20   | U | 0.20  | 0.039 |
| 79-00-5     | 1,1,2-Trichloroethane                            | 133.41           | 0.20   | U | 0.20  | 0.036 |
| 127-18-4    | Tetrachloroethene                                | 165.83           | 0.20   | U | 0.20  | 0.033 |
| 591-78-6    | Methyl Butyl Ketone<br>(2-Hexanone)              | 100.20           | 0.50   | U | 0.50  | 0.048 |
| 124-48-1    | Dibromochloromethane                             | 208.28           | 0.20   | U | 0.20  | 0.036 |
| 106-93-4    | 1,2-Dibromoethane                                | 187.87           | 0.20   | U | 0.20  | 0.049 |
| 108-90-7    | Chlorobenzene                                    | 112.56           | 0.20   | U | 0.20  | 0.056 |
| 100-41-4    | Ethylbenzene                                     | 106.17           | 0.20   | U | 0.20  | 0.063 |
| 179601-23-1 | m,p-Xylene                                       | 106.17           | 0.50   | U | 0.50  | 0.10  |
| 95-47-6     | o-Xylene                                         | 106.17           | 0.20   | U | 0.20  | 0.048 |
| 100-42-5    | Styrene                                          | 104.15           | 0.20   | U | 0.20  | 0.040 |
| 75-25-2     | Bromoform                                        | 252.75           | 0.20   | U | 0.20  | 0.048 |
| 98-82-8     | Cumene                                           | 120.19           | 0.20   | U | 0.20  | 0.035 |
| 79-34-5     | 1,1,2,2-Tetrachloroethane                        | 167.85           | 0.20   | U | 0.20  | 0.042 |
| 103-65-1    | n-Propylbenzene                                  | 120.19           | 0.20   | U | 0.20  | 0.039 |
| 622-96-8    | 4-Ethyltoluene                                   | 120.20           | 0.20   | U | 0.20  | 0.041 |
| 108-67-8    | 1,3,5-Trimethylbenzene                           | 120.20           | 0.20   | U | 0.20  | 0.039 |
| 95-49-8     | 2-Chlorotoluene                                  | 126.59           | 0.20   | U | 0.20  | 0.042 |
| 98-06-6     | tert-Butylbenzene                                | 134.22           | 0.20   | U | 0.20  | 0.035 |
| 95-63-6     | 1,2,4-Trimethylbenzene                           | 120.20           | 0.20   | U | 0.20  | 0.044 |
| 135-98-8    | sec-Butylbenzene                                 | 134.22           | 0.20   | U | 0.20  | 0.035 |
| 99-87-6     | 4-Isopropyltoluene                               | 134.22           | 0.20   | U | 0.20  | 0.039 |
| 541-73-1    | 1,3-Dichlorobenzene                              | 147.00           | 0.20   | U | 0.20  | 0.11  |
| 106-46-7    | 1,4-Dichlorobenzene                              | 147.00           | 0.20   | U | 0.20  | 0.12  |

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

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-56451-1  
SDG No.: 200-56451-1  
Client Sample ID: \_\_\_\_\_ Lab Sample ID: MB 200-162240/4  
Matrix: Air Lab File ID: 44134-004.d  
Analysis Method: TO-15 Date Collected: \_\_\_\_\_  
Sample wt/vol: 200 (mL) Date Analyzed: 12/18/2020 11:08  
Soil Aliquot Vol: \_\_\_\_\_ Dilution Factor: 1  
Soil Extract Vol.: \_\_\_\_\_ GC Column: RTX-624 ID: 0.32 (mm)  
% Moisture: \_\_\_\_\_ Level: (low/med) Low  
Analysis Batch No.: 162240 Units: ppb v/v

| CAS NO.  | COMPOUND NAME          | MOLECULAR WEIGHT | RESULT | Q | RL   | MDL   |
|----------|------------------------|------------------|--------|---|------|-------|
| 100-44-7 | Benzyl chloride        | 126.58           | 0.20   | U | 0.20 | 0.085 |
| 104-51-8 | n-Butylbenzene         | 134.22           | 0.20   | U | 0.20 | 0.039 |
| 95-50-1  | 1,2-Dichlorobenzene    | 147.00           | 0.20   | U | 0.20 | 0.097 |
| 120-82-1 | 1,2,4-Trichlorobenzene | 181.45           | 0.50   | U | 0.50 | 0.22  |
| 87-68-3  | Hexachlorobutadiene    | 260.76           | 0.20   | U | 0.20 | 0.076 |
| 91-20-3  | Naphthalene            | 128.17           | 0.50   | U | 0.50 | 0.17  |

Eurofins TestAmerica, Burlington  
Target Compound Quantitation Report

Data File: \\chromfs\Burlington\ChromData\CHW.i\20201218-44134.b\44134-004.d  
 Lims ID: mb  
 Client ID:  
 Sample Type: MB  
 Inject. Date: 18-Dec-2020 11:08:30 ALS Bottle#: 3 Worklist Smp#: 4  
 Purge Vol: 200.000 mL Dil. Factor: 1.0000  
 Sample Info: 200-0044134-004  
 Operator ID: ggg Instrument ID: CHW.i  
 Method: \\chromfs\Burlington\ChromData\CHW.i\20201218-44134.b\TO15\_TO3\_MasterMethod\_W.m  
 Limit Group: AI\_TO15\_ICAL  
 Last Update: 21-Dec-2020 09:54:12 Calib Date: 11-Dec-2020 05:25:30  
 Integrator: RTE ID Type: Deconvolution ID  
 Quant Method: Internal Standard Quant By: Initial Calibration  
 Last ICal File: \\chromfs\Burlington\ChromData\CHW.i\20201210-44014.b\44014-016.d  
 Column 1 : RTX-624 ( 0.32 mm) Det: MS SCAN  
 Process Host: CTX1612

First Level Reviewer: bunmaa

Date: 21-Dec-2020 09:54:12

| Compound                           | Sig | RT<br>(min.) | Adj RT<br>(min.) | Dlt RT<br>(min.) | Q  | Response | Cal Amt<br>ppb v/v | OnCol Amt<br>ppb v/v | Flags |
|------------------------------------|-----|--------------|------------------|------------------|----|----------|--------------------|----------------------|-------|
| 1 Propene                          | 41  |              | 3.966            |                  |    |          |                    | ND                   | 7     |
| 2 Dichlorodifluoromethane          | 85  |              | 4.073            |                  |    |          |                    | ND                   | MU    |
| 3 Chlorodifluoromethane            | 51  |              | 4.116            |                  |    |          |                    | ND                   | 7     |
| 4 1,2-Dichloro-1,1,2,2-tetrafluoro | 85  |              | 4.469            |                  |    |          |                    | ND                   | MU    |
| 5 Chloromethane                    | 50  |              | 4.560            |                  |    |          |                    | ND                   | 7     |
| 6 Vinyl chloride                   | 62  |              | 4.897            |                  |    |          |                    | ND                   | 7     |
| 7 Butane                           | 43  |              | 4.913            |                  |    |          |                    | ND                   | 7     |
| 8 Butadiene                        | 54  |              | 5.025            |                  |    |          |                    | ND                   | 7     |
| 9 Bromomethane                     | 94  |              | 5.758            |                  |    |          |                    | ND                   | 7     |
| 11 Chloroethane                    | 64  |              | 6.047            |                  |    |          |                    | ND                   | 7     |
| 12 2-Methylbutane                  | 43  |              | 6.271            |                  |    |          |                    | ND                   | 7     |
| 13 Vinyl bromide                   | 106 |              | 6.485            |                  |    |          |                    | ND                   | 7     |
| 14 Trichlorofluoromethane          | 101 |              | 6.657            |                  |    |          |                    | ND                   | 7     |
| 15 Pentane                         | 43  |              | 6.876            |                  |    |          |                    | ND                   | 7     |
| 16 Ethanol                         | 45  |              | 7.101            |                  |    |          |                    | ND                   | 7     |
| 18 Ethyl ether                     | 59  |              | 7.309            |                  |    |          |                    | ND                   | 7     |
| 19 Acrolein                        | 56  |              | 7.566            |                  |    |          |                    | ND                   | 7     |
| 20 1,1-Dichloroethene              | 96  |              | 7.753            |                  |    |          |                    | ND                   | 7     |
| 21 112TCTFE                        | 101 |              | 7.801            |                  |    |          |                    | ND                   | 7     |
| 22 Acetone                         | 43  |              | 7.855            |                  |    |          |                    | ND                   | 7     |
| 24 Carbon disulfide                | 76  | 8.165        | 8.165            | 0.000            | 95 | 19204    |                    | 0.0436               |       |
| 23 Isopropyl alcohol               | 45  |              | 8.171            |                  |    |          |                    | ND                   | 7     |
| 25 Acetonitrile                    | 41  |              | 8.369            |                  |    |          |                    | ND                   | 7     |
| 26 3-Chloro-1-propene              | 41  |              | 8.470            |                  |    |          |                    | ND                   | 7     |
| 27 Methylene Chloride              | 49  | 8.695        | 8.706            | -0.011           | 95 | 15549    |                    | 0.0892               |       |
| 28 2-Methyl-2-propanol             | 59  |              | 8.941            |                  |    |          |                    | ND                   |       |
| 29 Acrylonitrile                   | 53  |              | 9.128            |                  |    |          |                    | ND                   | 7     |
| 30 trans-1,2-Dichloroethene        | 61  |              | 9.219            |                  |    |          |                    | ND                   | 7     |
| 31 Methyl tert-butyl ether         | 73  |              | 9.230            |                  |    |          |                    | ND                   | 7     |
| 32 Hexane                          | 57  |              | 9.733            |                  |    |          |                    | ND                   | 7     |
| 33 1,1-Dichloroethane              | 63  |              | 9.995            |                  |    |          |                    | ND                   | 7     |
| 34 Vinyl acetate                   | 43  |              | 10.016           |                  |    |          |                    | 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 |
|--------------------------------|-----|-----------|----------------|---------------|----|----------|-----------------|-------------------|-------|
| S 35 1,2-Dichloroethene, Total | 61  |           | 10.200         |               |    |          |                 | ND                | 7     |
| 36 2-Butanone (MEK)            | 72  |           | 10.985         |               |    |          |                 | ND                | 7     |
| 37 cis-1,2-Dichloroethene      | 96  |           | 11.001         |               |    |          |                 | ND                | 7     |
| 38 Ethyl acetate               | 88  |           | 11.075         |               |    |          |                 | ND                | 7     |
| * 39 Chlorobromomethane        | 128 | 11.407    | 11.423         | -0.016        | 87 | 1078515  | 10.0            | 10.0              |       |
| 40 Tetrahydrofuran             | 42  |           | 11.466         |               |    |          |                 | ND                | 7     |
| 41 Chloroform                  | 83  |           | 11.600         |               |    |          |                 | ND                |       |
| 42 1,1,1-Trichloroethane       | 97  |           | 11.910         |               |    |          |                 | ND                | MU    |
| 43 Cyclohexane                 | 84  |           | 12.044         |               |    |          |                 | ND                | 7     |
| 44 Carbon tetrachloride        | 117 |           | 12.188         |               |    |          |                 | ND                | 7     |
| 45 Benzene                     | 78  |           | 12.541         |               |    |          |                 | ND                | MU    |
| 46 1,2-Dichloroethane          | 62  |           | 12.616         |               |    |          |                 | ND                |       |
| 47 Isooctane                   | 57  |           | 12.755         |               |    |          |                 | ND                |       |
| 48 n-Heptane                   | 43  |           | 13.071         |               |    |          |                 | ND                | 7     |
| * 50 1,4-Difluorobenzene       | 114 | 13.280    | 13.285         | -0.005        | 94 | 5163566  | 10.0            | 10.0              |       |
| 53 n-Butanol                   | 56  |           | 13.510         |               |    |          |                 | ND                | 7     |
| 51 Trichloroethene             | 95  |           | 13.718         |               |    |          |                 | ND                | 7     |
| A 52 GRO                       | 1   | 14.045    | (6.261-21.828) |               | 0  | 14279766 |                 | 0                 |       |
| 54 1,2-Dichloropropane         | 63  |           | 14.178         |               |    |          |                 | ND                | 7     |
| 55 Methyl methacrylate         | 69  |           | 14.269         |               |    |          |                 | ND                |       |
| 56 1,4-Dioxane                 | 88  |           | 14.307         |               |    |          |                 | ND                | 7     |
| 57 Dibromomethane              | 174 | 14.339    | 14.339         | 0.000         | 24 | 4563     |                 | 0.0197            |       |
| 58 Dichlorobromomethane        | 83  |           | 14.649         |               |    |          |                 | ND                | MU    |
| A 59 TVOC as Toluene           | 1   | 15.345    | (3.956-26.733) |               | 0  | 14889630 |                 | 0                 |       |
| 60 cis-1,3-Dichloropropene     | 75  |           | 15.457         |               |    |          |                 | ND                | MU    |
| 61 4-Methyl-2-pentanone (MIBK) | 43  |           | 15.714         |               |    |          |                 | ND                | 7     |
| 62 Toluene                     | 92  | 16.115    | 16.115         | 0.016         | 37 | 3508     |                 | 0.0121            | 7M    |
| 63 n-Octane                    | 43  |           | 16.350         |               |    |          |                 | ND                | 7     |
| 64 trans-1,3-Dichloropropene   | 75  |           | 16.516         |               |    |          |                 | ND                | 7     |
| 65 1,1,2-Trichloroethane       | 83  |           | 16.896         |               |    |          |                 | ND                |       |
| 66 Tetrachloroethene           | 166 |           | 17.089         |               |    |          |                 | ND                | MU    |
| 67 2-Hexanone                  | 43  |           | 17.297         |               |    |          |                 | ND                | 7     |
| 68 Chlorodibromomethane        | 129 | 17.634    | 17.634         | 0.000         | 67 | 4030     |                 | 0.0117            | M     |
| 69 Ethylene Dibromide          | 107 | 17.875    | 17.875         | 0.000         | 58 | 4937     |                 | 0.0193            | M     |
| * 70 Chlorobenzene-d5          | 117 | 18.784    | 18.790         | -0.006        | 86 | 4005677  | 10.0            | 10.0              |       |
| 71 Chlorobenzene               | 112 | 18.854    | 18.849         | 0.005         | 80 | 7308     |                 | 0.0177            |       |
| 73 Ethylbenzene                | 91  | 19.041    | 19.041         | 0.000         | 51 | 8094     |                 | 0.0125            | M     |
| 74 m-Xylene & p-Xylene         | 106 | 19.314    | 19.314         | 0.011         | 0  | 6618     |                 | 0.0264            | M     |
| 75 n-Nonane                    | 57  |           | 19.368         |               |    |          |                 | ND                |       |
| 76 o-Xylene                    | 106 | 20.074    | 20.074         | -0.005        | 42 | 2434     |                 | 0.0103            | M     |
| S 77 Xylenes, Total            | 106 |           |                |               | 0  |          |                 | 0.0367            |       |
| 78 Styrene                     | 104 | 20.132    | 20.132         | 0.016         | 48 | 3478     |                 | 0.009649          | M     |
| 79 Bromoform                   | 173 | 20.459    | 20.464         | -0.005        | 94 | 6109     |                 | 0.0203            |       |
| 80 Isopropylbenzene            | 105 |           | 20.774         |               |    |          |                 | ND                | MU    |
| 81 1,1,2,2-Tetrachloroethane   | 83  | 21.288    | 21.293         | -0.005        | 91 | 7924     |                 | 0.0214            |       |
| 82 1,2,3-Trichloropropane      | 75  |           | 21.395         |               |    |          |                 | ND                | 7     |
| 83 N-Propylbenzene             | 91  |           | 21.491         |               |    |          |                 | ND                | 7     |
| 84 2-Chlorotoluene             | 91  | 21.646    | 21.641         | 0.005         | 93 | 8507     |                 | 0.0163            |       |
| 85 4-Ethyltoluene              | 105 |           | 21.689         |               |    |          |                 | ND                | 7     |
| 86 1,3,5-Trimethylbenzene      | 105 |           | 21.786         |               |    |          |                 | ND                | 7     |
| 87 n-Decane                    | 57  |           | 21.818         |               |    |          |                 | ND                |       |
| 88 Alpha Methyl Styrene        | 118 | 22.117    | 22.117         | 0.005         | 87 | 4346     |                 | 0.0150            | M     |

| Compound                             | Sig | RT<br>(min.) | Adj RT<br>(min.) | Dlt RT<br>(min.) | Q  | Response | Cal Amt<br>ppb v/v | OnCol Amt<br>ppb v/v | Flags |
|--------------------------------------|-----|--------------|------------------|------------------|----|----------|--------------------|----------------------|-------|
| 89 tert-Butylbenzene                 | 119 |              | 22.267           |                  |    |          |                    | ND                   | MU    |
| 90 1,2,4-Trimethylbenzene            | 105 |              | 22.353           |                  |    |          |                    | ND                   | 7     |
| 91 sec-Butylbenzene                  | 105 |              | 22.593           |                  |    |          |                    | ND                   | MU    |
| 92 1,3-Dichlorobenzene               | 146 | 22.765       | 22.765           | 0.000            | 97 | 13017    | 0.0354             |                      |       |
| 93 4-Isopropyltoluene                | 119 | 22.813       | 22.813           | 0.006            | 94 | 4452     | 0.006036           |                      | 7M    |
| 94 1,4-Dichlorobenzene               | 146 | 22.909       | 22.909           | 0.000            | 96 | 14251    | 0.0425             |                      |       |
| 95 Benzyl chloride                   | 91  | 23.059       | 23.053           | 0.006            | 98 | 13545    | 0.0355             |                      |       |
| 96 n-Butylbenzene                    | 91  | 23.369       | 23.364           | 0.005            | 95 | 10024    | 0.0157             |                      |       |
| 97 1,2-Dichlorobenzene               | 146 | 23.396       | 23.396           | 0.000            | 94 | 14158    | 0.0367             |                      |       |
| 98 Undecane                          | 57  |              | 23.514           |                  |    |          |                    | ND                   | 7     |
| 99 Dodecane                          | 57  |              | 25.092           |                  |    |          |                    | ND                   | MU    |
| 100 1,2,4-Trichlorobenzene           | 180 | 25.835       | 25.835           | 0.000            | 92 | 16833    | 0.0761             |                      |       |
| 101 Hexachlorobutadiene              | 225 |              | 26.076           |                  |    |          |                    | ND                   | 7     |
| 102 Naphthalene                      | 128 | 26.317       | 26.311           | 0.006            | 97 | 18697    | 0.0407             |                      |       |
| 103 1,2,3-Trichlorobenzene           | 180 | 26.718       | 26.723           | -0.005           | 91 | 10884    | 0.0445             |                      |       |
| 107 Chlorotrifluoroethene TIC        | 1   |              | 0.000            |                  |    |          |                    | ND                   |       |
| 108 Difluoroethane TIC               | 1   |              | 0.000            |                  |    |          |                    | ND                   |       |
| 109 Total Alkanes TIC                | 1   |              | 0.000            |                  |    |          |                    | ND                   |       |
| 110 Freon 115 TIC                    | 1   |              | 0.000            |                  |    |          |                    | ND                   |       |
| 111 1,1,1-Trifluoro-2,2-dichloroetha | 1   |              | 0.000            |                  |    |          |                    | ND                   |       |
| 112 Methylcyclohexane                | 83  |              | 0.000            |                  |    |          |                    | ND                   |       |

**QC Flag Legend**

Processing Flags

7 - Failed Limit of Detection

Review Flags

M - Manually Integrated

U - Marked Undetected

**Reagents:**

ATTO15WISs\_00009

Amount Added: 20.00

Units: mL

Run Reagent



Report Date: 21-Dec-2020 09:54:13

Chrom Revision: 2.3 09-Dec-2020 16:22:14

Eurofins TestAmerica, Burlington

Data File: \\chromfs\Burlington\ChromData\CHW.i\20201218-44134.b\44134-004.d

Injection Date: 18-Dec-2020 11:08:30

Instrument ID: CHW.i

Operator ID: ggg

Lims ID: mb

Worklist Smp#: 4

Client ID:

Purge Vol: 200.000 mL

Dil. Factor: 1.0000

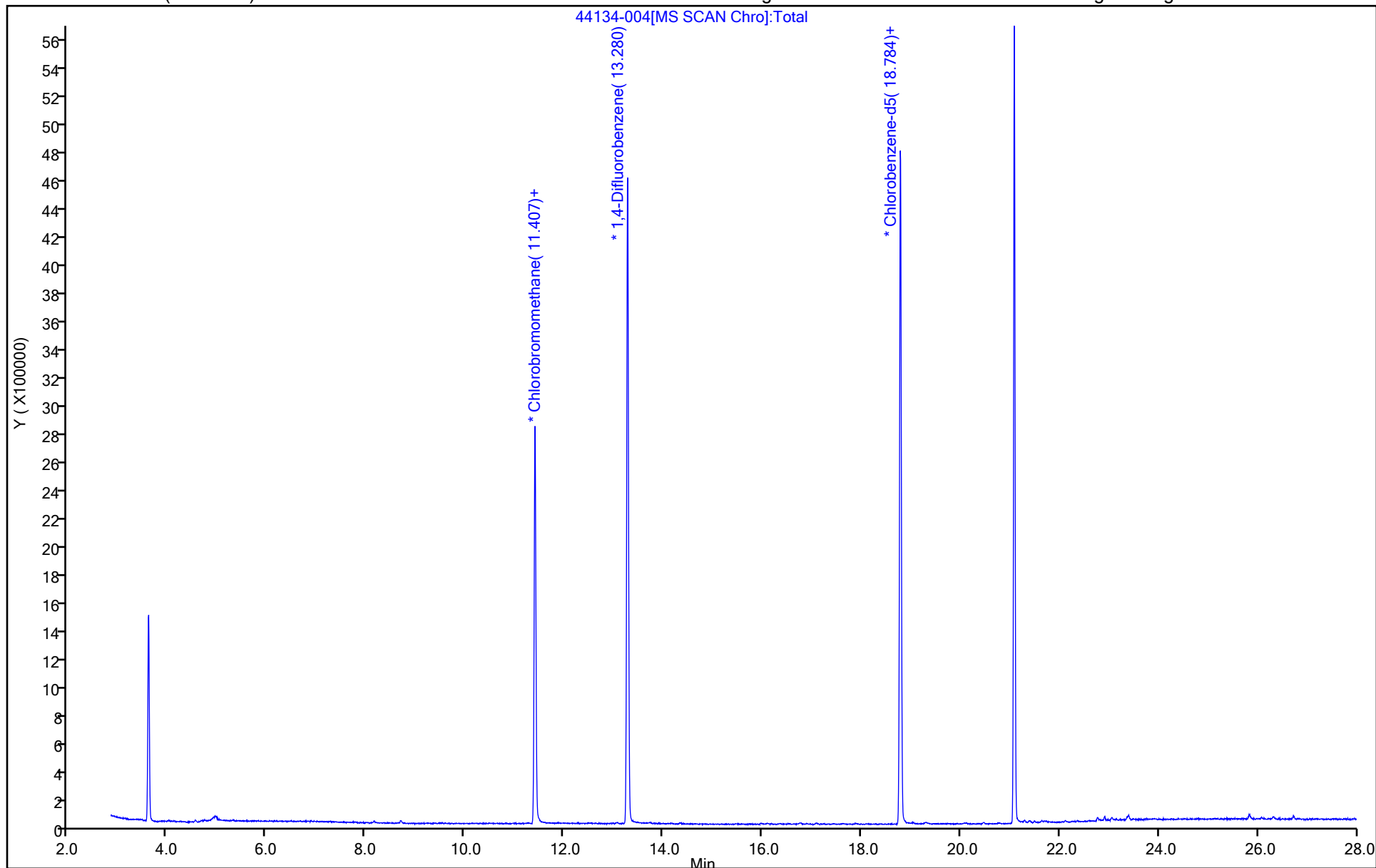
ALS Bottle#: 3

Method: TO15\_TO3\_MasterMethod\_W

Limit Group: AI\_TO15\_ICAL

Column: RTX-624 ( 0.32 mm)

Y Scaling: Method Defined: Scale to the Nth Largest Target: 1

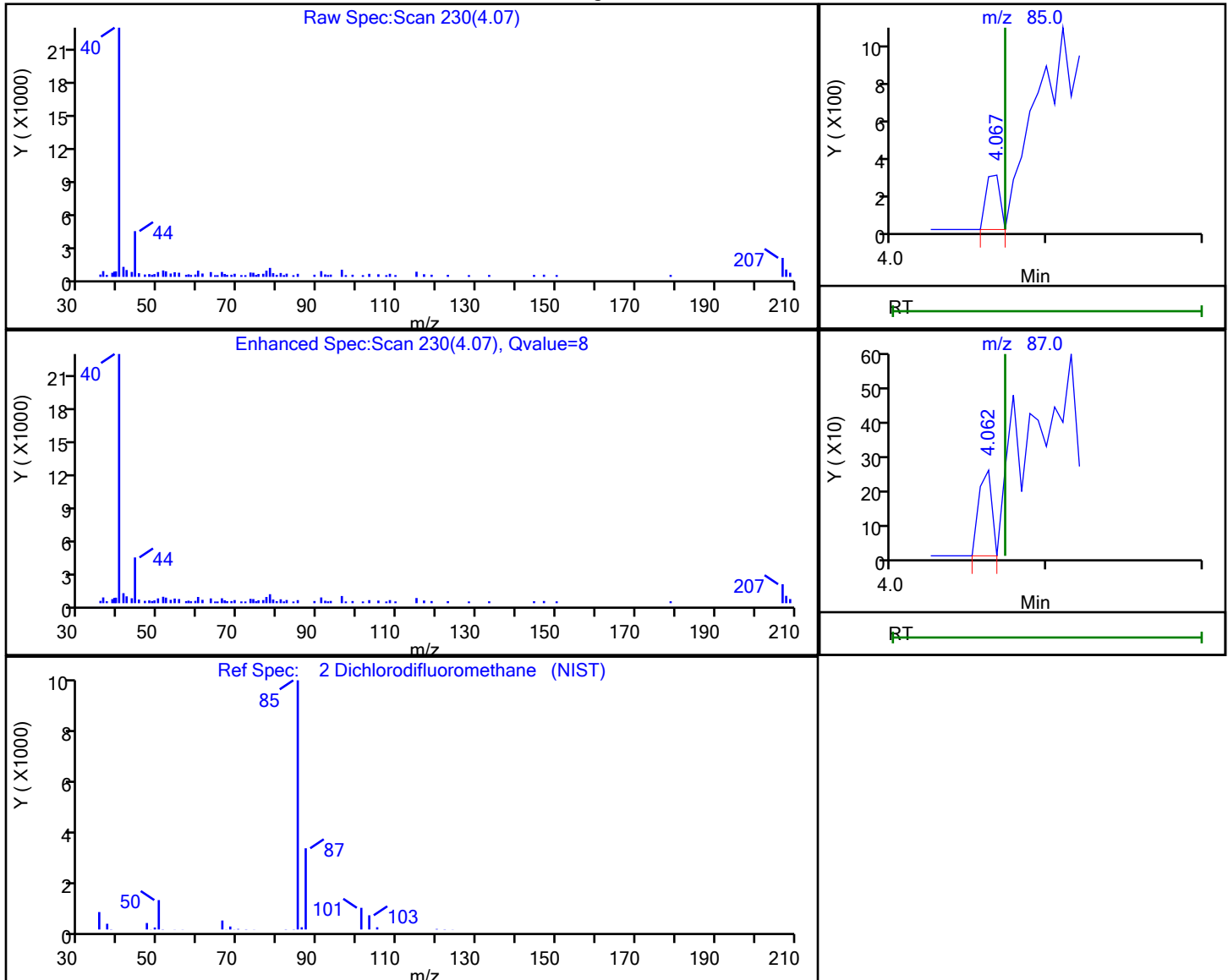


## Eurofins TestAmerica, Burlington

Data File: \\chromfs\Burlington\ChromData\CHW.i\20201218-44134.b\44134-004.d  
Injection Date: 18-Dec-2020 11:08:30 Instrument ID: CHW.i  
Lims ID: mb  
Client ID:  
Operator ID: ggg ALS Bottle#: 3 Worklist Smp#: 4  
Purge Vol: 200.000 mL Dil. Factor: 1.0000  
Method: TO15\_TO3\_MasterMethod\_W Limit Group: AI\_TO15\_ICAL  
Column: RTX-624 ( 0.32 mm) Detector: MS SCAN

## 2 Dichlorodifluoromethane, CAS: 75-71-8

## Processing Results



| RT   | Mass  | Response | Amount   |
|------|-------|----------|----------|
| 4.07 | 85.00 | 178      | 0.000351 |
| 4.06 | 87.00 | 146      |          |

Reviewer: bunmaa, 21-Dec-2020 09:37:49

Audit Action: Marked Compound Undetected

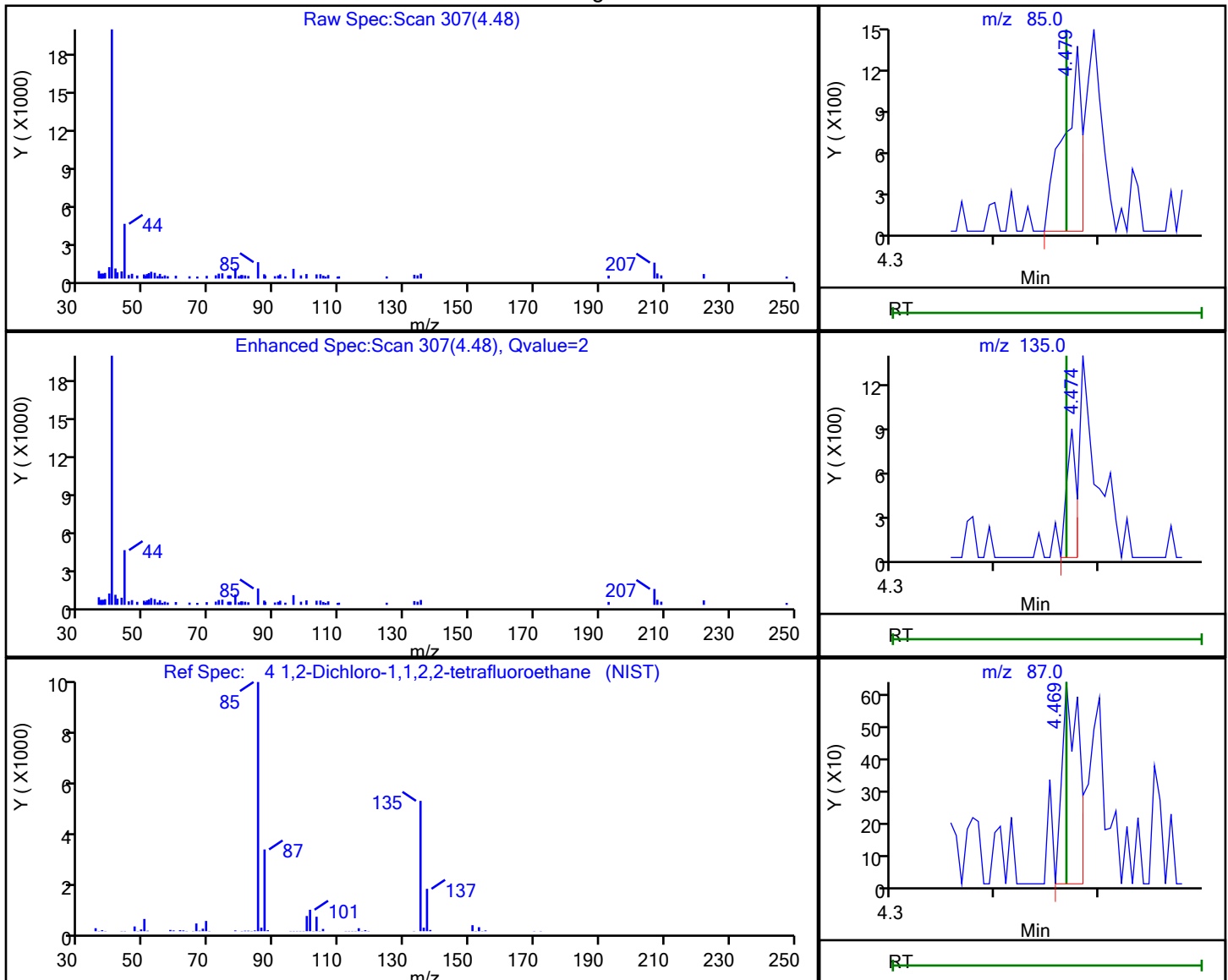
Audit Reason: Invalid Compound ID

## Eurofins TestAmerica, Burlington

Data File: \\chromfs\Burlington\ChromData\CHW.i\20201218-44134.b\44134-004.d  
Injection Date: 18-Dec-2020 11:08:30 Instrument ID: CHW.i  
Lims ID: mb  
Client ID:  
Operator ID: ggg ALS Bottle#: 3 Worklist Smp#: 4  
Purge Vol: 200.000 mL Dil. Factor: 1.0000  
Method: TO15\_TO3\_MasterMethod\_W Limit Group: AI\_TO15\_ICAL  
Column: RTX-624 ( 0.32 mm) Detector MS SCAN

## 4 1,2-Dichloro-1,1,2,2-tetrafluoroethane, CAS: 76-14-2

## Processing Results



| RT   | Mass   | Response | Amount   |
|------|--------|----------|----------|
| 4.48 | 85.00  | 1581     | 0.003049 |
| 4.47 | 135.00 | 553      |          |
| 4.47 | 87.00  | 707      |          |

Reviewer: bunmaa, 21-Dec-2020 09:38:19

Audit Action: Marked Compound Undetected

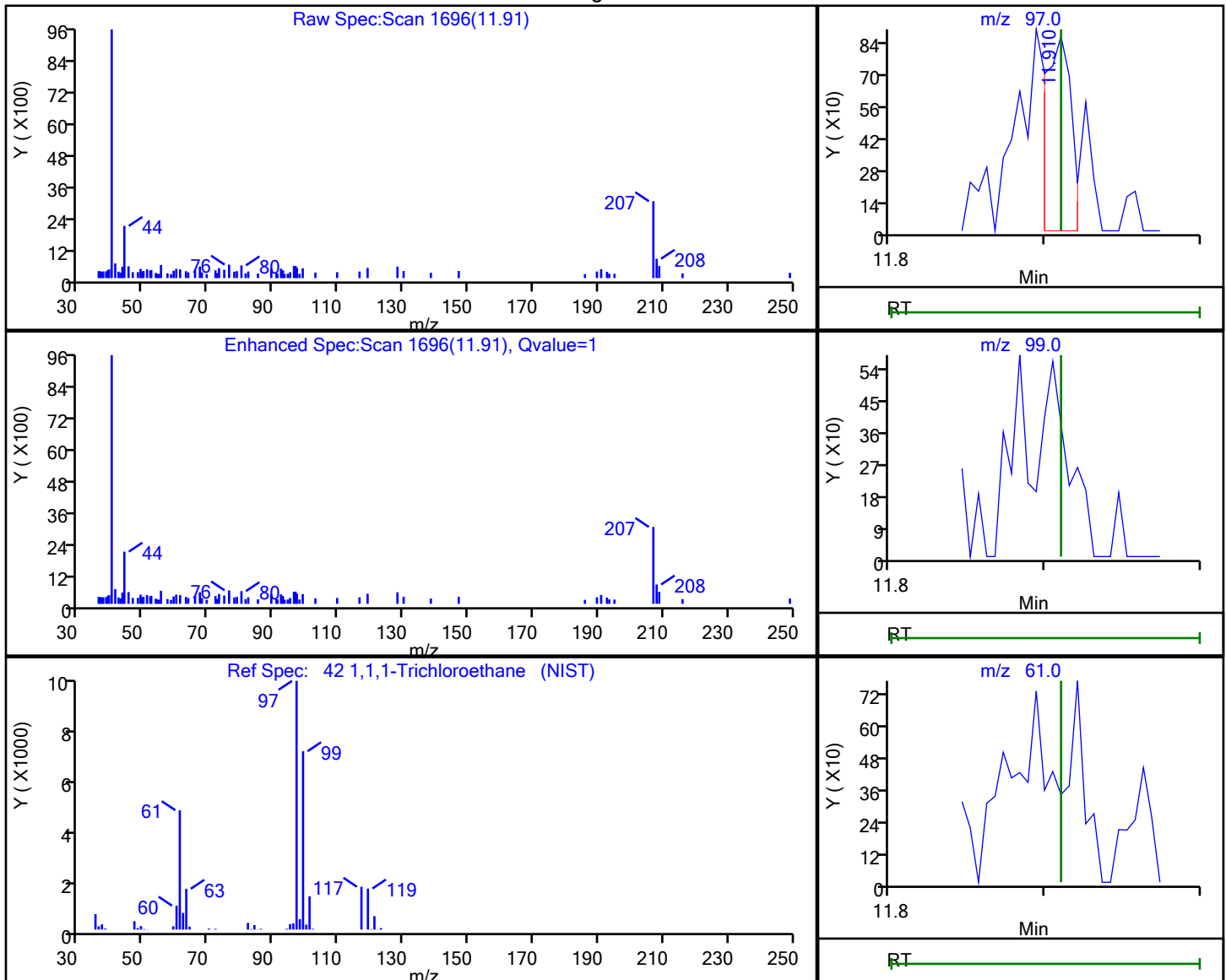
Audit Reason: Invalid Compound ID

## Eurofins TestAmerica, Burlington

Data File: \\chromfs\Burlington\ChromData\CHW.i\20201218-44134.b\44134-004.d  
Injection Date: 18-Dec-2020 11:08:30 Instrument ID: CHW.i  
Lims ID: mb  
Client ID:  
Operator ID: ggg ALS Bottle#: 3 Worklist Smp#: 4  
Purge Vol: 200.000 mL Dil. Factor: 1.0000  
Method: TO15\_TO3\_MasterMethod\_W Limit Group: AI\_TO15\_ICAL  
Column: RTX-624 ( 0.32 mm) Detector: MS SCAN

## 42 1,1,1-Trichloroethane, CAS: 71-55-6

## Processing Results



| RT    | Mass  | Response | Amount   |
|-------|-------|----------|----------|
| 11.91 | 97.00 | 1021     | 0.002896 |
| 11.91 | 99.00 | 0        |          |
| 11.91 | 61.00 | 0        |          |

Reviewer: bunmaa, 21-Dec-2020 09:40:52

Audit Action: Marked Compound Undetected

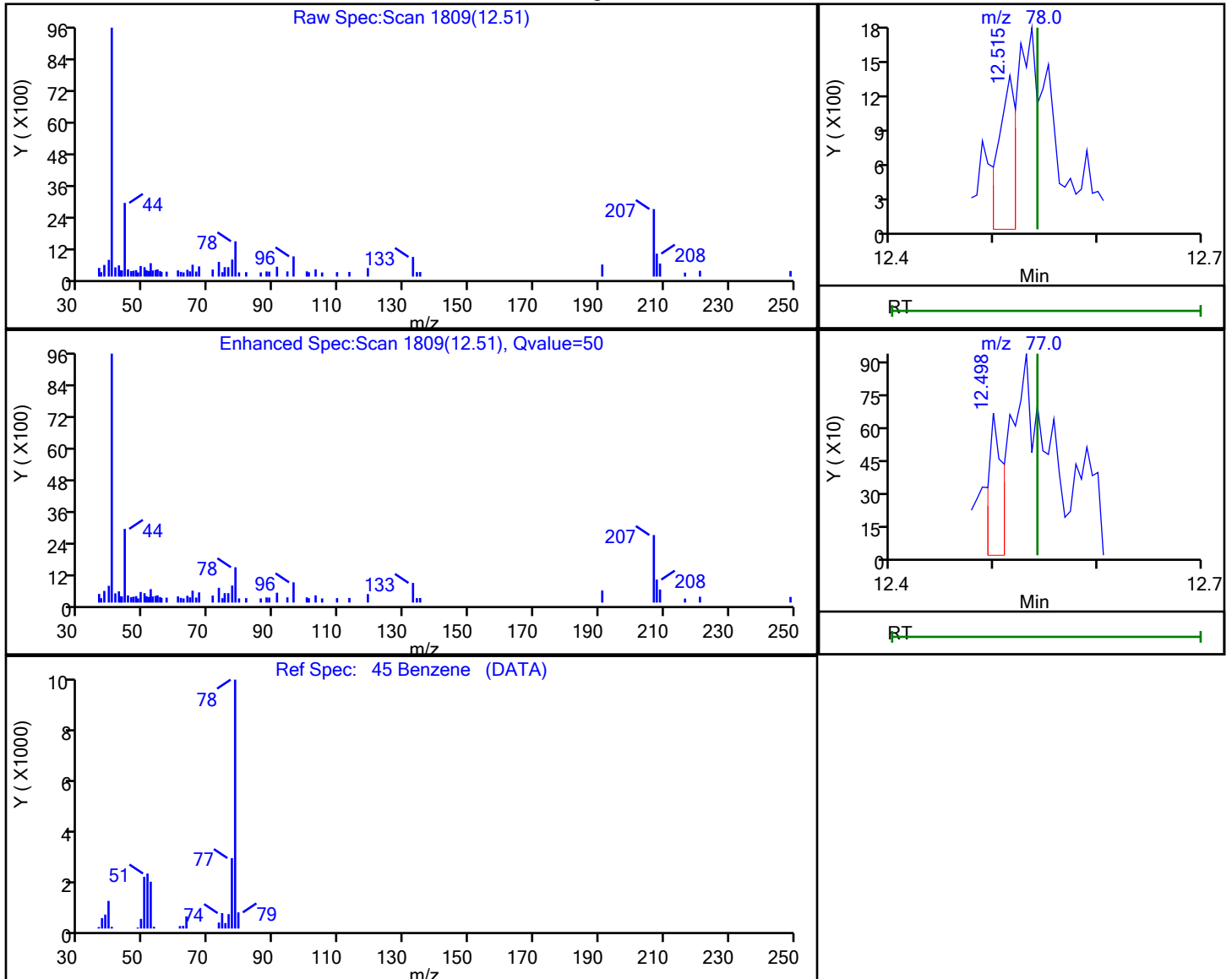
Audit Reason: Invalid Compound ID

## Eurofins TestAmerica, Burlington

Data File: \\chromfs\Burlington\ChromData\CHW.i\20201218-44134.b\44134-004.d  
Injection Date: 18-Dec-2020 11:08:30 Instrument ID: CHW.i  
Lims ID: mb  
Client ID:  
Operator ID: ggg ALS Bottle#: 3 Worklist Smp#: 4  
Purge Vol: 200.000 mL Dil. Factor: 1.0000  
Method: TO15\_TO3\_MasterMethod\_W Limit Group: AI\_TO15\_ICAL  
Column: RTX-624 ( 0.32 mm) Detector: MS SCAN

## 45 Benzene, CAS: 71-43-2

## Processing Results



| RT    | Mass  | Response | Amount   |
|-------|-------|----------|----------|
| 12.51 | 78.00 | 1550     | 0.003425 |
| 12.50 | 77.00 | 594      |          |

Reviewer: bunmaa, 21-Dec-2020 09:41:15

Audit Action: Marked Compound Undetected

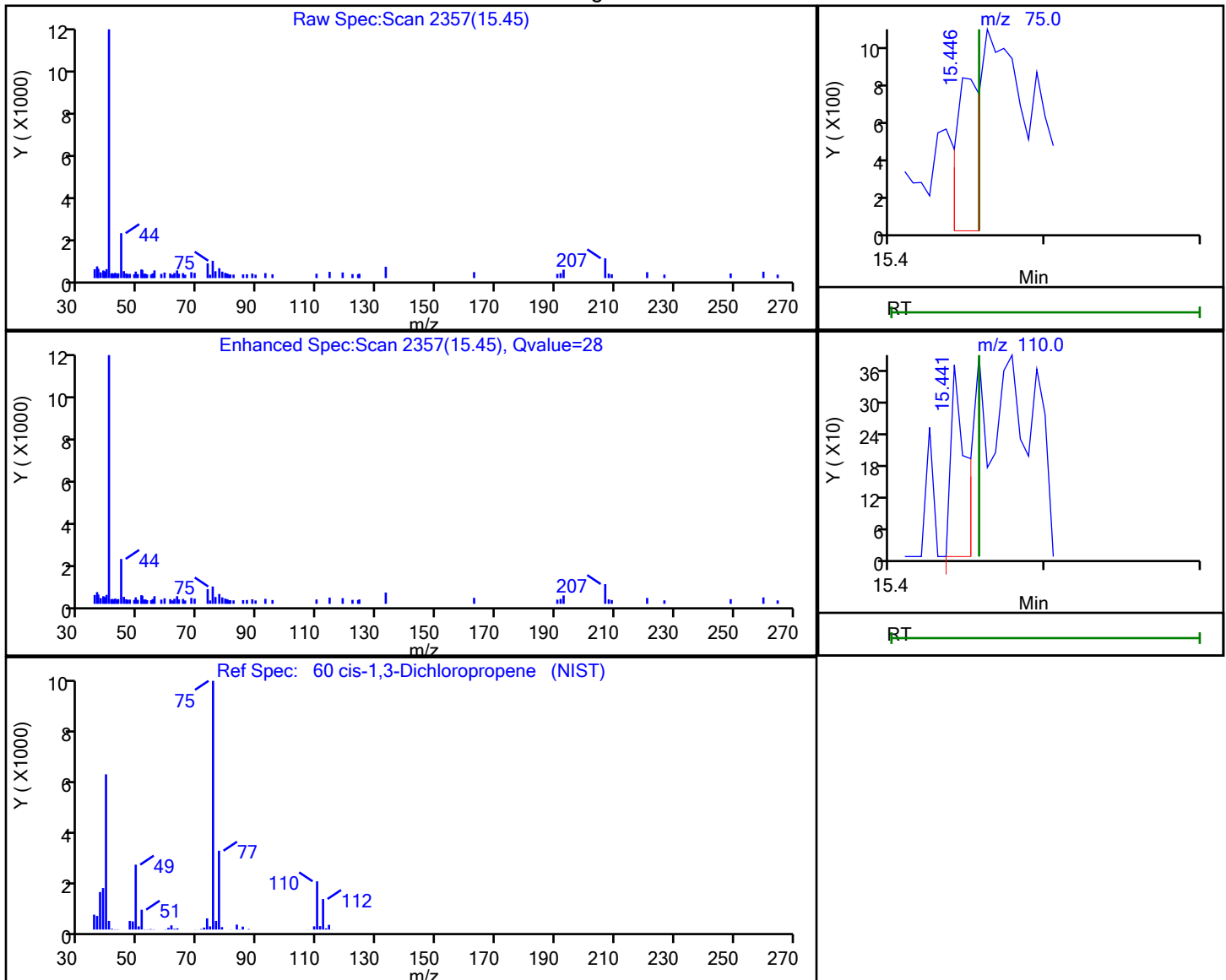
Audit Reason: Invalid Compound ID

## Eurofins TestAmerica, Burlington

Data File: \\chromfs\Burlington\ChromData\CHW.i\20201218-44134.b\44134-004.d  
Injection Date: 18-Dec-2020 11:08:30 Instrument ID: CHW.i  
Lims ID: mb  
Client ID:  
Operator ID: ggg ALS Bottle#: 3 Worklist Smp#: 4  
Purge Vol: 200.000 mL Dil. Factor: 1.0000  
Method: TO15\_TO3\_MasterMethod\_W Limit Group: AI\_TO15\_ICAL  
Column: RTX-624 ( 0.32 mm) Detector MS SCAN

## 60 cis-1,3-Dichloropropene, CAS: 10061-01-5

## Processing Results



| RT    | Mass   | Response | Amount   |
|-------|--------|----------|----------|
| 15.45 | 75.00  | 845      | 0.003068 |
| 15.44 | 110.00 | 241      |          |

Reviewer: bunmaa, 21-Dec-2020 09:45:31

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

## Eurofins TestAmerica, Burlington

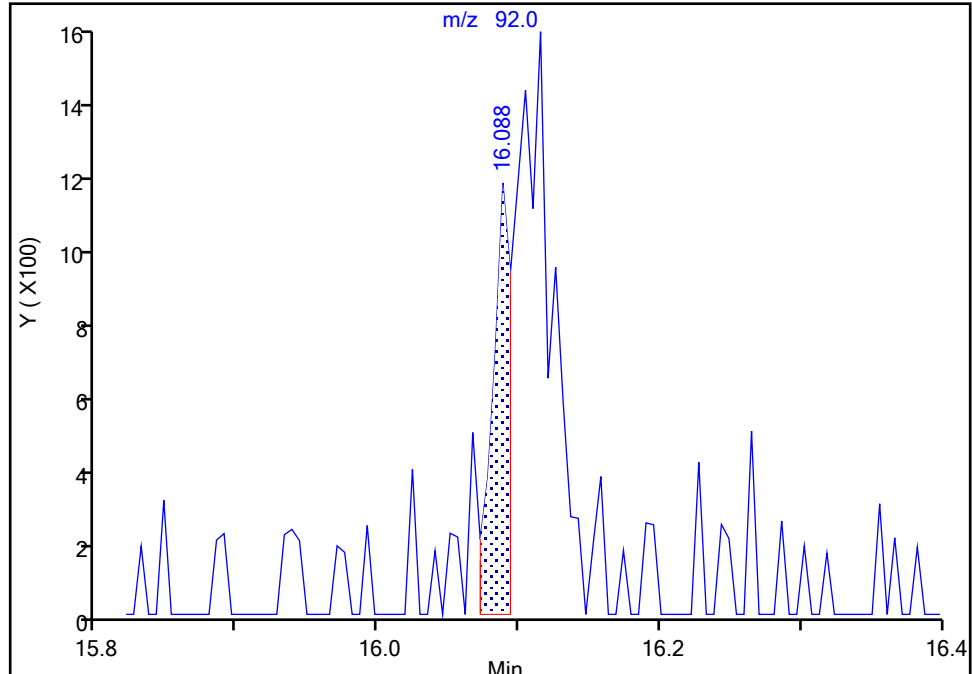
Data File: \\chromfs\Burlington\ChromData\CHW.i\20201218-44134.b\44134-004.d  
Injection Date: 18-Dec-2020 11:08:30 Instrument ID: CHW.i  
Lims ID: mb  
Client ID:  
Operator ID: ggg ALS Bottle#: 3 Worklist Smp#: 4  
Purge Vol: 200.000 mL Dil. Factor: 1.0000  
Method: TO15\_TO3\_MasterMethod\_W Limit Group: AI\_TO15\_ICAL  
Column: RTX-624 ( 0.32 mm) Detector: MS SCAN

**62 Toluene, CAS: 108-88-3**

Signal: 1

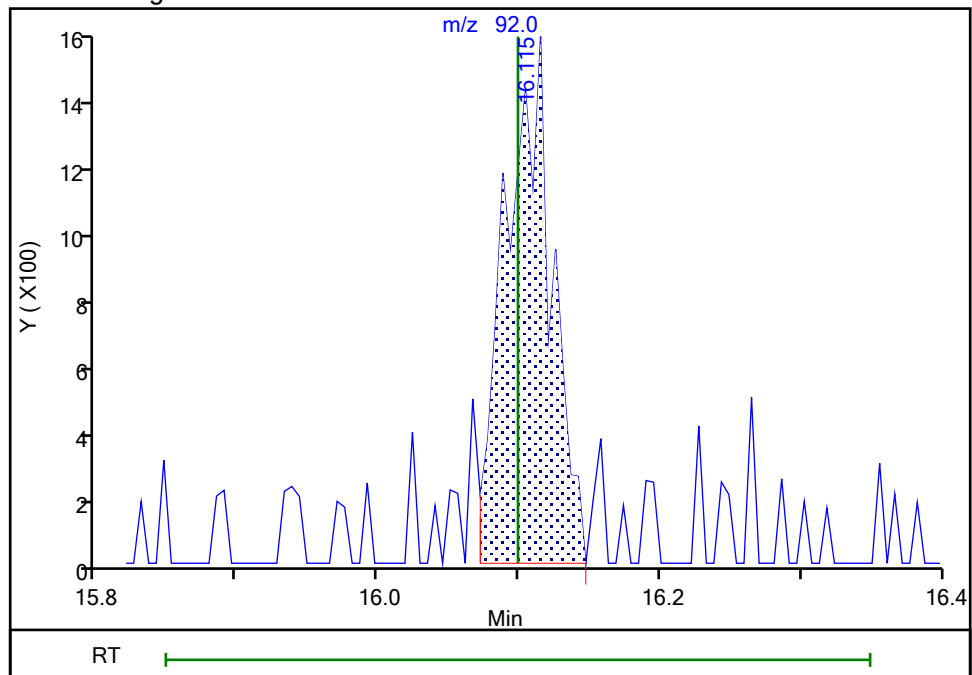
RT: 16.09  
Area: 1047  
Amount: 0.003617  
Amount Units: ppb v/v

## Processing Integration Results



RT: 16.11  
Area: 3508  
Amount: 0.012120  
Amount Units: ppb v/v

## Manual Integration Results



Reviewer: bunmaa, 21-Dec-2020 09:45:45

Audit Action: Manually Integrated

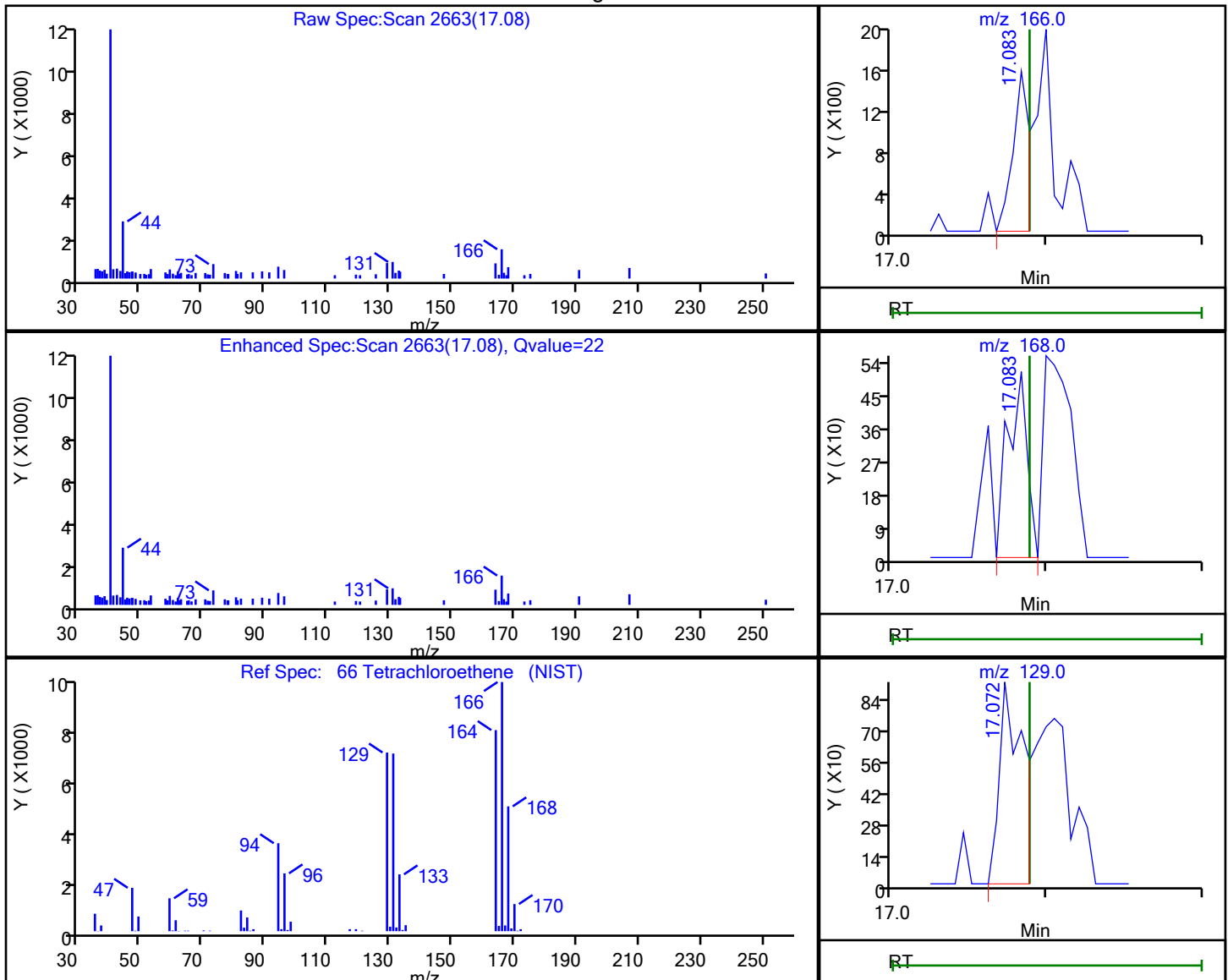
Audit Reason: Assign Peak

## Eurofins TestAmerica, Burlington

Data File: \\chromfs\Burlington\ChromData\CHW.i\20201218-44134.b\44134-004.d  
Injection Date: 18-Dec-2020 11:08:30 Instrument ID: CHW.i  
Lims ID: mb  
Client ID:  
Operator ID: ggg ALS Bottle#: 3 Worklist Smp#: 4  
Purge Vol: 200.000 mL Dil. Factor: 1.0000  
Method: TO15\_TO3\_MasterMethod\_W Limit Group: AI\_TO15\_ICAL  
Column: RTX-624 ( 0.32 mm) Detector: MS SCAN

## 66 Tetrachloroethene, CAS: 127-18-4

## Processing Results



| RT    | Mass   | Response | Amount   |
|-------|--------|----------|----------|
| 17.08 | 166.00 | 1160     | 0.003926 |
| 17.08 | 168.00 | 446      |          |
| 17.07 | 129.00 | 982      |          |

Reviewer: bunmaa, 21-Dec-2020 09:47:17

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID



## Eurofins TestAmerica, Burlington

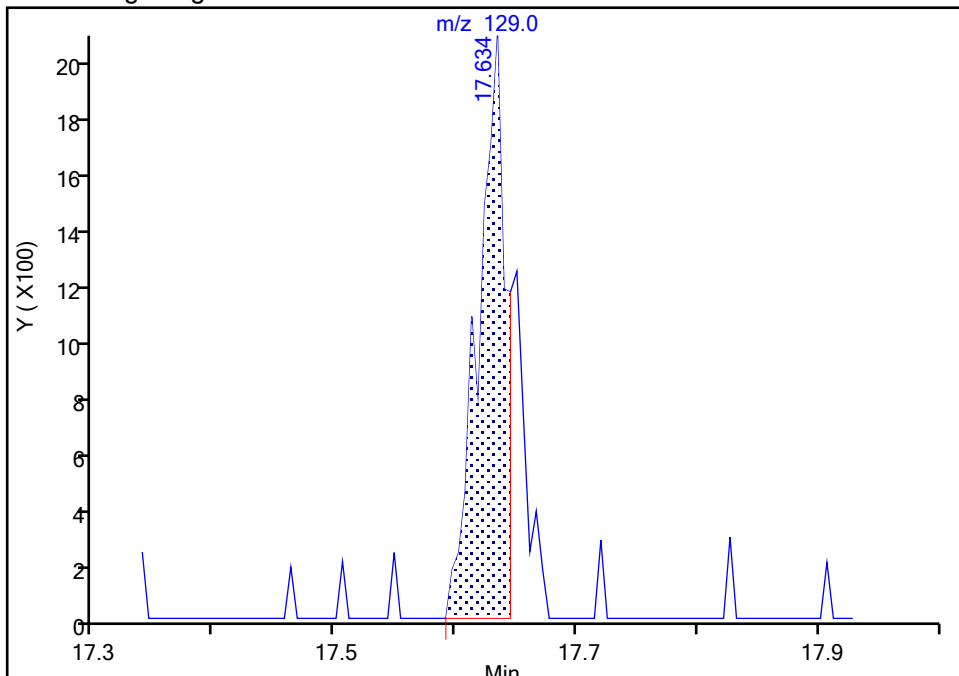
Data File: \\chromfs\Burlington\ChromData\CHW.i\20201218-44134.b\44134-004.d  
Injection Date: 18-Dec-2020 11:08:30 Instrument ID: CHW.i  
Lims ID: mb  
Client ID:  
Operator ID: ggg ALS Bottle#: 3 Worklist Smp#: 4  
Purge Vol: 200.000 mL Dil. Factor: 1.0000  
Method: TO15\_TO3\_MasterMethod\_W Limit Group: AI\_TO15\_ICAL  
Column: RTX-624 ( 0.32 mm) Detector: MS SCAN

**68 Chlorodibromomethane, CAS: 124-48-1**

Signal: 1

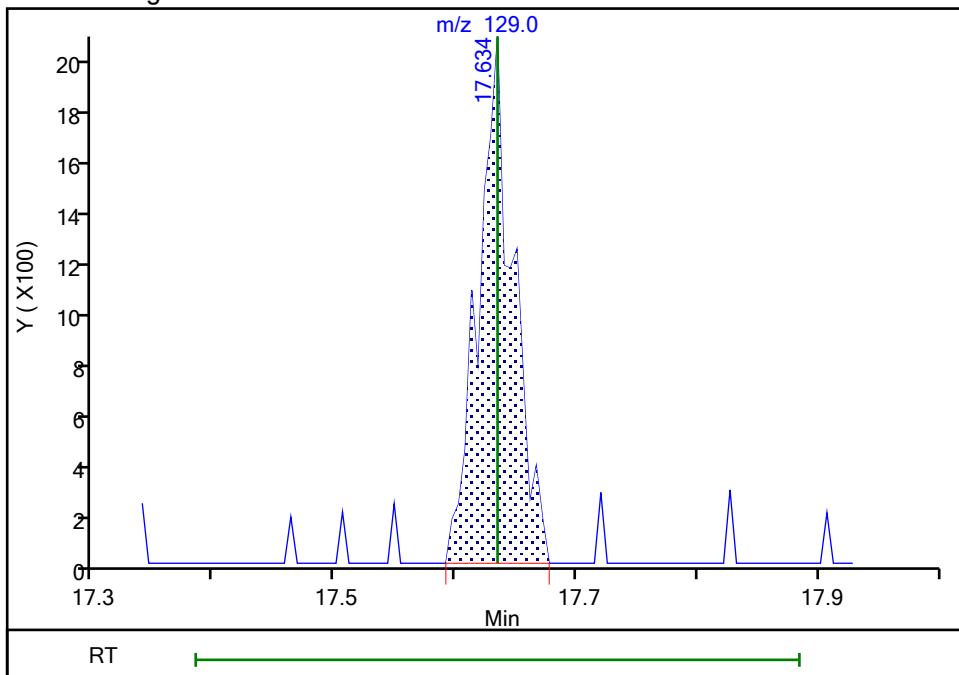
RT: 17.63  
Area: 3178  
Amount: 0.009194  
Amount Units: ppb v/v

## Processing Integration Results



RT: 17.63  
Area: 4030  
Amount: 0.011658  
Amount Units: ppb v/v

## Manual Integration Results



Reviewer: bunmaa, 21-Dec-2020 09:47:29

Audit Action: Manually Integrated

Audit Reason: Assign Peak

## Eurofins TestAmerica, Burlington

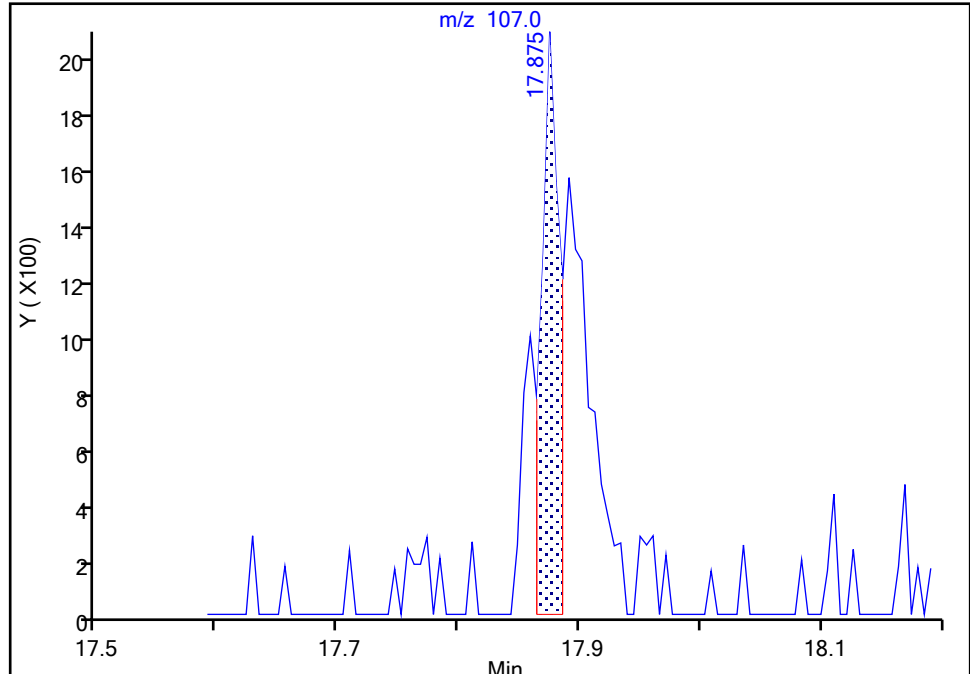
Data File: \\chromfs\Burlington\ChromData\CHW.i\20201218-44134.b\44134-004.d  
Injection Date: 18-Dec-2020 11:08:30 Instrument ID: CHW.i  
Lims ID: mb  
Client ID:  
Operator ID: ggg ALS Bottle#: 3 Worklist Smp#: 4  
Purge Vol: 200.000 mL Dil. Factor: 1.0000  
Method: TO15\_TO3\_MasterMethod\_W Limit Group: AI\_TO15\_ICAL  
Column: RTX-624 ( 0.32 mm) Detector: MS SCAN

**69 Ethylene Dibromide, CAS: 106-93-4**

Signal: 1

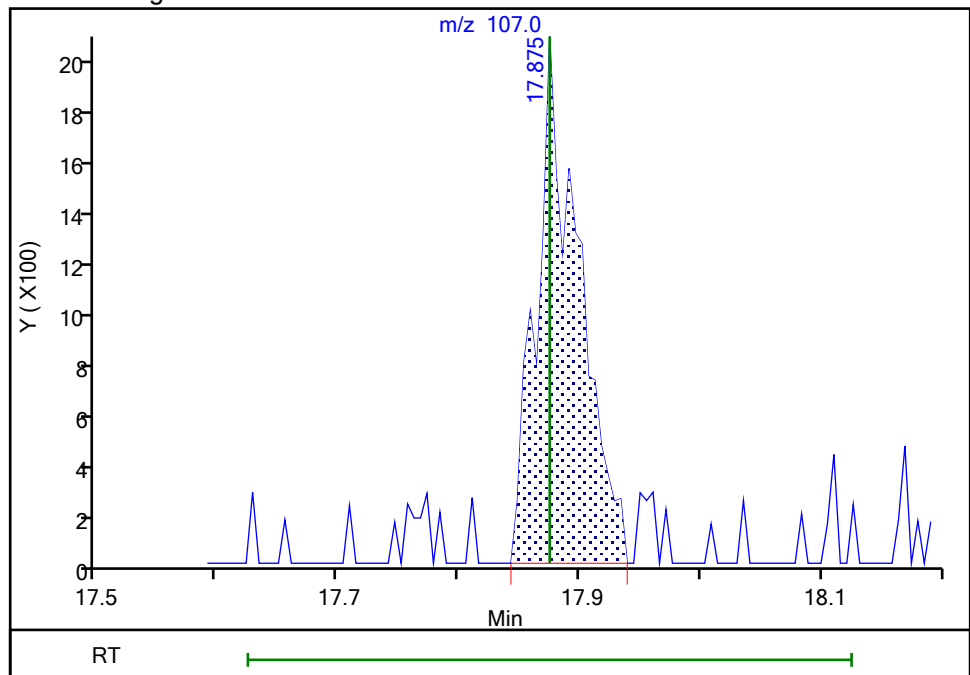
RT: 17.87  
Area: 2147  
Amount: 0.008408  
Amount Units: ppb v/v

## Processing Integration Results



RT: 17.87  
Area: 4937  
Amount: 0.019335  
Amount Units: ppb v/v

## Manual Integration Results



Reviewer: bunmaa, 21-Dec-2020 09:47:56

Audit Action: Manually Integrated

Audit Reason: Assign Peak

## Eurofins TestAmerica, Burlington

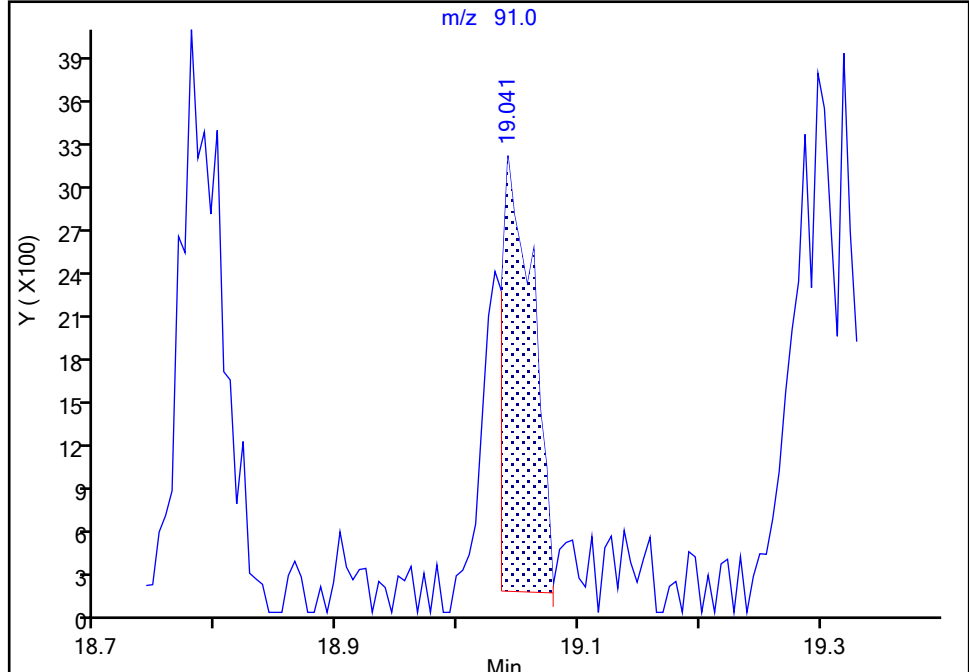
Data File: \\chromfs\Burlington\ChromData\CHW.i\20201218-44134.b\44134-004.d  
Injection Date: 18-Dec-2020 11:08:30 Instrument ID: CHW.i  
Lims ID: mb  
Client ID:  
Operator ID: ggg ALS Bottle#: 3 Worklist Smp#: 4  
Purge Vol: 200.000 mL Dil. Factor: 1.0000  
Method: TO15\_TO3\_MasterMethod\_W Limit Group: AI\_TO15\_ICAL  
Column: RTX-624 ( 0.32 mm) Detector: MS SCAN

**73 Ethylbenzene, CAS: 100-41-4**

Signal: 1

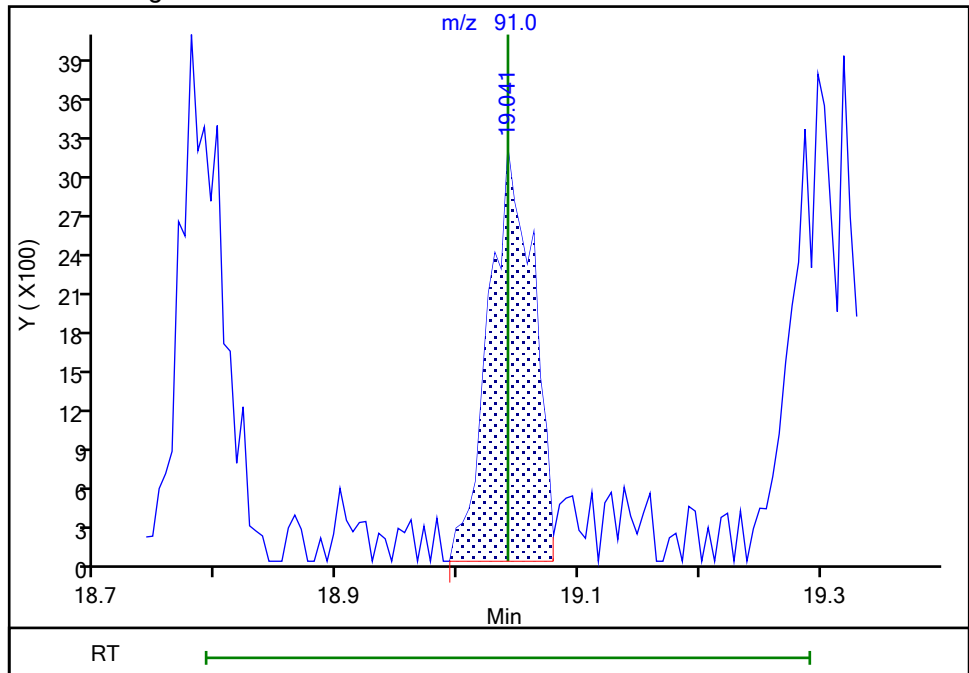
RT: 19.04  
Area: 5355  
Amount: 0.008277  
Amount Units: ppb v/v

## Processing Integration Results



RT: 19.04  
Area: 8094  
Amount: 0.012511  
Amount Units: ppb v/v

## Manual Integration Results



Reviewer: bunmaa, 21-Dec-2020 09:49:10

Audit Action: Manually Integrated

Audit Reason: Assign Peak

## Eurofins TestAmerica, Burlington

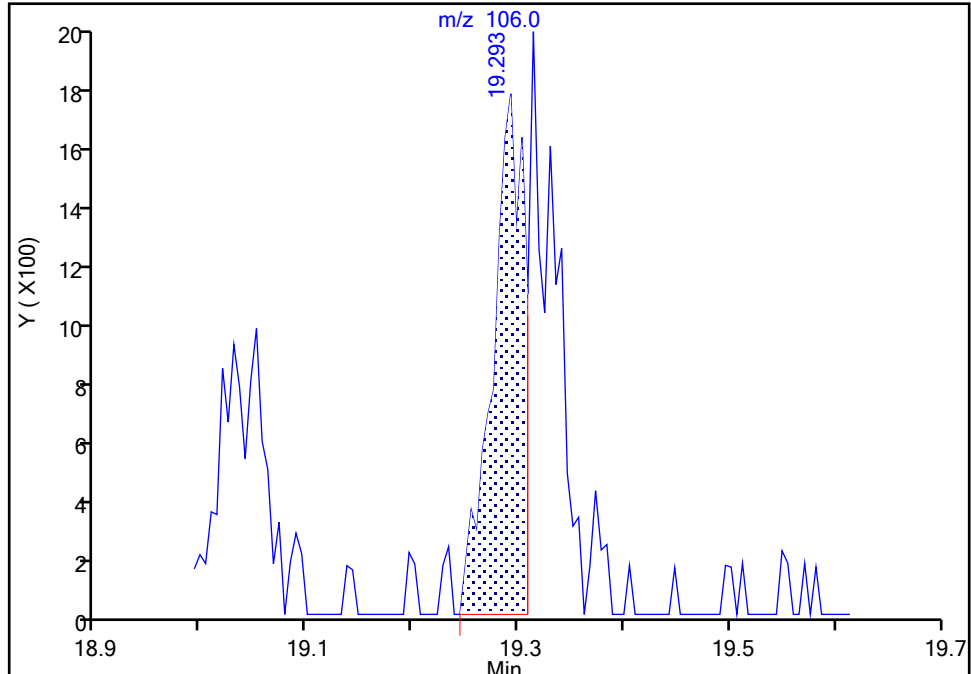
Data File: \\chromfs\Burlington\ChromData\CHW.i\20201218-44134.b\44134-004.d  
Injection Date: 18-Dec-2020 11:08:30 Instrument ID: CHW.i  
Lims ID: mb  
Client ID:  
Operator ID: ggg ALS Bottle#: 3 Worklist Smp#: 4  
Purge Vol: 200.000 mL Dil. Factor: 1.0000  
Method: TO15\_TO3\_MasterMethod\_W Limit Group: AI\_TO15\_ICAL  
Column: RTX-624 ( 0.32 mm) Detector: MS SCAN

**74 m-Xylene & p-Xylene, CAS: 179601-23-1**

Signal: 1

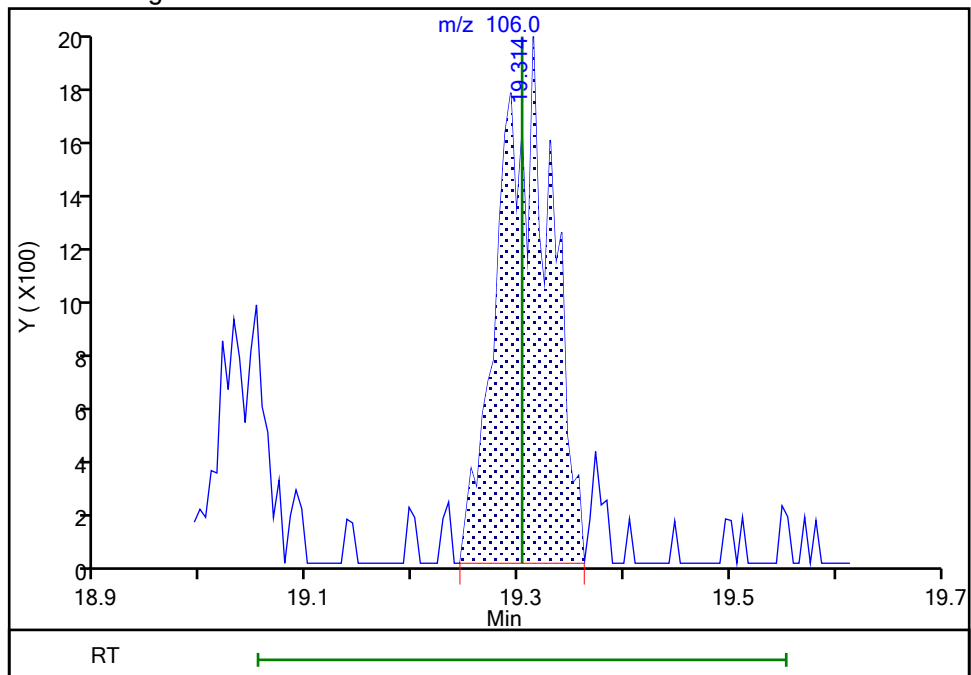
RT: 19.29  
Area: 3658  
Amount: 0.014609  
Amount Units: ppb v/v

## Processing Integration Results



RT: 19.31  
Area: 6618  
Amount: 0.026430  
Amount Units: ppb v/v

## Manual Integration Results



Reviewer: bunmaa, 21-Dec-2020 09:49:38

Audit Action: Manually Integrated

Audit Reason: Assign Peak

## Eurofins TestAmerica, Burlington

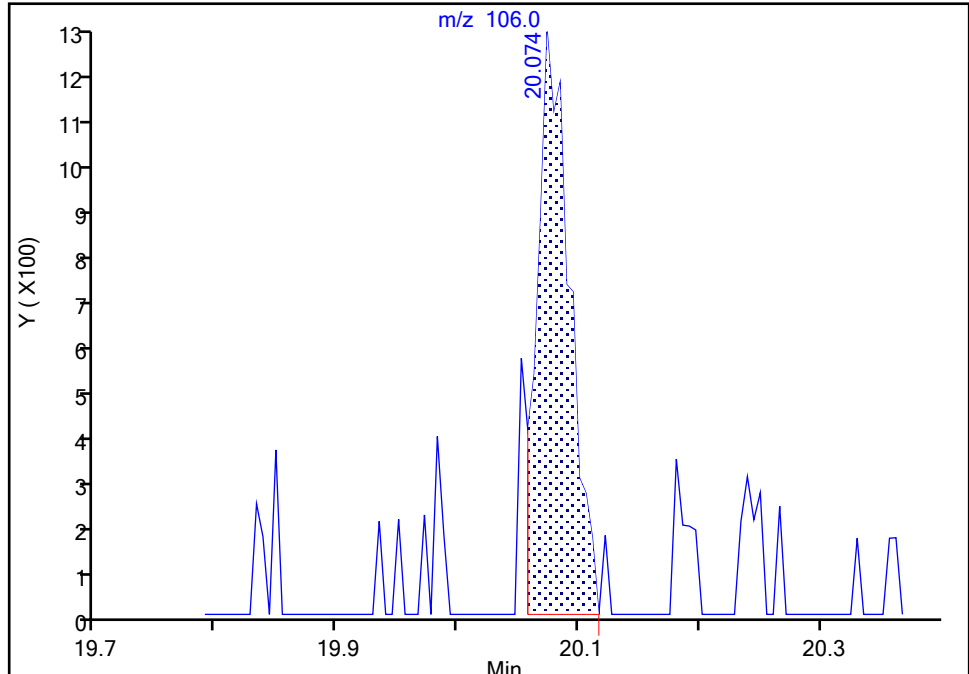
Data File: \\chromfs\Burlington\ChromData\CHW.i\20201218-44134.b\44134-004.d  
Injection Date: 18-Dec-2020 11:08:30 Instrument ID: CHW.i  
Lims ID: mb  
Client ID:  
Operator ID: ggg ALS Bottle#: 3 Worklist Smp#: 4  
Purge Vol: 200.000 mL Dil. Factor: 1.0000  
Method: TO15\_TO3\_MasterMethod\_W Limit Group: AI\_TO15\_ICAL  
Column: RTX-624 ( 0.32 mm) Detector: MS SCAN

**76 o-Xylene, CAS: 95-47-6**

Signal: 1

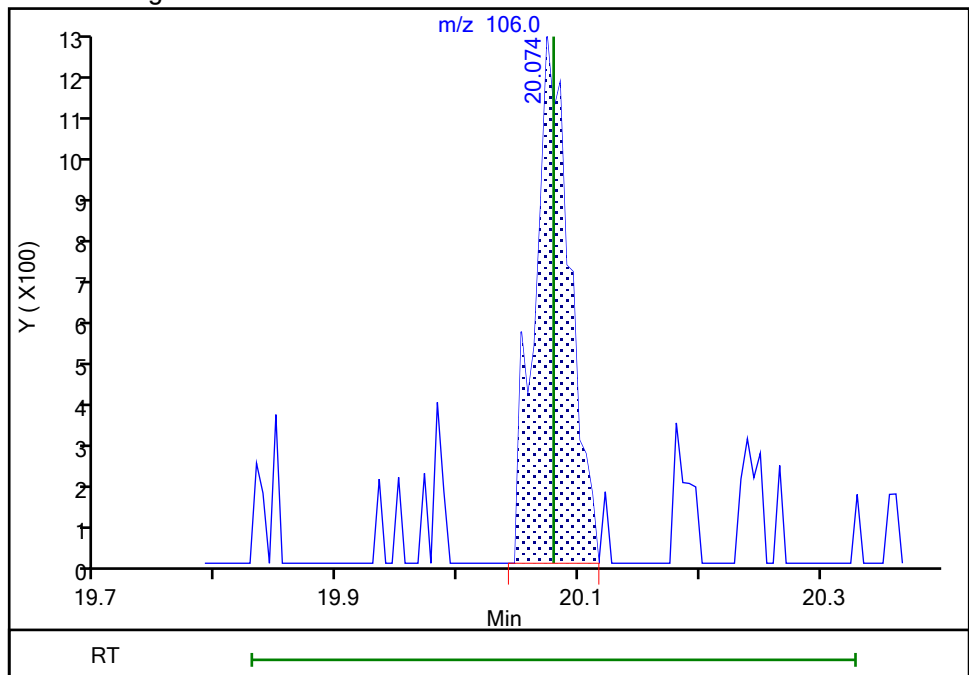
RT: 20.07  
Area: 2265  
Amount: 0.009566  
Amount Units: ppb v/v

## Processing Integration Results



RT: 20.07  
Area: 2434  
Amount: 0.010280  
Amount Units: ppb v/v

## Manual Integration Results



Reviewer: bunmaa, 21-Dec-2020 09:50:02

Audit Action: Manually Integrated

Audit Reason: Assign Peak

## Eurofins TestAmerica, Burlington

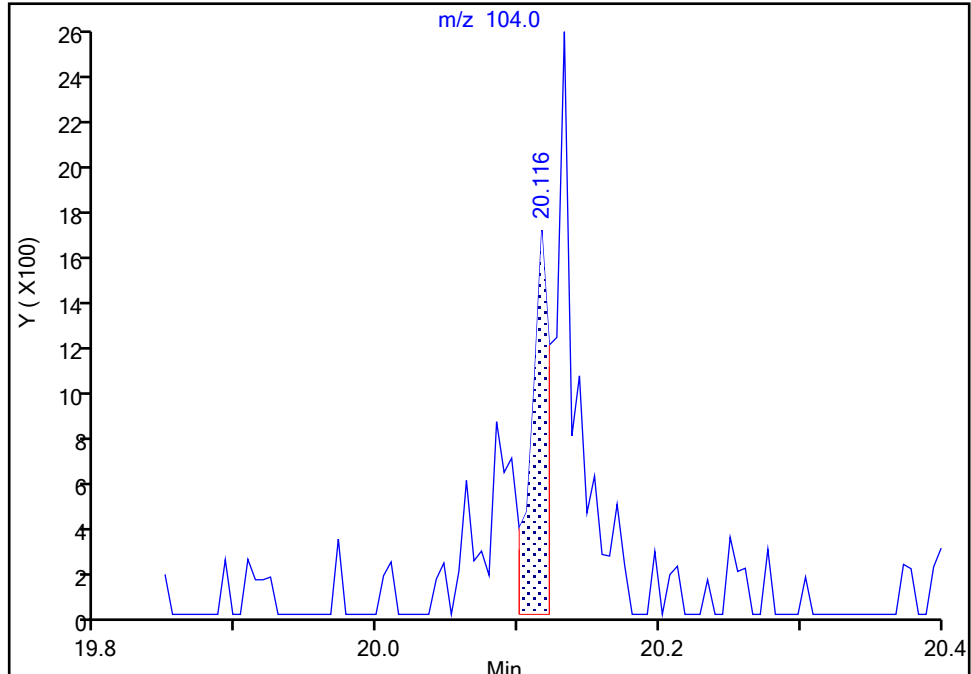
Data File: \\chromfs\Burlington\ChromData\CHW.i\20201218-44134.b\44134-004.d  
Injection Date: 18-Dec-2020 11:08:30 Instrument ID: CHW.i  
Lims ID: mb  
Client ID:  
Operator ID: ggg ALS Bottle#: 3 Worklist Smp#: 4  
Purge Vol: 200.000 mL Dil. Factor: 1.0000  
Method: TO15\_TO3\_MasterMethod\_W Limit Group: AI\_TO15\_ICAL  
Column: RTX-624 ( 0.32 mm) Detector: MS SCAN

**78 Styrene, CAS: 100-42-5**

Signal: 1

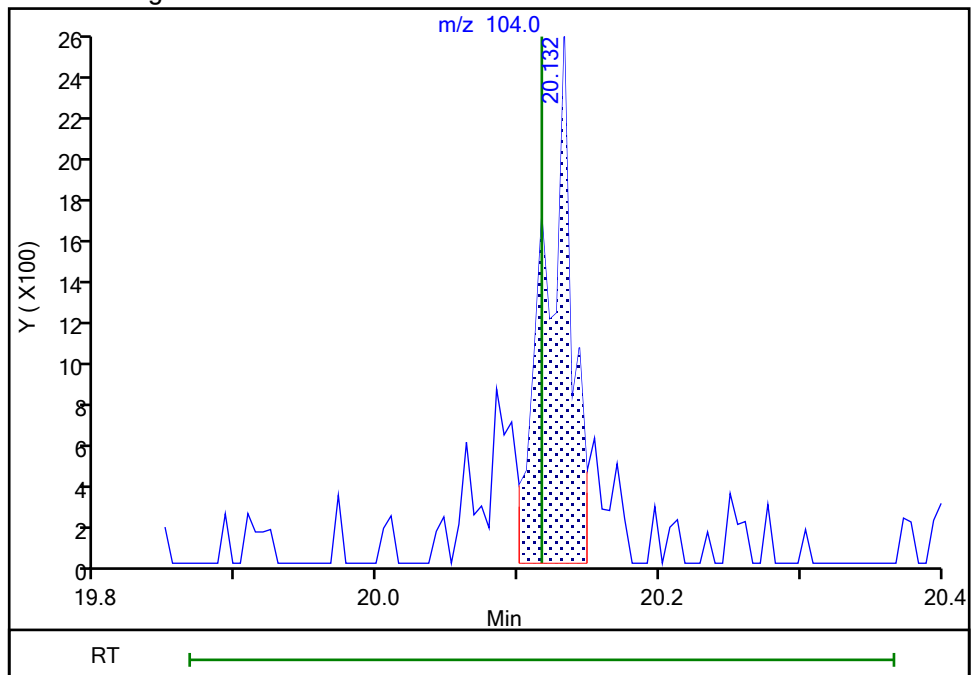
RT: 20.12  
Area: 1522  
Amount: 0.004223  
Amount Units: ppb v/v

## Processing Integration Results



RT: 20.13  
Area: 3478  
Amount: 0.009649  
Amount Units: ppb v/v

## Manual Integration Results



Reviewer: bunmaa, 21-Dec-2020 09:50:41

Audit Action: Manually Integrated

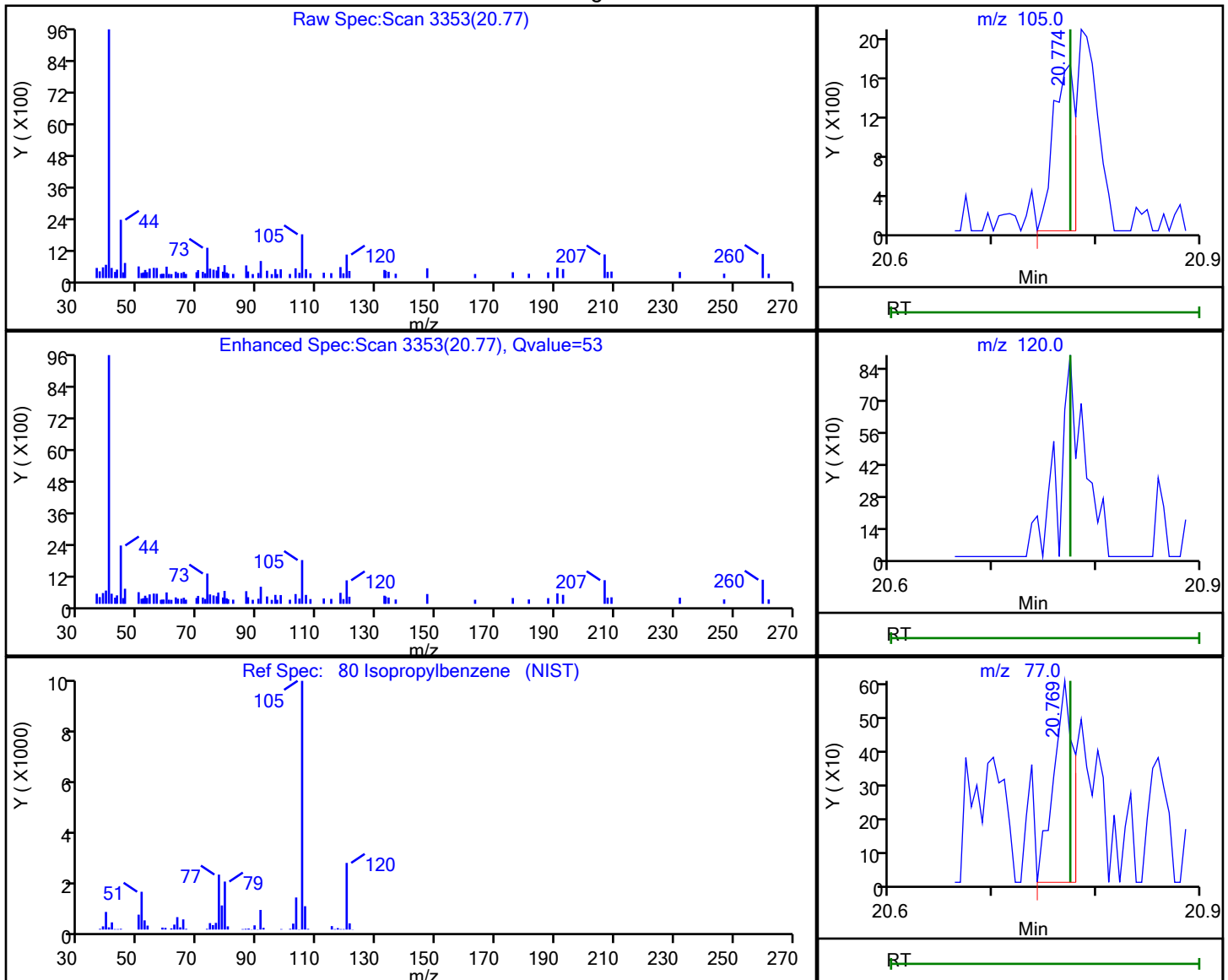
Audit Reason: Assign Peak

## Eurofins TestAmerica, Burlington

Data File: \\chromfs\Burlington\ChromData\CHW.i\20201218-44134.b\44134-004.d  
Injection Date: 18-Dec-2020 11:08:30 Instrument ID: CHW.i  
Lims ID: mb  
Client ID:  
Operator ID: ggg ALS Bottle#: 3 Worklist Smp#: 4  
Purge Vol: 200.000 mL Dil. Factor: 1.0000  
Method: TO15\_TO3\_MasterMethod\_W Limit Group: AI\_TO15\_ICAL  
Column: RTX-624 ( 0.32 mm) Detector MS SCAN

## 80 Isopropylbenzene, CAS: 98-82-8

## Processing Results



| RT    | Mass   | Response | Amount   |
|-------|--------|----------|----------|
| 20.77 | 105.00 | 2458     | 0.003529 |
| 20.77 | 120.00 | 0        |          |
| 20.77 | 77.00  | 806      |          |

Reviewer: bunmaa, 21-Dec-2020 09:51:20

Audit Action: Marked Compound Undetected

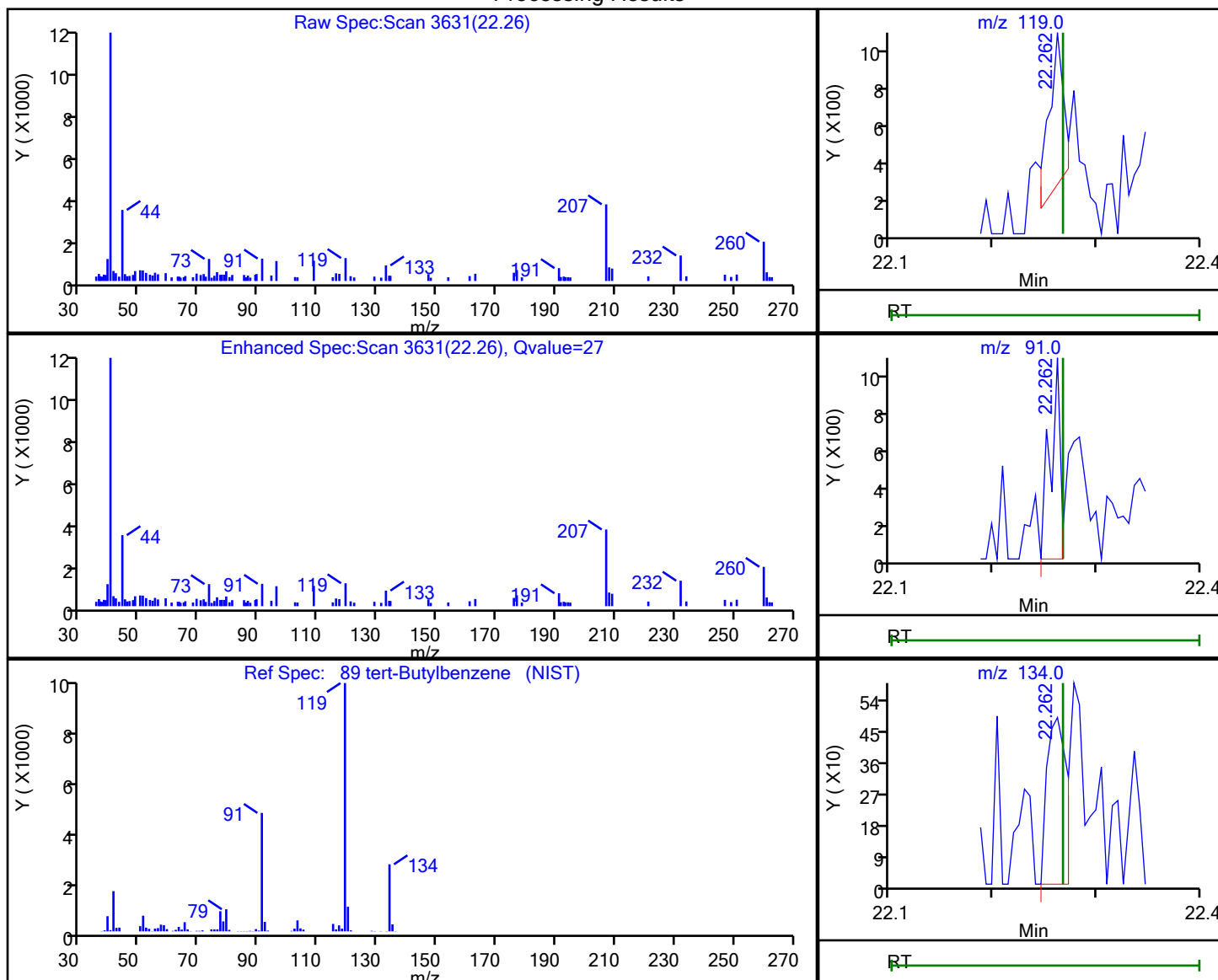
Audit Reason: Invalid Compound ID

## Eurofins TestAmerica, Burlington

Data File: \\chromfs\Burlington\ChromData\CHW.i\20201218-44134.b\44134-004.d  
Injection Date: 18-Dec-2020 11:08:30 Instrument ID: CHW.i  
Lims ID: mb  
Client ID:  
Operator ID: ggg ALS Bottle#: 3 Worklist Smp#: 4  
Purge Vol: 200.000 mL Dil. Factor: 1.0000  
Method: TO15\_TO3\_MasterMethod\_W Limit Group: AI\_TO15\_ICAL  
Column: RTX-624 ( 0.32 mm) Detector: MS SCAN

## 89 tert-Butylbenzene, CAS: 98-06-6

## Processing Results



| RT    | Mass   | Response | Amount   |
|-------|--------|----------|----------|
| 22.26 | 119.00 | 797      | 0.001340 |
| 22.26 | 91.00  | 709      |          |
| 22.26 | 134.00 | 637      |          |

Reviewer: bunmaa, 21-Dec-2020 09:52:28

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

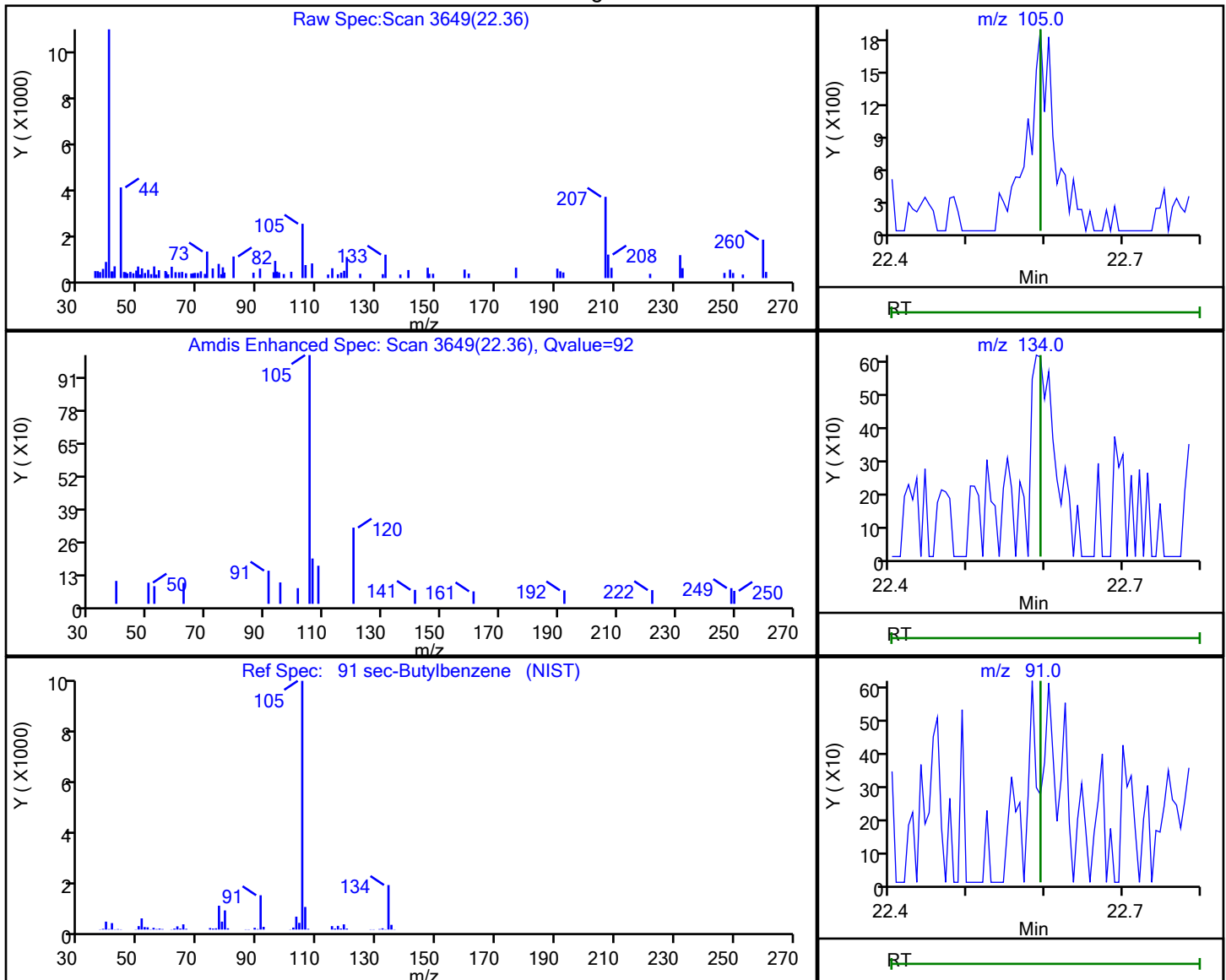


## Eurofins TestAmerica, Burlington

Data File: \\chromfs\Burlington\ChromData\CHW.i\20201218-44134.b\44134-004.d  
Injection Date: 18-Dec-2020 11:08:30 Instrument ID: CHW.i  
Lims ID: mb  
Client ID:  
Operator ID: ggg ALS Bottle#: 3 Worklist Smp#: 4  
Purge Vol: 200.000 mL Dil. Factor: 1.0000  
Method: TO15\_TO3\_MasterMethod\_W Limit Group: AI\_TO15\_ICAL  
Column: RTX-624 ( 0.32 mm) Detector: MS SCAN

## 91 sec-Butylbenzene, CAS: 135-98-8

## Processing Results



| RT    | Mass   | Response | Amount   |
|-------|--------|----------|----------|
| 22.36 | 105.00 | 4470     | 0.005189 |
| 22.34 | 134.00 | 255      |          |
| 22.59 | 91.00  | 0        |          |

Reviewer: bunmaa, 21-Dec-2020 09:52:49

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

## Eurofins TestAmerica, Burlington

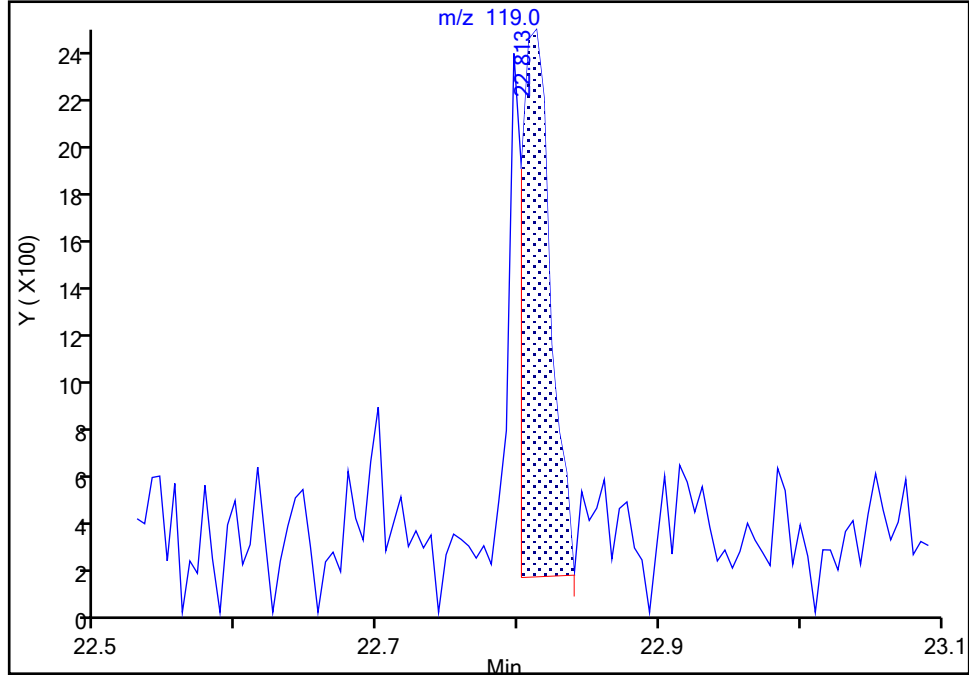
Data File: \\chromfs\Burlington\ChromData\CHW.i\20201218-44134.b\44134-004.d  
Injection Date: 18-Dec-2020 11:08:30 Instrument ID: CHW.i  
Lims ID: mb  
Client ID:  
Operator ID: ggg ALS Bottle#: 3 Worklist Smp#: 4  
Purge Vol: 200.000 mL Dil. Factor: 1.0000  
Method: TO15\_TO3\_MasterMethod\_W Limit Group: AI\_TO15\_ICAL  
Column: RTX-624 ( 0.32 mm) Detector: MS SCAN

**93 4-Isopropyltoluene, CAS: 99-87-6**

Signal: 1

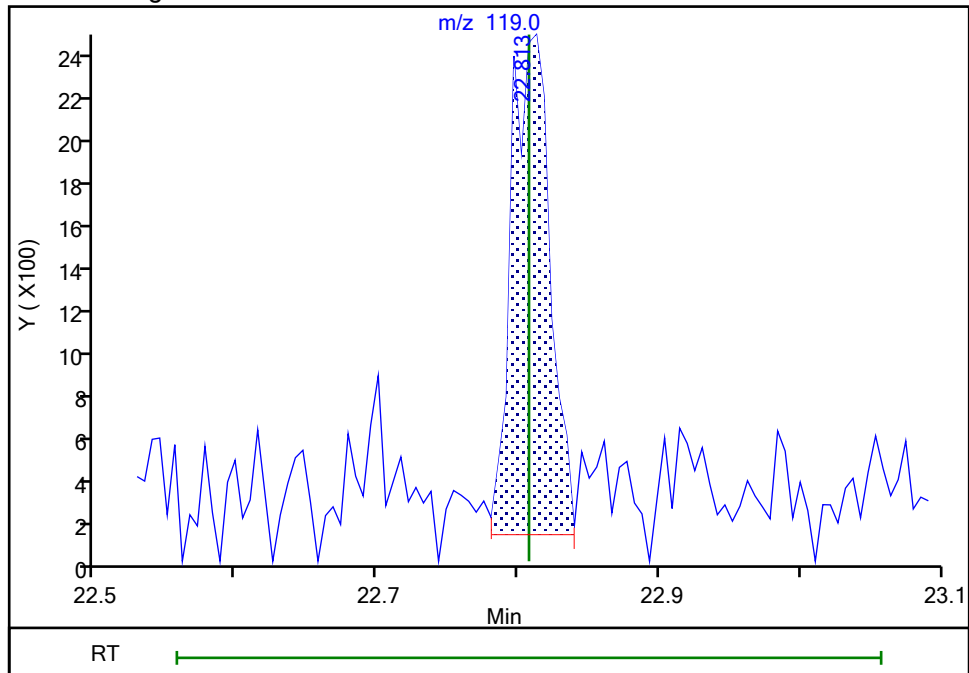
RT: 22.81  
Area: 3319  
Amount: 0.004500  
Amount Units: ppb v/v

## Processing Integration Results



RT: 22.81  
Area: 4452  
Amount: 0.006036  
Amount Units: ppb v/v

## Manual Integration Results



Reviewer: bunmaa, 21-Dec-2020 09:53:05

Audit Action: Manually Integrated

Audit Reason: Assign Peak

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

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-56451-1  
 SDG No.: 200-56451-1  
 Client Sample ID: \_\_\_\_\_ Lab Sample ID: MB 200-162248/4  
 Matrix: Air Lab File ID: 44136-04.D  
 Analysis Method: TO-15 Date Collected: \_\_\_\_\_  
 Sample wt/vol: 200 (mL) Date Analyzed: 12/18/2020 13:45  
 Soil Aliquot Vol: \_\_\_\_\_ Dilution Factor: 1  
 Soil Extract Vol.: \_\_\_\_\_ GC Column: RTX-624 ID: 0.32 (mm)  
 % Moisture: \_\_\_\_\_ Level: (low/med) Low  
 Analysis Batch No.: 162248 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  | 0.42 |
| 76-14-2   | 1,2-Dichlorotetrafluoroethane    | 170.92           | 1.4    | U | 1.4  | 0.24 |
| 74-87-3   | Chloromethane                    | 50.49            | 1.0    | U | 1.0  | 0.23 |
| 106-97-8  | n-Butane                         | 58.12            | 1.2    | U | 1.2  | 0.26 |
| 75-01-4   | Vinyl chloride                   | 62.50            | 0.20   | U | 0.20 | 0.11 |
| 106-99-0  | 1,3-Butadiene                    | 54.09            | 0.44   | U | 0.44 | 0.13 |
| 74-83-9   | Bromomethane                     | 94.94            | 0.78   | U | 0.78 | 0.20 |
| 75-00-3   | Chloroethane                     | 64.52            | 1.3    | U | 1.3  | 0.14 |
| 593-60-2  | Bromoethene (Vinyl Bromide)      | 106.96           | 0.87   | U | 0.87 | 0.23 |
| 75-69-4   | Trichlorofluoromethane           | 137.37           | 1.1    | U | 1.1  | 0.34 |
| 76-13-1   | 1,1,2-Trichlorotrifluoroethane   | 187.38           | 1.5    | U | 1.5  | 0.29 |
| 75-35-4   | 1,1-Dichloroethene               | 96.94            | 0.20   | U | 0.20 | 0.15 |
| 67-64-1   | Acetone                          | 58.08            | 12     | U | 12   | 2.9  |
| 67-63-0   | Isopropyl alcohol                | 60.10            | 12     | U | 12   | 1.2  |
| 75-15-0   | Carbon disulfide                 | 76.14            | 1.6    | U | 1.6  | 0.23 |
| 107-05-1  | 3-Chloropropene                  | 76.53            | 1.6    | U | 1.6  | 0.20 |
| 75-09-2   | Methylene Chloride               | 84.93            | 1.7    | U | 1.7  | 0.94 |
| 75-65-0   | tert-Butyl alcohol               | 74.12            | 15     | U | 15   | 0.12 |
| 1634-04-4 | Methyl tert-butyl ether          | 88.15            | 0.72   | U | 0.72 | 0.12 |
| 156-60-5  | trans-1,2-Dichloroethene         | 96.94            | 0.79   | U | 0.79 | 0.17 |
| 110-54-3  | n-Hexane                         | 86.17            | 0.70   | U | 0.70 | 0.70 |
| 75-34-3   | 1,1-Dichloroethane               | 98.96            | 0.81   | U | 0.81 | 0.17 |
| 78-93-3   | Methyl Ethyl Ketone (2-Butanone) | 72.11            | 1.5    | U | 1.5  | 0.21 |
| 156-59-2  | cis-1,2-Dichloroethene           | 96.94            | 0.20   | U | 0.20 | 0.18 |
| 67-66-3   | Chloroform                       | 119.38           | 0.98   | U | 0.98 | 0.16 |
| 109-99-9  | Tetrahydrofuran                  | 72.11            | 15     | U | 15   | 0.19 |
| 71-55-6   | 1,1,1-Trichloroethane            | 133.41           | 1.1    | U | 1.1  | 0.20 |
| 110-82-7  | Cyclohexane                      | 84.16            | 0.69   | U | 0.69 | 0.16 |
| 56-23-5   | Carbon tetrachloride             | 153.81           | 0.22   | U | 0.22 | 0.15 |
| 540-84-1  | 2,2,4-Trimethylpentane           | 114.23           | 0.93   | U | 0.93 | 0.19 |
| 71-43-2   | Benzene                          | 78.11            | 0.64   | U | 0.64 | 0.21 |
| 107-06-2  | 1,2-Dichloroethane               | 98.96            | 0.81   | U | 0.81 | 0.13 |

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

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-56451-1  
 SDG No.: 200-56451-1  
 Client Sample ID: \_\_\_\_\_ Lab Sample ID: MB 200-162248/4  
 Matrix: Air Lab File ID: 44136-04.D  
 Analysis Method: TO-15 Date Collected: \_\_\_\_\_  
 Sample wt/vol: 200 (mL) Date Analyzed: 12/18/2020 13:45  
 Soil Aliquot Vol: \_\_\_\_\_ Dilution Factor: 1  
 Soil Extract Vol.: \_\_\_\_\_ GC Column: RTX-624 ID: 0.32 (mm)  
 % Moisture: \_\_\_\_\_ Level: (low/med) Low  
 Analysis Batch No.: 162248 Units: ug/m3

| CAS NO.     | COMPOUND NAME                                    | MOLECULAR WEIGHT | RESULT | Q | RL   | MDL  |
|-------------|--------------------------------------------------|------------------|--------|---|------|------|
| 142-82-5    | n-Heptane                                        | 100.21           | 0.82   | U | 0.82 | 0.23 |
| 79-01-6     | Trichloroethene                                  | 131.39           | 0.20   | U | 0.20 | 0.19 |
| 80-62-6     | Methyl methacrylate                              | 100.12           | 2.0    | U | 2.0  | 0.14 |
| 78-87-5     | 1,2-Dichloropropane                              | 112.99           | 0.92   | U | 0.92 | 0.15 |
| 123-91-1    | 1,4-Dioxane                                      | 88.11            | 18     | U | 18   | 0.30 |
| 75-27-4     | Bromodichloromethane                             | 163.83           | 1.3    | U | 1.3  | 0.23 |
| 10061-01-5  | cis-1,3-Dichloropropene                          | 110.97           | 0.91   | U | 0.91 | 0.15 |
| 108-10-1    | 4-Methyl-2-pentanone<br>(Methyl isobutyl ketone) | 100.16           | 2.0    | U | 2.0  | 0.15 |
| 108-88-3    | Toluene                                          | 92.14            | 0.75   | U | 0.75 | 0.41 |
| 10061-02-6  | trans-1,3-Dichloropropene                        | 110.97           | 0.91   | U | 0.91 | 0.18 |
| 79-00-5     | 1,1,2-Trichloroethane                            | 133.41           | 1.1    | U | 1.1  | 0.20 |
| 127-18-4    | Tetrachloroethene                                | 165.83           | 1.4    | U | 1.4  | 0.22 |
| 591-78-6    | Methyl Butyl Ketone<br>(2-Hexanone)              | 100.20           | 2.0    | U | 2.0  | 0.20 |
| 124-48-1    | Dibromochloromethane                             | 208.28           | 1.7    | U | 1.7  | 0.31 |
| 106-93-4    | 1,2-Dibromoethane                                | 187.87           | 1.5    | U | 1.5  | 0.38 |
| 108-90-7    | Chlorobenzene                                    | 112.56           | 0.92   | U | 0.92 | 0.26 |
| 100-41-4    | Ethylbenzene                                     | 106.17           | 0.87   | U | 0.87 | 0.27 |
| 179601-23-1 | m,p-Xylene                                       | 106.17           | 2.2    | U | 2.2  | 0.43 |
| 95-47-6     | o-Xylene                                         | 106.17           | 0.87   | U | 0.87 | 0.21 |
| 100-42-5    | Styrene                                          | 104.15           | 0.85   | U | 0.85 | 0.17 |
| 75-25-2     | Bromoform                                        | 252.75           | 2.1    | U | 2.1  | 0.50 |
| 98-82-8     | Cumene                                           | 120.19           | 0.98   | U | 0.98 | 0.17 |
| 79-34-5     | 1,1,2,2-Tetrachloroethane                        | 167.85           | 1.4    | U | 1.4  | 0.29 |
| 103-65-1    | n-Propylbenzene                                  | 120.19           | 0.98   | U | 0.98 | 0.19 |
| 622-96-8    | 4-Ethyltoluene                                   | 120.20           | 0.98   | U | 0.98 | 0.20 |
| 108-67-8    | 1,3,5-Trimethylbenzene                           | 120.20           | 0.98   | U | 0.98 | 0.19 |
| 95-49-8     | 2-Chlorotoluene                                  | 126.59           | 1.0    | U | 1.0  | 0.22 |
| 98-06-6     | tert-Butylbenzene                                | 134.22           | 1.1    | U | 1.1  | 0.19 |
| 95-63-6     | 1,2,4-Trimethylbenzene                           | 120.20           | 0.98   | U | 0.98 | 0.22 |
| 135-98-8    | sec-Butylbenzene                                 | 134.22           | 1.1    | U | 1.1  | 0.19 |
| 99-87-6     | 4-Isopropyltoluene                               | 134.22           | 1.1    | U | 1.1  | 0.21 |
| 541-73-1    | 1,3-Dichlorobenzene                              | 147.00           | 1.2    | U | 1.2  | 0.66 |
| 106-46-7    | 1,4-Dichlorobenzene                              | 147.00           | 1.2    | U | 1.2  | 0.72 |

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

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-56451-1  
SDG No.: 200-56451-1  
Client Sample ID: \_\_\_\_\_ Lab Sample ID: MB 200-162248/4  
Matrix: Air Lab File ID: 44136-04.D  
Analysis Method: TO-15 Date Collected: \_\_\_\_\_  
Sample wt/vol: 200 (mL) Date Analyzed: 12/18/2020 13:45  
Soil Aliquot Vol: \_\_\_\_\_ Dilution Factor: 1  
Soil Extract Vol.: \_\_\_\_\_ GC Column: RTX-624 ID: 0.32 (mm)  
% Moisture: \_\_\_\_\_ Level: (low/med) Low  
Analysis Batch No.: 162248 Units: ug/m3

| CAS NO.  | COMPOUND NAME          | MOLECULAR WEIGHT | RESULT | Q | RL  | MDL  |
|----------|------------------------|------------------|--------|---|-----|------|
| 100-44-7 | Benzyl chloride        | 126.58           | 1.0    | U | 1.0 | 0.44 |
| 104-51-8 | n-Butylbenzene         | 134.22           | 1.1    | U | 1.1 | 0.21 |
| 95-50-1  | 1,2-Dichlorobenzene    | 147.00           | 1.2    | U | 1.2 | 0.58 |
| 120-82-1 | 1,2,4-Trichlorobenzene | 181.45           | 3.7    | U | 3.7 | 1.6  |
| 87-68-3  | Hexachlorobutadiene    | 260.76           | 2.1    | U | 2.1 | 0.81 |
| 91-20-3  | Naphthalene            | 128.17           | 2.6    | U | 2.6 | 0.89 |

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

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-56451-1  
 SDG No.: 200-56451-1  
 Client Sample ID: \_\_\_\_\_ Lab Sample ID: MB 200-162248/4  
 Matrix: Air Lab File ID: 44136-04.D  
 Analysis Method: TO-15 Date Collected: \_\_\_\_\_  
 Sample wt/vol: 200 (mL) Date Analyzed: 12/18/2020 13:45  
 Soil Aliquot Vol: \_\_\_\_\_ Dilution Factor: 1  
 Soil Extract Vol.: \_\_\_\_\_ GC Column: RTX-624 ID: 0.32 (mm)  
 % Moisture: \_\_\_\_\_ Level: (low/med) Low  
 Analysis Batch No.: 162248 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  | 0.12  |
| 76-14-2   | 1,2-Dichlorotetrafluoroethane    | 170.92           | 0.20   | U | 0.20  | 0.035 |
| 74-87-3   | Chloromethane                    | 50.49            | 0.50   | U | 0.50  | 0.11  |
| 106-97-8  | n-Butane                         | 58.12            | 0.50   | U | 0.50  | 0.11  |
| 75-01-4   | Vinyl chloride                   | 62.50            | 0.078  | U | 0.078 | 0.044 |
| 106-99-0  | 1,3-Butadiene                    | 54.09            | 0.20   | U | 0.20  | 0.057 |
| 74-83-9   | Bromomethane                     | 94.94            | 0.20   | U | 0.20  | 0.051 |
| 75-00-3   | Chloroethane                     | 64.52            | 0.50   | U | 0.50  | 0.054 |
| 593-60-2  | Bromoethene (Vinyl Bromide)      | 106.96           | 0.20   | U | 0.20  | 0.052 |
| 75-69-4   | Trichlorofluoromethane           | 137.37           | 0.20   | U | 0.20  | 0.060 |
| 76-13-1   | 1,1,2-Trichlorotrifluoroethane   | 187.38           | 0.20   | U | 0.20  | 0.038 |
| 75-35-4   | 1,1-Dichloroethene               | 96.94            | 0.050  | U | 0.050 | 0.039 |
| 67-64-1   | Acetone                          | 58.08            | 5.0    | U | 5.0   | 1.2   |
| 67-63-0   | Isopropyl alcohol                | 60.10            | 5.0    | U | 5.0   | 0.48  |
| 75-15-0   | Carbon disulfide                 | 76.14            | 0.50   | U | 0.50  | 0.074 |
| 107-05-1  | 3-Chloropropene                  | 76.53            | 0.50   | U | 0.50  | 0.064 |
| 75-09-2   | Methylene Chloride               | 84.93            | 0.50   | U | 0.50  | 0.27  |
| 75-65-0   | tert-Butyl alcohol               | 74.12            | 5.0    | U | 5.0   | 0.038 |
| 1634-04-4 | Methyl tert-butyl ether          | 88.15            | 0.20   | U | 0.20  | 0.033 |
| 156-60-5  | trans-1,2-Dichloroethene         | 96.94            | 0.20   | U | 0.20  | 0.042 |
| 110-54-3  | n-Hexane                         | 86.17            | 0.20   | U | 0.20  | 0.20  |
| 75-34-3   | 1,1-Dichloroethane               | 98.96            | 0.20   | U | 0.20  | 0.041 |
| 78-93-3   | Methyl Ethyl Ketone (2-Butanone) | 72.11            | 0.50   | U | 0.50  | 0.072 |
| 156-59-2  | cis-1,2-Dichloroethene           | 96.94            | 0.050  | U | 0.050 | 0.045 |
| 67-66-3   | Chloroform                       | 119.38           | 0.20   | U | 0.20  | 0.032 |
| 109-99-9  | Tetrahydrofuran                  | 72.11            | 5.0    | U | 5.0   | 0.066 |
| 71-55-6   | 1,1,1-Trichloroethane            | 133.41           | 0.20   | U | 0.20  | 0.036 |
| 110-82-7  | Cyclohexane                      | 84.16            | 0.20   | U | 0.20  | 0.046 |
| 56-23-5   | Carbon tetrachloride             | 153.81           | 0.035  | U | 0.035 | 0.024 |
| 540-84-1  | 2,2,4-Trimethylpentane           | 114.23           | 0.20   | U | 0.20  | 0.041 |
| 71-43-2   | Benzene                          | 78.11            | 0.20   | U | 0.20  | 0.067 |
| 107-06-2  | 1,2-Dichloroethane               | 98.96            | 0.20   | U | 0.20  | 0.032 |

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

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-56451-1

SDG No.: 200-56451-1

Client Sample ID: \_\_\_\_\_ Lab Sample ID: MB 200-162248/4

Matrix: Air Lab File ID: 44136-04.D

Analysis Method: TO-15 Date Collected: \_\_\_\_\_

Sample wt/vol: 200 (mL) Date Analyzed: 12/18/2020 13:45

Soil Aliquot Vol: \_\_\_\_\_ Dilution Factor: 1

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

% Moisture: \_\_\_\_\_ Level: (low/med) Low

Analysis Batch No.: 162248 Units: ppb v/v

| CAS NO.     | COMPOUND NAME                                    | MOLECULAR WEIGHT | RESULT | Q | RL    | MDL   |
|-------------|--------------------------------------------------|------------------|--------|---|-------|-------|
| 142-82-5    | n-Heptane                                        | 100.21           | 0.20   | U | 0.20  | 0.056 |
| 79-01-6     | Trichloroethene                                  | 131.39           | 0.037  | U | 0.037 | 0.035 |
| 80-62-6     | Methyl methacrylate                              | 100.12           | 0.50   | U | 0.50  | 0.033 |
| 78-87-5     | 1,2-Dichloropropane                              | 112.99           | 0.20   | U | 0.20  | 0.033 |
| 123-91-1    | 1,4-Dioxane                                      | 88.11            | 5.0    | U | 5.0   | 0.084 |
| 75-27-4     | Bromodichloromethane                             | 163.83           | 0.20   | U | 0.20  | 0.035 |
| 10061-01-5  | cis-1,3-Dichloropropene                          | 110.97           | 0.20   | U | 0.20  | 0.032 |
| 108-10-1    | 4-Methyl-2-pentanone<br>(Methyl isobutyl ketone) | 100.16           | 0.50   | U | 0.50  | 0.036 |
| 108-88-3    | Toluene                                          | 92.14            | 0.20   | U | 0.20  | 0.11  |
| 10061-02-6  | trans-1,3-Dichloropropene                        | 110.97           | 0.20   | U | 0.20  | 0.039 |
| 79-00-5     | 1,1,2-Trichloroethane                            | 133.41           | 0.20   | U | 0.20  | 0.036 |
| 127-18-4    | Tetrachloroethene                                | 165.83           | 0.20   | U | 0.20  | 0.033 |
| 591-78-6    | Methyl Butyl Ketone<br>(2-Hexanone)              | 100.20           | 0.50   | U | 0.50  | 0.048 |
| 124-48-1    | Dibromochloromethane                             | 208.28           | 0.20   | U | 0.20  | 0.036 |
| 106-93-4    | 1,2-Dibromoethane                                | 187.87           | 0.20   | U | 0.20  | 0.049 |
| 108-90-7    | Chlorobenzene                                    | 112.56           | 0.20   | U | 0.20  | 0.056 |
| 100-41-4    | Ethylbenzene                                     | 106.17           | 0.20   | U | 0.20  | 0.063 |
| 179601-23-1 | m,p-Xylene                                       | 106.17           | 0.50   | U | 0.50  | 0.10  |
| 95-47-6     | o-Xylene                                         | 106.17           | 0.20   | U | 0.20  | 0.048 |
| 100-42-5    | Styrene                                          | 104.15           | 0.20   | U | 0.20  | 0.040 |
| 75-25-2     | Bromoform                                        | 252.75           | 0.20   | U | 0.20  | 0.048 |
| 98-82-8     | Cumene                                           | 120.19           | 0.20   | U | 0.20  | 0.035 |
| 79-34-5     | 1,1,2,2-Tetrachloroethane                        | 167.85           | 0.20   | U | 0.20  | 0.042 |
| 103-65-1    | n-Propylbenzene                                  | 120.19           | 0.20   | U | 0.20  | 0.039 |
| 622-96-8    | 4-Ethyltoluene                                   | 120.20           | 0.20   | U | 0.20  | 0.041 |
| 108-67-8    | 1,3,5-Trimethylbenzene                           | 120.20           | 0.20   | U | 0.20  | 0.039 |
| 95-49-8     | 2-Chlorotoluene                                  | 126.59           | 0.20   | U | 0.20  | 0.042 |
| 98-06-6     | tert-Butylbenzene                                | 134.22           | 0.20   | U | 0.20  | 0.035 |
| 95-63-6     | 1,2,4-Trimethylbenzene                           | 120.20           | 0.20   | U | 0.20  | 0.044 |
| 135-98-8    | sec-Butylbenzene                                 | 134.22           | 0.20   | U | 0.20  | 0.035 |
| 99-87-6     | 4-Isopropyltoluene                               | 134.22           | 0.20   | U | 0.20  | 0.039 |
| 541-73-1    | 1,3-Dichlorobenzene                              | 147.00           | 0.20   | U | 0.20  | 0.11  |
| 106-46-7    | 1,4-Dichlorobenzene                              | 147.00           | 0.20   | U | 0.20  | 0.12  |

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

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-56451-1  
SDG No.: 200-56451-1  
Client Sample ID: \_\_\_\_\_ Lab Sample ID: MB 200-162248/4  
Matrix: Air Lab File ID: 44136-04.D  
Analysis Method: TO-15 Date Collected: \_\_\_\_\_  
Sample wt/vol: 200 (mL) Date Analyzed: 12/18/2020 13:45  
Soil Aliquot Vol: \_\_\_\_\_ Dilution Factor: 1  
Soil Extract Vol.: \_\_\_\_\_ GC Column: RTX-624 ID: 0.32 (mm)  
% Moisture: \_\_\_\_\_ Level: (low/med) Low  
Analysis Batch No.: 162248 Units: ppb v/v

| CAS NO.  | COMPOUND NAME          | MOLECULAR WEIGHT | RESULT | Q | RL   | MDL   |
|----------|------------------------|------------------|--------|---|------|-------|
| 100-44-7 | Benzyl chloride        | 126.58           | 0.20   | U | 0.20 | 0.085 |
| 104-51-8 | n-Butylbenzene         | 134.22           | 0.20   | U | 0.20 | 0.039 |
| 95-50-1  | 1,2-Dichlorobenzene    | 147.00           | 0.20   | U | 0.20 | 0.097 |
| 120-82-1 | 1,2,4-Trichlorobenzene | 181.45           | 0.50   | U | 0.50 | 0.22  |
| 87-68-3  | Hexachlorobutadiene    | 260.76           | 0.20   | U | 0.20 | 0.076 |
| 91-20-3  | Naphthalene            | 128.17           | 0.50   | U | 0.50 | 0.17  |



Eurofins TestAmerica, Burlington  
Target Compound Quantitation Report

Data File: \\chromfs\Burlington\ChromData\CHC.i\20201218-44136.b\44136-04.D  
 Lims ID: mb  
 Client ID:  
 Sample Type: MB  
 Inject. Date: 18-Dec-2020 13:45:30 ALS Bottle#: 4 Worklist Smp#: 4  
 Purge Vol: 200.000 mL Dil. Factor: 1.0000  
 Sample Info: 200-0044136-004  
 Operator ID: vtp Instrument ID: CHC.i  
 Method: \\chromfs\Burlington\ChromData\CHC.i\20201218-44136.b\TO15\_MasterMethod\_(v1)\_CHC.i.m  
 Limit Group: AI\_TO15\_ICAL  
 Last Update: 21-Dec-2020 14:56:59 Calib Date: 18-Dec-2020 04:03:30  
 Integrator: RTE ID Type: Deconvolution ID  
 Quant Method: Internal Standard Quant By: Initial Calibration  
 Last ICal File: \\chromfs\Burlington\ChromData\CHC.i\20201217-44129.b\44129-14.D  
 Column 1 : RTX-624 ( 0.32 mm) Det: MS SCAN  
 Process Host: CTX1658

First Level Reviewer: puangmaleek

Date: 21-Dec-2020 14:56:59

| Compound                           | Sig | RT<br>(min.) | Adj RT<br>(min.) | Dlt RT<br>(min.) | Q | Response | Cal Amt<br>ppb v/v | OnCol Amt<br>ppb v/v | Flags |
|------------------------------------|-----|--------------|------------------|------------------|---|----------|--------------------|----------------------|-------|
| 1 Propene                          | 41  |              | 2.833            |                  |   |          |                    | ND                   | 7     |
| 2 Dichlorodifluoromethane          | 85  |              | 2.897            |                  |   |          |                    | ND                   | 7     |
| 3 Chlorodifluoromethane            | 51  |              | 2.934            |                  |   |          |                    | ND                   | 7     |
| 4 1,2-Dichloro-1,1,2,2-tetrafluoro | 85  |              | 3.137            |                  |   |          |                    | ND                   | 7     |
| 5 Chloromethane                    | 50  |              | 3.244            |                  |   |          |                    | ND                   | 7     |
| 6 Butane                           | 43  |              | 3.436            |                  |   |          |                    | ND                   | 7     |
| 7 Vinyl chloride                   | 62  |              | 3.463            |                  |   |          |                    | ND                   | U     |
| 8 Butadiene                        | 54  |              | 3.537            |                  |   |          |                    | ND                   | 7     |
| 10 Bromomethane                    | 94  |              | 4.140            |                  |   |          |                    | ND                   | 7     |
| 11 Chloroethane                    | 64  |              | 4.359            |                  |   |          |                    | ND                   | 7     |
| 12 2-Methylbutane                  | 43  |              | 4.461            |                  |   |          |                    | ND                   | 7     |
| 13 Vinyl bromide                   | 106 |              | 4.733            |                  |   |          |                    | ND                   | U     |
| 14 Trichlorofluoromethane          | 101 |              | 4.850            |                  |   |          |                    | ND                   | 7     |
| 16 Pentane                         | 43  |              | 5.000            |                  |   |          |                    | ND                   | 7     |
| 17 Ethanol                         | 45  |              | 5.442            |                  |   |          |                    | ND                   | 7     |
| 18 Ethyl ether                     | 59  |              | 5.523            |                  |   |          |                    | ND                   | 7     |
| 19 Acrolein                        | 56  |              | 5.821            |                  |   |          |                    | ND                   |       |
| 20 1,1,2-Trichloro-1,2,2-trifluoro | 101 |              | 5.912            |                  |   |          |                    | ND                   | 7     |
| 21 1,1-Dichloroethene              | 96  |              | 5.917            |                  |   |          |                    | ND                   | U     |
| 22 Acetone                         | 43  |              | 6.147            |                  |   |          |                    | ND                   | 7     |
| 23 Carbon disulfide                | 76  |              | 6.280            |                  |   |          |                    | ND                   | 7     |
| 24 Isopropyl alcohol               | 45  |              | 6.531            |                  |   |          |                    | ND                   | 7     |
| 25 3-Chloro-1-propene              | 41  |              | 6.681            |                  |   |          |                    | ND                   | 7     |
| 26 Acetonitrile                    | 41  |              | 6.745            |                  |   |          |                    | ND                   | 7     |
| 27 Methylene Chloride              | 49  |              | 6.958            |                  |   |          |                    | ND                   | 7     |
| 28 2-Methyl-2-propanol             | 59  |              | 7.326            |                  |   |          |                    | ND                   |       |
| 31 trans-1,2-Dichloroethene        | 61  |              | 7.417            |                  |   |          |                    | ND                   | 7     |
| 29 Methyl tert-butyl ether         | 73  |              | 7.438            |                  |   |          |                    | ND                   | 7     |
| 32 Acrylonitrile                   | 53  |              | 7.508            |                  |   |          |                    | ND                   | 7     |
| 33 Hexane                          | 57  |              | 7.849            |                  |   |          |                    | ND                   | 7     |
| 34 1,1-Dichloroethane              | 63  |              | 8.250            |                  |   |          |                    | ND                   | 7     |
| 35 Vinyl acetate                   | 43  |              | 8.362            |                  |   |          |                    | 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 |
|--------------------------------|-----|-----------|-----------------|---------------|----|----------|-----------------|-------------------|-------|
| 37 cis-1,2-Dichloroethene      | 96  |           | 9.349           |               |    |          |                 | ND                | 7     |
| 38 2-Butanone (MEK)            | 72  |           | 9.408           |               |    |          |                 | ND                | 7     |
| 39 Ethyl acetate               | 88  |           | 9.493           |               |    |          |                 | ND                | 7     |
| * 40 Chlorobromomethane        | 128 | 9.781     | 9.787           | -0.006        | 77 | 515892   | 20.0            | 20.0              |       |
| 41 Tetrahydrofuran             | 42  |           | 9.867           |               |    |          |                 | ND                | 7     |
| 42 Chloroform                  | 83  |           | 9.947           |               |    |          |                 | ND                |       |
| S 30 1,2-Dichloroethene, Total | 61  |           | 10.200          |               |    |          |                 | ND                | 7     |
| 44 1,1,1-Trichloroethane       | 97  |           | 10.219          |               |    |          |                 | ND                | 7     |
| 43 Cyclohexane                 | 84  |           | 10.224          |               |    |          |                 | ND                | 7     |
| 45 Carbon tetrachloride        | 117 |           | 10.486          |               |    |          |                 | ND                | 7     |
| 47 Benzene                     | 78  |           | 10.913          |               |    |          |                 | ND                | 7     |
| 46 Isooctane                   | 57  |           | 10.966          |               |    |          |                 | ND                |       |
| 48 1,2-Dichloroethane          | 62  |           | 11.068          |               |    |          |                 | ND                |       |
| 49 n-Heptane                   | 43  |           | 11.366          |               |    |          |                 | ND                | 7     |
| * 50 1,4-Difluorobenzene       | 114 | 11.761    | 11.761          | 0.000         | 94 | 3088633  | 20.0            | 20.0              |       |
| 53 Trichloroethene             | 95  |           | 12.236          |               |    |          |                 | ND                |       |
| 52 n-Butanol                   | 56  |           | 12.263          |               |    |          |                 | ND                |       |
| A 51 GRO                       | 1   | 12.693    | (4.451-20.935)  |               | 0  | 2253957  |                 | 0                 |       |
| 54 1,2-Dichloropropane         | 63  |           | 12.738          |               |    |          |                 | ND                |       |
| 55 Methyl methacrylate         | 69  |           | 12.978          |               |    |          |                 | ND                |       |
| 57 Dibromomethane              | 174 |           | 12.994          |               |    |          |                 | ND                | U     |
| 56 1,4-Dioxane                 | 88  |           | 13.048          |               |    |          |                 | ND                | 7     |
| 58 Dichlorobromomethane        | 83  |           | 13.320          |               |    |          |                 | ND                |       |
| 60 cis-1,3-Dichloropropene     | 75  |           | 14.280          |               |    |          |                 | ND                | 7     |
| A 59 TVOC as Toluene           | 1   | 14.382    | (2.823-25.941)  |               | 0  | 3020668  |                 | 0                 |       |
| 61 4-Methyl-2-pentanone (MIBK) | 43  |           | 14.617          |               |    |          |                 | ND                | 7     |
| A 63 Toluene Range             | 1   | 14.894    | (14.854-14.934) |               | 0  | 41521    |                 | NC                |       |
| 65 Toluene                     | 92  |           | 14.894          |               |    |          |                 | ND                | 7     |
| A 62 C8 Range                  | 1   | 15.073    | (15.070-15.076) |               | 0  | 5452     |                 | NC                |       |
| 64 n-Octane                    | 43  |           | 15.054          |               |    |          |                 | ND                | 7     |
| 66 trans-1,3-Dichloropropene   | 75  |           | 15.487          |               |    |          |                 | ND                | 7     |
| 67 1,1,2-Trichloroethane       | 83  |           | 15.849          |               |    |          |                 | ND                |       |
| 68 Tetrachloroethene           | 166 |           | 16.015          |               |    |          |                 | ND                | 7     |
| 69 2-Hexanone                  | 43  |           | 16.367          |               |    |          |                 | ND                | 7     |
| 71 Chlorodibromomethane        | 129 |           | 16.618          |               |    |          |                 | ND                | 7     |
| 72 Ethylene Dibromide          | 107 |           | 16.874          |               |    |          |                 | ND                | 7     |
| * 74 Chlorobenzene-d5          | 117 | 17.803    | 17.803          | 0.000         | 86 | 3418765  | 20.0            | 20.0              |       |
| 75 Chlorobenzene               | 112 |           | 17.861          |               |    |          |                 | ND                | 7     |
| 76 Ethylbenzene                | 91  |           | 18.038          |               |    |          |                 | ND                | 7     |
| 77 n-Nonane                    | 57  |           | 18.262          |               |    |          |                 | ND                |       |
| 78 m-Xylene & p-Xylene         | 106 |           | 18.294          |               |    |          |                 | ND                |       |
| 79 o-Xylene                    | 106 |           | 19.126          |               |    |          |                 | ND                |       |
| 80 Styrene                     | 104 |           | 19.174          |               |    |          |                 | ND                | 7     |
| 81 Bromoform                   | 173 |           | 19.591          |               |    |          |                 | ND                | 7     |
| 82 Isopropylbenzene            | 105 |           | 19.873          |               |    |          |                 | ND                | 7     |
| S 73 Xylenes, Total            | 106 |           | 20.100          |               |    |          |                 | ND                | 7     |
| * 83 4-Bromofluorobenzene      | 95  | 20.258    | 20.258          | 0.000         | 95 | 1959996  | 20.0            | 20.0              |       |
| 84 1,1,2,2-Tetrachloroethane   | 83  |           | 20.557          |               |    |          |                 | ND                | 7     |
| 86 1,2,3-Trichloropropane      | 75  |           | 20.647          |               |    |          |                 | ND                |       |
| 85 N-Propylbenzene             | 91  |           | 20.663          |               |    |          |                 | ND                | 7     |
| 89 2-Chlorotoluene             | 91  |           | 20.861          |               |    |          |                 | ND                | 7     |
| 88 4-Ethyltoluene              | 105 |           | 20.871          |               |    |          |                 | ND                | 7     |

| Compound                   | Sig | RT<br>(min.) | Adj RT<br>(min.) | Dlt RT<br>(min.) | Q | Response | Cal Amt<br>ppb v/v | OnCol Amt<br>ppb v/v | Flags |
|----------------------------|-----|--------------|------------------|------------------|---|----------|--------------------|----------------------|-------|
| 87 n-Decane                | 57  |              | 20.925           |                  |   |          |                    | ND                   |       |
| 90 1,3,5-Trimethylbenzene  | 105 |              | 20.989           |                  |   |          |                    | ND                   | 7     |
| 91 Alpha Methyl Styrene    | 118 |              | 21.378           |                  |   |          |                    | ND                   |       |
| 92 tert-Butylbenzene       | 119 |              | 21.507           |                  |   |          |                    | ND                   |       |
| 93 1,2,4-Trimethylbenzene  | 105 |              | 21.608           |                  |   |          |                    | ND                   | 7     |
| 94 sec-Butylbenzene        | 105 |              | 21.853           |                  |   |          |                    | ND                   | 7     |
| 95 4-Isopropyltoluene      | 119 |              | 22.072           |                  |   |          |                    | ND                   | 7     |
| 96 1,3-Dichlorobenzene     | 146 |              | 22.078           |                  |   |          |                    | ND                   | 7     |
| 97 1,4-Dichlorobenzene     | 146 |              | 22.216           |                  |   |          |                    | ND                   | 7     |
| 98 Benzyl chloride         | 91  |              | 22.409           |                  |   |          |                    | ND                   | 7     |
| 100 n-Butylbenzene         | 91  |              | 22.654           |                  |   |          |                    | ND                   | 7     |
| 99 Undecane                | 57  |              | 22.729           |                  |   |          |                    | ND                   | 7     |
| 101 1,2-Dichlorobenzene    | 146 |              | 22.745           |                  |   |          |                    | ND                   | 7     |
| 102 Dodecane               | 57  |              | 24.228           |                  |   |          |                    | ND                   | 7     |
| 103 1,2,4-Trichlorobenzene | 180 |              | 25.082           |                  |   |          |                    | ND                   | U     |
| 104 Hexachlorobutadiene    | 225 |              | 25.285           |                  |   |          |                    | ND                   | 7     |
| 105 Naphthalene            | 128 |              | 25.493           |                  |   |          |                    | ND                   | 7     |
| 106 1,2,3-Trichlorobenzene | 180 |              | 25.931           |                  |   |          |                    | ND                   | U     |

**QC Flag Legend**

Processing Flags

NC - Not Calibrated

7 - Failed Limit of Detection

Review Flags

U - Marked Undetected

**Reagents:**

ATTO15CISs\_00010

Amount Added: 40.00

Units: mL

Run Reagent

Report Date: 21-Dec-2020 14:57:00

Chrom Revision: 2.3 09-Dec-2020 16:22:14

Euofins TestAmerica, Burlington

Data File: \\chromfs\Burlington\ChromData\CHC.i\20201218-44136.b\44136-04.D

Injection Date: 18-Dec-2020 13:45:30

Instrument ID: CHC.i

Operator ID: vtp

Lims ID: mb

Worklist Smp#: 4

Client ID:

Purge Vol: 200.000 mL

Dil. Factor: 1.0000

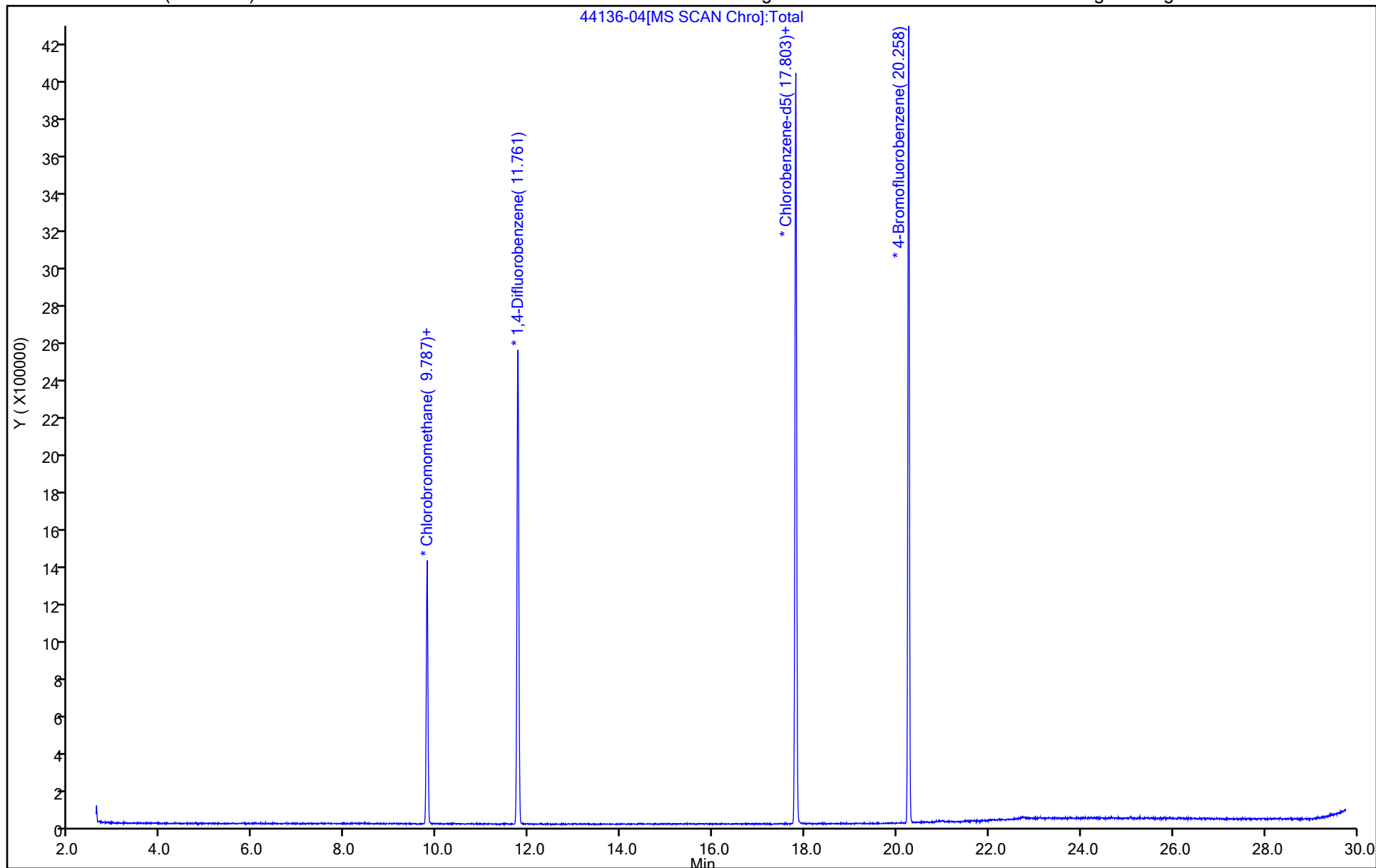
ALS Bottle#: 4

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 TestAmerica, Burlington

Data File: \\chromfs\Burlington\ChromData\CHC.i\20201218-44136.b\44136-04.D

Injection Date: 18-Dec-2020 13:45:30

Instrument ID: CHC.i

Lims ID: mb

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

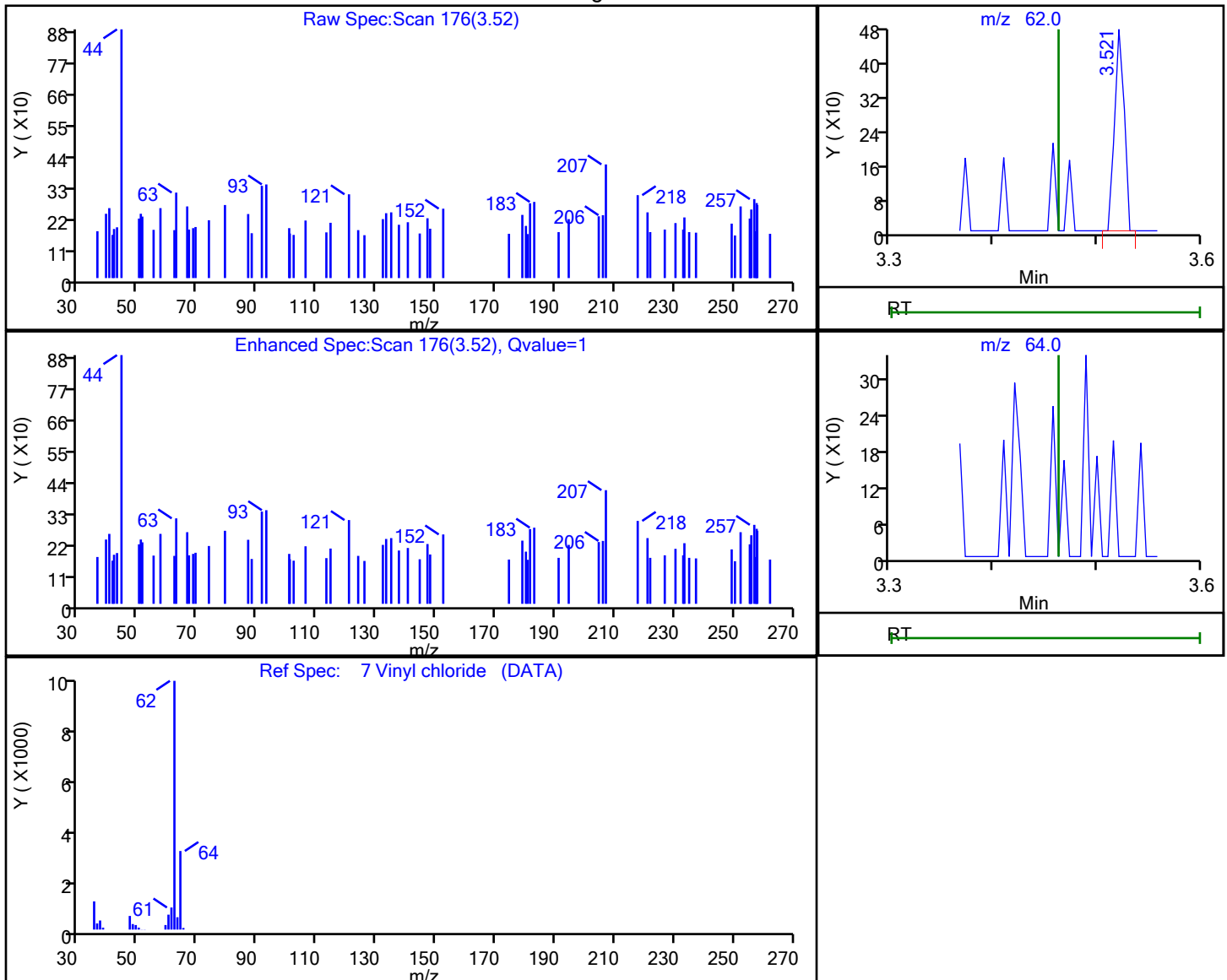
Column: RTX-624 ( 0.32 mm)

Detector

MS SCAN

## 7 Vinyl chloride, CAS: 75-01-4

## Processing Results



| RT   | Mass  | Response | Amount   |
|------|-------|----------|----------|
| 3.52 | 62.00 | 307      | 0.014370 |
| 3.46 | 64.00 | 0        |          |

Reviewer: puangmaleek, 21-Dec-2020 14:54:19

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

## Eurofins TestAmerica, Burlington

Data File: \\chromfs\Burlington\ChromData\CHC.i\20201218-44136.b\44136-04.D

Injection Date: 18-Dec-2020 13:45:30

Instrument ID: CHC.i

Lims ID: mb

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

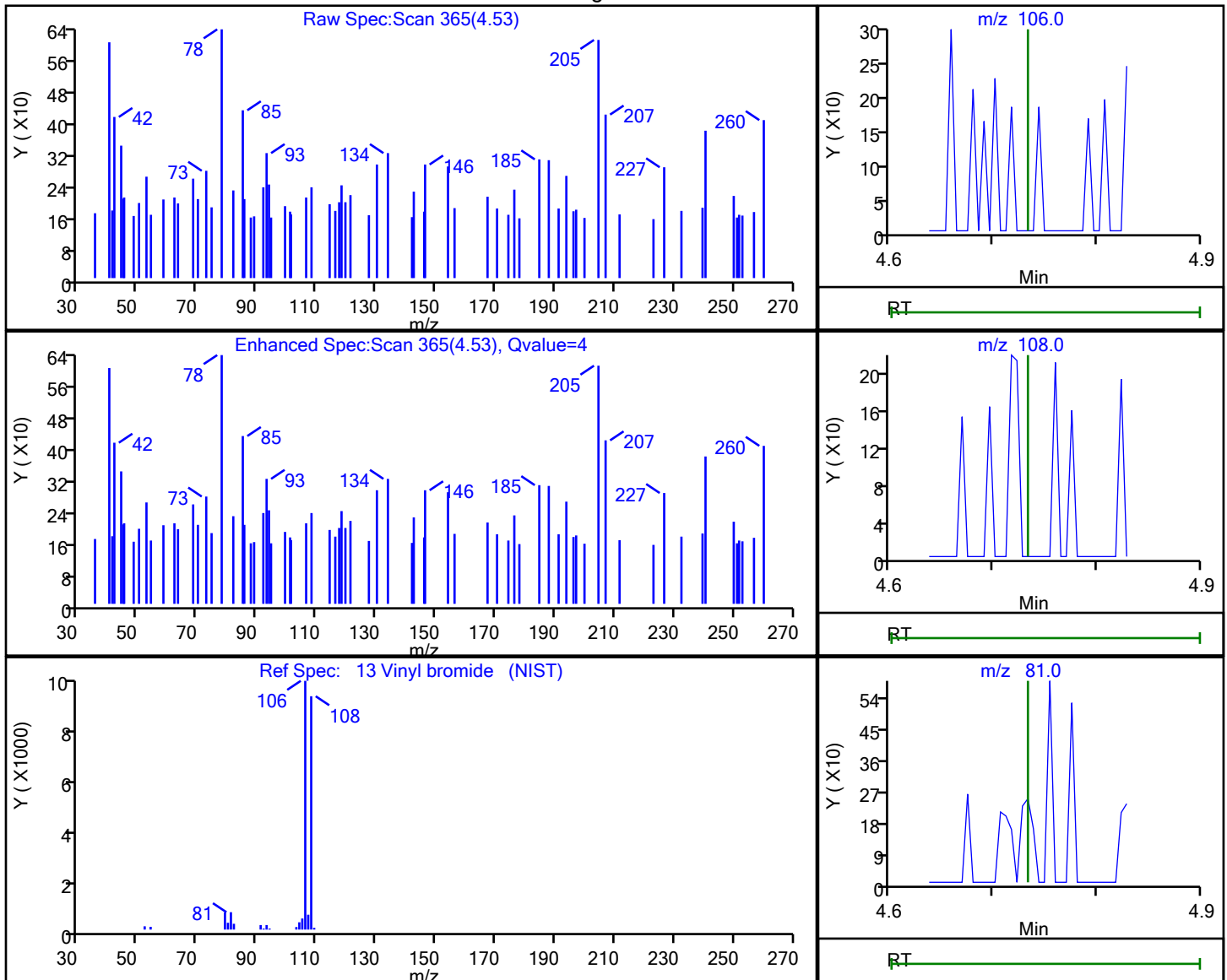
Column: RTX-624 ( 0.32 mm)

Detector

MS SCAN

## 13 Vinyl bromide, CAS: 593-60-2

## Processing Results



| RT   | Mass   | Response | Amount   |
|------|--------|----------|----------|
| 4.53 | 106.00 | 233      | 0.010881 |
| 4.54 | 108.00 | 383      |          |
| 4.73 | 81.00  | 0        |          |

Reviewer: puangmaleek, 21-Dec-2020 14:54:31

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

## Eurofins TestAmerica, Burlington

Data File: \\chromfs\Burlington\ChromData\CHC.i\20201218-44136.b\44136-04.D

Injection Date: 18-Dec-2020 13:45:30

Instrument ID: CHC.i

Lims ID: mb

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

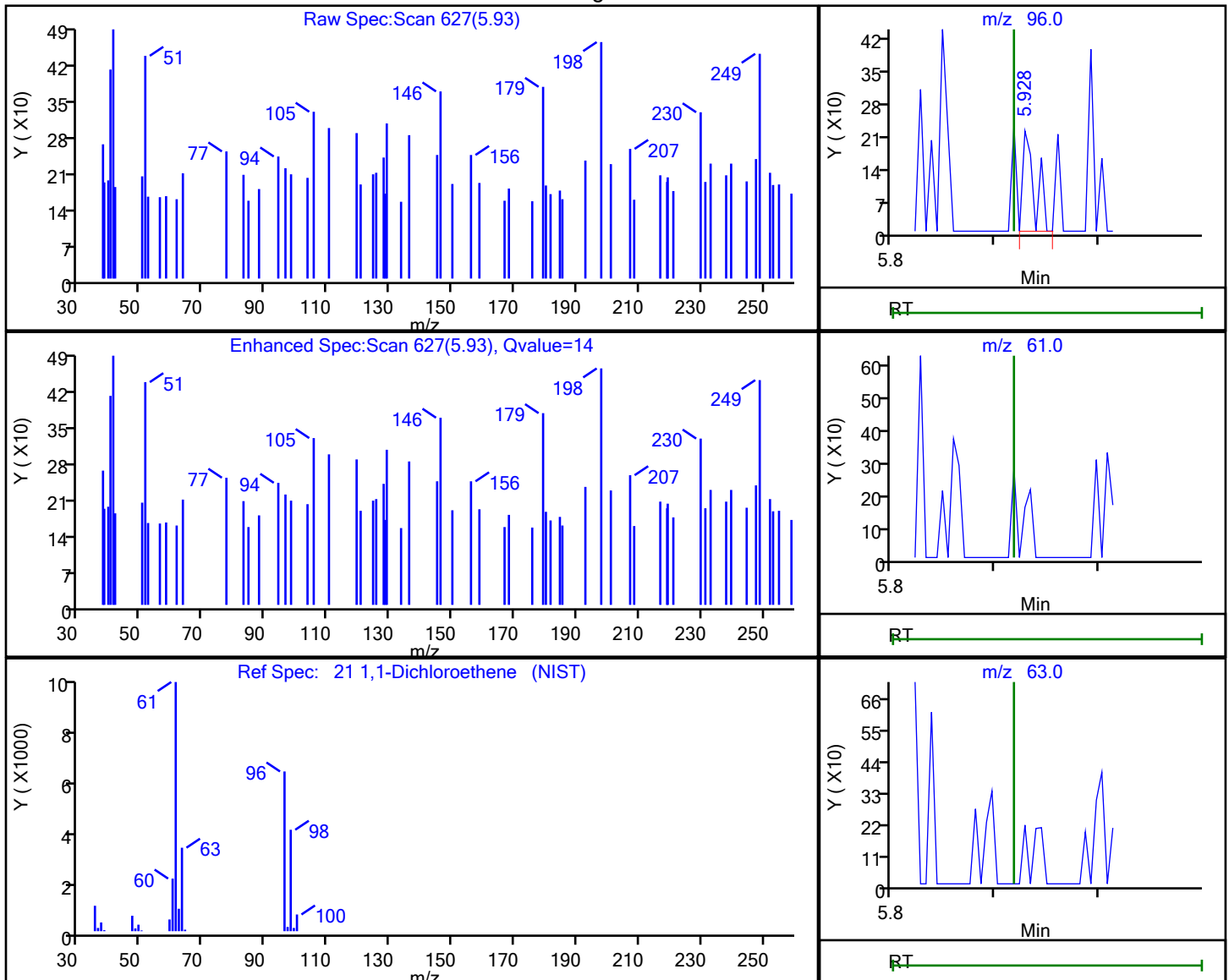
Column: RTX-624 ( 0.32 mm)

Detector

MS SCAN

## 21 1,1-Dichloroethene, CAS: 75-35-4

## Processing Results



| RT   | Mass  | Response | Amount   |
|------|-------|----------|----------|
| 5.93 | 96.00 | 174      | 0.007143 |
| 5.92 | 61.00 | 0        |          |
| 5.92 | 63.00 | 0        |          |

Reviewer: puangmaleek, 21-Dec-2020 14:54:49

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

## Eurofins TestAmerica, Burlington

Data File: \\chromfs\Burlington\ChromData\CHC.i\20201218-44136.b\44136-04.D

Injection Date: 18-Dec-2020 13:45:30

Instrument ID: CHC.i

Lims ID: mb

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

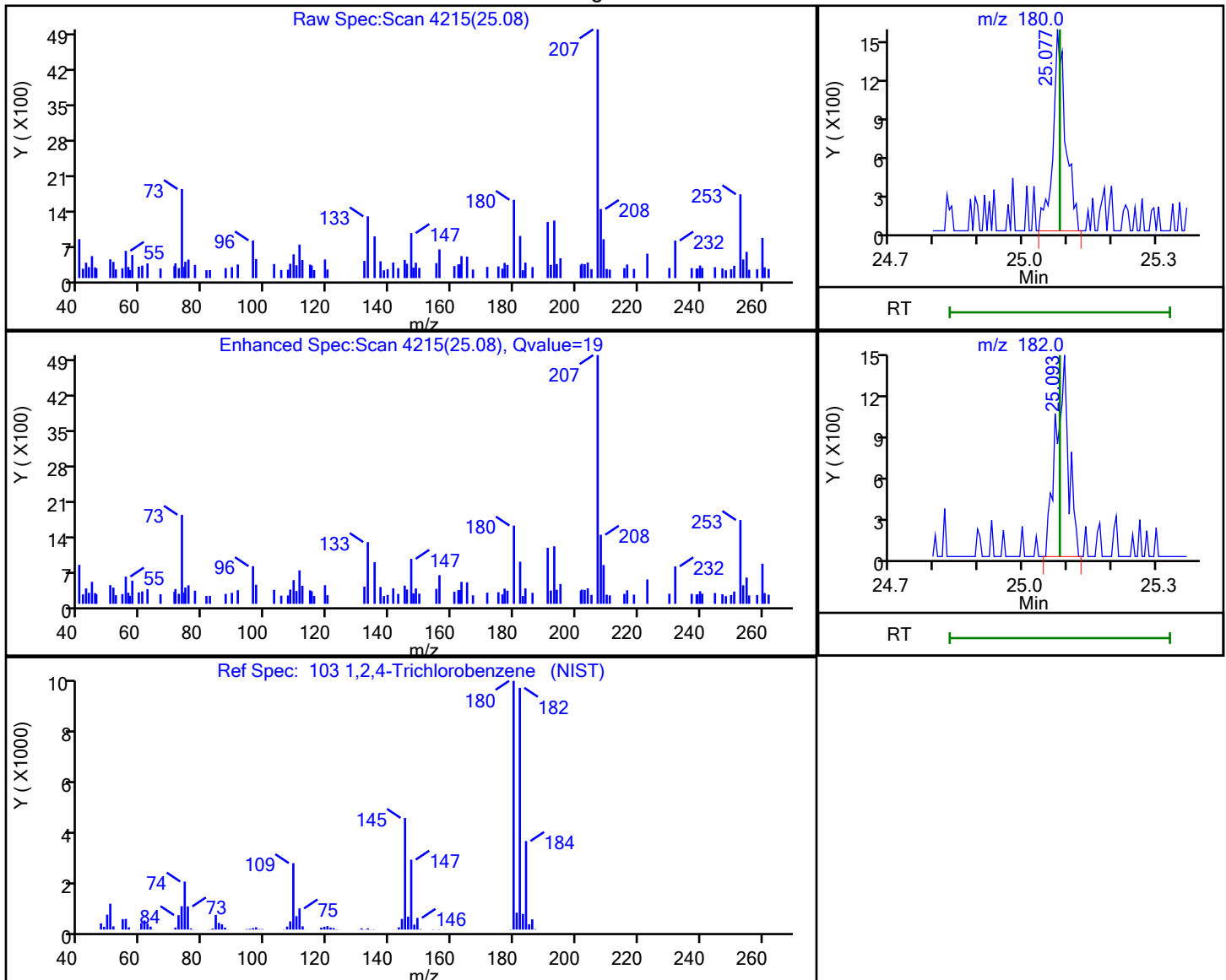
Column: RTX-624 ( 0.32 mm)

Detector

MS SCAN

## 103 1,2,4-Trichlorobenzene, CAS: 120-82-1

## Processing Results



| RT    | Mass   | Response | Amount   |
|-------|--------|----------|----------|
| 25.08 | 180.00 | 3074     | 0.019367 |
| 25.09 | 182.00 | 2989     |          |

Reviewer: puangmaleek, 21-Dec-2020 14:56:52

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID



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

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-56451-1  
 SDG No.: 200-56451-1  
 Client Sample ID: \_\_\_\_\_ Lab Sample ID: MB 200-162293/5  
 Matrix: Air Lab File ID: 200-44158-005.D  
 Analysis Method: TO-15 Date Collected: \_\_\_\_\_  
 Sample wt/vol: 200 (mL) Date Analyzed: 12/21/2020 10:52  
 Soil Aliquot Vol: \_\_\_\_\_ Dilution Factor: 1  
 Soil Extract Vol.: \_\_\_\_\_ GC Column: RTX-624 ID: 0.32 (mm)  
 % Moisture: \_\_\_\_\_ Level: (low/med) Low  
 Analysis Batch No.: 162293 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  | 0.42 |
| 76-14-2   | 1,2-Dichlorotetrafluoroethane    | 170.92           | 1.4    | U | 1.4  | 0.24 |
| 74-87-3   | Chloromethane                    | 50.49            | 1.0    | U | 1.0  | 0.23 |
| 106-97-8  | n-Butane                         | 58.12            | 1.2    | U | 1.2  | 0.26 |
| 75-01-4   | Vinyl chloride                   | 62.50            | 0.20   | U | 0.20 | 0.11 |
| 106-99-0  | 1,3-Butadiene                    | 54.09            | 0.44   | U | 0.44 | 0.13 |
| 74-83-9   | Bromomethane                     | 94.94            | 0.78   | U | 0.78 | 0.20 |
| 75-00-3   | Chloroethane                     | 64.52            | 1.3    | U | 1.3  | 0.14 |
| 593-60-2  | Bromoethene (Vinyl Bromide)      | 106.96           | 0.87   | U | 0.87 | 0.23 |
| 75-69-4   | Trichlorofluoromethane           | 137.37           | 1.1    | U | 1.1  | 0.34 |
| 76-13-1   | 1,1,2-Trichlorotrifluoroethane   | 187.38           | 1.5    | U | 1.5  | 0.29 |
| 75-35-4   | 1,1-Dichloroethene               | 96.94            | 0.20   | U | 0.20 | 0.15 |
| 67-64-1   | Acetone                          | 58.08            | 12     | U | 12   | 2.9  |
| 67-63-0   | Isopropyl alcohol                | 60.10            | 12     | U | 12   | 1.2  |
| 75-15-0   | Carbon disulfide                 | 76.14            | 1.6    | U | 1.6  | 0.23 |
| 107-05-1  | 3-Chloropropene                  | 76.53            | 1.6    | U | 1.6  | 0.20 |
| 75-09-2   | Methylene Chloride               | 84.93            | 1.7    | U | 1.7  | 0.94 |
| 75-65-0   | tert-Butyl alcohol               | 74.12            | 15     | U | 15   | 0.12 |
| 1634-04-4 | Methyl tert-butyl ether          | 88.15            | 0.72   | U | 0.72 | 0.12 |
| 156-60-5  | trans-1,2-Dichloroethene         | 96.94            | 0.79   | U | 0.79 | 0.17 |
| 110-54-3  | n-Hexane                         | 86.17            | 0.70   | U | 0.70 | 0.70 |
| 75-34-3   | 1,1-Dichloroethane               | 98.96            | 0.81   | U | 0.81 | 0.17 |
| 78-93-3   | Methyl Ethyl Ketone (2-Butanone) | 72.11            | 1.5    | U | 1.5  | 0.21 |
| 156-59-2  | cis-1,2-Dichloroethene           | 96.94            | 0.20   | U | 0.20 | 0.18 |
| 67-66-3   | Chloroform                       | 119.38           | 0.98   | U | 0.98 | 0.16 |
| 109-99-9  | Tetrahydrofuran                  | 72.11            | 15     | U | 15   | 0.19 |
| 71-55-6   | 1,1,1-Trichloroethane            | 133.41           | 1.1    | U | 1.1  | 0.20 |
| 110-82-7  | Cyclohexane                      | 84.16            | 0.69   | U | 0.69 | 0.16 |
| 56-23-5   | Carbon tetrachloride             | 153.81           | 0.22   | U | 0.22 | 0.15 |
| 540-84-1  | 2,2,4-Trimethylpentane           | 114.23           | 0.93   | U | 0.93 | 0.19 |
| 71-43-2   | Benzene                          | 78.11            | 0.64   | U | 0.64 | 0.21 |
| 107-06-2  | 1,2-Dichloroethane               | 98.96            | 0.81   | U | 0.81 | 0.13 |

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

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-56451-1  
 SDG No.: 200-56451-1  
 Client Sample ID: \_\_\_\_\_ Lab Sample ID: MB 200-162293/5  
 Matrix: Air Lab File ID: 200-44158-005.D  
 Analysis Method: TO-15 Date Collected: \_\_\_\_\_  
 Sample wt/vol: 200 (mL) Date Analyzed: 12/21/2020 10:52  
 Soil Aliquot Vol: \_\_\_\_\_ Dilution Factor: 1  
 Soil Extract Vol.: \_\_\_\_\_ GC Column: RTX-624 ID: 0.32 (mm)  
 % Moisture: \_\_\_\_\_ Level: (low/med) Low  
 Analysis Batch No.: 162293 Units: ug/m3

| CAS NO.     | COMPOUND NAME                                    | MOLECULAR WEIGHT | RESULT | Q | RL   | MDL  |
|-------------|--------------------------------------------------|------------------|--------|---|------|------|
| 142-82-5    | n-Heptane                                        | 100.21           | 0.82   | U | 0.82 | 0.23 |
| 79-01-6     | Trichloroethene                                  | 131.39           | 0.20   | U | 0.20 | 0.19 |
| 80-62-6     | Methyl methacrylate                              | 100.12           | 2.0    | U | 2.0  | 0.14 |
| 78-87-5     | 1,2-Dichloropropane                              | 112.99           | 0.92   | U | 0.92 | 0.15 |
| 123-91-1    | 1,4-Dioxane                                      | 88.11            | 18     | U | 18   | 0.30 |
| 75-27-4     | Bromodichloromethane                             | 163.83           | 1.3    | U | 1.3  | 0.23 |
| 10061-01-5  | cis-1,3-Dichloropropene                          | 110.97           | 0.91   | U | 0.91 | 0.15 |
| 108-10-1    | 4-Methyl-2-pentanone<br>(Methyl isobutyl ketone) | 100.16           | 2.0    | U | 2.0  | 0.15 |
| 108-88-3    | Toluene                                          | 92.14            | 0.75   | U | 0.75 | 0.41 |
| 10061-02-6  | trans-1,3-Dichloropropene                        | 110.97           | 0.91   | U | 0.91 | 0.18 |
| 79-00-5     | 1,1,2-Trichloroethane                            | 133.41           | 1.1    | U | 1.1  | 0.20 |
| 127-18-4    | Tetrachloroethene                                | 165.83           | 1.4    | U | 1.4  | 0.22 |
| 591-78-6    | Methyl Butyl Ketone<br>(2-Hexanone)              | 100.20           | 2.0    | U | 2.0  | 0.20 |
| 124-48-1    | Dibromochloromethane                             | 208.28           | 1.7    | U | 1.7  | 0.31 |
| 106-93-4    | 1,2-Dibromoethane                                | 187.87           | 1.5    | U | 1.5  | 0.38 |
| 108-90-7    | Chlorobenzene                                    | 112.56           | 0.92   | U | 0.92 | 0.26 |
| 100-41-4    | Ethylbenzene                                     | 106.17           | 0.87   | U | 0.87 | 0.27 |
| 179601-23-1 | m,p-Xylene                                       | 106.17           | 2.2    | U | 2.2  | 0.43 |
| 95-47-6     | o-Xylene                                         | 106.17           | 0.87   | U | 0.87 | 0.21 |
| 100-42-5    | Styrene                                          | 104.15           | 0.85   | U | 0.85 | 0.17 |
| 75-25-2     | Bromoform                                        | 252.75           | 2.1    | U | 2.1  | 0.50 |
| 98-82-8     | Cumene                                           | 120.19           | 0.98   | U | 0.98 | 0.17 |
| 79-34-5     | 1,1,2,2-Tetrachloroethane                        | 167.85           | 1.4    | U | 1.4  | 0.29 |
| 103-65-1    | n-Propylbenzene                                  | 120.19           | 0.98   | U | 0.98 | 0.19 |
| 622-96-8    | 4-Ethyltoluene                                   | 120.20           | 0.98   | U | 0.98 | 0.20 |
| 108-67-8    | 1,3,5-Trimethylbenzene                           | 120.20           | 0.98   | U | 0.98 | 0.19 |
| 95-49-8     | 2-Chlorotoluene                                  | 126.59           | 1.0    | U | 1.0  | 0.22 |
| 98-06-6     | tert-Butylbenzene                                | 134.22           | 1.1    | U | 1.1  | 0.19 |
| 95-63-6     | 1,2,4-Trimethylbenzene                           | 120.20           | 0.98   | U | 0.98 | 0.22 |
| 135-98-8    | sec-Butylbenzene                                 | 134.22           | 1.1    | U | 1.1  | 0.19 |
| 99-87-6     | 4-Isopropyltoluene                               | 134.22           | 1.1    | U | 1.1  | 0.21 |
| 541-73-1    | 1,3-Dichlorobenzene                              | 147.00           | 1.2    | U | 1.2  | 0.66 |
| 106-46-7    | 1,4-Dichlorobenzene                              | 147.00           | 1.2    | U | 1.2  | 0.72 |

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

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-56451-1  
SDG No.: 200-56451-1  
Client Sample ID: \_\_\_\_\_ Lab Sample ID: MB 200-162293/5  
Matrix: Air Lab File ID: 200-44158-005.D  
Analysis Method: TO-15 Date Collected: \_\_\_\_\_  
Sample wt/vol: 200 (mL) Date Analyzed: 12/21/2020 10:52  
Soil Aliquot Vol: \_\_\_\_\_ Dilution Factor: 1  
Soil Extract Vol.: \_\_\_\_\_ GC Column: RTX-624 ID: 0.32 (mm)  
% Moisture: \_\_\_\_\_ Level: (low/med) Low  
Analysis Batch No.: 162293 Units: ug/m3

| CAS NO.  | COMPOUND NAME          | MOLECULAR WEIGHT | RESULT | Q | RL  | MDL  |
|----------|------------------------|------------------|--------|---|-----|------|
| 100-44-7 | Benzyl chloride        | 126.58           | 1.0    | U | 1.0 | 0.44 |
| 104-51-8 | n-Butylbenzene         | 134.22           | 1.1    | U | 1.1 | 0.21 |
| 95-50-1  | 1,2-Dichlorobenzene    | 147.00           | 1.2    | U | 1.2 | 0.58 |
| 120-82-1 | 1,2,4-Trichlorobenzene | 181.45           | 3.7    | U | 3.7 | 1.6  |
| 87-68-3  | Hexachlorobutadiene    | 260.76           | 2.1    | U | 2.1 | 0.81 |
| 91-20-3  | Naphthalene            | 128.17           | 2.6    | U | 2.6 | 0.89 |

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

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-56451-1  
 SDG No.: 200-56451-1  
 Client Sample ID: \_\_\_\_\_ Lab Sample ID: MB 200-162293/5  
 Matrix: Air Lab File ID: 200-44158-005.D  
 Analysis Method: TO-15 Date Collected: \_\_\_\_\_  
 Sample wt/vol: 200 (mL) Date Analyzed: 12/21/2020 10:52  
 Soil Aliquot Vol: \_\_\_\_\_ Dilution Factor: 1  
 Soil Extract Vol.: \_\_\_\_\_ GC Column: RTX-624 ID: 0.32 (mm)  
 % Moisture: \_\_\_\_\_ Level: (low/med) Low  
 Analysis Batch No.: 162293 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  | 0.12  |
| 76-14-2   | 1,2-Dichlorotetrafluoroethane    | 170.92           | 0.20   | U | 0.20  | 0.035 |
| 74-87-3   | Chloromethane                    | 50.49            | 0.50   | U | 0.50  | 0.11  |
| 106-97-8  | n-Butane                         | 58.12            | 0.50   | U | 0.50  | 0.11  |
| 75-01-4   | Vinyl chloride                   | 62.50            | 0.078  | U | 0.078 | 0.044 |
| 106-99-0  | 1,3-Butadiene                    | 54.09            | 0.20   | U | 0.20  | 0.057 |
| 74-83-9   | Bromomethane                     | 94.94            | 0.20   | U | 0.20  | 0.051 |
| 75-00-3   | Chloroethane                     | 64.52            | 0.50   | U | 0.50  | 0.054 |
| 593-60-2  | Bromoethene (Vinyl Bromide)      | 106.96           | 0.20   | U | 0.20  | 0.052 |
| 75-69-4   | Trichlorofluoromethane           | 137.37           | 0.20   | U | 0.20  | 0.060 |
| 76-13-1   | 1,1,2-Trichlorotrifluoroethane   | 187.38           | 0.20   | U | 0.20  | 0.038 |
| 75-35-4   | 1,1-Dichloroethene               | 96.94            | 0.050  | U | 0.050 | 0.039 |
| 67-64-1   | Acetone                          | 58.08            | 5.0    | U | 5.0   | 1.2   |
| 67-63-0   | Isopropyl alcohol                | 60.10            | 5.0    | U | 5.0   | 0.48  |
| 75-15-0   | Carbon disulfide                 | 76.14            | 0.50   | U | 0.50  | 0.074 |
| 107-05-1  | 3-Chloropropene                  | 76.53            | 0.50   | U | 0.50  | 0.064 |
| 75-09-2   | Methylene Chloride               | 84.93            | 0.50   | U | 0.50  | 0.27  |
| 75-65-0   | tert-Butyl alcohol               | 74.12            | 5.0    | U | 5.0   | 0.038 |
| 1634-04-4 | Methyl tert-butyl ether          | 88.15            | 0.20   | U | 0.20  | 0.033 |
| 156-60-5  | trans-1,2-Dichloroethene         | 96.94            | 0.20   | U | 0.20  | 0.042 |
| 110-54-3  | n-Hexane                         | 86.17            | 0.20   | U | 0.20  | 0.20  |
| 75-34-3   | 1,1-Dichloroethane               | 98.96            | 0.20   | U | 0.20  | 0.041 |
| 78-93-3   | Methyl Ethyl Ketone (2-Butanone) | 72.11            | 0.50   | U | 0.50  | 0.072 |
| 156-59-2  | cis-1,2-Dichloroethene           | 96.94            | 0.050  | U | 0.050 | 0.045 |
| 67-66-3   | Chloroform                       | 119.38           | 0.20   | U | 0.20  | 0.032 |
| 109-99-9  | Tetrahydrofuran                  | 72.11            | 5.0    | U | 5.0   | 0.066 |
| 71-55-6   | 1,1,1-Trichloroethane            | 133.41           | 0.20   | U | 0.20  | 0.036 |
| 110-82-7  | Cyclohexane                      | 84.16            | 0.20   | U | 0.20  | 0.046 |
| 56-23-5   | Carbon tetrachloride             | 153.81           | 0.035  | U | 0.035 | 0.024 |
| 540-84-1  | 2,2,4-Trimethylpentane           | 114.23           | 0.20   | U | 0.20  | 0.041 |
| 71-43-2   | Benzene                          | 78.11            | 0.20   | U | 0.20  | 0.067 |
| 107-06-2  | 1,2-Dichloroethane               | 98.96            | 0.20   | U | 0.20  | 0.032 |

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

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-56451-1  
 SDG No.: 200-56451-1  
 Client Sample ID: \_\_\_\_\_ Lab Sample ID: MB 200-162293/5  
 Matrix: Air Lab File ID: 200-44158-005.D  
 Analysis Method: TO-15 Date Collected: \_\_\_\_\_  
 Sample wt/vol: 200 (mL) Date Analyzed: 12/21/2020 10:52  
 Soil Aliquot Vol: \_\_\_\_\_ Dilution Factor: 1  
 Soil Extract Vol.: \_\_\_\_\_ GC Column: RTX-624 ID: 0.32 (mm)  
 % Moisture: \_\_\_\_\_ Level: (low/med) Low  
 Analysis Batch No.: 162293 Units: ppb v/v

| CAS NO.     | COMPOUND NAME                                    | MOLECULAR WEIGHT | RESULT | Q | RL    | MDL   |
|-------------|--------------------------------------------------|------------------|--------|---|-------|-------|
| 142-82-5    | n-Heptane                                        | 100.21           | 0.20   | U | 0.20  | 0.056 |
| 79-01-6     | Trichloroethene                                  | 131.39           | 0.037  | U | 0.037 | 0.035 |
| 80-62-6     | Methyl methacrylate                              | 100.12           | 0.50   | U | 0.50  | 0.033 |
| 78-87-5     | 1,2-Dichloropropane                              | 112.99           | 0.20   | U | 0.20  | 0.033 |
| 123-91-1    | 1,4-Dioxane                                      | 88.11            | 5.0    | U | 5.0   | 0.084 |
| 75-27-4     | Bromodichloromethane                             | 163.83           | 0.20   | U | 0.20  | 0.035 |
| 10061-01-5  | cis-1,3-Dichloropropene                          | 110.97           | 0.20   | U | 0.20  | 0.032 |
| 108-10-1    | 4-Methyl-2-pentanone<br>(Methyl isobutyl ketone) | 100.16           | 0.50   | U | 0.50  | 0.036 |
| 108-88-3    | Toluene                                          | 92.14            | 0.20   | U | 0.20  | 0.11  |
| 10061-02-6  | trans-1,3-Dichloropropene                        | 110.97           | 0.20   | U | 0.20  | 0.039 |
| 79-00-5     | 1,1,2-Trichloroethane                            | 133.41           | 0.20   | U | 0.20  | 0.036 |
| 127-18-4    | Tetrachloroethene                                | 165.83           | 0.20   | U | 0.20  | 0.033 |
| 591-78-6    | Methyl Butyl Ketone<br>(2-Hexanone)              | 100.20           | 0.50   | U | 0.50  | 0.048 |
| 124-48-1    | Dibromochloromethane                             | 208.28           | 0.20   | U | 0.20  | 0.036 |
| 106-93-4    | 1,2-Dibromoethane                                | 187.87           | 0.20   | U | 0.20  | 0.049 |
| 108-90-7    | Chlorobenzene                                    | 112.56           | 0.20   | U | 0.20  | 0.056 |
| 100-41-4    | Ethylbenzene                                     | 106.17           | 0.20   | U | 0.20  | 0.063 |
| 179601-23-1 | m,p-Xylene                                       | 106.17           | 0.50   | U | 0.50  | 0.10  |
| 95-47-6     | o-Xylene                                         | 106.17           | 0.20   | U | 0.20  | 0.048 |
| 100-42-5    | Styrene                                          | 104.15           | 0.20   | U | 0.20  | 0.040 |
| 75-25-2     | Bromoform                                        | 252.75           | 0.20   | U | 0.20  | 0.048 |
| 98-82-8     | Cumene                                           | 120.19           | 0.20   | U | 0.20  | 0.035 |
| 79-34-5     | 1,1,2,2-Tetrachloroethane                        | 167.85           | 0.20   | U | 0.20  | 0.042 |
| 103-65-1    | n-Propylbenzene                                  | 120.19           | 0.20   | U | 0.20  | 0.039 |
| 622-96-8    | 4-Ethyltoluene                                   | 120.20           | 0.20   | U | 0.20  | 0.041 |
| 108-67-8    | 1,3,5-Trimethylbenzene                           | 120.20           | 0.20   | U | 0.20  | 0.039 |
| 95-49-8     | 2-Chlorotoluene                                  | 126.59           | 0.20   | U | 0.20  | 0.042 |
| 98-06-6     | tert-Butylbenzene                                | 134.22           | 0.20   | U | 0.20  | 0.035 |
| 95-63-6     | 1,2,4-Trimethylbenzene                           | 120.20           | 0.20   | U | 0.20  | 0.044 |
| 135-98-8    | sec-Butylbenzene                                 | 134.22           | 0.20   | U | 0.20  | 0.035 |
| 99-87-6     | 4-Isopropyltoluene                               | 134.22           | 0.20   | U | 0.20  | 0.039 |
| 541-73-1    | 1,3-Dichlorobenzene                              | 147.00           | 0.20   | U | 0.20  | 0.11  |
| 106-46-7    | 1,4-Dichlorobenzene                              | 147.00           | 0.20   | U | 0.20  | 0.12  |

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

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-56451-1  
SDG No.: 200-56451-1  
Client Sample ID: \_\_\_\_\_ Lab Sample ID: MB 200-162293/5  
Matrix: Air Lab File ID: 200-44158-005.D  
Analysis Method: TO-15 Date Collected: \_\_\_\_\_  
Sample wt/vol: 200 (mL) Date Analyzed: 12/21/2020 10:52  
Soil Aliquot Vol: \_\_\_\_\_ Dilution Factor: 1  
Soil Extract Vol.: \_\_\_\_\_ GC Column: RTX-624 ID: 0.32 (mm)  
% Moisture: \_\_\_\_\_ Level: (low/med) Low  
Analysis Batch No.: 162293 Units: ppb v/v

| CAS NO.  | COMPOUND NAME          | MOLECULAR WEIGHT | RESULT | Q | RL   | MDL   |
|----------|------------------------|------------------|--------|---|------|-------|
| 100-44-7 | Benzyl chloride        | 126.58           | 0.20   | U | 0.20 | 0.085 |
| 104-51-8 | n-Butylbenzene         | 134.22           | 0.20   | U | 0.20 | 0.039 |
| 95-50-1  | 1,2-Dichlorobenzene    | 147.00           | 0.20   | U | 0.20 | 0.097 |
| 120-82-1 | 1,2,4-Trichlorobenzene | 181.45           | 0.50   | U | 0.50 | 0.22  |
| 87-68-3  | Hexachlorobutadiene    | 260.76           | 0.20   | U | 0.20 | 0.076 |
| 91-20-3  | Naphthalene            | 128.17           | 0.50   | U | 0.50 | 0.17  |

Eurofins TestAmerica, Burlington  
Target Compound Quantitation Report

Data File: \\chromfs\Burlington\ChromData\CHG.i\20201221-44158.b\200-44158-005.D  
 Lims ID: mb  
 Client ID:  
 Sample Type: MB  
 Inject. Date: 21-Dec-2020 10:52:30 ALS Bottle#: 4 Worklist Smp#: 5  
 Purge Vol: 200.000 mL Dil. Factor: 1.0000  
 Sample Info: 200-0044158-005  
 Operator ID: ggg Instrument ID: CHG.i  
 Method: \\chromfs\Burlington\ChromData\CHG.i\20201221-44158.b\TO15\_MasterMethod\_(v1)\_G.m  
 Limit Group: AI\_TO15\_ICAL  
 Last Update: 21-Dec-2020 12:20:50 Calib Date: 09-Dec-2020 17:31:30  
 Integrator: RTE ID Type: Deconvolution ID  
 Quant Method: Internal Standard Quant By: Initial Calibration  
 Last ICal File: \\chromfs\Burlington\ChromData\CHG.i\20201209-43976.b\200-43976-009.D  
 Column 1 : RTX-624 ( 0.32 mm) Det: MS SCAN  
 Process Host: CTX1681

First Level Reviewer: bourdeaut

Date: 21-Dec-2020 12:20:50

| Compound                           | Sig | RT<br>(min.) | Adj RT<br>(min.) | Dlt RT<br>(min.) | Q | Response | Cal Amt<br>ppb v/v | OnCol Amt<br>ppb v/v | Flags |
|------------------------------------|-----|--------------|------------------|------------------|---|----------|--------------------|----------------------|-------|
| 1 Propene                          | 41  |              | 3.048            |                  |   |          |                    | ND                   | U     |
| 2 Dichlorodifluoromethane          | 85  |              | 3.102            |                  |   |          |                    | ND                   | 7     |
| 3 Chlorodifluoromethane            | 51  |              | 3.123            |                  |   |          |                    | ND                   | 7     |
| 4 1,2-Dichloro-1,1,2,2-tetrafluoro | 85  |              | 3.316            |                  |   |          |                    | ND                   | 7     |
| 5 Chloromethane                    | 50  |              | 3.391            |                  |   |          |                    | ND                   | U     |
| 7 Vinyl chloride                   | 62  |              | 3.583            |                  |   |          |                    | ND                   |       |
| 6 Butane                           | 43  |              | 3.589            |                  |   |          |                    | ND                   | 7     |
| 8 Butadiene                        | 54  |              | 3.653            |                  |   |          |                    | ND                   |       |
| 10 Bromomethane                    | 94  |              | 4.124            |                  |   |          |                    | ND                   |       |
| 11 Chloroethane                    | 64  |              | 4.311            |                  |   |          |                    | ND                   |       |
| 12 2-Methylbutane                  | 43  |              | 4.482            |                  |   |          |                    | ND                   | 7     |
| 13 Vinyl bromide                   | 106 |              | 4.627            |                  |   |          |                    | ND                   |       |
| 14 Trichlorofluoromethane          | 101 |              | 4.755            |                  |   |          |                    | ND                   | 7     |
| 16 Pentane                         | 43  |              | 4.921            |                  |   |          |                    | ND                   |       |
| 17 Ethanol                         | 45  |              | 4.985            |                  |   |          |                    | ND                   |       |
| 18 Ethyl ether                     | 59  |              | 5.242            |                  |   |          |                    | ND                   |       |
| 19 Acrolein                        | 56  |              | 5.424            |                  |   |          |                    | ND                   |       |
| 21 1,1-Dichloroethene              | 96  |              | 5.622            |                  |   |          |                    | ND                   |       |
| 22 Acetone                         | 43  |              | 5.654            |                  |   |          |                    | ND                   |       |
| 20 112TCTFE                        | 101 |              | 5.664            |                  |   |          |                    | ND                   |       |
| 24 Isopropyl alcohol               | 45  |              | 5.889            |                  |   |          |                    | ND                   |       |
| 23 Carbon disulfide                | 76  |              | 6.001            |                  |   |          |                    | ND                   | 7     |
| 26 Acetonitrile                    | 41  |              | 6.076            |                  |   |          |                    | ND                   |       |
| 25 3-Chloro-1-propene              | 41  |              | 6.237            |                  |   |          |                    | ND                   | 7     |
| 27 Methylene Chloride              | 49  |              | 6.435            |                  |   |          |                    | ND                   | 7     |
| 28 2-Methyl-2-propanol             | 59  |              | 6.606            |                  |   |          |                    | ND                   |       |
| 32 Acrylonitrile                   | 53  |              | 6.783            |                  |   |          |                    | ND                   |       |
| 31 trans-1,2-Dichloroethene        | 61  |              | 6.927            |                  |   |          |                    | ND                   |       |
| 29 Methyl tert-butyl ether         | 73  |              | 6.943            |                  |   |          |                    | ND                   | U     |
| 33 Hexane                          | 57  |              | 7.451            |                  |   |          |                    | ND                   |       |
| 34 1,1-Dichloroethane              | 63  |              | 7.655            |                  |   |          |                    | ND                   |       |
| 35 Vinyl acetate                   | 43  |              | 7.665            |                  |   |          |                    | ND                   |       |

| Compound                       | Sig | RT (min.) | Adj RT (min.)  | Dlt RT (min.) | Q  | Response | Cal Amt ppb v/v | OnCol Amt ppb v/v | Flags |
|--------------------------------|-----|-----------|----------------|---------------|----|----------|-----------------|-------------------|-------|
| 38 2-Butanone (MEK)            | 72  |           | 8.585          |               |    |          |                 | ND                |       |
| 37 cis-1,2-Dichloroethene      | 96  |           | 8.623          |               |    |          |                 | ND                |       |
| 39 Ethyl acetate               | 88  |           | 8.708          |               |    |          |                 | ND                | U     |
| * 40 Chlorobromomethane        | 128 | 9.029     | 9.029          | 0.000         | 81 | 74363    | 10.0            | 10.0              |       |
| 41 Tetrahydrofuran             | 42  |           | 9.104          |               |    |          |                 | ND                | 7     |
| 42 Chloroform                  | 83  |           | 9.211          |               |    |          |                 | ND                |       |
| 44 1,1,1-Trichloroethane       | 97  |           | 9.554          |               |    |          |                 | ND                |       |
| S 30 1,2-Dichloroethene, Total | 61  |           | 9.665          |               |    |          |                 | ND                | 7     |
| 43 Cyclohexane                 | 84  |           | 9.725          |               |    |          |                 | ND                |       |
| 45 Carbon tetrachloride        | 117 |           | 9.853          |               |    |          |                 | ND                |       |
| 47 Benzene                     | 78  | 10.206    | 10.206         | 0.005         | 1  | 388      |                 | 0.0191            |       |
| 48 1,2-Dichloroethane          | 62  |           | 10.255         |               |    |          |                 | ND                |       |
| 46 Isooctane                   | 57  |           | 10.490         |               |    |          |                 | ND                |       |
| 49 n-Heptane                   | 43  |           | 10.827         |               |    |          |                 | ND                | 7     |
| * 50 1,4-Difluorobenzene       | 114 | 11.009    | 11.003         | 0.006         | 95 | 423557   | 10.0            | 10.0              |       |
| 52 n-Butanol                   | 56  |           | 11.255         |               |    |          |                 | ND                |       |
| 53 Trichloroethene             | 95  |           | 11.496         |               |    |          |                 | ND                |       |
| 54 1,2-Dichloropropane         | 63  |           | 11.982         |               |    |          |                 | ND                |       |
| 55 Methyl methacrylate         | 69  |           | 12.116         |               |    |          |                 | ND                |       |
| 56 1,4-Dioxane                 | 88  |           | 12.143         |               |    |          |                 | ND                |       |
| 57 Dibromomethane              | 174 |           | 12.143         |               |    |          |                 | ND                | U     |
| A 51 GRO                       | 1   | 12.402    | (4.472-20.333) |               | 0  | 2865403  |                 | 0                 |       |
| 58 Dichlorobromomethane        | 83  |           | 12.501         |               |    |          |                 | ND                |       |
| 60 cis-1,3-Dichloropropene     | 75  |           | 13.395         |               |    |          |                 | ND                | 7     |
| 61 4-Methyl-2-pentanone (MIBK) | 43  |           | 13.694         |               |    |          |                 | ND                |       |
| A 59 TVOC as Toluene           | 92  | 14.112    | (3.038-25.185) |               | 0  | 3117155  |                 | 0                 |       |
| 65 Toluene                     | 92  | 14.101    | 14.112         | -0.011        | 1  | 334      |                 | 0.0204            |       |
| 64 n-Octane                    | 43  |           | 14.449         |               |    |          |                 | ND                |       |
| 66 trans-1,3-Dichloropropene   | 75  |           | 14.545         |               |    |          |                 | ND                | 7     |
| 67 1,1,2-Trichloroethane       | 83  |           | 14.941         |               |    |          |                 | ND                | 7     |
| 68 Tetrachloroethene           | 166 |           | 15.198         |               |    |          |                 | ND                |       |
| 69 2-Hexanone                  | 43  |           | 15.412         |               |    |          |                 | ND                |       |
| 71 Chlorodibromomethane        | 129 |           | 15.727         |               |    |          |                 | ND                |       |
| 72 Ethylene Dibromide          | 107 |           | 15.979         |               |    |          |                 | ND                |       |
| * 74 Chlorobenzene-d5          | 117 | 16.968    | 16.968         | 0.000         | 88 | 372218   | 10.0            | 10.0              |       |
| 75 Chlorobenzene               | 112 |           | 17.033         |               |    |          |                 | ND                | 7     |
| 76 Ethylbenzene                | 91  | 17.257    | 17.257         | 0.000         | 1  | 605      |                 | 0.0164            |       |
| 78 m-Xylene & p-Xylene         | 106 |           | 17.530         |               |    |          |                 | ND                |       |
| 77 n-Nonane                    | 57  |           | 17.664         |               |    |          |                 | ND                |       |
| 79 o-Xylene                    | 106 | 18.354    | 18.349         | 0.005         | 17 | 595      |                 | 0.0433            |       |
| 80 Styrene                     | 104 |           | 18.375         |               |    |          |                 | ND                | 7     |
| 81 Bromoform                   | 173 |           | 18.723         |               |    |          |                 | ND                | 7     |
| 82 Isopropylbenzene            | 105 |           | 19.135         |               |    |          |                 | ND                | 7     |
| S 73 Xylenes, Total            | 106 |           |                |               | 0  |          |                 | 0.0433            |       |
| 84 1,1,2,2-Tetrachloroethane   | 83  |           | 19.675         |               |    |          |                 | ND                | 7     |
| 86 1,2,3-Trichloropropane      | 75  |           | 19.777         |               |    |          |                 | ND                |       |
| 85 N-Propylbenzene             | 91  |           | 19.927         |               |    |          |                 | ND                | 7     |
| 89 2-Chlorotoluene             | 91  |           | 20.071         |               |    |          |                 | ND                | 7     |
| 88 4-Ethyltoluene              | 105 |           | 20.141         |               |    |          |                 | ND                | U     |
| 90 1,3,5-Trimethylbenzene      | 105 |           | 20.248         |               |    |          |                 | ND                | 7     |
| 87 n-Decane                    | 57  |           | 20.323         |               |    |          |                 | ND                |       |
| 91 Alpha Methyl Styrene        | 118 |           | 20.595         |               |    |          |                 | ND                | U     |



| Compound                               | Sig | RT<br>(min.) | Adj RT<br>(min.) | Dlt RT<br>(min.) | Q | Response | Cal Amt<br>ppb v/v | OnCol Amt<br>ppb v/v | Flags |
|----------------------------------------|-----|--------------|------------------|------------------|---|----------|--------------------|----------------------|-------|
| 92 tert-Butylbenzene                   | 119 |              | 20.761           |                  |   |          |                    | ND                   | U     |
| 93 1,2,4-Trimethylbenzene              | 105 |              | 20.852           |                  |   |          |                    | ND                   | U     |
| 94 sec-Butylbenzene                    | 105 |              | 21.109           |                  |   |          |                    | ND                   | 7     |
| 96 1,3-Dichlorobenzene                 | 146 |              | 21.270           |                  |   |          |                    | ND                   | U     |
| 95 4-Isopropyltoluene                  | 119 |              | 21.339           |                  |   |          |                    | ND                   | 7     |
| 97 1,4-Dichlorobenzene                 | 146 |              | 21.419           |                  |   |          |                    | ND                   | U     |
| 98 Benzyl chloride                     | 91  |              | 21.569           |                  |   |          |                    | ND                   | U     |
| 100 n-Butylbenzene                     | 91  |              | 21.912           |                  |   |          |                    | ND                   | 7     |
| 101 1,2-Dichlorobenzene                | 146 |              | 21.917           |                  |   |          |                    | ND                   | U     |
| 99 Undecane                            | 57  |              | 22.099           |                  |   |          |                    | ND                   | 7     |
| 102 Dodecane                           | 57  |              | 23.666           |                  |   |          |                    | ND                   | 7     |
| 103 1,2,4-Trichlorobenzene             | 180 |              | 24.324           |                  |   |          |                    | ND                   | U     |
| 104 Hexachlorobutadiene                | 225 |              | 24.586           |                  |   |          |                    | ND                   | 7     |
| 105 Naphthalene                        | 128 |              | 24.779           |                  |   |          |                    | ND                   | 7     |
| 106 1,2,3-Trichlorobenzene             | 180 |              | 25.175           |                  |   |          |                    | ND                   | U     |
| 118 Chlorotrifluoroethene TIC          | 1   |              | 0.000            |                  |   |          |                    | ND                   |       |
| 119 Difluoroethane TIC                 | 1   |              | 0.000            |                  |   |          |                    | ND                   |       |
| 120 Total Alkanes TIC                  | 1   |              | 0.000            |                  |   |          |                    | ND                   |       |
| 121 Freon 115 TIC                      | 1   |              | 0.000            |                  |   |          |                    | ND                   |       |
| 122 1,1,1-Trifluoro-2,2-dichloroetha 1 |     |              | 0.000            |                  |   |          |                    | ND                   |       |
| 123 Methylcyclohexane                  | 83  |              | 0.000            |                  |   |          |                    | ND                   |       |

**QC Flag Legend**

Processing Flags

7 - Failed Limit of Detection

Review Flags

U - Marked Undetected

**Reagents:**

ATTO15GIS\_00017

Amount Added: 20.00

Units: mL

Run Reagent

Report Date: 21-Dec-2020 12:20:50

Chrom Revision: 2.3 09-Dec-2020 16:22:14

Eurofins TestAmerica, Burlington

Data File: \\chromfs\Burlington\ChromData\CHG.i\20201221-44158.b\200-44158-005.D

Injection Date: 21-Dec-2020 10:52:30

Instrument ID: CHG.i

Operator ID: ggg

Lims ID: mb

Worklist Smp#: 5

Client ID:

Purge Vol: 200.000 mL

Dil. Factor: 1.0000

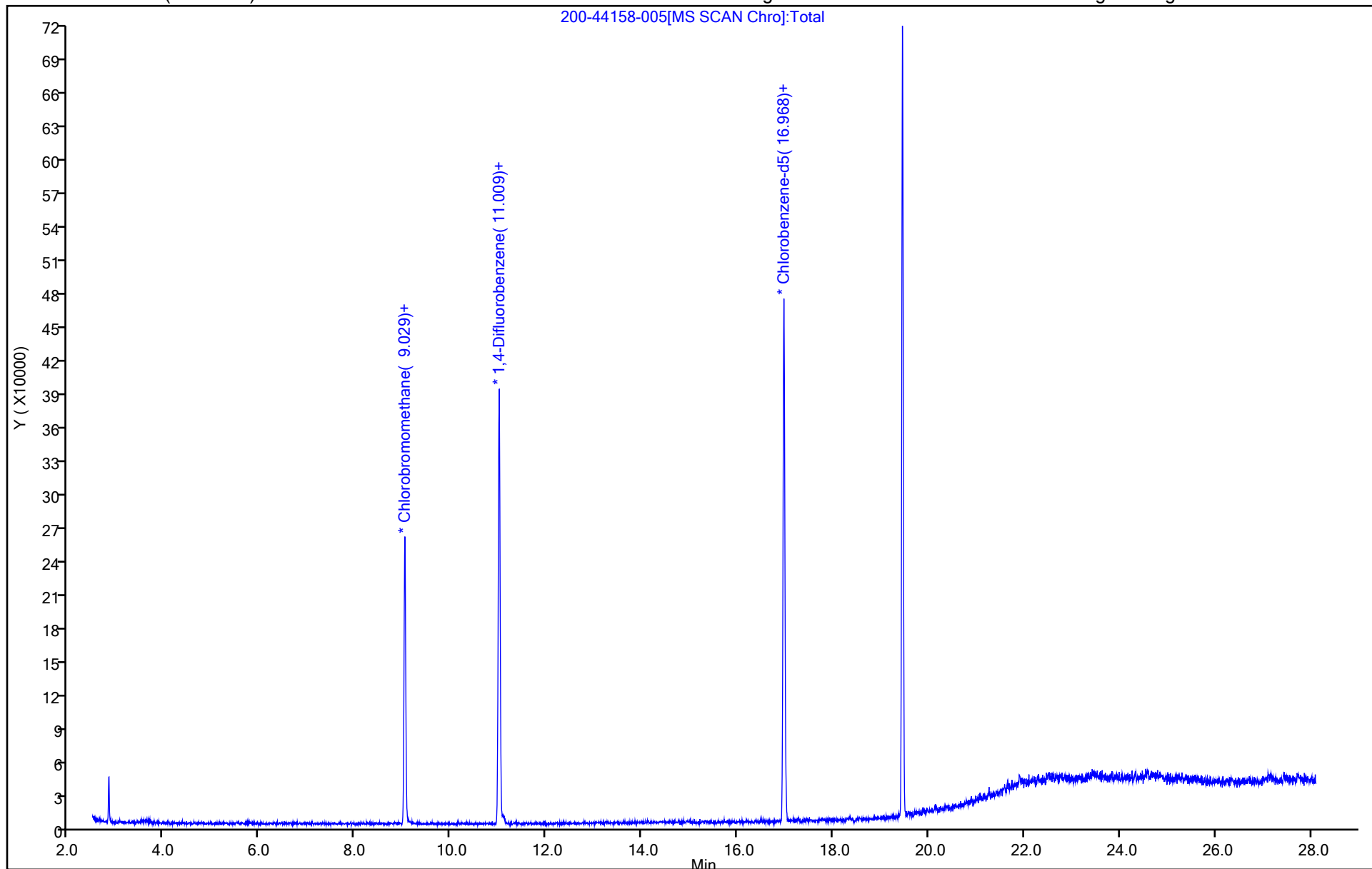
ALS Bottle#: 4

Method: TO15\_MasterMethod\_(v1)\_G

Limit Group: AI\_TO15\_ICAL

Column: RTX-624 ( 0.32 mm)

Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



## Eurofins TestAmerica, Burlington

Data File: \\chromfs\Burlington\ChromData\CHG.i\20201221-44158.b\200-44158-005.D

Injection Date: 21-Dec-2020 10:52:30

Instrument ID: CHG.i

Lims ID: mb

Client ID:

Operator ID: ggg

ALS Bottle#:

4

Worklist Smp#: 5

Purge Vol: 200.000 mL

Dil. Factor: 1.0000

Method: TO15\_MasterMethod\_(v1)\_G

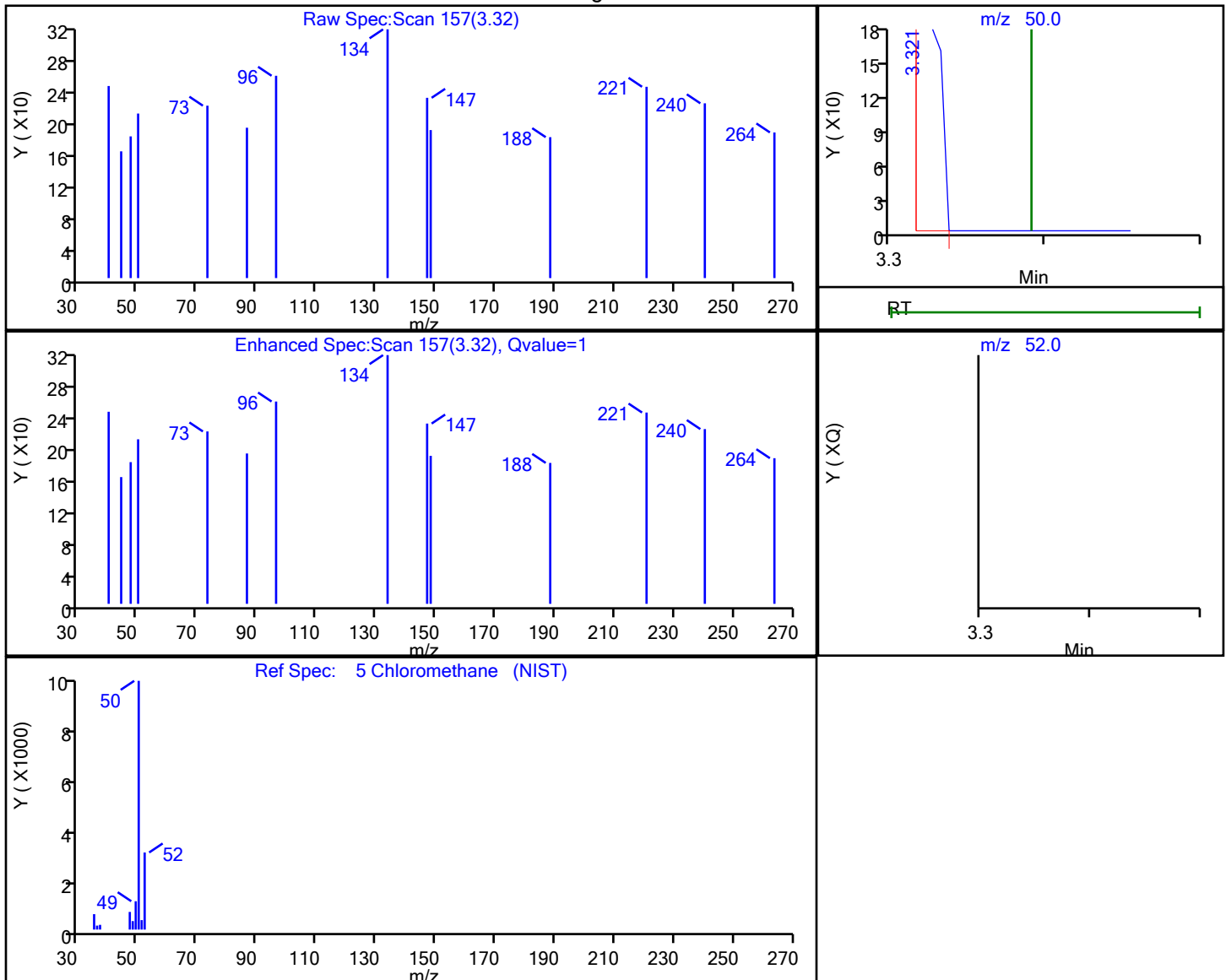
Limit Group: AI\_TO15\_ICAL

Column: RTX-624 ( 0.32 mm)

Detector: MS SCAN

## 5 Chloromethane, CAS: 74-87-3

## Processing Results



| RT   | Mass  | Response | Amount   |
|------|-------|----------|----------|
| 3.32 | 50.00 | 175      | 0.047461 |
| 3.39 | 52.00 | 0        |          |

Reviewer: bourdeaut, 21-Dec-2020 12:19:34

Audit Action: Marked Compound Undetected

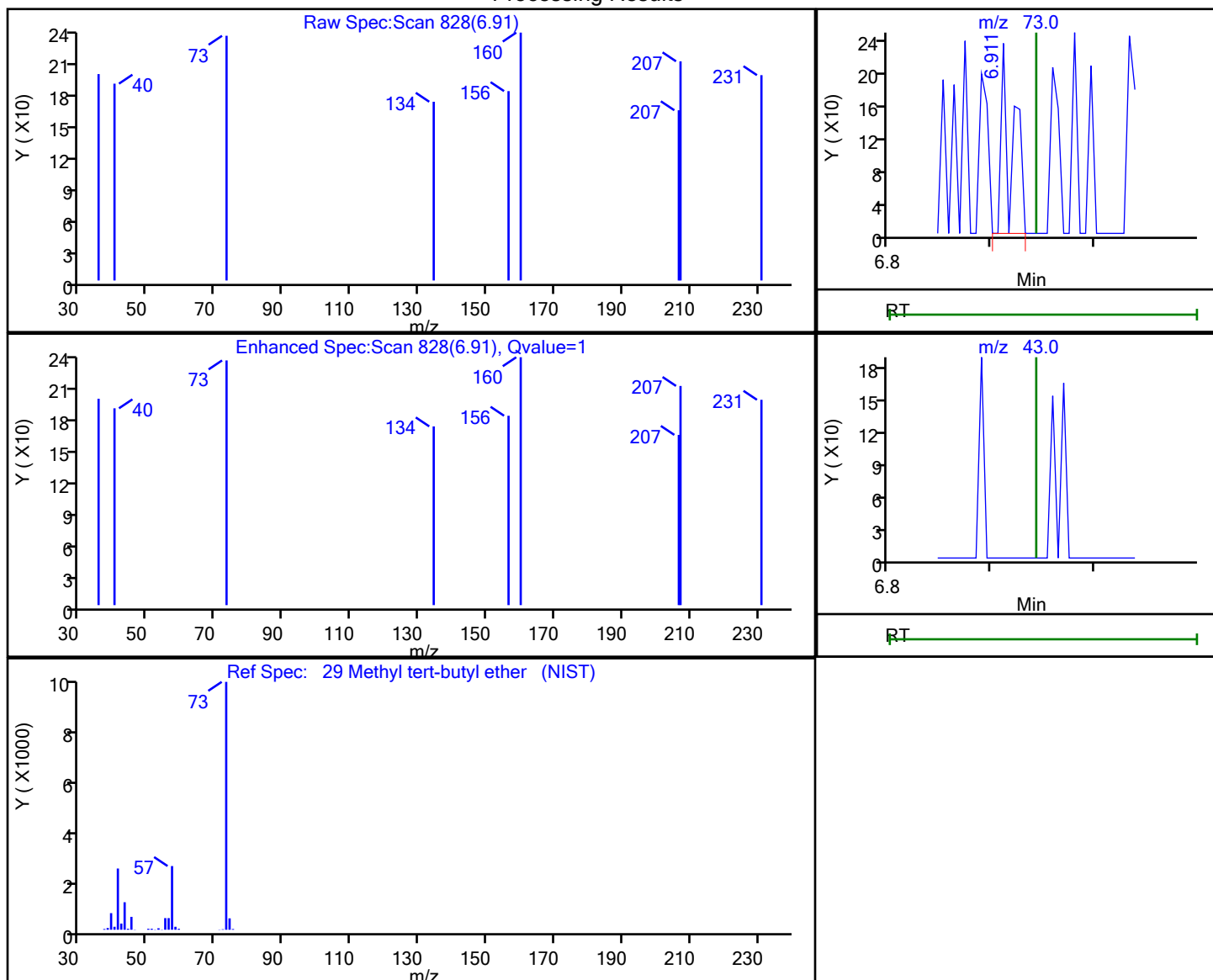
Audit Reason: Invalid Compound ID

## Eurofins TestAmerica, Burlington

Data File: \\chromfs\Burlington\ChromData\CHG.i\20201221-44158.b\200-44158-005.D  
Injection Date: 21-Dec-2020 10:52:30 Instrument ID: CHG.i  
Lims ID: mb  
Client ID:  
Operator ID: ggg ALS Bottle#: 4 Worklist Smp#: 5  
Purge Vol: 200.000 mL Dil. Factor: 1.0000  
Method: TO15\_MasterMethod\_(v1)\_G Limit Group: AI\_TO15\_ICAL  
Column: RTX-624 ( 0.32 mm) Detector MS SCAN

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

## Processing Results



| RT   | Mass  | Response | Amount   |
|------|-------|----------|----------|
| 6.91 | 73.00 | 171      | 0.013272 |
| 6.94 | 43.00 | 0        |          |

Reviewer: bourdeaut, 21-Dec-2020 12:20:14

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

## Eurofins TestAmerica, Burlington

Data File: \\chromfs\Burlington\ChromData\CHG.i\20201221-44158.b\200-44158-005.D

Injection Date: 21-Dec-2020 10:52:30

Instrument ID: CHG.i

Lims ID: mb

Client ID:

Operator ID: ggg

ALS Bottle#:

4

Worklist Smp#: 5

Purge Vol: 200.000 mL

Dil. Factor: 1.0000

Method: TO15\_MasterMethod\_(v1)\_G

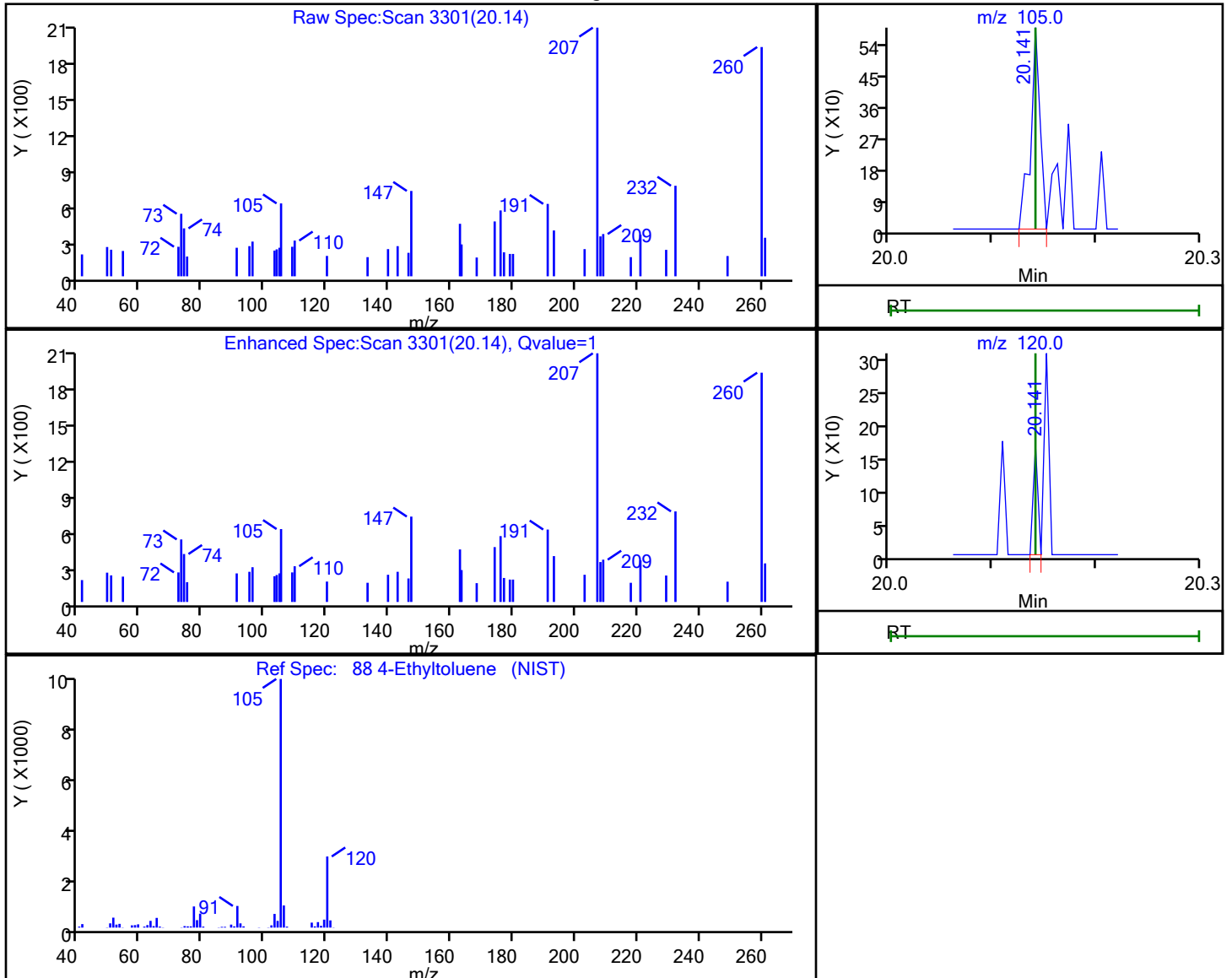
Limit Group: AI\_TO15\_ICAL

Column: RTX-624 ( 0.32 mm)

Detector: MS SCAN

## 88 4-Ethyltoluene, CAS: 622-96-8

## Processing Results



| RT    | Mass   | Response | Amount   |
|-------|--------|----------|----------|
| 20.14 | 105.00 | 378      | 0.010057 |
| 20.14 | 120.00 | 53       |          |

Reviewer: bourdeaut, 21-Dec-2020 12:20:14

Audit Action: Marked Compound Undetected

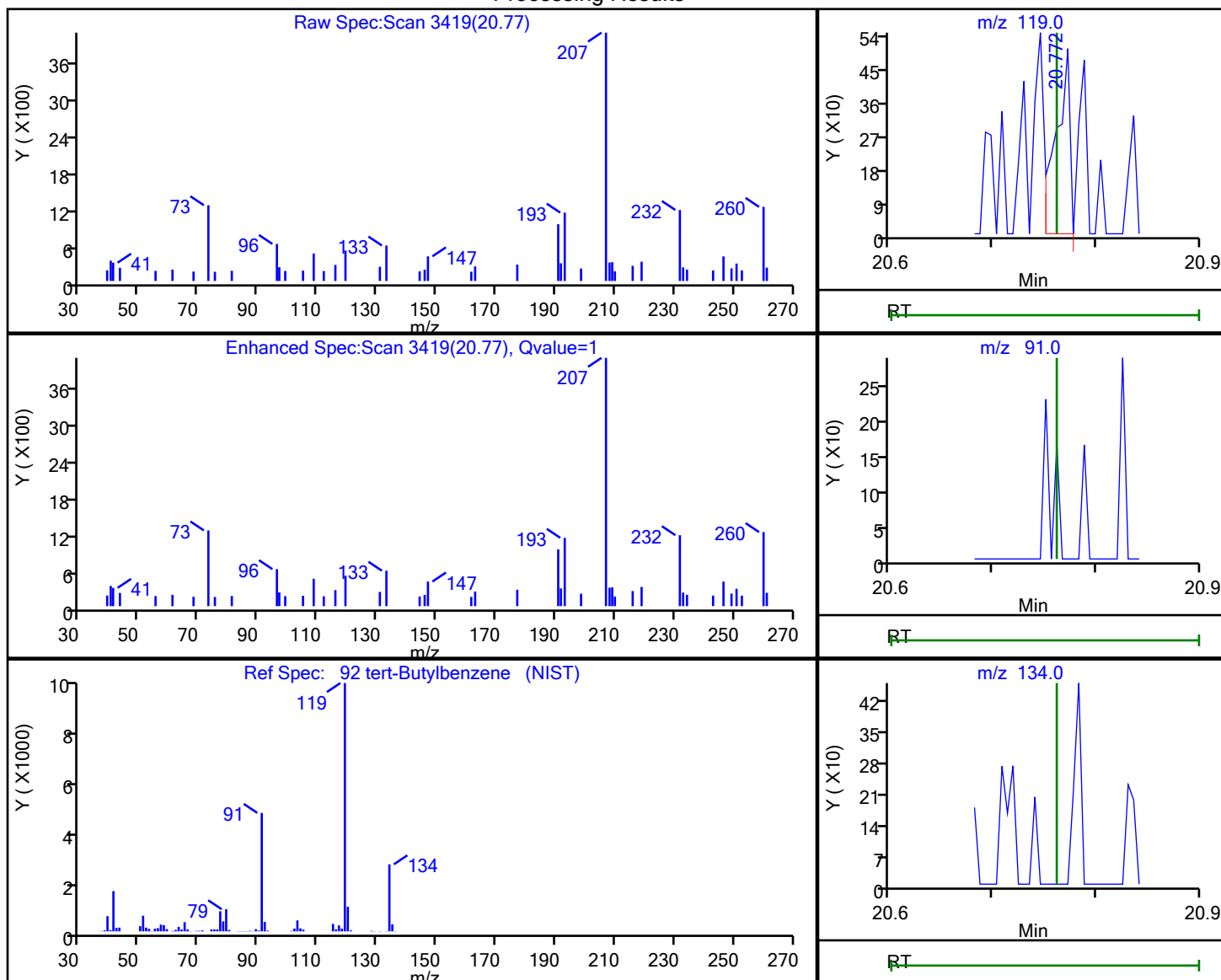
Audit Reason: Invalid Compound ID

## Eurofins TestAmerica, Burlington

Data File: \\chromfs\Burlington\ChromData\CHG.i\20201221-44158.b\200-44158-005.D  
Injection Date: 21-Dec-2020 10:52:30 Instrument ID: CHG.i  
Lims ID: mb  
Client ID:  
Operator ID: ggg ALS Bottle#: 4 Worklist Smp#: 5  
Purge Vol: 200.000 mL Dil. Factor: 1.0000  
Method: TO15\_MasterMethod\_(v1)\_G Limit Group: AI\_TO15\_ICAL  
Column: RTX-624 ( 0.32 mm) Detector: MS SCAN

## 92 tert-Butylbenzene, CAS: 98-06-6

## Processing Results



| RT    | Mass   | Response | Amount   |
|-------|--------|----------|----------|
| 20.77 | 119.00 | 466      | 0.015071 |
| 20.76 | 91.00  | 0        |          |
| 20.76 | 134.00 | 0        |          |

Reviewer: bourdeaut, 21-Dec-2020 12:20:14

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

## Eurofins TestAmerica, Burlington

Data File: \\chromfs\Burlington\ChromData\CHG.i\20201221-44158.b\200-44158-005.D

Injection Date: 21-Dec-2020 10:52:30

Instrument ID: CHG.i

Lims ID: mb

Client ID:

Operator ID: ggg

ALS Bottle#:

4

Worklist Smp#: 5

Purge Vol: 200.000 mL

Dil. Factor: 1.0000

Method: TO15\_MasterMethod\_(v1)\_G

Limit Group: AI\_TO15\_ICAL

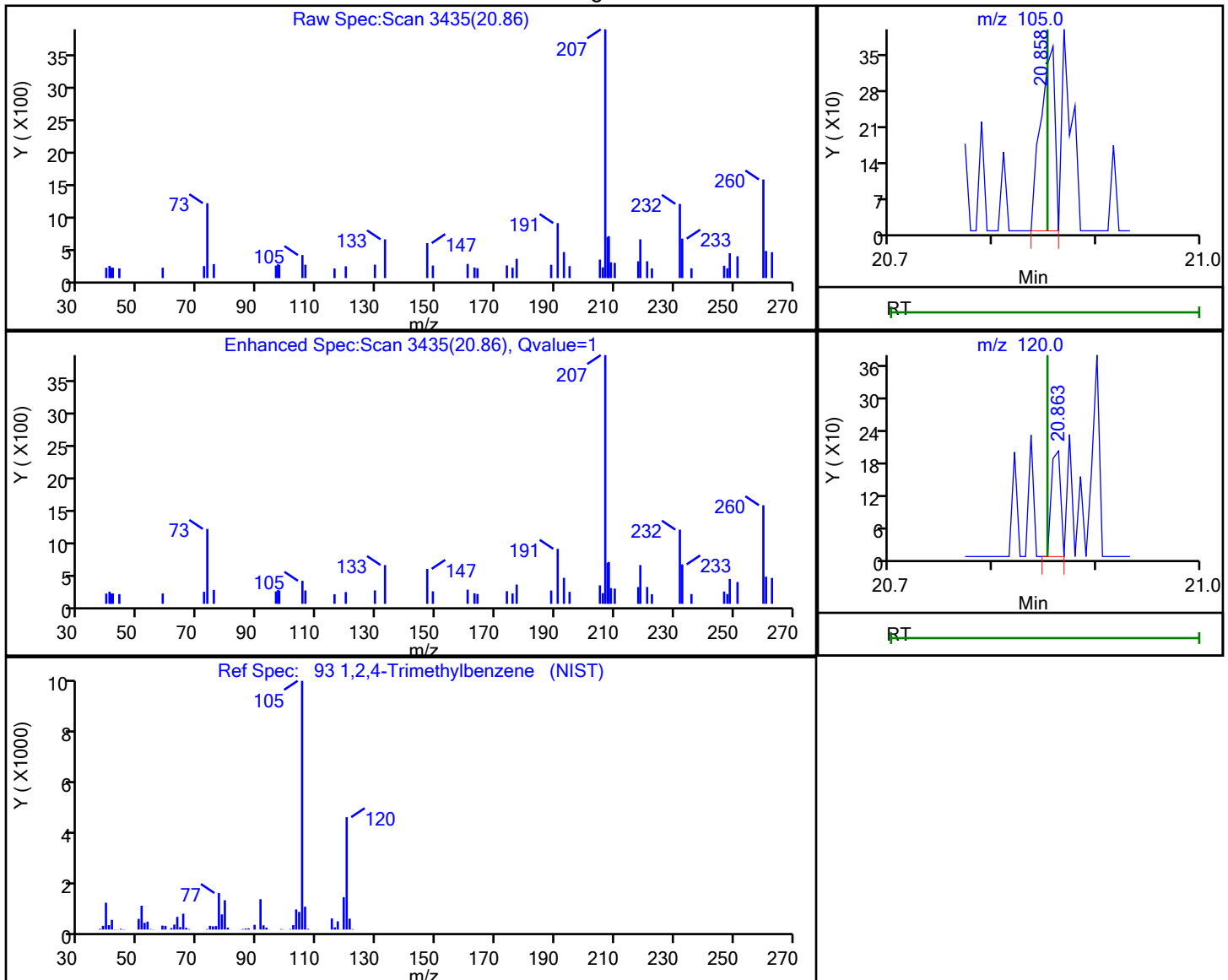
Column: RTX-624 ( 0.32 mm)

Detector

MS SCAN

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

## Processing Results



| RT    | Mass   | Response | Amount   |
|-------|--------|----------|----------|
| 20.86 | 105.00 | 346      | 0.010348 |
| 20.86 | 120.00 | 123      |          |

Reviewer: bourdeaut, 21-Dec-2020 12:20:14

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

## Eurofins TestAmerica, Burlington

Data File: \\chromfs\Burlington\ChromData\CHG.i\20201221-44158.b\200-44158-005.D

Injection Date: 21-Dec-2020 10:52:30

Instrument ID: CHG.i

Lims ID: mb

Client ID:

Operator ID: ggg

ALS Bottle#:

4

Worklist Smp#: 5

Purge Vol: 200.000 mL

Dil. Factor: 1.0000

Method: TO15\_MasterMethod\_(v1)\_G

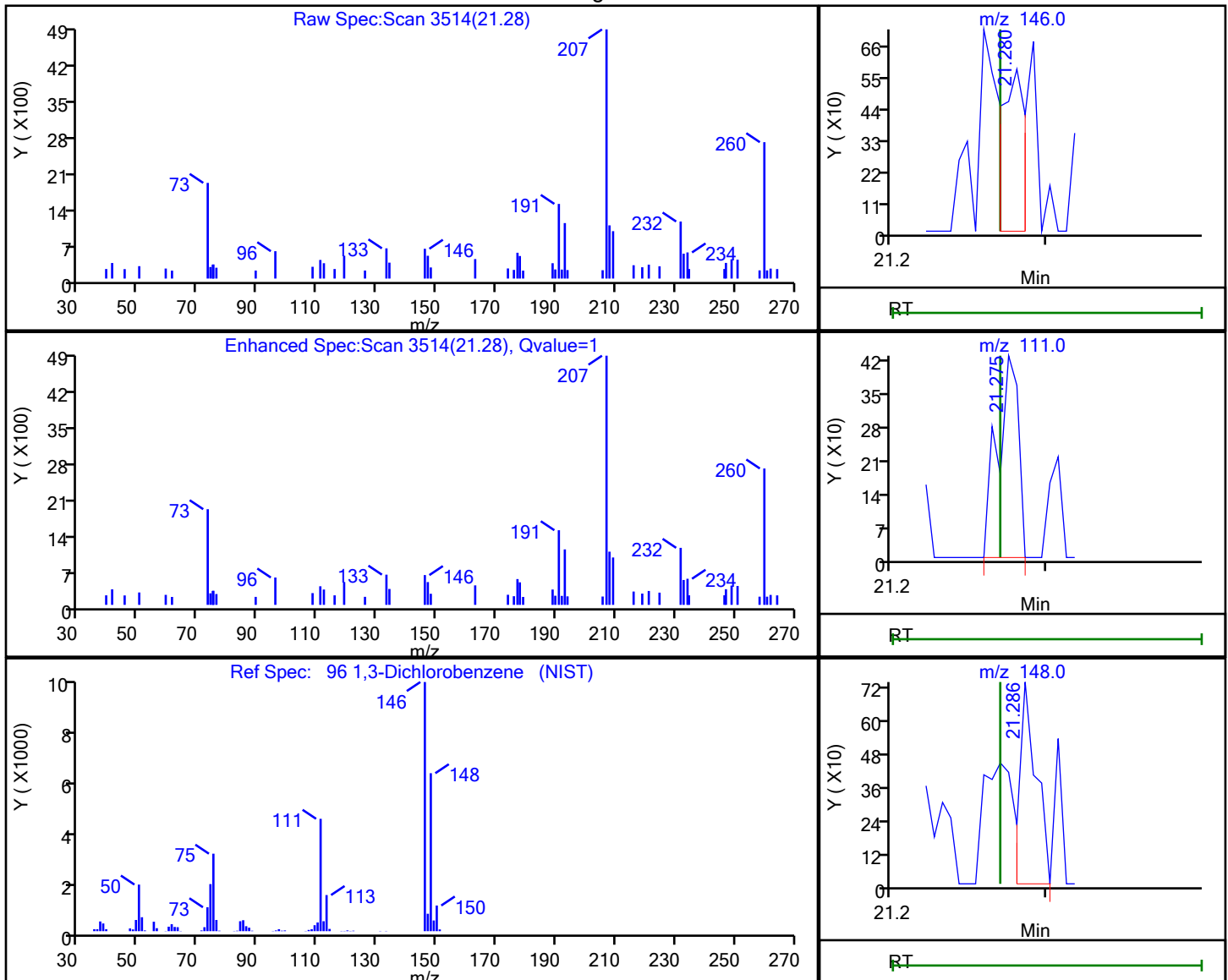
Limit Group: AI\_TO15\_ICAL

Column: RTX-624 ( 0.32 mm)

Detector: MS SCAN

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

## Processing Results



| RT    | Mass   | Response | Amount   |
|-------|--------|----------|----------|
| 21.28 | 146.00 | 607      | 0.024691 |
| 21.27 | 111.00 | 394      |          |
| 21.29 | 148.00 | 547      |          |

Reviewer: bourdeaut, 21-Dec-2020 12:19:49

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

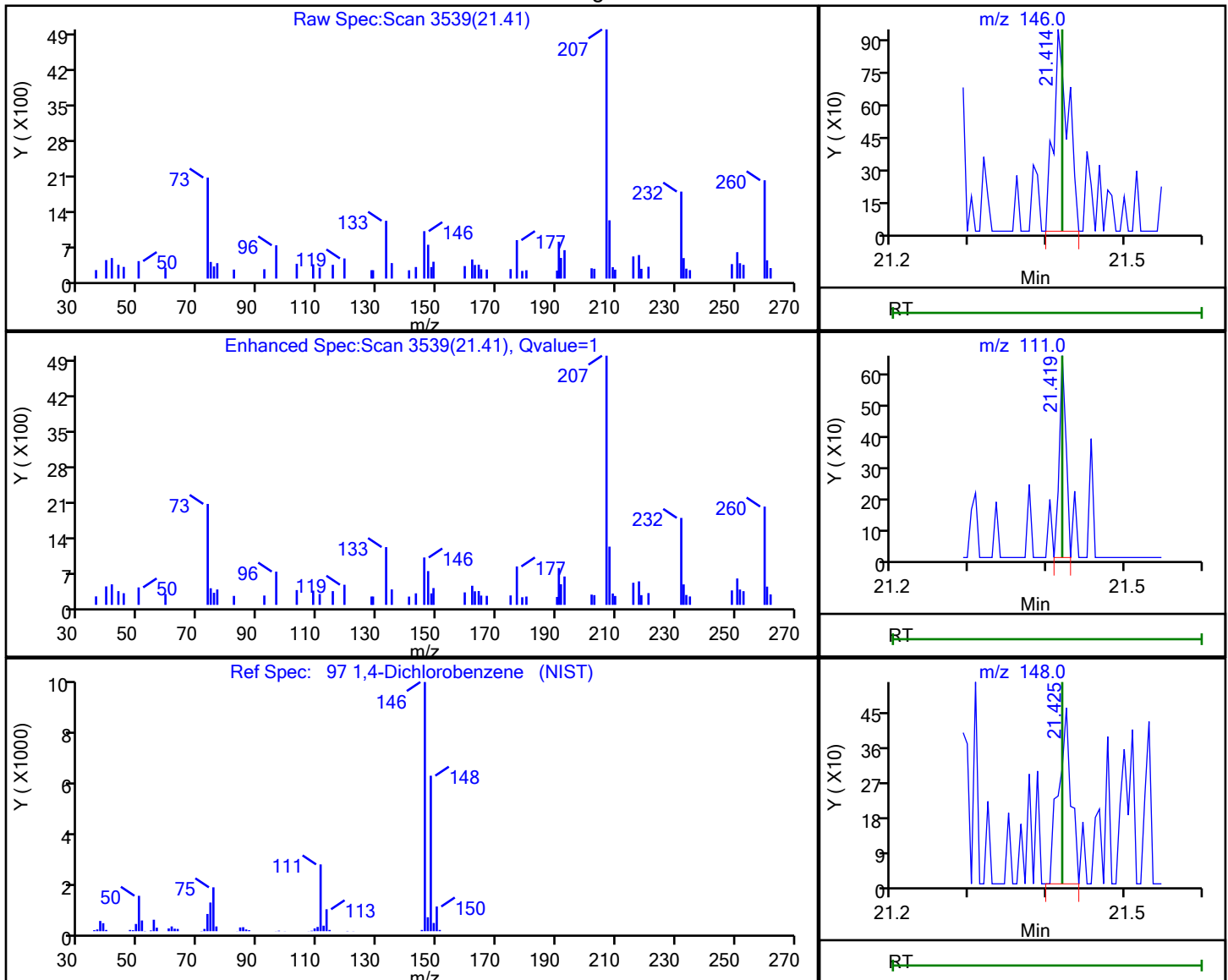


## Eurofins TestAmerica, Burlington

Data File: \\chromfs\Burlington\ChromData\CHG.i\20201221-44158.b\200-44158-005.D  
Injection Date: 21-Dec-2020 10:52:30 Instrument ID: CHG.i  
Lims ID: mb  
Client ID:  
Operator ID: ggg ALS Bottle#: 4 Worklist Smp#: 5  
Purge Vol: 200.000 mL Dil. Factor: 1.0000  
Method: TO15\_MasterMethod\_(v1)\_G Limit Group: AI\_TO15\_ICAL  
Column: RTX-624 ( 0.32 mm) Detector: MS SCAN

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

## Processing Results



| RT    | Mass   | Response | Amount   |
|-------|--------|----------|----------|
| 21.41 | 146.00 | 1232     | 0.049346 |
| 21.42 | 111.00 | 394      |          |
| 21.42 | 148.00 | 517      |          |

Reviewer: bourdeaut, 21-Dec-2020 12:19:34

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

## Eurofins TestAmerica, Burlington

Data File: \\chromfs\Burlington\ChromData\CHG.i\20201221-44158.b\200-44158-005.D

Injection Date: 21-Dec-2020 10:52:30

Instrument ID: CHG.i

Lims ID: mb

Client ID:

Operator ID: ggg

ALS Bottle#:

4

Worklist Smp#: 5

Purge Vol: 200.000 mL

Dil. Factor: 1.0000

Method: TO15\_MasterMethod\_(v1)\_G

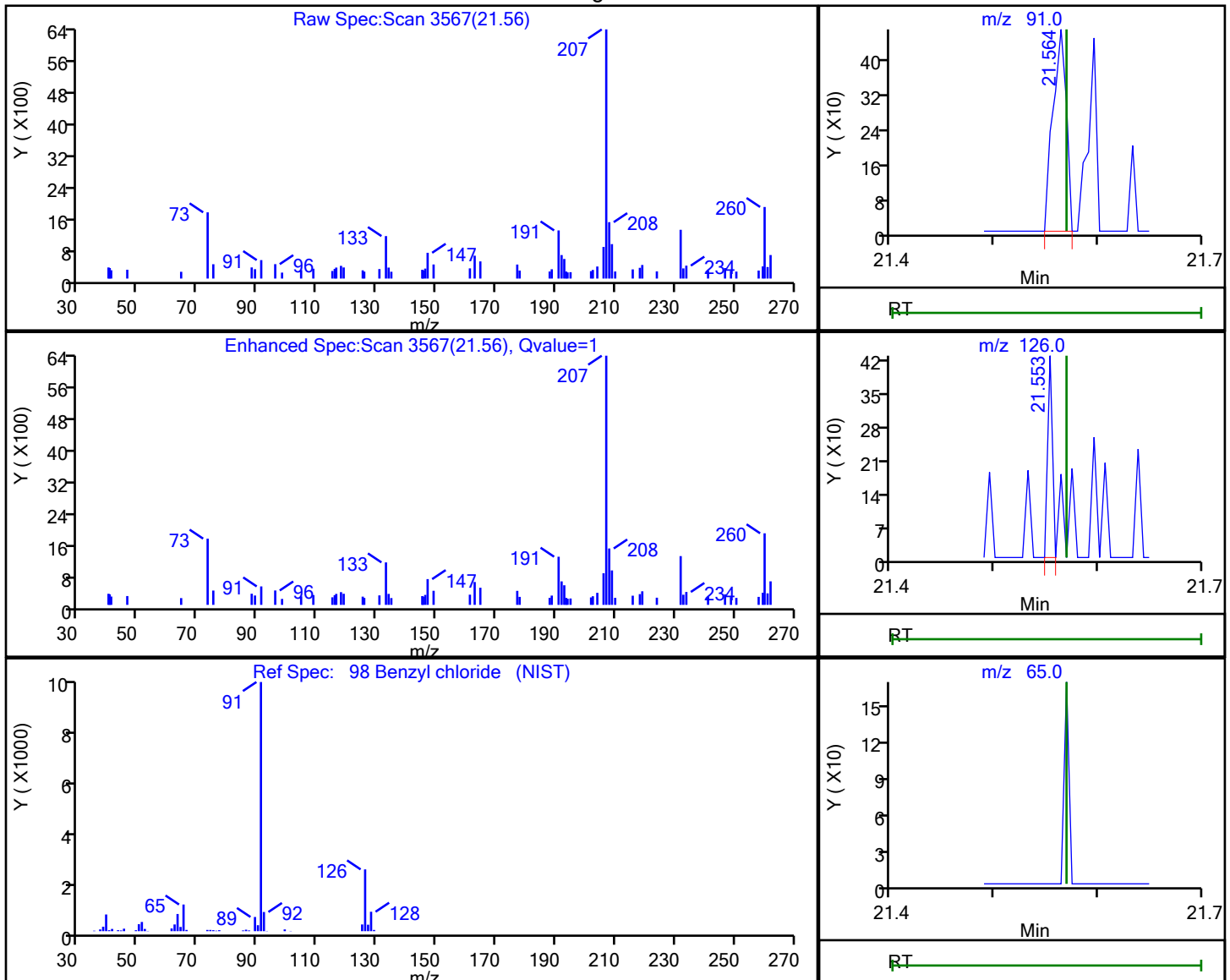
Limit Group: AI\_TO15\_ICAL

Column: RTX-624 ( 0.32 mm)

Detector: MS SCAN

## 98 Benzyl chloride, CAS: 100-44-7

## Processing Results



| RT    | Mass   | Response | Amount   |
|-------|--------|----------|----------|
| 21.56 | 91.00  | 424      | 0.017023 |
| 21.55 | 126.00 | 137      |          |
| 21.57 | 65.00  | 0        |          |

Reviewer: bourdeaut, 21-Dec-2020 12:20:14

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

## Eurofins TestAmerica, Burlington

Data File: \\chromfs\Burlington\ChromData\CHG.i\20201221-44158.b\200-44158-005.D

Injection Date: 21-Dec-2020 10:52:30

Instrument ID: CHG.i

Lims ID: mb

Client ID:

Operator ID: ggg

ALS Bottle#:

4

Worklist Smp#: 5

Purge Vol: 200.000 mL

Dil. Factor: 1.0000

Method: TO15\_MasterMethod\_(v1)\_G

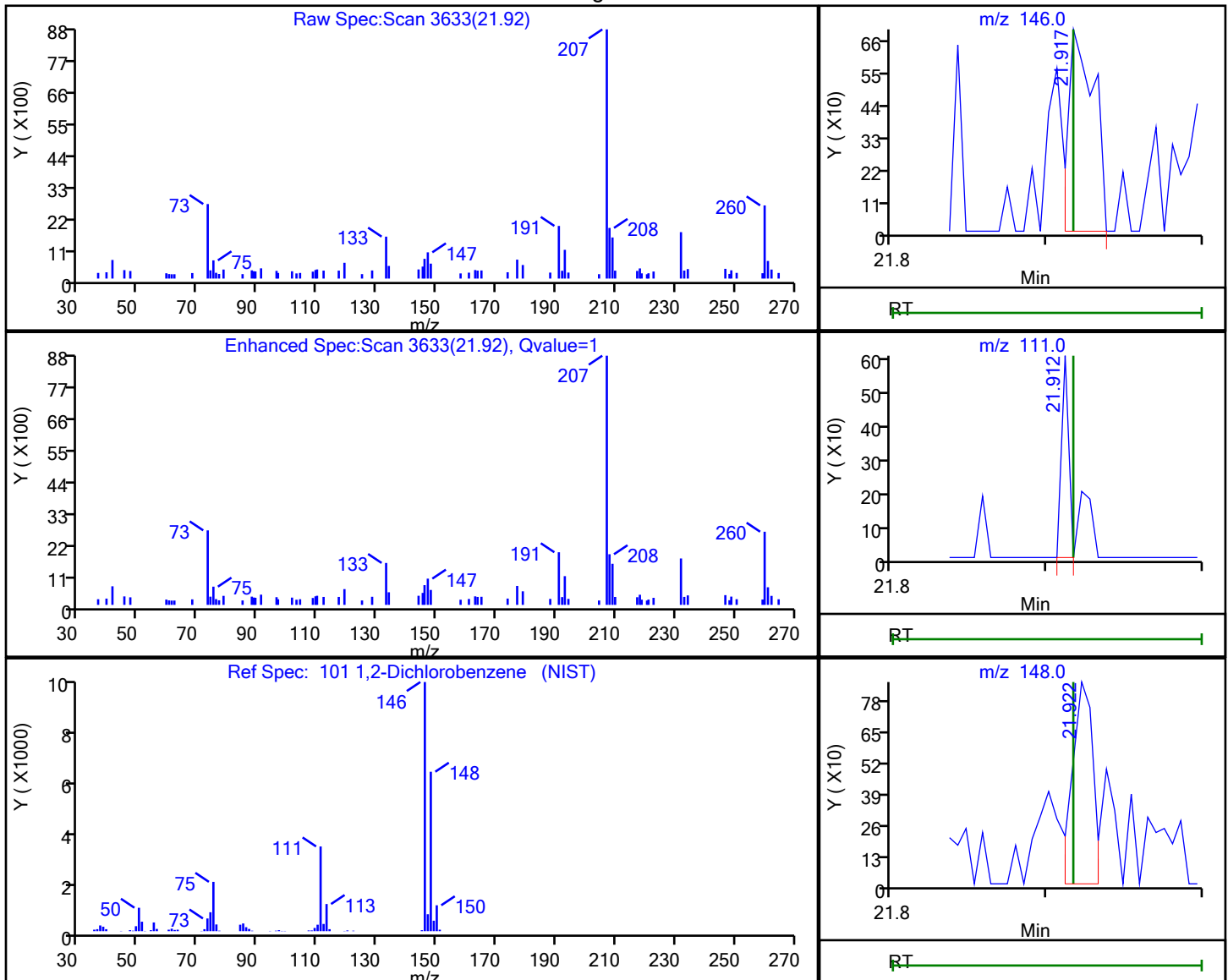
Limit Group: AI\_TO15\_ICAL

Column: RTX-624 ( 0.32 mm)

Detector: MS SCAN

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

## Processing Results



| RT    | Mass   | Response | Amount   |
|-------|--------|----------|----------|
| 21.92 | 146.00 | 805      | 0.033094 |
| 21.91 | 111.00 | 194      |          |
| 21.92 | 148.00 | 808      |          |

Reviewer: bourdeaut, 21-Dec-2020 12:19:49

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

## Eurofins TestAmerica, Burlington

Data File: \\chromfs\Burlington\ChromData\CHG.i\20201221-44158.b\200-44158-005.D

Injection Date: 21-Dec-2020 10:52:30

Instrument ID: CHG.i

Lims ID: mb

Client ID:

Operator ID: ggg

ALS Bottle#: 4

Worklist Smp#: 5

Purge Vol: 200.000 mL

Dil. Factor: 1.0000

Method: TO15\_MasterMethod\_(v1)\_G

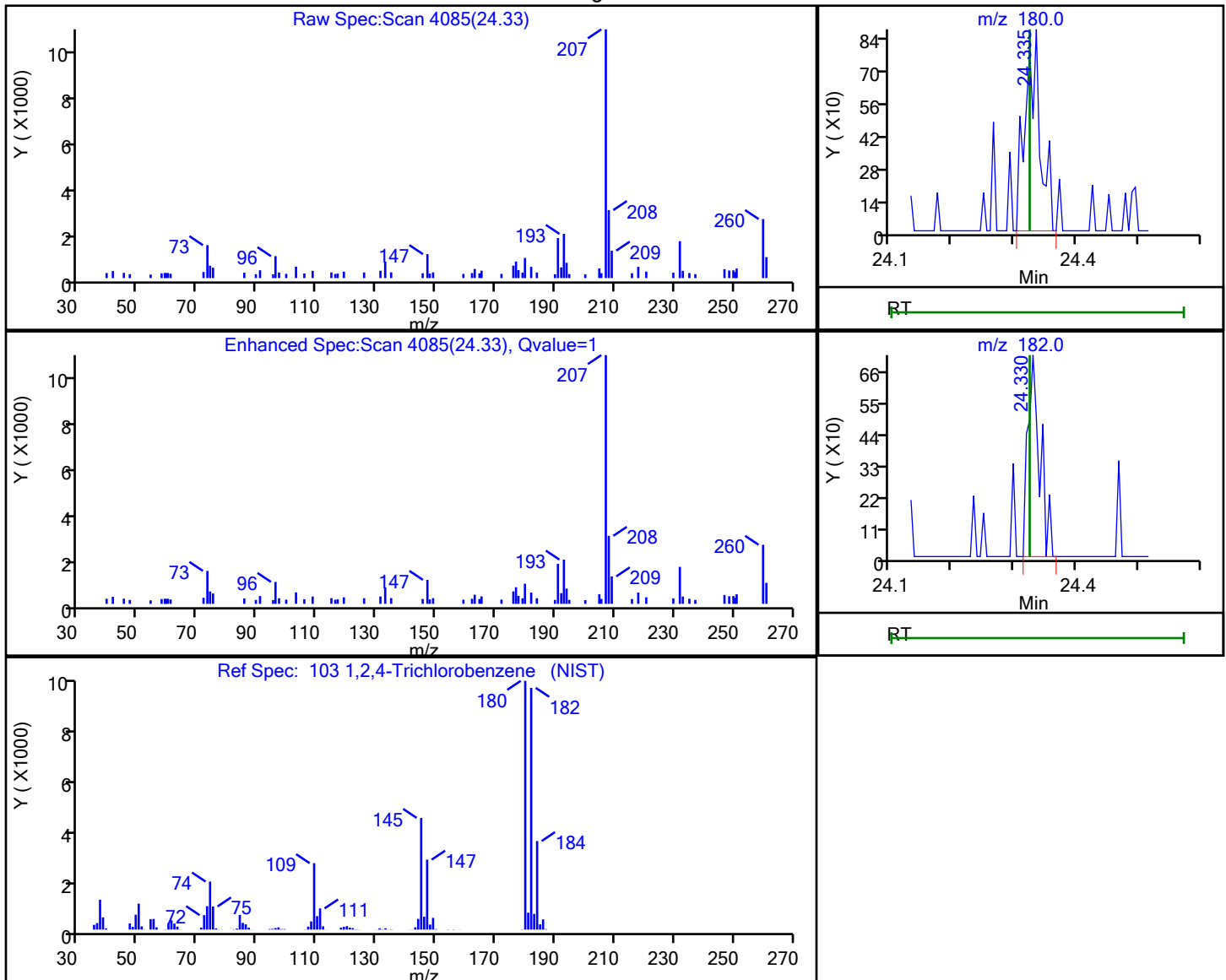
Limit Group: AI\_TO15\_ICAL

Column: RTX-624 ( 0.32 mm)

Detector: MS SCAN

## 103 1,2,4-Trichlorobenzene, CAS: 120-82-1

## Processing Results



| RT    | Mass   | Response | Amount   |
|-------|--------|----------|----------|
| 24.33 | 180.00 | 1479     | 0.080535 |
| 24.33 | 182.00 | 969      |          |

Reviewer: bourdeaut, 21-Dec-2020 12:19:34

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

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

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-56451-1  
 SDG No.: 200-56451-1  
 Client Sample ID: \_\_\_\_\_ Lab Sample ID: LCS 200-162240/3  
 Matrix: Air Lab File ID: 44134-003.d  
 Analysis Method: TO-15 Date Collected: \_\_\_\_\_  
 Sample wt/vol: 200 (mL) Date Analyzed: 12/18/2020 10:13  
 Soil Aliquot Vol: \_\_\_\_\_ Dilution Factor: 1  
 Soil Extract Vol.: \_\_\_\_\_ GC Column: RTX-624 ID: 0.32 (mm)  
 % Moisture: \_\_\_\_\_ Level: (low/med) Low  
 Analysis Batch No.: 162240 Units: ug/m3

| CAS NO.   | COMPOUND NAME                    | MOLECULAR WEIGHT | RESULT | Q | RL   | MDL  |
|-----------|----------------------------------|------------------|--------|---|------|------|
| 75-71-8   | Dichlorodifluoromethane          | 120.91           | 50.8   |   | 2.5  | 0.54 |
| 75-45-6   | Chlorodifluoromethane            | 86.47            | 36.8   |   | 1.8  | 0.42 |
| 76-14-2   | 1,2-Dichlorotetrafluoroethane    | 170.92           | 73.4   |   | 1.4  | 0.24 |
| 74-87-3   | Chloromethane                    | 50.49            | 22.8   |   | 1.0  | 0.23 |
| 106-97-8  | n-Butane                         | 58.12            | 24.6   |   | 1.2  | 0.26 |
| 75-01-4   | Vinyl chloride                   | 62.50            | 25.4   |   | 0.20 | 0.11 |
| 106-99-0  | 1,3-Butadiene                    | 54.09            | 19.9   |   | 0.44 | 0.13 |
| 74-83-9   | Bromomethane                     | 94.94            | 41.6   |   | 0.78 | 0.20 |
| 75-00-3   | Chloroethane                     | 64.52            | 28.3   |   | 1.3  | 0.14 |
| 593-60-2  | Bromoethene (Vinyl Bromide)      | 106.96           | 47.2   |   | 0.87 | 0.23 |
| 75-69-4   | Trichlorofluoromethane           | 137.37           | 56.4   |   | 1.1  | 0.34 |
| 76-13-1   | 1,1,2-Trichlorotrifluoroethane   | 187.38           | 78.1   |   | 1.5  | 0.29 |
| 75-35-4   | 1,1-Dichloroethene               | 96.94            | 38.7   |   | 0.20 | 0.15 |
| 67-64-1   | Acetone                          | 58.08            | 23.9   |   | 12   | 2.9  |
| 67-63-0   | Isopropyl alcohol                | 60.10            | 27.0   |   | 12   | 1.2  |
| 75-15-0   | Carbon disulfide                 | 76.14            | 31.4   |   | 1.6  | 0.23 |
| 107-05-1  | 3-Chloropropene                  | 76.53            | 24.3   |   | 1.6  | 0.20 |
| 75-09-2   | Methylene Chloride               | 84.93            | 33.7   |   | 1.7  | 0.94 |
| 75-65-0   | tert-Butyl alcohol               | 74.12            | 34.7   |   | 15   | 0.12 |
| 1634-04-4 | Methyl tert-butyl ether          | 88.15            | 37.9   |   | 0.72 | 0.12 |
| 156-60-5  | trans-1,2-Dichloroethene         | 96.94            | 39.6   |   | 0.79 | 0.17 |
| 110-54-3  | n-Hexane                         | 86.17            | 38.3   |   | 0.70 | 0.70 |
| 75-34-3   | 1,1-Dichloroethane               | 98.96            | 37.4   |   | 0.81 | 0.17 |
| 78-93-3   | Methyl Ethyl Ketone (2-Butanone) | 72.11            | 30.4   |   | 1.5  | 0.21 |
| 156-59-2  | cis-1,2-Dichloroethene           | 96.94            | 37.6   |   | 0.20 | 0.18 |
| 67-66-3   | Chloroform                       | 119.38           | 45.9   |   | 0.98 | 0.16 |
| 109-99-9  | Tetrahydrofuran                  | 72.11            | 28.2   |   | 15   | 0.19 |
| 71-55-6   | 1,1,1-Trichloroethane            | 133.41           | 50.3   |   | 1.1  | 0.20 |
| 110-82-7  | Cyclohexane                      | 84.16            | 34.9   |   | 0.69 | 0.16 |
| 56-23-5   | Carbon tetrachloride             | 153.81           | 57.0   |   | 0.22 | 0.15 |
| 540-84-1  | 2,2,4-Trimethylpentane           | 114.23           | 49.5   |   | 0.93 | 0.19 |
| 71-43-2   | Benzene                          | 78.11            | 31.3   |   | 0.64 | 0.21 |
| 107-06-2  | 1,2-Dichloroethane               | 98.96            | 37.1   |   | 0.81 | 0.13 |

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

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-56451-1  
SDG No.: 200-56451-1  
Client Sample ID: \_\_\_\_\_ Lab Sample ID: LCS 200-162240/3  
Matrix: Air Lab File ID: 44134-003.d  
Analysis Method: TO-15 Date Collected: \_\_\_\_\_  
Sample wt/vol: 200 (mL) Date Analyzed: 12/18/2020 10:13  
Soil Aliquot Vol: \_\_\_\_\_ Dilution Factor: 1  
Soil Extract Vol.: \_\_\_\_\_ GC Column: RTX-624 ID: 0.32 (mm)  
% Moisture: \_\_\_\_\_ Level: (low/med) Low  
Analysis Batch No.: 162240 Units: ug/m3

| CAS NO.     | COMPOUND NAME                                    | MOLECULAR WEIGHT | RESULT | Q | RL   | MDL  |
|-------------|--------------------------------------------------|------------------|--------|---|------|------|
| 142-82-5    | n-Heptane                                        | 100.21           | 42.1   |   | 0.82 | 0.23 |
| 79-01-6     | Trichloroethene                                  | 131.39           | 50.0   |   | 0.20 | 0.19 |
| 80-62-6     | Methyl methacrylate                              | 100.12           | 43.8   |   | 2.0  | 0.14 |
| 78-87-5     | 1,2-Dichloropropane                              | 112.99           | 45.9   |   | 0.92 | 0.15 |
| 123-91-1    | 1,4-Dioxane                                      | 88.11            | 40.2   |   | 18   | 0.30 |
| 75-27-4     | Bromodichloromethane                             | 163.83           | 67.2   |   | 1.3  | 0.23 |
| 10061-01-5  | cis-1,3-Dichloropropene                          | 110.97           | 48.5   |   | 0.91 | 0.15 |
| 108-10-1    | 4-Methyl-2-pentanone<br>(Methyl isobutyl ketone) | 100.16           | 42.1   |   | 2.0  | 0.15 |
| 108-88-3    | Toluene                                          | 92.14            | 38.6   |   | 0.75 | 0.41 |
| 10061-02-6  | trans-1,3-Dichloropropene                        | 110.97           | 44.8   |   | 0.91 | 0.18 |
| 79-00-5     | 1,1,2-Trichloroethane                            | 133.41           | 54.4   |   | 1.1  | 0.20 |
| 127-18-4    | Tetrachloroethene                                | 165.83           | 64.5   |   | 1.4  | 0.22 |
| 591-78-6    | Methyl Butyl Ketone<br>(2-Hexanone)              | 100.20           | 40.8   |   | 2.0  | 0.20 |
| 124-48-1    | Dibromochloromethane                             | 208.28           | 81.5   |   | 1.7  | 0.31 |
| 106-93-4    | 1,2-Dibromoethane                                | 187.87           | 78.2   |   | 1.5  | 0.38 |
| 108-90-7    | Chlorobenzene                                    | 112.56           | 45.4   |   | 0.92 | 0.26 |
| 100-41-4    | Ethylbenzene                                     | 106.17           | 43.6   |   | 0.87 | 0.27 |
| 179601-23-1 | m,p-Xylene                                       | 106.17           | 88.2   |   | 2.2  | 0.43 |
| 95-47-6     | o-Xylene                                         | 106.17           | 44.6   |   | 0.87 | 0.21 |
| 100-42-5    | Styrene                                          | 104.15           | 46.2   |   | 0.85 | 0.17 |
| 75-25-2     | Bromoform                                        | 252.75           | 115    |   | 2.1  | 0.50 |
| 98-82-8     | Cumene                                           | 120.19           | 51.2   |   | 0.98 | 0.17 |
| 79-34-5     | 1,1,2,2-Tetrachloroethane                        | 167.85           | 69.2   |   | 1.4  | 0.29 |
| 103-65-1    | n-Propylbenzene                                  | 120.19           | 51.1   |   | 0.98 | 0.19 |
| 622-96-8    | 4-Ethyltoluene                                   | 120.20           | 51.0   |   | 0.98 | 0.20 |
| 108-67-8    | 1,3,5-Trimethylbenzene                           | 120.20           | 50.0   |   | 0.98 | 0.19 |
| 95-49-8     | 2-Chlorotoluene                                  | 126.59           | 53.1   |   | 1.0  | 0.22 |
| 98-06-6     | tert-Butylbenzene                                | 134.22           | 55.0   |   | 1.1  | 0.19 |
| 95-63-6     | 1,2,4-Trimethylbenzene                           | 120.20           | 50.6   |   | 0.98 | 0.22 |
| 135-98-8    | sec-Butylbenzene                                 | 134.22           | 56.5   |   | 1.1  | 0.19 |
| 99-87-6     | 4-Isopropyltoluene                               | 134.22           | 55.8   |   | 1.1  | 0.21 |
| 541-73-1    | 1,3-Dichlorobenzene                              | 147.00           | 64.2   |   | 1.2  | 0.66 |
| 106-46-7    | 1,4-Dichlorobenzene                              | 147.00           | 66.1   |   | 1.2  | 0.72 |

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

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-56451-1  
 SDG No.: 200-56451-1  
 Client Sample ID: \_\_\_\_\_ Lab Sample ID: LCS 200-162240/3  
 Matrix: Air Lab File ID: 44134-003.d  
 Analysis Method: TO-15 Date Collected: \_\_\_\_\_  
 Sample wt/vol: 200 (mL) Date Analyzed: 12/18/2020 10:13  
 Soil Aliquot Vol: \_\_\_\_\_ Dilution Factor: 1  
 Soil Extract Vol.: \_\_\_\_\_ GC Column: RTX-624 ID: 0.32 (mm)  
 % Moisture: \_\_\_\_\_ Level: (low/med) Low  
 Analysis Batch No.: 162240 Units: ug/m3

| CAS NO.  | COMPOUND NAME          | MOLECULAR WEIGHT | RESULT | Q | RL  | MDL  |
|----------|------------------------|------------------|--------|---|-----|------|
| 100-44-7 | Benzyl chloride        | 126.58           | 57.8   |   | 1.0 | 0.44 |
| 104-51-8 | n-Butylbenzene         | 134.22           | 58.3   |   | 1.1 | 0.21 |
| 95-50-1  | 1,2-Dichlorobenzene    | 147.00           | 61.9   |   | 1.2 | 0.58 |
| 120-82-1 | 1,2,4-Trichlorobenzene | 181.45           | 84.4   |   | 3.7 | 1.6  |
| 87-68-3  | Hexachlorobutadiene    | 260.76           | 102    |   | 2.1 | 0.81 |
| 91-20-3  | Naphthalene            | 128.17           | 61.3   |   | 2.6 | 0.89 |

Eurofins TestAmerica, Burlington  
Target Compound Quantitation Report

Data File: \\chromfs\Burlington\ChromData\CHW.i\20201218-44134.b\44134-003.d  
 Lims ID: lcs  
 Client ID:  
 Sample Type: LCS  
 Inject. Date: 18-Dec-2020 10:13:30 ALS Bottle#: 2 Worklist Smp#: 3  
 Purge Vol: 200.000 mL Dil. Factor: 1.0000  
 Sample Info: 200-0044134-003  
 Operator ID: ggg Instrument ID: CHW.i  
 Method: \\chromfs\Burlington\ChromData\CHW.i\20201218-44134.b\TO15\_TO3\_MasterMethod\_W.m  
 Limit Group: AI\_TO15\_ICAL  
 Last Update: 21-Dec-2020 09:31:19 Calib Date: 11-Dec-2020 05:25:30  
 Integrator: RTE ID Type: Deconvolution ID  
 Quant Method: Internal Standard Quant By: Initial Calibration  
 Last ICal File: \\chromfs\Burlington\ChromData\CHW.i\20201210-44014.b\44014-016.d  
 Column 1 : RTX-624 ( 0.32 mm) Det: MS SCAN  
 Process Host: CTX1612

First Level Reviewer: bunmaa

Date: 21-Dec-2020 09:32:09

| 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  | 3.987     | 3.966         | 0.021         | 98  | 1677913  | 10.1            | 10.4              |       |
| 2 Dichlorodifluoromethane          | 85  | 4.089     | 4.073         | 0.016         | 99  | 4714800  | 10.6            | 10.3              |       |
| 3 Chlorodifluoromethane            | 51  | 4.137     | 4.116         | 0.021         | 97  | 2968399  | 10.6            | 10.4              |       |
| 4 1,2-Dichloro-1,1,2,2-tetrafluoro | 85  | 4.484     | 4.469         | 0.015         | 95  | 4934215  | 10.6            | 10.5              |       |
| 5 Chloromethane                    | 50  | 4.581     | 4.560         | 0.021         | 99  | 1804133  | 9.94            | 11.0              |       |
| 6 Vinyl chloride                   | 62  | 4.912     | 4.897         | 0.015         | 98  | 1992608  | 9.99            | 9.93              |       |
| 7 Butane                           | 43  | 4.923     | 4.913         | 0.010         | 98  | 3032667  | 10.3            | 10.3              |       |
| 8 Butadiene                        | 54  | 5.041     | 5.025         | 0.016         | 97  | 1446814  | 9.70            | 9.00              |       |
| 9 Bromomethane                     | 94  | 5.774     | 5.758         | 0.016         | 99  | 1546503  | 10.4            | 10.7              |       |
| 10 BFB                             |     |           |               |               |     |          |                 |                   |       |
| 11 Chloroethane                    | 64  | 6.063     | 6.047         | 0.016         | 99  | 907694   | 10.6            | 10.7              |       |
| 12 2-Methylbutane                  | 43  | 6.287     | 6.271         | 0.016         | 93  | 1940512  | 10.4            | 10.8              |       |
| 13 Vinyl bromide                   | 106 | 6.496     | 6.485         | 0.011         | 99  | 1501657  | 10.0            | 10.8              |       |
| 14 Trichlorofluoromethane          | 101 | 6.667     | 6.657         | 0.010         | 99  | 3783416  | 10.4            | 10.0              |       |
| 15 Pentane                         | 43  | 6.886     | 6.876         | 0.010         | 97  | 2700501  | 10.2            | 10.5              |       |
| 16 Ethanol                         | 45  | 7.111     | 7.101         | 0.010         | 99  | 1297057  | 15.0            | 19.6              |       |
| 18 Ethyl ether                     | 59  | 7.320     | 7.309         | 0.011         | 95  | 999505   | 10.2            | 10.3              |       |
| 19 Acrolein                        | 56  | 7.577     | 7.566         | 0.011         | 95  | 580583   | 9.71            | 11.3              |       |
| 20 1,1-Dichloroethene              | 96  | 7.758     | 7.753         | 0.005         | 97  | 1425369  | 10.2            | 9.77              |       |
| 21 112TCTFE                        | 101 | 7.812     | 7.801         | 0.011         | 97  | 2951338  | 10.7            | 10.2              |       |
| 22 Acetone                         | 43  | 7.860     | 7.855         | 0.005         | 98  | 2018817  | 10.4            | 10.1              |       |
| 24 Carbon disulfide                | 76  | 8.170     | 8.165         | 0.005         | 100 | 4022955  | 10.4            | 10.1              |       |
| 23 Isopropyl alcohol               | 45  | 8.181     | 8.171         | 0.010         | 100 | 2432997  | 10.2            | 11.0              |       |
| 25 Acetonitrile                    | 41  | 8.379     | 8.369         | 0.010         | 99  | 818357   | 9.72            | 10.3              |       |
| 26 3-Chloro-1-propene              | 41  | 8.481     | 8.470         | 0.011         | 98  | 1330691  | 10.7            | 7.76              |       |
| 27 Methylene Chloride              | 49  | 8.716     | 8.706         | 0.010         | 94  | 1533846  | 10.2            | 9.71              |       |
| 28 2-Methyl-2-propanol             | 59  | 8.946     | 8.941         | 0.005         | 95  | 2895135  | 10.8            | 11.4              |       |
| 29 Acrylonitrile                   | 53  | 9.139     | 9.128         | 0.011         | 95  | 824144   | 10.2            | 11.3              |       |
| 30 trans-1,2-Dichloroethene        | 61  | 9.224     | 9.219         | 0.005         | 98  | 1960382  | 10.3            | 9.98              |       |
| 31 Methyl tert-butyl ether         | 73  | 9.235     | 9.230         | 0.005         | 97  | 3817335  | 10.6            | 10.5              |       |
| 32 Hexane                          | 57  | 9.738     | 9.733         | 0.005         | 93  | 2038311  | 10.5            | 10.9              |       |
| 33 1,1-Dichloroethane              | 63  | 10.000    | 9.995         | 0.005         | 100 | 2398213  | 10.3            | 9.25              |       |



| 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  | 10.021    | 10.016         | 0.005         | 100 | 3257245   | 10.1            | 11.6              |       |
| S 35 1,2-Dichloroethene, Total | 61  |           |                |               | 0   |           | 20.0            | 19.5              |       |
| 36 2-Butanone (MEK)            | 72  | 10.990    | 10.985         | 0.005         | 100 | 625495    | 10.4            | 10.3              |       |
| 37 cis-1,2-Dichloroethene      | 96  | 11.011    | 11.001         | 0.010         | 94  | 1397214   | 10.4            | 9.47              |       |
| 38 Ethyl acetate               | 88  | 11.081    | 11.075         | 0.006         | 100 | 119111    | 10.2            | 10.2              |       |
| * 39 Chlorobromomethane        | 128 | 11.423    | 11.423         | 0.000         | 88  | 977560    | 10.0            | 10.0              |       |
| 40 Tetrahydrofuran             | 42  | 11.471    | 11.466         | 0.005         | 90  | 1343990   | 9.81            | 9.57              |       |
| 41 Chloroform                  | 83  | 11.605    | 11.600         | 0.005         | 96  | 2828528   | 10.3            | 9.40              |       |
| 42 1,1,1-Trichloroethane       | 97  | 11.910    | 11.910         | 0.000         | 96  | 3002686   | 10.3            | 9.22              |       |
| 43 Cyclohexane                 | 84  | 12.044    | 12.044         | 0.000         | 97  | 1823748   | 10.2            | 10.1              |       |
| 44 Carbon tetrachloride        | 117 | 12.193    | 12.188         | 0.005         | 98  | 3194277   | 10.0            | 9.06              |       |
| 45 Benzene                     | 78  | 12.541    | 12.541         | 0.000         | 96  | 4096907   | 10.4            | 9.80              |       |
| 46 1,2-Dichloroethane          | 62  | 12.621    | 12.616         | 0.005         | 98  | 1842455   | 10.5            | 9.17              |       |
| 47 Isooctane                   | 57  | 12.760    | 12.755         | 0.005         | 99  | 6394372   | 10.1            | 10.6              |       |
| 48 n-Heptane                   | 43  | 13.071    | 13.071         | 0.000         | 92  | 2312280   | 10.3            | 10.3              |       |
| * 50 1,4-Difluorobenzene       | 114 | 13.290    | 13.285         | 0.005         | 94  | 4767975   | 10.0            | 10.0              |       |
| 53 n-Butanol                   | 56  | 13.515    | 13.510         | 0.005         | 89  | 814405    | 9.11            | 9.72              |       |
| 51 Trichloroethene             | 95  | 13.723    | 13.718         | 0.005         | 98  | 1841633   | 10.3            | 9.30              |       |
| A 52 GRO                       | 1   | 14.045    | (6.261-21.828) |               | 0   | 625142544 | 649.9           | 0                 |       |
| 54 1,2-Dichloropropane         | 63  | 14.183    | 14.178         | 0.005         | 89  | 1571477   | 10.3            | 9.93              |       |
| 55 Methyl methacrylate         | 69  | 14.269    | 14.269         | 0.000         | 96  | 1503816   | 10.2            | 10.7              |       |
| 56 1,4-Dioxane                 | 88  | 14.306    | 14.307         | -0.001        | 93  | 969978    | 10.3            | 11.2              |       |
| 57 Dibromomethane              | 174 | 14.339    | 14.339         | 0.000         | 93  | 2004938   | 10.3            | 9.37              |       |
| 58 Dichlorobromomethane        | 83  | 14.654    | 14.649         | 0.005         | 98  | 3252081   | 10.3            | 10.0              |       |
| A 59 TVOC as Toluene           | 1   | 15.345    | (3.956-26.733) |               | 0   | 984618345 | 899.8           | 0                 |       |
| 60 cis-1,3-Dichloropropene     | 75  | 15.457    | 15.457         | 0.000         | 93  | 2719094   | 9.94            | 10.7              |       |
| 61 4-Methyl-2-pentanone (MIBK) | 43  | 15.713    | 15.714         | -0.001        | 97  | 3182377   | 10.2            | 10.3              |       |
| 62 Toluene                     | 92  | 16.104    | 16.099         | 0.005         | 94  | 3168593   | 10.2            | 10.2              |       |
| 63 n-Octane                    | 43  | 16.350    | 16.350         | 0.000         | 91  | 3473072   | 10.3            | 10.7              |       |
| 64 trans-1,3-Dichloropropene   | 75  | 16.521    | 16.516         | 0.005         | 98  | 2366269   | 9.85            | 9.86              |       |
| 65 1,1,2-Trichloroethane       | 83  | 16.896    | 16.896         | 0.000         | 97  | 1562837   | 10.5            | 9.97              |       |
| 66 Tetrachloroethene           | 166 | 17.094    | 17.089         | 0.005         | 97  | 3007246   | 10.5            | 9.51              |       |
| 67 2-Hexanone                  | 43  | 17.297    | 17.297         | 0.000         | 95  | 2849239   | 10.1            | 9.96              |       |
| 68 Chlorodibromomethane        | 129 | 17.634    | 17.634         | 0.000         | 98  | 3540994   | 10.6            | 9.57              |       |
| 69 Ethylene Dibromide          | 107 | 17.875    | 17.875         | 0.000         | 99  | 2781848   | 10.7            | 10.2              |       |
| * 70 Chlorobenzene-d5          | 117 | 18.790    | 18.790         | 0.000         | 86  | 4286264   | 10.0            | 10.0              |       |
| 71 Chlorobenzene               | 112 | 18.848    | 18.849         | -0.001        | 95  | 4347698   | 10.5            | 9.86              |       |
| 73 Ethylbenzene                | 91  | 19.041    | 19.041         | 0.000         | 98  | 6953188   | 10.2            | 10.0              |       |
| 74 m-Xylene & p-Xylene         | 106 | 19.303    | 19.303         | 0.000         | 0   | 5445079   | 20.0            | 20.3              |       |
| 75 n-Nonane                    | 57  | 19.367    | 19.368         | -0.001        | 89  | 3280447   | 10.5            | 10.6              |       |
| 76 o-Xylene                    | 106 | 20.079    | 20.079         | 0.000         | 99  | 2602590   | 10.4            | 10.3              |       |
| S 77 Xylenes, Total            | 106 |           |                |               | 0   |           | 30.0            | 30.6              |       |
| 78 Styrene                     | 104 | 20.116    | 20.116         | 0.000         | 99  | 4184772   | 10.3            | 10.9              |       |
| 79 Bromoform                   | 173 | 20.464    | 20.464         | 0.000         | 98  | 3585545   | 10.3            | 11.1              |       |
| 80 Isopropylbenzene            | 105 | 20.780    | 20.774         | 0.006         | 96  | 7764546   | 10.5            | 10.4              |       |
| 81 1,1,2,2-Tetrachloroethane   | 83  | 21.293    | 21.293         | 0.000         | 99  | 3993121   | 10.3            | 10.1              |       |
| 82 1,2,3-Trichloropropane      | 75  | 21.395    | 21.395         | 0.000         | 98  | 3119646   | 10.6            | 9.86              |       |
| 83 N-Propylbenzene             | 91  | 21.496    | 21.491         | 0.005         | 99  | 9142906   | 10.4            | 10.4              |       |
| 84 2-Chlorotoluene             | 91  | 21.641    | 21.641         | 0.000         | 97  | 5728391   | 10.4            | 10.3              |       |
| 85 4-Ethyltoluene              | 105 | 21.694    | 21.689         | 0.005         | 99  | 7554587   | 10.2            | 10.4              |       |
| 86 1,3,5-Trimethylbenzene      | 105 | 21.785    | 21.786         | -0.001        | 94  | 6317386   | 10.5            | 10.2              |       |
| 87 n-Decane                    | 57  | 21.817    | 21.818         | -0.001        | 92  | 4126437   | 10.3            | 10.8              |       |

| Compound                   | Sig | RT<br>(min.) | Adj RT<br>(min.) | Dlt RT<br>(min.) | Q  | Response | Cal Amt<br>ppb v/v | OnCol Amt<br>ppb v/v | Flags |
|----------------------------|-----|--------------|------------------|------------------|----|----------|--------------------|----------------------|-------|
| 88 Alpha Methyl Styrene    | 118 | 22.112       | 22.112           | 0.000            | 89 | 3248739  | 10.2               | 10.5                 |       |
| 89 tert-Butylbenzene       | 119 | 22.267       | 22.267           | 0.000            | 94 | 6376245  | 10.4               | 10.0                 |       |
| 90 1,2,4-Trimethylbenzene  | 105 | 22.358       | 22.353           | 0.005            | 97 | 6379188  | 10.4               | 10.3                 |       |
| 91 sec-Butylbenzene        | 105 | 22.593       | 22.593           | 0.000            | 99 | 9479990  | 10.5               | 10.3                 |       |
| 92 1,3-Dichlorobenzene     | 146 | 22.764       | 22.765           | -0.001           | 97 | 4201165  | 10.2               | 10.7                 |       |
| 93 4-Isopropyltoluene      | 119 | 22.807       | 22.807           | 0.000            | 97 | 8015151  | 10.5               | 10.2                 |       |
| 94 1,4-Dichlorobenzene     | 146 | 22.909       | 22.909           | 0.000            | 96 | 3946512  | 10.4               | 11.0                 |       |
| 95 Benzyl chloride         | 91  | 23.053       | 23.053           | 0.000            | 99 | 4563200  | 10.2               | 11.2                 |       |
| 96 n-Butylbenzene          | 91  | 23.364       | 23.364           | 0.000            | 99 | 7260835  | 10.5               | 10.6                 |       |
| 97 1,2-Dichlorobenzene     | 146 | 23.396       | 23.396           | 0.000            | 97 | 4244201  | 10.8               | 10.3                 |       |
| 98 Undecane                | 57  | 23.513       | 23.514           | -0.001           | 95 | 4489829  | 10.7               | 11.0                 |       |
| 99 Dodecane                | 57  | 25.091       | 25.092           | -0.001           | 97 | 4063957  | 10.6               | 9.44                 |       |
| 100 1,2,4-Trichlorobenzene | 180 | 25.830       | 25.835           | -0.005           | 94 | 2691591  | 11.0               | 11.4                 |       |
| 101 Hexachlorobutadiene    | 225 | 26.076       | 26.076           | 0.000            | 97 | 4019592  | 10.8               | 9.61                 |       |
| 102 Naphthalene            | 128 | 26.311       | 26.311           | 0.000            | 99 | 5755067  | 10.5               | 11.7                 |       |
| 103 1,2,3-Trichlorobenzene | 180 | 26.723       | 26.723           | 0.000            | 92 | 2623915  | 10.9               | 10.0                 |       |

**QC Flag Legend**

Processing Flags

**Reagents:**

ATTO15LCSW\_00817

Amount Added: 200.00

Units: mL

ATTO15WISs\_00009

Amount Added: 20.00

Units: mL

Run Reagent

Report Date: 21-Dec-2020 09:32:09

Chrom Revision: 2.3 09-Dec-2020 16:22:14

Eurofins TestAmerica, Burlington

Data File: \\chromfs\Burlington\ChromData\CHW.i\20201218-44134.b\44134-003.d

Injection Date: 18-Dec-2020 10:13:30

Instrument ID: CHW.i

Operator ID: ggg

Lims ID: lcs

Worklist Smp#: 3

Client ID:

Purge Vol: 200.000 mL

Dil. Factor: 1.0000

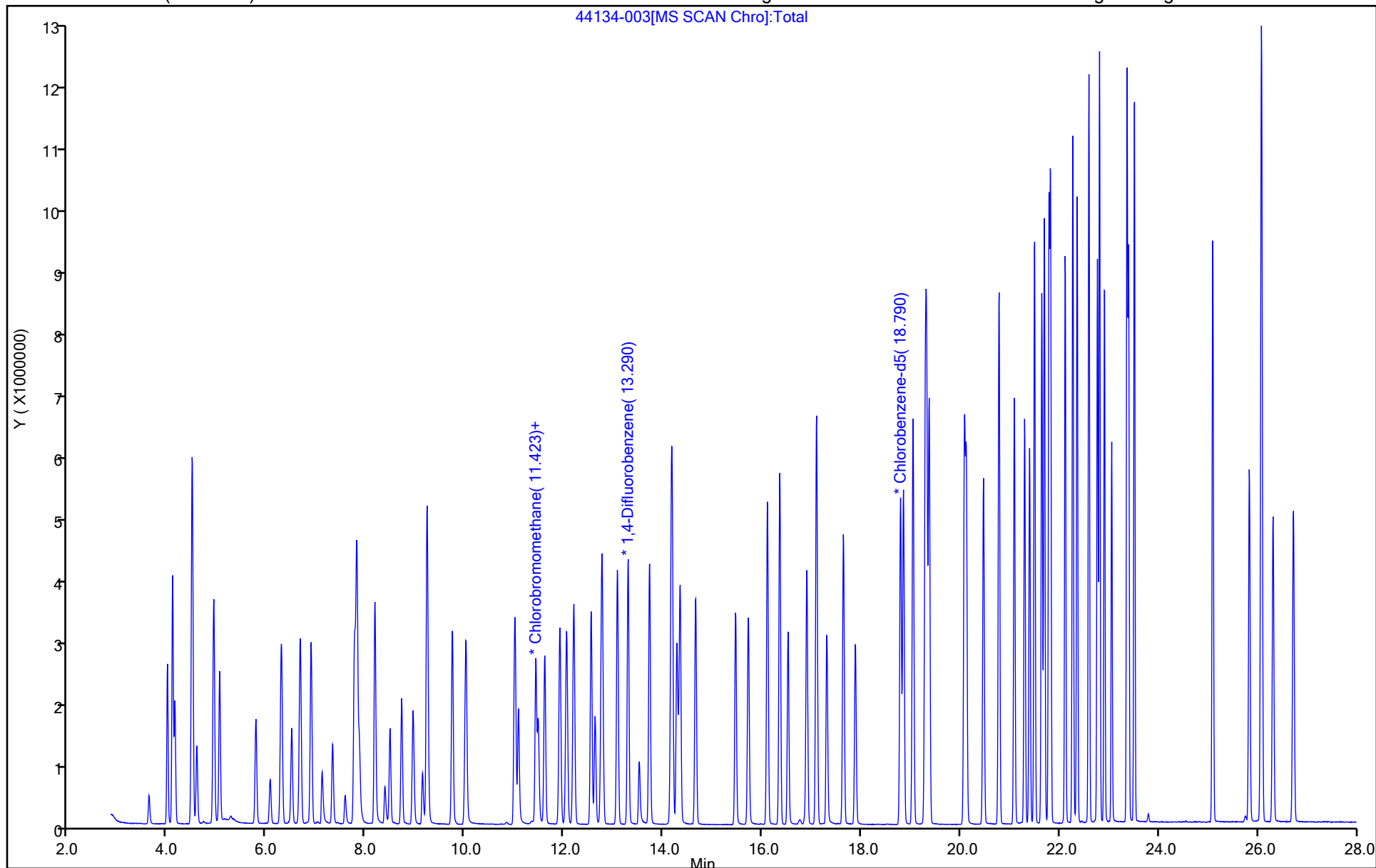
ALS Bottle#: 2

Method: TO15\_TO3\_MasterMethod\_W

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 TestAmerica, Burlington Job No.: 200-56451-1  
 SDG No.: 200-56451-1  
 Client Sample ID: \_\_\_\_\_ Lab Sample ID: LCS 200-162248/5  
 Matrix: Air Lab File ID: 44136-05.D  
 Analysis Method: TO-15 Date Collected: \_\_\_\_\_  
 Sample wt/vol: 200 (mL) Date Analyzed: 12/18/2020 14:40  
 Soil Aliquot Vol: \_\_\_\_\_ Dilution Factor: 1  
 Soil Extract Vol.: \_\_\_\_\_ GC Column: RTX-624 ID: 0.32 (mm)  
 % Moisture: \_\_\_\_\_ Level: (low/med) Low  
 Analysis Batch No.: 162248 Units: ug/m3

| CAS NO.   | COMPOUND NAME                    | MOLECULAR WEIGHT | RESULT | Q | RL   | MDL  |
|-----------|----------------------------------|------------------|--------|---|------|------|
| 75-71-8   | Dichlorodifluoromethane          | 120.91           | 36.6   |   | 2.5  | 0.54 |
| 75-45-6   | Chlorodifluoromethane            | 86.47            | 33.0   |   | 1.8  | 0.42 |
| 76-14-2   | 1,2-Dichlorotetrafluoroethane    | 170.92           | 64.5   |   | 1.4  | 0.24 |
| 74-87-3   | Chloromethane                    | 50.49            | 19.4   |   | 1.0  | 0.23 |
| 106-97-8  | n-Butane                         | 58.12            | 21.6   |   | 1.2  | 0.26 |
| 75-01-4   | Vinyl chloride                   | 62.50            | 20.8   |   | 0.20 | 0.11 |
| 106-99-0  | 1,3-Butadiene                    | 54.09            | 17.2   |   | 0.44 | 0.13 |
| 74-83-9   | Bromomethane                     | 94.94            | 32.3   |   | 0.78 | 0.20 |
| 75-00-3   | Chloroethane                     | 64.52            | 19.9   |   | 1.3  | 0.14 |
| 593-60-2  | Bromoethene (Vinyl Bromide)      | 106.96           | 41.5   |   | 0.87 | 0.23 |
| 75-69-4   | Trichlorofluoromethane           | 137.37           | 52.4   |   | 1.1  | 0.34 |
| 76-13-1   | 1,1,2-Trichlorotrifluoroethane   | 187.38           | 71.8   |   | 1.5  | 0.29 |
| 75-35-4   | 1,1-Dichloroethene               | 96.94            | 38.1   |   | 0.20 | 0.15 |
| 67-64-1   | Acetone                          | 58.08            | 21.8   |   | 12   | 2.9  |
| 67-63-0   | Isopropyl alcohol                | 60.10            | 23.4   |   | 12   | 1.2  |
| 75-15-0   | Carbon disulfide                 | 76.14            | 29.3   |   | 1.6  | 0.23 |
| 107-05-1  | 3-Chloropropene                  | 76.53            | 28.2   |   | 1.6  | 0.20 |
| 75-09-2   | Methylene Chloride               | 84.93            | 31.9   |   | 1.7  | 0.94 |
| 75-65-0   | tert-Butyl alcohol               | 74.12            | 30.2   |   | 15   | 0.12 |
| 1634-04-4 | Methyl tert-butyl ether          | 88.15            | 33.3   |   | 0.72 | 0.12 |
| 156-60-5  | trans-1,2-Dichloroethene         | 96.94            | 35.8   |   | 0.79 | 0.17 |
| 110-54-3  | n-Hexane                         | 86.17            | 32.2   |   | 0.70 | 0.70 |
| 75-34-3   | 1,1-Dichloroethane               | 98.96            | 35.1   |   | 0.81 | 0.17 |
| 78-93-3   | Methyl Ethyl Ketone (2-Butanone) | 72.11            | 28.2   |   | 1.5  | 0.21 |
| 156-59-2  | cis-1,2-Dichloroethene           | 96.94            | 36.2   |   | 0.20 | 0.18 |
| 67-66-3   | Chloroform                       | 119.38           | 44.2   |   | 0.98 | 0.16 |
| 109-99-9  | Tetrahydrofuran                  | 72.11            | 26.7   |   | 15   | 0.19 |
| 71-55-6   | 1,1,1-Trichloroethane            | 133.41           | 49.1   |   | 1.1  | 0.20 |
| 110-82-7  | Cyclohexane                      | 84.16            | 32.0   |   | 0.69 | 0.16 |
| 56-23-5   | Carbon tetrachloride             | 153.81           | 56.1   |   | 0.22 | 0.15 |
| 540-84-1  | 2,2,4-Trimethylpentane           | 114.23           | 44.4   |   | 0.93 | 0.19 |
| 71-43-2   | Benzene                          | 78.11            | 30.8   |   | 0.64 | 0.21 |
| 107-06-2  | 1,2-Dichloroethane               | 98.96            | 36.4   |   | 0.81 | 0.13 |

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

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-56451-1  
 SDG No.: 200-56451-1  
 Client Sample ID: \_\_\_\_\_ Lab Sample ID: LCS 200-162248/5  
 Matrix: Air Lab File ID: 44136-05.D  
 Analysis Method: TO-15 Date Collected: \_\_\_\_\_  
 Sample wt/vol: 200 (mL) Date Analyzed: 12/18/2020 14:40  
 Soil Aliquot Vol: \_\_\_\_\_ Dilution Factor: 1  
 Soil Extract Vol.: \_\_\_\_\_ GC Column: RTX-624 ID: 0.32 (mm)  
 % Moisture: \_\_\_\_\_ Level: (low/med) Low  
 Analysis Batch No.: 162248 Units: ug/m3

| CAS NO.     | COMPOUND NAME                                    | MOLECULAR WEIGHT | RESULT | Q | RL   | MDL  |
|-------------|--------------------------------------------------|------------------|--------|---|------|------|
| 142-82-5    | n-Heptane                                        | 100.21           | 37.6   |   | 0.82 | 0.23 |
| 79-01-6     | Trichloroethene                                  | 131.39           | 56.4   |   | 0.20 | 0.19 |
| 80-62-6     | Methyl methacrylate                              | 100.12           | 39.9   |   | 2.0  | 0.14 |
| 78-87-5     | 1,2-Dichloropropane                              | 112.99           | 44.0   |   | 0.92 | 0.15 |
| 123-91-1    | 1,4-Dioxane                                      | 88.11            | 37.6   |   | 18   | 0.30 |
| 75-27-4     | Bromodichloromethane                             | 163.83           | 64.7   |   | 1.3  | 0.23 |
| 10061-01-5  | cis-1,3-Dichloropropene                          | 110.97           | 44.5   |   | 0.91 | 0.15 |
| 108-10-1    | 4-Methyl-2-pentanone<br>(Methyl isobutyl ketone) | 100.16           | 37.6   |   | 2.0  | 0.15 |
| 108-88-3    | Toluene                                          | 92.14            | 36.1   |   | 0.75 | 0.41 |
| 10061-02-6  | trans-1,3-Dichloropropene                        | 110.97           | 42.0   |   | 0.91 | 0.18 |
| 79-00-5     | 1,1,2-Trichloroethane                            | 133.41           | 52.5   |   | 1.1  | 0.20 |
| 127-18-4    | Tetrachloroethene                                | 165.83           | 62.2   |   | 1.4  | 0.22 |
| 591-78-6    | Methyl Butyl Ketone<br>(2-Hexanone)              | 100.20           | 34.4   |   | 2.0  | 0.20 |
| 124-48-1    | Dibromochloromethane                             | 208.28           | 79.1   |   | 1.7  | 0.31 |
| 106-93-4    | 1,2-Dibromoethane                                | 187.87           | 77.2   |   | 1.5  | 0.38 |
| 108-90-7    | Chlorobenzene                                    | 112.56           | 45.1   |   | 0.92 | 0.26 |
| 100-41-4    | Ethylbenzene                                     | 106.17           | 41.9   |   | 0.87 | 0.27 |
| 179601-23-1 | m,p-Xylene                                       | 106.17           | 85.4   |   | 2.2  | 0.43 |
| 95-47-6     | o-Xylene                                         | 106.17           | 42.3   |   | 0.87 | 0.21 |
| 100-42-5    | Styrene                                          | 104.15           | 44.0   |   | 0.85 | 0.17 |
| 75-25-2     | Bromoform                                        | 252.75           | 99.6   |   | 2.1  | 0.50 |
| 98-82-8     | Cumene                                           | 120.19           | 48.3   |   | 0.98 | 0.17 |
| 79-34-5     | 1,1,2,2-Tetrachloroethane                        | 167.85           | 63.3   |   | 1.4  | 0.29 |
| 103-65-1    | n-Propylbenzene                                  | 120.19           | 47.8   |   | 0.98 | 0.19 |
| 622-96-8    | 4-Ethyltoluene                                   | 120.20           | 48.6   |   | 0.98 | 0.20 |
| 108-67-8    | 1,3,5-Trimethylbenzene                           | 120.20           | 46.9   |   | 0.98 | 0.19 |
| 95-49-8     | 2-Chlorotoluene                                  | 126.59           | 50.4   |   | 1.0  | 0.22 |
| 98-06-6     | tert-Butylbenzene                                | 134.22           | 52.7   |   | 1.1  | 0.19 |
| 95-63-6     | 1,2,4-Trimethylbenzene                           | 120.20           | 48.5   |   | 0.98 | 0.22 |
| 135-98-8    | sec-Butylbenzene                                 | 134.22           | 55.2   |   | 1.1  | 0.19 |
| 99-87-6     | 4-Isopropyltoluene                               | 134.22           | 53.1   |   | 1.1  | 0.21 |
| 541-73-1    | 1,3-Dichlorobenzene                              | 147.00           | 59.3   |   | 1.2  | 0.66 |
| 106-46-7    | 1,4-Dichlorobenzene                              | 147.00           | 59.1   |   | 1.2  | 0.72 |

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

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-56451-1  
 SDG No.: 200-56451-1  
 Client Sample ID: \_\_\_\_\_ Lab Sample ID: LCS 200-162248/5  
 Matrix: Air Lab File ID: 44136-05.D  
 Analysis Method: TO-15 Date Collected: \_\_\_\_\_  
 Sample wt/vol: 200 (mL) Date Analyzed: 12/18/2020 14:40  
 Soil Aliquot Vol: \_\_\_\_\_ Dilution Factor: 1  
 Soil Extract Vol.: \_\_\_\_\_ GC Column: RTX-624 ID: 0.32 (mm)  
 % Moisture: \_\_\_\_\_ Level: (low/med) Low  
 Analysis Batch No.: 162248 Units: ug/m3

| CAS NO.  | COMPOUND NAME          | MOLECULAR WEIGHT | RESULT | Q | RL  | MDL  |
|----------|------------------------|------------------|--------|---|-----|------|
| 100-44-7 | Benzyl chloride        | 126.58           | 52.3   |   | 1.0 | 0.44 |
| 104-51-8 | n-Butylbenzene         | 134.22           | 55.0   |   | 1.1 | 0.21 |
| 95-50-1  | 1,2-Dichlorobenzene    | 147.00           | 59.0   |   | 1.2 | 0.58 |
| 120-82-1 | 1,2,4-Trichlorobenzene | 181.45           | 72.3   |   | 3.7 | 1.6  |
| 87-68-3  | Hexachlorobutadiene    | 260.76           | 96.4   |   | 2.1 | 0.81 |
| 91-20-3  | Naphthalene            | 128.17           | 45.0   |   | 2.6 | 0.89 |

Eurofins TestAmerica, Burlington  
Target Compound Quantitation Report

Data File: \\chromfs\Burlington\ChromData\CHC.i\20201218-44136.b\44136-05.D  
 Lims ID: lcs  
 Client ID:  
 Sample Type: LCS  
 Inject. Date: 18-Dec-2020 14:40:30 ALS Bottle#: 5 Worklist Smp#: 5  
 Purge Vol: 200.000 mL Dil. Factor: 1.0000  
 Sample Info: 200-0044136-005  
 Operator ID: vtp Instrument ID: CHC.i  
 Method: \\chromfs\Burlington\ChromData\CHC.i\20201218-44136.b\TO15\_MasterMethod\_(v1)\_CHC.i.m  
 Limit Group: AI\_TO15\_ICAL  
 Last Update: 21-Dec-2020 14:56:59 Calib Date: 18-Dec-2020 04:03:30  
 Integrator: RTE ID Type: Deconvolution ID  
 Quant Method: Internal Standard Quant By: Initial Calibration  
 Last ICal File: \\chromfs\Burlington\ChromData\CHC.i\20201217-44129.b\44129-14.D  
 Column 1 : RTX-624 ( 0.32 mm) Det: MS SCAN  
 Process Host: CTX1658

First Level Reviewer: puangmaleek

Date: 21-Dec-2020 15:00:33

| 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  | 2.833     | 2.833         | 0.000         | 95  | 156305   | 10.1            | 9.58              |       |
| 2 Dichlorodifluoromethane          | 85  | 2.897     | 2.897         | 0.000         | 100 | 604318   | 10.6            | 7.40              |       |
| 3 Chlorodifluoromethane            | 51  | 2.934     | 2.934         | 0.000         | 98  | 376318   | 10.6            | 9.32              |       |
| 4 1,2-Dichloro-1,1,2,2-tetrafluoro | 85  | 3.132     | 3.137         | -0.005        | 88  | 681687   | 10.6            | 9.22              |       |
| 5 Chloromethane                    | 50  | 3.244     | 3.244         | 0.000         | 99  | 154336   | 9.94            | 9.40              |       |
| 6 Butane                           | 43  | 3.436     | 3.436         | 0.000         | 94  | 236509   | 10.3            | 9.07              |       |
| 7 Vinyl chloride                   | 62  | 3.463     | 3.463         | 0.001         | 99  | 170788   | 9.99            | 8.13              |       |
| 8 Butadiene                        | 54  | 3.532     | 3.537         | -0.005        | 92  | 125958   | 9.70            | 7.78              |       |
| 9 BFB                              |     |           |               |               |     |          |                 |                   |       |
| 10 Bromomethane                    | 94  | 4.140     | 4.140         | 0.000         | 94  | 175942   | 10.4            | 8.31              |       |
| 11 Chloroethane                    | 64  | 4.359     | 4.359         | 0.000         | 97  | 66559    | 10.6            | 7.54              |       |
| 12 2-Methylbutane                  | 43  | 4.461     | 4.461         | 0.001         | 87  | 146805   | 10.4            | 7.21              |       |
| 13 Vinyl bromide                   | 106 | 4.733     | 4.733         | 0.000         | 95  | 199662   | 10.0            | 9.49              |       |
| 14 Trichlorofluoromethane          | 101 | 4.845     | 4.850         | -0.005        | 100 | 785007   | 10.4            | 9.33              |       |
| 16 Pentane                         | 43  | 4.994     | 5.000         | -0.006        | 95  | 281279   | 10.2            | 8.82              |       |
| 17 Ethanol                         | 45  | 5.443     | 5.442         | 0.001         | 97  | 133998   | 15.0            | 15.9              |       |
| 18 Ethyl ether                     | 59  | 5.523     | 5.523         | 0.000         | 96  | 129916   | 10.2            | 8.87              |       |
| 19 Acrolein                        | 56  | 5.821     | 5.818         | 0.000         | 98  | 66478    | 9.71            | 8.87              |       |
| 20 1,1,2-Trichloro-1,2,2-trifluoro | 101 | 5.907     | 5.912         | -0.005        | 94  | 550929   | 10.7            | 9.37              |       |
| 21 1,1-Dichloroethene              | 96  | 5.918     | 5.917         | 0.001         | 99  | 230099   | 10.2            | 9.61              |       |
| 22 Acetone                         | 43  | 6.142     | 6.147         | -0.005        | 99  | 313719   | 10.4            | 9.17              |       |
| 23 Carbon disulfide                | 76  | 6.280     | 6.280         | 0.000         | 99  | 622321   | 10.4            | 9.40              |       |
| 24 Isopropyl alcohol               | 45  | 6.526     | 6.531         | -0.005        | 99  | 316436   | 10.2            | 9.51              |       |
| 25 3-Chloro-1-propene              | 41  | 6.670     | 6.681         | -0.011        | 97  | 269921   | 10.7            | 9.01              |       |
| 26 Acetonitrile                    | 41  | 6.745     | 6.745         | 0.000         | 99  | 125377   | 9.72            | 9.09              |       |
| 27 Methylene Chloride              | 49  | 6.958     | 6.958         | 0.000         | 92  | 246209   | 10.2            | 9.18              |       |
| 28 2-Methyl-2-propanol             | 59  | 7.316     | 7.322         | -0.010        | 95  | 461201   | 10.8            | 9.98              |       |
| 31 trans-1,2-Dichloroethene        | 61  | 7.417     | 7.417         | 0.000         | 98  | 351432   | 10.3            | 9.03              |       |
| 29 Methyl tert-butyl ether         | 73  | 7.439     | 7.438         | 0.001         | 95  | 721856   | 10.6            | 9.24              |       |
| 32 Acrylonitrile                   | 53  | 7.503     | 7.508         | -0.005        | 95  | 134000   | 10.2            | 9.45              |       |
| 33 Hexane                          | 57  | 7.849     | 7.849         | 0.000         | 85  | 310649   | 10.5            | 9.13              |       |
| 34 1,1-Dichloroethane              | 63  | 8.250     | 8.250         | 0.000         | 99  | 417050   | 10.3            | 8.67              |       |

| Compound                       | Sig | RT (min.) | Adj RT (min.)   | Dlt RT (min.) | Q   | Response  | Cal Amt ppb v/v | OnCol Amt ppb v/v | Flags |
|--------------------------------|-----|-----------|-----------------|---------------|-----|-----------|-----------------|-------------------|-------|
| 35 Vinyl acetate               | 43  | 8.362     | 8.362           | 0.000         | 99  | 454389    | 10.1            | 7.63              |       |
| 37 cis-1,2-Dichloroethene      | 96  | 9.349     | 9.349           | 0.000         | 92  | 288500    | 10.4            | 9.14              |       |
| 38 2-Butanone (MEK)            | 72  | 9.403     | 9.408           | -0.006        | 100 | 117890    | 10.4            | 9.56              |       |
| 39 Ethyl acetate               | 88  | 9.504     | 9.493           | 0.011         | 99  | 21781     | 10.2            | 9.35              |       |
| * 40 Chlorobromomethane        | 128 | 9.787     | 9.787           | 0.000         | 80  | 506978    | 20.0            | 20.0              |       |
| 41 Tetrahydrofuran             | 42  | 9.867     | 9.867           | 0.000         | 87  | 252446    | 9.81            | 9.07              |       |
| 42 Chloroform                  | 83  | 9.947     | 9.941           | 0.000         | 97  | 672492    | 10.3            | 9.05              |       |
| S 30 1,2-Dichloroethene, Total | 61  |           |                 |               | 0   |           | 20.0            | 18.2              |       |
| 44 1,1,1-Trichloroethane       | 97  | 10.214    | 10.219          | -0.005        | 95  | 808229    | 10.3            | 9.00              |       |
| 43 Cyclohexane                 | 84  | 10.224    | 10.224          | 0.000         | 92  | 391357    | 10.2            | 9.30              |       |
| 45 Carbon tetrachloride        | 117 | 10.486    | 10.486          | 0.000         | 98  | 914028    | 10.0            | 8.92              |       |
| 47 Benzene                     | 78  | 10.908    | 10.913          | -0.005        | 96  | 982196    | 10.4            | 9.63              |       |
| 46 Isooctane                   | 57  | 10.966    | 10.966          | 0.000         | 98  | 1441313   | 10.1            | 9.51              |       |
| 48 1,2-Dichloroethane          | 62  | 11.062    | 11.068          | -0.006        | 99  | 504578    | 10.5            | 8.99              |       |
| 49 n-Heptane                   | 43  | 11.372    | 11.366          | 0.006         | 92  | 564767    | 10.3            | 9.17              |       |
| * 50 1,4-Difluorobenzene       | 114 | 11.761    | 11.761          | 0.000         | 94  | 2962121   | 20.0            | 20.0              |       |
| 53 Trichloroethene             | 95  | 12.231    | 12.236          | -0.005        | 98  | 601608    | 10.3            | 10.5              |       |
| 52 n-Butanol                   | 56  | 12.258    | 12.263          | -0.005        | 89  | 191926    | 9.11            | 9.44              |       |
| A 51 GRO                       | 1   | 12.693    | (4.451-20.935)  |               | 0   | 178967848 | 649.9           | 0                 |       |
| 54 1,2-Dichloropropane         | 63  | 12.738    | 12.738          | 0.000         | 85  | 405108    | 10.3            | 9.53              |       |
| 55 Methyl methacrylate         | 69  | 12.984    | 12.978          | 0.006         | 95  | 403794    | 10.2            | 9.75              |       |
| 57 Dibromomethane              | 174 | 12.994    | 12.994          | 0.000         | 91  | 671158    | 10.3            | 9.90              |       |
| 56 1,4-Dioxane                 | 88  | 13.037    | 13.048          | -0.011        | 92  | 230785    | 10.3            | 10.4              |       |
| 58 Dichlorobromomethane        | 83  | 13.314    | 13.320          | -0.006        | 98  | 987719    | 10.3            | 9.66              |       |
| 60 cis-1,3-Dichloropropene     | 75  | 14.280    | 14.280          | 0.000         | 95  | 840921    | 9.94            | 9.80              |       |
| A 59 TVOC as Toluene           | 1   | 14.382    | (2.823-25.941)  |               | 0   | 311430384 | 899.8           | 0                 |       |
| 61 4-Methyl-2-pentanone (MIBK) | 43  | 14.611    | 14.617          | -0.006        | 97  | 920695    | 10.2            | 9.18              |       |
| A 63 Toluene Range             | 1   | 14.894    | (14.854-14.934) |               | 0   | 4080036   | NC              | NC                |       |
| 65 Toluene                     | 92  | 14.894    | 14.894          | 0.000         | 93  | 1001702   | 10.2            | 9.57              |       |
| A 62 C8 Range                  | 1   | 15.054    | (15.070-15.076) |               | 0   | 4212104   | NC              | NC                |       |
| 64 n-Octane                    | 43  | 15.054    | 15.054          | 0.000         | 91  | 1043372   | 10.3            | 9.42              |       |
| 66 trans-1,3-Dichloropropene   | 75  | 15.487    | 15.487          | 0.000         | 98  | 759138    | 9.85            | 9.26              |       |
| 67 1,1,2-Trichloroethane       | 83  | 15.855    | 15.849          | 0.006         | 98  | 474187    | 10.5            | 9.63              |       |
| 68 Tetrachloroethene           | 166 | 16.015    | 16.015          | 0.000         | 96  | 1023886   | 10.5            | 9.18              |       |
| 69 2-Hexanone                  | 43  | 16.367    | 16.367          | 0.000         | 96  | 867051    | 10.1            | 8.39              |       |
| 71 Chlorodibromomethane        | 129 | 16.618    | 16.618          | 0.000         | 98  | 1151125   | 10.6            | 9.28              |       |
| 72 Ethylene Dibromide          | 107 | 16.869    | 16.874          | -0.005        | 99  | 965252    | 10.7            | 10.1              |       |
| * 74 Chlorobenzene-d5          | 117 | 17.803    | 17.803          | 0.000         | 86  | 3458065   | 20.0            | 20.0              |       |
| 75 Chlorobenzene               | 112 | 17.867    | 17.861          | 0.006         | 95  | 1477934   | 10.5            | 9.80              |       |
| 76 Ethylbenzene                | 91  | 18.038    | 18.038          | 0.000         | 98  | 2440686   | 10.2            | 9.65              |       |
| 77 n-Nonane                    | 57  | 18.256    | 18.262          | -0.006        | 88  | 1109319   | 10.5            | 9.64              |       |
| 78 m-Xylene & p-Xylene         | 106 | 18.294    | 18.294          | 0.000         | 0   | 1880296   | 20.0            | 19.7              |       |
| 79 o-Xylene                    | 106 | 19.126    | 19.126          | 0.000         | 98  | 923611    | 10.4            | 9.75              |       |
| 80 Styrene                     | 104 | 19.174    | 19.174          | 0.000         | 98  | 1525605   | 10.3            | 10.3              |       |
| 81 Bromoform                   | 173 | 19.591    | 19.591          | 0.000         | 98  | 1113228   | 10.3            | 9.64              |       |
| 82 Isopropylbenzene            | 105 | 19.874    | 19.873          | 0.001         | 96  | 2898485   | 10.5            | 9.83              |       |
| S 73 Xylenes, Total            | 106 |           |                 |               | 0   |           | 30.0            | 29.4              |       |
| * 83 4-Bromofluorobenzene      | 95  | 20.258    | 20.258          | 0.000         | 95  | 2839295   | 20.0            | 20.0              |       |
| 84 1,1,2,2-Tetrachloroethane   | 83  | 20.557    | 20.557          | 0.000         | 100 | 1237895   | 10.3            | 9.21              |       |
| 86 1,2,3-Trichloropropane      | 75  | 20.647    | 20.647          | 0.000         | 97  | 1106892   | 10.6            | 9.89              |       |
| 85 N-Propylbenzene             | 91  | 20.663    | 20.663          | 0.000         | 99  | 3401139   | 10.4            | 9.72              |       |
| 89 2-Chlorotoluene             | 91  | 20.861    | 20.861          | 0.000         | 97  | 2462219   | 10.4            | 9.74              |       |



| Compound                   | Sig | RT (min.) | Adj RT (min.) | Dlt RT (min.) | Q  | Response | Cal Amt ppb v/v | OnCol Amt ppb v/v | Flags |
|----------------------------|-----|-----------|---------------|---------------|----|----------|-----------------|-------------------|-------|
| 88 4-Ethyltoluene          | 105 | 20.872    | 20.871        | 0.001         | 99 | 2948707  | 10.2            | 9.90              |       |
| 87 n-Decane                | 57  | 20.925    | 20.925        | 0.000         | 92 | 1487144  | 10.3            | 9.76              |       |
| 90 1,3,5-Trimethylbenzene  | 105 | 20.989    | 20.989        | 0.000         | 93 | 2500968  | 10.5            | 9.54              |       |
| 91 Alpha Methyl Styrene    | 118 | 21.379    | 21.379        | 0.000         | 88 | 1270840  | 10.2            | 10.1              |       |
| 92 tert-Butylbenzene       | 119 | 21.507    | 21.507        | 0.000         | 93 | 2505401  | 10.4            | 9.60              |       |
| 93 1,2,4-Trimethylbenzene  | 105 | 21.608    | 21.608        | 0.000         | 97 | 2576583  | 10.4            | 9.86              |       |
| 94 sec-Butylbenzene        | 105 | 21.853    | 21.853        | 0.000         | 99 | 3768977  | 10.5            | 10.1              |       |
| 95 4-Isopropyltoluene      | 119 | 22.072    | 22.072        | 0.000         | 97 | 3197772  | 10.5            | 9.68              |       |
| 96 1,3-Dichlorobenzene     | 146 | 22.078    | 22.078        | 0.000         | 96 | 1779297  | 10.2            | 9.86              |       |
| 97 1,4-Dichlorobenzene     | 146 | 22.216    | 22.216        | 0.000         | 96 | 1810558  | 10.4            | 9.84              |       |
| 98 Benzyl chloride         | 91  | 22.409    | 22.409        | 0.001         | 99 | 1993601  | 10.2            | 10.1              |       |
| 100 n-Butylbenzene         | 91  | 22.654    | 22.654        | 0.000         | 98 | 2952019  | 10.5            | 10.0              |       |
| 99 Undecane                | 57  | 22.729    | 22.729        | 0.000         | 94 | 1673369  | 10.7            | 10.1              |       |
| 101 1,2-Dichlorobenzene    | 146 | 22.745    | 22.745        | 0.000         | 97 | 1743775  | 10.8            | 9.81              |       |
| 102 Dodecane               | 57  | 24.228    | 24.228        | 0.000         | 97 | 1592706  | 10.6            | 8.47              |       |
| 103 1,2,4-Trichlorobenzene | 180 | 25.082    | 25.082        | 0.000         | 93 | 1563583  | 11.0            | 9.74              |       |
| 104 Hexachlorobutadiene    | 225 | 25.285    | 25.285        | 0.000         | 96 | 1904945  | 10.8            | 9.04              |       |
| 105 Naphthalene            | 128 | 25.493    | 25.493        | 0.000         | 99 | 2650810  | 10.5            | 8.58              |       |
| 106 1,2,3-Trichlorobenzene | 180 | 25.931    | 25.931        | 0.000         | 96 | 1297744  | 10.9            | 7.92              |       |

**QC Flag Legend**

Processing Flags

NC - Not Calibrated

**Reagents:**

ATTO15LCSW\_00817

Amount Added: 200.00

Units: mL

ATTO15CISs\_00010

Amount Added: 40.00

Units: mL

Run Reagent

Report Date: 21-Dec-2020 15:00:33

Chrom Revision: 2.3 09-Dec-2020 16:22:14

Eurofins TestAmerica, Burlington

Data File: \\chromfs\Burlington\ChromData\CHC.i\20201218-44136.b\44136-05.D

Injection Date: 18-Dec-2020 14:40:30

Instrument ID: CHC.i

Operator ID: vtp

Lims ID: lcs

Worklist Smp#: 5

Client ID:

Purge Vol: 200.000 mL

Dil. Factor: 1.0000

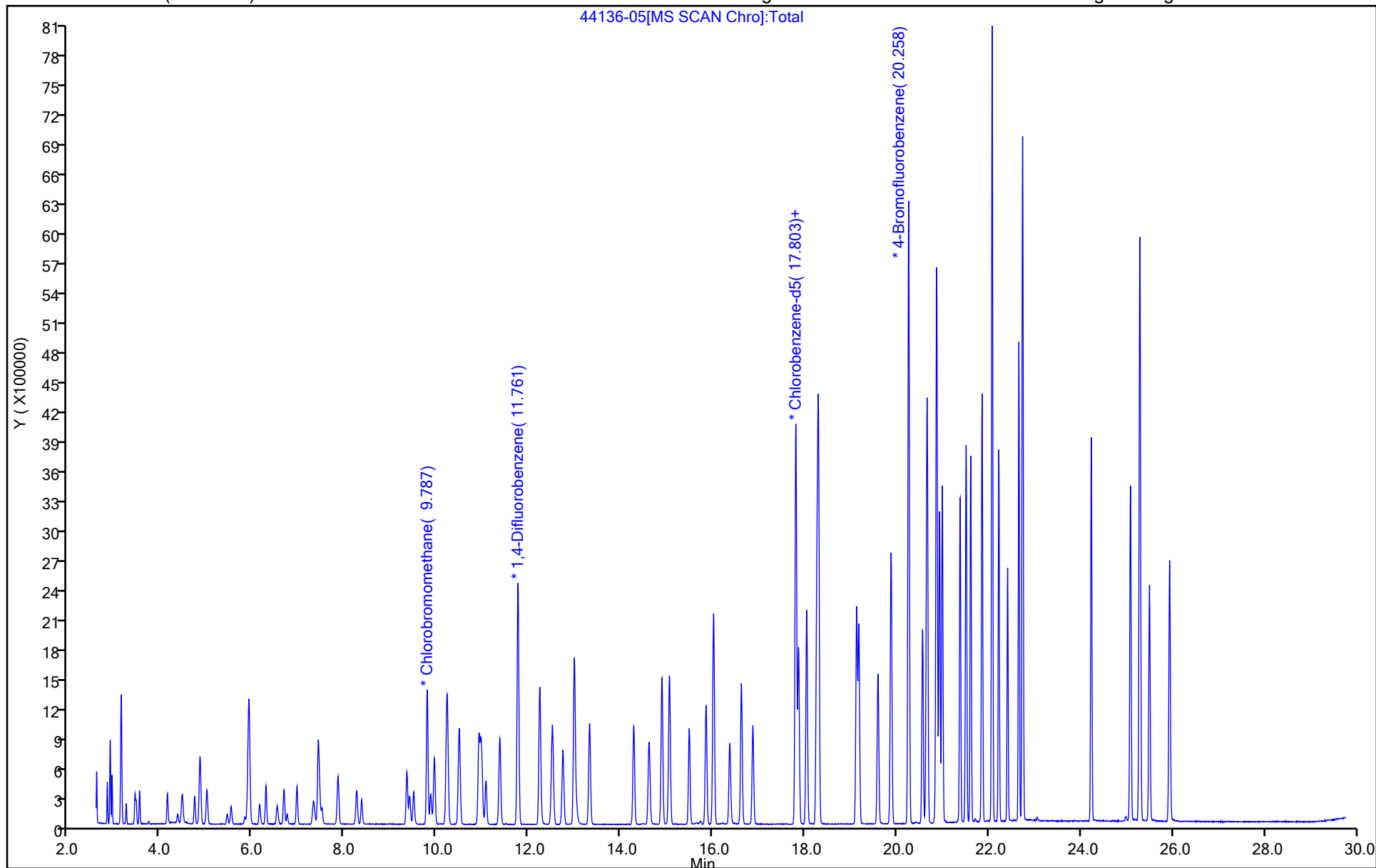
ALS Bottle#: 5

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



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

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-56451-1  
 SDG No.: 200-56451-1  
 Client Sample ID: \_\_\_\_\_ Lab Sample ID: LCS 200-162293/4  
 Matrix: Air Lab File ID: 200-44158-004.D  
 Analysis Method: TO-15 Date Collected: \_\_\_\_\_  
 Sample wt/vol: 200 (mL) Date Analyzed: 12/21/2020 10:00  
 Soil Aliquot Vol: \_\_\_\_\_ Dilution Factor: 1  
 Soil Extract Vol.: \_\_\_\_\_ GC Column: RTX-624 ID: 0.32 (mm)  
 % Moisture: \_\_\_\_\_ Level: (low/med) Low  
 Analysis Batch No.: 162293 Units: ug/m3

| CAS NO.   | COMPOUND NAME                    | MOLECULAR WEIGHT | RESULT | Q | RL   | MDL  |
|-----------|----------------------------------|------------------|--------|---|------|------|
| 75-71-8   | Dichlorodifluoromethane          | 120.91           | 54.2   |   | 2.5  | 0.54 |
| 75-45-6   | Chlorodifluoromethane            | 86.47            | 40.2   |   | 1.8  | 0.42 |
| 76-14-2   | 1,2-Dichlorotetrafluoroethane    | 170.92           | 72.6   |   | 1.4  | 0.24 |
| 74-87-3   | Chloromethane                    | 50.49            | 22.7   |   | 1.0  | 0.23 |
| 106-97-8  | n-Butane                         | 58.12            | 27.7   |   | 1.2  | 0.26 |
| 75-01-4   | Vinyl chloride                   | 62.50            | 28.5   |   | 0.20 | 0.11 |
| 106-99-0  | 1,3-Butadiene                    | 54.09            | 24.0   |   | 0.44 | 0.13 |
| 74-83-9   | Bromomethane                     | 94.94            | 35.0   |   | 0.78 | 0.20 |
| 75-00-3   | Chloroethane                     | 64.52            | 26.8   |   | 1.3  | 0.14 |
| 593-60-2  | Bromoethene (Vinyl Bromide)      | 106.96           | 41.2   |   | 0.87 | 0.23 |
| 75-69-4   | Trichlorofluoromethane           | 137.37           | 63.5   |   | 1.1  | 0.34 |
| 76-13-1   | 1,1,2-Trichlorotrifluoroethane   | 187.38           | 73.7   |   | 1.5  | 0.29 |
| 75-35-4   | 1,1-Dichloroethene               | 96.94            | 34.3   |   | 0.20 | 0.15 |
| 67-64-1   | Acetone                          | 58.08            | 30.9   |   | 12   | 2.9  |
| 67-63-0   | Isopropyl alcohol                | 60.10            | 26.0   |   | 12   | 1.2  |
| 75-15-0   | Carbon disulfide                 | 76.14            | 28.8   |   | 1.6  | 0.23 |
| 107-05-1  | 3-Chloropropene                  | 76.53            | 32.0   |   | 1.6  | 0.20 |
| 75-09-2   | Methylene Chloride               | 84.93            | 37.5   |   | 1.7  | 0.94 |
| 75-65-0   | tert-Butyl alcohol               | 74.12            | 31.2   |   | 15   | 0.12 |
| 1634-04-4 | Methyl tert-butyl ether          | 88.15            | 34.7   |   | 0.72 | 0.12 |
| 156-60-5  | trans-1,2-Dichloroethene         | 96.94            | 36.8   |   | 0.79 | 0.17 |
| 110-54-3  | n-Hexane                         | 86.17            | 32.9   |   | 0.70 | 0.70 |
| 75-34-3   | 1,1-Dichloroethane               | 98.96            | 34.5   |   | 0.81 | 0.17 |
| 78-93-3   | Methyl Ethyl Ketone (2-Butanone) | 72.11            | 26.6   |   | 1.5  | 0.21 |
| 156-59-2  | cis-1,2-Dichloroethene           | 96.94            | 33.8   |   | 0.20 | 0.18 |
| 67-66-3   | Chloroform                       | 119.38           | 46.7   |   | 0.98 | 0.16 |
| 109-99-9  | Tetrahydrofuran                  | 72.11            | 31.4   |   | 15   | 0.19 |
| 71-55-6   | 1,1,1-Trichloroethane            | 133.41           | 55.7   |   | 1.1  | 0.20 |
| 110-82-7  | Cyclohexane                      | 84.16            | 28.8   |   | 0.69 | 0.16 |
| 56-23-5   | Carbon tetrachloride             | 153.81           | 67.8   |   | 0.22 | 0.15 |
| 540-84-1  | 2,2,4-Trimethylpentane           | 114.23           | 39.9   |   | 0.93 | 0.19 |
| 71-43-2   | Benzene                          | 78.11            | 28.7   |   | 0.64 | 0.21 |
| 107-06-2  | 1,2-Dichloroethane               | 98.96            | 43.5   |   | 0.81 | 0.13 |

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

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-56451-1  
 SDG No.: 200-56451-1  
 Client Sample ID: \_\_\_\_\_ Lab Sample ID: LCS 200-162293/4  
 Matrix: Air Lab File ID: 200-44158-004.D  
 Analysis Method: TO-15 Date Collected: \_\_\_\_\_  
 Sample wt/vol: 200 (mL) Date Analyzed: 12/21/2020 10:00  
 Soil Aliquot Vol: \_\_\_\_\_ Dilution Factor: 1  
 Soil Extract Vol.: \_\_\_\_\_ GC Column: RTX-624 ID: 0.32 (mm)  
 % Moisture: \_\_\_\_\_ Level: (low/med) Low  
 Analysis Batch No.: 162293 Units: ug/m3

| CAS NO.     | COMPOUND NAME                                    | MOLECULAR WEIGHT | RESULT | Q | RL   | MDL  |
|-------------|--------------------------------------------------|------------------|--------|---|------|------|
| 142-82-5    | n-Heptane                                        | 100.21           | 35.6   |   | 0.82 | 0.23 |
| 79-01-6     | Trichloroethene                                  | 131.39           | 50.2   |   | 0.20 | 0.19 |
| 80-62-6     | Methyl methacrylate                              | 100.12           | 32.4   |   | 2.0  | 0.14 |
| 78-87-5     | 1,2-Dichloropropane                              | 112.99           | 37.9   |   | 0.92 | 0.15 |
| 123-91-1    | 1,4-Dioxane                                      | 88.11            | 33.1   |   | 18   | 0.30 |
| 75-27-4     | Bromodichloromethane                             | 163.83           | 65.6   |   | 1.3  | 0.23 |
| 10061-01-5  | cis-1,3-Dichloropropene                          | 110.97           | 42.1   |   | 0.91 | 0.15 |
| 108-10-1    | 4-Methyl-2-pentanone<br>(Methyl isobutyl ketone) | 100.16           | 34.0   |   | 2.0  | 0.15 |
| 108-88-3    | Toluene                                          | 92.14            | 32.5   |   | 0.75 | 0.41 |
| 10061-02-6  | trans-1,3-Dichloropropene                        | 110.97           | 40.1   |   | 0.91 | 0.18 |
| 79-00-5     | 1,1,2-Trichloroethane                            | 133.41           | 48.1   |   | 1.1  | 0.20 |
| 127-18-4    | Tetrachloroethene                                | 165.83           | 67.6   |   | 1.4  | 0.22 |
| 591-78-6    | Methyl Butyl Ketone<br>(2-Hexanone)              | 100.20           | 35.4   |   | 2.0  | 0.20 |
| 124-48-1    | Dibromochloromethane                             | 208.28           | 85.4   |   | 1.7  | 0.31 |
| 106-93-4    | 1,2-Dibromoethane                                | 187.87           | 78.0   |   | 1.5  | 0.38 |
| 108-90-7    | Chlorobenzene                                    | 112.56           | 43.7   |   | 0.92 | 0.26 |
| 100-41-4    | Ethylbenzene                                     | 106.17           | 36.0   |   | 0.87 | 0.27 |
| 179601-23-1 | m,p-Xylene                                       | 106.17           | 76.6   |   | 2.2  | 0.43 |
| 95-47-6     | o-Xylene                                         | 106.17           | 36.6   |   | 0.87 | 0.21 |
| 100-42-5    | Styrene                                          | 104.15           | 39.2   |   | 0.85 | 0.17 |
| 75-25-2     | Bromoform                                        | 252.75           | 114    |   | 2.1  | 0.50 |
| 98-82-8     | Cumene                                           | 120.19           | 45.7   |   | 0.98 | 0.17 |
| 79-34-5     | 1,1,2,2-Tetrachloroethane                        | 167.85           | 56.1   |   | 1.4  | 0.29 |
| 103-65-1    | n-Propylbenzene                                  | 120.19           | 44.7   |   | 0.98 | 0.19 |
| 622-96-8    | 4-Ethyltoluene                                   | 120.20           | 45.2   |   | 0.98 | 0.20 |
| 108-67-8    | 1,3,5-Trimethylbenzene                           | 120.20           | 44.2   |   | 0.98 | 0.19 |
| 95-49-8     | 2-Chlorotoluene                                  | 126.59           | 48.3   |   | 1.0  | 0.22 |
| 98-06-6     | tert-Butylbenzene                                | 134.22           | 51.0   |   | 1.1  | 0.19 |
| 95-63-6     | 1,2,4-Trimethylbenzene                           | 120.20           | 44.8   |   | 0.98 | 0.22 |
| 135-98-8    | sec-Butylbenzene                                 | 134.22           | 49.0   |   | 1.1  | 0.19 |
| 99-87-6     | 4-Isopropyltoluene                               | 134.22           | 48.6   |   | 1.1  | 0.21 |
| 541-73-1    | 1,3-Dichlorobenzene                              | 147.00           | 59.6   |   | 1.2  | 0.66 |
| 106-46-7    | 1,4-Dichlorobenzene                              | 147.00           | 60.2   |   | 1.2  | 0.72 |

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

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-56451-1  
SDG No.: 200-56451-1  
Client Sample ID: \_\_\_\_\_ Lab Sample ID: LCS 200-162293/4  
Matrix: Air Lab File ID: 200-44158-004.D  
Analysis Method: TO-15 Date Collected: \_\_\_\_\_  
Sample wt/vol: 200 (mL) Date Analyzed: 12/21/2020 10:00  
Soil Aliquot Vol: \_\_\_\_\_ Dilution Factor: 1  
Soil Extract Vol.: \_\_\_\_\_ GC Column: RTX-624 ID: 0.32 (mm)  
% Moisture: \_\_\_\_\_ Level: (low/med) Low  
Analysis Batch No.: 162293 Units: ug/m3

| CAS NO.  | COMPOUND NAME          | MOLECULAR WEIGHT | RESULT | Q | RL  | MDL  |
|----------|------------------------|------------------|--------|---|-----|------|
| 100-44-7 | Benzyl chloride        | 126.58           | 46.3   |   | 1.0 | 0.44 |
| 104-51-8 | n-Butylbenzene         | 134.22           | 49.3   |   | 1.1 | 0.21 |
| 95-50-1  | 1,2-Dichlorobenzene    | 147.00           | 57.7   |   | 1.2 | 0.58 |
| 120-82-1 | 1,2,4-Trichlorobenzene | 181.45           | 80.8   |   | 3.7 | 1.6  |
| 87-68-3  | Hexachlorobutadiene    | 260.76           | 106    |   | 2.1 | 0.81 |
| 91-20-3  | Naphthalene            | 128.17           | 49.1   |   | 2.6 | 0.89 |

Eurofins TestAmerica, Burlington  
Target Compound Quantitation Report

Data File: \\chromfs\Burlington\ChromData\CHG.i\20201221-44158.b\200-44158-004.D  
 Lims ID: lcs  
 Client ID:  
 Sample Type: LCS  
 Inject. Date: 21-Dec-2020 10:00:30 ALS Bottle#: 3 Worklist Smp#: 4  
 Purge Vol: 200.000 mL Dil. Factor: 1.0000  
 Sample Info: 200-0044158-004  
 Operator ID: ggg Instrument ID: CHG.i  
 Method: \\chromfs\Burlington\ChromData\CHG.i\20201221-44158.b\TO15\_MasterMethod\_(v1)\_G.m  
 Limit Group: AI\_TO15\_ICAL  
 Last Update: 21-Dec-2020 10:59:14 Calib Date: 09-Dec-2020 17:31:30  
 Integrator: RTE ID Type: Deconvolution ID  
 Quant Method: Internal Standard Quant By: Initial Calibration  
 Last ICal File: \\chromfs\Burlington\ChromData\CHG.i\20201209-43976.b\200-43976-009.D  
 Column 1 : RTX-624 ( 0.32 mm) Det: MS SCAN  
 Process Host: CTX1681

First Level Reviewer: bourdeaut

Date: 21-Dec-2020 10:59:14

| 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  | 3.049     | 3.048         | 0.001         | 94 | 39880    | 10.1            | 11.6              |       |
| 2 Dichlorodifluoromethane          | 85  | 3.102     | 3.102         | 0.000         | 99 | 251867   | 10.6            | 11.0              |       |
| 3 Chlorodifluoromethane            | 51  | 3.124     | 3.123         | 0.001         | 96 | 111706   | 10.6            | 11.4              |       |
| 4 1,2-Dichloro-1,1,2,2-tetrafluoro | 85  | 3.316     | 3.316         | 0.000         | 91 | 206898   | 10.6            | 10.4              |       |
| 5 Chloromethane                    | 50  | 3.391     | 3.391         | 0.000         | 98 | 42756    | 9.94            | 11.0              |       |
| 7 Vinyl chloride                   | 62  | 3.584     | 3.583         | 0.001         | 97 | 54287    | 9.99            | 11.2              |       |
| 6 Butane                           | 43  | 3.589     | 3.589         | 0.000         | 89 | 71610    | 10.3            | 11.7              |       |
| 8 Butadiene                        | 54  | 3.653     | 3.653         | 0.000         | 87 | 36419    | 9.70            | 10.8              |       |
| 10 Bromomethane                    | 94  | 4.124     | 4.124         | 0.000         | 94 | 60995    | 10.4            | 9.02              |       |
| 11 Chloroethane                    | 64  | 4.317     | 4.311         | 0.005         | 91 | 20651    | 10.6            | 10.2              |       |
| 12 2-Methylbutane                  | 43  | 4.482     | 4.482         | 0.000         | 81 | 51181    | 10.4            | 10.5              |       |
| 13 Vinyl bromide                   | 106 | 4.627     | 4.627         | 0.000         | 93 | 64351    | 10.0            | 9.41              |       |
| 14 Trichlorofluoromethane          | 101 | 4.761     | 4.755         | 0.006         | 97 | 243877   | 10.4            | 11.3              |       |
| 16 Pentane                         | 43  | 4.926     | 4.921         | 0.005         | 87 | 75277    | 10.2            | 10.5              |       |
| 17 Ethanol                         | 45  | 4.996     | 4.985         | 0.011         | 95 | 29084    | 15.0            | 14.8              |       |
| 18 Ethyl ether                     | 59  | 5.247     | 5.242         | 0.005         | 88 | 26349    | 10.2            | 10.4              |       |
| 19 Acrolein                        | 56  | 5.424     | 5.424         | 0.000         | 98 | 10542    | 9.71            | 10.6              |       |
| 21 1,1-Dichloroethene              | 96  | 5.627     | 5.622         | 0.005         | 94 | 56139    | 10.2            | 8.65              |       |
| 22 Acetone                         | 43  | 5.654     | 5.654         | 0.000         | 88 | 74831    | 10.4            | 13.0              |       |
| 20 112TCTFE                        | 101 | 5.675     | 5.664         | 0.011         | 93 | 144758   | 10.7            | 9.62              |       |
| 9 BFB                              |     |           |               |               |    |          |                 |                   |       |
| 24 Isopropyl alcohol               | 45  | 5.895     | 5.889         | 0.006         | 98 | 75832    | 10.2            | 10.6              |       |
| 23 Carbon disulfide                | 76  | 6.002     | 6.001         | 0.001         | 95 | 159115   | 10.4            | 9.23              |       |
| 26 Acetonitrile                    | 41  | 6.071     | 6.076         | -0.005        | 91 | 25825    | 9.72            | 11.0              |       |
| 25 3-Chloro-1-propene              | 41  | 6.232     | 6.237         | -0.005        | 87 | 59374    | 10.7            | 10.2              |       |
| 27 Methylene Chloride              | 49  | 6.435     | 6.435         | 0.000         | 95 | 72712    | 10.2            | 10.8              |       |
| 28 2-Methyl-2-propanol             | 59  | 6.617     | 6.606         | 0.011         | 97 | 95504    | 10.8            | 10.3              |       |
| 32 Acrylonitrile                   | 53  | 6.783     | 6.783         | 0.000         | 88 | 24988    | 10.2            | 10.8              |       |
| 31 trans-1,2-Dichloroethene        | 61  | 6.933     | 6.927         | 0.005         | 94 | 86436    | 10.3            | 9.27              |       |
| 29 Methyl tert-butyl ether         | 73  | 6.949     | 6.943         | 0.006         | 93 | 130674   | 10.6            | 9.62              |       |
| 33 Hexane                          | 57  | 7.457     | 7.451         | 0.006         | 78 | 61798    | 10.5            | 9.34              |       |
| 34 1,1-Dichloroethane              | 63  | 7.660     | 7.655         | 0.005         | 81 | 89638    | 10.3            | 8.52              |       |

| Compound                       | Sig | RT (min.) | Adj RT (min.)  | Dlt RT (min.) | Q  | Response | Cal Amt ppb v/v | OnCol Amt ppb v/v | Flags |
|--------------------------------|-----|-----------|----------------|---------------|----|----------|-----------------|-------------------|-------|
| 35 Vinyl acetate               | 43  | 7.665     | 7.665          | 0.000         | 99 | 123786   | 10.1            | 12.5              |       |
| 38 2-Butanone (MEK)            | 72  | 8.602     | 8.585          | 0.017         | 99 | 19948    | 10.4            | 9.00              |       |
| 37 cis-1,2-Dichloroethene      | 96  | 8.628     | 8.623          | 0.005         | 94 | 58987    | 10.4            | 8.53              |       |
| 39 Ethyl acetate               | 88  | 8.703     | 8.708          | -0.005        | 97 | 3251     | 10.2            | 10.8              |       |
| * 40 Chlorobromomethane        | 128 | 9.030     | 9.029          | 0.001         | 80 | 78427    | 10.0            | 10.0              |       |
| 41 Tetrahydrofuran             | 42  | 9.110     | 9.104          | 0.006         | 84 | 48134    | 9.81            | 10.6              |       |
| 42 Chloroform                  | 83  | 9.217     | 9.211          | 0.006         | 95 | 157991   | 10.3            | 9.56              |       |
| 44 1,1,1-Trichloroethane       | 97  | 9.554     | 9.554          | 0.000         | 95 | 196936   | 10.3            | 10.2              |       |
| S 30 1,2-Dichloroethene, Total | 61  |           |                |               | 0  |          | 20.0            | 17.8              |       |
| 43 Cyclohexane                 | 84  | 9.720     | 9.725          | -0.005        | 87 | 70808    | 10.2            | 8.38              |       |
| 45 Carbon tetrachloride        | 117 | 9.859     | 9.853          | 0.006         | 96 | 239265   | 10.0            | 10.8              |       |
| 47 Benzene                     | 78  | 10.201    | 10.201         | 0.000         | 97 | 191153   | 10.4            | 8.97              |       |
| 48 1,2-Dichloroethane          | 62  | 10.260    | 10.255         | 0.006         | 95 | 114262   | 10.5            | 10.7              |       |
| 46 Isooctane                   | 57  | 10.490    | 10.490         | 0.000         | 92 | 267934   | 10.1            | 8.53              |       |
| 49 n-Heptane                   | 43  | 10.832    | 10.827         | 0.005         | 89 | 110355   | 10.3            | 8.68              |       |
| * 50 1,4-Difluorobenzene       | 114 | 11.009    | 11.003         | 0.006         | 95 | 444539   | 10.0            | 10.0              |       |
| 52 n-Butanol                   | 56  | 11.255    | 11.255         | 0.000         | 95 | 32035    | 9.11            | 7.35              |       |
| 53 Trichloroethene             | 95  | 11.496    | 11.496         | 0.000         | 94 | 139883   | 10.3            | 9.34              |       |
| 54 1,2-Dichloropropane         | 63  | 11.988    | 11.988         | 0.006         | 65 | 71977    | 10.3            | 8.20              | M     |
| 55 Methyl methacrylate         | 69  | 12.116    | 12.116         | 0.000         | 86 | 53494    | 10.2            | 7.91              |       |
| 56 1,4-Dioxane                 | 88  | 12.143    | 12.143         | 0.000         | 43 | 41440    | 10.3            | 9.19              |       |
| 57 Dibromomethane              | 174 | 12.143    | 12.143         | 0.000         | 92 | 140022   | 10.3            | 9.36              |       |
| A 51 GRO                       | 1   | 12.402    | (4.472-20.333) |               | 0  | 39836503 | 649.9           | 0                 |       |
| 58 Dichlorobromomethane        | 83  | 12.502    | 12.501         | 0.001         | 95 | 219655   | 10.3            | 9.79              |       |
| 60 cis-1,3-Dichloropropene     | 75  | 13.400    | 13.395         | 0.005         | 93 | 146036   | 9.94            | 9.28              |       |
| 61 4-Methyl-2-pentanone (MIBK) | 43  | 13.695    | 13.694         | 0.001         | 96 | 144599   | 10.2            | 8.30              |       |
| A 59 TVOC as Toluene           | 92  | 14.112    | (3.038-25.185) |               | 0  | 60285977 | 899.8           | 0                 |       |
| 65 Toluene                     | 92  | 14.117    | 14.112         | 0.005         | 92 | 160158   | 10.2            | 8.63              |       |
| 64 n-Octane                    | 43  | 14.454    | 14.449         | 0.005         | 91 | 169002   | 10.3            | 8.76              |       |
| 66 trans-1,3-Dichloropropene   | 75  | 14.545    | 14.545         | 0.000         | 94 | 126903   | 9.85            | 8.83              |       |
| 67 1,1,2-Trichloroethane       | 83  | 14.941    | 14.941         | 0.000         | 97 | 89690    | 10.5            | 8.81              |       |
| 68 Tetrachloroethene           | 166 | 15.198    | 15.198         | 0.000         | 93 | 202581   | 10.5            | 9.97              |       |
| 69 2-Hexanone                  | 43  | 15.406    | 15.412         | -0.006        | 91 | 136696   | 10.1            | 8.64              |       |
| 71 Chlorodibromomethane        | 129 | 15.727    | 15.727         | 0.000         | 96 | 267261   | 10.6            | 10.0              |       |
| 72 Ethylene Dibromide          | 107 | 15.974    | 15.979         | -0.005        | 95 | 188714   | 10.7            | 10.1              |       |
| * 74 Chlorobenzene-d5          | 117 | 16.969    | 16.968         | 0.001         | 88 | 422383   | 10.0            | 10.0              |       |
| 75 Chlorobenzene               | 112 | 17.027    | 17.033         | -0.006        | 94 | 252731   | 10.5            | 9.48              |       |
| 76 Ethylbenzene                | 91  | 17.257    | 17.257         | 0.000         | 99 | 347274   | 10.2            | 8.28              |       |
| 78 m-Xylene & p-Xylene         | 106 | 17.546    | 17.546         | 0.016         | 0  | 267628   | 20.0            | 17.7              | M     |
| 77 n-Nonane                    | 57  | 17.669    | 17.664         | 0.005         | 86 | 149592   | 10.5            | 8.84              |       |
| 79 o-Xylene                    | 106 | 18.349    | 18.349         | 0.000         | 97 | 131362   | 10.4            | 8.42              |       |
| 80 Styrene                     | 104 | 18.376    | 18.375         | 0.001         | 97 | 213209   | 10.3            | 9.21              |       |
| 81 Bromoform                   | 173 | 18.723    | 18.723         | 0.000         | 94 | 259973   | 10.3            | 11.0              |       |
| 82 Isopropylbenzene            | 105 | 19.135    | 19.135         | 0.000         | 97 | 397685   | 10.5            | 9.31              |       |
| S 73 Xylenes, Total            | 106 |           |                |               | 0  |          | 30.0            | 26.1              |       |
| 84 1,1,2,2-Tetrachloroethane   | 83  | 19.676    | 19.675         | 0.001         | 97 | 193208   | 10.3            | 8.17              |       |
| 86 1,2,3-Trichloropropane      | 75  | 19.777    | 19.777         | 0.000         | 94 | 160614   | 10.6            | 9.04              |       |
| 85 N-Propylbenzene             | 91  | 19.927    | 19.927         | 0.000         | 98 | 465213   | 10.4            | 9.09              |       |
| 89 2-Chlorotoluene             | 91  | 20.066    | 20.071         | -0.005        | 98 | 321815   | 10.4            | 9.33              |       |
| 88 4-Ethyltoluene              | 105 | 20.141    | 20.141         | 0.000         | 98 | 391972   | 10.2            | 9.19              |       |
| 90 1,3,5-Trimethylbenzene      | 105 | 20.248    | 20.248         | 0.000         | 92 | 344030   | 10.5            | 8.98              |       |
| 87 n-Decane                    | 57  | 20.328    | 20.323         | 0.005         | 92 | 171367   | 10.3            | 8.85              |       |

| Compound                   | Sig | RT (min.) | Adj RT (min.) | Dlt RT (min.) | Q  | Response | Cal Amt ppb v/v | OnCol Amt ppb v/v | Flags |
|----------------------------|-----|-----------|---------------|---------------|----|----------|-----------------|-------------------|-------|
| 91 Alpha Methyl Styrene    | 118 | 20.596    | 20.595        | 0.001         | 87 | 172223   | 10.2            | 9.35              |       |
| 92 tert-Butylbenzene       | 119 | 20.767    | 20.761        | 0.006         | 88 | 325959   | 10.4            | 9.29              |       |
| 93 1,2,4-Trimethylbenzene  | 105 | 20.852    | 20.852        | 0.000         | 98 | 346125   | 10.4            | 9.12              |       |
| 94 sec-Butylbenzene        | 105 | 21.109    | 21.109        | 0.000         | 97 | 468927   | 10.5            | 8.92              |       |
| 96 1,3-Dichlorobenzene     | 146 | 21.270    | 21.270        | 0.000         | 97 | 276621   | 10.2            | 9.92              |       |
| 95 4-Isopropyltoluene      | 119 | 21.339    | 21.339        | 0.000         | 96 | 409979   | 10.5            | 8.85              |       |
| 97 1,4-Dichlorobenzene     | 146 | 21.420    | 21.419        | 0.001         | 95 | 283598   | 10.4            | 10.0              |       |
| 98 Benzyl chloride         | 91  | 21.569    | 21.569        | 0.000         | 97 | 252675   | 10.2            | 8.94              |       |
| 100 n-Butylbenzene         | 91  | 21.912    | 21.912        | 0.000         | 97 | 358458   | 10.5            | 8.98              |       |
| 101 1,2-Dichlorobenzene    | 146 | 21.917    | 21.917        | 0.000         | 95 | 264875   | 10.8            | 9.60              |       |
| 99 Undecane                | 57  | 22.099    | 22.099        | 0.000         | 93 | 160754   | 10.7            | 8.24              |       |
| 102 Dodecane               | 57  | 23.666    | 23.666        | 0.000         | 93 | 123368   | 10.6            | 7.68              |       |
| 103 1,2,4-Trichlorobenzene | 180 | 24.324    | 24.324        | 0.000         | 94 | 226759   | 11.0            | 10.9              |       |
| 104 Hexachlorobutadiene    | 225 | 24.592    | 24.586        | 0.006         | 96 | 262662   | 10.8            | 9.96              |       |
| 105 Naphthalene            | 128 | 24.779    | 24.779        | 0.000         | 99 | 379765   | 10.5            | 9.37              |       |
| 106 1,2,3-Trichlorobenzene | 180 | 25.180    | 25.175        | 0.005         | 94 | 170298   | 10.9            | 8.51              |       |

**QC Flag Legend**

Processing Flags

Review Flags

M - Manually Integrated

**Reagents:**

ATTO15LCSW\_00817

Amount Added: 200.00

Units: mL

ATTO15GIS\_00017

Amount Added: 20.00

Units: mL

Run Reagent



Report Date: 21-Dec-2020 10:59:14

Chrom Revision: 2.3 09-Dec-2020 16:22:14

Eurofins TestAmerica, Burlington

Data File: \\chromfs\Burlington\ChromData\CHG.i\20201221-44158.b\200-44158-004.D

Injection Date: 21-Dec-2020 10:00:30

Instrument ID: CHG.i

Operator ID: ggg

Lims ID: lcs

Worklist Smp#: 4

Client ID:

Purge Vol: 200.000 mL

Dil. Factor: 1.0000

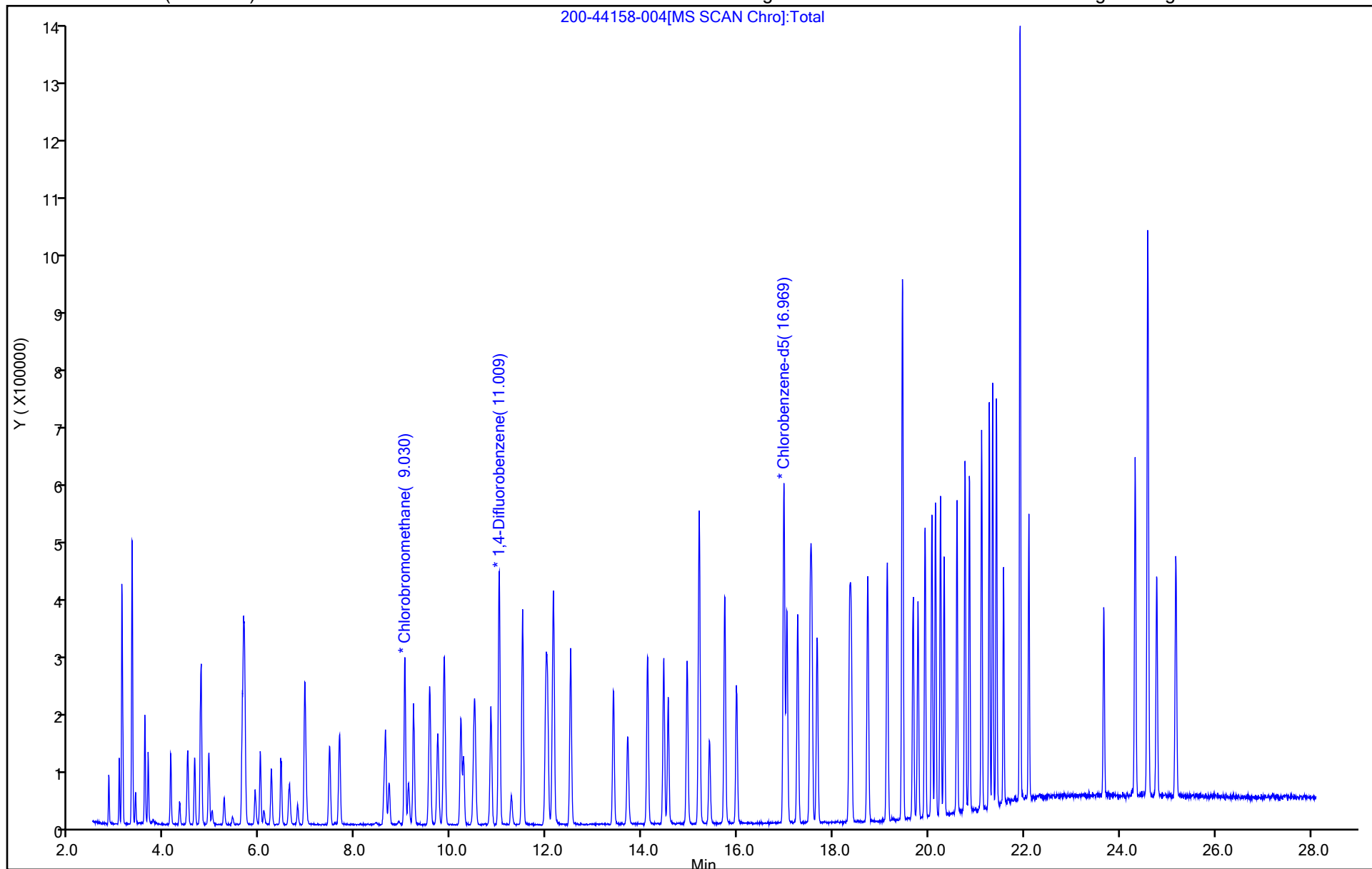
ALS Bottle#: 3

Method: TO15\_MasterMethod\_(v1)\_G

Limit Group: AI\_TO15\_ICAL

Column: RTX-624 (0.32 mm)

Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



## Eurofins TestAmerica, Burlington

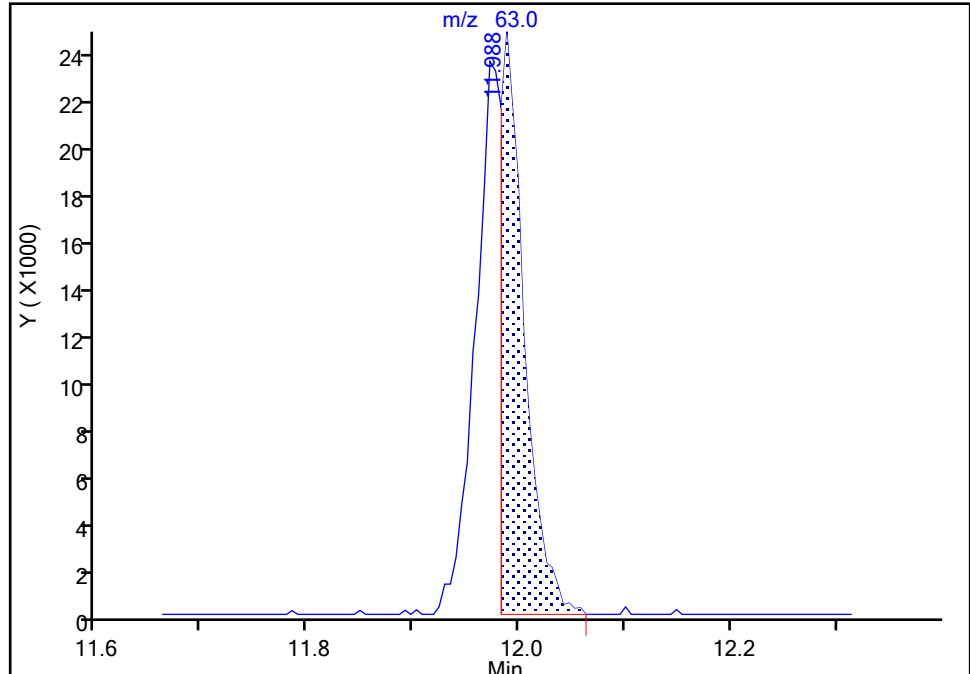
Data File: \\chromfs\Burlington\ChromData\CHG.i\20201221-44158.b\200-44158-004.D  
Injection Date: 21-Dec-2020 10:00:30 Instrument ID: CHG.i  
Lims ID: lcs  
Client ID:  
Operator ID: ggg ALS Bottle#: 3 Worklist Smp#: 4  
Purge Vol: 200.000 mL Dil. Factor: 1.0000  
Method: TO15\_MasterMethod\_(v1)\_G Limit Group: AI\_TO15\_ICAL  
Column: RTX-624 ( 0.32 mm) Detector: MS SCAN

## 54 1,2-Dichloropropane, CAS: 78-87-5

Signal: 1

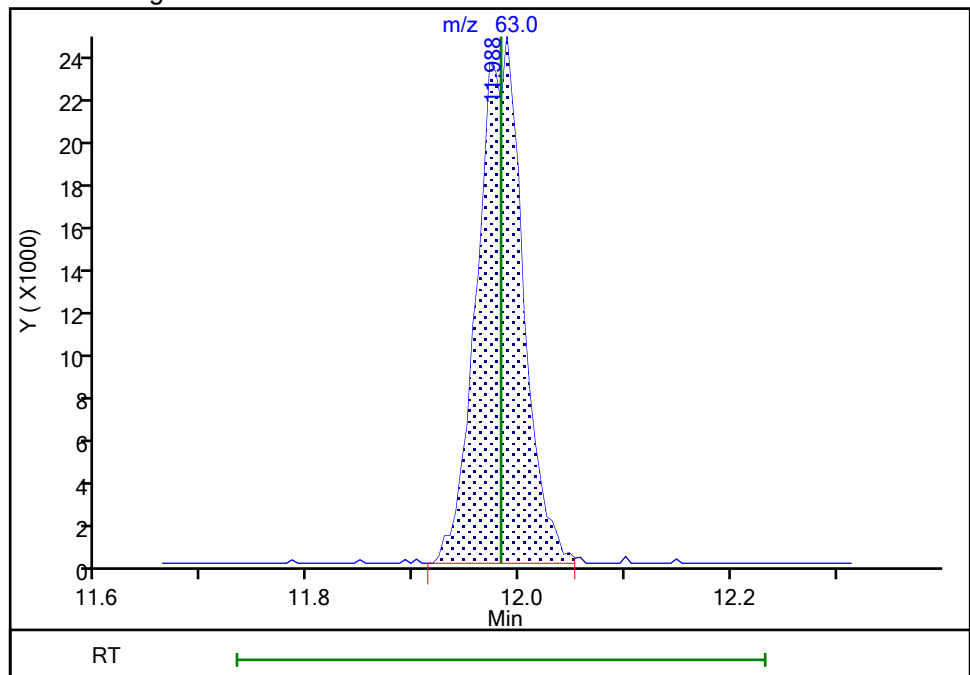
RT: 11.99  
Area: 38640  
Amount: 4.401492  
Amount Units: ppb v/v

## Processing Integration Results



RT: 11.99  
Area: 71977  
Amount: 8.198917  
Amount Units: ppb v/v

## Manual Integration Results



Reviewer: bourdeaut, 21-Dec-2020 10:58:52

Audit Action: Split an Integrated Peak

Audit Reason: Incomplete Integration

## Eurofins TestAmerica, Burlington

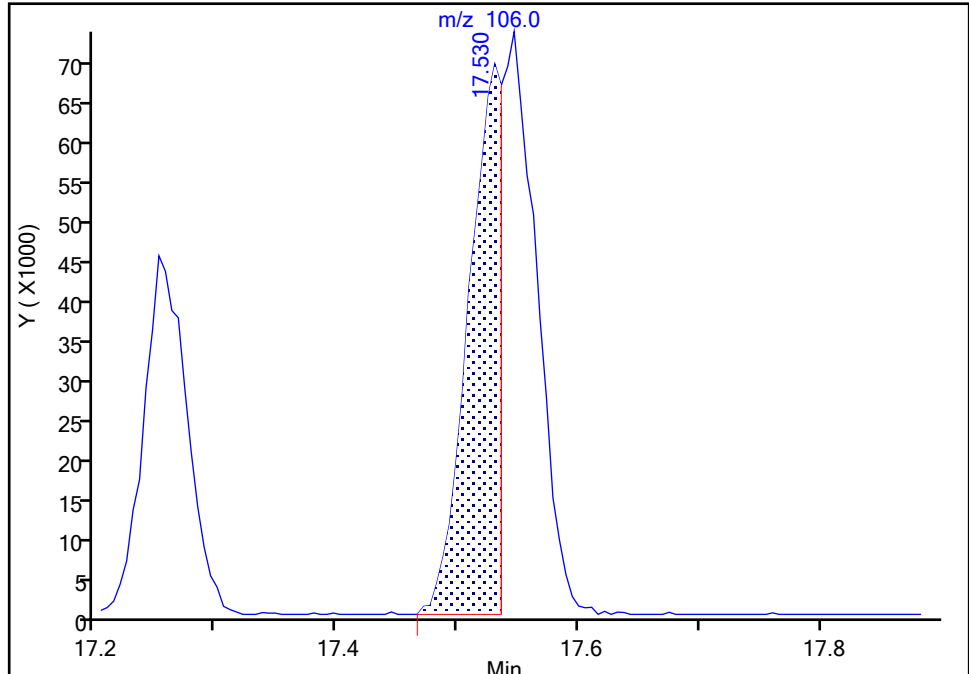
Data File: \\chromfs\Burlington\ChromData\CHG.i\20201221-44158.b\200-44158-004.D  
Injection Date: 21-Dec-2020 10:00:30 Instrument ID: CHG.i  
Lims ID: lcs  
Client ID:  
Operator ID: ggg ALS Bottle#: 3 Worklist Smp#: 4  
Purge Vol: 200.000 mL Dil. Factor: 1.0000  
Method: TO15\_MasterMethod\_(v1)\_G Limit Group: AI\_TO15\_ICAL  
Column: RTX-624 ( 0.32 mm) Detector: MS SCAN

**78 m-Xylene & p-Xylene, CAS: 179601-23-1**

Signal: 1

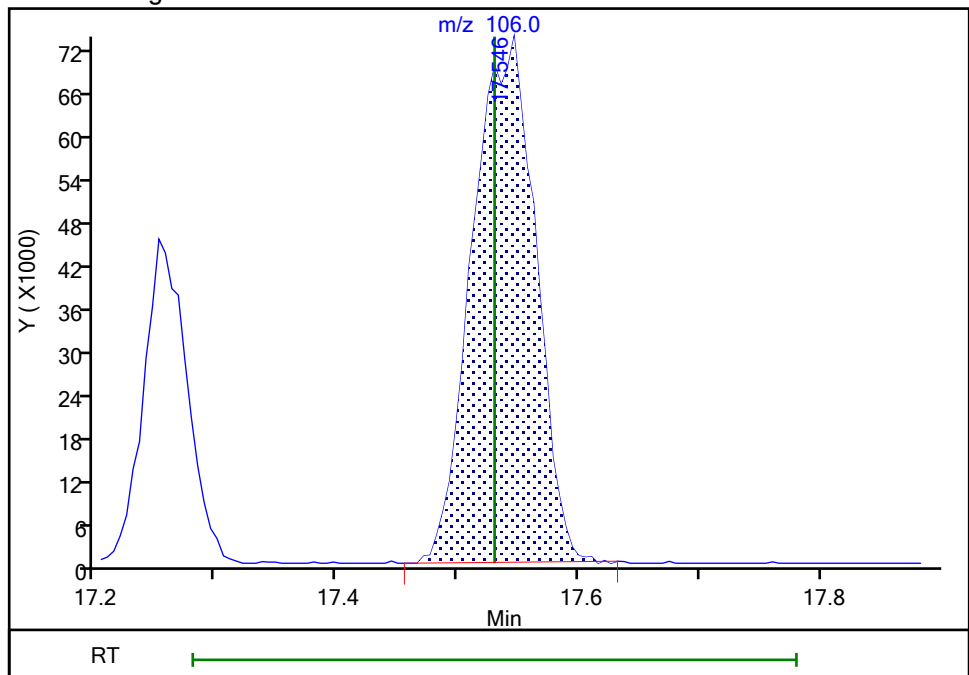
RT: 17.53  
Area: 135894  
Amount: 8.962392  
Amount Units: ppb v/v

## Processing Integration Results



RT: 17.55  
Area: 267628  
Amount: 17.650426  
Amount Units: ppb v/v

## Manual Integration Results



Reviewer: bourdeaut, 21-Dec-2020 10:58:30  
Audit Action: Manually Integrated

Audit Reason: Incomplete Integration  
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## AIR - GC/MS VOA ANALYSIS RUN LOG

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-56451-1SDG No.: 200-56451-1Instrument ID: CHG.i Start Date: 12/09/2020 10:43Analysis Batch Number: 161875 End Date: 12/09/2020 18:23

| LAB SAMPLE ID     | CLIENT SAMPLE ID | DATE ANALYZED    | DILUTION<br>FACTOR | LAB FILE ID     | COLUMN ID         |
|-------------------|------------------|------------------|--------------------|-----------------|-------------------|
| BFB 200-161875/1  |                  | 12/09/2020 10:43 | 1                  | 200-43976-001.D | RTX-624 0.32 (mm) |
| IC 200-161875/2   |                  | 12/09/2020 11:26 | 1                  | 200-43976-002.D | RTX-624 0.32 (mm) |
| IC 200-161875/3   |                  | 12/09/2020 12:18 | 1                  | 200-43976-003.D | RTX-624 0.32 (mm) |
| IC 200-161875/4   |                  | 12/09/2020 13:10 | 1                  | 200-43976-004.D | RTX-624 0.32 (mm) |
| IC 200-161875/5   |                  | 12/09/2020 14:03 | 1                  | 200-43976-005.D | RTX-624 0.32 (mm) |
| ICIS 200-161875/6 |                  | 12/09/2020 14:55 | 1                  | 200-43976-006.D | RTX-624 0.32 (mm) |
| IC 200-161875/7   |                  | 12/09/2020 15:47 | 1                  | 200-43976-007.D | RTX-624 0.32 (mm) |
| IC 200-161875/8   |                  | 12/09/2020 16:39 | 1                  | 200-43976-008.D | RTX-624 0.32 (mm) |
| IC 200-161875/9   |                  | 12/09/2020 17:31 | 1                  | 200-43976-009.D | RTX-624 0.32 (mm) |
| ICV 200-161875/10 |                  | 12/09/2020 18:23 | 1                  | 200-43976-010.D | RTX-624 0.32 (mm) |

## AIR - GC/MS VOA ANALYSIS RUN LOG

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-56451-1SDG No.: 200-56451-1Instrument ID: CHW.i Start Date: 12/10/2020 15:43Analysis Batch Number: 161965 End Date: 12/11/2020 07:16

| LAB SAMPLE ID      | CLIENT SAMPLE ID | DATE ANALYZED    | DILUTION<br>FACTOR | LAB FILE ID | COLUMN ID         |
|--------------------|------------------|------------------|--------------------|-------------|-------------------|
| BFB 200-161965/1   |                  | 12/10/2020 15:43 | 1                  | 44014-001.d | RTX-624 0.32 (mm) |
| IC 200-161965/4    |                  | 12/10/2020 18:26 | 1                  | 44014-004.d | RTX-624 0.32 (mm) |
| IC 200-161965/5    |                  | 12/10/2020 19:20 | 1                  | 44014-005.d | RTX-624 0.32 (mm) |
| ZZZZZ              |                  | 12/10/2020 19:20 | 1                  |             | RTX-624 0.32 (mm) |
| IC 200-161965/6    |                  | 12/10/2020 20:14 | 1                  | 44014-006.d | RTX-624 0.32 (mm) |
| IC 200-161965/7    |                  | 12/10/2020 21:09 | 1                  | 44014-007.d | RTX-624 0.32 (mm) |
| ZZZZZ              |                  | 12/10/2020 21:09 | 1                  |             | RTX-624 0.32 (mm) |
| IC 200-161965/9    |                  | 12/10/2020 22:59 | 1                  | 44014-009.d | RTX-624 0.32 (mm) |
| IC 200-161965/12   |                  | 12/11/2020 01:44 | 1                  | 44014-012.d | RTX-624 0.32 (mm) |
| IC 200-161965/13   |                  | 12/11/2020 02:39 | 1                  | 44014-013.d | RTX-624 0.32 (mm) |
| ICIS 200-161965/16 |                  | 12/11/2020 05:25 | 1                  | 44014-016.d | RTX-624 0.32 (mm) |
| ICV 200-161965/18  |                  | 12/11/2020 07:16 | 1                  | 44014-018.d | RTX-624 0.32 (mm) |

## AIR - GC/MS VOA ANALYSIS RUN LOG

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-56451-1SDG No.: 200-56451-1Instrument ID: CHC.i Start Date: 12/17/2020 16:26Analysis Batch Number: 162223 End Date: 12/18/2020 10:01

| LAB SAMPLE ID      | CLIENT SAMPLE ID | DATE ANALYZED    | DILUTION<br>FACTOR | LAB FILE ID | COLUMN ID         |
|--------------------|------------------|------------------|--------------------|-------------|-------------------|
| BFB 200-162223/1   |                  | 12/17/2020 16:26 | 1                  | 44129-01.D  | RTX-624 0.32 (mm) |
| IC 200-162223/2    |                  | 12/17/2020 17:10 | 1                  | 44129-02.D  | RTX-624 0.32 (mm) |
| IC 200-162223/3    |                  | 12/17/2020 18:04 | 1                  | 44129-03.D  | RTX-624 0.32 (mm) |
| IC 200-162223/4    |                  | 12/17/2020 18:58 | 1                  | 44129-04.D  | RTX-624 0.32 (mm) |
| IC 200-162223/5    |                  | 12/17/2020 19:52 | 1                  | 44129-05.D  | RTX-624 0.32 (mm) |
| ZZZZZ              |                  | 12/17/2020 20:47 | 1                  |             | RTX-624 0.32 (mm) |
| IC 200-162223/7    |                  | 12/17/2020 21:41 | 1                  | 44129-07.D  | RTX-624 0.32 (mm) |
| IC 200-162223/8    |                  | 12/17/2020 22:36 | 1                  | 44129-08.D  | RTX-624 0.32 (mm) |
| IC 200-162223/9    |                  | 12/17/2020 23:30 | 1                  | 44129-09.D  | RTX-624 0.32 (mm) |
| ICIS 200-162223/14 |                  | 12/18/2020 04:03 | 1                  | 44129-14.D  | RTX-624 0.32 (mm) |
| ICV 200-162223/19  |                  | 12/18/2020 10:01 | 1                  | 44129-19.D  | RTX-624 0.32 (mm) |

## AIR - GC/MS VOA ANALYSIS RUN LOG

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-56451-1SDG No.: 200-56451-1Instrument ID: CHW.i Start Date: 12/18/2020 08:23Analysis Batch Number: 162240 End Date: 12/19/2020 04:33

| LAB SAMPLE ID      | CLIENT SAMPLE ID | DATE ANALYZED    | DILUTION<br>FACTOR | LAB FILE ID | COLUMN ID         |
|--------------------|------------------|------------------|--------------------|-------------|-------------------|
| BFB 200-162240/1   |                  | 12/18/2020 08:23 | 1                  | 44134-001.d | RTX-624 0.32 (mm) |
| CCVIS 200-162240/2 |                  | 12/18/2020 09:18 | 1                  | 44134-002.d | RTX-624 0.32 (mm) |
| LCS 200-162240/3   |                  | 12/18/2020 10:13 | 1                  | 44134-003.d | RTX-624 0.32 (mm) |
| MB 200-162240/4    |                  | 12/18/2020 11:08 | 1                  | 44134-004.d | RTX-624 0.32 (mm) |
| ZZZZZ              |                  | 12/18/2020 12:18 | 0.2                |             | RTX-624 0.32 (mm) |
| ZZZZZ              |                  | 12/18/2020 13:11 | 10                 |             | RTX-624 0.32 (mm) |
| ZZZZZ              |                  | 12/18/2020 14:05 | 10                 |             | RTX-624 0.32 (mm) |
| ZZZZZ              |                  | 12/18/2020 14:58 | 10                 |             | RTX-624 0.32 (mm) |
| ZZZZZ              |                  | 12/18/2020 15:50 | 28.6               |             | RTX-624 0.32 (mm) |
| ZZZZZ              |                  | 12/18/2020 16:43 | 10                 |             | RTX-624 0.32 (mm) |
| ZZZZZ              |                  | 12/18/2020 17:35 | 28.6               |             | RTX-624 0.32 (mm) |
| ZZZZZ              |                  | 12/18/2020 18:30 | 1                  |             | RTX-624 0.32 (mm) |
| ZZZZZ              |                  | 12/18/2020 19:24 | 2                  |             | RTX-624 0.32 (mm) |
| ZZZZZ              |                  | 12/18/2020 20:19 | 1                  |             | RTX-624 0.32 (mm) |
| ZZZZZ              |                  | 12/18/2020 21:15 | 1                  |             | RTX-624 0.32 (mm) |
| ZZZZZ              |                  | 12/18/2020 22:09 | 2                  |             | RTX-624 0.32 (mm) |
| 200-56451-1        | SG-201           | 12/18/2020 23:04 | 1                  | 44134-017.d | RTX-624 0.32 (mm) |
| 200-56451-1 DL     | SG-201 DL        | 12/18/2020 23:57 | 4                  | 44134-018.d | RTX-624 0.32 (mm) |
| 200-56451-2        | SG-202           | 12/19/2020 00:52 | 1                  | 44134-019.d | RTX-624 0.32 (mm) |
| 200-56451-3        | SG-203           | 12/19/2020 01:48 | 1                  | 44134-020.d | RTX-624 0.32 (mm) |
| 200-56451-4        | SG-204           | 12/19/2020 02:44 | 1                  | 44134-021.d | RTX-624 0.32 (mm) |
| 200-56451-5        | SG-205           | 12/19/2020 03:40 | 1                  | 44134-022.d | RTX-624 0.32 (mm) |
| 200-56451-5 DL     | SG-205 DL        | 12/19/2020 04:33 | 15.4               | 44134-023.d | RTX-624 0.32 (mm) |

## AIR - GC/MS VOA ANALYSIS RUN LOG

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-56451-1SDG No.: 200-56451-1Instrument ID: CHC.i Start Date: 12/18/2020 11:10Analysis Batch Number: 162248 End Date: 12/19/2020 07:03

| LAB SAMPLE ID      | CLIENT SAMPLE ID | DATE ANALYZED    | DILUTION<br>FACTOR | LAB FILE ID | COLUMN ID         |
|--------------------|------------------|------------------|--------------------|-------------|-------------------|
| BFB 200-162248/1   |                  | 12/18/2020 11:10 | 1                  | 44136-01.D  | RTX-624 0.32 (mm) |
| CCVIS 200-162248/2 |                  | 12/18/2020 11:56 | 1                  | 44136-02.D  | RTX-624 0.32 (mm) |
| MB 200-162248/4    |                  | 12/18/2020 13:45 | 1                  | 44136-04.D  | RTX-624 0.32 (mm) |
| LCS 200-162248/5   |                  | 12/18/2020 14:40 | 1                  | 44136-05.D  | RTX-624 0.32 (mm) |
| ZZZZZ              |                  | 12/18/2020 15:34 | 1                  |             | RTX-624 0.32 (mm) |
| 200-56451-6        | SG-206           | 12/18/2020 16:29 | 1                  | 44136-07.D  | RTX-624 0.32 (mm) |
| ZZZZZ              |                  | 12/18/2020 17:23 | 2                  |             | RTX-624 0.32 (mm) |
| 200-56451-7        | SG-207           | 12/18/2020 18:17 | 1                  | 44136-09.D  | RTX-624 0.32 (mm) |
| 200-56451-8        | TRIP BLANK       | 12/18/2020 19:12 | 1                  | 44136-10.D  | RTX-624 0.32 (mm) |
| ZZZZZ              |                  | 12/18/2020 20:07 | 10                 |             | RTX-624 0.32 (mm) |
| ZZZZZ              |                  | 12/18/2020 21:02 | 10                 |             | RTX-624 0.32 (mm) |
| ZZZZZ              |                  | 12/18/2020 21:57 | 1                  |             | RTX-624 0.32 (mm) |
| ZZZZZ              |                  | 12/18/2020 22:51 | 1                  |             | RTX-624 0.32 (mm) |
| ZZZZZ              |                  | 12/18/2020 23:46 | 1                  |             | RTX-624 0.32 (mm) |
| ZZZZZ              |                  | 12/19/2020 00:40 | 10                 |             | RTX-624 0.32 (mm) |
| ZZZZZ              |                  | 12/19/2020 01:35 | 10                 |             | RTX-624 0.32 (mm) |
| ZZZZZ              |                  | 12/19/2020 02:30 | 10                 |             | RTX-624 0.32 (mm) |
| ZZZZZ              |                  | 12/19/2020 03:25 | 1                  |             | RTX-624 0.32 (mm) |
| ZZZZZ              |                  | 12/19/2020 04:20 | 1                  |             | RTX-624 0.32 (mm) |
| ZZZZZ              |                  | 12/19/2020 05:14 | 1                  |             | RTX-624 0.32 (mm) |
| ZZZZZ              |                  | 12/19/2020 06:09 | 10                 |             | RTX-624 0.32 (mm) |
| ZZZZZ              |                  | 12/19/2020 07:03 | 10                 |             | RTX-624 0.32 (mm) |



## AIR - GC/MS VOA ANALYSIS RUN LOG

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-56451-1SDG No.: 200-56451-1Instrument ID: CHG.i Start Date: 12/21/2020 07:32Analysis Batch Number: 162293 End Date: 12/22/2020 05:18

| LAB SAMPLE ID      | CLIENT SAMPLE ID | DATE ANALYZED    | DILUTION<br>FACTOR | LAB FILE ID     | COLUMN ID         |
|--------------------|------------------|------------------|--------------------|-----------------|-------------------|
| BFB 200-162293/1   |                  | 12/21/2020 07:32 | 1                  | 200-44158-001.D | RTX-624 0.32 (mm) |
| CCVIS 200-162293/3 |                  | 12/21/2020 09:08 | 1                  | 200-44158-003.D | RTX-624 0.32 (mm) |
| LCS 200-162293/4   |                  | 12/21/2020 10:00 | 1                  | 200-44158-004.D | RTX-624 0.32 (mm) |
| MB 200-162293/5    |                  | 12/21/2020 10:52 | 1                  | 200-44158-005.D | RTX-624 0.32 (mm) |
| ZZZZZ              |                  | 12/21/2020 11:46 | 0.2                |                 | RTX-624 0.32 (mm) |
| ZZZZZ              |                  | 12/21/2020 12:39 | 1                  |                 | RTX-624 0.32 (mm) |
| ZZZZZ              |                  | 12/21/2020 13:32 | 1                  |                 | RTX-624 0.32 (mm) |
| ZZZZZ              |                  | 12/21/2020 14:25 | 20                 |                 | RTX-624 0.32 (mm) |
| 200-56451-2 DL     | SG-202 DL        | 12/21/2020 15:18 | 2                  | 200-44158-010.D | RTX-624 0.32 (mm) |
| ZZZZZ              |                  | 12/21/2020 16:10 | 10                 |                 | RTX-624 0.32 (mm) |
| ZZZZZ              |                  | 12/21/2020 17:03 | 10                 |                 | RTX-624 0.32 (mm) |
| ZZZZZ              |                  | 12/21/2020 17:55 | 10                 |                 | RTX-624 0.32 (mm) |
| ZZZZZ              |                  | 12/21/2020 18:47 | 10                 |                 | RTX-624 0.32 (mm) |
| ZZZZZ              |                  | 12/21/2020 19:39 | 1                  |                 | RTX-624 0.32 (mm) |
| ZZZZZ              |                  | 12/21/2020 20:32 | 1                  |                 | RTX-624 0.32 (mm) |
| ZZZZZ              |                  | 12/21/2020 21:24 | 20                 |                 | RTX-624 0.32 (mm) |
| ZZZZZ              |                  | 12/21/2020 22:17 | 1                  |                 | RTX-624 0.32 (mm) |
| ZZZZZ              |                  | 12/21/2020 23:09 | 1                  |                 | RTX-624 0.32 (mm) |
| ZZZZZ              |                  | 12/22/2020 00:01 | 1                  |                 | RTX-624 0.32 (mm) |
| ZZZZZ              |                  | 12/22/2020 00:53 | 1                  |                 | RTX-624 0.32 (mm) |
| ZZZZZ              |                  | 12/22/2020 01:45 | 1                  |                 | RTX-624 0.32 (mm) |
| ZZZZZ              |                  | 12/22/2020 02:38 | 0.2                |                 | RTX-624 0.32 (mm) |
| ZZZZZ              |                  | 12/22/2020 03:30 | 0.2                |                 | RTX-624 0.32 (mm) |
| ZZZZZ              |                  | 12/22/2020 04:22 | 0.2                |                 | RTX-624 0.32 (mm) |
| ZZZZZ              |                  | 12/22/2020 05:18 | 0.2                |                 | RTX-624 0.32 (mm) |

## AIR - GC/MS VOA BATCH WORKSHEET

Lab Name: Eurofins TestAmerica, Burlingt Job No.: 200-56451-1

SDG No.: 200-56451-1

Batch Number: 161875

Batch Start Date: 12/09/20 10:43

Batch Analyst: Pham, Vu T

Batch Method: TO-15

Batch End Date:

| Lab Sample ID        | Client Sample ID | Method Chain | Basis | InitialPressure | FinalPressure | InitialAmount | FinalAmount | ATTO15CAL1w<br>00222 | ATTO15CAL2w<br>00296 |
|----------------------|------------------|--------------|-------|-----------------|---------------|---------------|-------------|----------------------|----------------------|
| BFB<br>200-161875/1  |                  | TO-15        |       | 1               | 1             | 200 mL        | 200 mL      |                      |                      |
| IC 200-161875/2      |                  | TO-15        |       | 1               | 1             | 200 mL        | 200 mL      | 35 mL                |                      |
| IC 200-161875/3      |                  | TO-15        |       | 1               | 1             | 200 mL        | 200 mL      |                      | 72 mL                |
| IC 200-161875/4      |                  | TO-15        |       | 1               | 1             | 200 mL        | 200 mL      |                      | 180 mL               |
| IC 200-161875/5      |                  | TO-15        |       | 1               | 1             | 200 mL        | 200 mL      |                      |                      |
| ICIS<br>200-161875/6 |                  | TO-15        |       | 1               | 1             | 200 mL        | 200 mL      |                      |                      |
| IC 200-161875/7      |                  | TO-15        |       | 1               | 1             | 200 mL        | 200 mL      |                      |                      |
| IC 200-161875/8      |                  | TO-15        |       | 1               | 1             | 200 mL        | 200 mL      |                      |                      |
| IC 200-161875/9      |                  | TO-15        |       | 1               | 1             | 200 mL        | 200 mL      |                      |                      |
| ICV<br>200-161875/10 |                  | TO-15        |       | 1               | 1             | 200 mL        | 200 mL      |                      |                      |

| Lab Sample ID        | Client Sample ID | Method Chain | Basis | ATTO15CAL3w<br>00228 | ATTO15CAL4w<br>00753 | ATTO15CAL5w<br>00100 | ATTO15CAL6w<br>00181 | ATTO15CAL7w<br>00100 | ATTO15GIS 00017 |
|----------------------|------------------|--------------|-------|----------------------|----------------------|----------------------|----------------------|----------------------|-----------------|
| BFB<br>200-161875/1  |                  | TO-15        |       |                      |                      |                      |                      |                      | 20 mL           |
| IC 200-161875/2      |                  | TO-15        |       |                      |                      |                      |                      |                      | 20 mL           |
| IC 200-161875/3      |                  | TO-15        |       |                      |                      |                      |                      |                      | 20 mL           |
| IC 200-161875/4      |                  | TO-15        |       |                      |                      |                      |                      |                      | 20 mL           |
| IC 200-161875/5      |                  | TO-15        |       | 180 mL               |                      |                      |                      |                      | 20 mL           |
| ICIS<br>200-161875/6 |                  | TO-15        |       |                      | 200 mL               |                      |                      |                      | 20 mL           |
| IC 200-161875/7      |                  | TO-15        |       |                      |                      | 200 mL               |                      |                      | 20 mL           |
| IC 200-161875/8      |                  | TO-15        |       |                      |                      |                      | 200 mL               |                      | 20 mL           |
| IC 200-161875/9      |                  | TO-15        |       |                      |                      |                      |                      | 200 mL               | 20 mL           |
| ICV<br>200-161875/10 |                  | TO-15        |       |                      |                      |                      |                      |                      | 20 mL           |

| Lab Sample ID       | Client Sample ID | Method Chain | Basis | ATTO15LCSW<br>00815 |  |  |  |  |  |
|---------------------|------------------|--------------|-------|---------------------|--|--|--|--|--|
| BFB<br>200-161875/1 |                  | TO-15        |       |                     |  |  |  |  |  |
| IC 200-161875/2     |                  | TO-15        |       |                     |  |  |  |  |  |

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.

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## AIR - GC/MS VOA BATCH WORKSHEET

Lab Name: Eurofins TestAmerica, Burlingt Job No.: 200-56451-1

SDG No.: 200-56451-1

Batch Number: 161875 Batch Start Date: 12/09/20 10:43 Batch Analyst: Pham, Vu T

Batch Method: TO-15 Batch End Date:

| Lab Sample ID        | Client Sample ID | Method Chain | Basis | ATT015LCSW<br>00815 |  |  |  |  |  |
|----------------------|------------------|--------------|-------|---------------------|--|--|--|--|--|
| IC 200-161875/3      |                  | TO-15        |       |                     |  |  |  |  |  |
| IC 200-161875/4      |                  | TO-15        |       |                     |  |  |  |  |  |
| IC 200-161875/5      |                  | TO-15        |       |                     |  |  |  |  |  |
| ICIS<br>200-161875/6 |                  | TO-15        |       |                     |  |  |  |  |  |
| IC 200-161875/7      |                  | TO-15        |       |                     |  |  |  |  |  |
| IC 200-161875/8      |                  | TO-15        |       |                     |  |  |  |  |  |
| IC 200-161875/9      |                  | TO-15        |       |                     |  |  |  |  |  |
| ICV<br>200-161875/10 |                  | TO-15        |       | 200 mL              |  |  |  |  |  |

| Batch Notes |  |
|-------------|--|
|             |  |
|             |  |

| 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.

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## AIR - GC/MS VOA BATCH WORKSHEET

Lab Name: Eurofins TestAmerica, Burlingt Job No.: 200-56451-1

SDG No.: 200-56451-1

Batch Number: 161965

Batch Start Date: 12/10/20 15:43

Batch Analyst: Guazzoni, Gabriel G

Batch Method: TO-15

Batch End Date:

| Lab Sample ID         | Client Sample ID | Method Chain | Basis | InitialPressure | FinalPressure | InitialAmount | FinalAmount | ATTO15CAL1w<br>00222 | ATTO15CAL2w<br>00296 |
|-----------------------|------------------|--------------|-------|-----------------|---------------|---------------|-------------|----------------------|----------------------|
| BFB<br>200-161965/1   |                  | TO-15        |       | 1               | 1             | 200 mL        | 200 mL      |                      |                      |
| IC 200-161965/4       |                  | TO-15        |       | 1               | 1             | 200 mL        | 200 mL      | 35 mL                |                      |
| IC 200-161965/5       |                  | TO-15        |       | 1               | 1             | 200 mL        | 200 mL      | 180 mL               |                      |
| IC 200-161965/6       |                  | TO-15        |       | 1               | 1             | 200 mL        | 200 mL      |                      | 180 mL               |
| IC 200-161965/7       |                  | TO-15        |       | 1               | 1             | 200 mL        | 200 mL      |                      |                      |
| IC 200-161965/9       |                  | TO-15        |       | 1               | 1             | 200 mL        | 200 mL      |                      |                      |
| IC<br>200-161965/12   |                  | TO-15        |       | 1               | 1             | 200 mL        | 200 mL      |                      |                      |
| IC<br>200-161965/13   |                  | TO-15        |       | 1               | 1             | 200 mL        | 200 mL      |                      |                      |
| ICIS<br>200-161965/16 |                  | TO-15        |       | 1               | 1             | 200 mL        | 200 mL      |                      |                      |
| ICV<br>200-161965/18  |                  | TO-15        |       | 1               | 1             | 200 mL        | 200 mL      |                      |                      |

| Lab Sample ID         | Client Sample ID | Method Chain | Basis | ATTO15CAL3w<br>00228 | ATTO15CAL4w<br>00753 | ATTO15CAL5w<br>00100 | ATTO15CAL6w<br>00181 | ATTO15CAL7w<br>00100 | ATTO15LCSW<br>00815 |
|-----------------------|------------------|--------------|-------|----------------------|----------------------|----------------------|----------------------|----------------------|---------------------|
| BFB<br>200-161965/1   |                  | TO-15        |       |                      |                      |                      |                      |                      |                     |
| IC 200-161965/4       |                  | TO-15        |       |                      |                      |                      |                      |                      |                     |
| IC 200-161965/5       |                  | TO-15        |       |                      |                      |                      |                      |                      |                     |
| IC 200-161965/6       |                  | TO-15        |       |                      |                      |                      |                      |                      |                     |
| IC 200-161965/7       |                  | TO-15        |       | 180 mL               |                      |                      |                      |                      |                     |
| IC 200-161965/9       |                  | TO-15        |       |                      |                      | 200 mL               |                      |                      |                     |
| IC<br>200-161965/12   |                  | TO-15        |       |                      |                      |                      | 200 mL               |                      |                     |
| IC<br>200-161965/13   |                  | TO-15        |       |                      |                      |                      |                      | 200 mL               |                     |
| ICIS<br>200-161965/16 |                  | TO-15        |       |                      | 200 mL               |                      |                      |                      |                     |
| ICV<br>200-161965/18  |                  | TO-15        |       |                      |                      |                      |                      |                      | 200 mL              |

| Lab Sample ID | Client Sample ID | Method Chain | Basis | ATTO15WISS<br>00009 |  |  |  |  |  |
|---------------|------------------|--------------|-------|---------------------|--|--|--|--|--|
|---------------|------------------|--------------|-------|---------------------|--|--|--|--|--|

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.

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## AIR - GC/MS VOA BATCH WORKSHEET

Lab Name: Eurofins TestAmerica, Burlingt Job No.: 200-56451-1

SDG No.: 200-56451-1

Batch Number: 161965 Batch Start Date: 12/10/20 15:43 Batch Analyst: Guazzoni, Gabriel G

Batch Method: TO-15 Batch End Date:

| Lab Sample ID         | Client Sample ID | Method Chain | Basis | ATTO15WISS<br>00009 |  |  |  |  |  |
|-----------------------|------------------|--------------|-------|---------------------|--|--|--|--|--|
| BFB<br>200-161965/1   |                  | TO-15        |       | 20 mL               |  |  |  |  |  |
| IC 200-161965/4       |                  | TO-15        |       | 20 mL               |  |  |  |  |  |
| IC 200-161965/5       |                  | TO-15        |       | 20 mL               |  |  |  |  |  |
| IC 200-161965/6       |                  | TO-15        |       | 20 mL               |  |  |  |  |  |
| IC 200-161965/7       |                  | TO-15        |       | 20 mL               |  |  |  |  |  |
| IC 200-161965/9       |                  | TO-15        |       | 20 mL               |  |  |  |  |  |
| IC<br>200-161965/12   |                  | TO-15        |       | 20 mL               |  |  |  |  |  |
| IC<br>200-161965/13   |                  | TO-15        |       | 20 mL               |  |  |  |  |  |
| ICIS<br>200-161965/16 |                  | TO-15        |       | 20 mL               |  |  |  |  |  |
| ICV<br>200-161965/18  |                  | TO-15        |       | 20 mL               |  |  |  |  |  |

| Batch Notes |  |
|-------------|--|
|             |  |

| 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.

TO-15

Page 2 of 2

AIR - GC/MS VOA BATCH WORKSHEET

Lab Name: Eurofins TestAmerica, Burlingt Job No.: 200-56451-1

SDG No.: 200-56451-1

Batch Number: 162223 Batch Start Date: 12/17/20 16:26 Batch Analyst: Pham, Vu T

Batch Method: TO-15 Batch End Date:

| Lab Sample ID         | Client Sample ID | Method Chain | Basis | InitialPressure | FinalPressure | InitialAmount | FinalAmount | ATTO15CAL1w<br>00224 | ATTO15CAL2w<br>00298 |
|-----------------------|------------------|--------------|-------|-----------------|---------------|---------------|-------------|----------------------|----------------------|
| BFB<br>200-162223/1   |                  | TO-15        |       | 1               | 1             | 200 mL        | 200 mL      |                      |                      |
| IC 200-162223/2       |                  | TO-15        |       | 1               | 1             | 200 mL        | 200 mL      | 35 mL                |                      |
| IC 200-162223/3       |                  | TO-15        |       | 1               | 1             | 200 mL        | 200 mL      | 180 mL               |                      |
| IC 200-162223/4       |                  | TO-15        |       | 1               | 1             | 200 mL        | 200 mL      |                      | 180 mL               |
| IC 200-162223/5       |                  | TO-15        |       | 1               | 1             | 200 mL        | 200 mL      |                      |                      |
| IC 200-162223/7       |                  | TO-15        |       | 1               | 1             | 200 mL        | 200 mL      |                      |                      |
| IC 200-162223/8       |                  | TO-15        |       | 1               | 1             | 200 mL        | 200 mL      |                      |                      |
| IC 200-162223/9       |                  | TO-15        |       | 1               | 1             | 200 mL        | 200 mL      |                      |                      |
| ICIS<br>200-162223/14 |                  | TO-15        |       | 1               | 1             | 200 mL        | 200 mL      |                      |                      |
| ICV<br>200-162223/19  |                  | TO-15        |       | 1               | 1             | 200 mL        | 200 mL      |                      |                      |

| Lab Sample ID         | Client Sample ID | Method Chain | Basis | ATTO15CAL3w<br>00230 | ATTO15CAL4w<br>00756 | ATTO15CAL5w<br>00102 | ATTO15CAL6w<br>00184 | ATTO15CAL7w<br>00102 | ATTO15CISs<br>00010 |
|-----------------------|------------------|--------------|-------|----------------------|----------------------|----------------------|----------------------|----------------------|---------------------|
| BFB<br>200-162223/1   |                  | TO-15        |       |                      |                      |                      |                      |                      | 40 mL               |
| IC 200-162223/2       |                  | TO-15        |       |                      |                      |                      |                      |                      | 40 mL               |
| IC 200-162223/3       |                  | TO-15        |       |                      |                      |                      |                      |                      | 40 mL               |
| IC 200-162223/4       |                  | TO-15        |       |                      |                      |                      |                      |                      | 40 mL               |
| IC 200-162223/5       |                  | TO-15        |       | 180 mL               |                      |                      |                      |                      | 40 mL               |
| IC 200-162223/7       |                  | TO-15        |       |                      |                      | 200 mL               |                      |                      | 40 mL               |
| IC 200-162223/8       |                  | TO-15        |       |                      |                      |                      | 200 mL               |                      | 40 mL               |
| IC 200-162223/9       |                  | TO-15        |       |                      |                      |                      |                      | 200 mL               | 40 mL               |
| ICIS<br>200-162223/14 |                  | TO-15        |       |                      | 200 mL               |                      |                      |                      | 40 mL               |
| ICV<br>200-162223/19  |                  | TO-15        |       |                      |                      |                      |                      |                      | 40 mL               |

| Lab Sample ID       | Client Sample ID | Method Chain | Basis | ATTO15LCSW<br>00817 |  |  |  |  |  |
|---------------------|------------------|--------------|-------|---------------------|--|--|--|--|--|
| BFB<br>200-162223/1 |                  | TO-15        |       |                     |  |  |  |  |  |
| IC 200-162223/2     |                  | TO-15        |       |                     |  |  |  |  |  |

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 TestAmerica, Burlingt Job No.: 200-56451-1

SDG No.: 200-56451-1

Batch Number: 162223 Batch Start Date: 12/17/20 16:26 Batch Analyst: Pham, Vu T

Batch Method: TO-15 Batch End Date:

| Lab Sample ID         | Client Sample ID | Method Chain | Basis | ATTO15LCSW<br>00817 |  |  |  |  |  |
|-----------------------|------------------|--------------|-------|---------------------|--|--|--|--|--|
| IC 200-162223/3       |                  | TO-15        |       |                     |  |  |  |  |  |
| IC 200-162223/4       |                  | TO-15        |       |                     |  |  |  |  |  |
| IC 200-162223/5       |                  | TO-15        |       |                     |  |  |  |  |  |
| IC 200-162223/7       |                  | TO-15        |       |                     |  |  |  |  |  |
| IC 200-162223/8       |                  | TO-15        |       |                     |  |  |  |  |  |
| IC 200-162223/9       |                  | TO-15        |       |                     |  |  |  |  |  |
| ICIS<br>200-162223/14 |                  | TO-15        |       |                     |  |  |  |  |  |
| ICV<br>200-162223/19  |                  | TO-15        |       | 200 mL              |  |  |  |  |  |

| Batch Notes |  |
|-------------|--|
|             |  |
|             |  |

| 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.

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# AIR - GC/MS VOA BATCH WORKSHEET

Lab Name: Eurofins TestAmerica, Burlingt Job No.: 200-56451-1

SDG No.: 200-56451-1

Batch Number: 162240 Batch Start Date: 12/18/20 08:23 Batch Analyst: Bunma, Arthit 1

Batch Method: TO-15 Batch End Date:

| Lab Sample ID         | Client Sample ID | Method Chain | Basis | InitialPressure | FinalPressure | InitialAmount | FinalAmount | ATTO15CAL4w<br>00756 | ATTO15LCSW<br>00817 |
|-----------------------|------------------|--------------|-------|-----------------|---------------|---------------|-------------|----------------------|---------------------|
| BFB<br>200-162240/1   |                  | TO-15        |       | 1               | 1             | 200 mL        | 200 mL      |                      |                     |
| CCVIS<br>200-162240/2 |                  | TO-15        |       | 1               | 1             | 200 mL        | 200 mL      | 200 mL               |                     |
| LCS<br>200-162240/3   |                  | TO-15        |       | 1               | 1             | 200 mL        | 200 mL      |                      | 200 mL              |
| MB 200-162240/4       |                  | TO-15        |       | 1               | 1             | 200 mL        | 200 mL      |                      |                     |
| 200-56451-A-1         | SG-201           | TO-15        | T     | 1               | 1             | 200 mL        | 200 mL      |                      |                     |
| 200-56451-A-1         | SG-201           | TO-15        | T     | 1               | 1             | 50 mL         | 200 mL      |                      |                     |
| 200-56451-A-2         | SG-202           | TO-15        | T     | 1               | 1             | 200 mL        | 200 mL      |                      |                     |
| 200-56451-A-3         | SG-203           | TO-15        | T     | 1               | 1             | 200 mL        | 200 mL      |                      |                     |
| 200-56451-A-4         | SG-204           | TO-15        | T     | 1               | 1             | 200 mL        | 200 mL      |                      |                     |
| 200-56451-A-5         | SG-205           | TO-15        | T     | 1               | 1             | 200 mL        | 200 mL      |                      |                     |
| 200-56451-A-5         | SG-205           | TO-15        | T     | 1               | 1             | 13 mL         | 200 mL      |                      |                     |

| Lab Sample ID         | Client Sample ID | Method Chain | Basis | ATTO15WISS<br>00009 | AnalysisComment                          |  |  |  |  |
|-----------------------|------------------|--------------|-------|---------------------|------------------------------------------|--|--|--|--|
| BFB<br>200-162240/1   |                  | TO-15        |       | 20 mL               |                                          |  |  |  |  |
| CCVIS<br>200-162240/2 |                  | TO-15        |       | 20 mL               |                                          |  |  |  |  |
| LCS<br>200-162240/3   |                  | TO-15        |       | 20 mL               |                                          |  |  |  |  |
| MB 200-162240/4       |                  | TO-15        |       | 20 mL               |                                          |  |  |  |  |
| 200-56451-A-1         | SG-201           | TO-15        | T     | 20 mL               |                                          |  |  |  |  |
| 200-56451-A-1         | SG-201           | TO-15        | T     | 20 mL               |                                          |  |  |  |  |
| 200-56451-A-2         | SG-202           | TO-15        | T     | 20 mL               | Butane exceeded<br>calibration<br>range. |  |  |  |  |
| 200-56451-A-3         | SG-203           | TO-15        | T     | 20 mL               |                                          |  |  |  |  |
| 200-56451-A-4         | SG-204           | TO-15        | T     | 20 mL               |                                          |  |  |  |  |
| 200-56451-A-5         | SG-205           | TO-15        | T     | 20 mL               |                                          |  |  |  |  |
| 200-56451-A-5         | SG-205           | TO-15        | T     | 20 mL               |                                          |  |  |  |  |

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 TestAmerica, Burlingt Job No.: 200-56451-1SDG No.: 200-56451-1Batch Number: 162240 Batch Start Date: 12/18/20 08:23 Batch Analyst: Bunma, Arthit 1Batch Method: TO-15 Batch End Date: \_\_\_\_\_

| 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.

TO-15

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## AIR - GC/MS VOA BATCH WORKSHEET

Lab Name: Eurofins TestAmerica, Burlingt Job No.: 200-56451-1

SDG No.: 200-56451-1

Batch Number: 162248 Batch Start Date: 12/18/20 11:10 Batch Analyst: Puangmalee, Kesanee 1

Batch Method: TO-15 Batch End Date:

| Lab Sample ID         | Client Sample ID | Method Chain | Basis | InitialPressure | FinalPressure | InitialAmount | FinalAmount | ATTO15CAL4w<br>00756 | ATTO15CISs<br>00010 |
|-----------------------|------------------|--------------|-------|-----------------|---------------|---------------|-------------|----------------------|---------------------|
| BFB<br>200-162248/1   |                  | TO-15        |       | 1               | 1             | 200 mL        | 200 mL      |                      | 40 mL               |
| CCVIS<br>200-162248/2 |                  | TO-15        |       | 1               | 1             | 200 mL        | 200 mL      | 200 mL               | 40 mL               |
| MB 200-162248/4       |                  | TO-15        |       | 1               | 1             | 200 mL        | 200 mL      |                      | 40 mL               |
| LCS<br>200-162248/5   |                  | TO-15        |       | 1               | 1             | 200 mL        | 200 mL      |                      | 40 mL               |
| 200-56451-A-6         | SG-206           | TO-15        | T     | 1               | 1             | 200 mL        | 200 mL      |                      | 40 mL               |
| 200-56451-A-7         | SG-207           | TO-15        | T     | 1               | 1             | 200 mL        | 200 mL      |                      | 40 mL               |
| 200-56451-A-8         | TRIP BLANK       | TO-15        | T     | 1               | 1             | 200 mL        | 200 mL      |                      | 40 mL               |

| Lab Sample ID         | Client Sample ID | Method Chain | Basis | ATTO15LCSW<br>00817 |  |  |  |  |  |
|-----------------------|------------------|--------------|-------|---------------------|--|--|--|--|--|
| BFB<br>200-162248/1   |                  | TO-15        |       |                     |  |  |  |  |  |
| CCVIS<br>200-162248/2 |                  | TO-15        |       |                     |  |  |  |  |  |
| MB 200-162248/4       |                  | TO-15        |       |                     |  |  |  |  |  |
| LCS<br>200-162248/5   |                  | TO-15        |       | 200 mL              |  |  |  |  |  |
| 200-56451-A-6         | SG-206           | TO-15        | T     |                     |  |  |  |  |  |
| 200-56451-A-7         | SG-207           | TO-15        | T     |                     |  |  |  |  |  |
| 200-56451-A-8         | TRIP BLANK       | TO-15        | T     |                     |  |  |  |  |  |

| 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.

## AIR - GC/MS VOA BATCH WORKSHEET

Lab Name: Eurofins TestAmerica, Burlingt Job No.: 200-56451-1

SDG No.: 200-56451-1

Batch Number: 162293 Batch Start Date: 12/21/20 07:32 Batch Analyst: Bourdeau, Timothy P

Batch Method: TO-15 Batch End Date:

| Lab Sample ID         | Client Sample ID | Method Chain | Basis | InitialPressure | FinalPressure | InitialAmount | FinalAmount | ATTO15CAL4w<br>00756 | ATTO15GIS 00017 |
|-----------------------|------------------|--------------|-------|-----------------|---------------|---------------|-------------|----------------------|-----------------|
| BFB<br>200-162293/1   |                  | TO-15        |       | 1               | 1             | 200 mL        | 200 mL      |                      | 20 mL           |
| CCVIS<br>200-162293/3 |                  | TO-15        |       | 1               | 1             | 200 mL        | 200 mL      | 200 mL               | 20 mL           |
| LCS<br>200-162293/4   |                  | TO-15        |       | 1               | 1             | 200 mL        | 200 mL      |                      | 20 mL           |
| MB 200-162293/5       |                  | TO-15        |       | 1               | 1             | 200 mL        | 200 mL      |                      | 20 mL           |
| 200-56451-A-2         | SG-202           | TO-15        | T     | 1               | 1             | 100 mL        | 200 mL      |                      | 20 mL           |

| Lab Sample ID         | Client Sample ID | Method Chain | Basis | ATTO15LCSW<br>00817 |  |  |  |  |  |
|-----------------------|------------------|--------------|-------|---------------------|--|--|--|--|--|
| BFB<br>200-162293/1   |                  | TO-15        |       |                     |  |  |  |  |  |
| CCVIS<br>200-162293/3 |                  | TO-15        |       |                     |  |  |  |  |  |
| LCS<br>200-162293/4   |                  | TO-15        |       | 200 mL              |  |  |  |  |  |
| MB 200-162293/5       |                  | TO-15        |       |                     |  |  |  |  |  |
| 200-56451-A-2         | SG-202           | TO-15        | T     |                     |  |  |  |  |  |

| 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.

[illegible]

<sup>4</sup> 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: |
|-----------|---------|----------|--------------------------|----------------------|------------|----------|---------------------|
| Top Rack  | 10      | 25       | 11/20/2020 1709          | 22                   | SML        | 6 liter  | batch               |

| Port | Can ID | Initial <sup>1</sup><br>(psia) | Final<br>(psia) | Diff. <sup>3</sup> | Final<br>("Hg) | Initial Reading |          |       | Final Reading |       |        |         |       |       |       |
|------|--------|--------------------------------|-----------------|--------------------|----------------|-----------------|----------|-------|---------------|-------|--------|---------|-------|-------|-------|
|      |        |                                |                 |                    |                | Gauge:          | Date:    | Time: | Tech:         | Temp: | Gauge: | Date:   | Time: | Tech: | Temp: |
| 1    | 9279   | 103                            | 103             | 0                  | 29.5           | G26             | 11/21/20 | 1259  | 5             | 22.0  | G26    | 12/5/20 | 1218  | 5     | 22.0  |
| 2    | 3037   | 119                            | 119             | 0                  | 29.5           | G26             | 11/21/20 | 1259  | 5             | 22.0  | G26    | 12/5/20 | 1218  | 5     | 22.0  |
| 3    | 5099   | 103                            | 103             | 0                  | 29.4           | G26             | 12/5/20  | 1300  | 5             | 22.0  | G26    | 12/6/20 | 1456  | 5     | 22.0  |
| 4    | 3477   | 103                            | 103             | 0                  | 29.5           | G26             | 11/21/20 | 1259  | 5             | 22.0  | G26    | 12/5/20 | 1218  | 5     | 22.0  |
| 5    | 5458   | 103                            | 103             | 0                  | 29.5           | G26             | 11/21/20 | 1259  | 5             | 22.0  | G26    | 12/5/20 | 1218  | 5     | 22.0  |
| 6    | 3369   | 124                            | 124             | 0                  | 29.5           | G26             | 11/21/20 | 1259  | 5             | 22.0  | G26    | 12/5/20 | 1218  | 5     | 22.0  |
| 7    | 9264   | 103                            | 103             | 0                  | 29.5           | G26             | 11/21/20 | 1259  | 5             | 22.0  | G26    | 12/5/20 | 1218  | 5     | 22.0  |
| 8    | 4488   | 103                            | 103             | 0                  | 29.5           | G26             | 11/21/20 | 1259  | 5             | 22.0  | G26    | 12/5/20 | 1218  | 5     | 22.0  |
| 9    | 4083   | 103                            | 103             | 0                  | 29.5           | G26             | 11/21/20 | 1259  | 5             | 22.0  | G26    | 12/5/20 | 1218  | 5     | 22.0  |
| 10   | 5426   | 103                            | 103             | 0                  | 29.5           | G26             | 11/21/20 | 1259  | 5             | 22.0  | G26    | 12/5/20 | 1218  | 5     | 22.0  |
| 11   | 5121   | 103                            | 103             | 0                  | 29.5           | G26             | 11/21/20 | 1259  | 5             | 22.0  | G26    | 12/5/20 | 1218  | 5     | 22.0  |
| 12   | 4345   | 103                            | 103             | 0                  | 29.5           | G26             | 11/21/20 | 1259  | 5             | 22.0  | G26    | 12/5/20 | 1218  | 5     | 22.0  |

<sup>1</sup> 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.

<sup>3</sup> 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.

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

Secondary Review

Review Date

Limited

4

3

2

1

Analyst

Att

Sequence

43776

Date

11/24/2020

Can ID

5099

Review

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11/24/2020

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## Canister Cleaning & Pre-Shipment Leak Test

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.  
 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:

<sup>3</sup> 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.

## PM Authorization

## Clean Canister Certification Analysis & Authorization of Release to Inventory

## Review

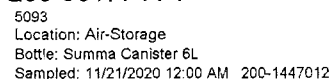
| Inventory Level                                                           | Comments |
|---------------------------------------------------------------------------|----------|
| Inventory Level 1: Individual Canister Certification (TO15LL 0.01).       |          |
| Inventory Level 2: Individual or 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):**

Form ID: FAI023:12

Revision Date: 12/18/2018

TestAmerica Burlington



## #4 A Air-Storage



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

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-56158-1  
SDG No.: \_\_\_\_\_  
Matrix: Air Level: Low Lab File ID: 43776-03.D  
Lab ID: LCS 200-161395/3 Client ID: \_\_\_\_\_

| COMPOUND                      | SPIKE<br>ADDED<br>(ppb v/v) | LCS<br>CONCENTRATION<br>(ppb v/v) | LCS<br>%<br>REC | QC<br>LIMITS<br>REC | # |
|-------------------------------|-----------------------------|-----------------------------------|-----------------|---------------------|---|
| Propylene                     | 10.1                        | 10.2                              | 101             | 50-158              |   |
| Dichlorodifluoromethane       | 10.6                        | 12.1                              | 115             | 61-142              |   |
| Freon 22                      | 10.6                        | 11.7                              | 110             | 60-147              |   |
| 1,2-Dichlorotetrafluoroethane | 10.6                        | 11.8                              | 111             | 71-141              |   |
| Chloromethane                 | 9.94                        | 12.3                              | 124             | 56-141              |   |
| n-Butane                      | 10.3                        | 12.4                              | 121             | 53-151              |   |
| Vinyl chloride                | 9.99                        | 10.6                              | 106             | 61-135              |   |
| 1,3-Butadiene                 | 9.70                        | 10.1                              | 104             | 58-139              |   |
| Bromomethane                  | 10.4                        | 11.2                              | 108             | 72-124              |   |
| Chloroethane                  | 10.6                        | 12.3                              | 116             | 68-130              |   |
| Bromoethene (Vinyl Bromide)   | 10.0                        | 11.2                              | 112             | 75-125              |   |
| Trichlorofluoromethane        | 10.4                        | 12.5                              | 120             | 70-129              |   |
| Ethanol                       | 15.0                        | 17.2                              | 114             | 50-150              |   |
| Freon TF                      | 10.7                        | 12.0                              | 113             | 70-121              |   |
| 1,1-Dichloroethene            | 10.2                        | 10.8                              | 106             | 68-120              |   |
| Acetone                       | 10.4                        | 13.2                              | 127             | 54-154              |   |
| Isopropyl alcohol             | 10.2                        | 13.1                              | 129             | 53-142              |   |
| Carbon disulfide              | 10.4                        | 11.7                              | 113             | 71-138              |   |
| 3-Chloropropene               | 10.7                        | 13.9                              | 130             | 50-150              |   |
| Methylene Chloride            | 10.2                        | 13.0                              | 127             | 59-137              |   |
| tert-Butyl alcohol            | 10.8                        | 12.5                              | 116             | 66-132              |   |
| Methyl tert-butyl ether       | 10.6                        | 11.9                              | 113             | 70-127              |   |
| trans-1,2-Dichloroethene      | 10.3                        | 12.2                              | 119             | 69-137              |   |
| n-Hexane                      | 10.5                        | 11.6                              | 111             | 63-138              |   |
| 1,1-Dichloroethane            | 10.3                        | 11.2                              | 109             | 66-130              |   |
| Vinyl acetate                 | 10.1                        | 14.5                              | 144             | 59-149              |   |
| Ethyl acetate                 | 10.2                        | 11.2                              | 110             | 70-131              |   |
| Methyl Ethyl Ketone           | 10.4                        | 10.9                              | 105             | 72-124              |   |
| cis-1,2-Dichloroethene        | 10.4                        | 9.56                              | 92              | 72-121              |   |
| Chloroform                    | 10.3                        | 11.1                              | 108             | 73-124              |   |
| Tetrahydrofuran               | 9.81                        | 12.3                              | 125             | 60-149              |   |
| 1,1,1-Trichloroethane         | 10.3                        | 12.1                              | 117             | 72-127              |   |
| Cyclohexane                   | 10.2                        | 10.9                              | 106             | 76-124              |   |
| Carbon tetrachloride          | 10.0                        | 12.4                              | 123             | 71-133              |   |
| 2,2,4-Trimethylpentane        | 10.1                        | 11.1                              | 109             | 68-131              |   |
| Benzene                       | 10.4                        | 10.7                              | 103             | 73-119              |   |
| 1,2-Dichloroethane            | 10.5                        | 12.7                              | 122             | 68-135              |   |
| n-Heptane                     | 10.3                        | 11.6                              | 113             | 60-142              |   |
| Trichloroethene               | 10.3                        | 10.1                              | 98              | 73-122              |   |
| Methyl methacrylate           | 10.2                        | 9.79                              | 96              | 73-129              |   |
| 1,2-Dichloropropane           | 10.3                        | 9.88                              | 95              | 69-128              |   |
| 1,4-Dioxane                   | 10.3                        | 10.6                              | 103             | 66-129              |   |

# Column to be used to flag recovery and RPD values



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

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-56158-1  
 SDG No.: \_\_\_\_\_  
 Matrix: Air Level: Low Lab File ID: 43776-03.D  
 Lab ID: LCS 200-161395/3 Client ID: \_\_\_\_\_

| COMPOUND                            | SPIKE<br>ADDED<br>(ppb v/v) | LCS<br>CONCENTRATION<br>(ppb v/v) | LCS<br>%<br>REC | QC<br>LIMITS<br>REC | # |
|-------------------------------------|-----------------------------|-----------------------------------|-----------------|---------------------|---|
| Bromodichloromethane                | 10.3                        | 11.3                              | 109             | 75-127              |   |
| cis-1,3-Dichloropropene             | 9.94                        | 10.3                              | 103             | 74-125              |   |
| methyl isobutyl ketone              | 10.2                        | 10.3                              | 101             | 58-144              |   |
| Toluene                             | 10.2                        | 10.1                              | 99              | 75-122              |   |
| trans-1,3-Dichloropropene           | 9.85                        | 10.2                              | 104             | 74-128              |   |
| 1,1,2-Trichloroethane               | 10.5                        | 10.3                              | 98              | 75-126              |   |
| Tetrachloroethene                   | 10.5                        | 9.81                              | 94              | 70-125              |   |
| Methyl Butyl Ketone<br>(2-Hexanone) | 10.1                        | 10.3                              | 102             | 57-143              |   |
| Dibromochloromethane                | 10.6                        | 10.6                              | 100             | 73-125              |   |
| 1,2-Dibromoethane                   | 10.7                        | 10.8                              | 101             | 78-122              |   |
| Chlorobenzene                       | 10.5                        | 10.3                              | 99              | 76-119              |   |
| Ethylbenzene                        | 10.2                        | 10.6                              | 104             | 74-122              |   |
| m,p-Xylene                          | 20.0                        | 21.0                              | 105             | 76-121              |   |
| Xylene, o-                          | 10.4                        | 10.4                              | 100             | 73-123              |   |
| Styrene                             | 10.3                        | 10.4                              | 102             | 74-125              |   |
| Bromoform                           | 10.3                        | 12.8                              | 124             | 53-149              |   |
| Cumene                              | 10.5                        | 10.9                              | 104             | 73-123              |   |
| 1,1,2,2-Tetrachloroethane           | 10.3                        | 10.7                              | 103             | 74-126              |   |
| n-Propylbenzene                     | 10.4                        | 11.0                              | 107             | 73-127              |   |
| 4-Ethyltoluene                      | 10.2                        | 11.1                              | 109             | 75-129              |   |
| 1,3,5-Trimethylbenzene              | 10.5                        | 11.3                              | 108             | 72-126              |   |
| 2-Chlorotoluene                     | 10.4                        | 11.5                              | 110             | 74-126              |   |
| tert-Butylbenzene                   | 10.4                        | 11.2                              | 108             | 71-125              |   |
| 1,2,4-Trimethylbenzene              | 10.4                        | 11.5                              | 110             | 71-129              |   |
| sec-Butylbenzene                    | 10.5                        | 11.4                              | 109             | 70-128              |   |
| 4-Isopropyltoluene                  | 10.5                        | 11.4                              | 108             | 68-130              |   |
| 1,3-Dichlorobenzene                 | 10.2                        | 11.3                              | 111             | 69-131              |   |
| 1,4-Dichlorobenzene                 | 10.4                        | 11.2                              | 108             | 67-132              |   |
| Benzyl chloride                     | 10.2                        | 11.3                              | 111             | 60-136              |   |
| n-Butylbenzene                      | 10.5                        | 11.8                              | 112             | 65-137              |   |
| 1,2-Dichlorobenzene                 | 10.8                        | 11.4                              | 106             | 68-129              |   |
| 1,2,4-Trichlorobenzene              | 11.0                        | 13.4                              | 122             | 50-150              |   |
| Hexachlorobutadiene                 | 10.8                        | 12.5                              | 116             | 58-130              |   |
| Naphthalene                         | 10.5                        | 12.3                              | 117             | 50-150              |   |

# Column to be used to flag recovery and RPD values

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

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-56177-1  
SDG No.: \_\_\_\_\_  
Matrix: Air Level: Low Lab File ID: 43775-03.D  
Lab ID: LCS 200-161394/3 Client ID: \_\_\_\_\_

| COMPOUND                      | SPIKE<br>ADDED<br>(ppb v/v) | LCS<br>CONCENTRATION<br>(ppb v/v) | LCS<br>%<br>REC | QC<br>LIMITS<br>REC | # |
|-------------------------------|-----------------------------|-----------------------------------|-----------------|---------------------|---|
| Propylene                     | 10.1                        | 10.5                              | 104             | 50-158              |   |
| Dichlorodifluoromethane       | 10.6                        | 11.9                              | 113             | 61-142              |   |
| Freon 22                      | 10.6                        | 12.4                              | 117             | 60-147              |   |
| 1,2-Dichlorotetrafluoroethane | 10.6                        | 12.5                              | 118             | 71-141              |   |
| Chloromethane                 | 9.94                        | 12.8                              | 129             | 56-141              |   |
| n-Butane                      | 10.3                        | 9.95                              | 97              | 53-151              |   |
| Vinyl chloride                | 9.99                        | 9.15                              | 92              | 61-135              |   |
| 1,3-Butadiene                 | 9.70                        | 8.73                              | 90              | 58-139              |   |
| Bromomethane                  | 10.4                        | 10.5                              | 101             | 72-124              |   |
| Chloroethane                  | 10.6                        | 10.1                              | 95              | 68-130              |   |
| Bromoethene (Vinyl Bromide)   | 10.0                        | 9.94                              | 99              | 75-125              |   |
| Trichlorofluoromethane        | 10.4                        | 11.0                              | 106             | 70-129              |   |
| Ethanol                       | 15.0                        | 16.4                              | 109             | 50-150              |   |
| Freon TF                      | 10.7                        | 10.4                              | 97              | 70-121              |   |
| 1,1-Dichloroethene            | 10.2                        | 9.45                              | 93              | 68-120              |   |
| Acetone                       | 10.4                        | 10.6                              | 101             | 54-154              |   |
| Isopropyl alcohol             | 10.2                        | 10.9                              | 108             | 53-142              |   |
| Carbon disulfide              | 10.4                        | 10.4                              | 100             | 71-138              |   |
| 3-Chloropropene               | 10.7                        | 10.1                              | 94              | 50-150              |   |
| Methylene Chloride            | 10.2                        | 9.60                              | 94              | 59-137              |   |
| tert-Butyl alcohol            | 10.8                        | 11.2                              | 104             | 66-132              |   |
| Methyl tert-butyl ether       | 10.6                        | 10.2                              | 96              | 70-127              |   |
| trans-1,2-Dichloroethene      | 10.3                        | 9.22                              | 89              | 69-137              |   |
| n-Hexane                      | 10.5                        | 9.98                              | 95              | 63-138              |   |
| 1,1-Dichloroethane            | 10.3                        | 8.81                              | 86              | 66-130              |   |
| Vinyl acetate                 | 10.1                        | 8.71                              | 87              | 59-149              |   |
| Ethyl acetate                 | 10.2                        | 9.91                              | 97              | 70-131              |   |
| Methyl Ethyl Ketone           | 10.4                        | 8.49                              | 82              | 72-124              |   |
| cis-1,2-Dichloroethene        | 10.4                        | 9.00                              | 87              | 72-121              |   |
| Chloroform                    | 10.3                        | 9.74                              | 94              | 73-124              |   |
| Tetrahydrofuran               | 9.81                        | 9.37                              | 96              | 60-149              |   |
| 1,1,1-Trichloroethane         | 10.3                        | 9.67                              | 94              | 72-127              |   |
| Cyclohexane                   | 10.2                        | 9.29                              | 91              | 76-124              |   |
| Carbon tetrachloride          | 10.0                        | 9.00                              | 90              | 71-133              |   |
| 2,2,4-Trimethylpentane        | 10.1                        | 9.74                              | 96              | 68-131              |   |
| Benzene                       | 10.4                        | 9.66                              | 93              | 73-119              |   |
| 1,2-Dichloroethane            | 10.5                        | 9.32                              | 89              | 68-135              |   |
| n-Heptane                     | 10.3                        | 9.59                              | 93              | 60-142              |   |
| Trichloroethene               | 10.3                        | 9.56                              | 93              | 73-122              |   |
| Methyl methacrylate           | 10.2                        | 9.30                              | 91              | 73-129              |   |
| 1,2-Dichloropropane           | 10.3                        | 9.39                              | 91              | 69-128              |   |
| 1,4-Dioxane                   | 10.3                        | 10.8                              | 105             | 66-129              |   |

# Column to be used to flag recovery and RPD values

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

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-56177-1

SDG No.: \_\_\_\_\_

Matrix: Air Level: Low Lab File ID: 43775-03.D

Lab ID: LCS 200-161394/3 Client ID: \_\_\_\_\_

| COMPOUND                            | SPIKE<br>ADDED<br>(ppb v/v) | LCS<br>CONCENTRATION<br>(ppb v/v) | LCS<br>%<br>REC | QC<br>LIMITS<br>REC | # |
|-------------------------------------|-----------------------------|-----------------------------------|-----------------|---------------------|---|
| Bromodichloromethane                | 10.3                        | 10.3                              | 100             | 75-127              |   |
| cis-1,3-Dichloropropene             | 9.94                        | 9.80                              | 99              | 74-125              |   |
| methyl isobutyl ketone              | 10.2                        | 9.45                              | 93              | 58-144              |   |
| Toluene                             | 10.2                        | 9.19                              | 90              | 75-122              |   |
| trans-1,3-Dichloropropene           | 9.85                        | 9.43                              | 96              | 74-128              |   |
| 1,1,2-Trichloroethane               | 10.5                        | 9.37                              | 89              | 75-126              |   |
| Tetrachloroethene                   | 10.5                        | 8.64                              | 82              | 70-125              |   |
| Methyl Butyl Ketone<br>(2-Hexanone) | 10.1                        | 8.46                              | 84              | 57-143              |   |
| Dibromochloromethane                | 10.6                        | 9.33                              | 88              | 73-125              |   |
| 1,2-Dibromoethane                   | 10.7                        | 9.75                              | 91              | 78-122              |   |
| Chlorobenzene                       | 10.5                        | 9.52                              | 91              | 76-119              |   |
| Ethylbenzene                        | 10.2                        | 9.52                              | 93              | 74-122              |   |
| m,p-Xylene                          | 20.0                        | 19.2                              | 96              | 76-121              |   |
| Xylene, o-                          | 10.4                        | 9.58                              | 92              | 73-123              |   |
| Styrene                             | 10.3                        | 9.68                              | 94              | 74-125              |   |
| Bromoform                           | 10.3                        | 11.0                              | 107             | 53-149              |   |
| Cumene                              | 10.5                        | 9.84                              | 94              | 73-123              |   |
| 1,1,2,2-Tetrachloroethane           | 10.3                        | 8.98                              | 87              | 74-126              |   |
| n-Propylbenzene                     | 10.4                        | 10.0                              | 97              | 73-127              |   |
| 4-Ethyltoluene                      | 10.2                        | 9.93                              | 97              | 75-129              |   |
| 1,3,5-Trimethylbenzene              | 10.5                        | 9.76                              | 93              | 72-126              |   |
| 2-Chlorotoluene                     | 10.4                        | 9.87                              | 95              | 74-126              |   |
| tert-Butylbenzene                   | 10.4                        | 9.61                              | 92              | 71-125              |   |
| 1,2,4-Trimethylbenzene              | 10.4                        | 9.77                              | 94              | 71-129              |   |
| sec-Butylbenzene                    | 10.5                        | 9.94                              | 95              | 70-128              |   |
| 4-Isopropyltoluene                  | 10.5                        | 9.84                              | 94              | 68-130              |   |
| 1,3-Dichlorobenzene                 | 10.2                        | 10.3                              | 101             | 69-131              |   |
| 1,4-Dichlorobenzene                 | 10.4                        | 10.3                              | 99              | 67-132              |   |
| Benzyl chloride                     | 10.2                        | 10.7                              | 105             | 60-136              |   |
| n-Butylbenzene                      | 10.5                        | 10.1                              | 96              | 65-137              |   |
| 1,2-Dichlorobenzene                 | 10.8                        | 10.0                              | 93              | 68-129              |   |
| 1,2,4-Trichlorobenzene              | 11.0                        | 9.61                              | 88              | 50-150              |   |
| Hexachlorobutadiene                 | 10.8                        | 9.19                              | 85              | 58-130              |   |
| Naphthalene                         | 10.5                        | 8.38                              | 80              | 50-150              |   |

# Column to be used to flag recovery and RPD values

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

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-56178-1  
SDG No.: \_\_\_\_\_  
Matrix: Air Level: Low Lab File ID: 43775-03.D  
Lab ID: LCS 200-161394/3 Client ID: \_\_\_\_\_

| COMPOUND                      | SPIKE<br>ADDED<br>(ppb v/v) | LCS<br>CONCENTRATION<br>(ppb v/v) | LCS<br>%<br>REC | QC<br>LIMITS<br>REC | # |
|-------------------------------|-----------------------------|-----------------------------------|-----------------|---------------------|---|
| Propylene                     | 10.1                        | 10.5                              | 104             | 50-158              |   |
| Dichlorodifluoromethane       | 10.6                        | 11.9                              | 113             | 61-142              |   |
| Freon 22                      | 10.6                        | 12.4                              | 117             | 60-147              |   |
| 1,2-Dichlorotetrafluoroethane | 10.6                        | 12.5                              | 118             | 71-141              |   |
| Chloromethane                 | 9.94                        | 12.8                              | 129             | 56-141              |   |
| n-Butane                      | 10.3                        | 9.95                              | 97              | 53-151              |   |
| Vinyl chloride                | 9.99                        | 9.15                              | 92              | 61-135              |   |
| 1,3-Butadiene                 | 9.70                        | 8.73                              | 90              | 58-139              |   |
| Bromomethane                  | 10.4                        | 10.5                              | 101             | 72-124              |   |
| Chloroethane                  | 10.6                        | 10.1                              | 95              | 68-130              |   |
| Bromoethene (Vinyl Bromide)   | 10.0                        | 9.94                              | 99              | 75-125              |   |
| Trichlorofluoromethane        | 10.4                        | 11.0                              | 106             | 70-129              |   |
| Ethanol                       | 15.0                        | 16.4                              | 109             | 50-150              |   |
| Freon TF                      | 10.7                        | 10.4                              | 97              | 70-121              |   |
| 1,1-Dichloroethene            | 10.2                        | 9.45                              | 93              | 68-120              |   |
| Acetone                       | 10.4                        | 10.6                              | 101             | 54-154              |   |
| Isopropyl alcohol             | 10.2                        | 10.9                              | 108             | 53-142              |   |
| Carbon disulfide              | 10.4                        | 10.4                              | 100             | 71-138              |   |
| 3-Chloropropene               | 10.7                        | 10.1                              | 94              | 50-150              |   |
| Methylene Chloride            | 10.2                        | 9.60                              | 94              | 59-137              |   |
| tert-Butyl alcohol            | 10.8                        | 11.2                              | 104             | 66-132              |   |
| Methyl tert-butyl ether       | 10.6                        | 10.2                              | 96              | 70-127              |   |
| trans-1,2-Dichloroethene      | 10.3                        | 9.22                              | 89              | 69-137              |   |
| n-Hexane                      | 10.5                        | 9.98                              | 95              | 63-138              |   |
| 1,1-Dichloroethane            | 10.3                        | 8.81                              | 86              | 66-130              |   |
| Vinyl acetate                 | 10.1                        | 8.71                              | 87              | 59-149              |   |
| Ethyl acetate                 | 10.2                        | 9.91                              | 97              | 70-131              |   |
| Methyl Ethyl Ketone           | 10.4                        | 8.49                              | 82              | 72-124              |   |
| cis-1,2-Dichloroethene        | 10.4                        | 9.00                              | 87              | 72-121              |   |
| Chloroform                    | 10.3                        | 9.74                              | 94              | 73-124              |   |
| Tetrahydrofuran               | 9.81                        | 9.37                              | 96              | 60-149              |   |
| 1,1,1-Trichloroethane         | 10.3                        | 9.67                              | 94              | 72-127              |   |
| Cyclohexane                   | 10.2                        | 9.29                              | 91              | 76-124              |   |
| Carbon tetrachloride          | 10.0                        | 9.00                              | 90              | 71-133              |   |
| 2,2,4-Trimethylpentane        | 10.1                        | 9.74                              | 96              | 68-131              |   |
| Benzene                       | 10.4                        | 9.66                              | 93              | 73-119              |   |
| 1,2-Dichloroethane            | 10.5                        | 9.32                              | 89              | 68-135              |   |
| n-Heptane                     | 10.3                        | 9.59                              | 93              | 60-142              |   |
| Trichloroethene               | 10.3                        | 9.56                              | 93              | 73-122              |   |
| Methyl methacrylate           | 10.2                        | 9.30                              | 91              | 73-129              |   |
| 1,2-Dichloropropane           | 10.3                        | 9.39                              | 91              | 69-128              |   |
| 1,4-Dioxane                   | 10.3                        | 10.8                              | 105             | 66-129              |   |

# Column to be used to flag recovery and RPD values

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

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-56178-1  
 SDG No.: \_\_\_\_\_  
 Matrix: Air Level: Low Lab File ID: 43775-03.D  
 Lab ID: LCS 200-161394/3 Client ID: \_\_\_\_\_

| COMPOUND                            | SPIKE<br>ADDED<br>(ppb v/v) | LCS<br>CONCENTRATION<br>(ppb v/v) | LCS<br>%<br>REC | QC<br>LIMITS<br>REC | # |
|-------------------------------------|-----------------------------|-----------------------------------|-----------------|---------------------|---|
| Bromodichloromethane                | 10.3                        | 10.3                              | 100             | 75-127              |   |
| cis-1,3-Dichloropropene             | 9.94                        | 9.80                              | 99              | 74-125              |   |
| methyl isobutyl ketone              | 10.2                        | 9.45                              | 93              | 58-144              |   |
| Toluene                             | 10.2                        | 9.19                              | 90              | 75-122              |   |
| trans-1,3-Dichloropropene           | 9.85                        | 9.43                              | 96              | 74-128              |   |
| 1,1,2-Trichloroethane               | 10.5                        | 9.37                              | 89              | 75-126              |   |
| Tetrachloroethene                   | 10.5                        | 8.64                              | 82              | 70-125              |   |
| Methyl Butyl Ketone<br>(2-Hexanone) | 10.1                        | 8.46                              | 84              | 57-143              |   |
| Dibromochloromethane                | 10.6                        | 9.33                              | 88              | 73-125              |   |
| 1,2-Dibromoethane                   | 10.7                        | 9.75                              | 91              | 78-122              |   |
| Chlorobenzene                       | 10.5                        | 9.52                              | 91              | 76-119              |   |
| Ethylbenzene                        | 10.2                        | 9.52                              | 93              | 74-122              |   |
| m,p-Xylene                          | 20.0                        | 19.2                              | 96              | 76-121              |   |
| Xylene, o-                          | 10.4                        | 9.58                              | 92              | 73-123              |   |
| Styrene                             | 10.3                        | 9.68                              | 94              | 74-125              |   |
| Bromoform                           | 10.3                        | 11.0                              | 107             | 53-149              |   |
| Cumene                              | 10.5                        | 9.84                              | 94              | 73-123              |   |
| 1,1,2,2-Tetrachloroethane           | 10.3                        | 8.98                              | 87              | 74-126              |   |
| n-Propylbenzene                     | 10.4                        | 10.0                              | 97              | 73-127              |   |
| 4-Ethyltoluene                      | 10.2                        | 9.93                              | 97              | 75-129              |   |
| 1,3,5-Trimethylbenzene              | 10.5                        | 9.76                              | 93              | 72-126              |   |
| 2-Chlorotoluene                     | 10.4                        | 9.87                              | 95              | 74-126              |   |
| tert-Butylbenzene                   | 10.4                        | 9.61                              | 92              | 71-125              |   |
| 1,2,4-Trimethylbenzene              | 10.4                        | 9.77                              | 94              | 71-129              |   |
| sec-Butylbenzene                    | 10.5                        | 9.94                              | 95              | 70-128              |   |
| 4-Isopropyltoluene                  | 10.5                        | 9.84                              | 94              | 68-130              |   |
| 1,3-Dichlorobenzene                 | 10.2                        | 10.3                              | 101             | 69-131              |   |
| 1,4-Dichlorobenzene                 | 10.4                        | 10.3                              | 99              | 67-132              |   |
| Benzyl chloride                     | 10.2                        | 10.7                              | 105             | 60-136              |   |
| n-Butylbenzene                      | 10.5                        | 10.1                              | 96              | 65-137              |   |
| 1,2-Dichlorobenzene                 | 10.8                        | 10.0                              | 93              | 68-129              |   |
| 1,2,4-Trichlorobenzene              | 11.0                        | 9.61                              | 88              | 50-150              |   |
| Hexachlorobutadiene                 | 10.8                        | 9.19                              | 85              | 58-130              |   |
| Naphthalene                         | 10.5                        | 8.38                              | 80              | 50-150              |   |

# Column to be used to flag recovery and RPD values

FORM IV  
AIR - GC/MS VOA METHOD BLANK SUMMARY

Lab Name: Eurofins TestAmerica, Burlington      Job No.: 200-56158-1  
SDG No.: \_\_\_\_\_  
Lab File ID: 43776-04.D      Lab Sample ID: MB 200-161395/4  
Matrix: Air      Heated Purge: (Y/N) N  
Instrument ID: CHC.i      Date Analyzed: 11/23/2020 12:11  
GC Column: RTX-624      ID: 0.32 (mm)

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

| CLIENT SAMPLE ID | LAB SAMPLE ID    | LAB<br>FILE ID | DATE ANALYZED    |
|------------------|------------------|----------------|------------------|
|                  | LCS 200-161395/3 | 43776-03.D     | 11/23/2020 11:17 |
| 5099             | 200-56158-3      | 43776-15.D     | 11/23/2020 22:28 |

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

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-56158-1  
 SDG No.: \_\_\_\_\_  
 Client Sample ID: \_\_\_\_\_ Lab Sample ID: MB 200-161395/4  
 Matrix: Air Lab File ID: 43776-04.D  
 Analysis Method: TO-15 Date Collected: \_\_\_\_\_  
 Sample wt/vol: 200 (mL) Date Analyzed: 11/23/2020 12:11  
 Soil Aliquot Vol: \_\_\_\_\_ Dilution Factor: 1  
 Soil Extract Vol.: \_\_\_\_\_ GC Column: RTX-624 ID: 0.32 (mm)  
 % Moisture: \_\_\_\_\_ Level: (low/med) Low  
 Analysis Batch No.: 161395 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                      | 0.20   | U | 0.20 | 0.20 |
| 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 |
| 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 |

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

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-56158-1  
 SDG No.: \_\_\_\_\_  
 Client Sample ID: \_\_\_\_\_ Lab Sample ID: MB 200-161395/4  
 Matrix: Air Lab File ID: 43776-04.D  
 Analysis Method: TO-15 Date Collected: \_\_\_\_\_  
 Sample wt/vol: 200 (mL) Date Analyzed: 11/23/2020 12:11  
 Soil Aliquot Vol: \_\_\_\_\_ Dilution Factor: 1  
 Soil Extract Vol.: \_\_\_\_\_ GC Column: RTX-624 ID: 0.32 (mm)  
 % Moisture: \_\_\_\_\_ Level: (low/med) Low  
 Analysis Batch No.: 161395 Units: ppb v/v

| CAS NO.     | COMPOUND NAME                    | RESULT | Q | RL   | RL   |
|-------------|----------------------------------|--------|---|------|------|
| 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 |
| 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 |



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

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-56158-1  
SDG No.: \_\_\_\_\_  
Client Sample ID: \_\_\_\_\_ Lab Sample ID: MB 200-161395/4  
Matrix: Air Lab File ID: 43776-04.D  
Analysis Method: TO-15 Date Collected: \_\_\_\_\_  
Sample wt/vol: 200 (mL) Date Analyzed: 11/23/2020 12:11  
Soil Aliquot Vol: \_\_\_\_\_ Dilution Factor: 1  
Soil Extract Vol.: \_\_\_\_\_ GC Column: RTX-624 ID: 0.32 (mm)  
% Moisture: \_\_\_\_\_ Level: (low/med) Low  
Analysis Batch No.: 161395 Units: ppb v/v

| CAS NO.  | COMPOUND NAME          | RESULT | Q | RL   | RL   |
|----------|------------------------|--------|---|------|------|
| 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 TestAmerica, Burlington  
Target Compound Quantitation Report

Data File: \\chromfs\Burlington\ChromData\CHC.i\20201123-43776.b\43776-04.D  
 Lims ID: mb  
 Client ID:  
 Sample Type: MB  
 Inject. Date: 23-Nov-2020 12:11:30 ALS Bottle#: 3 Worklist Smp#: 4  
 Purge Vol: 200.000 mL Dil. Factor: 1.0000  
 Sample Info: 200-0043776-004  
 Operator ID: ggg Instrument ID: CHC.i  
 Method: \\chromfs\Burlington\ChromData\CHC.i\20201123-43776.b\TO15\_MasterMethod\_(v1)\_CHC.i.m  
 Limit Group: AI\_TO15\_ICAL  
 Last Update: 24-Nov-2020 08:10:37 Calib Date: 23-Oct-2020 01:45:30  
 Integrator: RTE ID Type: Deconvolution ID  
 Quant Method: Internal Standard Quant By: Initial Calibration  
 Last ICal File: \\chromfs\Burlington\ChromData\CHC.i\20201022-43343.b\43343-13.D  
 Column 1 : RTX-624 ( 0.32 mm) Det: MS SCAN  
 Process Host: CTX1643

First Level Reviewer: bunmaa

Date: 24-Nov-2020 08:10:37

| 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  |           | 2.907         |               |   |          |                 | ND                | 7     |
| 2 Dichlorodifluoromethane          | 85  |           | 2.971         |               |   |          |                 | ND                |       |
| 3 Chlorodifluoromethane            | 51  |           | 3.008         |               |   |          |                 | ND                | 7     |
| 4 1,2-Dichloro-1,1,2,2-tetrafluoro | 85  |           | 3.206         |               |   |          |                 | ND                |       |
| 5 Chloromethane                    | 50  |           | 3.318         |               |   |          |                 | ND                | 7     |
| 6 Butane                           | 43  |           | 3.515         |               |   |          |                 | ND                | 7     |
| 7 Vinyl chloride                   | 62  |           | 3.542         |               |   |          |                 | ND                |       |
| 8 Butadiene                        | 54  |           | 3.611         |               |   |          |                 | ND                |       |
| 10 Bromomethane                    | 94  |           | 4.220         |               |   |          |                 | ND                |       |
| 11 Chloroethane                    | 64  |           | 4.444         |               |   |          |                 | ND                |       |
| 12 2-Methylbutane                  | 43  |           | 4.540         |               |   |          |                 | ND                | 7     |
| 13 Vinyl bromide                   | 106 |           | 4.807         |               |   |          |                 | ND                |       |
| 14 Trichlorofluoromethane          | 101 |           | 4.924         |               |   |          |                 | ND                |       |
| 16 Pentane                         | 43  |           | 5.079         |               |   |          |                 | ND                | 7     |
| 17 Ethanol                         | 45  |           | 5.474         |               |   |          |                 | ND                |       |
| 18 Ethyl ether                     | 59  |           | 5.565         |               |   |          |                 | ND                |       |
| 19 Acrolein                        | 56  |           | 5.879         |               |   |          |                 | ND                |       |
| 20 1,1,2-Trichloro-1,2,2-trifluoro | 101 |           | 5.976         |               |   |          |                 | ND                |       |
| 21 1,1-Dichloroethene              | 96  |           | 5.986         |               |   |          |                 | ND                | 7     |
| 22 Acetone                         | 43  |           | 6.184         |               |   |          |                 | ND                | 7     |
| 23 Carbon disulfide                | 76  |           | 6.354         |               |   |          |                 | ND                |       |
| 24 Isopropyl alcohol               | 45  |           | 6.531         |               |   |          |                 | ND                |       |
| 25 3-Chloro-1-propene              | 41  |           | 6.739         |               |   |          |                 | ND                | 7     |
| 26 Acetonitrile                    | 41  |           | 6.792         |               |   |          |                 | ND                |       |
| 27 Methylene Chloride              | 49  |           | 7.011         |               |   |          |                 | ND                |       |
| 28 2-Methyl-2-propanol             | 59  |           | 7.299         |               |   |          |                 | ND                |       |
| 29 Methyl tert-butyl ether         | 73  |           | 7.470         |               |   |          |                 | ND                | 7     |
| 31 trans-1,2-Dichloroethene        | 61  |           | 7.475         |               |   |          |                 | ND                |       |
| 32 Acrylonitrile                   | 53  |           | 7.550         |               |   |          |                 | ND                |       |
| 33 Hexane                          | 57  |           | 7.902         |               |   |          |                 | ND                |       |
| 34 1,1-Dichloroethane              | 63  |           | 8.308         |               |   |          |                 | ND                |       |
| 35 Vinyl acetate                   | 43  |           | 8.404         |               |   |          |                 | ND                |       |

| Compound                       | Sig | RT (min.) | Adj RT (min.)   | Dlt RT (min.) | Q  | Response | Cal Amt ppb v/v | OnCol Amt ppb v/v | Flags |
|--------------------------------|-----|-----------|-----------------|---------------|----|----------|-----------------|-------------------|-------|
| 37 cis-1,2-Dichloroethene      | 96  |           | 9.391           |               |    |          |                 | ND                |       |
| 38 2-Butanone (MEK)            | 72  |           | 9.444           |               |    |          |                 | ND                |       |
| 39 Ethyl acetate               | 88  |           | 9.525           |               |    |          |                 | ND                |       |
| * 40 Chlorobromomethane        | 128 | 9.839     | 9.834           | 0.005         | 76 | 285430   | 20.0            | 20.0              |       |
| 41 Tetrahydrofuran             | 42  |           | 9.887           |               |    |          |                 | ND                |       |
| 42 Chloroform                  | 83  |           | 9.989           |               |    |          |                 | ND                |       |
| S 30 1,2-Dichloroethene, Total | 61  |           | 10.200          |               |    |          |                 | ND                | 7     |
| 44 1,1,1-Trichloroethane       | 97  |           | 10.266          |               |    |          |                 | ND                | 7     |
| 43 Cyclohexane                 | 84  |           | 10.272          |               |    |          |                 | ND                |       |
| 45 Carbon tetrachloride        | 117 |           | 10.528          |               |    |          |                 | ND                |       |
| 47 Benzene                     | 78  |           | 10.955          |               |    |          |                 | ND                | 7     |
| 46 Isooctane                   | 57  |           | 11.003          |               |    |          |                 | ND                |       |
| 48 1,2-Dichloroethane          | 62  |           | 11.110          |               |    |          |                 | ND                |       |
| 49 n-Heptane                   | 43  |           | 11.403          |               |    |          |                 | ND                | 7     |
| * 50 1,4-Difluorobenzene       | 114 | 11.803    | 11.803          | 0.000         | 94 | 1630569  | 20.0            | 20.0              |       |
| 52 n-Butanol                   | 56  |           | 12.257          |               |    |          |                 | ND                |       |
| 53 Trichloroethene             | 95  |           | 12.273          |               |    |          |                 | ND                |       |
| A 51 GRO                       | 1   | 12.745    | (4.530-20.961)  |               | 0  | 1216580  |                 | 0                 |       |
| 54 1,2-Dichloropropane         | 63  |           | 12.785          |               |    |          |                 | ND                |       |
| 55 Methyl methacrylate         | 69  |           | 13.015          |               |    |          |                 | ND                |       |
| 57 Dibromomethane              | 174 |           | 13.036          |               |    |          |                 | ND                | 7     |
| 56 1,4-Dioxane                 | 88  |           | 13.047          |               |    |          |                 | ND                | 7     |
| 58 Dichlorobromomethane        | 83  |           | 13.356          |               |    |          |                 | ND                |       |
| 60 cis-1,3-Dichloropropene     | 75  |           | 14.312          |               |    |          |                 | ND                | 7     |
| A 59 TVOC as Toluene           | 1   | 14.434    | (2.897-25.972)  |               | 0  | 1407012  |                 | 0                 |       |
| 61 4-Methyl-2-pentanone (MIBK) | 43  |           | 14.621          |               |    |          |                 | ND                |       |
| A 63 Toluene Range             | 1   | 14.925    | (14.885-14.965) |               | 0  | 9193     |                 | NC                |       |
| 65 Toluene                     | 92  |           | 14.925          |               |    |          |                 | ND                | 7     |
| A 62 C8 Range                  | 1   | 15.086    | (15.036-15.136) |               | 0  | 11524    |                 | NC                |       |
| 64 n-Octane                    | 43  |           | 15.086          |               |    |          |                 | ND                |       |
| 66 trans-1,3-Dichloropropene   | 75  |           | 15.518          |               |    |          |                 | ND                |       |
| 67 1,1,2-Trichloroethane       | 83  |           | 15.881          |               |    |          |                 | ND                |       |
| 68 Tetrachloroethene           | 166 |           | 16.046          |               |    |          |                 | ND                | 7     |
| 69 2-Hexanone                  | 43  |           | 16.361          |               |    |          |                 | ND                |       |
| 71 Chlorodibromomethane        | 129 |           | 16.655          |               |    |          |                 | ND                |       |
| 72 Ethylene Dibromide          | 107 |           | 16.900          |               |    |          |                 | ND                |       |
| * 74 Chlorobenzene-d5          | 117 | 17.834    | 17.834          | 0.000         | 86 | 1676757  | 20.0            | 20.0              |       |
| 75 Chlorobenzene               | 112 |           | 17.887          |               |    |          |                 | ND                | 7     |
| 76 Ethylbenzene                | 91  |           | 18.069          |               |    |          |                 | ND                | 7     |
| 77 n-Nonane                    | 57  |           | 18.282          |               |    |          |                 | ND                |       |
| 78 m-Xylene & p-Xylene         | 106 |           | 18.320          |               |    |          |                 | ND                |       |
| 79 o-Xylene                    | 106 |           | 19.152          |               |    |          |                 | ND                |       |
| 80 Styrene                     | 104 |           | 19.200          |               |    |          |                 | ND                |       |
| 81 Bromoform                   | 173 |           | 19.617          |               |    |          |                 | ND                | 7     |
| 82 Isopropylbenzene            | 105 |           | 19.899          |               |    |          |                 | ND                | 7     |
| S 73 Xylenes, Total            | 106 |           | 20.100          |               |    |          |                 | ND                | 7     |
| * 83 4-Bromofluorobenzene      | 95  | 20.278    | 20.284          | -0.006        | 95 | 871283   | 20.0            | 20.0              |       |
| 84 1,1,2,2-Tetrachloroethane   | 83  |           | 20.583          |               |    |          |                 | ND                |       |
| 86 1,2,3-Trichloropropane      | 75  |           | 20.668          |               |    |          |                 | ND                |       |
| 85 N-Propylbenzene             | 91  |           | 20.689          |               |    |          |                 | ND                | 7     |
| 89 2-Chlorotoluene             | 91  |           | 20.887          |               |    |          |                 | ND                | 7     |
| 88 4-Ethyltoluene              | 105 |           | 20.897          |               |    |          |                 | ND                | 7     |

| Compound                   | Sig | RT<br>(min.) | Adj RT<br>(min.) | Dlt RT<br>(min.) | Q | Response | Cal Amt<br>ppb v/v | OnCol Amt<br>ppb v/v | Flags |
|----------------------------|-----|--------------|------------------|------------------|---|----------|--------------------|----------------------|-------|
| 87 n-Decane                | 57  |              | 20.951           |                  |   |          |                    | ND                   |       |
| 90 1,3,5-Trimethylbenzene  | 105 |              | 21.015           |                  |   |          |                    | ND                   | 7     |
| 91 Alpha Methyl Styrene    | 118 |              | 21.399           |                  |   |          |                    | ND                   |       |
| 92 tert-Butylbenzene       | 119 |              | 21.527           |                  |   |          |                    | ND                   | 7     |
| 93 1,2,4-Trimethylbenzene  | 105 |              | 21.629           |                  |   |          |                    | ND                   | 7     |
| 94 sec-Butylbenzene        | 105 |              | 21.874           |                  |   |          |                    | ND                   | 7     |
| 95 4-Isopropyltoluene      | 119 |              | 22.093           |                  |   |          |                    | ND                   | 7     |
| 96 1,3-Dichlorobenzene     | 146 |              | 22.098           |                  |   |          |                    | ND                   | 7     |
| 97 1,4-Dichlorobenzene     | 146 |              | 22.242           |                  |   |          |                    | ND                   | MU    |
| 98 Benzyl chloride         | 91  |              | 22.429           |                  |   |          |                    | ND                   | 7     |
| 100 n-Butylbenzene         | 91  |              | 22.675           |                  |   |          |                    | ND                   | 7     |
| 99 Undecane                | 57  |              | 22.749           |                  |   |          |                    | ND                   |       |
| 101 1,2-Dichlorobenzene    | 146 |              | 22.765           |                  |   |          |                    | ND                   | 7     |
| 102 Dodecane               | 57  |              | 24.249           |                  |   |          |                    | ND                   | 7     |
| 103 1,2,4-Trichlorobenzene | 180 | 25.130       | 25.103           | 0.027            | 3 | 3708     |                    | 0.0546               |       |
| 104 Hexachlorobutadiene    | 225 |              | 25.311           |                  |   |          |                    | ND                   | 7     |
| 105 Naphthalene            | 128 | 25.551       | 25.551           | 0.026            | 1 | 5017     |                    | 0.0397               | M     |
| 106 1,2,3-Trichlorobenzene | 180 | 25.967       | 25.962           | 0.005            | 3 | 3694     |                    | 0.0768               |       |

**QC Flag Legend**

## Processing Flags

NC - Not Calibrated

7 - Failed Limit of Detection

## Review Flags

M - Manually Integrated

U - Marked Undetected

**Reagents:**

ATTO15CISs\_00010

Amount Added: 40.00

Units: mL

Run Reagent

Report Date: 24-Nov-2020 08:10:38

Chrom Revision: 2.3 12-Nov-2020 21:52:08

Eurofins TestAmerica, Burlington

Data File: \\chromfs\Burlington\ChromData\CHC.i\20201123-43776.b\43776-04.D

Injection Date: 23-Nov-2020 12:11:30

Instrument ID: CHC.i

Operator ID: ggg

Lims ID: mb

Worklist Smp#: 4

Client ID:

Purge Vol: 200.000 mL

Dil. Factor: 1.0000

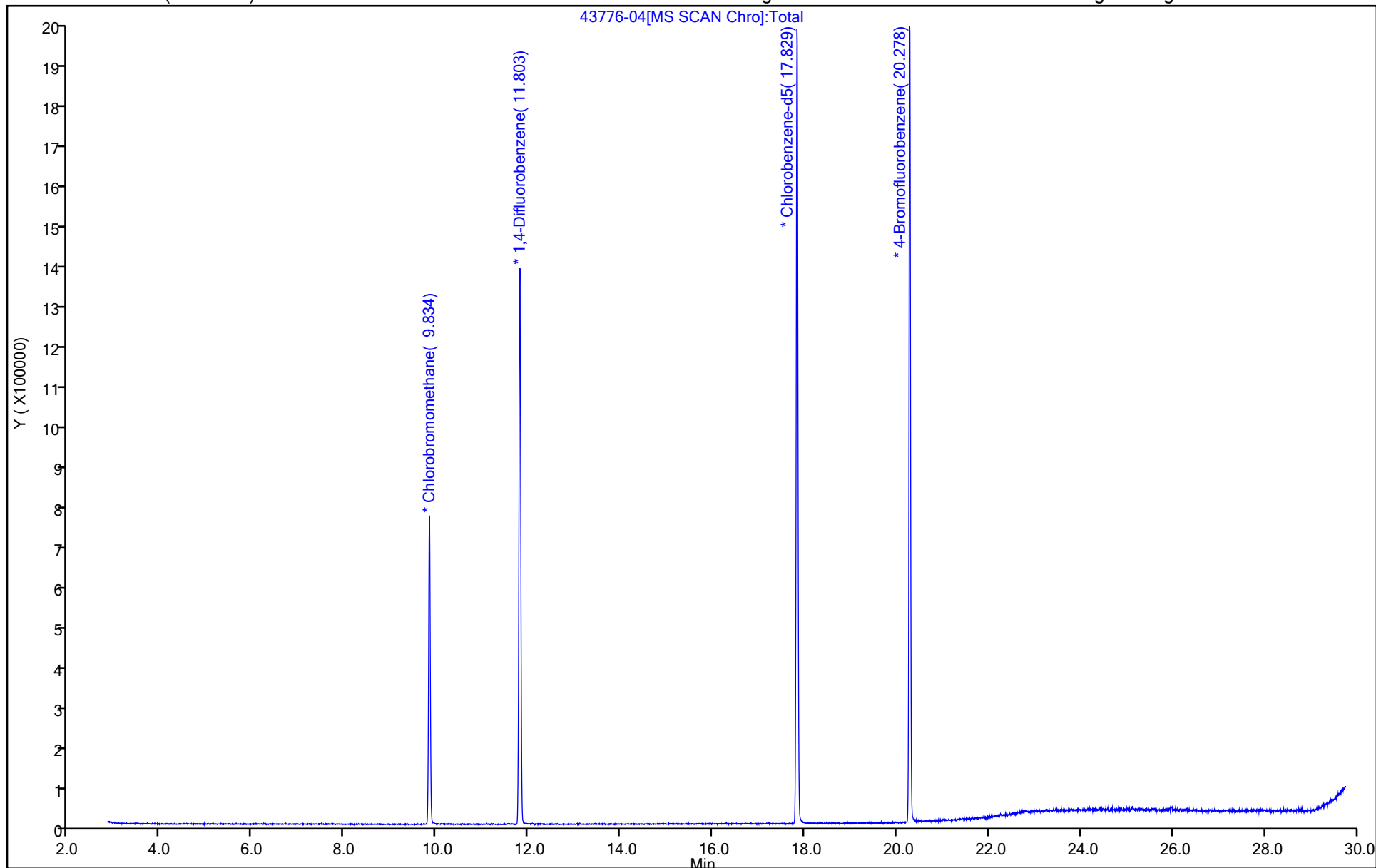
ALS Bottle#: 3

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



## Eurofins TestAmerica, Burlington

Data File: \\chromfs\Burlington\ChromData\CHC.i\20201123-43776.b\43776-04.D

Injection Date: 23-Nov-2020 12:11:30

Instrument ID: CHC.i

Lims ID: mb

Client ID:

Operator ID: ggg

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

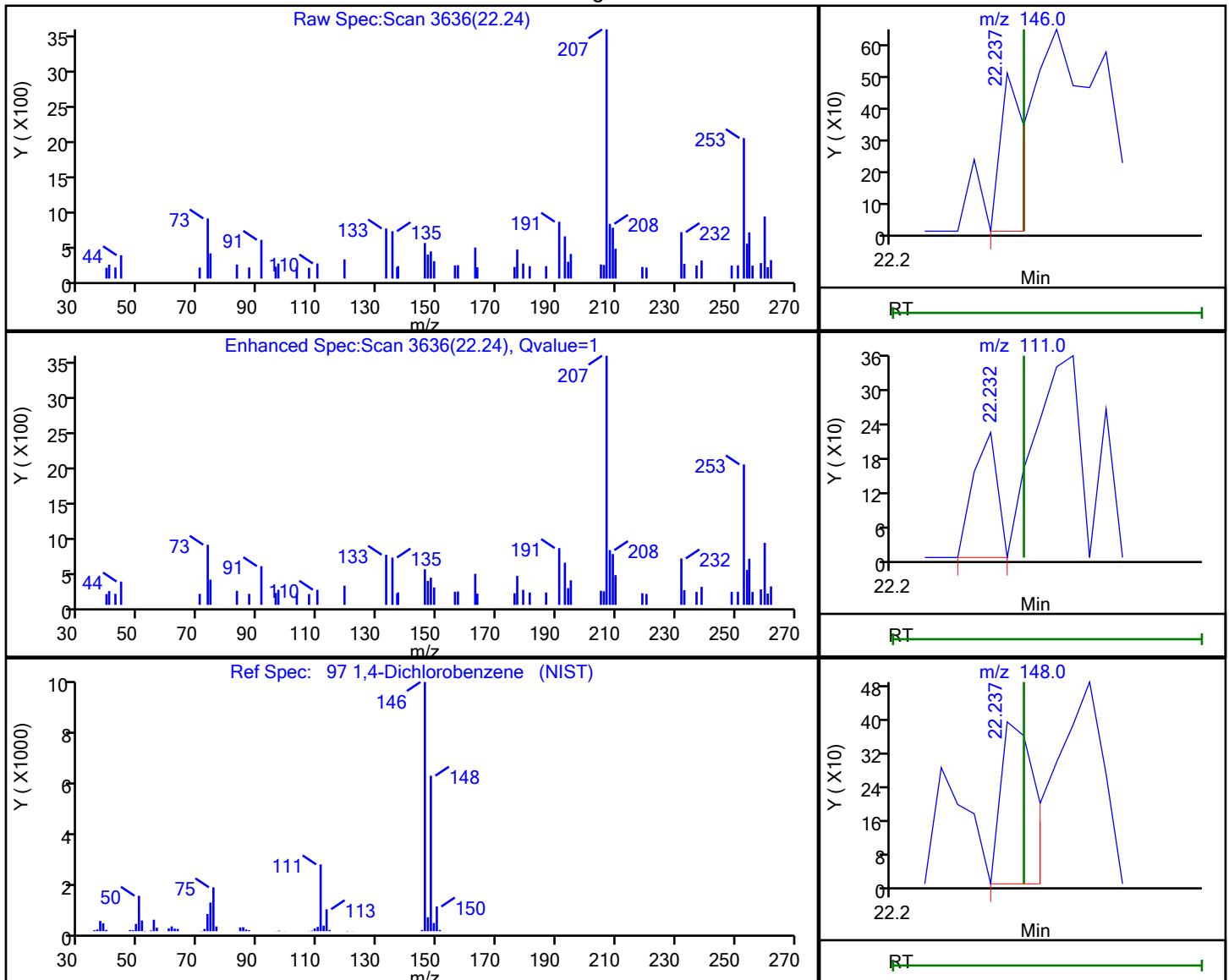
Column: RTX-624 ( 0.32 mm)

Detector

MS SCAN

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

## Processing Results



| RT    | Mass   | Response | Amount   |
|-------|--------|----------|----------|
| 22.24 | 146.00 | 270      | 0.002960 |
| 22.23 | 111.00 | 120      |          |
| 22.24 | 148.00 | 298      |          |

Reviewer: bunmaa, 24-Nov-2020 08:09:26

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

## Eurofins TestAmerica, Burlington

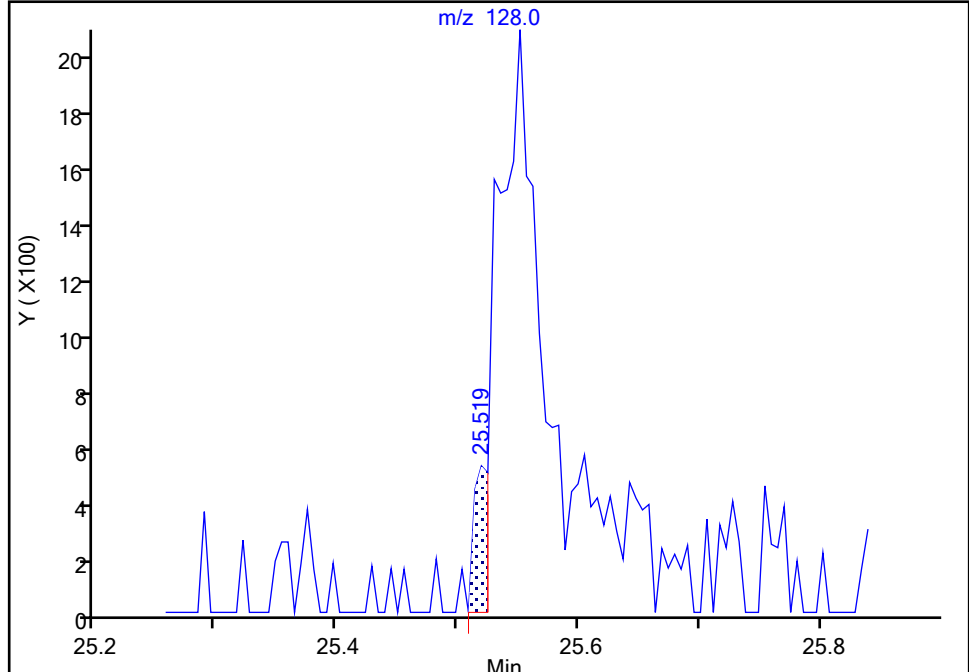
Data File: \\chromfs\Burlington\ChromData\CHC.i\20201123-43776.b\43776-04.D  
Injection Date: 23-Nov-2020 12:11:30 Instrument ID: CHC.i  
Lims ID: mb  
Client ID:  
Operator ID: ggg ALS Bottle#: 3 Worklist Smp#: 4  
Purge Vol: 200.000 mL Dil. Factor: 1.0000  
Method: TO15\_MasterMethod\_(v1)\_CHC.i Limit Group: AI\_TO15\_ICAL  
Column: RTX-624 ( 0.32 mm) Detector: MS SCAN

**105 Naphthalene, CAS: 91-20-3**

Signal: 1

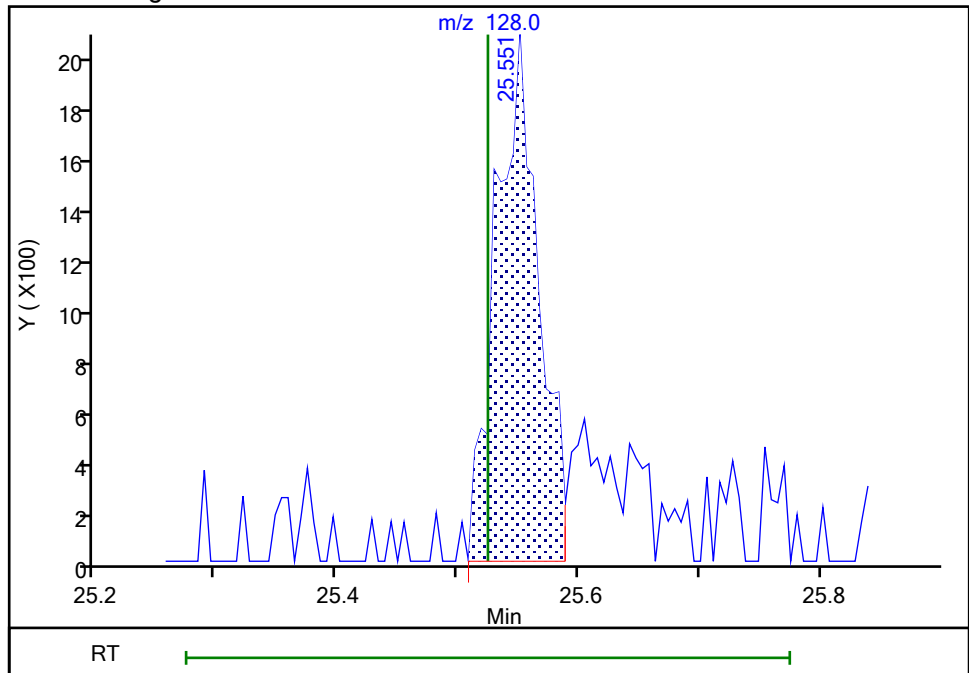
RT: 25.52  
Area: 458  
Amount: 0.003626  
Amount Units: ppb v/v

## Processing Integration Results



RT: 25.55  
Area: 5017  
Amount: 0.039720  
Amount Units: ppb v/v

## Manual Integration Results



Reviewer: bunmaa, 24-Nov-2020 08:10:02

Audit Action: Manually Integrated

Audit Reason: Assign Peak

FORM IV  
AIR - GC/MS VOA METHOD BLANK SUMMARY

Lab Name: Eurofins TestAmerica, Burlington      Job No.: 200-56177-1  
SDG No.: \_\_\_\_\_  
Lab File ID: 43775-04.D      Lab Sample ID: MB 200-161394/4  
Matrix: Air      Heated Purge: (Y/N) N  
Instrument ID: CHX.i      Date Analyzed: 11/23/2020 11:48  
GC Column: RTX-624      ID: 0.32 (mm)

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

| CLIENT SAMPLE ID | LAB SAMPLE ID    | LAB<br>FILE ID | DATE ANALYZED    |
|------------------|------------------|----------------|------------------|
|                  | LCS 200-161394/3 | 43775-03.D     | 11/23/2020 10:55 |
| 5093             | 200-56177-4      | 43775-21.D     | 11/24/2020 02:59 |



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

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-56177-1  
 SDG No.: \_\_\_\_\_  
 Client Sample ID: \_\_\_\_\_ Lab Sample ID: MB 200-161394/4  
 Matrix: Air Lab File ID: 43775-04.D  
 Analysis Method: TO-15 Date Collected: \_\_\_\_\_  
 Sample wt/vol: 200 (mL) Date Analyzed: 11/23/2020 11:48  
 Soil Aliquot Vol: \_\_\_\_\_ Dilution Factor: 1  
 Soil Extract Vol.: \_\_\_\_\_ GC Column: RTX-624 ID: 0.32 (mm)  
 % Moisture: \_\_\_\_\_ Level: (low/med) Low  
 Analysis Batch No.: 161394 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                      | 0.20   | U | 0.20 | 0.20 |
| 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 |
| 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 |

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

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-56177-1  
 SDG No.: \_\_\_\_\_  
 Client Sample ID: \_\_\_\_\_ Lab Sample ID: MB 200-161394/4  
 Matrix: Air Lab File ID: 43775-04.D  
 Analysis Method: TO-15 Date Collected: \_\_\_\_\_  
 Sample wt/vol: 200 (mL) Date Analyzed: 11/23/2020 11:48  
 Soil Aliquot Vol: \_\_\_\_\_ Dilution Factor: 1  
 Soil Extract Vol.: \_\_\_\_\_ GC Column: RTX-624 ID: 0.32 (mm)  
 % Moisture: \_\_\_\_\_ Level: (low/med) Low  
 Analysis Batch No.: 161394 Units: ppb v/v

| CAS NO.     | COMPOUND NAME                    | RESULT | Q | RL   | RL   |
|-------------|----------------------------------|--------|---|------|------|
| 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 |
| 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 |

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

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-56177-1  
 SDG No.: \_\_\_\_\_  
 Client Sample ID: \_\_\_\_\_ Lab Sample ID: MB 200-161394/4  
 Matrix: Air Lab File ID: 43775-04.D  
 Analysis Method: TO-15 Date Collected: \_\_\_\_\_  
 Sample wt/vol: 200 (mL) Date Analyzed: 11/23/2020 11:48  
 Soil Aliquot Vol: \_\_\_\_\_ Dilution Factor: 1  
 Soil Extract Vol.: \_\_\_\_\_ GC Column: RTX-624 ID: 0.32 (mm)  
 % Moisture: \_\_\_\_\_ Level: (low/med) Low  
 Analysis Batch No.: 161394 Units: ppb v/v

| CAS NO.  | COMPOUND NAME          | RESULT | Q | RL   | RL   |
|----------|------------------------|--------|---|------|------|
| 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 TestAmerica, Burlington  
Target Compound Quantitation Report

Data File: \\chromfs\Burlington\ChromData\CHX.i\20201123-43775.b\43775-04.D  
 Lims ID: mb  
 Client ID:  
 Sample Type: MB  
 Inject. Date: 23-Nov-2020 11:48:30 ALS Bottle#: 3 Worklist Smp#: 4  
 Purge Vol: 200.000 mL Dil. Factor: 1.0000  
 Sample Info: 200-0043775-004  
 Operator ID: ggg Instrument ID: CHX.i  
 Method: \\chromfs\Burlington\ChromData\CHX.i\20201123-43775.b\TO15\_MasterMethod\_X.m.m  
 Limit Group: AI\_TO15\_ICAL  
 Last Update: 24-Nov-2020 10:03:11 Calib Date: 22-Oct-2020 00:48:30  
 Integrator: RTE ID Type: Deconvolution ID  
 Quant Method: Internal Standard Quant By: Initial Calibration  
 Last ICal File: \\chromfs\Burlington\ChromData\CHX.i\20201021-43321.b\43321-13.D  
 Column 1 : RTX-624 ( 0.32 mm) Det: MS SCAN  
 Process Host: CTX1672

First Level Reviewer: puangmaleek

Date: 24-Nov-2020 10:03:11

| Compound                           | Sig | RT<br>(min.) | Adj RT<br>(min.) | Dlt RT<br>(min.) | Q  | Response | Cal Amt<br>ppb v/v | OnCol Amt<br>ppb v/v | Flags |
|------------------------------------|-----|--------------|------------------|------------------|----|----------|--------------------|----------------------|-------|
| 1 Propene                          | 41  |              | 4.343            |                  |    |          |                    | ND                   |       |
| 2 Dichlorodifluoromethane          | 85  |              | 4.439            |                  |    |          |                    | ND                   |       |
| 3 Chlorodifluoromethane            | 51  |              | 4.488            |                  |    |          |                    | ND                   |       |
| 4 1,2-Dichloro-1,1,2,2-tetrafluoro | 85  |              | 4.798            |                  |    |          |                    | ND                   |       |
| 5 Chloromethane                    | 50  |              | 4.921            |                  |    |          |                    | ND                   |       |
| 6 Butane                           | 43  |              | 5.237            |                  |    |          |                    | ND                   |       |
| 7 Vinyl chloride                   | 62  |              | 5.237            |                  |    |          |                    | ND                   |       |
| 8 Butadiene                        | 54  |              | 5.349            |                  |    |          |                    | ND                   |       |
| 10 Bromomethane                    | 94  |              | 6.066            |                  |    |          |                    | ND                   |       |
| 11 Chloroethane                    | 64  |              | 6.339            |                  |    |          |                    | ND                   |       |
| 12 2-Methylbutane                  | 43  |              | 6.537            |                  |    |          |                    | ND                   |       |
| 13 Vinyl bromide                   | 106 |              | 6.756            |                  |    |          |                    | ND                   |       |
| 14 Trichlorofluoromethane          | 101 |              | 6.911            |                  |    |          |                    | ND                   |       |
| 16 Pentane                         | 43  |              | 7.109            |                  |    |          |                    | ND                   | 7     |
| 17 Ethanol                         | 45  | 7.275        | 7.253            | 0.022            | 97 | 2065     |                    | 0.2218               |       |
| 18 Ethyl ether                     | 59  |              | 7.510            |                  |    |          |                    | ND                   |       |
| 19 Acrolein                        | 56  |              | 7.772            |                  |    |          |                    | ND                   |       |
| 21 1,1-Dichloroethene              | 96  |              | 7.976            |                  |    |          |                    | ND                   |       |
| 20 112TCTFE                        | 101 |              | 8.002            |                  |    |          |                    | ND                   |       |
| 22 Acetone                         | 43  |              | 8.034            |                  |    |          |                    | ND                   | 7     |
| 24 Isopropyl alcohol               | 45  | 8.339        | 8.307            | 0.032            | 97 | 3116     |                    | 0.0981               |       |
| 23 Carbon disulfide                | 76  |              | 8.393            |                  |    |          |                    | ND                   |       |
| 26 Acetonitrile                    | 41  |              | 8.553            |                  |    |          |                    | ND                   |       |
| 25 3-Chloro-1-propene              | 41  |              | 8.671            |                  |    |          |                    | ND                   |       |
| 27 Methylene Chloride              | 49  |              | 8.906            |                  |    |          |                    | ND                   |       |
| 28 2-Methyl-2-propanol             | 59  |              | 9.067            |                  |    |          |                    | ND                   |       |
| 32 Acrylonitrile                   | 53  |              | 9.308            |                  |    |          |                    | ND                   |       |
| 29 Methyl tert-butyl ether         | 73  |              | 9.383            |                  |    |          |                    | ND                   |       |
| 31 trans-1,2-Dichloroethene        | 61  |              | 9.404            |                  |    |          |                    | ND                   |       |
| S 30 1,2-Dichloroethene, Total     | 61  |              | 9.665            |                  |    |          |                    | ND                   | 7     |
| 33 Hexane                          | 57  |              | 9.896            |                  |    |          |                    | ND                   |       |
| 35 Vinyl acetate                   | 43  |              | 10.164           |                  |    |          |                    | 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 1,1-Dichloroethane          | 63  |           | 10.174         |               |    |          |                 | ND                |       |
| 38 2-Butanone (MEK)            | 72  |           | 11.121         |               |    |          |                 | ND                |       |
| 37 cis-1,2-Dichloroethene      | 96  |           | 11.164         |               |    |          |                 | ND                |       |
| 39 Ethyl acetate               | 88  |           | 11.196         |               |    |          |                 | ND                |       |
| * 40 Chlorobromomethane        | 128 | 11.587    | 11.587         | 0.000         | 91 | 134648   | 10.0            | 10.0              |       |
| 41 Tetrahydrofuran             | 42  |           | 11.597         |               |    |          |                 | ND                |       |
| 42 Chloroform                  | 83  |           | 11.758         |               |    |          |                 | ND                |       |
| 44 1,1,1-Trichloroethane       | 97  |           | 12.057         |               |    |          |                 | ND                |       |
| 43 Cyclohexane                 | 84  |           | 12.191         |               |    |          |                 | ND                |       |
| 45 Carbon tetrachloride        | 117 |           | 12.330         |               |    |          |                 | ND                |       |
| 47 Benzene                     | 78  |           | 12.683         |               |    |          |                 | ND                | 7     |
| 48 1,2-Dichloroethane          | 62  |           | 12.774         |               |    |          |                 | ND                |       |
| 46 Isooctane                   | 57  |           | 12.876         |               |    |          |                 | ND                |       |
| 49 n-Heptane                   | 43  |           | 13.186         |               |    |          |                 | ND                |       |
| * 50 1,4-Difluorobenzene       | 114 | 13.422    | 13.422         | 0.000         | 94 | 690955   | 10.0            | 10.0              |       |
| 52 n-Butanol                   | 56  |           | 13.609         |               |    |          |                 | ND                | 7     |
| 53 Trichloroethene             | 95  |           | 13.850         |               |    |          |                 | ND                |       |
| A 51 GRO                       | 1   | 14.203    | (6.527-21.879) |               | 0  | 1549537  |                 | 0                 |       |
| 54 1,2-Dichloropropane         | 63  |           | 14.320         |               |    |          |                 | ND                |       |
| 55 Methyl methacrylate         | 69  |           | 14.374         |               |    |          |                 | ND                |       |
| 56 1,4-Dioxane                 | 88  |           | 14.422         |               |    |          |                 | ND                |       |
| 57 Dibromomethane              | 174 |           | 14.476         |               |    |          |                 | ND                |       |
| 58 Dichlorobromomethane        | 83  |           | 14.786         |               |    |          |                 | ND                |       |
| 60 cis-1,3-Dichloropropene     | 75  |           | 15.578         |               |    |          |                 | ND                | 7     |
| A 59 TVOC as Toluene           | 92  | 15.580    | (4.333-26.827) |               | 0  | 1664525  |                 | 0                 |       |
| 61 4-Methyl-2-pentanone (MIBK) | 43  |           | 15.818         |               |    |          |                 | ND                | 7     |
| 65 Toluene                     | 92  |           | 16.214         |               |    |          |                 | ND                | 7     |
| 64 n-Octane                    | 43  |           | 16.439         |               |    |          |                 | ND                | 7     |
| 66 trans-1,3-Dichloropropene   | 75  |           | 16.637         |               |    |          |                 | ND                | 7     |
| 67 1,1,2-Trichloroethane       | 83  |           | 17.017         |               |    |          |                 | ND                |       |
| 68 Tetrachloroethene           | 166 |           | 17.199         |               |    |          |                 | ND                |       |
| 69 2-Hexanone                  | 43  |           | 17.396         |               |    |          |                 | ND                | 7     |
| 71 Chlorodibromomethane        | 129 |           | 17.760         |               |    |          |                 | ND                | 7     |
| 72 Ethylene Dibromide          | 107 | 18.006    | 18.001         | 0.005         | 92 | 753      |                 | 0.0212            |       |
| * 74 Chlorobenzene-d5          | 117 | 18.900    | 18.894         | 0.006         | 87 | 542023   | 10.0            | 10.0              |       |
| 75 Chlorobenzene               | 112 | 18.953    | 18.959         | -0.006        | 82 | 1227     |                 | 0.0215            |       |
| 76 Ethylbenzene                | 91  | 19.140    | 19.140         | 0.000         | 90 | 1972     |                 | 0.0201            |       |
| 78 m-Xylene & p-Xylene         | 106 | 19.392    | 19.392         | -0.005        | 0  | 1717     |                 | 0.0457            | M     |
| 77 n-Nonane                    | 57  |           | 19.445         |               |    |          |                 | ND                |       |
| S 73 Xylenes, Total            | 106 |           |                |               | 0  |          |                 | 0.0617            |       |
| 79 o-Xylene                    | 106 | 20.173    | 20.173         | 0.000         | 58 | 589      |                 | 0.0160            |       |
| 80 Styrene                     | 104 | 20.210    | 20.216         | -0.006        | 93 | 1560     |                 | 0.0292            |       |
| 81 Bromoform                   | 173 | 20.580    | 20.574         | 0.006         | 89 | 953      |                 | 0.0278            |       |
| 82 Isopropylbenzene            | 105 |           | 20.858         |               |    |          |                 | ND                | 7     |
| 84 1,1,2,2-Tetrachloroethane   | 83  | 21.382    | 21.382         | 0.000         | 86 | 1484     |                 | 0.0270            |       |
| 86 1,2,3-Trichloropropane      | 75  |           | 21.484         |               |    |          |                 | ND                | 7     |
| 85 N-Propylbenzene             | 91  | 21.564    | 21.564         | 0.000         | 98 | 3411     |                 | 0.0279            |       |
| 89 2-Chlorotoluene             | 91  | 21.714    | 21.714         | 0.000         | 90 | 2633     |                 | 0.0337            |       |
| 88 4-Ethyltoluene              | 105 | 21.762    | 21.762         | 0.000         | 95 | 3028     |                 | 0.0306            |       |
| 90 1,3,5-Trimethylbenzene      | 105 | 21.847    | 21.853         | -0.006        | 86 | 1107     |                 | 0.0125            |       |
| 87 n-Decane                    | 57  |           | 21.869         |               |    |          |                 | ND                |       |
| 91 Alpha Methyl Styrene        | 118 | 22.184    | 22.179         | 0.005         | 82 | 1144     |                 | 0.0284            |       |

| Compound                   | Sig | RT<br>(min.) | Adj RT<br>(min.) | Dlt RT<br>(min.) | Q  | Response | Cal Amt<br>ppb v/v | OnCol Amt<br>ppb v/v | Flags |
|----------------------------|-----|--------------|------------------|------------------|----|----------|--------------------|----------------------|-------|
| 92 tert-Butylbenzene       | 119 |              | 22.329           |                  |    |          |                    | ND                   |       |
| 93 1,2,4-Trimethylbenzene  | 105 | 22.414       | 22.414           | 0.000            | 90 | 1778     |                    | 0.0210               |       |
| 94 sec-Butylbenzene        | 105 |              | 22.650           |                  |    |          |                    | ND                   | 7     |
| 96 1,3-Dichlorobenzene     | 146 | 22.832       | 22.832           | 0.000            | 96 | 3241     |                    | 0.0774               |       |
| 95 4-Isopropyltoluene      | 119 | 22.864       | 22.864           | 0.000            | 92 | 1122     |                    | 0.0109               |       |
| 97 1,4-Dichlorobenzene     | 146 | 22.971       | 22.971           | 0.000            | 94 | 3308     |                    | 0.0910               |       |
| 98 Benzyl chloride         | 91  | 23.121       | 23.115           | 0.006            | 97 | 3272     |                    | 0.0733               |       |
| 100 n-Butylbenzene         | 91  | 23.415       | 23.420           | -0.005           | 94 | 2652     |                    | 0.0307               |       |
| 101 1,2-Dichlorobenzene    | 146 | 23.468       | 23.463           | 0.005            | 92 | 3474     |                    | 0.0772               |       |
| 99 Undecane                | 57  |              | 23.554           |                  |    |          |                    | ND                   | 7     |
| 102 Dodecane               | 57  |              | 25.148           |                  |    |          |                    | ND                   |       |
| 103 1,2,4-Trichlorobenzene | 180 | 25.919       | 25.919           | 0.000            | 90 | 2069     |                    | 0.1065               |       |
| 104 Hexachlorobutadiene    | 225 |              | 26.149           |                  |    |          |                    | ND                   | 7     |
| 105 Naphthalene            | 128 | 26.405       | 26.405           | 0.000            | 97 | 3571     |                    | 0.0704               |       |
| 106 1,2,3-Trichlorobenzene | 180 | 26.823       | 26.817           | 0.006            | 82 | 2065     |                    | 0.0814               |       |
| 122 Total Alkanes TIC      | 1   |              | 0.000            |                  |    |          |                    | ND                   |       |
| 123 Methylcyclohexane      | 83  |              | 0.000            |                  |    |          |                    | ND                   |       |

**QC Flag Legend**

Processing Flags

7 - Failed Limit of Detection

Review Flags

M - Manually Integrated

**Reagents:**

ATTO15XISs\_00002

Amount Added: 20.00

Units: mL

Run Reagent

Report Date: 24-Nov-2020 10:03:11

Chrom Revision: 2.3 12-Nov-2020 21:52:08

Eurofins TestAmerica, Burlington

Data File: \\chromfs\Burlington\ChromData\CHX.i\20201123-43775.b\43775-04.D

Injection Date: 23-Nov-2020 11:48:30

Instrument ID: CHX.i

Operator ID: ggg

Lims ID: mb

Worklist Smp#: 4

Client ID:

Purge Vol: 200.000 mL

Dil. Factor: 1.0000

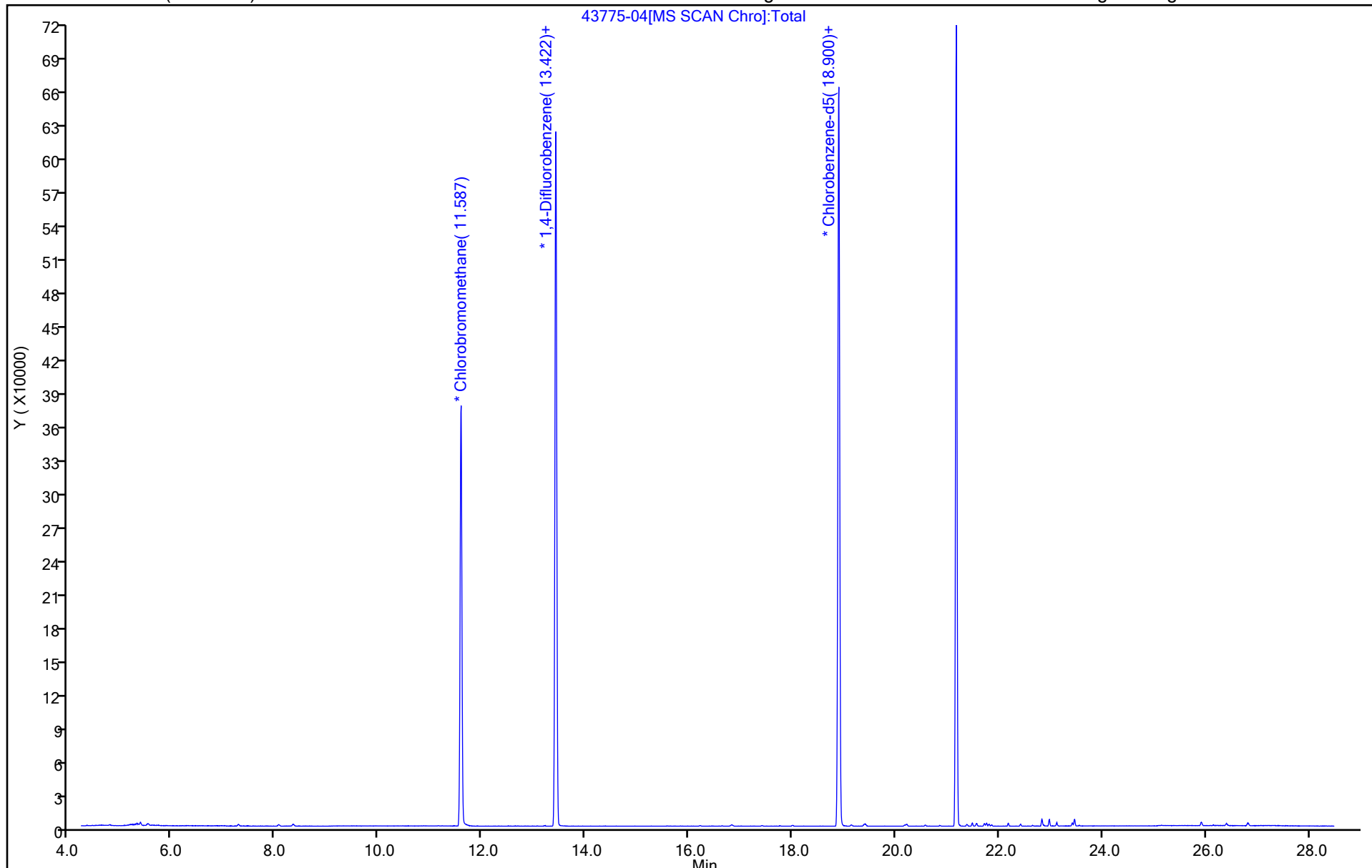
ALS Bottle#: 3

Method: TO15\_MasterMethod\_X.m

Limit Group: AI\_TO15\_ICAL

Column: RTX-624 ( 0.32 mm)

Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



## Eurofins TestAmerica, Burlington

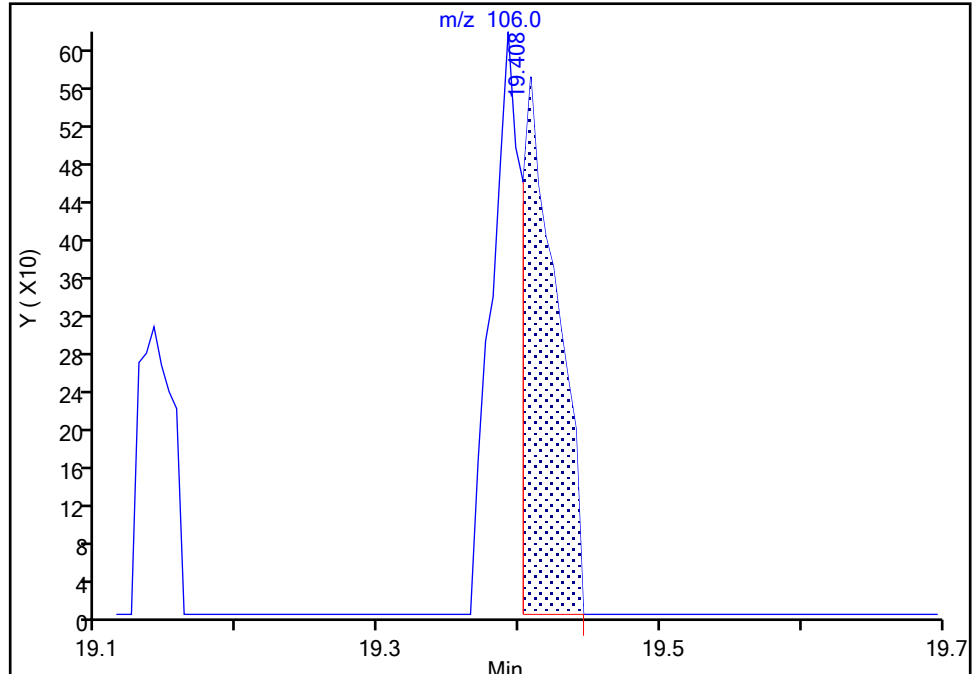
Data File: \\chromfs\Burlington\ChromData\CHX.i\20201123-43775.b\43775-04.D  
Injection Date: 23-Nov-2020 11:48:30 Instrument ID: CHX.i  
Lims ID: mb  
Client ID:  
Operator ID: ggg ALS Bottle#: 3 Worklist Smp#: 4  
Purge Vol: 200.000 mL Dil. Factor: 1.0000  
Method: TO15\_MasterMethod\_X.m Limit Group: AI\_TO15\_ICAL  
Column: RTX-624 ( 0.32 mm) Detector: MS SCAN

**78 m-Xylene & p-Xylene, CAS: 179601-23-1**

Signal: 1

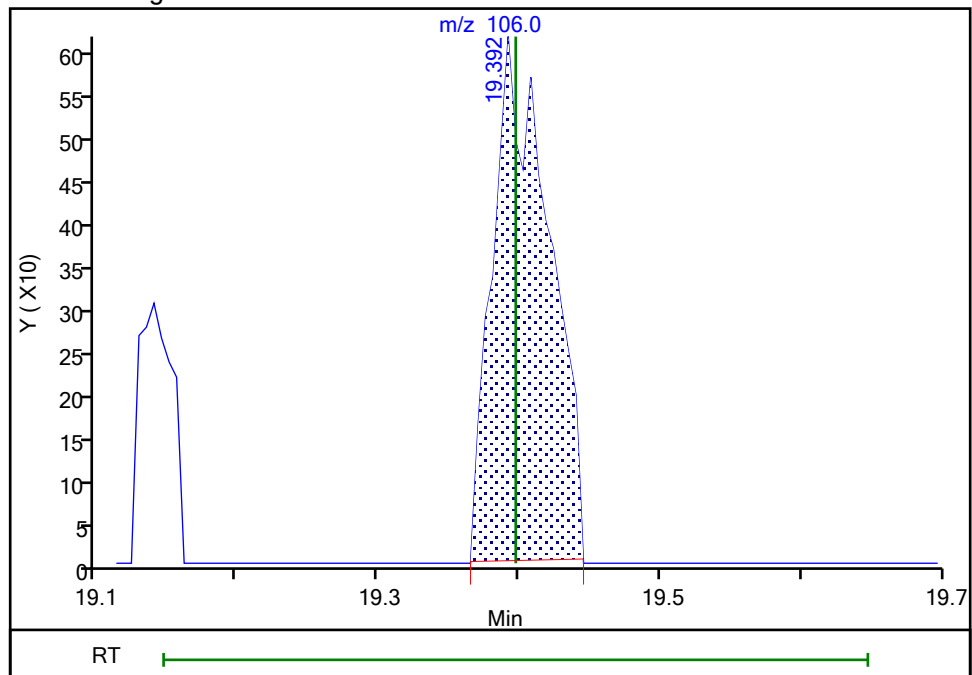
RT: 19.41  
Area: 967  
Amount: 0.025724  
Amount Units: ppb v/v

## Processing Integration Results



RT: 19.39  
Area: 1717  
Amount: 0.045676  
Amount Units: ppb v/v

## Manual Integration Results



Reviewer: puangmaleek, 24-Nov-2020 10:02:27

Audit Action: Manually Integrated

Audit Reason: Assign Peak



FORM IV  
AIR - GC/MS VOA METHOD BLANK SUMMARY

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-56178-1  
SDG No.: \_\_\_\_\_  
Lab File ID: 43775-04.D Lab Sample ID: MB 200-161394/4  
Matrix: Air Heated Purge: (Y/N) N  
Instrument ID: CHX.i Date Analyzed: 11/23/2020 11:48  
GC Column: RTX-624 ID: 0.32 (mm)

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

| CLIENT SAMPLE ID | LAB SAMPLE ID    | LAB<br>FILE ID | DATE ANALYZED    |
|------------------|------------------|----------------|------------------|
|                  | LCS 200-161394/3 | 43775-03.D     | 11/23/2020 10:55 |
| 8132             | 200-56178-4      | 43775-16.D     | 11/23/2020 22:29 |

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

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-56178-1  
 SDG No.: \_\_\_\_\_  
 Client Sample ID: \_\_\_\_\_ Lab Sample ID: MB 200-161394/4  
 Matrix: Air Lab File ID: 43775-04.D  
 Analysis Method: TO-15 Date Collected: \_\_\_\_\_  
 Sample wt/vol: 200 (mL) Date Analyzed: 11/23/2020 11:48  
 Soil Aliquot Vol: \_\_\_\_\_ Dilution Factor: 1  
 Soil Extract Vol.: \_\_\_\_\_ GC Column: RTX-624 ID: 0.32 (mm)  
 % Moisture: \_\_\_\_\_ Level: (low/med) Low  
 Analysis Batch No.: 161394 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                      | 0.20   | U | 0.20 | 0.20 |
| 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 |
| 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 |

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

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-56178-1  
 SDG No.: \_\_\_\_\_  
 Client Sample ID: \_\_\_\_\_ Lab Sample ID: MB 200-161394/4  
 Matrix: Air Lab File ID: 43775-04.D  
 Analysis Method: TO-15 Date Collected: \_\_\_\_\_  
 Sample wt/vol: 200 (mL) Date Analyzed: 11/23/2020 11:48  
 Soil Aliquot Vol: \_\_\_\_\_ Dilution Factor: 1  
 Soil Extract Vol.: \_\_\_\_\_ GC Column: RTX-624 ID: 0.32 (mm)  
 % Moisture: \_\_\_\_\_ Level: (low/med) Low  
 Analysis Batch No.: 161394 Units: ppb v/v

| CAS NO.     | COMPOUND NAME                    | RESULT | Q | RL   | RL   |
|-------------|----------------------------------|--------|---|------|------|
| 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 |
| 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 |

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

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-56178-1  
 SDG No.: \_\_\_\_\_  
 Client Sample ID: \_\_\_\_\_ Lab Sample ID: MB 200-161394/4  
 Matrix: Air Lab File ID: 43775-04.D  
 Analysis Method: TO-15 Date Collected: \_\_\_\_\_  
 Sample wt/vol: 200 (mL) Date Analyzed: 11/23/2020 11:48  
 Soil Aliquot Vol: \_\_\_\_\_ Dilution Factor: 1  
 Soil Extract Vol.: \_\_\_\_\_ GC Column: RTX-624 ID: 0.32 (mm)  
 % Moisture: \_\_\_\_\_ Level: (low/med) Low  
 Analysis Batch No.: 161394 Units: ppb v/v

| CAS NO.  | COMPOUND NAME          | RESULT | Q | RL   | RL   |
|----------|------------------------|--------|---|------|------|
| 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 TestAmerica, Burlington  
Target Compound Quantitation Report

Data File: \\chromfs\Burlington\ChromData\CHX.i\20201123-43775.b\43775-04.D  
 Lims ID: mb  
 Client ID:  
 Sample Type: MB  
 Inject. Date: 23-Nov-2020 11:48:30 ALS Bottle#: 3 Worklist Smp#: 4  
 Purge Vol: 200.000 mL Dil. Factor: 1.0000  
 Sample Info: 200-0043775-004  
 Operator ID: ggg Instrument ID: CHX.i  
 Method: \\chromfs\Burlington\ChromData\CHX.i\20201123-43775.b\TO15\_MasterMethod\_X.m.m  
 Limit Group: AI\_TO15\_ICAL  
 Last Update: 24-Nov-2020 10:03:11 Calib Date: 22-Oct-2020 00:48:30  
 Integrator: RTE ID Type: Deconvolution ID  
 Quant Method: Internal Standard Quant By: Initial Calibration  
 Last ICal File: \\chromfs\Burlington\ChromData\CHX.i\20201021-43321.b\43321-13.D  
 Column 1 : RTX-624 ( 0.32 mm) Det: MS SCAN  
 Process Host: CTX1672

First Level Reviewer: puangmaleek

Date: 24-Nov-2020 10:03:11

| Compound                           | Sig | RT<br>(min.) | Adj RT<br>(min.) | Dlt RT<br>(min.) | Q  | Response | Cal Amt<br>ppb v/v | OnCol Amt<br>ppb v/v | Flags |
|------------------------------------|-----|--------------|------------------|------------------|----|----------|--------------------|----------------------|-------|
| 1 Propene                          | 41  |              | 4.343            |                  |    |          |                    | ND                   |       |
| 2 Dichlorodifluoromethane          | 85  |              | 4.439            |                  |    |          |                    | ND                   |       |
| 3 Chlorodifluoromethane            | 51  |              | 4.488            |                  |    |          |                    | ND                   |       |
| 4 1,2-Dichloro-1,1,2,2-tetrafluoro | 85  |              | 4.798            |                  |    |          |                    | ND                   |       |
| 5 Chloromethane                    | 50  |              | 4.921            |                  |    |          |                    | ND                   |       |
| 6 Butane                           | 43  |              | 5.237            |                  |    |          |                    | ND                   |       |
| 7 Vinyl chloride                   | 62  |              | 5.237            |                  |    |          |                    | ND                   |       |
| 8 Butadiene                        | 54  |              | 5.349            |                  |    |          |                    | ND                   |       |
| 10 Bromomethane                    | 94  |              | 6.066            |                  |    |          |                    | ND                   |       |
| 11 Chloroethane                    | 64  |              | 6.339            |                  |    |          |                    | ND                   |       |
| 12 2-Methylbutane                  | 43  |              | 6.537            |                  |    |          |                    | ND                   |       |
| 13 Vinyl bromide                   | 106 |              | 6.756            |                  |    |          |                    | ND                   |       |
| 14 Trichlorofluoromethane          | 101 |              | 6.911            |                  |    |          |                    | ND                   |       |
| 16 Pentane                         | 43  |              | 7.109            |                  |    |          |                    | ND                   | 7     |
| 17 Ethanol                         | 45  | 7.275        | 7.253            | 0.022            | 97 | 2065     |                    | 0.2218               |       |
| 18 Ethyl ether                     | 59  |              | 7.510            |                  |    |          |                    | ND                   |       |
| 19 Acrolein                        | 56  |              | 7.772            |                  |    |          |                    | ND                   |       |
| 21 1,1-Dichloroethene              | 96  |              | 7.976            |                  |    |          |                    | ND                   |       |
| 20 112TCTFE                        | 101 |              | 8.002            |                  |    |          |                    | ND                   |       |
| 22 Acetone                         | 43  |              | 8.034            |                  |    |          |                    | ND                   | 7     |
| 24 Isopropyl alcohol               | 45  | 8.339        | 8.307            | 0.032            | 97 | 3116     |                    | 0.0981               |       |
| 23 Carbon disulfide                | 76  |              | 8.393            |                  |    |          |                    | ND                   |       |
| 26 Acetonitrile                    | 41  |              | 8.553            |                  |    |          |                    | ND                   |       |
| 25 3-Chloro-1-propene              | 41  |              | 8.671            |                  |    |          |                    | ND                   |       |
| 27 Methylene Chloride              | 49  |              | 8.906            |                  |    |          |                    | ND                   |       |
| 28 2-Methyl-2-propanol             | 59  |              | 9.067            |                  |    |          |                    | ND                   |       |
| 32 Acrylonitrile                   | 53  |              | 9.308            |                  |    |          |                    | ND                   |       |
| 29 Methyl tert-butyl ether         | 73  |              | 9.383            |                  |    |          |                    | ND                   |       |
| 31 trans-1,2-Dichloroethene        | 61  |              | 9.404            |                  |    |          |                    | ND                   |       |
| S 30 1,2-Dichloroethene, Total     | 61  |              | 9.665            |                  |    |          |                    | ND                   | 7     |
| 33 Hexane                          | 57  |              | 9.896            |                  |    |          |                    | ND                   |       |
| 35 Vinyl acetate                   | 43  |              | 10.164           |                  |    |          |                    | 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 1,1-Dichloroethane          | 63  |           | 10.174         |               |    |          |                 | ND                |       |
| 38 2-Butanone (MEK)            | 72  |           | 11.121         |               |    |          |                 | ND                |       |
| 37 cis-1,2-Dichloroethene      | 96  |           | 11.164         |               |    |          |                 | ND                |       |
| 39 Ethyl acetate               | 88  |           | 11.196         |               |    |          |                 | ND                |       |
| * 40 Chlorobromomethane        | 128 | 11.587    | 11.587         | 0.000         | 91 | 134648   | 10.0            | 10.0              |       |
| 41 Tetrahydrofuran             | 42  |           | 11.597         |               |    |          |                 | ND                |       |
| 42 Chloroform                  | 83  |           | 11.758         |               |    |          |                 | ND                |       |
| 44 1,1,1-Trichloroethane       | 97  |           | 12.057         |               |    |          |                 | ND                |       |
| 43 Cyclohexane                 | 84  |           | 12.191         |               |    |          |                 | ND                |       |
| 45 Carbon tetrachloride        | 117 |           | 12.330         |               |    |          |                 | ND                |       |
| 47 Benzene                     | 78  |           | 12.683         |               |    |          |                 | ND                | 7     |
| 48 1,2-Dichloroethane          | 62  |           | 12.774         |               |    |          |                 | ND                |       |
| 46 Isooctane                   | 57  |           | 12.876         |               |    |          |                 | ND                |       |
| 49 n-Heptane                   | 43  |           | 13.186         |               |    |          |                 | ND                |       |
| * 50 1,4-Difluorobenzene       | 114 | 13.422    | 13.422         | 0.000         | 94 | 690955   | 10.0            | 10.0              |       |
| 52 n-Butanol                   | 56  |           | 13.609         |               |    |          |                 | ND                | 7     |
| 53 Trichloroethene             | 95  |           | 13.850         |               |    |          |                 | ND                |       |
| A 51 GRO                       | 1   | 14.203    | (6.527-21.879) |               | 0  | 1549537  |                 | 0                 |       |
| 54 1,2-Dichloropropane         | 63  |           | 14.320         |               |    |          |                 | ND                |       |
| 55 Methyl methacrylate         | 69  |           | 14.374         |               |    |          |                 | ND                |       |
| 56 1,4-Dioxane                 | 88  |           | 14.422         |               |    |          |                 | ND                |       |
| 57 Dibromomethane              | 174 |           | 14.476         |               |    |          |                 | ND                |       |
| 58 Dichlorobromomethane        | 83  |           | 14.786         |               |    |          |                 | ND                |       |
| 60 cis-1,3-Dichloropropene     | 75  |           | 15.578         |               |    |          |                 | ND                | 7     |
| A 59 TVOC as Toluene           | 92  | 15.580    | (4.333-26.827) |               | 0  | 1664525  |                 | 0                 |       |
| 61 4-Methyl-2-pentanone (MIBK) | 43  |           | 15.818         |               |    |          |                 | ND                | 7     |
| 65 Toluene                     | 92  |           | 16.214         |               |    |          |                 | ND                | 7     |
| 64 n-Octane                    | 43  |           | 16.439         |               |    |          |                 | ND                | 7     |
| 66 trans-1,3-Dichloropropene   | 75  |           | 16.637         |               |    |          |                 | ND                | 7     |
| 67 1,1,2-Trichloroethane       | 83  |           | 17.017         |               |    |          |                 | ND                |       |
| 68 Tetrachloroethene           | 166 |           | 17.199         |               |    |          |                 | ND                |       |
| 69 2-Hexanone                  | 43  |           | 17.396         |               |    |          |                 | ND                | 7     |
| 71 Chlorodibromomethane        | 129 |           | 17.760         |               |    |          |                 | ND                | 7     |
| 72 Ethylene Dibromide          | 107 | 18.006    | 18.001         | 0.005         | 92 | 753      |                 | 0.0212            |       |
| * 74 Chlorobenzene-d5          | 117 | 18.900    | 18.894         | 0.006         | 87 | 542023   | 10.0            | 10.0              |       |
| 75 Chlorobenzene               | 112 | 18.953    | 18.959         | -0.006        | 82 | 1227     |                 | 0.0215            |       |
| 76 Ethylbenzene                | 91  | 19.140    | 19.140         | 0.000         | 90 | 1972     |                 | 0.0201            |       |
| 78 m-Xylene & p-Xylene         | 106 | 19.392    | 19.392         | -0.005        | 0  | 1717     |                 | 0.0457            | M     |
| 77 n-Nonane                    | 57  |           | 19.445         |               |    |          |                 | ND                |       |
| S 73 Xylenes, Total            | 106 |           |                |               | 0  |          |                 | 0.0617            |       |
| 79 o-Xylene                    | 106 | 20.173    | 20.173         | 0.000         | 58 | 589      |                 | 0.0160            |       |
| 80 Styrene                     | 104 | 20.210    | 20.216         | -0.006        | 93 | 1560     |                 | 0.0292            |       |
| 81 Bromoform                   | 173 | 20.580    | 20.574         | 0.006         | 89 | 953      |                 | 0.0278            |       |
| 82 Isopropylbenzene            | 105 |           | 20.858         |               |    |          |                 | ND                | 7     |
| 84 1,1,2,2-Tetrachloroethane   | 83  | 21.382    | 21.382         | 0.000         | 86 | 1484     |                 | 0.0270            |       |
| 86 1,2,3-Trichloropropane      | 75  |           | 21.484         |               |    |          |                 | ND                | 7     |
| 85 N-Propylbenzene             | 91  | 21.564    | 21.564         | 0.000         | 98 | 3411     |                 | 0.0279            |       |
| 89 2-Chlorotoluene             | 91  | 21.714    | 21.714         | 0.000         | 90 | 2633     |                 | 0.0337            |       |
| 88 4-Ethyltoluene              | 105 | 21.762    | 21.762         | 0.000         | 95 | 3028     |                 | 0.0306            |       |
| 90 1,3,5-Trimethylbenzene      | 105 | 21.847    | 21.853         | -0.006        | 86 | 1107     |                 | 0.0125            |       |
| 87 n-Decane                    | 57  |           | 21.869         |               |    |          |                 | ND                |       |
| 91 Alpha Methyl Styrene        | 118 | 22.184    | 22.179         | 0.005         | 82 | 1144     |                 | 0.0284            |       |

| Compound                   | Sig | RT (min.) | Adj RT (min.) | Dlt RT (min.) | Q  | Response | Cal Amt ppb v/v | OnCol Amt ppb v/v | Flags |
|----------------------------|-----|-----------|---------------|---------------|----|----------|-----------------|-------------------|-------|
| 92 tert-Butylbenzene       | 119 |           | 22.329        |               |    |          |                 | ND                |       |
| 93 1,2,4-Trimethylbenzene  | 105 | 22.414    | 22.414        | 0.000         | 90 | 1778     |                 | 0.0210            |       |
| 94 sec-Butylbenzene        | 105 |           | 22.650        |               |    |          |                 | ND                | 7     |
| 96 1,3-Dichlorobenzene     | 146 | 22.832    | 22.832        | 0.000         | 96 | 3241     |                 | 0.0774            |       |
| 95 4-Isopropyltoluene      | 119 | 22.864    | 22.864        | 0.000         | 92 | 1122     |                 | 0.0109            |       |
| 97 1,4-Dichlorobenzene     | 146 | 22.971    | 22.971        | 0.000         | 94 | 3308     |                 | 0.0910            |       |
| 98 Benzyl chloride         | 91  | 23.121    | 23.115        | 0.006         | 97 | 3272     |                 | 0.0733            |       |
| 100 n-Butylbenzene         | 91  | 23.415    | 23.420        | -0.005        | 94 | 2652     |                 | 0.0307            |       |
| 101 1,2-Dichlorobenzene    | 146 | 23.468    | 23.463        | 0.005         | 92 | 3474     |                 | 0.0772            |       |
| 99 Undecane                | 57  |           | 23.554        |               |    |          |                 | ND                | 7     |
| 102 Dodecane               | 57  |           | 25.148        |               |    |          |                 | ND                |       |
| 103 1,2,4-Trichlorobenzene | 180 | 25.919    | 25.919        | 0.000         | 90 | 2069     |                 | 0.1065            |       |
| 104 Hexachlorobutadiene    | 225 |           | 26.149        |               |    |          |                 | ND                | 7     |
| 105 Naphthalene            | 128 | 26.405    | 26.405        | 0.000         | 97 | 3571     |                 | 0.0704            |       |
| 106 1,2,3-Trichlorobenzene | 180 | 26.823    | 26.817        | 0.006         | 82 | 2065     |                 | 0.0814            |       |
| 122 Total Alkanes TIC      | 1   |           | 0.000         |               |    |          |                 | ND                |       |
| 123 Methylcyclohexane      | 83  |           | 0.000         |               |    |          |                 | ND                |       |

**QC Flag Legend**

Processing Flags

7 - Failed Limit of Detection

Review Flags

M - Manually Integrated

**Reagents:**

ATTO15XISs\_00002

Amount Added: 20.00

Units: mL

Run Reagent

Report Date: 24-Nov-2020 10:03:11

Chrom Revision: 2.3 12-Nov-2020 21:52:08

Eurofins TestAmerica, Burlington

Data File: \\chromfs\Burlington\ChromData\CHX.i\20201123-43775.b\43775-04.D

Injection Date: 23-Nov-2020 11:48:30

Instrument ID: CHX.i

Operator ID: ggg

Lims ID: mb

Worklist Smp#: 4

Client ID:

Purge Vol: 200.000 mL

Dil. Factor: 1.0000

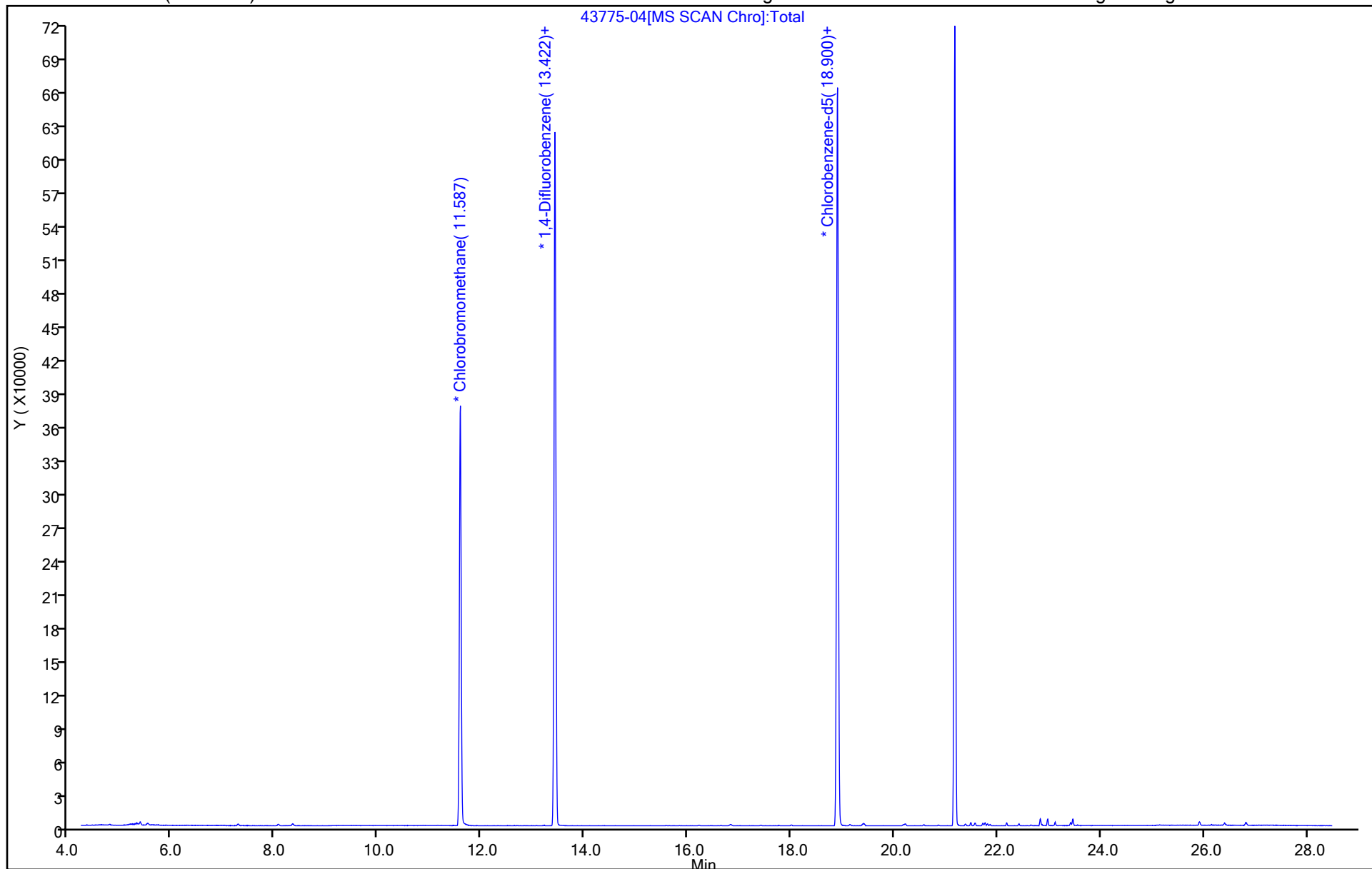
ALS Bottle#: 3

Method: TO15\_MasterMethod\_X.m

Limit Group: AI\_TO15\_ICAL

Column: RTX-624 ( 0.32 mm)

Y Scaling: Method Defined: Scale to the Nth Largest Target: 1





## Eurofins TestAmerica, Burlington

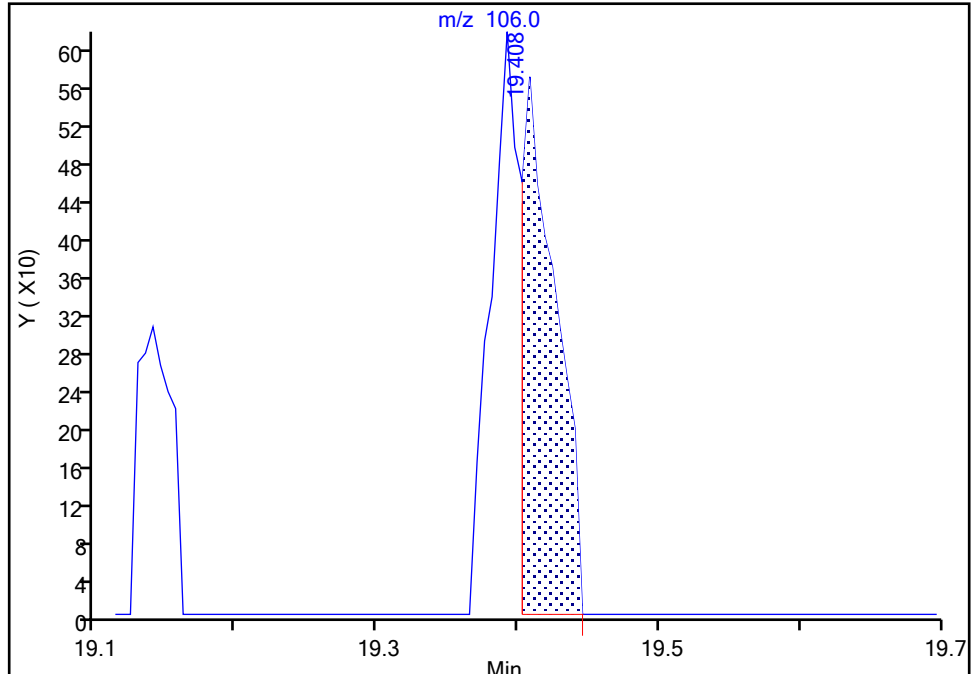
Data File: \\chromfs\Burlington\ChromData\CHX.i\20201123-43775.b\43775-04.D  
Injection Date: 23-Nov-2020 11:48:30 Instrument ID: CHX.i  
Lims ID: mb  
Client ID:  
Operator ID: ggg ALS Bottle#: 3 Worklist Smp#: 4  
Purge Vol: 200.000 mL Dil. Factor: 1.0000  
Method: TO15\_MasterMethod\_X.m Limit Group: AI\_TO15\_ICAL  
Column: RTX-624 ( 0.32 mm) Detector: MS SCAN

**78 m-Xylene & p-Xylene, CAS: 179601-23-1**

Signal: 1

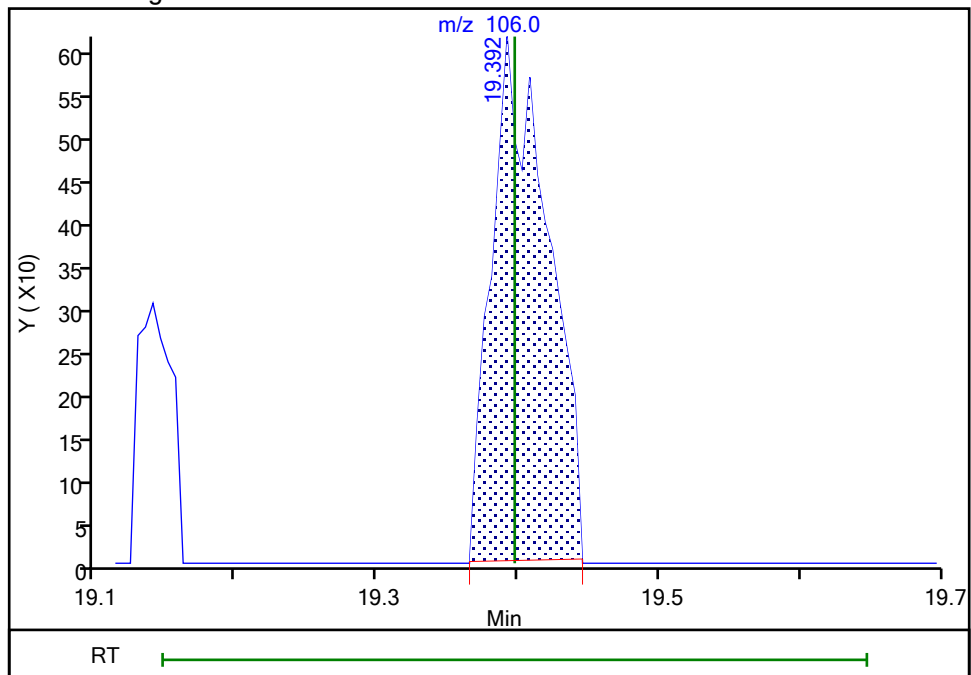
RT: 19.41  
Area: 967  
Amount: 0.025724  
Amount Units: ppb v/v

## Processing Integration Results



RT: 19.39  
Area: 1717  
Amount: 0.045676  
Amount Units: ppb v/v

## Manual Integration Results



Reviewer: puangmaleek, 24-Nov-2020 10:02:27

Audit Action: Manually Integrated

Audit Reason: Assign Peak

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

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-56158-1  
SDG No.: \_\_\_\_\_  
Lab File ID: 43343-01.D BFB Injection Date: 10/22/2020  
Instrument ID: CHC.i BFB Injection Time: 14:36  
Analysis Batch No.: 160312

| M/E | ION ABUNDANCE CRITERIA             | % RELATIVE ABUNDANCE |
|-----|------------------------------------|----------------------|
| 50  | 8.0 - 40.0% of mass 95             | 16.0                 |
| 75  | 30.0 - 66.0% of mass 95            | 46.3                 |
| 95  | Base peak, 100% relative abundance | 100.0                |
| 96  | 5.0 - 9.0% of mass 95              | 6.5                  |
| 173 | Less than 2.0% of mass 174         | 0.0 (0.0) 1          |
| 174 | 50.0 - 120.0% of mass 95           | 102.0                |
| 175 | 4.0 - 9.0 % of mass 174            | 7.7 (7.6) 1          |
| 176 | 93.0 - 101.0% of mass 174          | 99.3 (97.4) 1        |
| 177 | 5.0 - 9.0% of mass 176             | 6.5 (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 |
|------------------|-------------------|-------------|---------------|---------------|
|                  | IC 200-160312/4   | 43343-04.D  | 10/22/2020    | 17:37         |
|                  | IC 200-160312/5   | 43343-05.D  | 10/22/2020    | 18:31         |
|                  | IC 200-160312/6   | 43343-06.D  | 10/22/2020    | 19:25         |
|                  | IC 200-160312/7   | 43343-07.D  | 10/22/2020    | 20:19         |
|                  | ICIS 200-160312/8 | 43343-08.D  | 10/22/2020    | 21:13         |
|                  | IC 200-160312/9   | 43343-09.D  | 10/22/2020    | 22:07         |
|                  | IC 200-160312/12  | 43343-12.D  | 10/23/2020    | 0:50          |
|                  | IC 200-160312/13  | 43343-13.D  | 10/23/2020    | 1:45          |
|                  | ICV 200-160312/18 | 43343-18.D  | 10/23/2020    | 6:17          |

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

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-56158-1  
SDG No.: \_\_\_\_\_  
Lab File ID: 43776-01.D BFB Injection Date: 11/23/2020  
Instrument ID: CHC.i BFB Injection Time: 09:22  
Analysis Batch No.: 161395

| M/E | ION ABUNDANCE CRITERIA             | % RELATIVE ABUNDANCE |
|-----|------------------------------------|----------------------|
| 50  | 8.0 - 40.0% of mass 95             | 18.6                 |
| 75  | 30.0 - 66.0% of mass 95            | 50.2                 |
| 95  | Base peak, 100% relative abundance | 100.0                |
| 96  | 5.0 - 9.0% of mass 95              | 6.8                  |
| 173 | Less than 2.0% of mass 174         | 0.0 (0.0) 1          |
| 174 | 50.0 - 120.0% of mass 95           | 100.7                |
| 175 | 4.0 - 9.0 % of mass 174            | 8.0 (8.0) 1          |
| 176 | 93.0 - 101.0% of mass 174          | 98.7 (98.0) 1        |
| 177 | 5.0 - 9.0% of mass 176             | 6.7 (6.8) 2          |

1-Value is % mass 174

2-Value is % mass 176

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

| CLIENT SAMPLE ID | LAB SAMPLE ID      | LAB FILE ID | DATE ANALYZED | TIME ANALYZED |
|------------------|--------------------|-------------|---------------|---------------|
|                  | CCVIS 200-161395/2 | 43776-02.D  | 11/23/2020    | 10:23         |
|                  | LCS 200-161395/3   | 43776-03.D  | 11/23/2020    | 11:17         |
|                  | MB 200-161395/4    | 43776-04.D  | 11/23/2020    | 12:11         |
| 5099             | 200-56158-3        | 43776-15.D  | 11/23/2020    | 22:28         |

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

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-56177-1  
SDG No.: \_\_\_\_\_  
Lab File ID: 43321-01.D BFB Injection Date: 10/21/2020  
Instrument ID: CHX.i BFB Injection Time: 14:06  
Analysis Batch No.: 160253

| M/E | ION ABUNDANCE CRITERIA             | % RELATIVE ABUNDANCE |
|-----|------------------------------------|----------------------|
| 50  | 8.0 - 40.0% of mass 95             | 18.2                 |
| 75  | 30.0 - 66.0% of mass 95            | 47.2                 |
| 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         | 0.8 (0.8) 1          |
| 174 | 50.0 - 120.0% of mass 95           | 94.1                 |
| 175 | 4.0 - 9.0 % of mass 174            | 6.8 (7.2) 1          |
| 176 | 93.0 - 101.0% of mass 174          | 91.4 (97.2) 1        |
| 177 | 5.0 - 9.0% of mass 176             | 6.0 (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 |
|------------------|-------------------|-------------|---------------|---------------|
|                  | IC 200-160253/4   | 43321-04.D  | 10/21/2020    | 16:49         |
|                  | IC 200-160253/5   | 43321-05.D  | 10/21/2020    | 17:42         |
|                  | IC 200-160253/6   | 43321-06.D  | 10/21/2020    | 18:35         |
|                  | IC 200-160253/7   | 43321-07.D  | 10/21/2020    | 19:29         |
|                  | ICIS 200-160253/8 | 43321-08.D  | 10/21/2020    | 20:22         |
|                  | IC 200-160253/9   | 43321-09.D  | 10/21/2020    | 21:15         |
|                  | IC 200-160253/12  | 43321-12.D  | 10/21/2020    | 23:55         |
|                  | IC 200-160253/13  | 43321-13.D  | 10/22/2020    | 0:48          |
|                  | ICV 200-160253/16 | 43321-16.D  | 10/22/2020    | 3:27          |

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

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-56177-1  
SDG No.: \_\_\_\_\_  
Lab File ID: 43775-01.D BFB Injection Date: 11/23/2020  
Instrument ID: CHX.i BFB Injection Time: 09:12  
Analysis Batch No.: 161394

| M/E | ION ABUNDANCE CRITERIA             | % RELATIVE ABUNDANCE |
|-----|------------------------------------|----------------------|
| 50  | 8.0 - 40.0% of mass 95             | 16.6                 |
| 75  | 30.0 - 66.0% of mass 95            | 45.8                 |
| 95  | Base peak, 100% relative abundance | 100.0                |
| 96  | 5.0 - 9.0% of mass 95              | 6.5                  |
| 173 | Less than 2.0% of mass 174         | 0.7 (0.8) 1          |
| 174 | 50.0 - 120.0% of mass 95           | 89.9                 |
| 175 | 4.0 - 9.0 % of mass 174            | 6.6 (7.3) 1          |
| 176 | 93.0 - 101.0% of mass 174          | 87.4 (97.2) 1        |
| 177 | 5.0 - 9.0% of mass 176             | 5.7 (6.5) 2          |

1-Value is % mass 174

2-Value is % mass 176

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

| CLIENT SAMPLE ID | LAB SAMPLE ID      | LAB FILE ID | DATE ANALYZED | TIME ANALYZED |
|------------------|--------------------|-------------|---------------|---------------|
|                  | CCVIS 200-161394/2 | 43775-02.D  | 11/23/2020    | 10:02         |
|                  | LCS 200-161394/3   | 43775-03.D  | 11/23/2020    | 10:55         |
|                  | MB 200-161394/4    | 43775-04.D  | 11/23/2020    | 11:48         |
| 5093             | 200-56177-4        | 43775-21.D  | 11/24/2020    | 2:59          |

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

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-56178-1  
SDG No.: \_\_\_\_\_  
Lab File ID: 43321-01.D BFB Injection Date: 10/21/2020  
Instrument ID: CHX.i BFB Injection Time: 14:06  
Analysis Batch No.: 160253

| M/E | ION ABUNDANCE CRITERIA             | % RELATIVE ABUNDANCE |
|-----|------------------------------------|----------------------|
| 50  | 8.0 - 40.0% of mass 95             | 18.2                 |
| 75  | 30.0 - 66.0% of mass 95            | 47.2                 |
| 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         | 0.8 (0.8) 1          |
| 174 | 50.0 - 120.0% of mass 95           | 94.1                 |
| 175 | 4.0 - 9.0 % of mass 174            | 6.8 (7.2) 1          |
| 176 | 93.0 - 101.0% of mass 174          | 91.4 (97.2) 1        |
| 177 | 5.0 - 9.0% of mass 176             | 6.0 (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 |
|------------------|-------------------|-------------|---------------|---------------|
|                  | IC 200-160253/4   | 43321-04.D  | 10/21/2020    | 16:49         |
|                  | IC 200-160253/5   | 43321-05.D  | 10/21/2020    | 17:42         |
|                  | IC 200-160253/6   | 43321-06.D  | 10/21/2020    | 18:35         |
|                  | IC 200-160253/7   | 43321-07.D  | 10/21/2020    | 19:29         |
|                  | ICIS 200-160253/8 | 43321-08.D  | 10/21/2020    | 20:22         |
|                  | IC 200-160253/9   | 43321-09.D  | 10/21/2020    | 21:15         |
|                  | IC 200-160253/12  | 43321-12.D  | 10/21/2020    | 23:55         |
|                  | IC 200-160253/13  | 43321-13.D  | 10/22/2020    | 0:48          |
|                  | ICV 200-160253/16 | 43321-16.D  | 10/22/2020    | 3:27          |

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

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-56178-1

SDG No.: \_\_\_\_\_

Lab File ID: 43775-01.D BFB Injection Date: 11/23/2020

Instrument ID: CHX.i BFB Injection Time: 09:12

Analysis Batch No.: 161394

| M/E | ION ABUNDANCE CRITERIA             | % RELATIVE ABUNDANCE |
|-----|------------------------------------|----------------------|
| 50  | 8.0 - 40.0% of mass 95             | 16.6                 |
| 75  | 30.0 - 66.0% of mass 95            | 45.8                 |
| 95  | Base peak, 100% relative abundance | 100.0                |
| 96  | 5.0 - 9.0% of mass 95              | 6.5                  |
| 173 | Less than 2.0% of mass 174         | 0.7 (0.8) 1          |
| 174 | 50.0 - 120.0% of mass 95           | 89.9                 |
| 175 | 4.0 - 9.0 % of mass 174            | 6.6 (7.3) 1          |
| 176 | 93.0 - 101.0% of mass 174          | 87.4 (97.2) 1        |
| 177 | 5.0 - 9.0% of mass 176             | 5.7 (6.5) 2          |

1-Value is % mass 174

2-Value is % mass 176

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

| CLIENT SAMPLE ID | LAB SAMPLE ID      | LAB FILE ID | DATE ANALYZED | TIME ANALYZED |
|------------------|--------------------|-------------|---------------|---------------|
|                  | CCVIS 200-161394/2 | 43775-02.D  | 11/23/2020    | 10:02         |
|                  | LCS 200-161394/3   | 43775-03.D  | 11/23/2020    | 10:55         |
|                  | MB 200-161394/4    | 43775-04.D  | 11/23/2020    | 11:48         |
| 8132             | 200-56178-4        | 43775-16.D  | 11/23/2020    | 22:29         |

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

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-56158-1  
 SDG No.: \_\_\_\_\_  
 Sample No.: ICIS 200-160312/8 Date Analyzed: 10/22/2020 21:13  
 Instrument ID: CHC.i GC Column: RTX-624 ID: 0.32 (mm)  
 Lab File ID (Standard): 43343-08.D Heated Purge: (Y/N) N  
 Calibration ID: 44349

|                               | BCM              |        | DFBZ    |         | CBNZd5  |         |       |
|-------------------------------|------------------|--------|---------|---------|---------|---------|-------|
|                               | AREA #           | RT #   | AREA #  | RT #    | AREA #  | RT #    |       |
| INITIAL CALIBRATION MID-POINT | 407686           | 9.86   | 2450620 | 11.83   | 2848008 | 17.85   |       |
| UPPER LIMIT                   | 570760           | 10.19  | 3430868 | 12.16   | 3987211 | 18.18   |       |
| LOWER LIMIT                   | 244612           | 9.53   | 1470372 | 11.50   | 1708805 | 17.52   |       |
| LAB SAMPLE ID                 | CLIENT SAMPLE ID |        |         |         |         |         |       |
| ICV 200-160312/18             |                  | 449785 | 9.86    | 2614387 | 11.83   | 2956362 | 17.85 |

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

Area Limit = 60%-140% of internal standard area  
 RT Limit =  $\pm$  0.33 minutes of internal standard RT

# Column used to flag values outside QC limits



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

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-56158-1  
 SDG No.: \_\_\_\_\_  
 Sample No.: CCVIS 200-161395/2 Date Analyzed: 11/23/2020 10:23  
 Instrument ID: CHC.i GC Column: RTX-624 ID: 0.32 (mm)  
 Lab File ID (Standard): 43776-02.D Heated Purge: (Y/N) N  
 Calibration ID: 44349

|                  |  | BCM              |        | DFBZ    |         | CBNZd5  |         |
|------------------|--|------------------|--------|---------|---------|---------|---------|
|                  |  | AREA #           | RT #   | AREA #  | RT #    | AREA #  | RT #    |
| 12/24 HOUR STD   |  | 248568           | 9.83   | 1414001 | 11.80   | 1603551 | 17.83   |
| UPPER LIMIT      |  | 347995           | 10.16  | 1979601 | 12.13   | 2244971 | 18.16   |
| LOWER LIMIT      |  | 149141           | 9.50   | 848401  | 11.47   | 962131  | 17.50   |
| LAB SAMPLE ID    |  | CLIENT SAMPLE ID |        |         |         |         |         |
| LCS 200-161395/3 |  | 278356           | 9.83   | 1560958 | 11.80   | 1736837 | 17.83   |
| MB 200-161395/4  |  | 285430           | 9.84   | 1630569 | 11.80   | 1676757 | 17.83   |
| 200-56158-3      |  | 5099             | 279519 | 9.84    | 1584315 | 11.80   | 1614819 |

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

Area Limit = 60%-140% of internal standard area  
 RT Limit =  $\pm$  0.33 minutes of internal standard RT

# Column used to flag values outside QC limits

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

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-56177-1  
 SDG No.: \_\_\_\_\_  
 Sample No.: ICIS 200-160253/8 Date Analyzed: 10/21/2020 20:22  
 Instrument ID: CHX.i GC Column: RTX-624 ID: 0.32 (mm)  
 Lab File ID (Standard): 43321-08.D Heated Purge: (Y/N) N  
 Calibration ID: 44344

|                               | BCM              |        | DFBZ    |         | CBNZd5  |         |       |
|-------------------------------|------------------|--------|---------|---------|---------|---------|-------|
|                               | AREA #           | RT #   | AREA #  | RT #    | AREA #  | RT #    |       |
| INITIAL CALIBRATION MID-POINT | 467441           | 11.59  | 2311347 | 13.42   | 1958612 | 18.90   |       |
| UPPER LIMIT                   | 654417           | 11.92  | 3235886 | 13.75   | 2742057 | 19.23   |       |
| LOWER LIMIT                   | 280465           | 11.26  | 1386808 | 13.09   | 1175167 | 18.57   |       |
| LAB SAMPLE ID                 | CLIENT SAMPLE ID |        |         |         |         |         |       |
| ICV 200-160253/16             |                  | 518987 | 11.59   | 2578851 | 13.42   | 2155472 | 18.90 |

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

Area Limit = 60%-140% of internal standard area  
 RT Limit =  $\pm$  0.33 minutes of internal standard RT

# Column used to flag values outside QC limits

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

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-56177-1  
 SDG No.: \_\_\_\_\_  
 Sample No.: CCVIS 200-161394/2 Date Analyzed: 11/23/2020 10:02  
 Instrument ID: CHX.i GC Column: RTX-624 ID: 0.32 (mm)  
 Lab File ID (Standard): 43775-02.D Heated Purge: (Y/N) N  
 Calibration ID: 44344

|                  |  | BCM              |        | DFBZ    |        | CBNZd5 |        |       |
|------------------|--|------------------|--------|---------|--------|--------|--------|-------|
|                  |  | AREA #           | RT #   | AREA #  | RT #   | AREA # | RT #   |       |
| 12/24 HOUR STD   |  | 147871           | 11.59  | 721002  | 13.42  | 616073 | 18.89  |       |
| UPPER LIMIT      |  | 207019           | 11.92  | 1009403 | 13.75  | 862502 | 19.22  |       |
| LOWER LIMIT      |  | 88723            | 11.26  | 432601  | 13.09  | 369644 | 18.56  |       |
| LAB SAMPLE ID    |  | CLIENT SAMPLE ID |        |         |        |        |        |       |
| LCS 200-161394/3 |  | 136094           | 11.59  | 687140  | 13.42  | 595141 | 18.90  |       |
| MB 200-161394/4  |  | 134648           | 11.59  | 690955  | 13.42  | 542023 | 18.90  |       |
| 200-56177-4      |  | 5093             | 115890 | 11.58   | 596688 | 13.42  | 469221 | 18.90 |

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

Area Limit = 60%-140% of internal standard area  
 RT Limit =  $\pm$  0.33 minutes of internal standard RT

# Column used to flag values outside QC limits

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

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-56178-1  
 SDG No.: \_\_\_\_\_  
 Sample No.: ICIS 200-160253/8 Date Analyzed: 10/21/2020 20:22  
 Instrument ID: CHX.i GC Column: RTX-624 ID: 0.32 (mm)  
 Lab File ID (Standard): 43321-08.D Heated Purge: (Y/N) N  
 Calibration ID: 44344

|                               | BCM              |        | DFBZ    |         | CBNZd5  |         |       |
|-------------------------------|------------------|--------|---------|---------|---------|---------|-------|
|                               | AREA #           | RT #   | AREA #  | RT #    | AREA #  | RT #    |       |
| INITIAL CALIBRATION MID-POINT | 467441           | 11.59  | 2311347 | 13.42   | 1958612 | 18.90   |       |
| UPPER LIMIT                   | 654417           | 11.92  | 3235886 | 13.75   | 2742057 | 19.23   |       |
| LOWER LIMIT                   | 280465           | 11.26  | 1386808 | 13.09   | 1175167 | 18.57   |       |
| LAB SAMPLE ID                 | CLIENT SAMPLE ID |        |         |         |         |         |       |
| ICV 200-160253/16             |                  | 518987 | 11.59   | 2578851 | 13.42   | 2155472 | 18.90 |

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

Area Limit = 60%-140% of internal standard area  
 RT Limit =  $\pm$  0.33 minutes of internal standard RT

# Column used to flag values outside QC limits

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

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-56178-1  
 SDG No.: \_\_\_\_\_  
 Sample No.: CCVIS 200-161394/2 Date Analyzed: 11/23/2020 10:02  
 Instrument ID: CHX.i GC Column: RTX-624 ID: 0.32 (mm)  
 Lab File ID (Standard): 43775-02.D Heated Purge: (Y/N) N  
 Calibration ID: 44344

|                  |  | BCM              |        | DFBZ    |        | CBNZd5 |        |
|------------------|--|------------------|--------|---------|--------|--------|--------|
|                  |  | AREA #           | RT #   | AREA #  | RT #   | AREA # | RT #   |
| 12/24 HOUR STD   |  | 147871           | 11.59  | 721002  | 13.42  | 616073 | 18.89  |
| UPPER LIMIT      |  | 207019           | 11.92  | 1009403 | 13.75  | 862502 | 19.22  |
| LOWER LIMIT      |  | 88723            | 11.26  | 432601  | 13.09  | 369644 | 18.56  |
| LAB SAMPLE ID    |  | CLIENT SAMPLE ID |        |         |        |        |        |
| LCS 200-161394/3 |  | 136094           | 11.59  | 687140  | 13.42  | 595141 | 18.90  |
| MB 200-161394/4  |  | 134648           | 11.59  | 690955  | 13.42  | 542023 | 18.90  |
| 200-56178-4      |  | 8132             | 133598 | 11.58   | 687503 | 13.42  | 507692 |
|                  |  |                  |        |         |        |        |        |

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

Area Limit = 60%-140% of internal standard area  
 RT Limit =  $\pm$  0.33 minutes of internal standard RT

# Column used to flag values outside QC limits

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

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-56158-1  
 SDG No.: \_\_\_\_\_  
 Client Sample ID: 5099 Lab Sample ID: 200-56158-3  
 Matrix: Air Lab File ID: 43776-15.D  
 Analysis Method: TO-15 Date Collected: 11/20/2020 00:00  
 Sample wt/vol: 1000 (mL) Date Analyzed: 11/23/2020 22:28  
 Soil Aliquot Vol: \_\_\_\_\_ Dilution Factor: 0.2  
 Soil Extract Vol.: \_\_\_\_\_ GC Column: RTX-624 ID: 0.32 (mm)  
 % Moisture: \_\_\_\_\_ Level: (low/med) Low  
 Analysis Batch No.: 161395 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                      | 0.040  | U | 0.040 | 0.040 |
| 75-34-3   | 1,1-Dichloroethane            | 0.040  | U | 0.040 | 0.040 |
| 108-05-4  | Vinyl acetate                 | 1.0    | U | 1.0   | 1.0   |
| 141-78-6  | Ethyl acetate                 | 1.0    | U | 1.0   | 1.0   |
| 78-93-3   | Methyl Ethyl Ketone           | 0.10   | U | 0.10  | 0.10  |
| 156-59-2  | cis-1,2-Dichloroethene        | 0.040  | U | 0.040 | 0.040 |
| 540-59-0  | 1,2-Dichloroethene, Total     | 0.080  | U | 0.080 | 0.080 |
| 67-66-3   | Chloroform                    | 0.040  | U | 0.040 | 0.040 |
| 109-99-9  | Tetrahydrofuran               | 1.0    | U | 1.0   | 1.0   |
| 71-55-6   | 1,1,1-Trichloroethane         | 0.040  | U | 0.040 | 0.040 |
| 110-82-7  | Cyclohexane                   | 0.040  | U | 0.040 | 0.040 |
| 56-23-5   | Carbon tetrachloride          | 0.040  | U | 0.040 | 0.040 |
| 540-84-1  | 2,2,4-Trimethylpentane        | 0.040  | U | 0.040 | 0.040 |

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

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-56158-1

SDG No.: \_\_\_\_\_

Client Sample ID: 5099 Lab Sample ID: 200-56158-3

Matrix: Air Lab File ID: 43776-15.D

Analysis Method: TO-15 Date Collected: 11/20/2020 00:00

Sample wt/vol: 1000 (mL) Date Analyzed: 11/23/2020 22:28

Soil Aliquot Vol: \_\_\_\_\_ Dilution Factor: 0.2

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

% Moisture: \_\_\_\_\_ Level: (low/med) Low

Analysis Batch No.: 161395 Units: ppb v/v

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

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

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-56158-1  
SDG No.: \_\_\_\_\_  
Client Sample ID: 5099 Lab Sample ID: 200-56158-3  
Matrix: Air Lab File ID: 43776-15.D  
Analysis Method: TO-15 Date Collected: 11/20/2020 00:00  
Sample wt/vol: 1000 (mL) Date Analyzed: 11/23/2020 22:28  
Soil Aliquot Vol: \_\_\_\_\_ Dilution Factor: 0.2  
Soil Extract Vol.: \_\_\_\_\_ GC Column: RTX-624 ID: 0.32 (mm)  
% Moisture: \_\_\_\_\_ Level: (low/med) Low  
Analysis Batch No.: 161395 Units: ppb v/v

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



Eurofins TestAmerica, Burlington  
Target Compound Quantitation Report

Data File: \\chromfs\Burlington\ChromData\CHC.i\20201123-43776.b\43776-15.D  
 Lims ID: 200-56158-A-3  
 Client ID: 5099  
 Sample Type: Client  
 Inject. Date: 23-Nov-2020 22:28:30 ALS Bottle#: 14 Worklist Smp#: 15  
 Purge Vol: 200.000 mL Dil. Factor: 0.2000  
 Sample Info: 200-0043776-015  
 Misc. Info.: 56158-3  
 Operator ID: ggg Instrument ID: CHC.i  
 Method: \\chromfs\Burlington\ChromData\CHC.i\20201123-43776.b\TO15\_MasterMethod\_(v1)\_CHC.i.m  
 Limit Group: AI\_TO15\_ICAL  
 Last Update: 24-Nov-2020 12:03:04 Calib Date: 23-Oct-2020 01:45:30  
 Integrator: RTE ID Type: Deconvolution ID  
 Quant Method: Internal Standard Quant By: Initial Calibration  
 Last ICal File: \\chromfs\Burlington\ChromData\CHC.i\20201022-43343.b\43343-13.D  
 Column 1 : RTX-624 ( 0.32 mm) Det: MS SCAN  
 Process Host: CTX1643

First Level Reviewer: bunmaa

Date: 24-Nov-2020 12:08:04

| Compound                           | Sig | RT (min.) | Adj RT (min.) | Dlt RT (min.) | Q  | Response | OnCol Amt ppb v/v | Flags |
|------------------------------------|-----|-----------|---------------|---------------|----|----------|-------------------|-------|
| 1 Propene                          | 41  |           | 2.907         |               |    |          | ND                | 7     |
| 2 Dichlorodifluoromethane          | 85  |           | 2.971         |               |    |          | ND                |       |
| 3 Chlorodifluoromethane            | 51  |           | 3.008         |               |    |          | ND                | 7     |
| 4 1,2-Dichloro-1,1,2,2-tetrafluoro | 85  |           | 3.206         |               |    |          | ND                |       |
| 5 Chloromethane                    | 50  |           | 3.318         |               |    |          | ND                | 7     |
| 6 Butane                           | 43  |           | 3.515         |               |    |          | ND                | 7     |
| 7 Vinyl chloride                   | 62  |           | 3.542         |               |    |          | ND                | 7     |
| 8 Butadiene                        | 54  |           | 3.611         |               |    |          | ND                |       |
| 10 Bromomethane                    | 94  |           | 4.220         |               |    |          | ND                |       |
| 11 Chloroethane                    | 64  |           | 4.444         |               |    |          | ND                |       |
| 13 Vinyl bromide                   | 106 |           | 4.807         |               |    |          | ND                | U     |
| 14 Trichlorofluoromethane          | 101 |           | 4.924         |               |    |          | ND                |       |
| 17 Ethanol                         | 45  |           | 5.474         |               |    |          | ND                | 7     |
| 20 1,1,2-Trichloro-1,2,2-trifluoro | 101 |           | 5.976         |               |    |          | ND                |       |
| 21 1,1-Dichloroethene              | 96  |           | 5.986         |               |    |          | ND                |       |
| 22 Acetone                         | 43  |           | 6.184         |               |    |          | ND                |       |
| 23 Carbon disulfide                | 76  |           | 6.354         |               |    |          | ND                |       |
| 24 Isopropyl alcohol               | 45  |           | 6.531         |               |    |          | ND                |       |
| 25 3-Chloro-1-propene              | 41  |           | 6.739         |               |    |          | ND                | 7     |
| 27 Methylene Chloride              | 49  |           | 7.011         |               |    |          | ND                | 7     |
| 28 2-Methyl-2-propanol             | 59  |           | 7.299         |               |    |          | ND                |       |
| 29 Methyl tert-butyl ether         | 73  |           | 7.470         |               |    |          | ND                | 7     |
| 31 trans-1,2-Dichloroethene        | 61  |           | 7.475         |               |    |          | ND                |       |
| 33 Hexane                          | 57  |           | 7.902         |               |    |          | ND                | 7     |
| 34 1,1-Dichloroethane              | 63  |           | 8.308         |               |    |          | ND                |       |
| 35 Vinyl acetate                   | 43  |           | 8.404         |               |    |          | ND                |       |
| 37 cis-1,2-Dichloroethene          | 96  |           | 9.391         |               |    |          | ND                |       |
| 38 2-Butanone (MEK)                | 72  |           | 9.444         |               |    |          | ND                |       |
| 39 Ethyl acetate                   | 88  |           | 9.525         |               |    |          | ND                |       |
| * 40 Chlorobromomethane            | 128 | 9.839     | 9.834         | 0.005         | 76 | 279519   | 20.0              |       |
| 41 Tetrahydrofuran                 | 42  |           | 9.887         |               |    |          | ND                | 7     |

| Compound                       | Sig | RT<br>(min.) | Adj RT<br>(min.) | Dlt RT<br>(min.) | Q  | Response | OnCol Amt<br>ppb v/v | Flags |
|--------------------------------|-----|--------------|------------------|------------------|----|----------|----------------------|-------|
| 42 Chloroform                  | 83  |              | 9.989            |                  |    |          | ND                   |       |
| S 30 1,2-Dichloroethene, Total | 61  |              | 10.200           |                  |    |          | ND                   | 7     |
| 44 1,1,1-Trichloroethane       | 97  |              | 10.266           |                  |    |          | ND                   |       |
| 43 Cyclohexane                 | 84  |              | 10.272           |                  |    |          | ND                   |       |
| 45 Carbon tetrachloride        | 117 |              | 10.528           |                  |    |          | ND                   |       |
| 47 Benzene                     | 78  |              | 10.955           |                  |    |          | ND                   | 7     |
| 46 Isooctane                   | 57  |              | 11.003           |                  |    |          | ND                   |       |
| 48 1,2-Dichloroethane          | 62  |              | 11.110           |                  |    |          | ND                   |       |
| 49 n-Heptane                   | 43  |              | 11.403           |                  |    |          | ND                   |       |
| * 50 1,4-Difluorobenzene       | 114 | 11.803       | 11.803           | 0.000            | 94 | 1584315  | 20.0                 |       |
| 53 Trichloroethene             | 95  |              | 12.273           |                  |    |          | ND                   |       |
| 54 1,2-Dichloropropane         | 63  |              | 12.785           |                  |    |          | ND                   |       |
| 55 Methyl methacrylate         | 69  |              | 13.015           |                  |    |          | ND                   |       |
| 57 Dibromomethane              | 174 |              | 13.036           |                  |    |          | ND                   | 7     |
| 56 1,4-Dioxane                 | 88  |              | 13.047           |                  |    |          | ND                   |       |
| 58 Dichlorobromomethane        | 83  |              | 13.356           |                  |    |          | ND                   |       |
| 60 cis-1,3-Dichloropropene     | 75  |              | 14.312           |                  |    |          | ND                   |       |
| 61 4-Methyl-2-pentanone (MIBK) | 43  |              | 14.621           |                  |    |          | ND                   |       |
| 65 Toluene                     | 92  |              | 14.925           |                  |    |          | ND                   |       |
| 66 trans-1,3-Dichloropropene   | 75  |              | 15.518           |                  |    |          | ND                   |       |
| 67 1,1,2-Trichloroethane       | 83  |              | 15.881           |                  |    |          | ND                   |       |
| 68 Tetrachloroethene           | 166 |              | 16.046           |                  |    |          | ND                   |       |
| 69 2-Hexanone                  | 43  |              | 16.361           |                  |    |          | ND                   |       |
| 71 Chlorodibromomethane        | 129 |              | 16.655           |                  |    |          | ND                   |       |
| 72 Ethylene Dibromide          | 107 |              | 16.900           |                  |    |          | ND                   |       |
| * 74 Chlorobenzene-d5          | 117 | 17.829       | 17.834           | -0.005           | 87 | 1614819  | 20.0                 |       |
| 75 Chlorobenzene               | 112 |              | 17.887           |                  |    |          | ND                   |       |
| 76 Ethylbenzene                | 91  |              | 18.069           |                  |    |          | ND                   | 7     |
| 78 m-Xylene & p-Xylene         | 106 |              | 18.320           |                  |    |          | ND                   |       |
| 79 o-Xylene                    | 106 |              | 19.152           |                  |    |          | ND                   |       |
| 80 Styrene                     | 104 |              | 19.200           |                  |    |          | ND                   |       |
| 81 Bromoform                   | 173 |              | 19.617           |                  |    |          | ND                   |       |
| 82 Isopropylbenzene            | 105 |              | 19.899           |                  |    |          | ND                   |       |
| S 73 Xylenes, Total            | 106 |              | 20.100           |                  |    |          | ND                   | 7     |
| 84 1,1,2,2-Tetrachloroethane   | 83  |              | 20.583           |                  |    |          | ND                   | 7     |
| 85 N-Propylbenzene             | 91  |              | 20.689           |                  |    |          | ND                   | 7     |
| 89 2-Chlorotoluene             | 91  |              | 20.887           |                  |    |          | ND                   | 7     |
| 88 4-Ethyltoluene              | 105 |              | 20.897           |                  |    |          | ND                   | 7     |
| 90 1,3,5-Trimethylbenzene      | 105 |              | 21.015           |                  |    |          | ND                   | 7     |
| 92 tert-Butylbenzene           | 119 |              | 21.527           |                  |    |          | ND                   | 7     |
| 93 1,2,4-Trimethylbenzene      | 105 |              | 21.629           |                  |    |          | ND                   | 7     |
| 94 sec-Butylbenzene            | 105 |              | 21.874           |                  |    |          | ND                   | 7     |
| 95 4-Isopropyltoluene          | 119 |              | 22.093           |                  |    |          | ND                   | 7     |
| 96 1,3-Dichlorobenzene         | 146 |              | 22.098           |                  |    |          | ND                   | 7     |
| 97 1,4-Dichlorobenzene         | 146 |              | 22.242           |                  |    |          | ND                   | 7     |
| 98 Benzyl chloride             | 91  |              | 22.429           |                  |    |          | ND                   | 7     |
| 100 n-Butylbenzene             | 91  |              | 22.675           |                  |    |          | ND                   | 7     |
| 101 1,2-Dichlorobenzene        | 146 |              | 22.765           |                  |    |          | ND                   | 7     |
| 103 1,2,4-Trichlorobenzene     | 180 |              | 25.103           |                  |    |          | ND                   | 7     |
| 104 Hexachlorobutadiene        | 225 |              | 25.311           |                  |    |          | ND                   | 7     |
| 105 Naphthalene                | 128 |              | 25.525           |                  |    |          | ND                   | 7     |

**QC Flag Legend**

Processing Flags

7 - Failed Limit of Detection

Review Flags

U - Marked Undetected

**Reagents:**

ATTO15CISs\_00010

Amount Added: 40.00

Units: mL

Run Reagent

## Eurofins TestAmerica, Burlington

Data File: \\chromfs\Burlington\ChromData\CHC.i\20201123-43776.b\43776-15.D

Injection Date: 23-Nov-2020 22:28:30

Instrument ID: CHC.i

Operator ID: ggg

Lims ID: 200-56158-A-3

Lab Sample ID: 200-56158-3

Worklist Smp#: 15

Client ID: 5099

Purge Vol: 200.000 mL

Dil. Factor: 0.2000

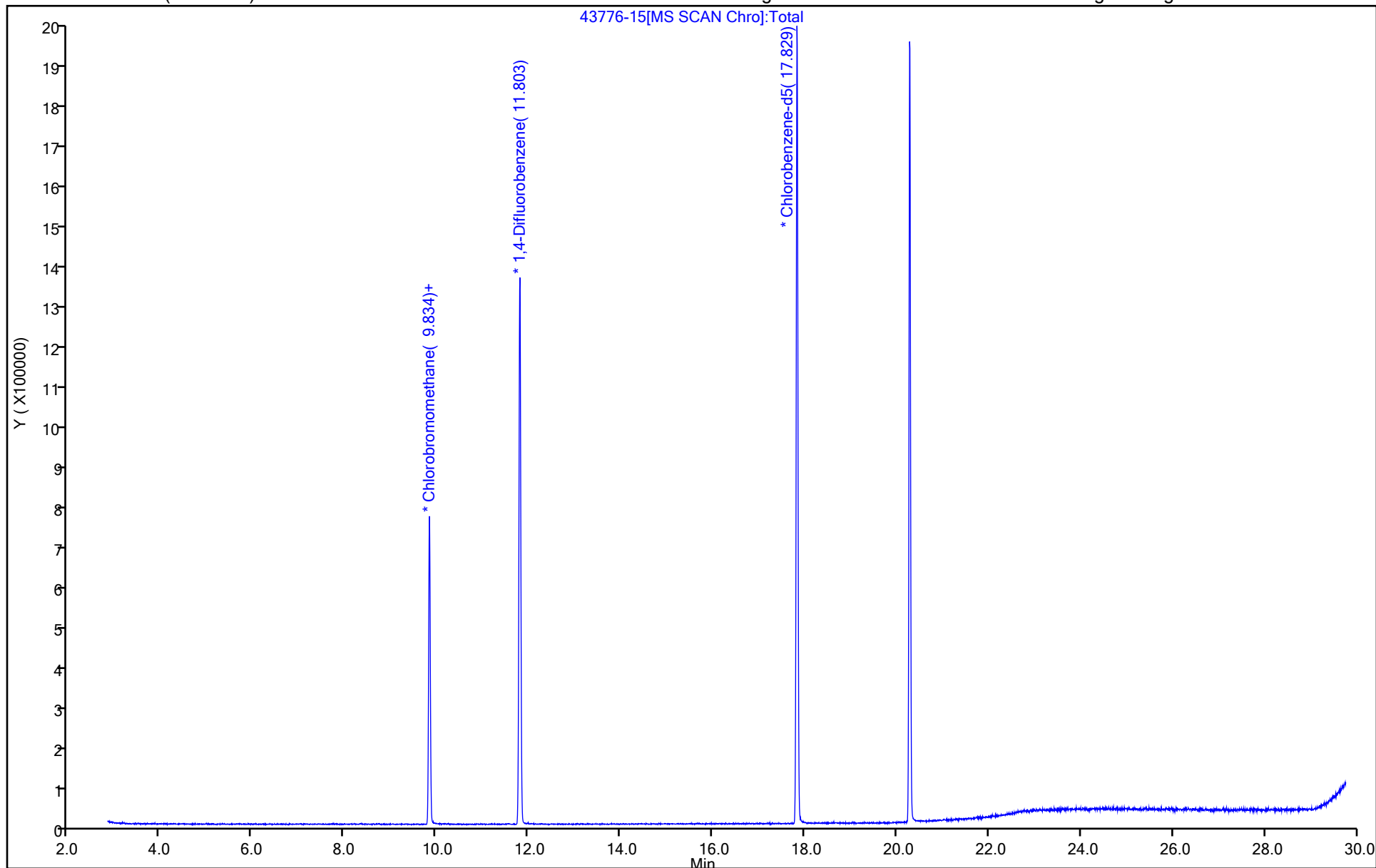
ALS Bottle#: 14

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



## Eurofins TestAmerica, Burlington

Data File: \\chromfs\Burlington\ChromData\CHC.i\20201123-43776.b\43776-15.D

Injection Date: 23-Nov-2020 22:28:30

Instrument ID: CHC.i

Lims ID: 200-56158-A-3

Lab Sample ID: 200-56158-3

Client ID: 5099

Operator ID: ggg

ALS Bottle#: 14

Worklist Smp#: 15

Purge Vol: 200.000 mL

Dil. Factor: 0.2000

Method: TO15\_MasterMethod\_(v1)\_CHC.i

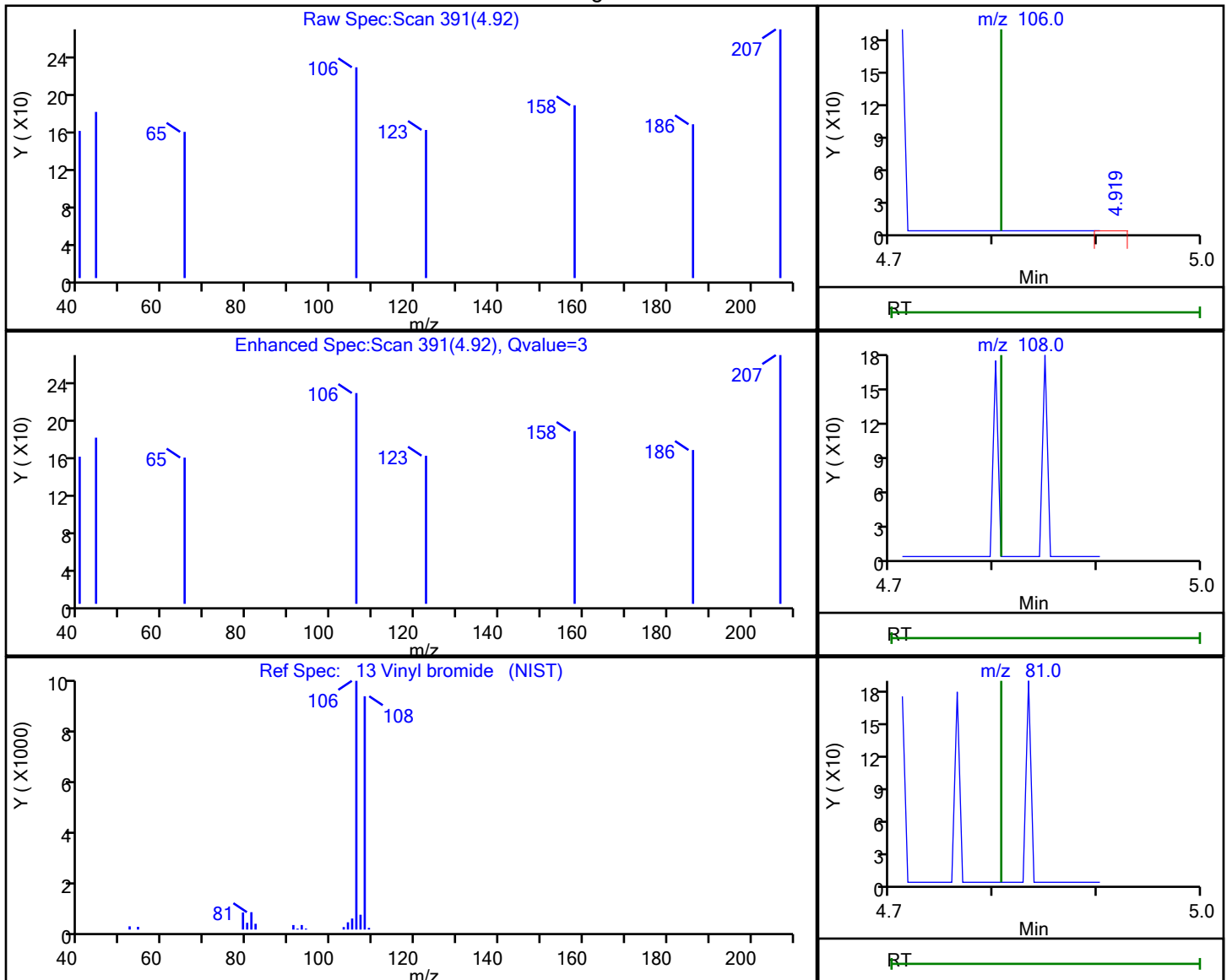
Limit Group: AI\_TO15\_ICAL

Column: RTX-624 ( 0.32 mm)

Detector: MS SCAN

## 13 Vinyl bromide, CAS: 593-60-2

## Processing Results



| RT   | Mass   | Response | Amount   |
|------|--------|----------|----------|
| 4.92 | 106.00 | 125      | 0.011117 |
| 4.81 | 108.00 | 0        |          |
| 4.81 | 81.00  | 0        |          |

Reviewer: bunmaa, 24-Nov-2020 12:01:23

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

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

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-56177-1  
 SDG No.: \_\_\_\_\_  
 Client Sample ID: 5093 Lab Sample ID: 200-56177-4  
 Matrix: Air Lab File ID: 43775-21.D  
 Analysis Method: TO-15 Date Collected: 11/21/2020 00:00  
 Sample wt/vol: 1000 (mL) Date Analyzed: 11/24/2020 02:59  
 Soil Aliquot Vol: \_\_\_\_\_ Dilution Factor: 0.2  
 Soil Extract Vol.: \_\_\_\_\_ GC Column: RTX-624 ID: 0.32 (mm)  
 % Moisture: \_\_\_\_\_ Level: (low/med) Low  
 Analysis Batch No.: 161394 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                      | 0.040  | U | 0.040 | 0.040 |
| 75-34-3   | 1,1-Dichloroethane            | 0.040  | U | 0.040 | 0.040 |
| 108-05-4  | Vinyl acetate                 | 1.0    | U | 1.0   | 1.0   |
| 141-78-6  | Ethyl acetate                 | 1.0    | U | 1.0   | 1.0   |
| 78-93-3   | Methyl Ethyl Ketone           | 0.10   | U | 0.10  | 0.10  |
| 156-59-2  | cis-1,2-Dichloroethene        | 0.040  | U | 0.040 | 0.040 |
| 540-59-0  | 1,2-Dichloroethene, Total     | 0.080  | U | 0.080 | 0.080 |
| 67-66-3   | Chloroform                    | 0.040  | U | 0.040 | 0.040 |
| 109-99-9  | Tetrahydrofuran               | 1.0    | U | 1.0   | 1.0   |
| 71-55-6   | 1,1,1-Trichloroethane         | 0.040  | U | 0.040 | 0.040 |
| 110-82-7  | Cyclohexane                   | 0.040  | U | 0.040 | 0.040 |
| 56-23-5   | Carbon tetrachloride          | 0.040  | U | 0.040 | 0.040 |
| 540-84-1  | 2,2,4-Trimethylpentane        | 0.040  | U | 0.040 | 0.040 |

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

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-56177-1  
 SDG No.: \_\_\_\_\_  
 Client Sample ID: 5093 Lab Sample ID: 200-56177-4  
 Matrix: Air Lab File ID: 43775-21.D  
 Analysis Method: TO-15 Date Collected: 11/21/2020 00:00  
 Sample wt/vol: 1000 (mL) Date Analyzed: 11/24/2020 02:59  
 Soil Aliquot Vol: \_\_\_\_\_ Dilution Factor: 0.2  
 Soil Extract Vol.: \_\_\_\_\_ GC Column: RTX-624 ID: 0.32 (mm)  
 % Moisture: \_\_\_\_\_ Level: (low/med) Low  
 Analysis Batch No.: 161394 Units: ppb v/v

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

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

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-56177-1  
SDG No.: \_\_\_\_\_  
Client Sample ID: 5093 Lab Sample ID: 200-56177-4  
Matrix: Air Lab File ID: 43775-21.D  
Analysis Method: TO-15 Date Collected: 11/21/2020 00:00  
Sample wt/vol: 1000 (mL) Date Analyzed: 11/24/2020 02:59  
Soil Aliquot Vol: \_\_\_\_\_ Dilution Factor: 0.2  
Soil Extract Vol.: \_\_\_\_\_ GC Column: RTX-624 ID: 0.32 (mm)  
% Moisture: \_\_\_\_\_ Level: (low/med) Low  
Analysis Batch No.: 161394 Units: ppb v/v

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



Eurofins TestAmerica, Burlington  
Target Compound Quantitation Report

Data File: \\chromfs\Burlington\ChromData\CHX.i\20201123-43775.b\43775-21.D  
 Lims ID: 200-56177-A-4  
 Client ID: 5093  
 Sample Type: Client  
 Inject. Date: 24-Nov-2020 02:59:30 ALS Bottle#: 20 Worklist Smp#: 21  
 Purge Vol: 200.000 mL Dil. Factor: 0.2000  
 Sample Info: 200-0043775-021  
 Misc. Info.: 56177-4  
 Operator ID: ggg Instrument ID: CHX.i  
 Method: \\chromfs\Burlington\ChromData\CHX.i\20201123-43775.b\TO15\_MasterMethod\_X.m.m  
 Limit Group: AI\_TO15\_ICAL  
 Last Update: 24-Nov-2020 01:44:54 Calib Date: 22-Oct-2020 00:48:30  
 Integrator: RTE ID Type: Deconvolution ID  
 Quant Method: Internal Standard Quant By: Initial Calibration  
 Last ICal File: \\chromfs\Burlington\ChromData\CHX.i\20201021-43321.b\43321-13.D  
 Column 1 : RTX-624 ( 0.32 mm) Det: MS SCAN  
 Process Host: CTX1672

First Level Reviewer: puangmaleek

Date: 24-Nov-2020 15:49:43

| Compound                           | Sig | RT (min.) | Adj RT (min.) | Dlt RT (min.) | Q  | Response | OnCol Amt ppb v/v | Flags |
|------------------------------------|-----|-----------|---------------|---------------|----|----------|-------------------|-------|
| 1 Propene                          | 41  |           | 4.343         |               |    |          | ND                |       |
| 2 Dichlorodifluoromethane          | 85  |           | 4.439         |               |    |          | ND                |       |
| 3 Chlorodifluoromethane            | 51  |           | 4.488         |               |    |          | ND                |       |
| 4 1,2-Dichloro-1,1,2,2-tetrafluoro | 85  |           | 4.798         |               |    |          | ND                |       |
| 5 Chloromethane                    | 50  |           | 4.921         |               |    |          | ND                |       |
| 6 Butane                           | 43  |           | 5.237         |               |    |          | ND                |       |
| 7 Vinyl chloride                   | 62  |           | 5.237         |               |    |          | ND                |       |
| 8 Butadiene                        | 54  |           | 5.349         |               |    |          | ND                |       |
| 10 Bromomethane                    | 94  |           | 6.066         |               |    |          | ND                |       |
| 11 Chloroethane                    | 64  |           | 6.339         |               |    |          | ND                |       |
| 13 Vinyl bromide                   | 106 |           | 6.756         |               |    |          | ND                |       |
| 14 Trichlorofluoromethane          | 101 |           | 6.911         |               |    |          | ND                |       |
| 17 Ethanol                         | 45  | 7.269     | 7.250         | 0.016         | 95 | 1654     | 0.2064            |       |
| 21 1,1-Dichloroethene              | 96  |           | 7.976         |               |    |          | ND                |       |
| 20 112TCTFE                        | 101 |           | 8.002         |               |    |          | ND                |       |
| 22 Acetone                         | 43  |           | 8.034         |               |    |          | ND                | 7     |
| 24 Isopropyl alcohol               | 45  | 8.329     | 8.303         | 0.022         | 96 | 2773     | 0.1014            |       |
| 23 Carbon disulfide                | 76  |           | 8.393         |               |    |          | ND                | 7     |
| 25 3-Chloro-1-propene              | 41  |           | 8.671         |               |    |          | ND                |       |
| 27 Methylene Chloride              | 49  |           | 8.906         |               |    |          | ND                |       |
| 28 2-Methyl-2-propanol             | 59  |           | 9.067         |               |    |          | ND                |       |
| 29 Methyl tert-butyl ether         | 73  |           | 9.383         |               |    |          | ND                |       |
| 31 trans-1,2-Dichloroethene        | 61  |           | 9.404         |               |    |          | ND                |       |
| S 30 1,2-Dichloroethene, Total     | 61  |           | 9.665         |               |    |          | ND                | 7     |
| 33 Hexane                          | 57  |           | 9.896         |               |    |          | ND                |       |
| 35 Vinyl acetate                   | 43  |           | 10.164        |               |    |          | ND                |       |
| 34 1,1-Dichloroethane              | 63  |           | 10.174        |               |    |          | ND                |       |
| 38 2-Butanone (MEK)                | 72  |           | 11.121        |               |    |          | ND                |       |
| 37 cis-1,2-Dichloroethene          | 96  |           | 11.164        |               |    |          | ND                |       |
| 39 Ethyl acetate                   | 88  |           | 11.196        |               |    |          | ND                |       |
| * 40 Chlorobromomethane            | 128 | 11.581    | 11.587        | -0.006        | 94 | 115890   | 10.0              |       |

| Compound                       | Sig | RT<br>(min.) | Adj RT<br>(min.) | Dlt RT<br>(min.) | Q  | Response | OnCol Amt<br>ppb v/v | Flags |
|--------------------------------|-----|--------------|------------------|------------------|----|----------|----------------------|-------|
| 41 Tetrahydrofuran             | 42  |              | 11.597           |                  |    |          | ND                   |       |
| 42 Chloroform                  | 83  |              | 11.758           |                  |    |          | ND                   |       |
| 44 1,1,1-Trichloroethane       | 97  |              | 12.057           |                  |    |          | ND                   |       |
| 43 Cyclohexane                 | 84  |              | 12.191           |                  |    |          | ND                   |       |
| 45 Carbon tetrachloride        | 117 |              | 12.330           |                  |    |          | ND                   |       |
| 47 Benzene                     | 78  |              | 12.683           |                  |    |          | ND                   |       |
| 48 1,2-Dichloroethane          | 62  |              | 12.774           |                  |    |          | ND                   |       |
| 46 Isooctane                   | 57  |              | 12.876           |                  |    |          | ND                   |       |
| 49 n-Heptane                   | 43  |              | 13.186           |                  |    |          | ND                   |       |
| * 50 1,4-Difluorobenzene       | 114 | 13.416       | 13.422           | -0.006           | 95 | 596688   | 10.0                 |       |
| 53 Trichloroethene             | 95  |              | 13.850           |                  |    |          | ND                   |       |
| 54 1,2-Dichloropropane         | 63  |              | 14.320           |                  |    |          | ND                   |       |
| 55 Methyl methacrylate         | 69  |              | 14.374           |                  |    |          | ND                   |       |
| 56 1,4-Dioxane                 | 88  |              | 14.422           |                  |    |          | ND                   |       |
| 57 Dibromomethane              | 174 |              | 14.476           |                  |    |          | ND                   |       |
| 58 Dichlorobromomethane        | 83  |              | 14.786           |                  |    |          | ND                   |       |
| 60 cis-1,3-Dichloropropene     | 75  |              | 15.578           |                  |    |          | ND                   |       |
| 61 4-Methyl-2-pentanone (MIBK) | 43  |              | 15.818           |                  |    |          | ND                   |       |
| 65 Toluene                     | 92  |              | 16.214           |                  |    |          | ND                   | 7     |
| 66 trans-1,3-Dichloropropene   | 75  |              | 16.637           |                  |    |          | ND                   |       |
| 67 1,1,2-Trichloroethane       | 83  |              | 17.017           |                  |    |          | ND                   |       |
| 68 Tetrachloroethene           | 166 |              | 17.199           |                  |    |          | ND                   |       |
| 69 2-Hexanone                  | 43  |              | 17.396           |                  |    |          | ND                   |       |
| 71 Chlorodibromomethane        | 129 |              | 17.760           |                  |    |          | ND                   |       |
| 72 Ethylene Dibromide          | 107 |              | 18.001           |                  |    |          | ND                   |       |
| * 74 Chlorobenzene-d5          | 117 | 18.900       | 18.894           | 0.006            | 87 | 469221   | 10.0                 |       |
| 75 Chlorobenzene               | 112 |              | 18.959           |                  |    |          | ND                   |       |
| 76 Ethylbenzene                | 91  |              | 19.140           |                  |    |          | ND                   | 7     |
| 78 m-Xylene & p-Xylene         | 106 |              | 19.397           |                  |    |          | ND                   |       |
| S 73 Xylenes, Total            | 106 |              | 19.600           |                  |    |          | ND                   | 7     |
| 79 o-Xylene                    | 106 |              | 20.173           |                  |    |          | ND                   |       |
| 80 Styrene                     | 104 |              | 20.216           |                  |    |          | ND                   |       |
| 81 Bromoform                   | 173 |              | 20.574           |                  |    |          | ND                   |       |
| 82 Isopropylbenzene            | 105 |              | 20.858           |                  |    |          | ND                   |       |
| 84 1,1,2,2-Tetrachloroethane   | 83  |              | 21.382           |                  |    |          | ND                   |       |
| 85 N-Propylbenzene             | 91  |              | 21.564           |                  |    |          | ND                   |       |
| 89 2-Chlorotoluene             | 91  |              | 21.714           |                  |    |          | ND                   |       |
| 88 4-Ethyltoluene              | 105 |              | 21.762           |                  |    |          | ND                   |       |
| 90 1,3,5-Trimethylbenzene      | 105 |              | 21.853           |                  |    |          | ND                   |       |
| 92 tert-Butylbenzene           | 119 |              | 22.329           |                  |    |          | ND                   |       |
| 93 1,2,4-Trimethylbenzene      | 105 |              | 22.414           |                  |    |          | ND                   |       |
| 94 sec-Butylbenzene            | 105 |              | 22.650           |                  |    |          | ND                   |       |
| 96 1,3-Dichlorobenzene         | 146 |              | 22.832           |                  |    |          | ND                   |       |
| 95 4-Isopropyltoluene          | 119 |              | 22.864           |                  |    |          | ND                   |       |
| 97 1,4-Dichlorobenzene         | 146 |              | 22.971           |                  |    |          | ND                   |       |
| 98 Benzyl chloride             | 91  |              | 23.115           |                  |    |          | ND                   |       |
| 100 n-Butylbenzene             | 91  |              | 23.420           |                  |    |          | ND                   |       |
| 101 1,2-Dichlorobenzene        | 146 |              | 23.463           |                  |    |          | ND                   |       |
| 103 1,2,4-Trichlorobenzene     | 180 |              | 25.919           |                  |    |          | ND                   |       |
| 104 Hexachlorobutadiene        | 225 |              | 26.149           |                  |    |          | ND                   |       |
| 105 Naphthalene                | 128 |              | 26.405           |                  |    |          | ND                   |       |

[QC Flag Legend](#)

Processing Flags

7 - Failed Limit of Detection

[Reagents:](#)

ATTO15XISs\_00002

Amount Added: 20.00

Units: mL

Run Reagent

Report Date: 24-Nov-2020 15:49:43

Chrom Revision: 2.3 12-Nov-2020 21:52:08

Eurofins TestAmerica, Burlington

Data File: \\chromfs\Burlington\ChromData\CHX.i\20201123-43775.b\43775-21.D

Injection Date: 24-Nov-2020 02:59:30

Instrument ID: CHX.i

Operator ID: ggg

Lims ID: 200-56177-A-4

Lab Sample ID: 200-56177-4

Worklist Smp#: 21

Client ID: 5093

Purge Vol: 200.000 mL

Dil. Factor: 0.2000

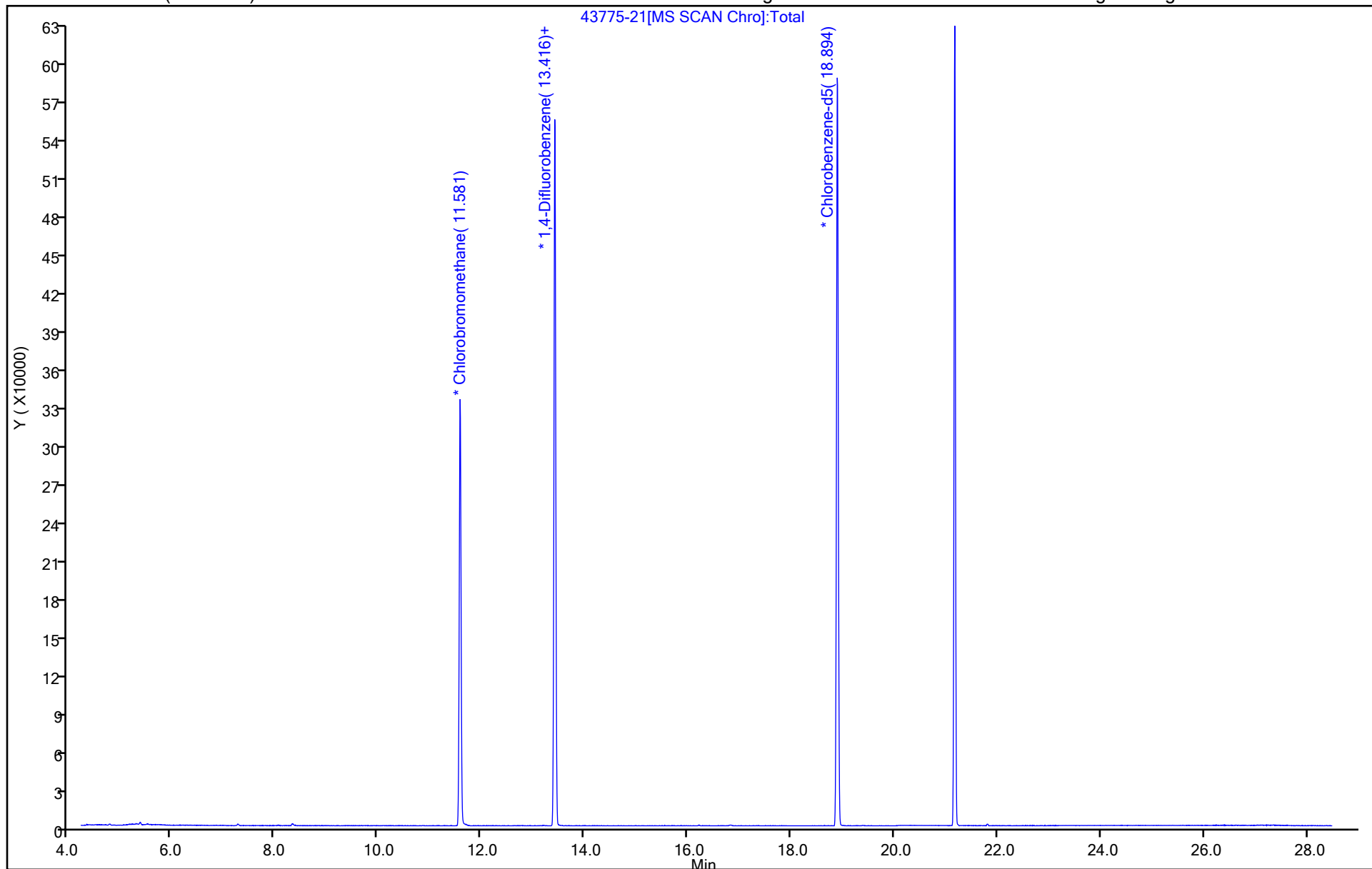
ALS Bottle#: 20

Method: TO15\_MasterMethod\_X.m

Limit Group: AI\_TO15\_ICAL

Column: RTX-624 ( 0.32 mm)

Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



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

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-56178-1  
 SDG No.: \_\_\_\_\_  
 Client Sample ID: 8132 Lab Sample ID: 200-56178-4  
 Matrix: Air Lab File ID: 43775-16.D  
 Analysis Method: TO-15 Date Collected: 11/21/2020 00:00  
 Sample wt/vol: 1000 (mL) Date Analyzed: 11/23/2020 22:29  
 Soil Aliquot Vol: \_\_\_\_\_ Dilution Factor: 0.2  
 Soil Extract Vol.: \_\_\_\_\_ GC Column: RTX-624 ID: 0.32 (mm)  
 % Moisture: \_\_\_\_\_ Level: (low/med) Low  
 Analysis Batch No.: 161394 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                      | 0.040  | U | 0.040 | 0.040 |
| 75-34-3   | 1,1-Dichloroethane            | 0.040  | U | 0.040 | 0.040 |
| 108-05-4  | Vinyl acetate                 | 1.0    | U | 1.0   | 1.0   |
| 141-78-6  | Ethyl acetate                 | 1.0    | U | 1.0   | 1.0   |
| 78-93-3   | Methyl Ethyl Ketone           | 0.10   | U | 0.10  | 0.10  |
| 156-59-2  | cis-1,2-Dichloroethene        | 0.040  | U | 0.040 | 0.040 |
| 540-59-0  | 1,2-Dichloroethene, Total     | 0.080  | U | 0.080 | 0.080 |
| 67-66-3   | Chloroform                    | 0.040  | U | 0.040 | 0.040 |
| 109-99-9  | Tetrahydrofuran               | 1.0    | U | 1.0   | 1.0   |
| 71-55-6   | 1,1,1-Trichloroethane         | 0.040  | U | 0.040 | 0.040 |
| 110-82-7  | Cyclohexane                   | 0.040  | U | 0.040 | 0.040 |
| 56-23-5   | Carbon tetrachloride          | 0.040  | U | 0.040 | 0.040 |
| 540-84-1  | 2,2,4-Trimethylpentane        | 0.040  | U | 0.040 | 0.040 |

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

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-56178-1

SDG No.: \_\_\_\_\_

Client Sample ID: 8132 Lab Sample ID: 200-56178-4

Matrix: Air Lab File ID: 43775-16.D

Analysis Method: TO-15 Date Collected: 11/21/2020 00:00

Sample wt/vol: 1000 (mL) Date Analyzed: 11/23/2020 22:29

Soil Aliquot Vol: \_\_\_\_\_ Dilution Factor: 0.2

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

% Moisture: \_\_\_\_\_ Level: (low/med) Low

Analysis Batch No.: 161394 Units: ppb v/v

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

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

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-56178-1  
 SDG No.: \_\_\_\_\_  
 Client Sample ID: 8132 Lab Sample ID: 200-56178-4  
 Matrix: Air Lab File ID: 43775-16.D  
 Analysis Method: TO-15 Date Collected: 11/21/2020 00:00  
 Sample wt/vol: 1000 (mL) Date Analyzed: 11/23/2020 22:29  
 Soil Aliquot Vol: \_\_\_\_\_ Dilution Factor: 0.2  
 Soil Extract Vol.: \_\_\_\_\_ GC Column: RTX-624 ID: 0.32 (mm)  
 % Moisture: \_\_\_\_\_ Level: (low/med) Low  
 Analysis Batch No.: 161394 Units: ppb v/v

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

Eurofins TestAmerica, Burlington  
Target Compound Quantitation Report

Data File: \\chromfs\Burlington\ChromData\CHX.i\20201123-43775.b\43775-16.D  
 Lims ID: 200-56178-A-4  
 Client ID: 8132  
 Sample Type: Client  
 Inject. Date: 23-Nov-2020 22:29:30 ALS Bottle#: 15 Worklist Smp#: 16  
 Purge Vol: 200.000 mL Dil. Factor: 0.2000  
 Sample Info: 200-0043775-016  
 Misc. Info.: 56178-4  
 Operator ID: ggg Instrument ID: CHX.i  
 Method: \\chromfs\Burlington\ChromData\CHX.i\20201123-43775.b\TO15\_MasterMethod\_X.m.m  
 Limit Group: AI\_TO15\_ICAL  
 Last Update: 24-Nov-2020 13:13:46 Calib Date: 22-Oct-2020 00:48:30  
 Integrator: RTE ID Type: Deconvolution ID  
 Quant Method: Internal Standard Quant By: Initial Calibration  
 Last ICal File: \\chromfs\Burlington\ChromData\CHX.i\20201021-43321.b\43321-13.D  
 Column 1 : RTX-624 ( 0.32 mm) Det: MS SCAN  
 Process Host: CTX1672

First Level Reviewer: puangmaleek

Date: 24-Nov-2020 13:13:46

| Compound                           | Sig | RT (min.) | Adj RT (min.) | Dlt RT (min.) | Q  | Response | OnCol Amt ppb v/v | Flags |
|------------------------------------|-----|-----------|---------------|---------------|----|----------|-------------------|-------|
| 1 Propene                          | 41  |           | 4.343         |               |    |          | ND                |       |
| 2 Dichlorodifluoromethane          | 85  |           | 4.439         |               |    |          | ND                |       |
| 3 Chlorodifluoromethane            | 51  |           | 4.488         |               |    |          | ND                |       |
| 4 1,2-Dichloro-1,1,2,2-tetrafluoro | 85  |           | 4.798         |               |    |          | ND                |       |
| 5 Chloromethane                    | 50  |           | 4.921         |               |    |          | ND                |       |
| 6 Butane                           | 43  |           | 5.237         |               |    |          | ND                |       |
| 7 Vinyl chloride                   | 62  |           | 5.237         |               |    |          | ND                |       |
| 8 Butadiene                        | 54  |           | 5.349         |               |    |          | ND                |       |
| 10 Bromomethane                    | 94  |           | 6.066         |               |    |          | ND                |       |
| 11 Chloroethane                    | 64  |           | 6.339         |               |    |          | ND                |       |
| 13 Vinyl bromide                   | 106 |           | 6.756         |               |    |          | ND                |       |
| 14 Trichlorofluoromethane          | 101 |           | 6.911         |               |    |          | ND                |       |
| 17 Ethanol                         | 45  | 7.275     | 7.253         | 0.022         | 98 | 2247     | 0.2432            |       |
| 21 1,1-Dichloroethene              | 96  |           | 7.976         |               |    |          | ND                |       |
| 20 112TCTFE                        | 101 |           | 8.002         |               |    |          | ND                |       |
| 22 Acetone                         | 43  |           | 8.034         |               |    |          | ND                | 7     |
| 24 Isopropyl alcohol               | 45  | 8.339     | 8.303         | 0.032         | 97 | 3101     | 0.0984            |       |
| 23 Carbon disulfide                | 76  |           | 8.393         |               |    |          | ND                | 7     |
| 25 3-Chloro-1-propene              | 41  |           | 8.671         |               |    |          | ND                |       |
| 27 Methylene Chloride              | 49  |           | 8.906         |               |    |          | ND                |       |
| 28 2-Methyl-2-propanol             | 59  |           | 9.067         |               |    |          | ND                |       |
| 29 Methyl tert-butyl ether         | 73  |           | 9.383         |               |    |          | ND                |       |
| 31 trans-1,2-Dichloroethene        | 61  |           | 9.404         |               |    |          | ND                |       |
| S 30 1,2-Dichloroethene, Total     | 61  |           | 9.665         |               |    |          | ND                | 7     |
| 33 Hexane                          | 57  |           | 9.896         |               |    |          | ND                |       |
| 35 Vinyl acetate                   | 43  |           | 10.164        |               |    |          | ND                |       |
| 34 1,1-Dichloroethane              | 63  |           | 10.174        |               |    |          | ND                |       |
| 38 2-Butanone (MEK)                | 72  |           | 11.121        |               |    |          | ND                |       |
| 37 cis-1,2-Dichloroethene          | 96  |           | 11.164        |               |    |          | ND                |       |
| 39 Ethyl acetate                   | 88  |           | 11.196        |               |    |          | ND                |       |
| * 40 Chlorobromomethane            | 128 | 11.581    | 11.587        | -0.006        | 87 | 133598   | 10.0              |       |



| Compound                       | Sig | RT<br>(min.) | Adj RT<br>(min.) | Dlt RT<br>(min.) | Q  | Response | OnCol Amt<br>ppb v/v | Flags |
|--------------------------------|-----|--------------|------------------|------------------|----|----------|----------------------|-------|
| 41 Tetrahydrofuran             | 42  |              | 11.597           |                  |    |          | ND                   |       |
| 42 Chloroform                  | 83  |              | 11.758           |                  |    |          | ND                   |       |
| 44 1,1,1-Trichloroethane       | 97  |              | 12.057           |                  |    |          | ND                   |       |
| 43 Cyclohexane                 | 84  |              | 12.191           |                  |    |          | ND                   |       |
| 45 Carbon tetrachloride        | 117 |              | 12.330           |                  |    |          | ND                   |       |
| 47 Benzene                     | 78  |              | 12.683           |                  |    |          | ND                   |       |
| 48 1,2-Dichloroethane          | 62  |              | 12.774           |                  |    |          | ND                   |       |
| 46 Isooctane                   | 57  |              | 12.876           |                  |    |          | ND                   |       |
| 49 n-Heptane                   | 43  |              | 13.186           |                  |    |          | ND                   |       |
| * 50 1,4-Difluorobenzene       | 114 | 13.422       | 13.422           | 0.000            | 94 | 687503   | 10.0                 |       |
| 53 Trichloroethene             | 95  |              | 13.850           |                  |    |          | ND                   |       |
| 54 1,2-Dichloropropane         | 63  |              | 14.320           |                  |    |          | ND                   |       |
| 55 Methyl methacrylate         | 69  |              | 14.374           |                  |    |          | ND                   |       |
| 56 1,4-Dioxane                 | 88  |              | 14.422           |                  |    |          | ND                   |       |
| 57 Dibromomethane              | 174 |              | 14.476           |                  |    |          | ND                   |       |
| 58 Dichlorobromomethane        | 83  |              | 14.786           |                  |    |          | ND                   |       |
| 60 cis-1,3-Dichloropropene     | 75  |              | 15.578           |                  |    |          | ND                   |       |
| 61 4-Methyl-2-pentanone (MIBK) | 43  |              | 15.818           |                  |    |          | ND                   |       |
| 65 Toluene                     | 92  | 16.209       | 16.214           | -0.005           | 17 | 1618     | 0.0379               |       |
| 66 trans-1,3-Dichloropropene   | 75  |              | 16.637           |                  |    |          | ND                   |       |
| 67 1,1,2-Trichloroethane       | 83  |              | 17.017           |                  |    |          | ND                   |       |
| 68 Tetrachloroethene           | 166 |              | 17.199           |                  |    |          | ND                   |       |
| 69 2-Hexanone                  | 43  |              | 17.396           |                  |    |          | ND                   | 7     |
| 71 Chlorodibromomethane        | 129 |              | 17.760           |                  |    |          | ND                   |       |
| 72 Ethylene Dibromide          | 107 |              | 18.001           |                  |    |          | ND                   |       |
| * 74 Chlorobenzene-d5          | 117 | 18.900       | 18.894           | 0.006            | 87 | 507692   | 10.0                 |       |
| 75 Chlorobenzene               | 112 |              | 18.959           |                  |    |          | ND                   |       |
| 76 Ethylbenzene                | 91  |              | 19.140           |                  |    |          | ND                   | 7     |
| 78 m-Xylene & p-Xylene         | 106 | 19.408       | 19.408           | 0.011            | 0  | 1197     | 0.0340               | M     |
| S 73 Xylenes, Total            | 106 |              |                  |                  | 0  |          | 0.0340               |       |
| 79 o-Xylene                    | 106 |              | 20.173           |                  |    |          | ND                   |       |
| 80 Styrene                     | 104 |              | 20.216           |                  |    |          | ND                   | 7     |
| 81 Bromoform                   | 173 |              | 20.574           |                  |    |          | ND                   |       |
| 82 Isopropylbenzene            | 105 |              | 20.858           |                  |    |          | ND                   |       |
| 84 1,1,2,2-Tetrachloroethane   | 83  |              | 21.382           |                  |    |          | ND                   |       |
| 85 N-Propylbenzene             | 91  |              | 21.564           |                  |    |          | ND                   |       |
| 89 2-Chlorotoluene             | 91  |              | 21.714           |                  |    |          | ND                   |       |
| 88 4-Ethyltoluene              | 105 |              | 21.762           |                  |    |          | ND                   |       |
| 90 1,3,5-Trimethylbenzene      | 105 |              | 21.853           |                  |    |          | ND                   |       |
| 92 tert-Butylbenzene           | 119 |              | 22.329           |                  |    |          | ND                   |       |
| 93 1,2,4-Trimethylbenzene      | 105 |              | 22.414           |                  |    |          | ND                   | 7     |
| 94 sec-Butylbenzene            | 105 |              | 22.650           |                  |    |          | ND                   | 7     |
| 96 1,3-Dichlorobenzene         | 146 |              | 22.832           |                  |    |          | ND                   |       |
| 95 4-Isopropyltoluene          | 119 |              | 22.864           |                  |    |          | ND                   |       |
| 97 1,4-Dichlorobenzene         | 146 |              | 22.971           |                  |    |          | ND                   |       |
| 98 Benzyl chloride             | 91  |              | 23.115           |                  |    |          | ND                   |       |
| 100 n-Butylbenzene             | 91  |              | 23.420           |                  |    |          | ND                   |       |
| 101 1,2-Dichlorobenzene        | 146 |              | 23.463           |                  |    |          | ND                   |       |
| 103 1,2,4-Trichlorobenzene     | 180 |              | 25.919           |                  |    |          | ND                   |       |
| 104 Hexachlorobutadiene        | 225 |              | 26.149           |                  |    |          | ND                   |       |
| 105 Naphthalene                | 128 |              | 26.405           |                  |    |          | ND                   |       |

[QC Flag Legend](#)

Processing Flags

7 - Failed Limit of Detection

Review Flags

M - Manually Integrated

[Reagents:](#)

ATTO15XISs\_00002

Amount Added: 20.00

Units: mL

Run Reagent

Eurofins TestAmerica, Burlington

Data File: \\chromfs\Burlington\ChromData\CHX.i\20201123-43775.b\43775-16.D

Injection Date: 23-Nov-2020 22:29:30

Instrument ID: CHX.i

Operator ID: ggg

Lims ID: 200-56178-A-4

Lab Sample ID: 200-56178-4

Worklist Smp#: 16

Client ID: 8132

Purge Vol: 200.000 mL

Dil. Factor: 0.2000

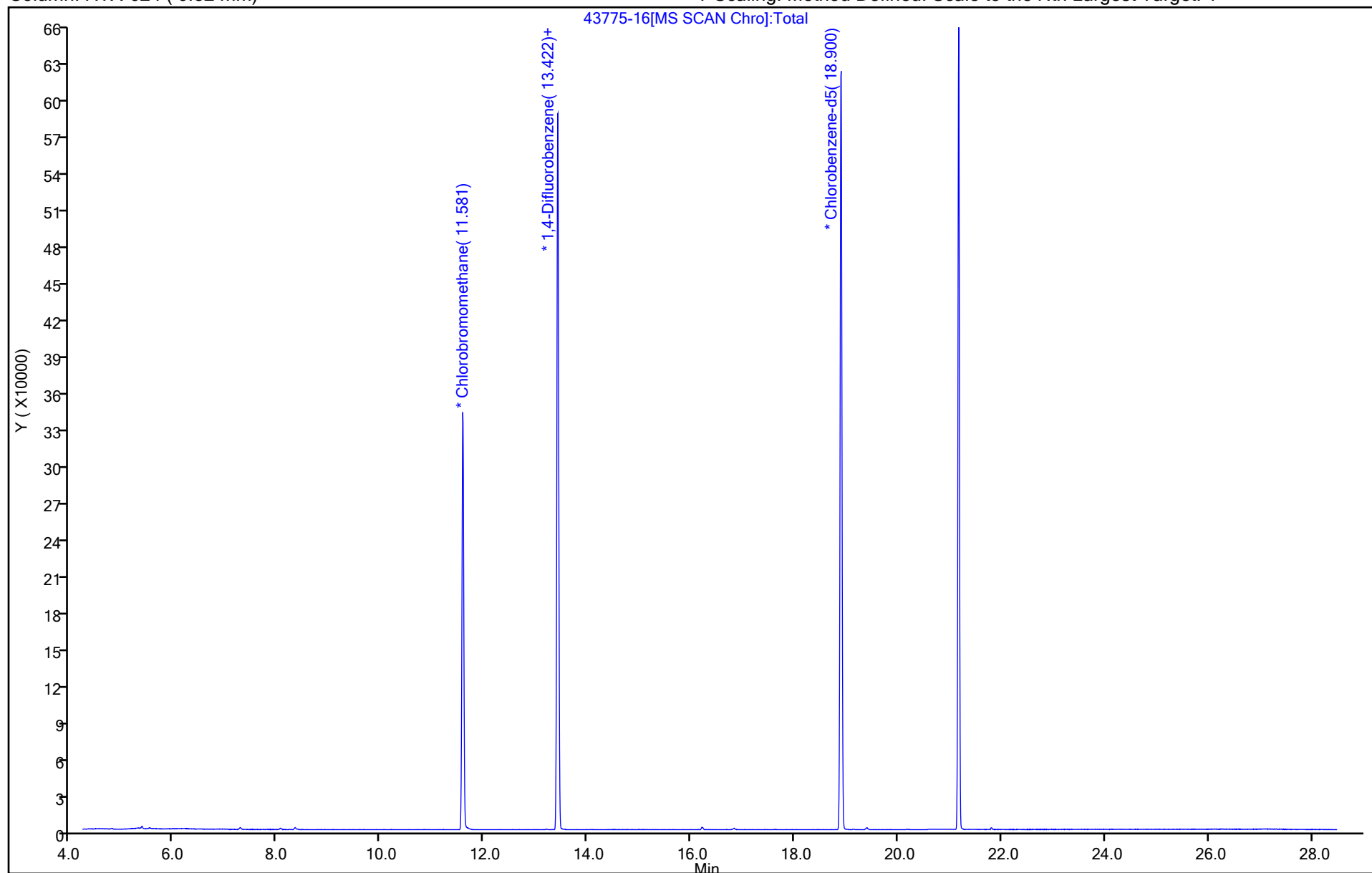
ALS Bottle#: 15

Method: TO15\_MasterMethod\_X.m

Limit Group: AI\_TO15\_ICAL

Column: RTX-624 (0.32 mm)

Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



## Eurofins TestAmerica, Burlington

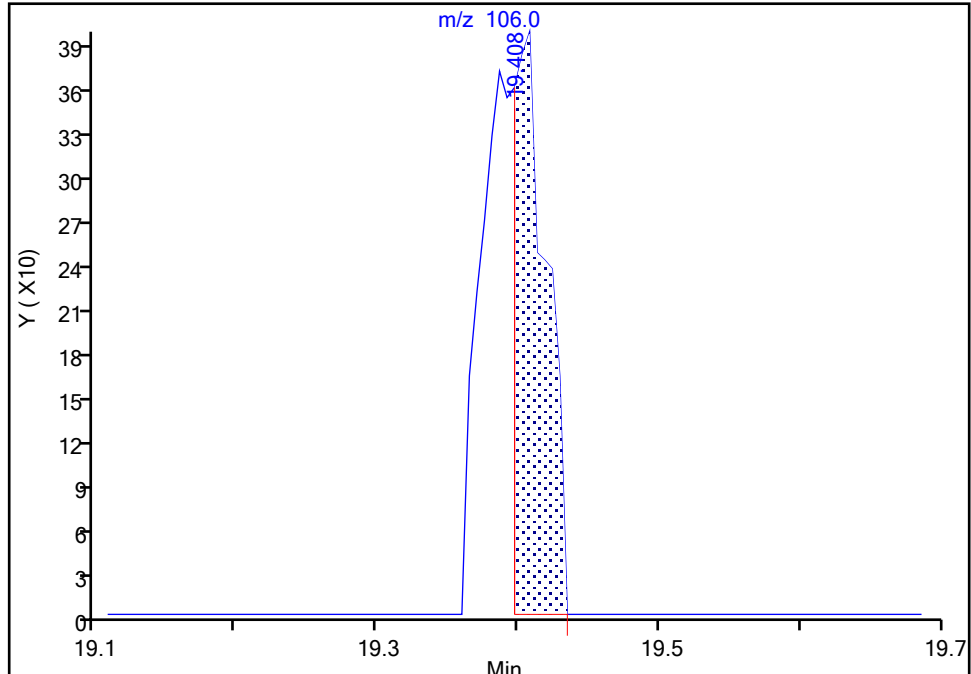
Data File: \\chromfs\Burlington\ChromData\CHX.i\20201123-43775.b\43775-16.D  
Injection Date: 23-Nov-2020 22:29:30 Instrument ID: CHX.i  
Lims ID: 200-56178-A-4 Lab Sample ID: 200-56178-4  
Client ID: 8132  
Operator ID: ggg ALS Bottle#: 15 Worklist Smp#: 16  
Purge Vol: 200.000 mL Dil. Factor: 0.2000  
Method: TO15\_MasterMethod\_X.m Limit Group: AI\_TO15\_ICAL  
Column: RTX-624 ( 0.32 mm) Detector: MS SCAN

**78 m-Xylene & p-Xylene, CAS: 179601-23-1**

Signal: 1

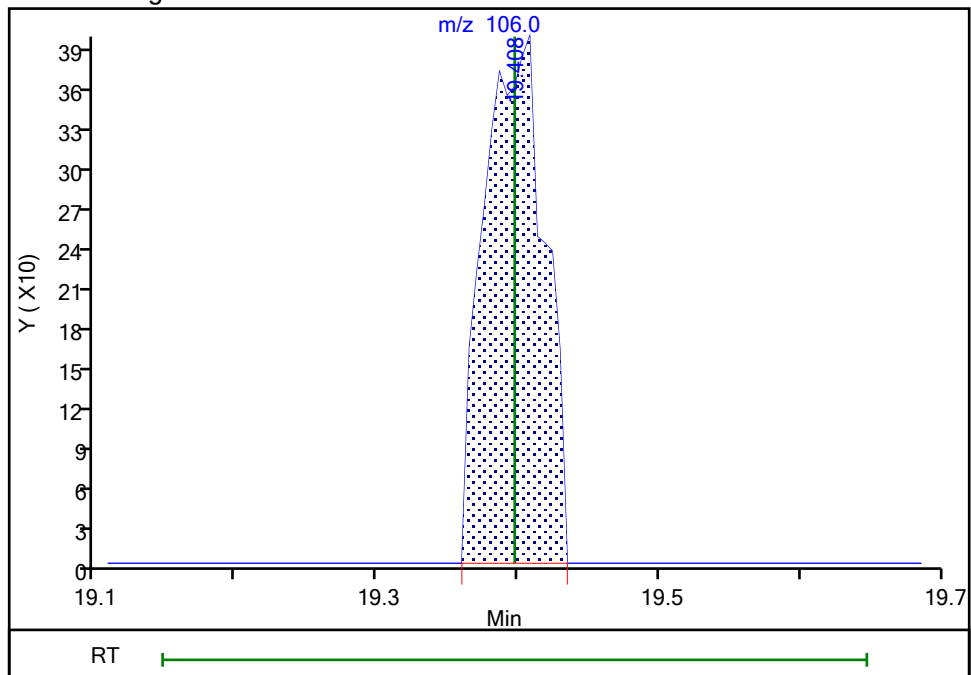
RT: 19.41  
Area: 651  
Amount: 0.018489  
Amount Units: ppb v/v

## Processing Integration Results



RT: 19.41  
Area: 1197  
Amount: 0.033996  
Amount Units: ppb v/v

## Manual Integration Results



Reviewer: puangmaleek, 24-Nov-2020 13:13:22

Audit Action: Manually Integrated

Audit Reason: Assign Peak

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

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-56158-1 Analy Batch No.: 160312

SDG No.: \_\_\_\_\_

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

Calibration Start Date: 10/22/2020 17:37 Calibration End Date: 10/23/2020 01:45 Calibration ID: 44349

Calibration Files:

|         |                   |              |
|---------|-------------------|--------------|
| LEVEL:  | LAB SAMPLE ID:    | LAB FILE ID: |
| Level 1 | IC 200-160312/4   | 43343-04.D   |
| Level 2 | IC 200-160312/5   | 43343-05.D   |
| Level 3 | IC 200-160312/6   | 43343-06.D   |
| Level 4 | IC 200-160312/7   | 43343-07.D   |
| Level 5 | ICIS 200-160312/8 | 43343-08.D   |
| Level 6 | IC 200-160312/9   | 43343-09.D   |
| Level 7 | IC 200-160312/12  | 43343-12.D   |
| Level 8 | IC 200-160312/13  | 43343-13.D   |

| ANALYTE                       | RRF              |                  |                  |        |        | CURVE TYPE | COEFFICIENT |        |    | # | MIN RRF | %RSD | # | MAX %RSD | R^2 OR COD | # | MIN R^2 OR COD |
|-------------------------------|------------------|------------------|------------------|--------|--------|------------|-------------|--------|----|---|---------|------|---|----------|------------|---|----------------|
|                               | LVL 1<br>LVL 6   | LVL 2<br>LVL 7   | LVL 3<br>LVL 8   | LVL 4  | LVL 5  |            | B           | M1     | M2 |   |         |      |   |          |            |   |                |
| Propylene                     | ++++<br>0.7042   | ++++<br>0.6405   | 1.0429<br>0.6646 | 0.7122 | 0.6998 | Ave        |             | 0.7440 |    |   |         | 20.0 |   | 30.0     |            |   |                |
| Dichlorodifluoromethane       | ++++<br>3.3112   | ++++<br>3.0311   | 3.6821<br>3.1927 | 3.4457 | 3.3828 | Ave        |             | 3.3409 |    |   |         | 6.7  |   | 30.0     |            |   |                |
| Freon 22                      | ++++<br>1.4999   | ++++<br>1.3496   | 1.6861<br>1.4330 | 1.5225 | 1.4877 | Ave        |             | 1.4965 |    |   |         | 7.5  |   | 30.0     |            |   |                |
| 1,2-Dichlorotetrafluoroethane | ++++<br>2.6429   | 3.0358<br>2.3338 | 2.9611<br>2.4482 | 2.6201 | 2.6315 | Ave        |             | 2.6676 |    |   |         | 9.5  |   | 30.0     |            |   |                |
| Chloromethane                 | ++++<br>0.5560   | ++++<br>0.4729   | 0.6099<br>0.5185 | 0.5500 | 0.5512 | Ave        |             | 0.5431 |    |   |         | 8.4  |   | 30.0     |            |   |                |
| n-Butane                      | ++++<br>0.8452   | ++++<br>0.7033   | 0.9699<br>0.7861 | 0.8498 | 0.8328 | Ave        |             | 0.8312 |    |   |         | 10.5 |   | 30.0     |            |   |                |
| Vinyl chloride                | 0.9795<br>0.7138 | 0.8168<br>0.5580 | 0.8370<br>0.6526 | 0.6467 | 0.6768 | Ave        |             | 0.7351 |    |   |         | 18.3 |   | 30.0     |            |   |                |
| 1,3-Butadiene                 | 0.8742<br>0.5038 | 0.6656<br>0.4073 | 0.5489<br>0.4555 | 0.4787 | 0.4903 | Ave        |             | 0.5530 |    |   |         | 27.2 |   | 30.0     |            |   |                |
| Bromomethane                  | ++++<br>0.7872   | 0.8634<br>0.6424 | 0.8531<br>0.7401 | 0.7541 | 0.7730 | Ave        |             | 0.7733 |    |   |         | 9.6  |   | 30.0     |            |   |                |
| Chloroethane                  | ++++<br>0.3004   | ++++<br>0.2451   | 0.3214<br>0.2818 | 0.2754 | 0.2901 | Ave        |             | 0.2857 |    |   |         | 9.0  |   | 30.0     |            |   |                |
| Isopentane                    | ++++<br>0.5358   | 0.9105<br>0.4649 | 0.6390<br>0.5031 | 0.5004 | 0.5401 | Ave        |             | 0.5848 |    |   |         | 26.3 |   | 30.0     |            |   |                |
| Bromoethene (Vinyl Bromide)   | ++++<br>0.7874   | 1.0276<br>0.6876 | 0.8734<br>0.7320 | 0.7568 | 0.7665 | Ave        |             | 0.8045 |    |   |         | 14.1 |   | 30.0     |            |   |                |
| Trichlorofluoromethane        | ++++<br>2.6523   | 3.3124<br>2.4927 | 3.0103<br>2.5022 | 2.7248 | 2.6635 | Ave        |             | 2.7655 |    |   |         | 10.7 |   | 30.0     |            |   |                |
| n-Pentane                     | ++++<br>0.8381   | ++++<br>0.7751   | 1.2057<br>0.7782 | 0.8426 | 0.8322 | Ave        |             | 0.8786 |    |   |         | 18.6 |   | 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 TestAmerica, Burlington Job No.: 200-56158-1 Analy Batch No.: 160312

SDG No.: \_\_\_\_\_

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

Calibration Start Date: 10/22/2020 17:37 Calibration End Date: 10/23/2020 01:45 Calibration ID: 44349

| ANALYTE                  | RRF              |                  |                  |        |        | CURVE<br>TYPE | COEFFICIENT |        |    | # | MIN RRF | %RSD | # | MAX<br>%RSD | R^2<br>OR COD | # | MIN R^2<br>OR COD |
|--------------------------|------------------|------------------|------------------|--------|--------|---------------|-------------|--------|----|---|---------|------|---|-------------|---------------|---|-------------------|
|                          | LVL 1<br>LVL 6   | LVL 2<br>LVL 7   | LVL 3<br>LVL 8   | LVL 4  | LVL 5  |               | B           | M1     | M2 |   |         |      |   |             |               |   |                   |
| Ethanol                  | ++++<br>0.2682   | ++++<br>0.2235   | 0.3387<br>0.2175 | 0.3006 | 0.2853 | Ave           |             | 0.2723 |    |   |         | 17.1 |   | 30.0        |               |   |                   |
| Ethyl ether              | ++++<br>0.4344   | 0.5574<br>0.4050 | 0.4197<br>0.4090 | 0.4452 | 0.4232 | Ave           |             | 0.4420 |    |   |         | 11.9 |   | 30.0        |               |   |                   |
| Acrolein                 | ++++<br>0.2202   | ++++<br>0.2178   | ++++<br>0.2236   | 0.2274 | 0.2259 | Ave           |             | 0.2230 |    |   |         | 1.8  |   | 30.0        |               |   |                   |
| Freon TF                 | ++++<br>1.8608   | 2.1828<br>1.7786 | 2.1512<br>1.7427 | 1.9476 | 1.8946 | Ave           |             | 1.8996 |    |   |         | 10.0 |   | 30.0        |               |   |                   |
| 1,1-Dichloroethene       | 0.9663<br>0.7961 | 1.0655<br>0.7474 | 0.9748<br>0.7209 | 0.8512 | 0.8237 | Ave           |             | 0.8683 |    |   |         | 14.0 |   | 30.0        |               |   |                   |
| Acetone                  | ++++<br>0.9503   | ++++<br>0.9183   | ++++<br>0.9036   | 1.0388 | 0.9742 | Ave           |             | 0.9571 |    |   |         | 5.6  |   | 30.0        |               |   |                   |
| Carbon disulfide         | ++++<br>2.0896   | ++++<br>1.9807   | 2.2814<br>2.0277 | 2.1178 | 2.0599 | Ave           |             | 2.0929 |    |   |         | 5.0  |   | 30.0        |               |   |                   |
| Isopropyl alcohol        | ++++<br>1.0096   | ++++<br>0.9514   | ++++<br>0.9461   | 1.0509 | 1.0519 | Ave           |             | 1.0020 |    |   |         | 5.1  |   | 30.0        |               |   |                   |
| 3-Chloropropene          | ++++<br>0.7553   | 0.6743<br>0.7435 | 0.8069<br>0.7002 | 0.7872 | 0.7613 | Ave           |             | 0.7469 |    |   |         | 6.2  |   | 30.0        |               |   |                   |
| Acetonitrile             | ++++<br>0.3733   | ++++<br>0.3757   | ++++<br>0.3673   | 0.3667 | 0.3863 | Ave           |             | 0.3738 |    |   |         | 2.1  |   | 30.0        |               |   |                   |
| Methylene Chloride       | ++++<br>0.7540   | ++++<br>0.7539   | 0.8893<br>0.7198 | 0.7922 | 0.7641 | Ave           |             | 0.7789 |    |   |         | 7.6  |   | 30.0        |               |   |                   |
| tert-Butyl alcohol       | ++++<br>1.5404   | ++++<br>1.4513   | ++++<br>1.4337   | 1.5923 | 1.5788 | Ave           |             | 1.6038 |    |   |         | 13.5 |   | 30.0        |               |   |                   |
| Methyl tert-butyl ether  | ++++<br>2.4521   | 3.0203<br>2.3861 | 2.7405<br>2.2819 | 2.5414 | 2.4729 | Ave           |             | 2.5565 |    |   |         | 9.7  |   | 30.0        |               |   |                   |
| trans-1,2-Dichloroethene | 1.4063<br>1.1371 | 1.2080<br>1.0911 | 1.3036<br>1.0548 | 1.1776 | 1.1483 | Ave           |             | 1.1908 |    |   |         | 9.7  |   | 30.0        |               |   |                   |
| Acrylonitrile            | ++++<br>0.4154   | ++++<br>0.4051   | 0.4715<br>0.4119 | 0.3933 | 0.4074 | Ave           |             | 0.4174 |    |   |         | 6.6  |   | 30.0        |               |   |                   |
| n-Hexane                 | ++++<br>0.9609   | 1.4483<br>0.9361 | 1.2051<br>0.9107 | 1.0256 | 0.9962 | Ave           |             | 1.0690 |    |   |         | 18.1 |   | 30.0        |               |   |                   |
| 1,1-Dichloroethane       | 2.0507<br>1.4114 | 1.7809<br>1.3828 | 1.6516<br>1.3581 | 1.4866 | 1.4170 | Ave           |             | 1.5674 |    |   |         | 15.6 |   | 30.0        |               |   |                   |
| Vinyl acetate            | ++++<br>1.5926   | ++++<br>1.5633   | ++++<br>1.5353   | 1.5932 | 1.5631 | Ave           |             | 1.5695 |    |   |         | 1.5  |   | 30.0        |               |   |                   |
| cis-1,2-Dichloroethene   | 1.8304<br>1.0807 | 1.3100<br>1.0604 | 1.2852<br>1.0404 | 1.1203 | 1.0903 | Ave           |             | 1.2272 |    |   |         | 21.5 |   | 30.0        |               |   |                   |
| Methyl Ethyl Ketone      | ++++<br>0.4350   | ++++<br>0.4238   | 0.5131<br>0.4170 | 0.4435 | 0.4425 | Ave           |             | 0.4458 |    |   |         | 7.8  |   | 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 TestAmerica, Burlington Job No.: 200-56158-1 Analy Batch No.: 160312

SDG No.: \_\_\_\_\_

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

Calibration Start Date: 10/22/2020 17:37 Calibration End Date: 10/23/2020 01:45 Calibration ID: 44349

| ANALYTE                 | RRF              |                  |                  |        |        | CURVE TYPE | COEFFICIENT |        |    | # | MIN RRF | %RSD | # | MAX %RSD | R^2 OR COD | # | MIN R^2 OR COD |
|-------------------------|------------------|------------------|------------------|--------|--------|------------|-------------|--------|----|---|---------|------|---|----------|------------|---|----------------|
|                         | LVL 1<br>LVL 6   | LVL 2<br>LVL 7   | LVL 3<br>LVL 8   | LVL 4  | LVL 5  |            | B           | M1     | M2 |   |         |      |   |          |            |   |                |
| Ethyl acetate           | ++++<br>0.0877   | ++++<br>0.0847   | ++++<br>0.0817   | 0.0896 | 0.0857 | Ave        |             | 0.0859 |    |   |         | 3.5  |   | 30.0     |            |   |                |
| Tetrahydrofuran         | ++++<br>0.1407   | ++++<br>0.1407   | ++++<br>0.1386   | 0.1396 | 0.1422 | Ave        |             | 0.1404 |    |   |         | 1.0  |   | 30.0     |            |   |                |
| Chloroform              | ++++<br>2.4615   | 3.1060<br>2.4692 | 2.8038<br>2.3567 | 2.6069 | 2.5166 | Ave        |             | 2.6172 |    |   |         | 9.8  |   | 30.0     |            |   |                |
| 1,1,1-Trichloroethane   | ++++<br>0.4979   | 0.6035<br>0.5099 | 0.5441<br>0.4892 | 0.5143 | 0.5006 | Ave        |             | 0.5228 |    |   |         | 7.6  |   | 30.0     |            |   |                |
| Cyclohexane             | ++++<br>0.2451   | 0.3005<br>0.2411 | 0.2713<br>0.2357 | 0.2467 | 0.2428 | Ave        |             | 0.2547 |    |   |         | 9.1  |   | 30.0     |            |   |                |
| Carbon tetrachloride    | 0.5561<br>0.5755 | 0.6257<br>0.5944 | 0.5999<br>0.5772 | 0.5901 | 0.5812 | Ave        |             | 0.5875 |    |   |         | 3.5  |   | 30.0     |            |   |                |
| Benzene                 | ++++<br>0.6209   | 0.7249<br>0.6140 | 0.6699<br>0.6169 | 0.6136 | 0.6152 | Ave        |             | 0.6393 |    |   |         | 6.7  |   | 30.0     |            |   |                |
| 2,2,4-Trimethylpentane  | ++++<br>0.8462   | 1.0534<br>0.8383 | 0.9484<br>0.8304 | 0.8486 | 0.8383 | Ave        |             | 0.8862 |    |   |         | 9.5  |   | 30.0     |            |   |                |
| 1,2-Dichloroethane      | ++++<br>0.2983   | 0.3251<br>0.3066 | 0.3336<br>0.2998 | 0.3068 | 0.3014 | Ave        |             | 0.3102 |    |   |         | 4.4  |   | 30.0     |            |   |                |
| n-Heptane               | ++++<br>0.3059   | 0.3358<br>0.3091 | 0.3592<br>0.3011 | 0.3068 | 0.3062 | Ave        |             | 0.3177 |    |   |         | 6.8  |   | 30.0     |            |   |                |
| n-Butanol               | ++++<br>0.1544   | 0.1550<br>0.1496 | 0.2107<br>0.1514 | 0.1631 | 0.1583 | Ave        |             | 0.1632 |    |   |         | 13.1 |   | 30.0     |            |   |                |
| Trichloroethene         | 0.5350<br>0.3677 | 0.3993<br>0.3667 | 0.4230<br>0.3588 | 0.3820 | 0.3693 | Ave        |             | 0.4002 |    |   |         | 14.6 |   | 30.0     |            |   |                |
| 1,2-Dichloropropane     | ++++<br>0.2771   | 0.3201<br>0.2755 | 0.3050<br>0.2760 | 0.2765 | 0.2758 | Ave        |             | 0.2866 |    |   |         | 6.4  |   | 30.0     |            |   |                |
| Methyl methacrylate     | ++++<br>0.2946   | ++++<br>0.2868   | ++++<br>0.2811   | 0.2942 | 0.2896 | Ave        |             | 0.2942 |    |   |         | 4.4  |   | 30.0     |            |   |                |
| Dibromomethane          | ++++<br>0.5255   | 0.5882<br>0.5344 | 0.5947<br>0.5047 | 0.5450 | 0.5289 | Ave        |             | 0.5459 |    |   |         | 6.1  |   | 30.0     |            |   |                |
| 1,4-Dioxane             | ++++<br>0.1643   | ++++<br>0.1566   | ++++<br>0.1494   | 0.1762 | 0.1744 | Ave        |             | 0.1642 |    |   |         | 7.0  |   | 30.0     |            |   |                |
| Bromodichloromethane    | ++++<br>0.6391   | 0.7280<br>0.6553 | 0.7124<br>0.6423 | 0.6534 | 0.6428 | Ave        |             | 0.6676 |    |   |         | 5.5  |   | 30.0     |            |   |                |
| cis-1,3-Dichloropropene | ++++<br>0.5793   | 0.6411<br>0.5878 | 0.6033<br>0.5852 | 0.5734 | 0.5764 | Ave        |             | 0.5923 |    |   |         | 4.0  |   | 30.0     |            |   |                |
| methyl isobutyl ketone  | ++++<br>0.6283   | ++++<br>0.6388   | 0.6227<br>0.6254 | 0.6144 | 0.6253 | Ave        |             | 0.6258 |    |   |         | 1.3  |   | 30.0     |            |   |                |
| Toluene                 | ++++<br>0.6073   | 0.6897<br>0.5997 | 0.6452<br>0.6055 | 0.6156 | 0.6104 | Ave        |             | 0.6248 |    |   |         | 5.2  |   | 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 TestAmerica, Burlington Job No.: 200-56158-1 Analy Batch No.: 160312

SDG No.: \_\_\_\_\_

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

Calibration Start Date: 10/22/2020 17:37 Calibration End Date: 10/23/2020 01:45 Calibration ID: 44349

| ANALYTE                          | RRF              |                  |                  |        |        | CURVE<br>TYPE | COEFFICIENT |        |    | # | MIN RRF | %RSD | # | MAX<br>%RSD | R^2<br>OR COD | # | MIN R^2<br>OR COD |
|----------------------------------|------------------|------------------|------------------|--------|--------|---------------|-------------|--------|----|---|---------|------|---|-------------|---------------|---|-------------------|
|                                  | LVL 1<br>LVL 6   | LVL 2<br>LVL 7   | LVL 3<br>LVL 8   | LVL 4  | LVL 5  |               | B           | M1     | M2 |   |         |      |   |             |               |   |                   |
| n-Octane                         | ++++<br>0.6393   | 0.7514<br>0.6503 | 0.7282<br>0.6141 | 0.6461 | 0.6392 | Ave           |             | 0.6669 |    |   |         | 7.7  |   | 30.0        |               |   |                   |
| trans-1,3-Dichloropropene        | ++++<br>0.5502   | 0.5574<br>0.5672 | 0.5458<br>0.5544 | 0.5434 | 0.5394 | Ave           |             | 0.5511 |    |   |         | 1.7  |   | 30.0        |               |   |                   |
| 1,1,2-Trichloroethane            | ++++<br>0.2824   | 0.3531<br>0.2768 | 0.2990<br>0.2823 | 0.2870 | 0.2822 | Ave           |             | 0.2947 |    |   |         | 9.1  |   | 30.0        |               |   |                   |
| Tetrachloroethene                | 0.7969<br>0.6177 | 0.7816<br>0.6334 | 0.7092<br>0.6203 | 0.6525 | 0.6309 | Ave           |             | 0.6803 |    |   |         | 10.8 |   | 30.0        |               |   |                   |
| Methyl Butyl Ketone (2-Hexanone) | ++++<br>0.5444   | ++++<br>0.5441   | 0.5418<br>0.5591 | 0.5312 | 0.5397 | Ave           |             | 0.5434 |    |   |         | 1.7  |   | 30.0        |               |   |                   |
| Dibromochloromethane             | ++++<br>0.7363   | 0.7848<br>0.7548 | 0.7906<br>0.7395 | 0.7511 | 0.7458 | Ave           |             | 0.7576 |    |   |         | 2.9  |   | 30.0        |               |   |                   |
| 1,2-Dibromoethane                | ++++<br>0.5648   | 0.5876<br>0.5652 | 0.5855<br>0.5682 | 0.5816 | 0.5641 | Ave           |             | 0.5738 |    |   |         | 1.8  |   | 30.0        |               |   |                   |
| Chlorobenzene                    | ++++<br>0.8499   | 1.0286<br>0.8545 | 0.9424<br>0.8568 | 0.8768 | 0.8542 | Ave           |             | 0.8948 |    |   |         | 7.5  |   | 30.0        |               |   |                   |
| Ethylbenzene                     | ++++<br>1.3792   | 1.5833<br>1.3783 | 1.4835<br>1.3851 | 1.3971 | 1.3801 | Ave           |             | 1.4267 |    |   |         | 5.5  |   | 30.0        |               |   |                   |
| n-Nonane                         | ++++<br>0.5682   | 0.6915<br>0.5639 | 0.6093<br>0.5384 | 0.5901 | 0.5727 | Ave           |             | 0.5906 |    |   |         | 8.4  |   | 30.0        |               |   |                   |
| m,p-Xylene                       | ++++<br>0.5236   | 0.6189<br>0.5258 | 0.6075<br>0.5056 | 0.5571 | 0.5339 | Ave           |             | 0.5532 |    |   |         | 7.9  |   | 30.0        |               |   |                   |
| Xylene, o-                       | ++++<br>0.5280   | 0.6241<br>0.5307 | 0.5952<br>0.5202 | 0.5370 | 0.5328 | Ave           |             | 0.5526 |    |   |         | 7.3  |   | 30.0        |               |   |                   |
| Styrene                          | ++++<br>0.8875   | 0.9331<br>0.8905 | 0.8671<br>0.8726 | 0.9073 | 0.8906 | Ave           |             | 0.8927 |    |   |         | 2.5  |   | 30.0        |               |   |                   |
| Bromoform                        | ++++<br>0.7472   | 0.6802<br>0.7780 | 0.7223<br>0.7414 | 0.7521 | 0.7691 | Ave           |             | 0.7415 |    |   |         | 4.4  |   | 30.0        |               |   |                   |
| Cumene                           | ++++<br>1.6178   | 1.8792<br>1.6466 | 1.7415<br>1.6182 | 1.6603 | 1.6392 | Ave           |             | 1.6861 |    |   |         | 5.6  |   | 30.0        |               |   |                   |
| 1,1,2,2-Tetrachloroethane        | ++++<br>0.7613   | 0.8271<br>0.7694 | 0.7805<br>0.7570 | 0.7697 | 0.7634 | Ave           |             | 0.7755 |    |   |         | 3.1  |   | 30.0        |               |   |                   |
| 1,2,3-Trichloropropane           | ++++<br>0.5918   | ++++<br>0.6013   | 0.6361<br>0.5816 | 0.6079 | 0.6014 | Ave           |             | 0.6033 |    |   |         | 3.1  |   | 30.0        |               |   |                   |
| n-Propylbenzene                  | ++++<br>1.8665   | 2.0785<br>1.8903 | 1.9792<br>1.8183 | 1.9224 | 1.8808 | Ave           |             | 1.9194 |    |   |         | 4.5  |   | 30.0        |               |   |                   |
| 2-Chlorotoluene                  | ++++<br>1.2887   | 1.4687<br>1.3183 | 1.3592<br>1.2689 | 1.3335 | 1.3078 | Ave           |             | 1.3350 |    |   |         | 4.9  |   | 30.0        |               |   |                   |
| 4-Ethyltoluene                   | ++++<br>1.6263   | 1.6991<br>1.6596 | 1.7825<br>1.5854 | 1.6908 | 1.6491 | Ave           |             | 1.6704 |    |   |         | 3.7  |   | 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 TestAmerica, Burlington Job No.: 200-56158-1 Analy Batch No.: 160312

SDG No.: \_\_\_\_\_

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

Calibration Start Date: 10/22/2020 17:37 Calibration End Date: 10/23/2020 01:45 Calibration ID: 44349

| ANALYTE                | RRF            |                  |                  |        |        | CURVE<br>TYPE | COEFFICIENT |        |    | # | MIN RRF | %RSD | # | MAX<br>%RSD | R^2<br>OR COD | # | MIN R^2<br>OR COD |
|------------------------|----------------|------------------|------------------|--------|--------|---------------|-------------|--------|----|---|---------|------|---|-------------|---------------|---|-------------------|
|                        | LVL 1<br>LVL 6 | LVL 2<br>LVL 7   | LVL 3<br>LVL 8   | LVL 4  | LVL 5  |               | B           | M1     | M2 |   |         |      |   |             |               |   |                   |
| n-Decane               | ++++<br>0.7579 | ++++<br>0.7570   | 0.8061<br>0.7307 | 0.7868 | 0.7706 | Ave           |             | 0.7682 |    |   |         | 3.4  |   | 30.0        |               |   |                   |
| 1,3,5-Trimethylbenzene | ++++<br>1.3354 | 1.4749<br>1.3761 | 1.4323<br>1.3391 | 1.3918 | 1.3685 | Ave           |             | 1.3883 |    |   |         | 3.6  |   | 30.0        |               |   |                   |
| Alpha Methyl Styrene   | ++++<br>0.7503 | 0.7730<br>0.7765 | 0.7383<br>0.7429 | 0.7647 | 0.7636 | Ave           |             | 0.7585 |    |   |         | 2.0  |   | 30.0        |               |   |                   |
| tert-Butylbenzene      | ++++<br>1.3498 | 1.4300<br>1.3948 | 1.4765<br>1.3281 | 1.4135 | 1.3894 | Ave           |             | 1.3974 |    |   |         | 3.5  |   | 30.0        |               |   |                   |
| 1,2,4-Trimethylbenzene | ++++<br>1.3709 | 1.5241<br>1.4188 | 1.4047<br>1.3598 | 1.4231 | 1.3993 | Ave           |             | 1.4144 |    |   |         | 3.8  |   | 30.0        |               |   |                   |
| sec-Butylbenzene       | ++++<br>2.0323 | 2.2053<br>2.0976 | 2.0954<br>1.9685 | 2.1179 | 2.0893 | Ave           |             | 2.0866 |    |   |         | 3.5  |   | 30.0        |               |   |                   |
| 4-Isopropyltoluene     | ++++<br>1.7552 | 1.9545<br>1.8086 | 1.8350<br>1.6477 | 1.8367 | 1.7997 | Ave           |             | 1.8053 |    |   |         | 5.1  |   | 30.0        |               |   |                   |
| 1,3-Dichlorobenzene    | ++++<br>0.9939 | 1.1700<br>1.0349 | 1.0755<br>0.9510 | 1.0625 | 1.0279 | Ave           |             | 1.0451 |    |   |         | 6.6  |   | 30.0        |               |   |                   |
| 1,4-Dichlorobenzene    | ++++<br>1.0550 | 1.1664<br>1.0995 | 1.0728<br>1.0444 | 1.1064 | 1.0703 | Ave           |             | 1.0878 |    |   |         | 3.8  |   | 30.0        |               |   |                   |
| Benzyl chloride        | ++++<br>1.2018 | 1.1788<br>1.2845 | 1.1619<br>1.2608 | 1.2266 | 1.2315 | Ave           |             | 1.2208 |    |   |         | 3.6  |   | 30.0        |               |   |                   |
| n-Butylbenzene         | ++++<br>1.6173 | 1.5782<br>1.6877 | 1.5156<br>1.5829 | 1.6671 | 1.6516 | Ave           |             | 1.6143 |    |   |         | 3.7  |   | 30.0        |               |   |                   |
| n-Undecane             | ++++<br>0.8405 | ++++<br>0.8601   | ++++<br>0.7715   | 0.8980 | 0.8818 | Ave           |             | 0.8504 |    |   |         | 5.8  |   | 30.0        |               |   |                   |
| 1,2-Dichlorobenzene    | ++++<br>0.9637 | 1.1350<br>1.0142 | 1.0391<br>0.9279 | 1.0285 | 0.9975 | Ave           |             | 1.0151 |    |   |         | 6.4  |   | 30.0        |               |   |                   |
| n-Dodecane             | ++++<br>0.7891 | ++++<br>0.8399   | ++++<br>0.6945   | 0.7296 | 0.7924 | Ave           |             | 0.7691 |    |   |         | 7.4  |   | 30.0        |               |   |                   |
| 1,2,4-Trichlorobenzene | ++++<br>0.9007 | ++++<br>1.0028   | 0.3362<br>0.9166 | 0.8189 | 0.8891 | Ave           |             | 0.8107 |    |   |         | 29.6 |   | 30.0        |               |   |                   |
| Hexachlorobutadiene    | ++++<br>1.0262 | 1.0046<br>1.0971 | 1.0055<br>0.9366 | 1.1124 | 1.0854 | Ave           |             | 1.0383 |    |   |         | 6.1  |   | 30.0        |               |   |                   |
| Naphthalene            | ++++<br>1.7350 | ++++<br>1.9684   | 0.4027<br>1.7984 | 1.4394 | 1.6956 | Ave           |             | 1.5066 |    |   |         | 37.7 | * | 30.0        |               |   |                   |
| 1,2,3-Trichlorobenzene | ++++<br>0.7526 | 0.1670<br>0.8660 | 0.1242<br>0.7713 | 0.6169 | 0.7202 | Ave           |             | 0.5740 |    |   |         | 52.6 | * | 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  
RESPONSE AND CONCENTRATION

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-56158-1 Analy Batch No.: 160312

SDG No.: \_\_\_\_\_

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

Calibration Start Date: 10/22/2020 17:37 Calibration End Date: 10/23/2020 01:45 Calibration ID: 44349

Calibration Files:

| LEVEL:  | LAB SAMPLE ID:    | LAB FILE ID: |
|---------|-------------------|--------------|
| Level 1 | IC 200-160312/4   | 43343-04.D   |
| Level 2 | IC 200-160312/5   | 43343-05.D   |
| Level 3 | IC 200-160312/6   | 43343-06.D   |
| Level 4 | IC 200-160312/7   | 43343-07.D   |
| Level 5 | ICIS 200-160312/8 | 43343-08.D   |
| Level 6 | IC 200-160312/9   | 43343-09.D   |
| Level 7 | IC 200-160312/12  | 43343-12.D   |
| Level 8 | IC 200-160312/13  | 43343-13.D   |

| ANALYTE                       | IS<br>REF | CURVE<br>TYPE | RESPONSE         |                  |                  |        |        | CONCENTRATION (PPB V/V) |                |                |       |       |
|-------------------------------|-----------|---------------|------------------|------------------|------------------|--------|--------|-------------------------|----------------|----------------|-------|-------|
|                               |           |               | LVL 1<br>LVL 6   | LVL 2<br>LVL 7   | LVL 3<br>LVL 8   | LVL 4  | LVL 5  | LVL 1<br>LVL 6          | LVL 2<br>LVL 7 | LVL 3<br>LVL 8 | LVL 4 | LVL 5 |
| Propylene                     | BCM       | Ave           | +++++<br>242869  | +++++<br>263538  | 9387<br>678948   | 63424  | 147195 | +++++<br>15.5           | +++++<br>20.6  | 0.465<br>41.3  | 4.64  | 10.3  |
| Dichlorodifluoromethane       | BCM       | Ave           | +++++<br>1155283 | +++++<br>1261560 | 33528<br>3299729 | 310403 | 719764 | +++++<br>15.7           | +++++<br>20.9  | 0.470<br>41.8  | 4.69  | 10.4  |
| Freon 22                      | BCM       | Ave           | +++++<br>525329  | +++++<br>563849  | 15412<br>1486716 | 137681 | 317750 | +++++<br>15.7           | +++++<br>21.0  | 0.472<br>41.9  | 4.71  | 10.5  |
| 1,2-Dichlorotetrafluoroethane | BCM       | Ave           | +++++<br>919445  | 11570<br>968544  | 26886<br>2522988 | 235354 | 558298 | +++++<br>15.6           | 0.188<br>20.8  | 0.469<br>41.6  | 4.68  | 10.4  |
| Chloromethane                 | BCM       | Ave           | +++++<br>202914  | +++++<br>205853  | 5809<br>560513   | 51828  | 122664 | +++++<br>16.4           | +++++<br>21.8  | 0.492<br>43.7  | 4.91  | 10.9  |
| n-Butane                      | BCM       | Ave           | +++++<br>292626  | +++++<br>290462  | 8764<br>806283   | 75972  | 175831 | +++++<br>15.5           | +++++<br>20.7  | 0.467<br>41.4  | 4.66  | 10.4  |
| Vinyl chloride                | BCM       | Ave           | 796<br>247844    | 3107<br>231152   | 7585<br>671209   | 57982  | 143304 | 0.0364<br>15.6          | 0.187<br>20.8  | 0.468<br>41.6  | 4.67  | 10.4  |
| 1,3-Butadiene                 | BCM       | Ave           | 692<br>170386    | 2466<br>164317   | 4845<br>456319   | 41800  | 101130 | 0.0355<br>15.2          | 0.183<br>20.2  | 0.456<br>40.5  | 4.55  | 10.1  |
| Bromomethane                  | BCM       | Ave           | +++++<br>271227  | 3259<br>264058   | 7671<br>755402   | 67088  | 162428 | +++++<br>15.5           | 0.186<br>20.6  | 0.464<br>41.2  | 4.63  | 10.3  |
| Chloroethane                  | BCM       | Ave           | +++++<br>104294  | +++++<br>101536  | 2913<br>289824   | 24692  | 61431  | +++++<br>15.6           | +++++<br>20.8  | 0.468<br>41.6  | 4.67  | 10.4  |
| Isopentane                    | BCM       | Ave           | +++++<br>186937  | 3480<br>193497   | 5819<br>519992   | 45076  | 114917 | +++++<br>15.7           | 0.188<br>20.9  | 0.470<br>41.8  | 4.69  | 10.4  |
| Bromoethene (Vinyl Bromide)   | BCM       | Ave           | +++++<br>274210  | 3920<br>285648   | 7938<br>755150   | 68047  | 162778 | +++++<br>15.6           | 0.188<br>20.8  | 0.469<br>41.7  | 4.68  | 10.4  |
| Trichlorofluoromethane        | BCM       | Ave           | +++++<br>936014  | 12806<br>1049409 | 27726<br>2615866 | 248288 | 573237 | +++++<br>15.8           | 0.190<br>21.1  | 0.476<br>42.2  | 4.74  | 10.6  |
| n-Pentane                     | BCM       | Ave           | +++++<br>283721  | +++++<br>313023  | 10653<br>780375  | 73650  | 171805 | +++++<br>15.2           | +++++<br>20.3  | 0.456<br>40.5  | 4.55  | 10.1  |
| Ethanol                       | BCM       | Ave           | +++++<br>119761  | +++++<br>178245  | 29580<br>538404  | 51913  | 87268  | +++++<br>20.0           | +++++<br>40.0  | 4.51<br>100.0  | 8.99  | 15.0  |

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

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-56158-1 Analy Batch No.: 160312

SDG No.: \_\_\_\_\_

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

Calibration Start Date: 10/22/2020 17:37 Calibration End Date: 10/23/2020 01:45 Calibration ID: 44349

| ANALYTE                  | IS<br>REF | CURVE<br>TYPE | RESPONSE       |                 |                          |        |        | CONCENTRATION (PPB V/V) |                |                |       |       |
|--------------------------|-----------|---------------|----------------|-----------------|--------------------------|--------|--------|-------------------------|----------------|----------------|-------|-------|
|                          |           |               | LVL 1<br>LVL 6 | LVL 2<br>LVL 7  | LVL 3<br>LVL 8           | LVL 4  | LVL 5  | LVL 1<br>LVL 6          | LVL 2<br>LVL 7 | LVL 3<br>LVL 8 | LVL 4 | LVL 5 |
| Ethyl ether              | BCM       | Ave           | ++++<br>146322 | 2057<br>162745  | 3690<br>408133           | 38726  | 86944  | ++++<br>15.1            | 0.182<br>20.2  | 0.454<br>40.3  | 4.53  | 10.1  |
| Acrolein                 | BCM       | Ave           | ++++<br>71528  | ++++<br>84383   | ++++<br>215125           | 19071  | 44757  | ++++<br>14.6            | ++++<br>19.4   | ++++<br>38.9   | 4.37  | 9.72  |
| Freon TF                 | BCM       | Ave           | ++++<br>652346 | 8383<br>743818  | 19682<br>1809776         | 176286 | 405042 | ++++<br>15.7            | 0.189<br>21.0  | 0.472<br>42.0  | 4.71  | 10.5  |
| 1,1-Dichloroethene       | BCM       | Ave           | 777<br>273498  | 4010<br>306327  | 8740<br>733670           | 75508  | 172582 | 0.0361<br>15.4          | 0.185<br>20.6  | 0.463<br>41.1  | 4.62  | 10.3  |
| Acetone                  | BCM       | Ave           | ++++<br>325221 | ++++<br>374889  | ++++<br>916018           | 91785  | 203315 | ++++<br>15.4            | ++++<br>20.5   | ++++<br>41.0   | 4.60  | 10.2  |
| Carbon disulfide         | BCM       | Ave           | ++++<br>709516 | ++++<br>802286  | ++++<br>20217<br>2039494 | 185669 | 426534 | ++++<br>15.2            | ++++<br>20.3   | 0.458<br>40.6  | 4.57  | 10.2  |
| Isopropyl alcohol        | BCM       | Ave           | ++++<br>344836 | ++++<br>387633  | ++++<br>957220           | 92676  | 219089 | ++++<br>15.3            | ++++<br>20.4   | ++++<br>40.9   | 4.59  | 10.2  |
| 3-Chloropropene          | BCM       | Ave           | ++++<br>268819 | ++++<br>315679  | ++++<br>7495<br>738249   | 72339  | 165245 | ++++<br>16.0            | 0.192<br>21.3  | 0.480<br>42.6  | 4.79  | 10.6  |
| Acetonitrile             | BCM       | Ave           | ++++<br>123497 | ++++<br>148263  | ++++<br>359971           | 31323  | 77936  | ++++<br>14.9            | ++++<br>19.8   | ++++<br>39.6   | 4.45  | 9.90  |
| Methylene Chloride       | BCM       | Ave           | ++++<br>259041 | ++++<br>308972  | 7974<br>732537           | 70269  | 160097 | ++++<br>15.4            | ++++<br>20.6   | 0.463<br>41.1  | 4.62  | 10.3  |
| tert-Butyl alcohol       | BCM       | Ave           | ++++<br>554929 | ++++<br>623708  | ++++<br>1530083          | 148114 | 346858 | ++++<br>16.2            | ++++<br>21.6   | ++++<br>43.1   | 4.84  | 10.8  |
| Methyl tert-butyl ether  | BCM       | Ave           | ++++<br>856367 | 11555<br>994058 | 24978<br>2360670         | 229161 | 526664 | ++++<br>15.7            | 0.189<br>20.9  | 0.471<br>41.8  | 4.70  | 10.4  |
| trans-1,2-Dichloroethene | BCM       | Ave           | 1122<br>387601 | 4511<br>443692  | 11597<br>1065122         | 103644 | 238703 | 0.0358<br>15.3          | 0.184<br>20.4  | 0.459<br>40.8  | 4.58  | 10.2  |
| Acrylonitrile            | BCM       | Ave           | ++++<br>140345 | ++++<br>163270  | 4158<br>412237           | 34309  | 83937  | ++++<br>15.2            | ++++<br>20.2   | 0.455<br>40.4  | 4.54  | 10.1  |
| n-Hexane                 | BCM       | Ave           | ++++<br>340085 | 5615<br>395205  | 11131<br>954725          | 93723  | 215007 | ++++<br>15.9            | 0.191<br>21.2  | 0.477<br>42.4  | 4.76  | 10.6  |
| 1,1-Dichloroethane       | BCM       | Ave           | 1604<br>471693 | 6520<br>551269  | 14405<br>1344514         | 128277 | 288799 | 0.0351<br>15.0          | 0.180<br>20.0  | 0.450<br>40.0  | 4.49  | 10.00 |
| Vinyl acetate            | BCM       | Ave           | ++++<br>552983 | ++++<br>647526  | ++++<br>1579196          | 142840 | 330996 | ++++<br>15.6            | ++++<br>20.8   | ++++<br>41.6   | 4.67  | 10.4  |
| cis-1,2-Dichloroethene   | BCM       | Ave           | 1446<br>364765 | 4844<br>426974  | 11322<br>1040322         | 97633  | 224426 | 0.0354<br>15.2          | 0.182<br>20.2  | 0.455<br>40.4  | 4.54  | 10.1  |
| Methyl Ethyl Ketone      | BCM       | Ave           | ++++<br>150323 | ++++<br>174709  | 4627<br>426829           | 39573  | 93242  | ++++<br>15.5            | ++++<br>20.7   | 0.466<br>41.4  | 4.65  | 10.3  |
| Ethyl acetate            | BCM       | Ave           | ++++<br>29704  | ++++<br>34198   | ++++<br>81908            | 7828   | 17686  | ++++<br>15.2            | ++++<br>20.3   | ++++<br>40.5   | 4.55  | 10.1  |
| Tetrahydrofuran          | DFBZ      | Ave           | ++++<br>275680 | ++++<br>325375  | ++++<br>769924           | 73029  | 174069 | ++++<br>15.0            | ++++<br>20.0   | ++++<br>40.0   | 4.49  | 9.99  |

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

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-56158-1 Analy Batch No.: 160312

SDG No.: \_\_\_\_\_

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

Calibration Start Date: 10/22/2020 17:37 Calibration End Date: 10/23/2020 01:45 Calibration ID: 44349

| ANALYTE                   | IS REF     | CURVE TYPE | RESPONSE        |                  |                  |        |         | CONCENTRATION (PPB V/V) |                |                |       |       |
|---------------------------|------------|------------|-----------------|------------------|------------------|--------|---------|-------------------------|----------------|----------------|-------|-------|
|                           |            |            | LVL 1<br>LVL 6  | LVL 2<br>LVL 7   | LVL 3<br>LVL 8   | LVL 4  | LVL 5   | LVL 1<br>LVL 6          | LVL 2<br>LVL 7 | LVL 3<br>LVL 8 | LVL 4 | LVL 5 |
| Chloroform                | BCM        | Ave        | ++++<br>830849  | 11485<br>994243  | 24699<br>2356368 | 227191 | 518013  | ++++<br>15.2            | 0.182<br>20.2  | 0.455<br>40.4  | 4.54  | 10.1  |
| 1,1,1-Trichloroethane     | DFBZ       | Ave        | ++++<br>994935  | 13718<br>1202623 | 29385<br>2771387 | 274367 | 624966  | ++++<br>15.3            | 0.184<br>20.4  | 0.459<br>40.8  | 4.58  | 10.2  |
| Cyclohexane               | DFBZ       | Ave        | ++++<br>487906  | 6803<br>566520   | 14594<br>1330030 | 131065 | 301959  | ++++<br>15.2            | 0.183<br>20.3  | 0.457<br>40.6  | 4.56  | 10.1  |
| Carbon tetrachloride      | DFBZ       | Ave        | 2674<br>1146439 | 14182<br>1397856 | 32305<br>3260517 | 313842 | 723365  | 0.0356<br>15.2          | 0.183<br>20.3  | 0.458<br>40.6  | 4.57  | 10.2  |
| Benzene                   | DFBZ       | Ave        | ++++<br>1257687 | 16704<br>1468263 | 36679<br>3543278 | 331809 | 778487  | ++++<br>15.5            | 0.186<br>20.7  | 0.465<br>41.3  | 4.64  | 10.3  |
| 2,2,4-Trimethylpentane    | DFBZ       | Ave        | ++++<br>1737189 | 24602<br>2031584 | 52627<br>4833852 | 465142 | 1075213 | ++++<br>15.7            | 0.189<br>20.9  | 0.472<br>41.9  | 4.70  | 10.5  |
| 1,2-Dichloroethane        | DFBZ       | Ave        | ++++<br>606015  | 7513<br>735298   | 18320<br>1726672 | 166380 | 382582  | ++++<br>15.5            | 0.187<br>20.7  | 0.467<br>41.4  | 4.66  | 10.4  |
| n-Heptane                 | DFBZ       | Ave        | ++++<br>630351  | 7872<br>752040   | 20010<br>1759296 | 168784 | 394295  | ++++<br>15.8            | 0.190<br>21.0  | 0.473<br>42.0  | 4.72  | 10.5  |
| n-Butanol                 | DFBZ       | Ave        | ++++<br>289186  | 3302<br>330732   | 10667<br>803735  | 81548  | 185219  | ++++<br>14.3            | 0.172<br>19.1  | 0.430<br>38.2  | 4.29  | 9.55  |
| Trichloroethene           | DFBZ       | Ave        | 2666<br>759202  | 9379<br>893745   | 23609<br>2100654 | 210556 | 476448  | 0.0369<br>15.8          | 0.190<br>21.1  | 0.474<br>42.1  | 4.73  | 10.5  |
| 1,2-Dichloropropane       | DFBZ       | Ave        | ++++<br>560185  | 7361<br>657529   | 16668<br>1581975 | 149235 | 348383  | ++++<br>15.5            | 0.186<br>20.6  | 0.464<br>41.2  | 4.63  | 10.3  |
| Methyl methacrylate       | DFBZ       | Ave        | ++++<br>586963  | ++++<br>674571   | 17161<br>1587995 | 156486 | 360415  | ++++<br>15.2            | ++++<br>20.3   | 0.458<br>40.6  | 4.57  | 10.2  |
| Dibromomethane            | DFBZ       | Ave        | ++++<br>1061370 | 13516<br>1274159 | 32467<br>2890256 | 293855 | 667372  | ++++<br>15.5            | 0.186<br>20.6  | 0.464<br>41.2  | 4.63  | 10.3  |
| 1,4-Dioxane               | DFBZ       | Ave        | ++++<br>340951  | ++++<br>383425   | ++++<br>878640   | 97574  | 226062  | ++++<br>15.9            | ++++<br>21.2   | ++++<br>42.3   | 4.75  | 10.6  |
| Bromodichloromethane      | DFBZ       | Ave        | ++++<br>1324576 | 17166<br>1603418 | 39911<br>3774915 | 361553 | 832403  | ++++<br>15.9            | 0.191<br>21.1  | 0.476<br>42.3  | 4.75  | 10.6  |
| cis-1,3-Dichloropropene   | DFBZ       | Ave        | ++++<br>1180179 | 14858<br>1413614 | 33223<br>3380350 | 311892 | 733718  | ++++<br>15.6            | 0.187<br>20.8  | 0.468<br>41.6  | 4.67  | 10.4  |
| methyl isobutyl ketone    | DFBZ       | Ave        | ++++<br>1261475 | ++++<br>1514168  | 33797<br>3560672 | 329363 | 784396  | ++++<br>15.4            | ++++<br>20.5   | 0.461<br>41.0  | 4.60  | 10.2  |
| Toluene                   | CBNZd<br>5 | Ave        | ++++<br>1401890 | 17615<br>1675236 | 39709<br>3909233 | 377963 | 882877  | ++++<br>15.2            | 0.183<br>20.3  | 0.458<br>40.6  | 4.57  | 10.2  |
| n-Octane                  | DFBZ       | Ave        | ++++<br>1294993 | 17314<br>1554960 | 39872<br>3526828 | 349411 | 808869  | ++++<br>15.5            | 0.186<br>20.7  | 0.465<br>41.3  | 4.64  | 10.3  |
| trans-1,3-Dichloropropene | DFBZ       | Ave        | ++++<br>1065839 | 12284<br>1297073 | 28583<br>3045204 | 281083 | 652857  | ++++<br>14.8            | 0.178<br>19.8  | 0.445<br>39.5  | 4.44  | 9.88  |

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

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-56158-1 Analy Batch No.: 160312

SDG No.: \_\_\_\_\_

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

Calibration Start Date: 10/22/2020 17:37 Calibration End Date: 10/23/2020 01:45 Calibration ID: 44349

| ANALYTE                          | IS<br>REF  | CURVE<br>TYPE | RESPONSE       |                |                |         |         | CONCENTRATION (PPB V/V) |                |                |       |       |
|----------------------------------|------------|---------------|----------------|----------------|----------------|---------|---------|-------------------------|----------------|----------------|-------|-------|
|                                  |            |               | LVL 1<br>LVL 6 | LVL 2<br>LVL 7 | LVL 3<br>LVL 8 | LVL 4   | LVL 5   | LVL 1<br>LVL 6          | LVL 2<br>LVL 7 | LVL 3<br>LVL 8 | LVL 4 | LVL 5 |
| 1,1,2-Trichloroethane            | CBNZd<br>5 | Ave           | +++++          | 9302           | 18979          | 181768  | 421006  | +++++                   | 0.189          | 0.472          | 4.71  | 10.5  |
|                                  |            |               | 672401         | 797551         | 1880192        |         |         | 15.7                    | 21.0           | 41.9           |       |       |
| Tetrachloroethene                | CBNZd<br>5 | Ave           | 4418           | 20629          | 45108          | 414001  | 943081  | 0.0368                  | 0.189          | 0.473          | 4.72  | 10.5  |
|                                  |            |               | 1473611        | 1828752        | 4139000        |         |         | 15.8                    | 21.0           | 42.0           |       |       |
| Methyl Butyl Ketone (2-Hexanone) | CBNZd<br>5 | Ave           | +++++          | +++++          | 32786          | 320697  | 767640  | +++++                   | +++++          | 0.450          | 4.49  | 9.99  |
|                                  |            |               | 1235627        | 1494514        | 3549349        |         |         | 15.0                    | 20.0           | 40.0           |       |       |
| Dibromochloromethane             | CBNZd<br>5 | Ave           | +++++          | 19097          | 46354          | 439381  | 1027847 | +++++                   | 0.175          | 0.436          | 4.35  | 9.68  |
|                                  |            |               | 1619152        | 2009048        | 4548916        |         |         | 14.5                    | 19.4           | 38.7           |       |       |
| 1,2-Dibromoethane                | CBNZd<br>5 | Ave           | +++++          | 15671          | 37631          | 372866  | 852047  | +++++                   | 0.191          | 0.478          | 4.77  | 10.6  |
|                                  |            |               | 1361510        | 1648815        | 3830697        |         |         | 15.9                    | 21.2           | 42.4           |       |       |
| Chlorobenzene                    | CBNZd<br>5 | Ave           | +++++          | 27124          | 59884          | 555789  | 1275761 | +++++                   | 0.189          | 0.472          | 4.71  | 10.5  |
|                                  |            |               | 2025455        | 2464669        | 5711463        |         |         | 15.7                    | 21.0           | 42.0           |       |       |
| Ethylbenzene                     | CBNZd<br>5 | Ave           | +++++          | 40676          | 91839          | 862811  | 2008142 | +++++                   | 0.184          | 0.460          | 4.59  | 10.2  |
|                                  |            |               | 3202263        | 3873272        | 8995211        |         |         | 15.3                    | 20.4           | 40.9           |       |       |
| n-Nonane                         | CBNZd<br>5 | Ave           | +++++          | 18217          | 38677          | 373687  | 854502  | +++++                   | 0.189          | 0.472          | 4.71  | 10.5  |
|                                  |            |               | 1352878        | 1624975        | 3585669        |         |         | 15.7                    | 21.0           | 41.9           |       |       |
| m,p-Xylene                       | CBNZd<br>5 | Ave           | +++++          | 31988          | 75652          | 692172  | 1562882 | +++++                   | 0.371          | 0.926          | 9.24  | 20.6  |
|                                  |            |               | 2445614        | 2972436        | 6605292        |         |         | 30.8                    | 41.1           | 82.2           |       |       |
| Xylene, o-                       | CBNZd<br>5 | Ave           | +++++          | 16253          | 37353          | 336215  | 785893  | +++++                   | 0.187          | 0.467          | 4.66  | 10.4  |
|                                  |            |               | 1242810        | 1511757        | 3424942        |         |         | 15.5                    | 20.7           | 41.4           |       |       |
| Styrene                          | CBNZd<br>5 | Ave           | +++++          | 24207          | 54204          | 565845  | 1308476 | +++++                   | 0.186          | 0.465          | 4.64  | 10.3  |
|                                  |            |               | 2080704        | 2526917        | 5722413        |         |         | 15.5                    | 20.6           | 41.3           |       |       |
| Bromoform                        | CBNZd<br>5 | Ave           | +++++          | 17594          | 45023          | 467672  | 1126689 | +++++                   | 0.186          | 0.463          | 4.62  | 10.3  |
|                                  |            |               | 1746750        | 2201316        | 4848320        |         |         | 15.4                    | 20.6           | 41.2           |       |       |
| Cumene                           | CBNZd<br>5 | Ave           | +++++          | 49269          | 110027         | 1046418 | 2434164 | +++++                   | 0.188          | 0.470          | 4.69  | 10.4  |
|                                  |            |               | 3833542        | 4722178        | 10725023       |         |         | 15.6                    | 20.9           | 41.7           |       |       |
| 1,1,2,2-Tetrachloroethane        | CBNZd<br>5 | Ave           | +++++          | 21498          | 48884          | 480923  | 1123761 | +++++                   | 0.187          | 0.466          | 4.65  | 10.3  |
|                                  |            |               | 1788272        | 2187644        | 4973929        |         |         | 15.5                    | 20.7           | 41.4           |       |       |

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

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-56158-1 Analy Batch No.: 160312

SDG No.: \_\_\_\_\_

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

Calibration Start Date: 10/22/2020 17:37 Calibration End Date: 10/23/2020 01:45 Calibration ID: 44349

| ANALYTE                | IS REF     | CURVE TYPE | RESPONSE        |                  |                    |         |         | CONCENTRATION (PPB V/V) |                |                |       |       |
|------------------------|------------|------------|-----------------|------------------|--------------------|---------|---------|-------------------------|----------------|----------------|-------|-------|
|                        |            |            | LVL 1<br>LVL 6  | LVL 2<br>LVL 7   | LVL 3<br>LVL 8     | LVL 4   | LVL 5   | LVL 1<br>LVL 6          | LVL 2<br>LVL 7 | LVL 3<br>LVL 8 | LVL 4 | LVL 5 |
| 1,2,3-Trichloropropane | CBNZd<br>5 | Ave        | ++++<br>1423740 | ++++<br>1750978  | 40804<br>3913707   | 389017  | 906713  | ++++<br>15.9            | ++++<br>21.2   | 0.477<br>42.4  | 4.76  | 10.6  |
| n-Propylbenzene        | CBNZd<br>5 | Ave        | ++++<br>4410183 | 54337<br>5405643 | 124683<br>12016755 | 1208148 | 2784874 | ++++<br>15.6            | 0.188<br>20.8  | 0.468<br>41.6  | 4.67  | 10.4  |
| 2-Chlorotoluene        | CBNZd<br>5 | Ave        | ++++<br>3056708 | 38543<br>3784231 | 85952<br>8418292   | 841296  | 1943948 | ++++<br>15.7            | 0.188<br>20.9  | 0.470<br>41.8  | 4.69  | 10.4  |
| 4-Ethyltoluene         | CBNZd<br>5 | Ave        | ++++<br>3816759 | 44121<br>4713803 | 111533<br>10407156 | 1055415 | 2425381 | ++++<br>15.5            | 0.186<br>20.7  | 0.465<br>41.3  | 4.64  | 10.3  |
| n-Decane               | CBNZd<br>5 | Ave        | ++++<br>1794221 | ++++<br>2168891  | 50877<br>4838120   | 495411  | 1143163 | ++++<br>15.6            | ++++<br>20.8   | 0.469<br>41.7  | 4.68  | 10.4  |
| 1,3,5-Trimethylbenzene | CBNZd<br>5 | Ave        | ++++<br>3152138 | 38521<br>3931357 | 90145<br>8841758   | 873818  | 2024318 | ++++<br>15.6            | 0.187<br>20.8  | 0.468<br>41.6  | 4.67  | 10.4  |
| Alpha Methyl Styrene   | CBNZd<br>5 | Ave        | ++++<br>1738765 | 19819<br>2177862 | 45613<br>4815114   | 471353  | 1108906 | ++++<br>15.3            | 0.184<br>20.4  | 0.459<br>40.8  | 4.58  | 10.2  |
| tert-Butylbenzene      | CBNZd<br>5 | Ave        | ++++<br>3176883 | 37241<br>3973245 | 92656<br>8743351   | 884940  | 2049368 | ++++<br>15.5            | 0.187<br>20.7  | 0.467<br>41.4  | 4.66  | 10.4  |
| 1,2,4-Trimethylbenzene | CBNZd<br>5 | Ave        | ++++<br>3239171 | 39845<br>4057346 | 88492<br>8987039   | 894347  | 2071862 | ++++<br>15.6            | 0.188<br>20.8  | 0.468<br>41.6  | 4.67  | 10.4  |
| sec-Butylbenzene       | CBNZd<br>5 | Ave        | ++++<br>4829502 | 57985<br>6032936 | 132762<br>13084363 | 1338710 | 3111369 | ++++<br>15.7            | 0.189<br>20.9  | 0.471<br>41.8  | 4.70  | 10.5  |
| 4-Isopropyltoluene     | CBNZd<br>5 | Ave        | ++++<br>4111248 | 50653<br>5127068 | 114597<br>10795337 | 1144302 | 2641685 | ++++<br>15.5            | 0.186<br>20.6  | 0.464<br>41.2  | 4.63  | 10.3  |
| 1,3-Dichlorobenzene    | CBNZd<br>5 | Ave        | ++++<br>2388902 | 31116<br>3010521 | 68922<br>6393769   | 679307  | 1548378 | ++++<br>15.9            | 0.191<br>21.2  | 0.477<br>42.3  | 4.75  | 10.6  |
| 1,4-Dichlorobenzene    | CBNZd<br>5 | Ave        | ++++<br>2509508 | 30699<br>3165234 | 68037<br>6948885   | 699998  | 1595502 | ++++<br>15.7            | 0.189<br>20.9  | 0.472<br>41.9  | 4.70  | 10.5  |
| Benzyl chloride        | CBNZd<br>5 | Ave        | ++++<br>2888649 | 31351<br>3736678 | 74459<br>8476939   | 784180  | 1855019 | ++++<br>15.9            | 0.191<br>21.2  | 0.477<br>42.3  | 4.75  | 10.6  |

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

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-56158-1 Analy Batch No.: 160312

SDG No.: \_\_\_\_\_

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

Calibration Start Date: 10/22/2020 17:37 Calibration End Date: 10/23/2020 01:45 Calibration ID: 44349

| ANALYTE                | IS<br>REF  | CURVE<br>TYPE | RESPONSE       |                |                |         |         | CONCENTRATION (PPB V/V) |                |                |       |       |
|------------------------|------------|---------------|----------------|----------------|----------------|---------|---------|-------------------------|----------------|----------------|-------|-------|
|                        |            |               | LVL 1<br>LVL 6 | LVL 2<br>LVL 7 | LVL 3<br>LVL 8 | LVL 4   | LVL 5   | LVL 1<br>LVL 6          | LVL 2<br>LVL 7 | LVL 3<br>LVL 8 | LVL 4 | LVL 5 |
| n-Butylbenzene         | CBNZd<br>5 | Ave           | +++++          | 41219          | 95384          | 1046676 | 2443076 | +++++                   | 0.187          | 0.468          | 4.67  | 10.4  |
|                        |            |               | 3817643        | 4821579        | 10451028       |         |         | 15.6                    | 20.8           | 41.6           |       |       |
| n-Undecane             | CBNZd<br>5 | Ave           | +++++          | +++++          | +++++          | 567609  | 1313146 | +++++                   | +++++          | +++++          | 4.70  | 10.5  |
|                        |            |               | 1997388        | 2473881        | 5127842        |         |         | 15.7                    | 20.9           | 41.8           |       |       |
| 1,2-Dichlorobenzene    | CBNZd<br>5 | Ave           | +++++          | 29787          | 65710          | 648861  | 1482612 | +++++                   | 0.188          | 0.470          | 4.69  | 10.4  |
|                        |            |               | 2285701        | 2911287        | 6156119        |         |         | 15.7                    | 20.9           | 41.8           |       |       |
| n-Dodecane             | CBNZd<br>5 | Ave           | +++++          | +++++          | +++++          | 412662  | 1056002 | +++++                   | +++++          | +++++          | 4.21  | 9.36  |
|                        |            |               | 1677967        | 2161592        | 4130867        |         |         | 14.0                    | 18.7           | 37.4           |       |       |
| 1,2,4-Trichlorobenzene | CBNZd<br>5 | Ave           | +++++          | +++++          | 22113          | 537386  | 1374670 | +++++                   | +++++          | 0.489          | 4.88  | 10.9  |
|                        |            |               | 2222242        | 2994560        | 6325540        |         |         | 16.3                    | 21.7           | 43.4           |       |       |
| Hexachlorobutadiene    | CBNZd<br>5 | Ave           | +++++          | 25909          | 62492          | 689698  | 1585491 | +++++                   | 0.185          | 0.462          | 4.61  | 10.3  |
|                        |            |               | 2392036        | 3094967        | 6106410        |         |         | 15.4                    | 20.5           | 41.0           |       |       |
| Naphthalene            | CBNZd<br>5 | Ave           | +++++          | +++++          | 23711          | 845477  | 2346447 | +++++                   | +++++          | 0.438          | 4.37  | 9.72  |
|                        |            |               | 3831426        | 5260907        | 11108133       |         |         | 14.6                    | 19.4           | 38.9           |       |       |
| 1,2,3-Trichlorobenzene | CBNZd<br>5 | Ave           | +++++          | 3829           | 6860           | 339966  | 935091  | +++++                   | 0.165          | 0.411          | 4.10  | 9.12  |
|                        |            |               | 1559248        | 2171608        | 4469959        |         |         | 13.7                    | 18.2           | 36.5           |       |       |

Curve Type Legend:

Ave = Average ISTD

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

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-56177-1 Analy Batch No.: 160253

SDG No.: \_\_\_\_\_

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

Calibration Start Date: 10/21/2020 16:49 Calibration End Date: 10/22/2020 00:48 Calibration ID: 44344

Calibration Files:

|         |                   |              |
|---------|-------------------|--------------|
| LEVEL:  | LAB SAMPLE ID:    | LAB FILE ID: |
| Level 1 | IC 200-160253/4   | 43321-04.D   |
| Level 2 | IC 200-160253/5   | 43321-05.D   |
| Level 3 | IC 200-160253/6   | 43321-06.D   |
| Level 4 | IC 200-160253/7   | 43321-07.D   |
| Level 5 | ICIS 200-160253/8 | 43321-08.D   |
| Level 6 | IC 200-160253/9   | 43321-09.D   |
| Level 7 | IC 200-160253/12  | 43321-12.D   |
| Level 8 | IC 200-160253/13  | 43321-13.D   |

| ANALYTE                       | RRF              |                  |                          |        |        | CURVE TYPE | COEFFICIENT |        |    | # | MIN RRF | %RSD | # | MAX %RSD | R^2 OR COD | # | MIN R^2 OR COD |
|-------------------------------|------------------|------------------|--------------------------|--------|--------|------------|-------------|--------|----|---|---------|------|---|----------|------------|---|----------------|
|                               | LVL 1<br>LVL 6   | LVL 2<br>LVL 7   | LVL 3<br>LVL 8           | LVL 4  | LVL 5  |            | B           | M1     | M2 |   |         |      |   |          |            |   |                |
| Propylene                     | ++++<br>0.6179   | ++++<br>0.6378   | ++++<br>0.6166           | 0.6816 | 0.6214 | Ave        |             | 0.6351 |    |   |         | 4.3  |   | 30.0     |            |   |                |
| Dichlorodifluoromethane       | ++++<br>2.2704   | ++++<br>2.3699   | ++++<br>2.6430<br>2.3264 | 2.5808 | 2.2996 | Ave        |             | 2.4150 |    |   |         | 6.5  |   | 30.0     |            |   |                |
| Freon 22                      | ++++<br>1.3120   | ++++<br>1.3555   | 1.5022<br>1.3112         | 1.4609 | 1.3290 | Ave        |             | 1.3785 |    |   |         | 6.0  |   | 30.0     |            |   |                |
| 1,2-Dichlorotetrafluoroethane | ++++<br>2.5605   | 3.0820<br>2.6473 | 2.9145<br>2.6008         | 2.8620 | 2.5946 | Ave        |             | 2.7517 |    |   |         | 7.3  |   | 30.0     |            |   |                |
| Chloromethane                 | ++++<br>0.7217   | ++++<br>0.7344   | 0.8843<br>0.7115         | 0.8147 | 0.7335 | Ave        |             | 0.7667 |    |   |         | 8.9  |   | 30.0     |            |   |                |
| n-Butane                      | ++++<br>1.9626   | ++++<br>1.9203   | 2.5705<br>1.8613         | 2.2606 | 2.0107 | Ave        |             | 2.0977 |    |   |         | 12.9 |   | 30.0     |            |   |                |
| Vinyl chloride                | 2.2688<br>1.3578 | 1.7758<br>1.3123 | 1.6607<br>1.2841         | 1.5556 | 1.3863 | Ave        |             | 1.5752 |    |   |         | 21.0 |   | 30.0     |            |   |                |
| 1,3-Butadiene                 | 2.1598<br>1.0189 | 1.4850<br>0.9662 | 1.2866<br>1.0302         | 1.2102 | 1.1020 | Ave        |             | 1.2823 |    |   |         | 30.7 | * | 30.0     |            |   |                |
| Bromomethane                  | ++++<br>1.2048   | 1.3847<br>1.1545 | 1.3199<br>1.1130         | 1.2824 | 1.1653 | Ave        |             | 1.2321 |    |   |         | 8.0  |   | 30.0     |            |   |                |
| Chloroethane                  | ++++<br>0.6346   | 0.7984<br>0.6802 | 0.7850<br>0.6401         | 0.7141 | 0.6553 | Ave        |             | 0.7011 |    |   |         | 9.6  |   | 30.0     |            |   |                |
| Isopentane                    | ++++<br>1.4557   | 1.8418<br>1.5686 | 1.7692<br>1.4653         | 1.6818 | 1.5446 | Ave        |             | 1.6181 |    |   |         | 9.3  |   | 30.0     |            |   |                |
| Bromoethene (Vinyl Bromide)   | ++++<br>1.2928   | 1.6452<br>1.3289 | 1.5777<br>1.1050         | 1.5174 | 1.3406 | Ave        |             | 1.4011 |    |   |         | 13.4 |   | 30.0     |            |   |                |
| Trichlorofluoromethane        | ++++<br>2.8879   | 3.3301<br>3.0657 | 3.1609<br>2.8458         | 3.1991 | 2.8417 | Ave        |             | 3.0473 |    |   |         | 6.3  |   | 30.0     |            |   |                |
| n-Pentane                     | ++++<br>2.0629   | 2.4865<br>2.1771 | 2.3430<br>2.0852         | 2.3145 | 2.0941 | Ave        |             | 2.2233 |    |   |         | 7.2  |   | 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 TestAmerica, Burlington Job No.: 200-56177-1 Analy Batch No.: 160253

SDG No.: \_\_\_\_\_

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

Calibration Start Date: 10/21/2020 16:49 Calibration End Date: 10/22/2020 00:48 Calibration ID: 44344

| ANALYTE                  | RRF              |                  |                  |        |        | CURVE<br>TYPE | COEFFICIENT |        |    | # | MIN RRF | %RSD | # | MAX<br>%RSD | R^2<br>OR COD | # | MIN R^2<br>OR COD |
|--------------------------|------------------|------------------|------------------|--------|--------|---------------|-------------|--------|----|---|---------|------|---|-------------|---------------|---|-------------------|
|                          | LVL 1<br>LVL 6   | LVL 2<br>LVL 7   | LVL 3<br>LVL 8   | LVL 4  | LVL 5  |               | B           | M1     | M2 |   |         |      |   |             |               |   |                   |
| Ethanol                  | ++++<br>0.6430   | ++++<br>0.6269   | 0.8779<br>0.5426 | 0.8145 | 0.6440 | Ave           |             | 0.6915 |    |   |         | 18.4 |   | 30.0        |               |   |                   |
| Ethyl ether              | ++++<br>0.8902   | 1.1326<br>0.9198 | 1.0202<br>0.8604 | 0.9874 | 0.9223 | Ave           |             | 0.9618 |    |   |         | 9.7  |   | 30.0        |               |   |                   |
| Acrolein                 | ++++<br>0.4991   | ++++<br>0.5270   | ++++<br>0.4965   | 0.5763 | 0.5243 | Ave           |             | 0.5246 |    |   |         | 6.1  |   | 30.0        |               |   |                   |
| 1,1-Dichloroethene       | 2.2332<br>1.2480 | 1.4622<br>1.2955 | 1.4049<br>1.2552 | 1.3914 | 1.2619 | Ave           |             | 1.4440 |    |   |         | 22.8 |   | 30.0        |               |   |                   |
| Freon TF                 | ++++<br>2.6251   | 3.1108<br>2.7224 | 2.8944<br>2.6095 | 2.9370 | 2.6525 | Ave           |             | 2.7931 |    |   |         | 6.8  |   | 30.0        |               |   |                   |
| Acetone                  | ++++<br>1.9732   | ++++<br>2.0301   | ++++<br>1.8923   | 2.3163 | 2.0770 | Ave           |             | 2.0578 |    |   |         | 7.8  |   | 30.0        |               |   |                   |
| Isopropyl alcohol        | ++++<br>2.2547   | ++++<br>2.3165   | ++++<br>2.1364   | 2.7148 | 2.3769 | Ave           |             | 2.3598 |    |   |         | 9.2  |   | 30.0        |               |   |                   |
| Carbon disulfide         | ++++<br>3.6132   | ++++<br>3.7244   | 4.0405<br>3.5192 | 4.1204 | 3.7283 | Ave           |             | 3.7910 |    |   |         | 6.3  |   | 30.0        |               |   |                   |
| Acetonitrile             | ++++<br>0.9122   | ++++<br>0.9477   | 1.1139<br>0.8896 | 1.0615 | 0.9448 | Ave           |             | 0.9783 |    |   |         | 9.1  |   | 30.0        |               |   |                   |
| 3-Chloropropene          | ++++<br>1.7157   | 2.0520<br>1.7725 | 1.9662<br>1.6253 | 1.9704 | 1.7521 | Ave           |             | 1.8363 |    |   |         | 8.7  |   | 30.0        |               |   |                   |
| Methylene Chloride       | ++++<br>1.5626   | ++++<br>1.5999   | 1.9481<br>1.4859 | 1.8380 | 1.6151 | Ave           |             | 1.6749 |    |   |         | 10.6 |   | 30.0        |               |   |                   |
| tert-Butyl alcohol       | ++++<br>2.6607   | ++++<br>2.7241   | 3.1020<br>2.5204 | 3.1926 | 2.8012 | Ave           |             | 2.8335 |    |   |         | 9.2  |   | 30.0        |               |   |                   |
| Acrylonitrile            | ++++<br>0.9679   | ++++<br>1.0056   | 1.2152<br>0.9484 | 1.1267 | 0.9949 | Ave           |             | 1.0431 |    |   |         | 10.0 |   | 30.0        |               |   |                   |
| Methyl tert-butyl ether  | ++++<br>3.9090   | 4.8555<br>4.0241 | 4.5386<br>3.7442 | 4.5577 | 4.0488 | Ave           |             | 4.2397 |    |   |         | 9.7  |   | 30.0        |               |   |                   |
| trans-1,2-Dichloroethene | 3.2927<br>2.0506 | 2.5219<br>2.1104 | 2.4041<br>1.9531 | 2.3796 | 2.1247 | Ave           |             | 2.3547 |    |   |         | 18.1 |   | 30.0        |               |   |                   |
| n-Hexane                 | ++++<br>2.1547   | 2.8015<br>2.2183 | 2.5303<br>2.0657 | 2.5040 | 2.2169 | Ave           |             | 2.3559 |    |   |         | 11.1 |   | 30.0        |               |   |                   |
| Vinyl acetate            | ++++<br>3.4681   | ++++<br>3.5802   | ++++<br>3.2880   | 4.0455 | 3.6172 | Ave           |             | 3.5998 |    |   |         | 7.8  |   | 30.0        |               |   |                   |
| 1,1-Dichloroethane       | 4.3816<br>2.5650 | 3.2144<br>2.6432 | 3.0757<br>2.4430 | 3.0381 | 2.6820 | Ave           |             | 3.0054 |    |   |         | 20.6 |   | 30.0        |               |   |                   |
| Methyl Ethyl Ketone      | 1.4375<br>0.7169 | 0.9745<br>0.7378 | 0.9807<br>0.6976 | 0.8351 | 0.7581 | Ave           |             | 0.8923 |    |   |         | 27.6 |   | 30.0        |               |   |                   |
| cis-1,2-Dichloroethene   | 2.5461<br>1.4577 | 1.8494<br>1.4964 | 1.7253<br>1.4060 | 1.6854 | 1.4969 | Ave           |             | 1.7079 |    |   |         | 21.8 |   | 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 TestAmerica, Burlington Job No.: 200-56177-1 Analy Batch No.: 160253

SDG No.: \_\_\_\_\_

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

Calibration Start Date: 10/21/2020 16:49 Calibration End Date: 10/22/2020 00:48 Calibration ID: 44344

| ANALYTE                 | RRF              |                  |                  |        |        | CURVE<br>TYPE | COEFFICIENT |        |    | # | MIN RRF | %RSD | # | MAX<br>%RSD | R^2<br>OR COD | # | MIN R^2<br>OR COD |
|-------------------------|------------------|------------------|------------------|--------|--------|---------------|-------------|--------|----|---|---------|------|---|-------------|---------------|---|-------------------|
|                         | LVL 1<br>LVL 6   | LVL 2<br>LVL 7   | LVL 3<br>LVL 8   | LVL 4  | LVL 5  |               | B           | M1     | M2 |   |         |      |   |             |               |   |                   |
| Ethyl acetate           | ++++<br>0.1257   | ++++<br>0.1284   | ++++<br>0.1224   | 0.1466 | 0.1275 | Ave           |             | 0.1301 |    |   |         | 7.3  |   | 30.0        |               |   |                   |
| Tetrahydrofuran         | ++++<br>0.3456   | ++++<br>0.3584   | ++++<br>0.3635   | 0.3924 | 0.3542 | Ave           |             | 0.3628 |    |   |         | 4.9  |   | 30.0        |               |   |                   |
| Chloroform              | ++++<br>2.8896   | 3.6897<br>2.9640 | 3.4580<br>2.7750 | 3.3637 | 2.9843 | Ave           |             | 3.1606 |    |   |         | 10.8 |   | 30.0        |               |   |                   |
| 1,1,1-Trichloroethane   | ++++<br>0.6046   | 0.6828<br>0.6310 | 0.6528<br>0.6528 | 0.6632 | 0.6074 | Ave           |             | 0.6421 |    |   |         | 4.5  |   | 30.0        |               |   |                   |
| Cyclohexane             | ++++<br>0.4029   | 0.4641<br>0.4177 | 0.4471<br>0.4307 | 0.4424 | 0.4038 | Ave           |             | 0.4298 |    |   |         | 5.4  |   | 30.0        |               |   |                   |
| Carbon tetrachloride    | 0.8883<br>0.6354 | 0.6936<br>0.6634 | 0.6602<br>0.6887 | 0.6868 | 0.6340 | Ave           |             | 0.6938 |    |   |         | 11.8 |   | 30.0        |               |   |                   |
| Benzene                 | ++++<br>0.9088   | 1.0855<br>0.9456 | 1.0358<br>0.9642 | 1.0197 | 0.9218 | Ave           |             | 0.9831 |    |   |         | 6.7  |   | 30.0        |               |   |                   |
| 1,2-Dichloroethane      | ++++<br>0.3854   | 0.4677<br>0.4013 | 0.4414<br>0.4081 | 0.4385 | 0.3918 | Ave           |             | 0.4192 |    |   |         | 7.3  |   | 30.0        |               |   |                   |
| 2,2,4-Trimethylpentane  | ++++<br>1.4843   | 1.7259<br>1.5347 | 1.6483<br>1.5358 | 1.6714 | 1.5086 | Ave           |             | 1.5870 |    |   |         | 5.9  |   | 30.0        |               |   |                   |
| n-Heptane               | ++++<br>0.5487   | 0.6298<br>0.5708 | 0.6011<br>0.5726 | 0.6156 | 0.5591 | Ave           |             | 0.5854 |    |   |         | 5.2  |   | 30.0        |               |   |                   |
| n-Butanol               | ++++<br>0.2151   | ++++<br>0.2237   | 0.3031<br>0.2365 | 0.2357 | 0.2150 | Ave           |             | 0.2382 |    |   |         | 13.9 |   | 30.0        |               |   |                   |
| Trichloroethene         | 0.6502<br>0.4004 | 0.4714<br>0.4160 | 0.4346<br>0.4296 | 0.4395 | 0.4031 | Ave           |             | 0.4556 |    |   |         | 18.0 |   | 30.0        |               |   |                   |
| 1,2-Dichloropropane     | ++++<br>0.3575   | 0.4212<br>0.3709 | 0.3855<br>0.3778 | 0.3999 | 0.3608 | Ave           |             | 0.3819 |    |   |         | 5.9  |   | 30.0        |               |   |                   |
| Methyl methacrylate     | ++++<br>0.3413   | ++++<br>0.3582   | 0.3560<br>0.3722 | 0.3731 | 0.3445 | Ave           |             | 0.3576 |    |   |         | 3.7  |   | 30.0        |               |   |                   |
| 1,4-Dioxane             | ++++<br>0.1769   | ++++<br>0.1824   | ++++<br>0.1852   | 0.2090 | 0.1851 | Ave           |             | 0.1877 |    |   |         | 6.6  |   | 30.0        |               |   |                   |
| Dibromomethane          | ++++<br>0.4081   | 0.4590<br>0.4242 | 0.4385<br>0.4392 | 0.4454 | 0.4107 | Ave           |             | 0.4322 |    |   |         | 4.3  |   | 30.0        |               |   |                   |
| Bromodichloromethane    | ++++<br>0.6228   | 0.6764<br>0.6516 | 0.6434<br>0.6708 | 0.6793 | 0.6303 | Ave           |             | 0.6535 |    |   |         | 3.5  |   | 30.0        |               |   |                   |
| cis-1,3-Dichloropropene | ++++<br>0.5665   | 0.5841<br>0.5915 | 0.5577<br>0.6173 | 0.6099 | 0.5670 | Ave           |             | 0.5849 |    |   |         | 3.9  |   | 30.0        |               |   |                   |
| methyl isobutyl ketone  | ++++<br>0.7485   | ++++<br>0.7757   | 0.8357<br>0.7932 | 0.8410 | 0.7703 | Ave           |             | 0.7941 |    |   |         | 4.7  |   | 30.0        |               |   |                   |
| Toluene                 | ++++<br>0.7813   | 0.9416<br>0.8095 | 0.8775<br>0.8133 | 0.8774 | 0.7855 | Ave           |             | 0.8409 |    |   |         | 7.1  |   | 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 TestAmerica, Burlington Job No.: 200-56177-1 Analy Batch No.: 160253

SDG No.: \_\_\_\_\_

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

Calibration Start Date: 10/21/2020 16:49 Calibration End Date: 10/22/2020 00:48 Calibration ID: 44344

| ANALYTE                          | RRF              |                  |                  |        |        | CURVE<br>TYPE | COEFFICIENT |        |    | # | MIN RRF | %RSD | # | MAX<br>%RSD | R^2<br>OR COD | # | MIN R^2<br>OR COD |
|----------------------------------|------------------|------------------|------------------|--------|--------|---------------|-------------|--------|----|---|---------|------|---|-------------|---------------|---|-------------------|
|                                  | LVL 1<br>LVL 6   | LVL 2<br>LVL 7   | LVL 3<br>LVL 8   | LVL 4  | LVL 5  |               | B           | M1     | M2 |   |         |      |   |             |               |   |                   |
| n-Octane                         | ++++<br>0.7787   | 0.8485<br>0.8089 | 0.8164<br>0.8058 | 0.8827 | 0.7978 | Ave           |             | 0.8198 |    |   |         | 4.2  |   | 30.0        |               |   |                   |
| trans-1,3-Dichloropropene        | ++++<br>0.4953   | 0.4799<br>0.5241 | 0.4685<br>0.5534 | 0.5252 | 0.5004 | Ave           |             | 0.5067 |    |   |         | 5.8  |   | 30.0        |               |   |                   |
| 1,1,2-Trichloroethane            | ++++<br>0.3793   | 0.4631<br>0.3940 | 0.4349<br>0.3979 | 0.4279 | 0.3823 | Ave           |             | 0.4113 |    |   |         | 7.6  |   | 30.0        |               |   |                   |
| Tetrachloroethene                | 1.0966<br>0.6479 | 0.8630<br>0.6776 | 0.7457<br>0.6834 | 0.7317 | 0.6427 | Ave           |             | 0.7611 |    |   |         | 20.1 |   | 30.0        |               |   |                   |
| Methyl Butyl Ketone (2-Hexanone) | ++++<br>0.8122   | ++++<br>0.8501   | 1.0194<br>0.8715 | 0.8777 | 0.8157 | Ave           |             | 0.8744 |    |   |         | 8.7  |   | 30.0        |               |   |                   |
| Dibromochloromethane             | ++++<br>0.7995   | 0.7844<br>0.8357 | 0.7777<br>0.8522 | 0.8435 | 0.7940 | Ave           |             | 0.8124 |    |   |         | 3.8  |   | 30.0        |               |   |                   |
| 1,2-Dibromoethane                | ++++<br>0.6228   | 0.6715<br>0.6546 | 0.6466<br>0.6730 | 0.6812 | 0.6295 | Ave           |             | 0.6542 |    |   |         | 3.4  |   | 30.0        |               |   |                   |
| Chlorobenzene                    | ++++<br>0.9807   | 1.1589<br>1.0260 | 1.0785<br>1.0410 | 1.0951 | 0.9927 | Ave           |             | 1.0533 |    |   |         | 5.9  |   | 30.0        |               |   |                   |
| Ethylbenzene                     | ++++<br>1.7046   | 1.9818<br>1.7657 | 1.8793<br>1.7567 | 1.8974 | 1.7085 | Ave           |             | 1.8134 |    |   |         | 5.9  |   | 30.0        |               |   |                   |
| m,p-Xylene                       | ++++<br>0.6620   | 0.7239<br>0.6873 | 0.7081<br>0.6821 | 0.7291 | 0.6622 | Ave           |             | 0.6935 |    |   |         | 4.0  |   | 30.0        |               |   |                   |
| n-Nonane                         | ++++<br>0.8536   | 0.9967<br>0.8818 | 0.9428<br>0.8551 | 0.9654 | 0.8742 | Ave           |             | 0.9099 |    |   |         | 6.3  |   | 30.0        |               |   |                   |
| Xylene, o-                       | ++++<br>0.6402   | 0.7367<br>0.6655 | 0.6798<br>0.6757 | 0.7120 | 0.6440 | Ave           |             | 0.6791 |    |   |         | 5.2  |   | 30.0        |               |   |                   |
| Styrene                          | ++++<br>0.9749   | 0.9127<br>1.0335 | 0.9115<br>1.0749 | 1.0166 | 0.9683 | Ave           |             | 0.9846 |    |   |         | 6.2  |   | 30.0        |               |   |                   |
| Bromoform                        | ++++<br>0.6523   | 0.5070<br>0.6960 | 0.5478<br>0.7211 | 0.6451 | 0.6522 | Ave           |             | 0.6316 |    |   |         | 12.2 |   | 30.0        |               |   |                   |
| Cumene                           | ++++<br>1.8635   | 2.1349<br>1.9241 | 2.0884<br>1.8697 | 2.1170 | 1.9041 | Ave           |             | 1.9859 |    |   |         | 6.1  |   | 30.0        |               |   |                   |
| 1,1,2,2-Tetrachloroethane        | ++++<br>0.9484   | 1.0894<br>0.9885 | 1.0457<br>0.9899 | 1.0639 | 0.9691 | Ave           |             | 1.0136 |    |   |         | 5.2  |   | 30.0        |               |   |                   |
| 1,2,3-Trichloropropane           | ++++<br>0.7195   | ++++<br>0.7555   | 0.8094<br>0.7694 | 0.7990 | 0.7319 | Ave           |             | 0.7641 |    |   |         | 4.7  |   | 30.0        |               |   |                   |
| n-Propylbenzene                  | ++++<br>2.1658   | 2.3195<br>2.2456 | 2.3255<br>2.0801 | 2.4246 | 2.2226 | Ave           |             | 2.2548 |    |   |         | 5.0  |   | 30.0        |               |   |                   |
| 2-Chlorotoluene                  | ++++<br>1.3585   | 1.5218<br>1.4100 | 1.4657<br>1.4485 | 1.4995 | 1.3780 | Ave           |             | 1.4403 |    |   |         | 4.2  |   | 30.0        |               |   |                   |
| 4-Ethyltoluene                   | ++++<br>1.7650   | 1.7908<br>1.8508 | 1.8134<br>1.7942 | 1.9441 | 1.8035 | Ave           |             | 1.8231 |    |   |         | 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 TestAmerica, Burlington Job No.: 200-56177-1 Analy Batch No.: 160253

SDG No.: \_\_\_\_\_

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

Calibration Start Date: 10/21/2020 16:49 Calibration End Date: 10/22/2020 00:48 Calibration ID: 44344

| ANALYTE                | RRF            |                  |                  |        |        | CURVE<br>TYPE | COEFFICIENT |        |    | # | MIN RRF | %RSD | # | MAX<br>%RSD | R^2<br>OR COD | # | MIN R^2<br>OR COD |
|------------------------|----------------|------------------|------------------|--------|--------|---------------|-------------|--------|----|---|---------|------|---|-------------|---------------|---|-------------------|
|                        | LVL 1<br>LVL 6 | LVL 2<br>LVL 7   | LVL 3<br>LVL 8   | LVL 4  | LVL 5  |               | B           | M1     | M2 |   |         |      |   |             |               |   |                   |
| 1,3,5-Trimethylbenzene | ++++<br>1.5470 | 1.7441<br>1.5969 | 1.7107<br>1.4862 | 1.7386 | 1.5888 | Ave           |             | 1.6303 |    |   |         | 6.2  |   | 30.0        |               |   |                   |
| n-Decane               | ++++<br>1.0588 | ++++<br>1.0872   | 1.1513<br>0.9938 | 1.2061 | 1.0946 | Ave           |             | 1.0986 |    |   |         | 6.7  |   | 30.0        |               |   |                   |
| Alpha Methyl Styrene   | ++++<br>0.7517 | 0.6280<br>0.8015 | 0.6523<br>0.8369 | 0.7812 | 0.7575 | Ave           |             | 0.7442 |    |   |         | 10.3 |   | 30.0        |               |   |                   |
| tert-Butylbenzene      | ++++<br>1.5556 | 1.7947<br>1.5951 | 1.7487<br>1.5346 | 1.7436 | 1.5745 | Ave           |             | 1.6496 |    |   |         | 6.6  |   | 30.0        |               |   |                   |
| 1,2,4-Trimethylbenzene | ++++<br>1.4780 | 1.6309<br>1.5417 | 1.6284<br>1.5137 | 1.6515 | 1.5144 | Ave           |             | 1.5655 |    |   |         | 4.5  |   | 30.0        |               |   |                   |
| sec-Butylbenzene       | ++++<br>2.2085 | 2.5745<br>2.2578 | 2.5123<br>2.0141 | 2.5135 | 2.2700 | Ave           |             | 2.3358 |    |   |         | 8.7  |   | 30.0        |               |   |                   |
| 1,3-Dichlorobenzene    | ++++<br>0.7810 | 0.6431<br>0.8560 | 0.6703<br>0.9213 | 0.7635 | 0.7741 | Ave           |             | 0.7728 |    |   |         | 12.6 |   | 30.0        |               |   |                   |
| 4-Isopropyltoluene     | ++++<br>1.8176 | 2.0140<br>1.8725 | 1.9882<br>1.7638 | 2.0301 | 1.8532 | Ave           |             | 1.9056 |    |   |         | 5.5  |   | 30.0        |               |   |                   |
| 1,4-Dichlorobenzene    | ++++<br>0.6872 | 0.5132<br>0.7694 | 0.5423<br>0.8714 | 0.6358 | 0.6772 | Ave           |             | 0.6709 |    |   |         | 18.5 |   | 30.0        |               |   |                   |
| Benzyl chloride        | ++++<br>0.8872 | 0.5175<br>1.0048 | 0.5565<br>1.1534 | 0.7864 | 0.8627 | Ave           |             | 0.8241 |    |   |         | 27.7 |   | 30.0        |               |   |                   |
| n-Butylbenzene         | ++++<br>1.5343 | 1.5356<br>1.6238 | 1.5972<br>1.6019 | 1.6756 | 1.5761 | Ave           |             | 1.5921 |    |   |         | 3.1  |   | 30.0        |               |   |                   |
| 1,2-Dichlorobenzene    | ++++<br>0.8076 | 0.7550<br>0.8710 | 0.8019<br>0.9255 | 0.8401 | 0.8133 | Ave           |             | 0.8306 |    |   |         | 6.6  |   | 30.0        |               |   |                   |
| n-Undecane             | ++++<br>1.0740 | ++++<br>1.1109   | 1.1057<br>1.0675 | 1.1749 | 1.0854 | Ave           |             | 1.1031 |    |   |         | 3.5  |   | 30.0        |               |   |                   |
| n-Dodecane             | ++++<br>1.0632 | ++++<br>1.1235   | 1.0361<br>1.1166 | 1.1230 | 1.0502 | Ave           |             | 1.0854 |    |   |         | 3.7  |   | 30.0        |               |   |                   |
| 1,2,4-Trichlorobenzene | ++++<br>0.3570 | ++++<br>0.4125   | 0.2426<br>0.5028 | 0.2931 | 0.3418 | Ave           |             | 0.3583 |    |   |         | 25.5 |   | 30.0        |               |   |                   |
| Hexachlorobutadiene    | ++++<br>0.9116 | 1.0514<br>0.9432 | 1.0347<br>0.9440 | 0.9874 | 0.9051 | Ave           |             | 0.9682 |    |   |         | 6.0  |   | 30.0        |               |   |                   |
| Naphthalene            | ++++<br>0.8867 | ++++<br>1.0221   | 0.8702<br>1.1804 | 0.7842 | 0.8751 | Ave           |             | 0.9365 |    |   |         | 15.2 |   | 30.0        |               |   |                   |
| 1,2,3-Trichlorobenzene | ++++<br>0.4342 | ++++<br>0.4892   | 0.4729<br>0.5666 | 0.4150 | 0.4307 | Ave           |             | 0.4681 |    |   |         | 11.9 |   | 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  
RESPONSE AND CONCENTRATION

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-56177-1 Analy Batch No.: 160253

SDG No.: \_\_\_\_\_

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

Calibration Start Date: 10/21/2020 16:49 Calibration End Date: 10/22/2020 00:48 Calibration ID: 44344

Calibration Files:

| LEVEL:  | LAB SAMPLE ID:    | LAB FILE ID: |
|---------|-------------------|--------------|
| Level 1 | IC 200-160253/4   | 43321-04.D   |
| Level 2 | IC 200-160253/5   | 43321-05.D   |
| Level 3 | IC 200-160253/6   | 43321-06.D   |
| Level 4 | IC 200-160253/7   | 43321-07.D   |
| Level 5 | ICIS 200-160253/8 | 43321-08.D   |
| Level 6 | IC 200-160253/9   | 43321-09.D   |
| Level 7 | IC 200-160253/12  | 43321-12.D   |
| Level 8 | IC 200-160253/13  | 43321-13.D   |

| ANALYTE                       | IS<br>REF | CURVE<br>TYPE | RESPONSE        |                  |                   |        |         | CONCENTRATION (PPB V/V) |                |                |       |       |
|-------------------------------|-----------|---------------|-----------------|------------------|-------------------|--------|---------|-------------------------|----------------|----------------|-------|-------|
|                               |           |               | LVL 1<br>LVL 6  | LVL 2<br>LVL 7   | LVL 3<br>LVL 8    | LVL 4  | LVL 5   | LVL 1<br>LVL 6          | LVL 2<br>LVL 7 | LVL 3<br>LVL 8 | LVL 4 | LVL 5 |
| Propylene                     | BCM       | Ave           | ++++<br>469939  | ++++<br>684725   | ++++<br>1473198   | 134103 | 299713  | ++++<br>15.5            | ++++<br>20.6   | ++++<br>41.3   | 4.64  | 10.3  |
| Dichlorodifluoromethane       | BCM       | Ave           | ++++<br>1746851 | ++++<br>2573897  | 50788<br>5622711  | 513662 | 1122001 | ++++<br>15.7            | ++++<br>20.9   | 0.470<br>41.8  | 4.69  | 10.4  |
| Freon 22                      | BCM       | Ave           | ++++<br>1013372 | ++++<br>1477779  | 28977<br>3181172  | 291882 | 650932  | ++++<br>15.7            | ++++<br>21.0   | 0.472<br>41.9  | 4.71  | 10.5  |
| 1,2-Dichlorotetrafluoroethane | BCM       | Ave           | ++++<br>1964398 | 23323<br>2866885 | 55845<br>6267893  | 567978 | 1262306 | ++++<br>15.6            | 0.188<br>20.8  | 0.469<br>41.6  | 4.68  | 10.4  |
| Chloromethane                 | BCM       | Ave           | ++++<br>580799  | ++++<br>834331   | 17774<br>1798637  | 169597 | 374349  | ++++<br>16.4            | ++++<br>21.8   | 0.492<br>43.7  | 4.91  | 10.9  |
| n-Butane                      | BCM       | Ave           | ++++<br>1498489 | ++++<br>2069580  | 49017<br>4464022  | 446482 | 973507  | ++++<br>15.5            | ++++<br>20.7   | 0.467<br>41.4  | 4.66  | 10.4  |
| Vinyl chloride                | BCM       | Ave           | 3256<br>1039683 | 13413<br>1418407 | 31760<br>3088738  | 308118 | 673145  | 0.0364<br>15.6          | 0.187<br>20.8  | 0.468<br>41.6  | 4.67  | 10.4  |
| 1,3-Butadiene                 | BCM       | Ave           | 3019<br>759902  | 10925<br>1017188 | 23965<br>2413538  | 233477 | 521182  | 0.0355<br>15.2          | 0.183<br>20.2  | 0.456<br>40.5  | 4.55  | 10.1  |
| Bromomethane                  | BCM       | Ave           | ++++<br>915418  | 10378<br>1238213 | 25048<br>2656586  | 252058 | 561478  | ++++<br>15.5            | 0.186<br>20.6  | 0.464<br>41.2  | 4.63  | 10.3  |
| Chloroethane                  | BCM       | Ave           | ++++<br>485904  | 6030<br>735224   | 15012<br>1539539  | 141445 | 318218  | ++++<br>15.6            | 0.187<br>20.8  | 0.468<br>41.6  | 4.67  | 10.4  |
| Isopentane                    | BCM       | Ave           | ++++<br>1120032 | 13978<br>1703589 | 33998<br>3541399  | 334725 | 753646  | ++++<br>15.7            | 0.188<br>20.9  | 0.470<br>41.8  | 4.69  | 10.4  |
| Bromoethene (Vinyl Bromide)   | BCM       | Ave           | ++++<br>992767  | 12462<br>1440464 | 30260<br>2665595  | 301423 | 652835  | ++++<br>15.6            | 0.188<br>20.8  | 0.469<br>41.7  | 4.68  | 10.4  |
| Trichlorofluoromethane        | BCM       | Ave           | ++++<br>2247516 | 25564<br>3367846 | 61438<br>6957056  | 644040 | 1402422 | ++++<br>15.8            | 0.190<br>21.1  | 0.476<br>42.2  | 4.74  | 10.6  |
| n-Pentane                     | BCM       | Ave           | ++++<br>1540084 | 18311<br>2294283 | 43686<br>4890149  | 446975 | 991391  | ++++<br>15.2            | 0.183<br>20.3  | 0.456<br>40.5  | 4.55  | 10.1  |
| Ethanol                       | BCM       | Ave           | ++++<br>633165  | ++++<br>1304509  | 161794<br>3140140 | 310739 | 451674  | ++++<br>20.0            | ++++<br>40.0   | 4.51<br>100.0  | 8.99  | 15.0  |

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

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-56177-1 Analy Batch No.: 160253

SDG No.: \_\_\_\_\_

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

Calibration Start Date: 10/21/2020 16:49 Calibration End Date: 10/22/2020 00:48 Calibration ID: 44344

| ANALYTE                  | IS<br>REF | CURVE<br>TYPE | RESPONSE        |                  |                  |        |         | CONCENTRATION (PPB V/V) |                |                |       |       |
|--------------------------|-----------|---------------|-----------------|------------------|------------------|--------|---------|-------------------------|----------------|----------------|-------|-------|
|                          |           |               | LVL 1<br>LVL 6  | LVL 2<br>LVL 7   | LVL 3<br>LVL 8   | LVL 4  | LVL 5   | LVL 1<br>LVL 6          | LVL 2<br>LVL 7 | LVL 3<br>LVL 8 | LVL 4 | LVL 5 |
| Ethyl ether              | BCM       | Ave           | ++++<br>661328  | 8299<br>964498   | 18928<br>2007813 | 189745 | 434495  | ++++<br>15.1            | 0.182<br>20.2  | 0.454<br>40.3  | 4.53  | 10.1  |
| Acrolein                 | BCM       | Ave           | ++++<br>357536  | ++++<br>532873   | ++++<br>1117204  | 106781 | 238167  | ++++<br>14.6            | ++++<br>19.4   | ++++<br>38.9   | 4.37  | 9.72  |
| 1,1-Dichloroethene       | BCM       | Ave           | 3171<br>945487  | 10927<br>1385409 | 26583<br>2987129 | 272689 | 606273  | 0.0361<br>15.4          | 0.185<br>20.6  | 0.463<br>41.1  | 4.62  | 10.3  |
| Freon TF                 | BCM       | Ave           | ++++<br>2029461 | 23722<br>2970900 | 55886<br>6337029 | 587338 | 1300397 | ++++<br>15.7            | 0.189<br>21.0  | 0.472<br>42.0  | 4.71  | 10.5  |
| Acetone                  | BCM       | Ave           | ++++<br>1489124 | ++++<br>2162579  | ++++<br>4485776  | 452180 | 993999  | ++++<br>15.4            | ++++<br>20.5   | ++++<br>41.0   | 4.60  | 10.2  |
| Isopropyl alcohol        | BCM       | Ave           | ++++<br>1698257 | ++++<br>2462854  | ++++<br>5054564  | 528928 | 1135271 | ++++<br>15.3            | ++++<br>20.4   | ++++<br>40.9   | 4.59  | 10.2  |
| Carbon disulfide         | BCM       | Ave           | ++++<br>2705521 | ++++<br>3936419  | 75561<br>8277293 | 798092 | 1770293 | ++++<br>15.2            | ++++<br>20.3   | 0.458<br>40.6  | 4.57  | 10.2  |
| Acetonitrile             | BCM       | Ave           | ++++<br>665549  | ++++<br>976071   | 20297<br>2038781 | 200335 | 437125  | ++++<br>14.9            | ++++<br>19.8   | 0.446<br>39.6  | 4.45  | 9.90  |
| 3-Chloropropene          | BCM       | Ave           | ++++<br>1346614 | 15887<br>1963769 | 38544<br>4007192 | 400058 | 872051  | ++++<br>16.0            | 0.192<br>21.3  | 0.480<br>42.6  | 4.79  | 10.6  |
| Methylene Chloride       | BCM       | Ave           | ++++<br>1183868 | ++++<br>1710967  | 36862<br>3536206 | 360201 | 775968  | ++++<br>15.4            | ++++<br>20.6   | 0.463<br>41.1  | 4.62  | 10.3  |
| tert-Butyl alcohol       | BCM       | Ave           | ++++<br>2113879 | ++++<br>3054891  | 61550<br>6289954 | 656110 | 1411243 | ++++<br>16.2            | ++++<br>21.6   | 0.486<br>43.1  | 4.84  | 10.8  |
| Acrylonitrile            | BCM       | Ave           | ++++<br>721174  | ++++<br>1057669  | 22613<br>2219751 | 217160 | 470103  | ++++<br>15.2            | ++++<br>20.2   | 0.455<br>40.4  | 4.54  | 10.1  |
| Methyl tert-butyl ether  | BCM       | Ave           | ++++<br>3010514 | 36886<br>4374597 | 87299<br>9058039 | 907992 | 1977359 | ++++<br>15.7            | 0.189<br>20.9  | 0.471<br>41.8  | 4.70  | 10.4  |
| trans-1,2-Dichloroethene | BCM       | Ave           | 4639<br>1541492 | 18700<br>2239360 | 45136<br>4612007 | 462716 | 1012846 | 0.0358<br>15.3          | 0.184<br>20.4  | 0.459<br>40.8  | 4.58  | 10.2  |
| n-Hexane                 | BCM       | Ave           | ++++<br>1681648 | 21567<br>2443830 | 49322<br>5064373 | 505522 | 1097185 | ++++<br>15.9            | 0.191<br>21.2  | 0.477<br>42.4  | 4.76  | 10.6  |
| Vinyl acetate            | BCM       | Ave           | ++++<br>2655657 | ++++<br>3869752  | ++++<br>7908567  | 801306 | 1756453 | ++++<br>15.6            | ++++<br>20.8   | ++++<br>41.6   | 4.67  | 10.4  |
| 1,1-Dichloroethane       | BCM       | Ave           | 6052<br>1890389 | 23367<br>2749743 | 56612<br>5655536 | 579185 | 1253451 | 0.0351<br>15.0          | 0.180<br>20.0  | 0.450<br>40.0  | 4.49  | 10.00 |
| Methyl Ethyl Ketone      | BCM       | Ave           | 2053<br>546330  | 7325<br>793643   | 18665<br>1669962 | 164613 | 366357  | 0.0363<br>15.5          | 0.187<br>20.7  | 0.466<br>41.4  | 4.65  | 10.3  |
| cis-1,2-Dichloroethene   | BCM       | Ave           | 3552<br>1085016 | 13579<br>1572287 | 32074<br>3287398 | 324525 | 706574  | 0.0354<br>15.2          | 0.182<br>20.2  | 0.455<br>40.4  | 4.54  | 10.1  |
| Ethyl acetate            | BCM       | Ave           | ++++<br>93869   | ++++<br>135287   | ++++<br>286947   | 28310  | 60385   | ++++<br>15.2            | ++++<br>20.3   | ++++<br>40.5   | 4.55  | 10.1  |
| Tetrahydrofuran          | DFBZ      | Ave           | ++++<br>1227280 | ++++<br>1779903  | ++++<br>3659075  | 379131 | 817800  | ++++<br>15.0            | ++++<br>20.0   | ++++<br>40.0   | 4.49  | 9.99  |

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

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-56177-1 Analy Batch No.: 160253

SDG No.: \_\_\_\_\_

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

Calibration Start Date: 10/21/2020 16:49 Calibration End Date: 10/22/2020 00:48 Calibration ID: 44344

| ANALYTE                   | IS REF     | CURVE TYPE | RESPONSE        |                  |                    |         |         | CONCENTRATION (PPB V/V) |                |                |       |       |
|---------------------------|------------|------------|-----------------|------------------|--------------------|---------|---------|-------------------------|----------------|----------------|-------|-------|
|                           |            |            | LVL 1<br>LVL 6  | LVL 2<br>LVL 7   | LVL 3<br>LVL 8     | LVL 4   | LVL 5   | LVL 1<br>LVL 6          | LVL 2<br>LVL 7 | LVL 3<br>LVL 8 | LVL 4 | LVL 5 |
| Chloroform                | BCM        | Ave        | ++++<br>2150898 | 27091<br>3114246 | 64286<br>6488555   | 647666  | 1408644 | ++++<br>15.2            | 0.182<br>20.2  | 0.455<br>40.4  | 4.54  | 10.1  |
| 1,1,1-Trichloroethane     | DFBZ       | Ave        | ++++<br>2189882 | 26136<br>3196714 | 62976<br>6703532   | 653608  | 1430216 | ++++<br>15.3            | 0.184<br>20.4  | 0.459<br>40.8  | 4.58  | 10.2  |
| Cyclohexane               | DFBZ       | Ave        | ++++<br>1453722 | 17694<br>2107879 | 42960<br>4404792   | 434269  | 947184  | ++++<br>15.2            | 0.183<br>20.3  | 0.457<br>40.6  | 4.56  | 10.1  |
| Carbon tetrachloride      | DFBZ       | Ave        | 6409<br>2294934 | 26470<br>3350785 | 63501<br>7050804   | 674874  | 1488527 | 0.0356<br>15.2          | 0.183<br>20.3  | 0.458<br>40.6  | 4.57  | 10.2  |
| Benzene                   | DFBZ       | Ave        | ++++<br>3337158 | 42121<br>4856226 | 101292<br>10036698 | 1018691 | 2200445 | ++++<br>15.5            | 0.186<br>20.7  | 0.465<br>41.3  | 4.64  | 10.3  |
| 1,2-Dichloroethane        | DFBZ       | Ave        | ++++<br>1419397 | 18201<br>2066793 | 43288<br>4260188   | 439353  | 937893  | ++++<br>15.5            | 0.187<br>20.7  | 0.467<br>41.4  | 4.66  | 10.4  |
| 2,2,4-Trimethylpentane    | DFBZ       | Ave        | ++++<br>5523976 | 67876<br>7988580 | 163370<br>16203659 | 1692343 | 3650010 | ++++<br>15.7            | 0.189<br>20.9  | 0.472<br>41.9  | 4.70  | 10.5  |
| n-Heptane                 | DFBZ       | Ave        | ++++<br>2050040 | 24862<br>2982696 | 59802<br>6064597   | 625670  | 1357840 | ++++<br>15.8            | 0.190<br>21.0  | 0.473<br>42.0  | 4.72  | 10.5  |
| n-Butanol                 | DFBZ       | Ave        | ++++<br>730101  | ++++<br>1062150  | 27404<br>2276427   | 217721  | 474391  | ++++<br>14.3            | ++++<br>19.1   | 0.430<br>38.2  | 4.29  | 9.55  |
| Trichloroethene           | DFBZ       | Ave        | 4862<br>1498688 | 18645<br>2177988 | 43327<br>4558811   | 447576  | 980816  | 0.0369<br>15.8          | 0.190<br>21.1  | 0.474<br>42.1  | 4.73  | 10.5  |
| 1,2-Dichloropropane       | DFBZ       | Ave        | ++++<br>1310244 | 16310<br>1901156 | 37621<br>3924941   | 398746  | 859719  | ++++<br>15.5            | 0.186<br>20.6  | 0.464<br>41.2  | 4.63  | 10.3  |
| Methyl methacrylate       | DFBZ       | Ave        | ++++<br>1232756 | ++++<br>1809224  | 34243<br>3810628   | 366619  | 808836  | ++++<br>15.2            | ++++<br>20.3   | 0.458<br>40.6  | 4.57  | 10.2  |
| 1,4-Dioxane               | DFBZ       | Ave        | ++++<br>665302  | ++++<br>959657   | ++++<br>1974391    | 213881  | 452595  | ++++<br>15.9            | ++++<br>21.2   | ++++<br>42.3   | 4.75  | 10.6  |
| Dibromomethane            | DFBZ       | Ave        | ++++<br>1494274 | 17757<br>2172297 | 42761<br>4558819   | 443652  | 977530  | ++++<br>15.5            | 0.186<br>20.6  | 0.464<br>41.2  | 4.63  | 10.3  |
| Bromodichloromethane      | DFBZ       | Ave        | ++++<br>2340093 | 26855<br>3423897 | 64379<br>7144882   | 694417  | 1539541 | ++++<br>15.9            | 0.191<br>21.1  | 0.476<br>42.3  | 4.75  | 10.6  |
| cis-1,3-Dichloropropene   | DFBZ       | Ave        | ++++<br>2092235 | 22797<br>3055595 | 54850<br>6463242   | 612834  | 1361315 | ++++<br>15.6            | 0.187<br>20.8  | 0.468<br>41.6  | 4.67  | 10.4  |
| methyl isobutyl ketone    | DFBZ       | Ave        | ++++<br>2724661 | ++++<br>3949031  | 81012<br>8184875   | 832831  | 1822924 | ++++<br>15.4            | ++++<br>20.5   | 0.461<br>41.0  | 4.60  | 10.2  |
| Toluene                   | CBNZd<br>5 | Ave        | ++++<br>2372053 | 28479<br>3455575 | 67182<br>7236750   | 712948  | 1562741 | ++++<br>15.2            | 0.183<br>20.3  | 0.458<br>40.6  | 4.57  | 10.2  |
| n-Octane                  | DFBZ       | Ave        | ++++<br>2859404 | 32923<br>4154356 | 79832<br>8388020   | 881784  | 1904534 | ++++<br>15.5            | 0.186<br>20.7  | 0.465<br>41.3  | 4.64  | 10.3  |
| trans-1,3-Dichloropropene | DFBZ       | Ave        | ++++<br>1739604 | 17808<br>2574238 | 43819<br>5509829   | 501824  | 1142586 | ++++<br>14.8            | 0.178<br>19.8  | 0.445<br>39.5  | 4.44  | 9.88  |

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

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-56177-1 Analy Batch No.: 160253

SDG No.: \_\_\_\_\_

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

Calibration Start Date: 10/21/2020 16:49 Calibration End Date: 10/22/2020 00:48 Calibration ID: 44344

| ANALYTE                          | IS REF  | CURVE TYPE | RESPONSE       |                |                |         |         | CONCENTRATION (PPB V/V) |                |                |       |       |
|----------------------------------|---------|------------|----------------|----------------|----------------|---------|---------|-------------------------|----------------|----------------|-------|-------|
|                                  |         |            | LVL 1<br>LVL 6 | LVL 2<br>LVL 7 | LVL 3<br>LVL 8 | LVL 4   | LVL 5   | LVL 1<br>LVL 6          | LVL 2<br>LVL 7 | LVL 3<br>LVL 8 | LVL 4 | LVL 5 |
| 1,1,2-Trichloroethane            | CBNZd 5 | Ave        | +++++          | 14448          | 34343          | 358651  | 784619  | +++++                   | 0.189          | 0.472          | 4.71  | 10.5  |
|                                  |         |            | 1187841        | 1734803        | 3651948        |         |         | 15.7                    | 21.0           | 41.9           |       |       |
| Tetrachloroethene                | CBNZd 5 | Ave        | 6407           | 26976          | 59002          | 614446  | 1321502 | 0.0368                  | 0.189          | 0.473          | 4.72  | 10.5  |
|                                  |         |            | 2032689        | 2989658        | 6283761        |         |         | 15.8                    | 21.0           | 42.0           |       |       |
| Methyl Butyl Ketone (2-Hexanone) | CBNZd 5 | Ave        | +++++          | +++++          | 76745          | 701241  | 1595821 | +++++                   | +++++          | 0.450          | 4.49  | 9.99  |
|                                  |         |            | 2424674        | 3568367        | 7624151        |         |         | 15.0                    | 20.0           | 40.0           |       |       |
| Dibromochloromethane             | CBNZd 5 | Ave        | +++++          | 22604          | 56732          | 653005  | 1505157 | +++++                   | 0.175          | 0.436          | 4.35  | 9.68  |
|                                  |         |            | 2312440        | 3398879        | 7224137        |         |         | 14.5                    | 19.4           | 38.7           |       |       |
| 1,2-Dibromoethane                | CBNZd 5 | Ave        | +++++          | 21211          | 51695          | 577999  | 1307947 | +++++                   | 0.191          | 0.478          | 4.77  | 10.6  |
|                                  |         |            | 1974565        | 2918159        | 6252919        |         |         | 15.9                    | 21.2           | 42.4           |       |       |
| Chlorobenzene                    | CBNZd 5 | Ave        | +++++          | 36191          | 85257          | 918760  | 2039203 | +++++                   | 0.189          | 0.472          | 4.71  | 10.5  |
|                                  |         |            | 3074225        | 4522194        | 9563543        |         |         | 15.7                    | 21.0           | 42.0           |       |       |
| Ethylbenzene                     | CBNZd 5 | Ave        | +++++          | 60296          | 144735         | 1550803 | 3419290 | +++++                   | 0.184          | 0.460          | 4.59  | 10.2  |
|                                  |         |            | 5205764        | 7582283        | 15722185       |         |         | 15.3                    | 20.4           | 40.9           |       |       |
| m,p-Xylene                       | CBNZd 5 | Ave        | +++++          | 44311          | 109712         | 1198877 | 2665987 | +++++                   | 0.371          | 0.926          | 9.24  | 20.6  |
|                                  |         |            | 4066863        | 5937695        | 12280901       |         |         | 30.8                    | 41.1           | 82.2           |       |       |
| n-Nonane                         | CBNZd 5 | Ave        | +++++          | 31097          | 74454          | 809174  | 1794086 | +++++                   | 0.189          | 0.472          | 4.71  | 10.5  |
|                                  |         |            | 2672983        | 3882874        | 7848018        |         |         | 15.7                    | 21.0           | 41.9           |       |       |
| Xylene, o-                       | CBNZd 5 | Ave        | +++++          | 22722          | 53075          | 589950  | 1306508 | +++++                   | 0.187          | 0.467          | 4.66  | 10.4  |
|                                  |         |            | 1981766        | 2897028        | 6130116        |         |         | 15.5                    | 20.7           | 41.4           |       |       |
| Styrene                          | CBNZd 5 | Ave        | +++++          | 28042          | 70890          | 839070  | 1956739 | +++++                   | 0.186          | 0.465          | 4.64  | 10.3  |
|                                  |         |            | 3006320        | 4481314        | 9714746        |         |         | 15.5                    | 20.6           | 41.3           |       |       |
| Bromoform                        | CBNZd 5 | Ave        | +++++          | 15531          | 42477          | 530894  | 1314197 | +++++                   | 0.186          | 0.463          | 4.62  | 10.3  |
|                                  |         |            | 2005606        | 3009060        | 6498062        |         |         | 15.4                    | 20.6           | 41.2           |       |       |
| Cumene                           | CBNZd 5 | Ave        | +++++          | 66289          | 164145         | 1765891 | 3888938 | +++++                   | 0.188          | 0.470          | 4.69  | 10.4  |
|                                  |         |            | 5807766        | 8432366        | 17077564       |         |         | 15.6                    | 20.9           | 41.7           |       |       |
| 1,1,2,2-Tetrachloroethane        | CBNZd 5 | Ave        | +++++          | 33536          | 81484          | 879802  | 1962287 | +++++                   | 0.187          | 0.466          | 4.65  | 10.3  |
|                                  |         |            | 2930439        | 4294579        | 8963580        |         |         | 15.5                    | 20.7           | 41.4           |       |       |



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

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-56177-1 Analy Batch No.: 160253

SDG No.: \_\_\_\_\_

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

Calibration Start Date: 10/21/2020 16:49 Calibration End Date: 10/22/2020 00:48 Calibration ID: 44344

| ANALYTE                | IS REF     | CURVE TYPE | RESPONSE        |                  |                    |         |         | CONCENTRATION (PPB V/V) |                |                |       |       |
|------------------------|------------|------------|-----------------|------------------|--------------------|---------|---------|-------------------------|----------------|----------------|-------|-------|
|                        |            |            | LVL 1<br>LVL 6  | LVL 2<br>LVL 7   | LVL 3<br>LVL 8     | LVL 4   | LVL 5   | LVL 1<br>LVL 6          | LVL 2<br>LVL 7 | LVL 3<br>LVL 8 | LVL 4 | LVL 5 |
| 1,2,3-Trichloropropane | CBNZd<br>5 | Ave        | ++++<br>2276873 | ++++<br>3361587  | 64591<br>7135070   | 676718  | 1517701 | ++++<br>15.9            | ++++<br>21.2   | 0.477<br>42.4  | 4.76  | 10.6  |
| n-Propylbenzene        | CBNZd<br>5 | Ave        | ++++<br>6730595 | 71814<br>9812997 | 182253<br>18944428 | 2016611 | 4526439 | ++++<br>15.6            | 0.188<br>20.8  | 0.468<br>41.6  | 4.67  | 10.4  |
| 2-Chlorotoluene        | CBNZd<br>5 | Ave        | ++++<br>4238001 | 47299<br>6185271 | 115311<br>13243544 | 1251994 | 2817247 | ++++<br>15.7            | 0.188<br>20.9  | 0.470<br>41.8  | 4.69  | 10.4  |
| 4-Ethyltoluene         | CBNZd<br>5 | Ave        | ++++<br>5448249 | 55072<br>8033178 | 141166<br>16231007 | 1606074 | 3648265 | ++++<br>15.5            | 0.186<br>20.7  | 0.465<br>41.3  | 4.64  | 10.3  |
| 1,3,5-Trimethylbenzene | CBNZd<br>5 | Ave        | ++++<br>4802959 | 53947<br>6971307 | 133941<br>13522699 | 1444649 | 3232658 | ++++<br>15.6            | 0.187<br>20.8  | 0.468<br>41.6  | 4.67  | 10.4  |
| n-Decane               | CBNZd<br>5 | Ave        | ++++<br>3296868 | ++++<br>4760223  | 90402<br>9068584   | 1005053 | 2233534 | ++++<br>15.6            | ++++<br>20.8   | 0.469<br>41.7  | 4.68  | 10.4  |
| Alpha Methyl Styrene   | CBNZd<br>5 | Ave        | ++++<br>2291142 | 19070<br>3435035 | 50137<br>7475774   | 637257  | 1513028 | ++++<br>15.3            | 0.184<br>20.4  | 0.459<br>40.8  | 4.58  | 10.2  |
| tert-Butylbenzene      | CBNZd<br>5 | Ave        | ++++<br>4815659 | 55354<br>6943654 | 136518<br>13923002 | 1444679 | 3194297 | ++++<br>15.5            | 0.187<br>20.7  | 0.467<br>41.4  | 4.66  | 10.4  |
| 1,2,4-Trimethylbenzene | CBNZd<br>5 | Ave        | ++++<br>4592997 | 50496<br>6736883 | 127623<br>13786453 | 1373608 | 3084252 | ++++<br>15.6            | 0.188<br>20.8  | 0.468<br>41.6  | 4.67  | 10.4  |
| sec-Butylbenzene       | CBNZd<br>5 | Ave        | ++++<br>6902893 | 80169<br>9923320 | 198032<br>18449595 | 2102660 | 4649570 | ++++<br>15.7            | 0.189<br>20.9  | 0.471<br>41.8  | 4.70  | 10.5  |
| 1,3-Dichlorobenzene    | CBNZd<br>5 | Ave        | ++++<br>2469033 | 20257<br>3805467 | 53442<br>8536336   | 646063  | 1603891 | ++++<br>15.9            | 0.191<br>21.2  | 0.477<br>42.3  | 4.75  | 10.6  |
| 4-Isopropyltoluene     | CBNZd<br>5 | Ave        | ++++<br>5599527 | 61816<br>8111857 | 154468<br>15924684 | 1673935 | 3741460 | ++++<br>15.5            | 0.186<br>20.6  | 0.464<br>41.2  | 4.63  | 10.3  |
| 1,4-Dichlorobenzene    | CBNZd<br>5 | Ave        | ++++<br>2150068 | 15995<br>3384651 | 42784<br>7989537   | 532370  | 1388503 | ++++<br>15.7            | 0.189<br>20.9  | 0.472<br>41.9  | 4.70  | 10.5  |
| Benzyl chloride        | CBNZd<br>5 | Ave        | ++++<br>2804948 | 16299<br>4466939 | 44369<br>10687000  | 665408  | 1787443 | ++++<br>15.9            | 0.191<br>21.2  | 0.477<br>42.3  | 4.75  | 10.6  |

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

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-56177-1 Analy Batch No.: 160253

SDG No.: \_\_\_\_\_

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

Calibration Start Date: 10/21/2020 16:49 Calibration End Date: 10/22/2020 00:48 Calibration ID: 44344

| ANALYTE                | IS<br>REF  | CURVE<br>TYPE | RESPONSE       |                |                |         |         | CONCENTRATION (PPB V/V) |                |                |       |       |
|------------------------|------------|---------------|----------------|----------------|----------------|---------|---------|-------------------------|----------------|----------------|-------|-------|
|                        |            |               | LVL 1<br>LVL 6 | LVL 2<br>LVL 7 | LVL 3<br>LVL 8 | LVL 4   | LVL 5   | LVL 1<br>LVL 6          | LVL 2<br>LVL 7 | LVL 3<br>LVL 8 | LVL 4 | LVL 5 |
| n-Butylbenzene         | CBNZd<br>5 | Ave           | +++++          | 47497          | 125053         | 1392328 | 3206789 | +++++                   | 0.187          | 0.468          | 4.67  | 10.4  |
|                        |            |               | 4763558        | 7089142        | 14575340       |         |         | 15.6                    | 20.8           | 41.6           |       |       |
| 1,2-Dichlorobenzene    | CBNZd<br>5 | Ave           | +++++          | 23465          | 63085          | 701400  | 1662726 | +++++                   | 0.188          | 0.470          | 4.69  | 10.4  |
|                        |            |               | 2519372        | 3820884        | 8461383        |         |         | 15.7                    | 20.9           | 41.8           |       |       |
| n-Undecane             | CBNZd<br>5 | Ave           | +++++          | +++++          | 87158          | 982893  | 2223189 | +++++                   | +++++          | 0.471          | 4.70  | 10.5  |
|                        |            |               | 3356999        | 4882435        | 9778804        |         |         | 15.7                    | 20.9           | 41.8           |       |       |
| n-Dodecane             | CBNZd<br>5 | Ave           | +++++          | +++++          | 73080          | 840637  | 1924965 | +++++                   | +++++          | 0.422          | 4.21  | 9.36  |
|                        |            |               | 2973545        | 4418486        | 9152825        |         |         | 14.0                    | 18.7           | 37.4           |       |       |
| 1,2,4-Trichlorobenzene | CBNZd<br>5 | Ave           | +++++          | +++++          | 19858          | 254529  | 726946  | +++++                   | +++++          | 0.489          | 4.88  | 10.9  |
|                        |            |               | 1158621        | 1882197        | 4781780        |         |         | 16.3                    | 21.7           | 43.4           |       |       |
| Hexachlorobutadiene    | CBNZd<br>5 | Ave           | +++++          | 32113          | 80002          | 810224  | 1818402 | +++++                   | 0.185          | 0.462          | 4.61  | 10.3  |
|                        |            |               | 2794765        | 4066179        | 8481554        |         |         | 15.4                    | 20.5           | 41.0           |       |       |
| Naphthalene            | CBNZd<br>5 | Ave           | +++++          | +++++          | 63742          | 609623  | 1665593 | +++++                   | +++++          | 0.438          | 4.37  | 9.72  |
|                        |            |               | 2575333        | 4174555        | 10048182       |         |         | 14.6                    | 19.4           | 38.9           |       |       |
| 1,2,3-Trichlorobenzene | CBNZd<br>5 | Ave           | +++++          | +++++          | 32499          | 302674  | 769159  | +++++                   | +++++          | 0.411          | 4.10  | 9.12  |
|                        |            |               | 1183387        | 1874688        | 4525415        |         |         | 13.7                    | 18.2           | 36.5           |       |       |

Curve Type Legend:

Ave = Average ISTD

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

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-56178-1 Analy Batch No.: 160253

SDG No.: \_\_\_\_\_

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

Calibration Start Date: 10/21/2020 16:49 Calibration End Date: 10/22/2020 00:48 Calibration ID: 44344

Calibration Files:

|         |                   |              |
|---------|-------------------|--------------|
| LEVEL:  | LAB SAMPLE ID:    | LAB FILE ID: |
| Level 1 | IC 200-160253/4   | 43321-04.D   |
| Level 2 | IC 200-160253/5   | 43321-05.D   |
| Level 3 | IC 200-160253/6   | 43321-06.D   |
| Level 4 | IC 200-160253/7   | 43321-07.D   |
| Level 5 | ICIS 200-160253/8 | 43321-08.D   |
| Level 6 | IC 200-160253/9   | 43321-09.D   |
| Level 7 | IC 200-160253/12  | 43321-12.D   |
| Level 8 | IC 200-160253/13  | 43321-13.D   |

| ANALYTE                       | RRF              |                  |                          |        |        | CURVE TYPE | COEFFICIENT |        |    | # | MIN RRF | %RSD | # | MAX %RSD | R^2 OR COD | # | MIN R^2 OR COD |
|-------------------------------|------------------|------------------|--------------------------|--------|--------|------------|-------------|--------|----|---|---------|------|---|----------|------------|---|----------------|
|                               | LVL 1<br>LVL 6   | LVL 2<br>LVL 7   | LVL 3<br>LVL 8           | LVL 4  | LVL 5  |            | B           | M1     | M2 |   |         |      |   |          |            |   |                |
| Propylene                     | ++++<br>0.6179   | ++++<br>0.6378   | ++++<br>0.6166           | 0.6816 | 0.6214 | Ave        |             | 0.6351 |    |   |         | 4.3  |   | 30.0     |            |   |                |
| Dichlorodifluoromethane       | ++++<br>2.2704   | ++++<br>2.3699   | ++++<br>2.6430<br>2.3264 | 2.5808 | 2.2996 | Ave        |             | 2.4150 |    |   |         | 6.5  |   | 30.0     |            |   |                |
| Freon 22                      | ++++<br>1.3120   | ++++<br>1.3555   | 1.5022<br>1.3112         | 1.4609 | 1.3290 | Ave        |             | 1.3785 |    |   |         | 6.0  |   | 30.0     |            |   |                |
| 1,2-Dichlorotetrafluoroethane | ++++<br>2.5605   | 3.0820<br>2.6473 | 2.9145<br>2.6008         | 2.8620 | 2.5946 | Ave        |             | 2.7517 |    |   |         | 7.3  |   | 30.0     |            |   |                |
| Chloromethane                 | ++++<br>0.7217   | ++++<br>0.7344   | 0.8843<br>0.7115         | 0.8147 | 0.7335 | Ave        |             | 0.7667 |    |   |         | 8.9  |   | 30.0     |            |   |                |
| n-Butane                      | ++++<br>1.9626   | ++++<br>1.9203   | 2.5705<br>1.8613         | 2.2606 | 2.0107 | Ave        |             | 2.0977 |    |   |         | 12.9 |   | 30.0     |            |   |                |
| Vinyl chloride                | 2.2688<br>1.3578 | 1.7758<br>1.3123 | 1.6607<br>1.2841         | 1.5556 | 1.3863 | Ave        |             | 1.5752 |    |   |         | 21.0 |   | 30.0     |            |   |                |
| 1,3-Butadiene                 | 2.1598<br>1.0189 | 1.4850<br>0.9662 | 1.2866<br>1.0302         | 1.2102 | 1.1020 | Ave        |             | 1.2823 |    |   |         | 30.7 | * | 30.0     |            |   |                |
| Bromomethane                  | ++++<br>1.2048   | 1.3847<br>1.1545 | 1.3199<br>1.1130         | 1.2824 | 1.1653 | Ave        |             | 1.2321 |    |   |         | 8.0  |   | 30.0     |            |   |                |
| Chloroethane                  | ++++<br>0.6346   | 0.7984<br>0.6802 | 0.7850<br>0.6401         | 0.7141 | 0.6553 | Ave        |             | 0.7011 |    |   |         | 9.6  |   | 30.0     |            |   |                |
| Isopentane                    | ++++<br>1.4557   | 1.8418<br>1.5686 | 1.7692<br>1.4653         | 1.6818 | 1.5446 | Ave        |             | 1.6181 |    |   |         | 9.3  |   | 30.0     |            |   |                |
| Bromoethene (Vinyl Bromide)   | ++++<br>1.2928   | 1.6452<br>1.3289 | 1.5777<br>1.1050         | 1.5174 | 1.3406 | Ave        |             | 1.4011 |    |   |         | 13.4 |   | 30.0     |            |   |                |
| Trichlorofluoromethane        | ++++<br>2.8879   | 3.3301<br>3.0657 | 3.1609<br>2.8458         | 3.1991 | 2.8417 | Ave        |             | 3.0473 |    |   |         | 6.3  |   | 30.0     |            |   |                |
| n-Pentane                     | ++++<br>2.0629   | 2.4865<br>2.1771 | 2.3430<br>2.0852         | 2.3145 | 2.0941 | Ave        |             | 2.2233 |    |   |         | 7.2  |   | 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 TestAmerica, Burlington Job No.: 200-56178-1 Analy Batch No.: 160253

SDG No.: \_\_\_\_\_

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

Calibration Start Date: 10/21/2020 16:49 Calibration End Date: 10/22/2020 00:48 Calibration ID: 44344

| ANALYTE                  | RRF              |                  |                  |        |        | CURVE<br>TYPE | COEFFICIENT |        |    | # | MIN RRF | %RSD | # | MAX<br>%RSD | R^2<br>OR COD | # | MIN R^2<br>OR COD |
|--------------------------|------------------|------------------|------------------|--------|--------|---------------|-------------|--------|----|---|---------|------|---|-------------|---------------|---|-------------------|
|                          | LVL 1<br>LVL 6   | LVL 2<br>LVL 7   | LVL 3<br>LVL 8   | LVL 4  | LVL 5  |               | B           | M1     | M2 |   |         |      |   |             |               |   |                   |
| Ethanol                  | ++++<br>0.6430   | ++++<br>0.6269   | 0.8779<br>0.5426 | 0.8145 | 0.6440 | Ave           |             | 0.6915 |    |   |         | 18.4 |   | 30.0        |               |   |                   |
| Ethyl ether              | ++++<br>0.8902   | 1.1326<br>0.9198 | 1.0202<br>0.8604 | 0.9874 | 0.9223 | Ave           |             | 0.9618 |    |   |         | 9.7  |   | 30.0        |               |   |                   |
| Acrolein                 | ++++<br>0.4991   | ++++<br>0.5270   | ++++<br>0.4965   | 0.5763 | 0.5243 | Ave           |             | 0.5246 |    |   |         | 6.1  |   | 30.0        |               |   |                   |
| 1,1-Dichloroethene       | 2.2332<br>1.2480 | 1.4622<br>1.2955 | 1.4049<br>1.2552 | 1.3914 | 1.2619 | Ave           |             | 1.4440 |    |   |         | 22.8 |   | 30.0        |               |   |                   |
| Freon TF                 | ++++<br>2.6251   | 3.1108<br>2.7224 | 2.8944<br>2.6095 | 2.9370 | 2.6525 | Ave           |             | 2.7931 |    |   |         | 6.8  |   | 30.0        |               |   |                   |
| Acetone                  | ++++<br>1.9732   | ++++<br>2.0301   | ++++<br>1.8923   | 2.3163 | 2.0770 | Ave           |             | 2.0578 |    |   |         | 7.8  |   | 30.0        |               |   |                   |
| Isopropyl alcohol        | ++++<br>2.2547   | ++++<br>2.3165   | ++++<br>2.1364   | 2.7148 | 2.3769 | Ave           |             | 2.3598 |    |   |         | 9.2  |   | 30.0        |               |   |                   |
| Carbon disulfide         | ++++<br>3.6132   | ++++<br>3.7244   | 4.0405<br>3.5192 | 4.1204 | 3.7283 | Ave           |             | 3.7910 |    |   |         | 6.3  |   | 30.0        |               |   |                   |
| Acetonitrile             | ++++<br>0.9122   | ++++<br>0.9477   | 1.1139<br>0.8896 | 1.0615 | 0.9448 | Ave           |             | 0.9783 |    |   |         | 9.1  |   | 30.0        |               |   |                   |
| 3-Chloropropene          | ++++<br>1.7157   | 2.0520<br>1.7725 | 1.9662<br>1.6253 | 1.9704 | 1.7521 | Ave           |             | 1.8363 |    |   |         | 8.7  |   | 30.0        |               |   |                   |
| Methylene Chloride       | ++++<br>1.5626   | ++++<br>1.5999   | 1.9481<br>1.4859 | 1.8380 | 1.6151 | Ave           |             | 1.6749 |    |   |         | 10.6 |   | 30.0        |               |   |                   |
| tert-Butyl alcohol       | ++++<br>2.6607   | ++++<br>2.7241   | 3.1020<br>2.5204 | 3.1926 | 2.8012 | Ave           |             | 2.8335 |    |   |         | 9.2  |   | 30.0        |               |   |                   |
| Acrylonitrile            | ++++<br>0.9679   | ++++<br>1.0056   | 1.2152<br>0.9484 | 1.1267 | 0.9949 | Ave           |             | 1.0431 |    |   |         | 10.0 |   | 30.0        |               |   |                   |
| Methyl tert-butyl ether  | ++++<br>3.9090   | 4.8555<br>4.0241 | 4.5386<br>3.7442 | 4.5577 | 4.0488 | Ave           |             | 4.2397 |    |   |         | 9.7  |   | 30.0        |               |   |                   |
| trans-1,2-Dichloroethene | 3.2927<br>2.0506 | 2.5219<br>2.1104 | 2.4041<br>1.9531 | 2.3796 | 2.1247 | Ave           |             | 2.3547 |    |   |         | 18.1 |   | 30.0        |               |   |                   |
| n-Hexane                 | ++++<br>2.1547   | 2.8015<br>2.2183 | 2.5303<br>2.0657 | 2.5040 | 2.2169 | Ave           |             | 2.3559 |    |   |         | 11.1 |   | 30.0        |               |   |                   |
| Vinyl acetate            | ++++<br>3.4681   | ++++<br>3.5802   | ++++<br>3.2880   | 4.0455 | 3.6172 | Ave           |             | 3.5998 |    |   |         | 7.8  |   | 30.0        |               |   |                   |
| 1,1-Dichloroethane       | 4.3816<br>2.5650 | 3.2144<br>2.6432 | 3.0757<br>2.4430 | 3.0381 | 2.6820 | Ave           |             | 3.0054 |    |   |         | 20.6 |   | 30.0        |               |   |                   |
| Methyl Ethyl Ketone      | 1.4375<br>0.7169 | 0.9745<br>0.7378 | 0.9807<br>0.6976 | 0.8351 | 0.7581 | Ave           |             | 0.8923 |    |   |         | 27.6 |   | 30.0        |               |   |                   |
| cis-1,2-Dichloroethene   | 2.5461<br>1.4577 | 1.8494<br>1.4964 | 1.7253<br>1.4060 | 1.6854 | 1.4969 | Ave           |             | 1.7079 |    |   |         | 21.8 |   | 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 TestAmerica, Burlington Job No.: 200-56178-1 Analy Batch No.: 160253

SDG No.: \_\_\_\_\_

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

Calibration Start Date: 10/21/2020 16:49 Calibration End Date: 10/22/2020 00:48 Calibration ID: 44344

| ANALYTE                 | RRF              |                  |                  |        |        | CURVE<br>TYPE | COEFFICIENT |        |    | # | MIN RRF | %RSD | # | MAX<br>%RSD | R^2<br>OR COD | # | MIN R^2<br>OR COD |
|-------------------------|------------------|------------------|------------------|--------|--------|---------------|-------------|--------|----|---|---------|------|---|-------------|---------------|---|-------------------|
|                         | LVL 1<br>LVL 6   | LVL 2<br>LVL 7   | LVL 3<br>LVL 8   | LVL 4  | LVL 5  |               | B           | M1     | M2 |   |         |      |   |             |               |   |                   |
| Ethyl acetate           | ++++<br>0.1257   | ++++<br>0.1284   | ++++<br>0.1224   | 0.1466 | 0.1275 | Ave           |             | 0.1301 |    |   |         | 7.3  |   | 30.0        |               |   |                   |
| Tetrahydrofuran         | ++++<br>0.3456   | ++++<br>0.3584   | ++++<br>0.3635   | 0.3924 | 0.3542 | Ave           |             | 0.3628 |    |   |         | 4.9  |   | 30.0        |               |   |                   |
| Chloroform              | ++++<br>2.8896   | 3.6897<br>2.9640 | 3.4580<br>2.7750 | 3.3637 | 2.9843 | Ave           |             | 3.1606 |    |   |         | 10.8 |   | 30.0        |               |   |                   |
| 1,1,1-Trichloroethane   | ++++<br>0.6046   | 0.6828<br>0.6310 | 0.6528<br>0.6528 | 0.6632 | 0.6074 | Ave           |             | 0.6421 |    |   |         | 4.5  |   | 30.0        |               |   |                   |
| Cyclohexane             | ++++<br>0.4029   | 0.4641<br>0.4177 | 0.4471<br>0.4307 | 0.4424 | 0.4038 | Ave           |             | 0.4298 |    |   |         | 5.4  |   | 30.0        |               |   |                   |
| Carbon tetrachloride    | 0.8883<br>0.6354 | 0.6936<br>0.6634 | 0.6602<br>0.6887 | 0.6868 | 0.6340 | Ave           |             | 0.6938 |    |   |         | 11.8 |   | 30.0        |               |   |                   |
| Benzene                 | ++++<br>0.9088   | 1.0855<br>0.9456 | 1.0358<br>0.9642 | 1.0197 | 0.9218 | Ave           |             | 0.9831 |    |   |         | 6.7  |   | 30.0        |               |   |                   |
| 1,2-Dichloroethane      | ++++<br>0.3854   | 0.4677<br>0.4013 | 0.4414<br>0.4081 | 0.4385 | 0.3918 | Ave           |             | 0.4192 |    |   |         | 7.3  |   | 30.0        |               |   |                   |
| 2,2,4-Trimethylpentane  | ++++<br>1.4843   | 1.7259<br>1.5347 | 1.6483<br>1.5358 | 1.6714 | 1.5086 | Ave           |             | 1.5870 |    |   |         | 5.9  |   | 30.0        |               |   |                   |
| n-Heptane               | ++++<br>0.5487   | 0.6298<br>0.5708 | 0.6011<br>0.5726 | 0.6156 | 0.5591 | Ave           |             | 0.5854 |    |   |         | 5.2  |   | 30.0        |               |   |                   |
| n-Butanol               | ++++<br>0.2151   | ++++<br>0.2237   | 0.3031<br>0.2365 | 0.2357 | 0.2150 | Ave           |             | 0.2382 |    |   |         | 13.9 |   | 30.0        |               |   |                   |
| Trichloroethene         | 0.6502<br>0.4004 | 0.4714<br>0.4160 | 0.4346<br>0.4296 | 0.4395 | 0.4031 | Ave           |             | 0.4556 |    |   |         | 18.0 |   | 30.0        |               |   |                   |
| 1,2-Dichloropropane     | ++++<br>0.3575   | 0.4212<br>0.3709 | 0.3855<br>0.3778 | 0.3999 | 0.3608 | Ave           |             | 0.3819 |    |   |         | 5.9  |   | 30.0        |               |   |                   |
| Methyl methacrylate     | ++++<br>0.3413   | ++++<br>0.3582   | 0.3560<br>0.3722 | 0.3731 | 0.3445 | Ave           |             | 0.3576 |    |   |         | 3.7  |   | 30.0        |               |   |                   |
| 1,4-Dioxane             | ++++<br>0.1769   | ++++<br>0.1824   | ++++<br>0.1852   | 0.2090 | 0.1851 | Ave           |             | 0.1877 |    |   |         | 6.6  |   | 30.0        |               |   |                   |
| Dibromomethane          | ++++<br>0.4081   | 0.4590<br>0.4242 | 0.4385<br>0.4392 | 0.4454 | 0.4107 | Ave           |             | 0.4322 |    |   |         | 4.3  |   | 30.0        |               |   |                   |
| Bromodichloromethane    | ++++<br>0.6228   | 0.6764<br>0.6516 | 0.6434<br>0.6708 | 0.6793 | 0.6303 | Ave           |             | 0.6535 |    |   |         | 3.5  |   | 30.0        |               |   |                   |
| cis-1,3-Dichloropropene | ++++<br>0.5665   | 0.5841<br>0.5915 | 0.5577<br>0.6173 | 0.6099 | 0.5670 | Ave           |             | 0.5849 |    |   |         | 3.9  |   | 30.0        |               |   |                   |
| methyl isobutyl ketone  | ++++<br>0.7485   | ++++<br>0.7757   | 0.8357<br>0.7932 | 0.8410 | 0.7703 | Ave           |             | 0.7941 |    |   |         | 4.7  |   | 30.0        |               |   |                   |
| Toluene                 | ++++<br>0.7813   | 0.9416<br>0.8095 | 0.8775<br>0.8133 | 0.8774 | 0.7855 | Ave           |             | 0.8409 |    |   |         | 7.1  |   | 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 TestAmerica, Burlington Job No.: 200-56178-1 Analy Batch No.: 160253

SDG No.: \_\_\_\_\_

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

Calibration Start Date: 10/21/2020 16:49 Calibration End Date: 10/22/2020 00:48 Calibration ID: 44344

| ANALYTE                          | RRF              |                  |                  |        |        | CURVE<br>TYPE | COEFFICIENT |        |    | # | MIN RRF | %RSD | # | MAX<br>%RSD | R^2<br>OR COD | # | MIN R^2<br>OR COD |
|----------------------------------|------------------|------------------|------------------|--------|--------|---------------|-------------|--------|----|---|---------|------|---|-------------|---------------|---|-------------------|
|                                  | LVL 1<br>LVL 6   | LVL 2<br>LVL 7   | LVL 3<br>LVL 8   | LVL 4  | LVL 5  |               | B           | M1     | M2 |   |         |      |   |             |               |   |                   |
| n-Octane                         | ++++<br>0.7787   | 0.8485<br>0.8089 | 0.8164<br>0.8058 | 0.8827 | 0.7978 | Ave           |             | 0.8198 |    |   |         | 4.2  |   | 30.0        |               |   |                   |
| trans-1,3-Dichloropropene        | ++++<br>0.4953   | 0.4799<br>0.5241 | 0.4685<br>0.5534 | 0.5252 | 0.5004 | Ave           |             | 0.5067 |    |   |         | 5.8  |   | 30.0        |               |   |                   |
| 1,1,2-Trichloroethane            | ++++<br>0.3793   | 0.4631<br>0.3940 | 0.4349<br>0.3979 | 0.4279 | 0.3823 | Ave           |             | 0.4113 |    |   |         | 7.6  |   | 30.0        |               |   |                   |
| Tetrachloroethene                | 1.0966<br>0.6479 | 0.8630<br>0.6776 | 0.7457<br>0.6834 | 0.7317 | 0.6427 | Ave           |             | 0.7611 |    |   |         | 20.1 |   | 30.0        |               |   |                   |
| Methyl Butyl Ketone (2-Hexanone) | ++++<br>0.8122   | ++++<br>0.8501   | 1.0194<br>0.8715 | 0.8777 | 0.8157 | Ave           |             | 0.8744 |    |   |         | 8.7  |   | 30.0        |               |   |                   |
| Dibromochloromethane             | ++++<br>0.7995   | 0.7844<br>0.8357 | 0.7777<br>0.8522 | 0.8435 | 0.7940 | Ave           |             | 0.8124 |    |   |         | 3.8  |   | 30.0        |               |   |                   |
| 1,2-Dibromoethane                | ++++<br>0.6228   | 0.6715<br>0.6546 | 0.6466<br>0.6730 | 0.6812 | 0.6295 | Ave           |             | 0.6542 |    |   |         | 3.4  |   | 30.0        |               |   |                   |
| Chlorobenzene                    | ++++<br>0.9807   | 1.1589<br>1.0260 | 1.0785<br>1.0410 | 1.0951 | 0.9927 | Ave           |             | 1.0533 |    |   |         | 5.9  |   | 30.0        |               |   |                   |
| Ethylbenzene                     | ++++<br>1.7046   | 1.9818<br>1.7657 | 1.8793<br>1.7567 | 1.8974 | 1.7085 | Ave           |             | 1.8134 |    |   |         | 5.9  |   | 30.0        |               |   |                   |
| m,p-Xylene                       | ++++<br>0.6620   | 0.7239<br>0.6873 | 0.7081<br>0.6821 | 0.7291 | 0.6622 | Ave           |             | 0.6935 |    |   |         | 4.0  |   | 30.0        |               |   |                   |
| n-Nonane                         | ++++<br>0.8536   | 0.9967<br>0.8818 | 0.9428<br>0.8551 | 0.9654 | 0.8742 | Ave           |             | 0.9099 |    |   |         | 6.3  |   | 30.0        |               |   |                   |
| Xylene, o-                       | ++++<br>0.6402   | 0.7367<br>0.6655 | 0.6798<br>0.6757 | 0.7120 | 0.6440 | Ave           |             | 0.6791 |    |   |         | 5.2  |   | 30.0        |               |   |                   |
| Styrene                          | ++++<br>0.9749   | 0.9127<br>1.0335 | 0.9115<br>1.0749 | 1.0166 | 0.9683 | Ave           |             | 0.9846 |    |   |         | 6.2  |   | 30.0        |               |   |                   |
| Bromoform                        | ++++<br>0.6523   | 0.5070<br>0.6960 | 0.5478<br>0.7211 | 0.6451 | 0.6522 | Ave           |             | 0.6316 |    |   |         | 12.2 |   | 30.0        |               |   |                   |
| Cumene                           | ++++<br>1.8635   | 2.1349<br>1.9241 | 2.0884<br>1.8697 | 2.1170 | 1.9041 | Ave           |             | 1.9859 |    |   |         | 6.1  |   | 30.0        |               |   |                   |
| 1,1,2,2-Tetrachloroethane        | ++++<br>0.9484   | 1.0894<br>0.9885 | 1.0457<br>0.9899 | 1.0639 | 0.9691 | Ave           |             | 1.0136 |    |   |         | 5.2  |   | 30.0        |               |   |                   |
| 1,2,3-Trichloropropane           | ++++<br>0.7195   | ++++<br>0.7555   | 0.8094<br>0.7694 | 0.7990 | 0.7319 | Ave           |             | 0.7641 |    |   |         | 4.7  |   | 30.0        |               |   |                   |
| n-Propylbenzene                  | ++++<br>2.1658   | 2.3195<br>2.2456 | 2.3255<br>2.0801 | 2.4246 | 2.2226 | Ave           |             | 2.2548 |    |   |         | 5.0  |   | 30.0        |               |   |                   |
| 2-Chlorotoluene                  | ++++<br>1.3585   | 1.5218<br>1.4100 | 1.4657<br>1.4485 | 1.4995 | 1.3780 | Ave           |             | 1.4403 |    |   |         | 4.2  |   | 30.0        |               |   |                   |
| 4-Ethyltoluene                   | ++++<br>1.7650   | 1.7908<br>1.8508 | 1.8134<br>1.7942 | 1.9441 | 1.8035 | Ave           |             | 1.8231 |    |   |         | 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 TestAmerica, Burlington Job No.: 200-56178-1 Analy Batch No.: 160253  
SDG No.: \_\_\_\_\_  
Instrument ID: CHX.i GC Column: RTX-624 ID: 0.32 (mm) Heated Purge: (Y/N) N  
Calibration Start Date: 10/21/2020 16:49 Calibration End Date: 10/22/2020 00:48 Calibration ID: 44344

| ANALYTE                | RRF            |                  |                  |        |        | CURVE<br>TYPE | COEFFICIENT |        |    | # | MIN RRF | %RSD | # | MAX<br>%RSD | R^2<br>OR COD | # | MIN R^2<br>OR COD |
|------------------------|----------------|------------------|------------------|--------|--------|---------------|-------------|--------|----|---|---------|------|---|-------------|---------------|---|-------------------|
|                        | LVL 1<br>LVL 6 | LVL 2<br>LVL 7   | LVL 3<br>LVL 8   | LVL 4  | LVL 5  |               | B           | M1     | M2 |   |         |      |   |             |               |   |                   |
| 1,3,5-Trimethylbenzene | ++++<br>1.5470 | 1.7441<br>1.5969 | 1.7107<br>1.4862 | 1.7386 | 1.5888 | Ave           |             | 1.6303 |    |   |         | 6.2  |   | 30.0        |               |   |                   |
| n-Decane               | ++++<br>1.0588 | 1.1513<br>1.0872 | 1.2061<br>0.9938 | 1.0946 |        | Ave           |             | 1.0986 |    |   |         | 6.7  |   | 30.0        |               |   |                   |
| Alpha Methyl Styrene   | ++++<br>0.7517 | 0.6280<br>0.8015 | 0.6523<br>0.8369 | 0.7812 | 0.7575 | Ave           |             | 0.7442 |    |   |         | 10.3 |   | 30.0        |               |   |                   |
| tert-Butylbenzene      | ++++<br>1.5556 | 1.7947<br>1.5951 | 1.7487<br>1.5346 | 1.7436 | 1.5745 | Ave           |             | 1.6496 |    |   |         | 6.6  |   | 30.0        |               |   |                   |
| 1,2,4-Trimethylbenzene | ++++<br>1.4780 | 1.6309<br>1.5417 | 1.6284<br>1.5137 | 1.6515 | 1.5144 | Ave           |             | 1.5655 |    |   |         | 4.5  |   | 30.0        |               |   |                   |
| sec-Butylbenzene       | ++++<br>2.2085 | 2.5745<br>2.2578 | 2.5123<br>2.0141 | 2.5135 | 2.2700 | Ave           |             | 2.3358 |    |   |         | 8.7  |   | 30.0        |               |   |                   |
| 1,3-Dichlorobenzene    | ++++<br>0.7810 | 0.6431<br>0.8560 | 0.6703<br>0.9213 | 0.7635 | 0.7741 | Ave           |             | 0.7728 |    |   |         | 12.6 |   | 30.0        |               |   |                   |
| 4-Isopropyltoluene     | ++++<br>1.8176 | 2.0140<br>1.8725 | 1.9882<br>1.7638 | 2.0301 | 1.8532 | Ave           |             | 1.9056 |    |   |         | 5.5  |   | 30.0        |               |   |                   |
| 1,4-Dichlorobenzene    | ++++<br>0.6872 | 0.5132<br>0.7694 | 0.5423<br>0.8714 | 0.6358 | 0.6772 | Ave           |             | 0.6709 |    |   |         | 18.5 |   | 30.0        |               |   |                   |
| Benzyl chloride        | ++++<br>0.8872 | 0.5175<br>1.0048 | 0.5565<br>1.1534 | 0.7864 | 0.8627 | Ave           |             | 0.8241 |    |   |         | 27.7 |   | 30.0        |               |   |                   |
| n-Butylbenzene         | ++++<br>1.5343 | 1.5356<br>1.6238 | 1.5972<br>1.6019 | 1.6756 | 1.5761 | Ave           |             | 1.5921 |    |   |         | 3.1  |   | 30.0        |               |   |                   |
| 1,2-Dichlorobenzene    | ++++<br>0.8076 | 0.7550<br>0.8710 | 0.8019<br>0.9255 | 0.8401 | 0.8133 | Ave           |             | 0.8306 |    |   |         | 6.6  |   | 30.0        |               |   |                   |
| n-Undecane             | ++++<br>1.0740 | 1.1057<br>1.1109 | 1.0675           | 1.1749 | 1.0854 | Ave           |             | 1.1031 |    |   |         | 3.5  |   | 30.0        |               |   |                   |
| n-Dodecane             | ++++<br>1.0632 | 1.0361<br>1.1235 | 1.1166           | 1.1230 | 1.0502 | Ave           |             | 1.0854 |    |   |         | 3.7  |   | 30.0        |               |   |                   |
| 1,2,4-Trichlorobenzene | ++++<br>0.3570 | 0.4125           | 0.2426<br>0.5028 | 0.2931 | 0.3418 | Ave           |             | 0.3583 |    |   |         | 25.5 |   | 30.0        |               |   |                   |
| Hexachlorobutadiene    | ++++<br>0.9116 | 1.0514<br>0.9432 | 1.0347<br>0.9440 | 0.9874 | 0.9051 | Ave           |             | 0.9682 |    |   |         | 6.0  |   | 30.0        |               |   |                   |
| Naphthalene            | ++++<br>0.8867 | 0.8702<br>1.0221 | 0.7842<br>1.1804 | 0.8751 |        | Ave           |             | 0.9365 |    |   |         | 15.2 |   | 30.0        |               |   |                   |
| 1,2,3-Trichlorobenzene | ++++<br>0.4342 | 0.4729<br>0.4892 | 0.5666           | 0.4150 | 0.4307 | Ave           |             | 0.4681 |    |   |         | 11.9 |   | 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  
RESPONSE AND CONCENTRATION

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-56178-1 Analy Batch No.: 160253

SDG No.: \_\_\_\_\_

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

Calibration Start Date: 10/21/2020 16:49 Calibration End Date: 10/22/2020 00:48 Calibration ID: 44344

Calibration Files:

| LEVEL:  | LAB SAMPLE ID:    | LAB FILE ID: |
|---------|-------------------|--------------|
| Level 1 | IC 200-160253/4   | 43321-04.D   |
| Level 2 | IC 200-160253/5   | 43321-05.D   |
| Level 3 | IC 200-160253/6   | 43321-06.D   |
| Level 4 | IC 200-160253/7   | 43321-07.D   |
| Level 5 | ICIS 200-160253/8 | 43321-08.D   |
| Level 6 | IC 200-160253/9   | 43321-09.D   |
| Level 7 | IC 200-160253/12  | 43321-12.D   |
| Level 8 | IC 200-160253/13  | 43321-13.D   |

| ANALYTE                       | IS<br>REF | CURVE<br>TYPE | RESPONSE        |                  |                   |        |         | CONCENTRATION (PPB V/V) |                |                |       |       |
|-------------------------------|-----------|---------------|-----------------|------------------|-------------------|--------|---------|-------------------------|----------------|----------------|-------|-------|
|                               |           |               | LVL 1<br>LVL 6  | LVL 2<br>LVL 7   | LVL 3<br>LVL 8    | LVL 4  | LVL 5   | LVL 1<br>LVL 6          | LVL 2<br>LVL 7 | LVL 3<br>LVL 8 | LVL 4 | LVL 5 |
| Propylene                     | BCM       | Ave           | ++++<br>469939  | ++++<br>684725   | ++++<br>1473198   | 134103 | 299713  | ++++<br>15.5            | ++++<br>20.6   | ++++<br>41.3   | 4.64  | 10.3  |
| Dichlorodifluoromethane       | BCM       | Ave           | ++++<br>1746851 | ++++<br>2573897  | 50788<br>5622711  | 513662 | 1122001 | ++++<br>15.7            | ++++<br>20.9   | 0.470<br>41.8  | 4.69  | 10.4  |
| Freon 22                      | BCM       | Ave           | ++++<br>1013372 | ++++<br>1477779  | 28977<br>3181172  | 291882 | 650932  | ++++<br>15.7            | ++++<br>21.0   | 0.472<br>41.9  | 4.71  | 10.5  |
| 1,2-Dichlorotetrafluoroethane | BCM       | Ave           | ++++<br>1964398 | 23323<br>2866885 | 55845<br>6267893  | 567978 | 1262306 | ++++<br>15.6            | 0.188<br>20.8  | 0.469<br>41.6  | 4.68  | 10.4  |
| Chloromethane                 | BCM       | Ave           | ++++<br>580799  | ++++<br>834331   | 17774<br>1798637  | 169597 | 374349  | ++++<br>16.4            | ++++<br>21.8   | 0.492<br>43.7  | 4.91  | 10.9  |
| n-Butane                      | BCM       | Ave           | ++++<br>1498489 | ++++<br>2069580  | 49017<br>4464022  | 446482 | 973507  | ++++<br>15.5            | ++++<br>20.7   | 0.467<br>41.4  | 4.66  | 10.4  |
| Vinyl chloride                | BCM       | Ave           | 3256<br>1039683 | 13413<br>1418407 | 31760<br>3088738  | 308118 | 673145  | 0.0364<br>15.6          | 0.187<br>20.8  | 0.468<br>41.6  | 4.67  | 10.4  |
| 1,3-Butadiene                 | BCM       | Ave           | 3019<br>759902  | 10925<br>1017188 | 23965<br>2413538  | 233477 | 521182  | 0.0355<br>15.2          | 0.183<br>20.2  | 0.456<br>40.5  | 4.55  | 10.1  |
| Bromomethane                  | BCM       | Ave           | ++++<br>915418  | 10378<br>1238213 | 25048<br>2656586  | 252058 | 561478  | ++++<br>15.5            | 0.186<br>20.6  | 0.464<br>41.2  | 4.63  | 10.3  |
| Chloroethane                  | BCM       | Ave           | ++++<br>485904  | 6030<br>735224   | 15012<br>1539539  | 141445 | 318218  | ++++<br>15.6            | 0.187<br>20.8  | 0.468<br>41.6  | 4.67  | 10.4  |
| Isopentane                    | BCM       | Ave           | ++++<br>1120032 | 13978<br>1703589 | 33998<br>3541399  | 334725 | 753646  | ++++<br>15.7            | 0.188<br>20.9  | 0.470<br>41.8  | 4.69  | 10.4  |
| Bromoethene (Vinyl Bromide)   | BCM       | Ave           | ++++<br>992767  | 12462<br>1440464 | 30260<br>2665595  | 301423 | 652835  | ++++<br>15.6            | 0.188<br>20.8  | 0.469<br>41.7  | 4.68  | 10.4  |
| Trichlorofluoromethane        | BCM       | Ave           | ++++<br>2247516 | 25564<br>3367846 | 61438<br>6957056  | 644040 | 1402422 | ++++<br>15.8            | 0.190<br>21.1  | 0.476<br>42.2  | 4.74  | 10.6  |
| n-Pentane                     | BCM       | Ave           | ++++<br>1540084 | 18311<br>2294283 | 43686<br>4890149  | 446975 | 991391  | ++++<br>15.2            | 0.183<br>20.3  | 0.456<br>40.5  | 4.55  | 10.1  |
| Ethanol                       | BCM       | Ave           | ++++<br>633165  | ++++<br>1304509  | 161794<br>3140140 | 310739 | 451674  | ++++<br>20.0            | ++++<br>40.0   | 4.51<br>100.0  | 8.99  | 15.0  |



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

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-56178-1 Analy Batch No.: 160253

SDG No.: \_\_\_\_\_

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

Calibration Start Date: 10/21/2020 16:49 Calibration End Date: 10/22/2020 00:48 Calibration ID: 44344

| ANALYTE                  | IS REF | CURVE TYPE | RESPONSE        |                  |                  |        |         | CONCENTRATION (PPB V/V) |                |                |       |       |
|--------------------------|--------|------------|-----------------|------------------|------------------|--------|---------|-------------------------|----------------|----------------|-------|-------|
|                          |        |            | LVL 1<br>LVL 6  | LVL 2<br>LVL 7   | LVL 3<br>LVL 8   | LVL 4  | LVL 5   | LVL 1<br>LVL 6          | LVL 2<br>LVL 7 | LVL 3<br>LVL 8 | LVL 4 | LVL 5 |
| Ethyl ether              | BCM    | Ave        | ++++<br>661328  | 8299<br>964498   | 18928<br>2007813 | 189745 | 434495  | ++++<br>15.1            | 0.182<br>20.2  | 0.454<br>40.3  | 4.53  | 10.1  |
| Acrolein                 | BCM    | Ave        | ++++<br>357536  | ++++<br>532873   | ++++<br>1117204  | 106781 | 238167  | ++++<br>14.6            | ++++<br>19.4   | ++++<br>38.9   | 4.37  | 9.72  |
| 1,1-Dichloroethene       | BCM    | Ave        | 3171<br>945487  | 10927<br>1385409 | 26583<br>2987129 | 272689 | 606273  | 0.0361<br>15.4          | 0.185<br>20.6  | 0.463<br>41.1  | 4.62  | 10.3  |
| Freon TF                 | BCM    | Ave        | ++++<br>2029461 | 23722<br>2970900 | 55886<br>6337029 | 587338 | 1300397 | ++++<br>15.7            | 0.189<br>21.0  | 0.472<br>42.0  | 4.71  | 10.5  |
| Acetone                  | BCM    | Ave        | ++++<br>1489124 | ++++<br>2162579  | ++++<br>4485776  | 452180 | 993999  | ++++<br>15.4            | ++++<br>20.5   | ++++<br>41.0   | 4.60  | 10.2  |
| Isopropyl alcohol        | BCM    | Ave        | ++++<br>1698257 | ++++<br>2462854  | ++++<br>5054564  | 528928 | 1135271 | ++++<br>15.3            | ++++<br>20.4   | ++++<br>40.9   | 4.59  | 10.2  |
| Carbon disulfide         | BCM    | Ave        | ++++<br>2705521 | ++++<br>3936419  | 75561<br>8277293 | 798092 | 1770293 | ++++<br>15.2            | ++++<br>20.3   | 0.458<br>40.6  | 4.57  | 10.2  |
| Acetonitrile             | BCM    | Ave        | ++++<br>665549  | ++++<br>976071   | 20297<br>2038781 | 200335 | 437125  | ++++<br>14.9            | ++++<br>19.8   | 0.446<br>39.6  | 4.45  | 9.90  |
| 3-Chloropropene          | BCM    | Ave        | ++++<br>1346614 | 15887<br>1963769 | 38544<br>4007192 | 400058 | 872051  | ++++<br>16.0            | 0.192<br>21.3  | 0.480<br>42.6  | 4.79  | 10.6  |
| Methylene Chloride       | BCM    | Ave        | ++++<br>1183868 | ++++<br>1710967  | 36862<br>3536206 | 360201 | 775968  | ++++<br>15.4            | ++++<br>20.6   | 0.463<br>41.1  | 4.62  | 10.3  |
| tert-Butyl alcohol       | BCM    | Ave        | ++++<br>2113879 | ++++<br>3054891  | 61550<br>6289954 | 656110 | 1411243 | ++++<br>16.2            | ++++<br>21.6   | 0.486<br>43.1  | 4.84  | 10.8  |
| Acrylonitrile            | BCM    | Ave        | ++++<br>721174  | ++++<br>1057669  | 22613<br>2219751 | 217160 | 470103  | ++++<br>15.2            | ++++<br>20.2   | 0.455<br>40.4  | 4.54  | 10.1  |
| Methyl tert-butyl ether  | BCM    | Ave        | ++++<br>3010514 | 36886<br>4374597 | 87299<br>9058039 | 907992 | 1977359 | ++++<br>15.7            | 0.189<br>20.9  | 0.471<br>41.8  | 4.70  | 10.4  |
| trans-1,2-Dichloroethene | BCM    | Ave        | 4639<br>1541492 | 18700<br>2239360 | 45136<br>4612007 | 462716 | 1012846 | 0.0358<br>15.3          | 0.184<br>20.4  | 0.459<br>40.8  | 4.58  | 10.2  |
| n-Hexane                 | BCM    | Ave        | ++++<br>1681648 | 21567<br>2443830 | 49322<br>5064373 | 505522 | 1097185 | ++++<br>15.9            | 0.191<br>21.2  | 0.477<br>42.4  | 4.76  | 10.6  |
| Vinyl acetate            | BCM    | Ave        | ++++<br>2655657 | ++++<br>3869752  | ++++<br>7908567  | 801306 | 1756453 | ++++<br>15.6            | ++++<br>20.8   | ++++<br>41.6   | 4.67  | 10.4  |
| 1,1-Dichloroethane       | BCM    | Ave        | 6052<br>1890389 | 23367<br>2749743 | 56612<br>5655536 | 579185 | 1253451 | 0.0351<br>15.0          | 0.180<br>20.0  | 0.450<br>40.0  | 4.49  | 10.00 |
| Methyl Ethyl Ketone      | BCM    | Ave        | 2053<br>546330  | 7325<br>793643   | 18665<br>1669962 | 164613 | 366357  | 0.0363<br>15.5          | 0.187<br>20.7  | 0.466<br>41.4  | 4.65  | 10.3  |
| cis-1,2-Dichloroethene   | BCM    | Ave        | 3552<br>1085016 | 13579<br>1572287 | 32074<br>3287398 | 324525 | 706574  | 0.0354<br>15.2          | 0.182<br>20.2  | 0.455<br>40.4  | 4.54  | 10.1  |
| Ethyl acetate            | BCM    | Ave        | ++++<br>93869   | ++++<br>135287   | ++++<br>286947   | 28310  | 60385   | ++++<br>15.2            | ++++<br>20.3   | ++++<br>40.5   | 4.55  | 10.1  |
| Tetrahydrofuran          | DFBZ   | Ave        | ++++<br>1227280 | ++++<br>1779903  | ++++<br>3659075  | 379131 | 817800  | ++++<br>15.0            | ++++<br>20.0   | ++++<br>40.0   | 4.49  | 9.99  |

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

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-56178-1 Analy Batch No.: 160253

SDG No.: \_\_\_\_\_

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

Calibration Start Date: 10/21/2020 16:49 Calibration End Date: 10/22/2020 00:48 Calibration ID: 44344

| ANALYTE                   | IS REF     | CURVE TYPE | RESPONSE         |                  |                    |         |         | CONCENTRATION (PPB V/V) |                |                |       |       |
|---------------------------|------------|------------|------------------|------------------|--------------------|---------|---------|-------------------------|----------------|----------------|-------|-------|
|                           |            |            | LVL 1<br>LVL 6   | LVL 2<br>LVL 7   | LVL 3<br>LVL 8     | LVL 4   | LVL 5   | LVL 1<br>LVL 6          | LVL 2<br>LVL 7 | LVL 3<br>LVL 8 | LVL 4 | LVL 5 |
| Chloroform                | BCM        | Ave        | +++++<br>2150898 | 27091<br>3114246 | 64286<br>6488555   | 647666  | 1408644 | +++++<br>15.2           | 0.182<br>20.2  | 0.455<br>40.4  | 4.54  | 10.1  |
| 1,1,1-Trichloroethane     | DFBZ       | Ave        | +++++<br>2189882 | 26136<br>3196714 | 62976<br>6703532   | 653608  | 1430216 | +++++<br>15.3           | 0.184<br>20.4  | 0.459<br>40.8  | 4.58  | 10.2  |
| Cyclohexane               | DFBZ       | Ave        | +++++<br>1453722 | 17694<br>2107879 | 42960<br>4404792   | 434269  | 947184  | +++++<br>15.2           | 0.183<br>20.3  | 0.457<br>40.6  | 4.56  | 10.1  |
| Carbon tetrachloride      | DFBZ       | Ave        | 6409<br>2294934  | 26470<br>3350785 | 63501<br>7050804   | 674874  | 1488527 | 0.0356<br>15.2          | 0.183<br>20.3  | 0.458<br>40.6  | 4.57  | 10.2  |
| Benzene                   | DFBZ       | Ave        | +++++<br>3337158 | 42121<br>4856226 | 101292<br>10036698 | 1018691 | 2200445 | +++++<br>15.5           | 0.186<br>20.7  | 0.465<br>41.3  | 4.64  | 10.3  |
| 1,2-Dichloroethane        | DFBZ       | Ave        | +++++<br>1419397 | 18201<br>2066793 | 43288<br>4260188   | 439353  | 937893  | +++++<br>15.5           | 0.187<br>20.7  | 0.467<br>41.4  | 4.66  | 10.4  |
| 2,2,4-Trimethylpentane    | DFBZ       | Ave        | +++++<br>5523976 | 67876<br>7988580 | 163370<br>16203659 | 1692343 | 3650010 | +++++<br>15.7           | 0.189<br>20.9  | 0.472<br>41.9  | 4.70  | 10.5  |
| n-Heptane                 | DFBZ       | Ave        | +++++<br>2050040 | 24862<br>2982696 | 59802<br>6064597   | 625670  | 1357840 | +++++<br>15.8           | 0.190<br>21.0  | 0.473<br>42.0  | 4.72  | 10.5  |
| n-Butanol                 | DFBZ       | Ave        | +++++<br>730101  | +++++<br>1062150 | 27404<br>2276427   | 217721  | 474391  | +++++<br>14.3           | +++++<br>19.1  | 0.430<br>38.2  | 4.29  | 9.55  |
| Trichloroethene           | DFBZ       | Ave        | 4862<br>1498688  | 18645<br>2177988 | 43327<br>4558811   | 447576  | 980816  | 0.0369<br>15.8          | 0.190<br>21.1  | 0.474<br>42.1  | 4.73  | 10.5  |
| 1,2-Dichloropropane       | DFBZ       | Ave        | +++++<br>1310244 | 16310<br>1901156 | 37621<br>3924941   | 398746  | 859719  | +++++<br>15.5           | 0.186<br>20.6  | 0.464<br>41.2  | 4.63  | 10.3  |
| Methyl methacrylate       | DFBZ       | Ave        | +++++<br>1232756 | +++++<br>1809224 | 34243<br>3810628   | 366619  | 808836  | +++++<br>15.2           | +++++<br>20.3  | 0.458<br>40.6  | 4.57  | 10.2  |
| 1,4-Dioxane               | DFBZ       | Ave        | +++++<br>665302  | +++++<br>959657  | +++++<br>1974391   | 213881  | 452595  | +++++<br>15.9           | +++++<br>21.2  | +++++<br>42.3  | 4.75  | 10.6  |
| Dibromomethane            | DFBZ       | Ave        | +++++<br>1494274 | 17757<br>2172297 | 42761<br>4558819   | 443652  | 977530  | +++++<br>15.5           | 0.186<br>20.6  | 0.464<br>41.2  | 4.63  | 10.3  |
| Bromodichloromethane      | DFBZ       | Ave        | +++++<br>2340093 | 26855<br>3423897 | 64379<br>7144882   | 694417  | 1539541 | +++++<br>15.9           | 0.191<br>21.1  | 0.476<br>42.3  | 4.75  | 10.6  |
| cis-1,3-Dichloropropene   | DFBZ       | Ave        | +++++<br>2092235 | 22797<br>3055595 | 54850<br>6463242   | 612834  | 1361315 | +++++<br>15.6           | 0.187<br>20.8  | 0.468<br>41.6  | 4.67  | 10.4  |
| methyl isobutyl ketone    | DFBZ       | Ave        | +++++<br>2724661 | +++++<br>3949031 | 81012<br>8184875   | 832831  | 1822924 | +++++<br>15.4           | +++++<br>20.5  | 0.461<br>41.0  | 4.60  | 10.2  |
| Toluene                   | CBNZd<br>5 | Ave        | +++++<br>2372053 | 28479<br>3455575 | 67182<br>7236750   | 712948  | 1562741 | +++++<br>15.2           | 0.183<br>20.3  | 0.458<br>40.6  | 4.57  | 10.2  |
| n-Octane                  | DFBZ       | Ave        | +++++<br>2859404 | 32923<br>4154356 | 79832<br>8388020   | 881784  | 1904534 | +++++<br>15.5           | 0.186<br>20.7  | 0.465<br>41.3  | 4.64  | 10.3  |
| trans-1,3-Dichloropropene | DFBZ       | Ave        | +++++<br>1739604 | 17808<br>2574238 | 43819<br>5509829   | 501824  | 1142586 | +++++<br>14.8           | 0.178<br>19.8  | 0.445<br>39.5  | 4.44  | 9.88  |

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

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-56178-1 Analy Batch No.: 160253

SDG No.: \_\_\_\_\_

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

Calibration Start Date: 10/21/2020 16:49 Calibration End Date: 10/22/2020 00:48 Calibration ID: 44344

| ANALYTE                          | IS<br>REF  | CURVE<br>TYPE | RESPONSE       |                |                |         |         | CONCENTRATION (PPB V/V) |                |                |       |       |
|----------------------------------|------------|---------------|----------------|----------------|----------------|---------|---------|-------------------------|----------------|----------------|-------|-------|
|                                  |            |               | LVL 1<br>LVL 6 | LVL 2<br>LVL 7 | LVL 3<br>LVL 8 | LVL 4   | LVL 5   | LVL 1<br>LVL 6          | LVL 2<br>LVL 7 | LVL 3<br>LVL 8 | LVL 4 | LVL 5 |
| 1,1,2-Trichloroethane            | CBNZd<br>5 | Ave           | +++++          | 14448          | 34343          | 358651  | 784619  | +++++                   | 0.189          | 0.472          | 4.71  | 10.5  |
|                                  |            |               | 1187841        | 1734803        | 3651948        |         |         | 15.7                    | 21.0           | 41.9           |       |       |
| Tetrachloroethene                | CBNZd<br>5 | Ave           | 6407           | 26976          | 59002          | 614446  | 1321502 | 0.0368                  | 0.189          | 0.473          | 4.72  | 10.5  |
|                                  |            |               | 2032689        | 2989658        | 6283761        |         |         | 15.8                    | 21.0           | 42.0           |       |       |
| Methyl Butyl Ketone (2-Hexanone) | CBNZd<br>5 | Ave           | +++++          | +++++          | 76745          | 701241  | 1595821 | +++++                   | +++++          | 0.450          | 4.49  | 9.99  |
|                                  |            |               | 2424674        | 3568367        | 7624151        |         |         | 15.0                    | 20.0           | 40.0           |       |       |
| Dibromochloromethane             | CBNZd<br>5 | Ave           | +++++          | 22604          | 56732          | 653005  | 1505157 | +++++                   | 0.175          | 0.436          | 4.35  | 9.68  |
|                                  |            |               | 2312440        | 3398879        | 7224137        |         |         | 14.5                    | 19.4           | 38.7           |       |       |
| 1,2-Dibromoethane                | CBNZd<br>5 | Ave           | +++++          | 21211          | 51695          | 577999  | 1307947 | +++++                   | 0.191          | 0.478          | 4.77  | 10.6  |
|                                  |            |               | 1974565        | 2918159        | 6252919        |         |         | 15.9                    | 21.2           | 42.4           |       |       |
| Chlorobenzene                    | CBNZd<br>5 | Ave           | +++++          | 36191          | 85257          | 918760  | 2039203 | +++++                   | 0.189          | 0.472          | 4.71  | 10.5  |
|                                  |            |               | 3074225        | 4522194        | 9563543        |         |         | 15.7                    | 21.0           | 42.0           |       |       |
| Ethylbenzene                     | CBNZd<br>5 | Ave           | +++++          | 60296          | 144735         | 1550803 | 3419290 | +++++                   | 0.184          | 0.460          | 4.59  | 10.2  |
|                                  |            |               | 5205764        | 7582283        | 15722185       |         |         | 15.3                    | 20.4           | 40.9           |       |       |
| m,p-Xylene                       | CBNZd<br>5 | Ave           | +++++          | 44311          | 109712         | 1198877 | 2665987 | +++++                   | 0.371          | 0.926          | 9.24  | 20.6  |
|                                  |            |               | 4066863        | 5937695        | 12280901       |         |         | 30.8                    | 41.1           | 82.2           |       |       |
| n-Nonane                         | CBNZd<br>5 | Ave           | +++++          | 31097          | 74454          | 809174  | 1794086 | +++++                   | 0.189          | 0.472          | 4.71  | 10.5  |
|                                  |            |               | 2672983        | 3882874        | 7848018        |         |         | 15.7                    | 21.0           | 41.9           |       |       |
| Xylene, o-                       | CBNZd<br>5 | Ave           | +++++          | 22722          | 53075          | 589950  | 1306508 | +++++                   | 0.187          | 0.467          | 4.66  | 10.4  |
|                                  |            |               | 1981766        | 2897028        | 6130116        |         |         | 15.5                    | 20.7           | 41.4           |       |       |
| Styrene                          | CBNZd<br>5 | Ave           | +++++          | 28042          | 70890          | 839070  | 1956739 | +++++                   | 0.186          | 0.465          | 4.64  | 10.3  |
|                                  |            |               | 3006320        | 4481314        | 9714746        |         |         | 15.5                    | 20.6           | 41.3           |       |       |
| Bromoform                        | CBNZd<br>5 | Ave           | +++++          | 15531          | 42477          | 530894  | 1314197 | +++++                   | 0.186          | 0.463          | 4.62  | 10.3  |
|                                  |            |               | 2005606        | 3009060        | 6498062        |         |         | 15.4                    | 20.6           | 41.2           |       |       |
| Cumene                           | CBNZd<br>5 | Ave           | +++++          | 66289          | 164145         | 1765891 | 3888938 | +++++                   | 0.188          | 0.470          | 4.69  | 10.4  |
|                                  |            |               | 5807766        | 8432366        | 17077564       |         |         | 15.6                    | 20.9           | 41.7           |       |       |
| 1,1,2,2-Tetrachloroethane        | CBNZd<br>5 | Ave           | +++++          | 33536          | 81484          | 879802  | 1962287 | +++++                   | 0.187          | 0.466          | 4.65  | 10.3  |
|                                  |            |               | 2930439        | 4294579        | 8963580        |         |         | 15.5                    | 20.7           | 41.4           |       |       |

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

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-56178-1 Analy Batch No.: 160253

SDG No.: \_\_\_\_\_

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

Calibration Start Date: 10/21/2020 16:49 Calibration End Date: 10/22/2020 00:48 Calibration ID: 44344

| ANALYTE                | IS<br>REF  | CURVE<br>TYPE | RESPONSE        |                  |                    |         |         | CONCENTRATION (PPB V/V) |                |                |       |       |
|------------------------|------------|---------------|-----------------|------------------|--------------------|---------|---------|-------------------------|----------------|----------------|-------|-------|
|                        |            |               | LVL 1<br>LVL 6  | LVL 2<br>LVL 7   | LVL 3<br>LVL 8     | LVL 4   | LVL 5   | LVL 1<br>LVL 6          | LVL 2<br>LVL 7 | LVL 3<br>LVL 8 | LVL 4 | LVL 5 |
| 1,2,3-Trichloropropane | CBNZd<br>5 | Ave           | ++++<br>2276873 | ++++<br>3361587  | 64591<br>7135070   | 676718  | 1517701 | ++++<br>15.9            | ++++<br>21.2   | 0.477<br>42.4  | 4.76  | 10.6  |
| n-Propylbenzene        | CBNZd<br>5 | Ave           | ++++<br>6730595 | 71814<br>9812997 | 182253<br>18944428 | 2016611 | 4526439 | ++++<br>15.6            | 0.188<br>20.8  | 0.468<br>41.6  | 4.67  | 10.4  |
| 2-Chlorotoluene        | CBNZd<br>5 | Ave           | ++++<br>4238001 | 47299<br>6185271 | 115311<br>13243544 | 1251994 | 2817247 | ++++<br>15.7            | 0.188<br>20.9  | 0.470<br>41.8  | 4.69  | 10.4  |
| 4-Ethyltoluene         | CBNZd<br>5 | Ave           | ++++<br>5448249 | 55072<br>8033178 | 141166<br>16231007 | 1606074 | 3648265 | ++++<br>15.5            | 0.186<br>20.7  | 0.465<br>41.3  | 4.64  | 10.3  |
| 1,3,5-Trimethylbenzene | CBNZd<br>5 | Ave           | ++++<br>4802959 | 53947<br>6971307 | 133941<br>13522699 | 1444649 | 3232658 | ++++<br>15.6            | 0.187<br>20.8  | 0.468<br>41.6  | 4.67  | 10.4  |
| n-Decane               | CBNZd<br>5 | Ave           | ++++<br>3296868 | ++++<br>4760223  | 90402<br>9068584   | 1005053 | 2233534 | ++++<br>15.6            | ++++<br>20.8   | 0.469<br>41.7  | 4.68  | 10.4  |
| Alpha Methyl Styrene   | CBNZd<br>5 | Ave           | ++++<br>2291142 | 19070<br>3435035 | 50137<br>7475774   | 637257  | 1513028 | ++++<br>15.3            | 0.184<br>20.4  | 0.459<br>40.8  | 4.58  | 10.2  |
| tert-Butylbenzene      | CBNZd<br>5 | Ave           | ++++<br>4815659 | 55354<br>6943654 | 136518<br>13923002 | 1444679 | 3194297 | ++++<br>15.5            | 0.187<br>20.7  | 0.467<br>41.4  | 4.66  | 10.4  |
| 1,2,4-Trimethylbenzene | CBNZd<br>5 | Ave           | ++++<br>4592997 | 50496<br>6736883 | 127623<br>13786453 | 1373608 | 3084252 | ++++<br>15.6            | 0.188<br>20.8  | 0.468<br>41.6  | 4.67  | 10.4  |
| sec-Butylbenzene       | CBNZd<br>5 | Ave           | ++++<br>6902893 | 80169<br>9923320 | 198032<br>18449595 | 2102660 | 4649570 | ++++<br>15.7            | 0.189<br>20.9  | 0.471<br>41.8  | 4.70  | 10.5  |
| 1,3-Dichlorobenzene    | CBNZd<br>5 | Ave           | ++++<br>2469033 | 20257<br>3805467 | 53442<br>8536336   | 646063  | 1603891 | ++++<br>15.9            | 0.191<br>21.2  | 0.477<br>42.3  | 4.75  | 10.6  |
| 4-Isopropyltoluene     | CBNZd<br>5 | Ave           | ++++<br>5599527 | 61816<br>8111857 | 154468<br>15924684 | 1673935 | 3741460 | ++++<br>15.5            | 0.186<br>20.6  | 0.464<br>41.2  | 4.63  | 10.3  |
| 1,4-Dichlorobenzene    | CBNZd<br>5 | Ave           | ++++<br>2150068 | 15995<br>3384651 | 42784<br>7989537   | 532370  | 1388503 | ++++<br>15.7            | 0.189<br>20.9  | 0.472<br>41.9  | 4.70  | 10.5  |
| Benzyl chloride        | CBNZd<br>5 | Ave           | ++++<br>2804948 | 16299<br>4466939 | 44369<br>10687000  | 665408  | 1787443 | ++++<br>15.9            | 0.191<br>21.2  | 0.477<br>42.3  | 4.75  | 10.6  |

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

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-56178-1 Analy Batch No.: 160253

SDG No.: \_\_\_\_\_

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

Calibration Start Date: 10/21/2020 16:49 Calibration End Date: 10/22/2020 00:48 Calibration ID: 44344

| ANALYTE                | IS<br>REF  | CURVE<br>TYPE | RESPONSE       |                |                |         |         | CONCENTRATION (PPB V/V) |                |                |       |       |
|------------------------|------------|---------------|----------------|----------------|----------------|---------|---------|-------------------------|----------------|----------------|-------|-------|
|                        |            |               | LVL 1<br>LVL 6 | LVL 2<br>LVL 7 | LVL 3<br>LVL 8 | LVL 4   | LVL 5   | LVL 1<br>LVL 6          | LVL 2<br>LVL 7 | LVL 3<br>LVL 8 | LVL 4 | LVL 5 |
| n-Butylbenzene         | CBNZd<br>5 | Ave           | +++++          | 47497          | 125053         | 1392328 | 3206789 | +++++                   | 0.187          | 0.468          | 4.67  | 10.4  |
|                        |            |               | 4763558        | 7089142        | 14575340       |         |         | 15.6                    | 20.8           | 41.6           |       |       |
| 1,2-Dichlorobenzene    | CBNZd<br>5 | Ave           | +++++          | 23465          | 63085          | 701400  | 1662726 | +++++                   | 0.188          | 0.470          | 4.69  | 10.4  |
|                        |            |               | 2519372        | 3820884        | 8461383        |         |         | 15.7                    | 20.9           | 41.8           |       |       |
| n-Undecane             | CBNZd<br>5 | Ave           | +++++          | +++++          | 87158          | 982893  | 2223189 | +++++                   | +++++          | 0.471          | 4.70  | 10.5  |
|                        |            |               | 3356999        | 4882435        | 9778804        |         |         | 15.7                    | 20.9           | 41.8           |       |       |
| n-Dodecane             | CBNZd<br>5 | Ave           | +++++          | +++++          | 73080          | 840637  | 1924965 | +++++                   | +++++          | 0.422          | 4.21  | 9.36  |
|                        |            |               | 2973545        | 4418486        | 9152825        |         |         | 14.0                    | 18.7           | 37.4           |       |       |
| 1,2,4-Trichlorobenzene | CBNZd<br>5 | Ave           | +++++          | +++++          | 19858          | 254529  | 726946  | +++++                   | +++++          | 0.489          | 4.88  | 10.9  |
|                        |            |               | 1158621        | 1882197        | 4781780        |         |         | 16.3                    | 21.7           | 43.4           |       |       |
| Hexachlorobutadiene    | CBNZd<br>5 | Ave           | +++++          | 32113          | 80002          | 810224  | 1818402 | +++++                   | 0.185          | 0.462          | 4.61  | 10.3  |
|                        |            |               | 2794765        | 4066179        | 8481554        |         |         | 15.4                    | 20.5           | 41.0           |       |       |
| Naphthalene            | CBNZd<br>5 | Ave           | +++++          | +++++          | 63742          | 609623  | 1665593 | +++++                   | +++++          | 0.438          | 4.37  | 9.72  |
|                        |            |               | 2575333        | 4174555        | 10048182       |         |         | 14.6                    | 19.4           | 38.9           |       |       |
| 1,2,3-Trichlorobenzene | CBNZd<br>5 | Ave           | +++++          | +++++          | 32499          | 302674  | 769159  | +++++                   | +++++          | 0.411          | 4.10  | 9.12  |
|                        |            |               | 1183387        | 1874688        | 4525415        |         |         | 13.7                    | 18.2           | 36.5           |       |       |

Curve Type Legend:

Ave = Average ISTD

FORM VII  
AIR - GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-56158-1  
 SDG No.: \_\_\_\_\_  
 Lab Sample ID: ICV 200-160312/18 Calibration Date: 10/23/2020 06:17  
 Instrument ID: CHC.i Calib Start Date: 10/22/2020 17:37  
 GC Column: RTX-624 ID: 0.32 (mm) Calib End Date: 10/23/2020 01:45  
 Lab File ID: 43343-18.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        | 0.7440  | 0.7414 |         | 10.1        | 10.1         | -0.4  | 30.0   |
| Dichlorodifluoromethane       | Ave        | 3.341   | 3.404  |         | 10.8        | 10.6         | 1.9   | 30.0   |
| Freon 22                      | Ave        | 1.496   | 1.528  |         | 10.8        | 10.6         | 2.1   | 30.0   |
| 1,2-Dichlorotetrafluoroethane | Ave        | 2.668   | 2.688  |         | 10.7        | 10.6         | 0.8   | 30.0   |
| Chloromethane                 | Ave        | 0.5431  | 0.6133 |         | 11.2        | 9.94         | 12.9  | 30.0   |
| n-Butane                      | Ave        | 0.8312  | 0.8513 |         | 10.5        | 10.3         | 2.4   | 30.0   |
| Vinyl chloride                | Ave        | 0.7351  | 0.7250 |         | 9.85        | 9.99         | -1.4  | 30.0   |
| 1,3-Butadiene                 | Ave        | 0.5530  | 0.5236 |         | 9.18        | 9.70         | -5.3  | 30.0   |
| Bromomethane                  | Ave        | 0.7733  | 0.7737 |         | 10.4        | 10.4         | 0.0   | 30.0   |
| Chloroethane                  | Ave        | 0.2857  | 0.2941 |         | 10.9        | 10.6         | 2.9   | 30.0   |
| Isopentane                    | Ave        | 0.5848  | 0.5365 |         | 9.58        | 10.4         | -8.3  | 30.0   |
| Bromoethene (Vinyl Bromide)   | Ave        | 0.8045  | 0.7907 |         | 9.88        | 10.0         | -1.7  | 30.0   |
| Trichlorofluoromethane        | Ave        | 2.765   | 2.671  |         | 10.1        | 10.4         | -3.4  | 30.0   |
| n-Pentane                     | Ave        | 0.8786  | 0.8179 |         | 9.50        | 10.2         | -6.9  | 30.0   |
| Ethanol                       | Ave        | 0.2723  | 0.2870 |         | 15.8        | 15.0         | 5.4   | 30.0   |
| Ethyl ether                   | Ave        | 0.4420  | 0.4370 |         | 10.1        | 10.2         | -1.1  | 30.0   |
| Acrolein                      | Ave        | 0.2230  | 0.2301 |         | 10.0        | 9.71         | 3.2   | 30.0   |
| Freon TF                      | Ave        | 1.900   | 1.893  |         | 10.6        | 10.7         | -0.3  | 30.0   |
| 1,1-Dichloroethene            | Ave        | 0.8683  | 0.8001 |         | 9.39        | 10.2         | -7.9  | 30.0   |
| Acetone                       | Ave        | 0.9571  | 0.9605 |         | 10.5        | 10.4         | 0.4   | 30.0   |
| Carbon disulfide              | Ave        | 2.093   | 2.065  |         | 10.2        | 10.4         | -1.3  | 30.0   |
| Isopropyl alcohol             | Ave        | 1.002   | 1.058  |         | 10.7        | 10.2         | 5.6   | 30.0   |
| 3-Chloropropene               | Ave        | 0.7469  | 0.7390 |         | 10.6        | 10.7         | -1.1  | 30.0   |
| Acetonitrile                  | Ave        | 0.3738  | 0.3820 |         | 9.93        | 9.72         | 2.2   | 30.0   |
| Methylene Chloride            | Ave        | 0.7789  | 0.7626 |         | 10.0        | 10.2         | -2.1  | 30.0   |
| tert-Butyl alcohol            | Ave        | 1.604   | 1.561  |         | 10.5        | 10.8         | -2.7  | 30.0   |
| Methyl tert-butyl ether       | Ave        | 2.556   | 2.414  |         | 9.97        | 10.6         | -5.6  | 30.0   |
| trans-1,2-Dichloroethene      | Ave        | 1.191   | 1.121  |         | 9.73        | 10.3         | -5.8  | 30.0   |
| Acrylonitrile                 | Ave        | 0.4174  | 0.3975 |         | 9.70        | 10.2         | -4.8  | 30.0   |
| n-Hexane                      | Ave        | 1.069   | 0.9885 |         | 9.68        | 10.5         | -7.5  | 30.0   |
| 1,1-Dichloroethane            | Ave        | 1.567   | 1.393  |         | 9.12        | 10.3         | -11.1 | 30.0   |
| Vinyl acetate                 | Ave        | 1.570   | 1.623  |         | 10.4        | 10.1         | 3.4   | 30.0   |
| cis-1,2-Dichloroethene        | Ave        | 1.227   | 1.060  |         | 8.95        | 10.4         | -13.6 | 30.0   |
| Methyl Ethyl Ketone           | Ave        | 0.4458  | 0.4404 |         | 10.2        | 10.4         | -1.2  | 30.0   |
| Ethyl acetate                 | Ave        | 0.0859  | 0.0869 |         | 10.3        | 10.2         | 1.2   | 30.0   |
| Tetrahydrofuran               | Ave        | 0.1404  | 0.1435 |         | 10.0        | 9.81         | 2.2   | 30.0   |
| Chloroform                    | Ave        | 2.617   | 2.456  |         | 9.68        | 10.3         | -6.1  | 30.0   |
| 1,1,1-Trichloroethane         | Ave        | 0.5228  | 0.4971 |         | 9.81        | 10.3         | -4.9  | 30.0   |
| Cyclohexane                   | Ave        | 0.2547  | 0.2443 |         | 9.80        | 10.2         | -4.1  | 30.0   |
| Carbon tetrachloride          | Ave        | 0.5875  | 0.5898 |         | 10.1        | 10.0         | 0.4   | 30.0   |

FORM VII  
AIR - GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-56158-1  
 SDG No.: \_\_\_\_\_  
 Lab Sample ID: ICV 200-160312/18 Calibration Date: 10/23/2020 06:17  
 Instrument ID: CHC.i Calib Start Date: 10/22/2020 17:37  
 GC Column: RTX-624 ID: 0.32 (mm) Calib End Date: 10/23/2020 01:45  
 Lab File ID: 43343-18.D Conc. Units: ppb v/v Heated Purge: (Y/N) N

| ANALYTE                             | CURVE<br>TYPE | AVE RRF | RRF    | MIN RRF | CALC<br>AMOUNT | SPIKE<br>AMOUNT | %D    | MAX<br>%D |
|-------------------------------------|---------------|---------|--------|---------|----------------|-----------------|-------|-----------|
| Benzene                             | Ave           | 0.6393  | 0.6192 |         | 10.1           | 10.4            | -3.1  | 30.0      |
| 2,2,4-Trimethylpentane              | Ave           | 0.8862  | 0.8832 |         | 10.1           | 10.1            | -0.3  | 30.0      |
| 1,2-Dichloroethane                  | Ave           | 0.3102  | 0.2982 |         | 10.1           | 10.5            | -3.9  | 30.0      |
| n-Heptane                           | Ave           | 0.3177  | 0.3161 |         | 10.3           | 10.3            | -0.5  | 30.0      |
| n-Butanol                           | Ave           | 0.1632  | 0.1662 |         | 9.28           | 9.11            | 1.8   | 30.0      |
| Trichloroethene                     | Ave           | 0.4002  | 0.3763 |         | 9.67           | 10.3            | -6.0  | 30.0      |
| 1,2-Dichloropropane                 | Ave           | 0.2866  | 0.2742 |         | 9.90           | 10.3            | -4.3  | 30.0      |
| Methyl methacrylate                 | Ave           | 0.2942  | 0.2808 |         | 9.74           | 10.2            | -4.6  | 30.0      |
| Dibromomethane                      | Ave           | 0.5459  | 0.5320 |         | 10.1           | 10.3            | -2.5  | 30.0      |
| 1,4-Dioxane                         | Ave           | 0.1642  | 0.1755 |         | 11.0           | 10.3            | 6.9   | 30.0      |
| Bromodichloromethane                | Ave           | 0.6676  | 0.6529 |         | 10.1           | 10.3            | -2.2  | 30.0      |
| cis-1,3-Dichloropropene             | Ave           | 0.5923  | 0.6026 |         | 10.1           | 9.94            | 1.7   | 30.0      |
| methyl isobutyl ketone              | Ave           | 0.6258  | 0.6113 |         | 9.95           | 10.2            | -2.3  | 30.0      |
| Toluene                             | Ave           | 0.6248  | 0.6151 |         | 10.0           | 10.2            | -1.6  | 30.0      |
| n-Octane                            | Ave           | 0.6669  | 0.6350 |         | 9.80           | 10.3            | -4.8  | 30.0      |
| trans-1,3-Dichloropropene           | Ave           | 0.5511  | 0.5453 |         | 9.75           | 9.85            | -1.0  | 30.0      |
| 1,1,2-Trichloroethane               | Ave           | 0.2947  | 0.2838 |         | 10.1           | 10.5            | -3.7  | 30.0      |
| Tetrachloroethene                   | Ave           | 0.6803  | 0.6475 |         | 9.96           | 10.5            | -4.8  | 30.0      |
| Methyl Butyl Ketone<br>(2-Hexanone) | Ave           | 0.5434  | 0.5354 |         | 9.96           | 10.1            | -1.5  | 30.0      |
| Dibromochloromethane                | Ave           | 0.7576  | 0.6791 |         | 9.50           | 10.6            | -10.4 | 30.0      |
| 1,2-Dibromoethane                   | Ave           | 0.5738  | 0.5723 |         | 10.6           | 10.7            | -0.3  | 30.0      |
| Chlorobenzene                       | Ave           | 0.8948  | 0.8615 |         | 10.1           | 10.5            | -3.7  | 30.0      |
| Ethylbenzene                        | Ave           | 1.427   | 1.381  |         | 9.90           | 10.2            | -3.2  | 30.0      |
| n-Nonane                            | Ave           | 0.5906  | 0.5768 |         | 10.2           | 10.5            | -2.3  | 30.0      |
| m,p-Xylene                          | Ave           | 0.5532  | 0.5504 |         | 19.9           | 20.0            | -0.5  | 30.0      |
| Xylene, o-                          | Ave           | 0.5526  | 0.5322 |         | 9.99           | 10.4            | -3.7  | 30.0      |
| Styrene                             | Ave           | 0.8927  | 0.8903 |         | 10.3           | 10.3            | -0.3  | 30.0      |
| Bromoform                           | Ave           | 0.7415  | 0.7670 |         | 10.7           | 10.3            | 3.4   | 30.0      |
| Cumene                              | Ave           | 1.686   | 1.629  |         | 10.1           | 10.5            | -3.4  | 30.0      |
| 1,1,2,2-Tetrachloroethane           | Ave           | 0.7755  | 0.7638 |         | 10.2           | 10.3            | -1.5  | 30.0      |
| 1,2,3-Trichloropropane              | Ave           | 0.6033  | 0.5963 |         | 10.5           | 10.6            | -1.2  | 30.0      |
| n-Propylbenzene                     | Ave           | 1.919   | 1.878  |         | 10.1           | 10.4            | -2.2  | 30.0      |
| 2-Chlorotoluene                     | Ave           | 1.335   | 1.302  |         | 10.2           | 10.4            | -2.5  | 30.0      |
| 4-Ethyltoluene                      | Ave           | 1.670   | 1.661  |         | 10.2           | 10.2            | -0.6  | 30.0      |
| n-Decane                            | Ave           | 0.7682  | 0.7712 |         | 10.4           | 10.3            | 0.4   | 30.0      |
| 1,3,5-Trimethylbenzene              | Ave           | 1.388   | 1.341  |         | 10.1           | 10.5            | -3.4  | 30.0      |
| Alpha Methyl Styrene                | Ave           | 0.7585  | 0.7519 |         | 10.1           | 10.2            | -0.9  | 30.0      |
| tert-Butylbenzene                   | Ave           | 1.397   | 1.377  |         | 10.2           | 10.4            | -1.5  | 30.0      |
| 1,2,4-Trimethylbenzene              | Ave           | 1.414   | 1.382  |         | 10.2           | 10.4            | -2.3  | 30.0      |
| sec-Butylbenzene                    | Ave           | 2.087   | 2.066  |         | 10.4           | 10.5            | -1.0  | 30.0      |

FORM VII  
AIR - GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-56158-1  
 SDG No.: \_\_\_\_\_  
 Lab Sample ID: ICV 200-160312/18 Calibration Date: 10/23/2020 06:17  
 Instrument ID: CHC.i Calib Start Date: 10/22/2020 17:37  
 GC Column: RTX-624 ID: 0.32 (mm) Calib End Date: 10/23/2020 01:45  
 Lab File ID: 43343-18.D Conc. Units: ppb v/v Heated Purge: (Y/N) N

| ANALYTE                | CURVE<br>TYPE | AVE RRF | RRF    | MIN RRF | CALC<br>AMOUNT | SPIKE<br>AMOUNT | %D    | MAX<br>%D |
|------------------------|---------------|---------|--------|---------|----------------|-----------------|-------|-----------|
| 4-Isopropyltoluene     | Ave           | 1.805   | 1.748  |         | 10.2           | 10.5            | -3.2  | 30.0      |
| 1,3-Dichlorobenzene    | Ave           | 1.045   | 1.066  |         | 10.4           | 10.2            | 2.0   | 30.0      |
| 1,4-Dichlorobenzene    | Ave           | 1.088   | 1.068  |         | 10.2           | 10.4            | -1.8  | 30.0      |
| Benzyl chloride        | Ave           | 1.221   | 1.265  |         | 10.5           | 10.2            | 3.6   | 30.0      |
| n-Butylbenzene         | Ave           | 1.614   | 1.607  |         | 10.5           | 10.5            | -0.5  | 30.0      |
| n-Undecane             | Ave           | 0.8504  | 0.8379 |         | 10.6           | 10.7            | -1.5  | 30.0      |
| 1,2-Dichlorobenzene    | Ave           | 1.015   | 0.9635 |         | 10.2           | 10.8            | -5.1  | 30.0      |
| n-Dodecane             | Ave           | 0.7691  | 0.6923 |         | 9.58           | 10.6            | -10.0 | 30.0      |
| 1,2,4-Trichlorobenzene | Ave           | 0.8107  | 0.8808 |         | 11.9           | 11.0            | 8.7   | 30.0      |
| Hexachlorobutadiene    | Ave           | 1.038   | 1.006  |         | 10.5           | 10.8            | -3.1  | 30.0      |
| Naphthalene            | Ave           | 1.507   | 1.539  |         | 10.7           | 10.5            | 2.2   | 30.0      |
| 1,2,3-Trichlorobenzene | Ave           | 0.5740  | 0.6121 |         | 11.6           | 10.9            | 6.6   | 30.0      |



FORM VII  
AIR - GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-56158-1  
 SDG No.: \_\_\_\_\_  
 Lab Sample ID: CCVIS 200-161395/2 Calibration Date: 11/23/2020 10:23  
 Instrument ID: CHC.i Calib Start Date: 10/22/2020 17:37  
 GC Column: RTX-624 ID: 0.32 (mm) Calib End Date: 10/23/2020 01:45  
 Lab File ID: 43776-02.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        | 0.7440  | 0.7525 |         | 10.4        | 10.3         | 1.1   | 30.0   |
| Dichlorodifluoromethane       | Ave        | 3.341   | 3.887  |         | 12.1        | 10.4         | 16.4  | 30.0   |
| Freon 22                      | Ave        | 1.496   | 1.743  |         | 12.2        | 10.5         | 16.4  | 30.0   |
| 1,2-Dichlorotetrafluoroethane | Ave        | 2.668   | 3.028  |         | 11.8        | 10.4         | 13.5  | 30.0   |
| Chloromethane                 | Ave        | 0.5431  | 0.5975 |         | 12.0        | 10.9         | 10.0  | 30.0   |
| n-Butane                      | Ave        | 0.8312  | 0.998  |         | 12.4        | 10.4         | 20.1  | 30.0   |
| Vinyl chloride                | Ave        | 0.7351  | 0.7276 |         | 10.3        | 10.4         | -1.0  | 30.0   |
| 1,3-Butadiene                 | Ave        | 0.5530  | 0.5327 |         | 9.75        | 10.1         | -3.7  | 30.0   |
| Bromomethane                  | Ave        | 0.7733  | 0.7930 |         | 10.6        | 10.3         | 2.5   | 30.0   |
| Chloroethane                  | Ave        | 0.2857  | 0.3130 |         | 11.4        | 10.4         | 9.6   | 30.0   |
| Isopentane                    | Ave        | 0.5848  | 0.6676 |         | 11.9        | 10.4         | 14.2  | 30.0   |
| Bromoethene (Vinyl Bromide)   | Ave        | 0.8045  | 0.8373 |         | 10.8        | 10.4         | 4.1   | 30.0   |
| Trichlorofluoromethane        | Ave        | 2.765   | 3.229  |         | 12.3        | 10.6         | 16.8  | 30.0   |
| n-Pentane                     | Ave        | 0.8786  | 1.040  |         | 12.0        | 10.1         | 18.4  | 30.0   |
| Ethanol                       | Ave        | 0.2723  | 0.3179 |         | 17.5        | 15.0         | 16.7  | 30.0   |
| Ethyl ether                   | Ave        | 0.4420  | 0.4994 |         | 11.4        | 10.1         | 13.0  | 30.0   |
| Acrolein                      | Ave        | 0.2230  | 0.2632 |         | 11.5        | 9.72         | 18.0  | 30.0   |
| Freon TF                      | Ave        | 1.900   | 2.153  |         | 11.9        | 10.5         | 13.3  | 30.0   |
| 1,1-Dichloroethene            | Ave        | 0.8683  | 0.8847 |         | 10.5        | 10.3         | 1.9   | 30.0   |
| Acetone                       | Ave        | 0.9571  | 1.234  |         | 13.2        | 10.2         | 28.9  | 30.0   |
| Carbon disulfide              | Ave        | 2.093   | 2.314  |         | 11.2        | 10.2         | 10.6  | 30.0   |
| Isopropyl alcohol             | Ave        | 1.002   | 1.145  |         | 11.7        | 10.2         | 14.3  | 30.0   |
| 3-Chloropropene               | Ave        | 0.7469  | 0.9615 |         | 13.7        | 10.6         | 28.7  | 30.0   |
| Acetonitrile                  | Ave        | 0.3738  | 0.4485 |         | 11.9        | 9.90         | 20.0  | 30.0   |
| Methylene Chloride            | Ave        | 0.7789  | 0.9541 |         | 12.6        | 10.3         | 22.5  | 30.0   |
| tert-Butyl alcohol            | Ave        | 1.604   | 1.664  |         | 11.2        | 10.8         | 3.7   | 30.0   |
| Methyl tert-butyl ether       | Ave        | 2.556   | 2.807  |         | 11.5        | 10.4         | 9.8   | 30.0   |
| trans-1,2-Dichloroethene      | Ave        | 1.191   | 1.346  |         | 11.5        | 10.2         | 13.1  | 30.0   |
| Acrylonitrile                 | Ave        | 0.4174  | 0.4682 |         | 11.3        | 10.1         | 12.2  | 30.0   |
| n-Hexane                      | Ave        | 1.069   | 1.138  |         | 11.3        | 10.6         | 6.5   | 30.0   |
| 1,1-Dichloroethane            | Ave        | 1.567   | 1.626  |         | 10.4        | 10.0         | 3.7   | 30.0   |
| Vinyl acetate                 | Ave        | 1.570   | 2.096  |         | 13.9        | 10.4         | 33.6* | 30.0   |
| cis-1,2-Dichloroethene        | Ave        | 1.227   | 1.127  |         | 9.28        | 10.1         | -8.1  | 30.0   |
| Methyl Ethyl Ketone           | Ave        | 0.4458  | 0.4436 |         | 10.3        | 10.3         | -0.5  | 30.0   |
| Ethyl acetate                 | Ave        | 0.0859  | 0.0875 |         | 10.3        | 10.1         | 1.9   | 30.0   |
| Tetrahydrofuran               | Ave        | 0.1404  | 0.1669 |         | 11.9        | 9.99         | 18.9  | 30.0   |
| Chloroform                    | Ave        | 2.617   | 2.736  |         | 10.6        | 10.1         | 4.5   | 30.0   |
| 1,1,1-Trichloroethane         | Ave        | 0.5228  | 0.5868 |         | 11.4        | 10.2         | 12.3  | 30.0   |
| Cyclohexane                   | Ave        | 0.2547  | 0.2570 |         | 10.2        | 10.1         | 0.9   | 30.0   |
| Carbon tetrachloride          | Ave        | 0.5875  | 0.6766 |         | 11.7        | 10.2         | 15.2  | 30.0   |

FORM VII  
AIR - GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-56158-1  
 SDG No.: \_\_\_\_\_  
 Lab Sample ID: CCVIS 200-161395/2 Calibration Date: 11/23/2020 10:23  
 Instrument ID: CHC.i Calib Start Date: 10/22/2020 17:37  
 GC Column: RTX-624 ID: 0.32 (mm) Calib End Date: 10/23/2020 01:45  
 Lab File ID: 43776-02.D Conc. Units: ppb v/v Heated Purge: (Y/N) N

| ANALYTE                             | CURVE<br>TYPE | AVE RRF | RRF    | MIN RRF | CALC<br>AMOUNT | SPIKE<br>AMOUNT | %D    | MAX<br>%D |
|-------------------------------------|---------------|---------|--------|---------|----------------|-----------------|-------|-----------|
| Benzene                             | Ave           | 0.6393  | 0.6258 |         | 10.1           | 10.3            | -2.1  | 30.0      |
| 2,2,4-Trimethylpentane              | Ave           | 0.8862  | 0.8877 |         | 10.5           | 10.5            | 0.2   | 30.0      |
| 1,2-Dichloroethane                  | Ave           | 0.3102  | 0.3640 |         | 12.2           | 10.4            | 17.3  | 30.0      |
| n-Heptane                           | Ave           | 0.3177  | 0.3345 |         | 11.1           | 10.5            | 5.3   | 30.0      |
| n-Butanol                           | Ave           | 0.1632  | 0.1265 |         | 7.40           | 9.55            | -22.5 | 30.0      |
| Trichloroethene                     | Ave           | 0.4002  | 0.3631 |         | 9.55           | 10.5            | -9.3  | 30.0      |
| 1,2-Dichloropropane                 | Ave           | 0.2866  | 0.2503 |         | 9.00           | 10.3            | -12.7 | 30.0      |
| Methyl methacrylate                 | Ave           | 0.2942  | 0.2602 |         | 8.99           | 10.2            | -11.5 | 30.0      |
| Dibromomethane                      | Ave           | 0.5459  | 0.4578 |         | 8.64           | 10.3            | -16.1 | 30.0      |
| 1,4-Dioxane                         | Ave           | 0.1642  | 0.1424 |         | 9.18           | 10.6            | -13.2 | 30.0      |
| Bromodichloromethane                | Ave           | 0.6676  | 0.6664 |         | 10.5           | 10.6            | -0.2  | 30.0      |
| cis-1,3-Dichloropropene             | Ave           | 0.5923  | 0.5463 |         | 9.58           | 10.4            | -7.8  | 30.0      |
| methyl isobutyl ketone              | Ave           | 0.6258  | 0.5924 |         | 9.69           | 10.2            | -5.3  | 30.0      |
| Toluene                             | Ave           | 0.6248  | 0.5809 |         | 9.44           | 10.2            | -7.0  | 30.0      |
| n-Octane                            | Ave           | 0.6669  | 0.6227 |         | 9.64           | 10.3            | -6.6  | 30.0      |
| trans-1,3-Dichloropropene           | Ave           | 0.5511  | 0.5391 |         | 9.66           | 9.88            | -2.2  | 30.0      |
| 1,1,2-Trichloroethane               | Ave           | 0.2947  | 0.2698 |         | 9.59           | 10.5            | -8.4  | 30.0      |
| Tetrachloroethene                   | Ave           | 0.6803  | 0.5976 |         | 9.22           | 10.5            | -12.2 | 30.0      |
| Methyl Butyl Ketone<br>(2-Hexanone) | Ave           | 0.5434  | 0.5123 |         | 9.42           | 9.99            | -5.7  | 30.0      |
| Dibromochloromethane                | Ave           | 0.7576  | 0.7696 |         | 9.83           | 9.68            | 1.6   | 30.0      |
| 1,2-Dibromoethane                   | Ave           | 0.5738  | 0.5417 |         | 10.0           | 10.6            | -5.6  | 30.0      |
| Chlorobenzene                       | Ave           | 0.8948  | 0.8263 |         | 9.69           | 10.5            | -7.7  | 30.0      |
| Ethylbenzene                        | Ave           | 1.427   | 1.387  |         | 9.93           | 10.2            | -2.8  | 30.0      |
| n-Nonane                            | Ave           | 0.5906  | 0.5680 |         | 10.1           | 10.5            | -3.8  | 30.0      |
| m,p-Xylene                          | Ave           | 0.5532  | 0.5320 |         | 19.8           | 20.6            | -3.8  | 30.0      |
| Xylene, o-                          | Ave           | 0.5526  | 0.5163 |         | 9.68           | 10.4            | -6.6  | 30.0      |
| Styrene                             | Ave           | 0.8927  | 0.8313 |         | 9.61           | 10.3            | -6.9  | 30.0      |
| Bromoform                           | Ave           | 0.7415  | 0.8501 |         | 11.8           | 10.3            | 14.7  | 30.0      |
| Cumene                              | Ave           | 1.686   | 1.650  |         | 10.2           | 10.4            | -2.1  | 30.0      |
| 1,1,2,2-Tetrachloroethane           | Ave           | 0.7755  | 0.7290 |         | 9.72           | 10.3            | -6.0  | 30.0      |
| 1,2,3-Trichloropropane              | Ave           | 0.6033  | 0.6105 |         | 10.7           | 10.6            | 1.2   | 30.0      |
| n-Propylbenzene                     | Ave           | 1.919   | 1.893  |         | 10.3           | 10.4            | -1.4  | 30.0      |
| 2-Chlorotoluene                     | Ave           | 1.335   | 1.372  |         | 10.7           | 10.4            | 2.8   | 30.0      |
| 4-Ethyltoluene                      | Ave           | 1.670   | 1.690  |         | 10.5           | 10.3            | 1.2   | 30.0      |
| n-Decane                            | Ave           | 0.7682  | 0.7682 |         | 10.4           | 10.4            | 0.0   | 30.0      |
| 1,3,5-Trimethylbenzene              | Ave           | 1.388   | 1.417  |         | 10.6           | 10.4            | 2.0   | 30.0      |
| Alpha Methyl Styrene                | Ave           | 0.7585  | 0.7205 |         | 9.69           | 10.2            | -5.0  | 30.0      |
| tert-Butylbenzene                   | Ave           | 1.397   | 1.445  |         | 10.7           | 10.4            | 3.4   | 30.0      |
| 1,2,4-Trimethylbenzene              | Ave           | 1.414   | 1.461  |         | 10.7           | 10.4            | 3.3   | 30.0      |
| sec-Butylbenzene                    | Ave           | 2.087   | 2.117  |         | 10.6           | 10.5            | 1.5   | 30.0      |

FORM VII  
AIR - GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-56158-1  
 SDG No.: \_\_\_\_\_  
 Lab Sample ID: CCVIS 200-161395/2 Calibration Date: 11/23/2020 10:23  
 Instrument ID: CHC.i Calib Start Date: 10/22/2020 17:37  
 GC Column: RTX-624 ID: 0.32 (mm) Calib End Date: 10/23/2020 01:45  
 Lab File ID: 43776-02.D Conc. Units: ppb v/v Heated Purge: (Y/N) N

| ANALYTE                | CURVE<br>TYPE | AVE RRF | RRF    | MIN RRF | CALC<br>AMOUNT | SPIKE<br>AMOUNT | %D   | MAX<br>%D |
|------------------------|---------------|---------|--------|---------|----------------|-----------------|------|-----------|
| 4-Isopropyltoluene     | Ave           | 1.805   | 1.837  |         | 10.5           | 10.3            | 1.7  | 30.0      |
| 1,3-Dichlorobenzene    | Ave           | 1.045   | 1.040  |         | 10.5           | 10.6            | -0.5 | 30.0      |
| 1,4-Dichlorobenzene    | Ave           | 1.088   | 1.071  |         | 10.3           | 10.5            | -1.5 | 30.0      |
| Benzyl chloride        | Ave           | 1.221   | 1.155  |         | 10.0           | 10.6            | -5.4 | 30.0      |
| n-Butylbenzene         | Ave           | 1.614   | 1.676  |         | 10.8           | 10.4            | 3.8  | 30.0      |
| n-Undecane             | Ave           | 0.8504  | 0.8637 |         | 10.6           | 10.5            | 1.6  | 30.0      |
| 1,2-Dichlorobenzene    | Ave           | 1.015   | 1.017  |         | 10.5           | 10.4            | 0.2  | 30.0      |
| n-Dodecane             | Ave           | 0.7691  | 0.7111 |         | 8.65           | 9.36            | -7.5 | 30.0      |
| 1,2,4-Trichlorobenzene | Ave           | 0.8107  | 0.8222 |         | 11.0           | 10.9            | 1.4  | 30.0      |
| Hexachlorobutadiene    | Ave           | 1.038   | 1.110  |         | 11.0           | 10.3            | 6.9  | 30.0      |
| Naphthalene            | Ave           | 1.507   | 1.508  |         | 9.73           | 9.72            | 0.1  | 30.0      |
| 1,2,3-Trichlorobenzene | Ave           | 0.5740  | 0.6701 |         | 10.6           | 9.12            | 16.7 | 30.0      |

FORM VII  
AIR - GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-56177-1  
 SDG No.: \_\_\_\_\_  
 Lab Sample ID: ICV 200-160253/16 Calibration Date: 10/22/2020 03:27  
 Instrument ID: CHX.i Calib Start Date: 10/21/2020 16:49  
 GC Column: RTX-624 ID: 0.32 (mm) Calib End Date: 10/22/2020 00:48  
 Lab File ID: 43321-16.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        | 0.6351  | 0.6852 |         | 10.9        | 10.1         | 7.9   | 30.0   |
| Dichlorodifluoromethane       | Ave        | 2.415   | 2.238  |         | 9.80        | 10.6         | -7.3  | 30.0   |
| Freon 22                      | Ave        | 1.378   | 1.407  |         | 10.8        | 10.6         | 2.1   | 30.0   |
| 1,2-Dichlorotetrafluoroethane | Ave        | 2.752   | 2.656  |         | 10.2        | 10.6         | -3.5  | 30.0   |
| Chloromethane                 | Ave        | 0.7667  | 0.8543 |         | 11.1        | 9.94         | 11.4  | 30.0   |
| n-Butane                      | Ave        | 2.098   | 2.045  |         | 10.0        | 10.3         | -2.5  | 30.0   |
| Vinyl chloride                | Ave        | 1.575   | 1.453  |         | 9.21        | 9.99         | -7.8  | 30.0   |
| 1,3-Butadiene                 | Ave        | 1.282   | 1.169  |         | 8.84        | 9.70         | -8.8  | 30.0   |
| Bromomethane                  | Ave        | 1.232   | 1.175  |         | 9.92        | 10.4         | -4.6  | 30.0   |
| Chloroethane                  | Ave        | 0.7011  | 0.6623 |         | 9.98        | 10.6         | -5.5  | 30.0   |
| Isopentane                    | Ave        | 1.618   | 1.576  |         | 10.2        | 10.4         | -2.6  | 30.0   |
| Bromoethene (Vinyl Bromide)   | Ave        | 1.401   | 1.346  |         | 9.65        | 10.0         | -3.9  | 30.0   |
| Trichlorofluoromethane        | Ave        | 3.047   | 3.063  |         | 10.5        | 10.4         | 0.5   | 30.0   |
| n-Pentane                     | Ave        | 2.223   | 2.188  |         | 10.0        | 10.2         | -1.6  | 30.0   |
| Ethanol                       | Ave        | 0.6915  | 0.6425 |         | 13.9        | 15.0         | -7.1  | 30.0   |
| Ethyl ether                   | Ave        | 0.9618  | 0.8903 |         | 9.47        | 10.2         | -7.4  | 30.0   |
| Acrolein                      | Ave        | 0.5246  | 0.5436 |         | 10.1        | 9.71         | 3.6   | 30.0   |
| 1,1-Dichloroethene            | Ave        | 1.444   | 1.307  |         | 9.22        | 10.2         | -9.5  | 30.0   |
| Freon TF                      | Ave        | 2.793   | 2.678  |         | 10.2        | 10.7         | -4.1  | 30.0   |
| Acetone                       | Ave        | 2.058   | 2.096  |         | 10.6        | 10.4         | 1.8   | 30.0   |
| Isopropyl alcohol             | Ave        | 2.360   | 2.406  |         | 10.4        | 10.2         | 2.0   | 30.0   |
| Carbon disulfide              | Ave        | 3.791   | 3.681  |         | 10.1        | 10.4         | -2.9  | 30.0   |
| Acetonitrile                  | Ave        | 0.9783  | 0.9732 |         | 9.67        | 9.72         | -0.5  | 30.0   |
| 3-Chloropropene               | Ave        | 1.836   | 1.770  |         | 10.3        | 10.7         | -3.6  | 30.0   |
| Methylene Chloride            | Ave        | 1.675   | 1.621  |         | 9.92        | 10.2         | -3.2  | 30.0   |
| tert-Butyl alcohol            | Ave        | 2.833   | 2.793  |         | 10.6        | 10.8         | -1.4  | 30.0   |
| Acrylonitrile                 | Ave        | 1.043   | 1.042  |         | 10.2        | 10.2         | -0.2  | 30.0   |
| Methyl tert-butyl ether       | Ave        | 4.240   | 4.028  |         | 10.0        | 10.6         | -5.0  | 30.0   |
| trans-1,2-Dichloroethene      | Ave        | 2.355   | 2.093  |         | 9.18        | 10.3         | -11.1 | 30.0   |
| n-Hexane                      | Ave        | 2.356   | 2.247  |         | 9.98        | 10.5         | -4.6  | 30.0   |
| Vinyl acetate                 | Ave        | 3.600   | 3.682  |         | 10.3        | 10.1         | 2.3   | 30.0   |
| 1,1-Dichloroethane            | Ave        | 3.005   | 2.587  |         | 8.84        | 10.3         | -13.9 | 30.0   |
| Methyl Ethyl Ketone           | Ave        | 0.8923  | 0.7571 |         | 8.79        | 10.4         | -15.1 | 30.0   |
| cis-1,2-Dichloroethene        | Ave        | 1.708   | 1.468  |         | 8.91        | 10.4         | -14.0 | 30.0   |
| Ethyl acetate                 | Ave        | 0.1301  | 0.1283 |         | 10.1        | 10.2         | -1.4  | 30.0   |
| Tetrahydrofuran               | Ave        | 0.3628  | 0.3535 |         | 9.56        | 9.81         | -2.6  | 30.0   |
| Chloroform                    | Ave        | 3.161   | 2.928  |         | 9.56        | 10.3         | -7.4  | 30.0   |
| 1,1,1-Trichloroethane         | Ave        | 0.6421  | 0.6013 |         | 9.66        | 10.3         | -6.3  | 30.0   |
| Cyclohexane                   | Ave        | 0.4298  | 0.4006 |         | 9.52        | 10.2         | -6.8  | 30.0   |
| Carbon tetrachloride          | Ave        | 0.6938  | 0.6452 |         | 9.34        | 10.0         | -7.0  | 30.0   |

FORM VII  
AIR - GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-56177-1  
 SDG No.: \_\_\_\_\_  
 Lab Sample ID: ICV 200-160253/16 Calibration Date: 10/22/2020 03:27  
 Instrument ID: CHX.i Calib Start Date: 10/21/2020 16:49  
 GC Column: RTX-624 ID: 0.32 (mm) Calib End Date: 10/22/2020 00:48  
 Lab File ID: 43321-16.D Conc. Units: ppb v/v Heated Purge: (Y/N) N

| ANALYTE                             | CURVE<br>TYPE | AVE RRF | RRF    | MIN RRF | CALC<br>AMOUNT | SPIKE<br>AMOUNT | %D    | MAX<br>%D |
|-------------------------------------|---------------|---------|--------|---------|----------------|-----------------|-------|-----------|
| Benzene                             | Ave           | 0.9831  | 0.9094 |         | 9.61           | 10.4            | -7.5  | 30.0      |
| 1,2-Dichloroethane                  | Ave           | 0.4192  | 0.3848 |         | 9.60           | 10.5            | -8.2  | 30.0      |
| 2,2,4-Trimethylpentane              | Ave           | 1.587   | 1.542  |         | 9.85           | 10.1            | -2.8  | 30.0      |
| n-Heptane                           | Ave           | 0.5854  | 0.5623 |         | 9.90           | 10.3            | -3.9  | 30.0      |
| n-Butanol                           | Ave           | 0.2382  | 0.2242 |         | 8.57           | 9.11            | -5.9  | 30.0      |
| Trichloroethene                     | Ave           | 0.4556  | 0.4085 |         | 9.23           | 10.3            | -10.3 | 30.0      |
| 1,2-Dichloropropane                 | Ave           | 0.3819  | 0.3522 |         | 9.54           | 10.3            | -7.8  | 30.0      |
| Methyl methacrylate                 | Ave           | 0.3576  | 0.3367 |         | 9.61           | 10.2            | -5.8  | 30.0      |
| 1,4-Dioxane                         | Ave           | 0.1877  | 0.1881 |         | 10.3           | 10.3            | 0.2   | 30.0      |
| Dibromomethane                      | Ave           | 0.4322  | 0.4067 |         | 9.73           | 10.3            | -5.9  | 30.0      |
| Bromodichloromethane                | Ave           | 0.6535  | 0.6365 |         | 10.0           | 10.3            | -2.6  | 30.0      |
| cis-1,3-Dichloropropene             | Ave           | 0.5849  | 0.5866 |         | 9.97           | 9.94            | 0.3   | 30.0      |
| methyl isobutyl ketone              | Ave           | 0.7941  | 0.7551 |         | 9.69           | 10.2            | -4.9  | 30.0      |
| Toluene                             | Ave           | 0.8409  | 0.7845 |         | 9.51           | 10.2            | -6.7  | 30.0      |
| n-Octane                            | Ave           | 0.8198  | 0.7860 |         | 9.87           | 10.3            | -4.1  | 30.0      |
| trans-1,3-Dichloropropene           | Ave           | 0.5067  | 0.4922 |         | 9.57           | 9.85            | -2.9  | 30.0      |
| 1,1,2-Trichloroethane               | Ave           | 0.4113  | 0.3772 |         | 9.62           | 10.5            | -8.3  | 30.0      |
| Tetrachloroethene                   | Ave           | 0.7611  | 0.6537 |         | 8.99           | 10.5            | -14.1 | 30.0      |
| Methyl Butyl Ketone<br>(2-Hexanone) | Ave           | 0.8744  | 0.7995 |         | 9.24           | 10.1            | -8.6  | 30.0      |
| Dibromochloromethane                | Ave           | 0.8124  | 0.7227 |         | 9.43           | 10.6            | -11.0 | 30.0      |
| 1,2-Dibromoethane                   | Ave           | 0.6542  | 0.6206 |         | 10.1           | 10.7            | -5.1  | 30.0      |
| Chlorobenzene                       | Ave           | 1.053   | 0.9882 |         | 9.85           | 10.5            | -6.2  | 30.0      |
| Ethylbenzene                        | Ave           | 1.813   | 1.703  |         | 9.61           | 10.2            | -6.1  | 30.0      |
| m,p-Xylene                          | Ave           | 0.6935  | 0.6832 |         | 19.7           | 20.0            | -1.5  | 30.0      |
| n-Nonane                            | Ave           | 0.9099  | 0.8629 |         | 9.93           | 10.5            | -5.2  | 30.0      |
| Xylene, o-                          | Ave           | 0.6791  | 0.6442 |         | 9.83           | 10.4            | -5.1  | 30.0      |
| Styrene                             | Ave           | 0.9846  | 0.9631 |         | 10.1           | 10.3            | -2.2  | 30.0      |
| Bromoform                           | Ave           | 0.6316  | 0.6397 |         | 10.4           | 10.3            | 1.3   | 30.0      |
| Cumene                              | Ave           | 1.986   | 1.893  |         | 9.97           | 10.5            | -4.7  | 30.0      |
| 1,1,2,2-Tetrachloroethane           | Ave           | 1.014   | 0.9485 |         | 9.68           | 10.3            | -6.4  | 30.0      |
| 1,2,3-Trichloropropane              | Ave           | 0.7641  | 0.7194 |         | 10.0           | 10.6            | -5.9  | 30.0      |
| n-Propylbenzene                     | Ave           | 2.255   | 2.200  |         | 10.1           | 10.4            | -2.4  | 30.0      |
| 2-Chlorotoluene                     | Ave           | 1.440   | 1.366  |         | 9.89           | 10.4            | -5.2  | 30.0      |
| 4-Ethyltoluene                      | Ave           | 1.823   | 1.795  |         | 10.1           | 10.2            | -1.5  | 30.0      |
| 1,3,5-Trimethylbenzene              | Ave           | 1.630   | 1.558  |         | 10.0           | 10.5            | -4.4  | 30.0      |
| n-Decane                            | Ave           | 1.099   | 1.074  |         | 10.1           | 10.3            | -2.2  | 30.0      |
| Alpha Methyl Styrene                | Ave           | 0.7442  | 0.7484 |         | 10.2           | 10.2            | 0.6   | 30.0      |
| tert-Butylbenzene                   | Ave           | 1.650   | 1.570  |         | 9.90           | 10.4            | -4.8  | 30.0      |
| 1,2,4-Trimethylbenzene              | Ave           | 1.566   | 1.497  |         | 9.98           | 10.4            | -4.4  | 30.0      |
| sec-Butylbenzene                    | Ave           | 2.336   | 2.242  |         | 10.0           | 10.5            | -4.0  | 30.0      |

FORM VII  
AIR - GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-56177-1  
 SDG No.: \_\_\_\_\_  
 Lab Sample ID: ICV 200-160253/16 Calibration Date: 10/22/2020 03:27  
 Instrument ID: CHX.i Calib Start Date: 10/21/2020 16:49  
 GC Column: RTX-624 ID: 0.32 (mm) Calib End Date: 10/22/2020 00:48  
 Lab File ID: 43321-16.D Conc. Units: ppb v/v Heated Purge: (Y/N) N

| ANALYTE                | CURVE<br>TYPE | AVE RRF | RRF    | MIN RRF | CALC<br>AMOUNT | SPIKE<br>AMOUNT | %D    | MAX<br>%D |
|------------------------|---------------|---------|--------|---------|----------------|-----------------|-------|-----------|
| 1,3-Dichlorobenzene    | Ave           | 0.7728  | 0.7917 |         | 10.4           | 10.2            | 2.4   | 30.0      |
| 4-Isopropyltoluene     | Ave           | 1.906   | 1.800  |         | 9.92           | 10.5            | -5.5  | 30.0      |
| 1,4-Dichlorobenzene    | Ave           | 0.6709  | 0.6671 |         | 10.3           | 10.4            | -0.6  | 30.0      |
| Benzyl chloride        | Ave           | 0.8241  | 0.8713 |         | 10.7           | 10.2            | 5.7   | 30.0      |
| n-Butylbenzene         | Ave           | 1.592   | 1.511  |         | 9.97           | 10.5            | -5.1  | 30.0      |
| 1,2-Dichlorobenzene    | Ave           | 0.8306  | 0.7780 |         | 10.1           | 10.8            | -6.3  | 30.0      |
| n-Undecane             | Ave           | 1.103   | 1.022  |         | 9.93           | 10.7            | -7.4  | 30.0      |
| n-Dodecane             | Ave           | 1.085   | 0.8837 |         | 8.66           | 10.6            | -18.6 | 30.0      |
| 1,2,4-Trichlorobenzene | Ave           | 0.3583  | 0.3324 |         | 10.2           | 11.0            | -7.2  | 30.0      |
| Hexachlorobutadiene    | Ave           | 0.9682  | 0.8559 |         | 9.59           | 10.8            | -11.6 | 30.0      |
| Naphthalene            | Ave           | 0.9365  | 0.7983 |         | 8.95           | 10.5            | -14.8 | 30.0      |
| 1,2,3-Trichlorobenzene | Ave           | 0.4681  | 0.3588 |         | 8.32           | 10.9            | -23.4 | 30.0      |

FORM VII  
AIR - GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-56177-1  
 SDG No.: \_\_\_\_\_  
 Lab Sample ID: CCVIS 200-161394/2 Calibration Date: 11/23/2020 10:02  
 Instrument ID: CHX.i Calib Start Date: 10/21/2020 16:49  
 GC Column: RTX-624 ID: 0.32 (mm) Calib End Date: 10/22/2020 00:48  
 Lab File ID: 43775-02.D Conc. Units: ppb v/v Heated Purge: (Y/N) N

| ANALYTE                       | CURVE<br>TYPE | AVE RRF | RRF    | MIN RRF | CALC<br>AMOUNT | SPIKE<br>AMOUNT | %D    | MAX<br>%D |
|-------------------------------|---------------|---------|--------|---------|----------------|-----------------|-------|-----------|
| Propylene                     | Ave           | 0.6351  | 0.6274 |         | 10.2           | 10.3            | -1.2  | 30.0      |
| Dichlorodifluoromethane       | Ave           | 2.415   | 2.467  |         | 10.7           | 10.4            | 2.2   | 30.0      |
| Freon 22                      | Ave           | 1.378   | 1.552  |         | 11.8           | 10.5            | 12.6  | 30.0      |
| 1,2-Dichlorotetrafluoroethane | Ave           | 2.752   | 3.177  |         | 12.0           | 10.4            | 15.5  | 30.0      |
| Chloromethane                 | Ave           | 0.7667  | 0.8998 |         | 12.8           | 10.9            | 17.4  | 30.0      |
| n-Butane                      | Ave           | 2.098   | 1.917  |         | 9.47           | 10.4            | -8.6  | 30.0      |
| Vinyl chloride                | Ave           | 1.575   | 1.306  |         | 8.61           | 10.4            | -17.1 | 30.0      |
| 1,3-Butadiene                 | Ave           | 1.282   | 1.049  |         | 8.28           | 10.1            | -18.2 | 30.0      |
| Bromomethane                  | Ave           | 1.232   | 1.150  |         | 9.62           | 10.3            | -6.7  | 30.0      |
| Chloroethane                  | Ave           | 0.7011  | 0.6296 |         | 9.33           | 10.4            | -10.2 | 30.0      |
| Isopentane                    | Ave           | 1.618   | 1.458  |         | 9.41           | 10.4            | -9.9  | 30.0      |
| Bromoethene (Vinyl Bromide)   | Ave           | 1.401   | 1.101  |         | 8.19           | 10.4            | -21.4 | 30.0      |
| Trichlorofluoromethane        | Ave           | 3.047   | 2.911  |         | 10.1           | 10.6            | -4.5  | 30.0      |
| n-Pentane                     | Ave           | 2.223   | 2.067  |         | 9.42           | 10.1            | -7.0  | 30.0      |
| Ethanol                       | Ave           | 0.6915  | 0.7011 |         | 15.2           | 15.0            | 1.4   | 30.0      |
| Ethyl ether                   | Ave           | 0.9618  | 0.8609 |         | 9.02           | 10.1            | -10.5 | 30.0      |
| Acrolein                      | Ave           | 0.5246  | 0.4572 |         | 8.47           | 9.72            | -12.9 | 30.0      |
| 1,1-Dichloroethene            | Ave           | 1.444   | 1.223  |         | 8.71           | 10.3            | -15.3 | 30.0      |
| Freon TF                      | Ave           | 2.793   | 2.552  |         | 9.58           | 10.5            | -8.6  | 30.0      |
| Acetone                       | Ave           | 2.058   | 2.021  |         | 10.1           | 10.2            | -1.8  | 30.0      |
| Isopropyl alcohol             | Ave           | 2.360   | 2.364  |         | 10.2           | 10.2            | 0.2   | 30.0      |
| Carbon disulfide              | Ave           | 3.791   | 3.598  |         | 9.64           | 10.2            | -5.1  | 30.0      |
| Acetonitrile                  | Ave           | 0.9783  | 0.9171 |         | 9.28           | 9.90            | -6.2  | 30.0      |
| 3-Chloropropene               | Ave           | 1.836   | 1.625  |         | 9.42           | 10.6            | -11.5 | 30.0      |
| Methylene Chloride            | Ave           | 1.675   | 1.475  |         | 9.05           | 10.3            | -11.9 | 30.0      |
| tert-Butyl alcohol            | Ave           | 2.833   | 2.722  |         | 10.4           | 10.8            | -3.9  | 30.0      |
| Acrylonitrile                 | Ave           | 1.043   | 0.9400 |         | 9.11           | 10.1            | -9.9  | 30.0      |
| Methyl tert-butyl ether       | Ave           | 4.240   | 3.829  |         | 9.44           | 10.4            | -9.7  | 30.0      |
| trans-1,2-Dichloroethene      | Ave           | 2.355   | 1.975  |         | 8.55           | 10.2            | -16.1 | 30.0      |
| n-Hexane                      | Ave           | 2.356   | 2.076  |         | 9.33           | 10.6            | -11.9 | 30.0      |
| Vinyl acetate                 | Ave           | 3.600   | 2.969  |         | 8.57           | 10.4            | -17.5 | 30.0      |
| 1,1-Dichloroethane            | Ave           | 3.005   | 2.447  |         | 8.14           | 10.0            | -18.6 | 30.0      |
| Methyl Ethyl Ketone           | Ave           | 0.8923  | 0.7001 |         | 8.11           | 10.3            | -21.5 | 30.0      |
| cis-1,2-Dichloroethene        | Ave           | 1.708   | 1.408  |         | 8.33           | 10.1            | -17.5 | 30.0      |
| Ethyl acetate                 | Ave           | 0.1301  | 0.1194 |         | 9.29           | 10.1            | -8.2  | 30.0      |
| Tetrahydrofuran               | Ave           | 0.3628  | 0.3285 |         | 9.04           | 9.99            | -9.5  | 30.0      |
| Chloroform                    | Ave           | 3.161   | 2.822  |         | 9.02           | 10.1            | -10.7 | 30.0      |
| 1,1,1-Trichloroethane         | Ave           | 0.6421  | 0.5834 |         | 9.26           | 10.2            | -9.1  | 30.0      |
| Cyclohexane                   | Ave           | 0.4298  | 0.3801 |         | 8.97           | 10.1            | -11.6 | 30.0      |
| Carbon tetrachloride          | Ave           | 0.6938  | 0.5946 |         | 8.71           | 10.2            | -14.3 | 30.0      |

FORM VII  
AIR - GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-56177-1

SDG No.: \_\_\_\_\_

Lab Sample ID: CCVIS 200-161394/2 Calibration Date: 11/23/2020 10:02

Instrument ID: CHX.i Calib Start Date: 10/21/2020 16:49

GC Column: RTX-624 ID: 0.32 (mm) Calib End Date: 10/22/2020 00:48

Lab File ID: 43775-02.D Conc. Units: ppb v/v Heated Purge: (Y/N) N

| ANALYTE                             | CURVE<br>TYPE | AVE RRF | RRF    | MIN RRF | CALC<br>AMOUNT | SPIKE<br>AMOUNT | %D    | MAX<br>%D |
|-------------------------------------|---------------|---------|--------|---------|----------------|-----------------|-------|-----------|
| Benzene                             | Ave           | 0.9831  | 0.8870 |         | 9.32           | 10.3            | -9.8  | 30.0      |
| 1,2-Dichloroethane                  | Ave           | 0.4192  | 0.3599 |         | 8.89           | 10.4            | -14.1 | 30.0      |
| 2,2,4-Trimethylpentane              | Ave           | 1.587   | 1.423  |         | 9.38           | 10.5            | -10.4 | 30.0      |
| n-Heptane                           | Ave           | 0.5854  | 0.5186 |         | 9.31           | 10.5            | -11.4 | 30.0      |
| n-Butanol                           | Ave           | 0.2382  | 0.2103 |         | 8.43           | 9.55            | -11.7 | 30.0      |
| Trichloroethene                     | Ave           | 0.4556  | 0.3892 |         | 8.99           | 10.5            | -14.6 | 30.0      |
| 1,2-Dichloropropane                 | Ave           | 0.3819  | 0.3327 |         | 8.98           | 10.3            | -12.9 | 30.0      |
| Methyl methacrylate                 | Ave           | 0.3576  | 0.3120 |         | 8.86           | 10.2            | -12.7 | 30.0      |
| 1,4-Dioxane                         | Ave           | 0.1877  | 0.1875 |         | 10.6           | 10.6            | -0.1  | 30.0      |
| Dibromomethane                      | Ave           | 0.4322  | 0.3982 |         | 9.49           | 10.3            | -7.9  | 30.0      |
| Bromodichloromethane                | Ave           | 0.6535  | 0.5926 |         | 9.58           | 10.6            | -9.3  | 30.0      |
| cis-1,3-Dichloropropene             | Ave           | 0.5849  | 0.5240 |         | 9.31           | 10.4            | -10.4 | 30.0      |
| methyl isobutyl ketone              | Ave           | 0.7941  | 0.7053 |         | 9.09           | 10.2            | -11.2 | 30.0      |
| Toluene                             | Ave           | 0.8409  | 0.7515 |         | 9.08           | 10.2            | -10.6 | 30.0      |
| n-Octane                            | Ave           | 0.8198  | 0.7379 |         | 9.30           | 10.3            | -10.0 | 30.0      |
| trans-1,3-Dichloropropene           | Ave           | 0.5067  | 0.4533 |         | 8.84           | 9.88            | -10.5 | 30.0      |
| 1,1,2-Trichloroethane               | Ave           | 0.4113  | 0.3535 |         | 9.00           | 10.5            | -14.1 | 30.0      |
| Tetrachloroethene                   | Ave           | 0.7611  | 0.6037 |         | 8.33           | 10.5            | -20.7 | 30.0      |
| Methyl Butyl Ketone<br>(2-Hexanone) | Ave           | 0.8744  | 0.7277 |         | 8.31           | 9.99            | -16.8 | 30.0      |
| Dibromochloromethane                | Ave           | 0.8124  | 0.6963 |         | 8.29           | 9.68            | -14.3 | 30.0      |
| 1,2-Dibromoethane                   | Ave           | 0.6542  | 0.5720 |         | 9.27           | 10.6            | -12.6 | 30.0      |
| Chlorobenzene                       | Ave           | 1.053   | 0.9085 |         | 9.05           | 10.5            | -13.7 | 30.0      |
| Ethylbenzene                        | Ave           | 1.813   | 1.663  |         | 9.37           | 10.2            | -8.3  | 30.0      |
| m,p-Xylene                          | Ave           | 0.6935  | 0.6210 |         | 18.4           | 20.6            | -10.5 | 30.0      |
| n-Nonane                            | Ave           | 0.9099  | 0.8059 |         | 9.28           | 10.5            | -11.4 | 30.0      |
| Xylene, o-                          | Ave           | 0.6791  | 0.5975 |         | 9.11           | 10.4            | -12.0 | 30.0      |
| Styrene                             | Ave           | 0.9846  | 0.8643 |         | 9.06           | 10.3            | -12.2 | 30.0      |
| Bromoform                           | Ave           | 0.6316  | 0.4976 |         | 8.10           | 10.3            | -21.2 | 30.0      |
| Cumene                              | Ave           | 1.986   | 1.802  |         | 9.46           | 10.4            | -9.3  | 30.0      |
| 1,1,2,2-Tetrachloroethane           | Ave           | 1.014   | 0.8743 |         | 8.92           | 10.3            | -13.7 | 30.0      |
| 1,2,3-Trichloropropane              | Ave           | 0.7641  | 0.6685 |         | 9.26           | 10.6            | -12.5 | 30.0      |
| n-Propylbenzene                     | Ave           | 2.255   | 2.095  |         | 9.66           | 10.4            | -7.1  | 30.0      |
| 2-Chlorotoluene                     | Ave           | 1.440   | 1.281  |         | 9.29           | 10.4            | -11.0 | 30.0      |
| 4-Ethyltoluene                      | Ave           | 1.823   | 1.697  |         | 9.61           | 10.3            | -6.9  | 30.0      |
| 1,3,5-Trimethylbenzene              | Ave           | 1.630   | 1.501  |         | 9.57           | 10.4            | -7.9  | 30.0      |
| n-Decane                            | Ave           | 1.099   | 1.017  |         | 9.64           | 10.4            | -7.4  | 30.0      |
| Alpha Methyl Styrene                | Ave           | 0.7442  | 0.6792 |         | 9.31           | 10.2            | -8.7  | 30.0      |
| tert-Butylbenzene                   | Ave           | 1.650   | 1.497  |         | 9.40           | 10.4            | -9.2  | 30.0      |
| 1,2,4-Trimethylbenzene              | Ave           | 1.566   | 1.432  |         | 9.51           | 10.4            | -8.5  | 30.0      |
| sec-Butylbenzene                    | Ave           | 2.336   | 2.154  |         | 9.64           | 10.5            | -7.8  | 30.0      |



FORM VII  
AIR - GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-56177-1  
 SDG No.: \_\_\_\_\_  
 Lab Sample ID: CCVIS 200-161394/2 Calibration Date: 11/23/2020 10:02  
 Instrument ID: CHX.i Calib Start Date: 10/21/2020 16:49  
 GC Column: RTX-624 ID: 0.32 (mm) Calib End Date: 10/22/2020 00:48  
 Lab File ID: 43775-02.D Conc. Units: ppb v/v Heated Purge: (Y/N) N

| ANALYTE                | CURVE<br>TYPE | AVE RRF | RRF    | MIN RRF | CALC<br>AMOUNT | SPIKE<br>AMOUNT | %D    | MAX<br>%D |
|------------------------|---------------|---------|--------|---------|----------------|-----------------|-------|-----------|
| 1,3-Dichlorobenzene    | Ave           | 0.7728  | 0.7156 |         | 9.80           | 10.6            | -7.4  | 30.0      |
| 4-Isopropyltoluene     | Ave           | 1.906   | 1.771  |         | 9.58           | 10.3            | -7.1  | 30.0      |
| 1,4-Dichlorobenzene    | Ave           | 0.6709  | 0.6282 |         | 9.80           | 10.5            | -6.4  | 30.0      |
| Benzyl chloride        | Ave           | 0.8241  | 0.7406 |         | 9.51           | 10.6            | -10.1 | 30.0      |
| n-Butylbenzene         | Ave           | 1.592   | 1.472  |         | 9.60           | 10.4            | -7.6  | 30.0      |
| 1,2-Dichlorobenzene    | Ave           | 0.8306  | 0.7601 |         | 9.55           | 10.4            | -8.5  | 30.0      |
| n-Undecane             | Ave           | 1.103   | 0.998  |         | 9.46           | 10.5            | -9.5  | 30.0      |
| n-Dodecane             | Ave           | 1.085   | 0.9425 |         | 8.13           | 9.36            | -13.2 | 30.0      |
| 1,2,4-Trichlorobenzene | Ave           | 0.3583  | 0.2989 |         | 9.06           | 10.9            | -16.6 | 30.0      |
| Hexachlorobutadiene    | Ave           | 0.9682  | 0.8399 |         | 8.90           | 10.3            | -13.3 | 30.0      |
| Naphthalene            | Ave           | 0.9365  | 0.7603 |         | 7.89           | 9.72            | -18.8 | 30.0      |
| 1,2,3-Trichlorobenzene | Ave           | 0.4681  | 0.3877 |         | 7.55           | 9.12            | -17.2 | 30.0      |

FORM VII  
AIR - GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-56178-1  
 SDG No.: \_\_\_\_\_  
 Lab Sample ID: ICV 200-160253/16 Calibration Date: 10/22/2020 03:27  
 Instrument ID: CHX.i Calib Start Date: 10/21/2020 16:49  
 GC Column: RTX-624 ID: 0.32 (mm) Calib End Date: 10/22/2020 00:48  
 Lab File ID: 43321-16.D Conc. Units: ppb v/v Heated Purge: (Y/N) N

| ANALYTE                       | CURVE<br>TYPE | AVE RRF | RRF    | MIN RRF | CALC<br>AMOUNT | SPIKE<br>AMOUNT | %D    | MAX<br>%D |
|-------------------------------|---------------|---------|--------|---------|----------------|-----------------|-------|-----------|
| Propylene                     | Ave           | 0.6351  | 0.6852 |         | 10.9           | 10.1            | 7.9   | 30.0      |
| Dichlorodifluoromethane       | Ave           | 2.415   | 2.238  |         | 9.80           | 10.6            | -7.3  | 30.0      |
| Freon 22                      | Ave           | 1.378   | 1.407  |         | 10.8           | 10.6            | 2.1   | 30.0      |
| 1,2-Dichlorotetrafluoroethane | Ave           | 2.752   | 2.656  |         | 10.2           | 10.6            | -3.5  | 30.0      |
| Chloromethane                 | Ave           | 0.7667  | 0.8543 |         | 11.1           | 9.94            | 11.4  | 30.0      |
| n-Butane                      | Ave           | 2.098   | 2.045  |         | 10.0           | 10.3            | -2.5  | 30.0      |
| Vinyl chloride                | Ave           | 1.575   | 1.453  |         | 9.21           | 9.99            | -7.8  | 30.0      |
| 1,3-Butadiene                 | Ave           | 1.282   | 1.169  |         | 8.84           | 9.70            | -8.8  | 30.0      |
| Bromomethane                  | Ave           | 1.232   | 1.175  |         | 9.92           | 10.4            | -4.6  | 30.0      |
| Chloroethane                  | Ave           | 0.7011  | 0.6623 |         | 9.98           | 10.6            | -5.5  | 30.0      |
| Isopentane                    | Ave           | 1.618   | 1.576  |         | 10.2           | 10.4            | -2.6  | 30.0      |
| Bromoethene (Vinyl Bromide)   | Ave           | 1.401   | 1.346  |         | 9.65           | 10.0            | -3.9  | 30.0      |
| Trichlorofluoromethane        | Ave           | 3.047   | 3.063  |         | 10.5           | 10.4            | 0.5   | 30.0      |
| n-Pentane                     | Ave           | 2.223   | 2.188  |         | 10.0           | 10.2            | -1.6  | 30.0      |
| Ethanol                       | Ave           | 0.6915  | 0.6425 |         | 13.9           | 15.0            | -7.1  | 30.0      |
| Ethyl ether                   | Ave           | 0.9618  | 0.8903 |         | 9.47           | 10.2            | -7.4  | 30.0      |
| Acrolein                      | Ave           | 0.5246  | 0.5436 |         | 10.1           | 9.71            | 3.6   | 30.0      |
| 1,1-Dichloroethene            | Ave           | 1.444   | 1.307  |         | 9.22           | 10.2            | -9.5  | 30.0      |
| Freon TF                      | Ave           | 2.793   | 2.678  |         | 10.2           | 10.7            | -4.1  | 30.0      |
| Acetone                       | Ave           | 2.058   | 2.096  |         | 10.6           | 10.4            | 1.8   | 30.0      |
| Isopropyl alcohol             | Ave           | 2.360   | 2.406  |         | 10.4           | 10.2            | 2.0   | 30.0      |
| Carbon disulfide              | Ave           | 3.791   | 3.681  |         | 10.1           | 10.4            | -2.9  | 30.0      |
| Acetonitrile                  | Ave           | 0.9783  | 0.9732 |         | 9.67           | 9.72            | -0.5  | 30.0      |
| 3-Chloropropene               | Ave           | 1.836   | 1.770  |         | 10.3           | 10.7            | -3.6  | 30.0      |
| Methylene Chloride            | Ave           | 1.675   | 1.621  |         | 9.92           | 10.2            | -3.2  | 30.0      |
| tert-Butyl alcohol            | Ave           | 2.833   | 2.793  |         | 10.6           | 10.8            | -1.4  | 30.0      |
| Acrylonitrile                 | Ave           | 1.043   | 1.042  |         | 10.2           | 10.2            | -0.2  | 30.0      |
| Methyl tert-butyl ether       | Ave           | 4.240   | 4.028  |         | 10.0           | 10.6            | -5.0  | 30.0      |
| trans-1,2-Dichloroethene      | Ave           | 2.355   | 2.093  |         | 9.18           | 10.3            | -11.1 | 30.0      |
| n-Hexane                      | Ave           | 2.356   | 2.247  |         | 9.98           | 10.5            | -4.6  | 30.0      |
| Vinyl acetate                 | Ave           | 3.600   | 3.682  |         | 10.3           | 10.1            | 2.3   | 30.0      |
| 1,1-Dichloroethane            | Ave           | 3.005   | 2.587  |         | 8.84           | 10.3            | -13.9 | 30.0      |
| Methyl Ethyl Ketone           | Ave           | 0.8923  | 0.7571 |         | 8.79           | 10.4            | -15.1 | 30.0      |
| cis-1,2-Dichloroethene        | Ave           | 1.708   | 1.468  |         | 8.91           | 10.4            | -14.0 | 30.0      |
| Ethyl acetate                 | Ave           | 0.1301  | 0.1283 |         | 10.1           | 10.2            | -1.4  | 30.0      |
| Tetrahydrofuran               | Ave           | 0.3628  | 0.3535 |         | 9.56           | 9.81            | -2.6  | 30.0      |
| Chloroform                    | Ave           | 3.161   | 2.928  |         | 9.56           | 10.3            | -7.4  | 30.0      |
| 1,1,1-Trichloroethane         | Ave           | 0.6421  | 0.6013 |         | 9.66           | 10.3            | -6.3  | 30.0      |
| Cyclohexane                   | Ave           | 0.4298  | 0.4006 |         | 9.52           | 10.2            | -6.8  | 30.0      |
| Carbon tetrachloride          | Ave           | 0.6938  | 0.6452 |         | 9.34           | 10.0            | -7.0  | 30.0      |

FORM VII  
AIR - GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-56178-1  
 SDG No.: \_\_\_\_\_  
 Lab Sample ID: ICV 200-160253/16 Calibration Date: 10/22/2020 03:27  
 Instrument ID: CHX.i Calib Start Date: 10/21/2020 16:49  
 GC Column: RTX-624 ID: 0.32 (mm) Calib End Date: 10/22/2020 00:48  
 Lab File ID: 43321-16.D Conc. Units: ppb v/v Heated Purge: (Y/N) N

| ANALYTE                             | CURVE<br>TYPE | AVE RRF | RRF    | MIN RRF | CALC<br>AMOUNT | SPIKE<br>AMOUNT | %D    | MAX<br>%D |
|-------------------------------------|---------------|---------|--------|---------|----------------|-----------------|-------|-----------|
| Benzene                             | Ave           | 0.9831  | 0.9094 |         | 9.61           | 10.4            | -7.5  | 30.0      |
| 1,2-Dichloroethane                  | Ave           | 0.4192  | 0.3848 |         | 9.60           | 10.5            | -8.2  | 30.0      |
| 2,2,4-Trimethylpentane              | Ave           | 1.587   | 1.542  |         | 9.85           | 10.1            | -2.8  | 30.0      |
| n-Heptane                           | Ave           | 0.5854  | 0.5623 |         | 9.90           | 10.3            | -3.9  | 30.0      |
| n-Butanol                           | Ave           | 0.2382  | 0.2242 |         | 8.57           | 9.11            | -5.9  | 30.0      |
| Trichloroethene                     | Ave           | 0.4556  | 0.4085 |         | 9.23           | 10.3            | -10.3 | 30.0      |
| 1,2-Dichloropropane                 | Ave           | 0.3819  | 0.3522 |         | 9.54           | 10.3            | -7.8  | 30.0      |
| Methyl methacrylate                 | Ave           | 0.3576  | 0.3367 |         | 9.61           | 10.2            | -5.8  | 30.0      |
| 1,4-Dioxane                         | Ave           | 0.1877  | 0.1881 |         | 10.3           | 10.3            | 0.2   | 30.0      |
| Dibromomethane                      | Ave           | 0.4322  | 0.4067 |         | 9.73           | 10.3            | -5.9  | 30.0      |
| Bromodichloromethane                | Ave           | 0.6535  | 0.6365 |         | 10.0           | 10.3            | -2.6  | 30.0      |
| cis-1,3-Dichloropropene             | Ave           | 0.5849  | 0.5866 |         | 9.97           | 9.94            | 0.3   | 30.0      |
| methyl isobutyl ketone              | Ave           | 0.7941  | 0.7551 |         | 9.69           | 10.2            | -4.9  | 30.0      |
| Toluene                             | Ave           | 0.8409  | 0.7845 |         | 9.51           | 10.2            | -6.7  | 30.0      |
| n-Octane                            | Ave           | 0.8198  | 0.7860 |         | 9.87           | 10.3            | -4.1  | 30.0      |
| trans-1,3-Dichloropropene           | Ave           | 0.5067  | 0.4922 |         | 9.57           | 9.85            | -2.9  | 30.0      |
| 1,1,2-Trichloroethane               | Ave           | 0.4113  | 0.3772 |         | 9.62           | 10.5            | -8.3  | 30.0      |
| Tetrachloroethene                   | Ave           | 0.7611  | 0.6537 |         | 8.99           | 10.5            | -14.1 | 30.0      |
| Methyl Butyl Ketone<br>(2-Hexanone) | Ave           | 0.8744  | 0.7995 |         | 9.24           | 10.1            | -8.6  | 30.0      |
| Dibromochloromethane                | Ave           | 0.8124  | 0.7227 |         | 9.43           | 10.6            | -11.0 | 30.0      |
| 1,2-Dibromoethane                   | Ave           | 0.6542  | 0.6206 |         | 10.1           | 10.7            | -5.1  | 30.0      |
| Chlorobenzene                       | Ave           | 1.053   | 0.9882 |         | 9.85           | 10.5            | -6.2  | 30.0      |
| Ethylbenzene                        | Ave           | 1.813   | 1.703  |         | 9.61           | 10.2            | -6.1  | 30.0      |
| m,p-Xylene                          | Ave           | 0.6935  | 0.6832 |         | 19.7           | 20.0            | -1.5  | 30.0      |
| n-Nonane                            | Ave           | 0.9099  | 0.8629 |         | 9.93           | 10.5            | -5.2  | 30.0      |
| Xylene, o-                          | Ave           | 0.6791  | 0.6442 |         | 9.83           | 10.4            | -5.1  | 30.0      |
| Styrene                             | Ave           | 0.9846  | 0.9631 |         | 10.1           | 10.3            | -2.2  | 30.0      |
| Bromoform                           | Ave           | 0.6316  | 0.6397 |         | 10.4           | 10.3            | 1.3   | 30.0      |
| Cumene                              | Ave           | 1.986   | 1.893  |         | 9.97           | 10.5            | -4.7  | 30.0      |
| 1,1,2,2-Tetrachloroethane           | Ave           | 1.014   | 0.9485 |         | 9.68           | 10.3            | -6.4  | 30.0      |
| 1,2,3-Trichloropropane              | Ave           | 0.7641  | 0.7194 |         | 10.0           | 10.6            | -5.9  | 30.0      |
| n-Propylbenzene                     | Ave           | 2.255   | 2.200  |         | 10.1           | 10.4            | -2.4  | 30.0      |
| 2-Chlorotoluene                     | Ave           | 1.440   | 1.366  |         | 9.89           | 10.4            | -5.2  | 30.0      |
| 4-Ethyltoluene                      | Ave           | 1.823   | 1.795  |         | 10.1           | 10.2            | -1.5  | 30.0      |
| 1,3,5-Trimethylbenzene              | Ave           | 1.630   | 1.558  |         | 10.0           | 10.5            | -4.4  | 30.0      |
| n-Decane                            | Ave           | 1.099   | 1.074  |         | 10.1           | 10.3            | -2.2  | 30.0      |
| Alpha Methyl Styrene                | Ave           | 0.7442  | 0.7484 |         | 10.2           | 10.2            | 0.6   | 30.0      |
| tert-Butylbenzene                   | Ave           | 1.650   | 1.570  |         | 9.90           | 10.4            | -4.8  | 30.0      |
| 1,2,4-Trimethylbenzene              | Ave           | 1.566   | 1.497  |         | 9.98           | 10.4            | -4.4  | 30.0      |
| sec-Butylbenzene                    | Ave           | 2.336   | 2.242  |         | 10.0           | 10.5            | -4.0  | 30.0      |

FORM VII  
AIR - GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-56178-1  
 SDG No.: \_\_\_\_\_  
 Lab Sample ID: ICV 200-160253/16 Calibration Date: 10/22/2020 03:27  
 Instrument ID: CHX.i Calib Start Date: 10/21/2020 16:49  
 GC Column: RTX-624 ID: 0.32 (mm) Calib End Date: 10/22/2020 00:48  
 Lab File ID: 43321-16.D Conc. Units: ppb v/v Heated Purge: (Y/N) N

| ANALYTE                | CURVE<br>TYPE | AVE RRF | RRF    | MIN RRF | CALC<br>AMOUNT | SPIKE<br>AMOUNT | %D    | MAX<br>%D |
|------------------------|---------------|---------|--------|---------|----------------|-----------------|-------|-----------|
| 1,3-Dichlorobenzene    | Ave           | 0.7728  | 0.7917 |         | 10.4           | 10.2            | 2.4   | 30.0      |
| 4-Isopropyltoluene     | Ave           | 1.906   | 1.800  |         | 9.92           | 10.5            | -5.5  | 30.0      |
| 1,4-Dichlorobenzene    | Ave           | 0.6709  | 0.6671 |         | 10.3           | 10.4            | -0.6  | 30.0      |
| Benzyl chloride        | Ave           | 0.8241  | 0.8713 |         | 10.7           | 10.2            | 5.7   | 30.0      |
| n-Butylbenzene         | Ave           | 1.592   | 1.511  |         | 9.97           | 10.5            | -5.1  | 30.0      |
| 1,2-Dichlorobenzene    | Ave           | 0.8306  | 0.7780 |         | 10.1           | 10.8            | -6.3  | 30.0      |
| n-Undecane             | Ave           | 1.103   | 1.022  |         | 9.93           | 10.7            | -7.4  | 30.0      |
| n-Dodecane             | Ave           | 1.085   | 0.8837 |         | 8.66           | 10.6            | -18.6 | 30.0      |
| 1,2,4-Trichlorobenzene | Ave           | 0.3583  | 0.3324 |         | 10.2           | 11.0            | -7.2  | 30.0      |
| Hexachlorobutadiene    | Ave           | 0.9682  | 0.8559 |         | 9.59           | 10.8            | -11.6 | 30.0      |
| Naphthalene            | Ave           | 0.9365  | 0.7983 |         | 8.95           | 10.5            | -14.8 | 30.0      |
| 1,2,3-Trichlorobenzene | Ave           | 0.4681  | 0.3588 |         | 8.32           | 10.9            | -23.4 | 30.0      |

FORM VII  
AIR - GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-56178-1  
 SDG No.: \_\_\_\_\_  
 Lab Sample ID: CCVIS 200-161394/2 Calibration Date: 11/23/2020 10:02  
 Instrument ID: CHX.i Calib Start Date: 10/21/2020 16:49  
 GC Column: RTX-624 ID: 0.32 (mm) Calib End Date: 10/22/2020 00:48  
 Lab File ID: 43775-02.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        | 0.6351  | 0.6274 |         | 10.2        | 10.3         | -1.2  | 30.0   |
| Dichlorodifluoromethane       | Ave        | 2.415   | 2.467  |         | 10.7        | 10.4         | 2.2   | 30.0   |
| Freon 22                      | Ave        | 1.378   | 1.552  |         | 11.8        | 10.5         | 12.6  | 30.0   |
| 1,2-Dichlorotetrafluoroethane | Ave        | 2.752   | 3.177  |         | 12.0        | 10.4         | 15.5  | 30.0   |
| Chloromethane                 | Ave        | 0.7667  | 0.8998 |         | 12.8        | 10.9         | 17.4  | 30.0   |
| n-Butane                      | Ave        | 2.098   | 1.917  |         | 9.47        | 10.4         | -8.6  | 30.0   |
| Vinyl chloride                | Ave        | 1.575   | 1.306  |         | 8.61        | 10.4         | -17.1 | 30.0   |
| 1,3-Butadiene                 | Ave        | 1.282   | 1.049  |         | 8.28        | 10.1         | -18.2 | 30.0   |
| Bromomethane                  | Ave        | 1.232   | 1.150  |         | 9.62        | 10.3         | -6.7  | 30.0   |
| Chloroethane                  | Ave        | 0.7011  | 0.6296 |         | 9.33        | 10.4         | -10.2 | 30.0   |
| Isopentane                    | Ave        | 1.618   | 1.458  |         | 9.41        | 10.4         | -9.9  | 30.0   |
| Bromoethene (Vinyl Bromide)   | Ave        | 1.401   | 1.101  |         | 8.19        | 10.4         | -21.4 | 30.0   |
| Trichlorofluoromethane        | Ave        | 3.047   | 2.911  |         | 10.1        | 10.6         | -4.5  | 30.0   |
| n-Pentane                     | Ave        | 2.223   | 2.067  |         | 9.42        | 10.1         | -7.0  | 30.0   |
| Ethanol                       | Ave        | 0.6915  | 0.7011 |         | 15.2        | 15.0         | 1.4   | 30.0   |
| Ethyl ether                   | Ave        | 0.9618  | 0.8609 |         | 9.02        | 10.1         | -10.5 | 30.0   |
| Acrolein                      | Ave        | 0.5246  | 0.4572 |         | 8.47        | 9.72         | -12.9 | 30.0   |
| 1,1-Dichloroethene            | Ave        | 1.444   | 1.223  |         | 8.71        | 10.3         | -15.3 | 30.0   |
| Freon TF                      | Ave        | 2.793   | 2.552  |         | 9.58        | 10.5         | -8.6  | 30.0   |
| Acetone                       | Ave        | 2.058   | 2.021  |         | 10.1        | 10.2         | -1.8  | 30.0   |
| Isopropyl alcohol             | Ave        | 2.360   | 2.364  |         | 10.2        | 10.2         | 0.2   | 30.0   |
| Carbon disulfide              | Ave        | 3.791   | 3.598  |         | 9.64        | 10.2         | -5.1  | 30.0   |
| Acetonitrile                  | Ave        | 0.9783  | 0.9171 |         | 9.28        | 9.90         | -6.2  | 30.0   |
| 3-Chloropropene               | Ave        | 1.836   | 1.625  |         | 9.42        | 10.6         | -11.5 | 30.0   |
| Methylene Chloride            | Ave        | 1.675   | 1.475  |         | 9.05        | 10.3         | -11.9 | 30.0   |
| tert-Butyl alcohol            | Ave        | 2.833   | 2.722  |         | 10.4        | 10.8         | -3.9  | 30.0   |
| Acrylonitrile                 | Ave        | 1.043   | 0.9400 |         | 9.11        | 10.1         | -9.9  | 30.0   |
| Methyl tert-butyl ether       | Ave        | 4.240   | 3.829  |         | 9.44        | 10.4         | -9.7  | 30.0   |
| trans-1,2-Dichloroethene      | Ave        | 2.355   | 1.975  |         | 8.55        | 10.2         | -16.1 | 30.0   |
| n-Hexane                      | Ave        | 2.356   | 2.076  |         | 9.33        | 10.6         | -11.9 | 30.0   |
| Vinyl acetate                 | Ave        | 3.600   | 2.969  |         | 8.57        | 10.4         | -17.5 | 30.0   |
| 1,1-Dichloroethane            | Ave        | 3.005   | 2.447  |         | 8.14        | 10.0         | -18.6 | 30.0   |
| Methyl Ethyl Ketone           | Ave        | 0.8923  | 0.7001 |         | 8.11        | 10.3         | -21.5 | 30.0   |
| cis-1,2-Dichloroethene        | Ave        | 1.708   | 1.408  |         | 8.33        | 10.1         | -17.5 | 30.0   |
| Ethyl acetate                 | Ave        | 0.1301  | 0.1194 |         | 9.29        | 10.1         | -8.2  | 30.0   |
| Tetrahydrofuran               | Ave        | 0.3628  | 0.3285 |         | 9.04        | 9.99         | -9.5  | 30.0   |
| Chloroform                    | Ave        | 3.161   | 2.822  |         | 9.02        | 10.1         | -10.7 | 30.0   |
| 1,1,1-Trichloroethane         | Ave        | 0.6421  | 0.5834 |         | 9.26        | 10.2         | -9.1  | 30.0   |
| Cyclohexane                   | Ave        | 0.4298  | 0.3801 |         | 8.97        | 10.1         | -11.6 | 30.0   |
| Carbon tetrachloride          | Ave        | 0.6938  | 0.5946 |         | 8.71        | 10.2         | -14.3 | 30.0   |

FORM VII  
AIR - GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-56178-1

SDG No.: \_\_\_\_\_

Lab Sample ID: CCVIS 200-161394/2 Calibration Date: 11/23/2020 10:02

Instrument ID: CHX.i Calib Start Date: 10/21/2020 16:49

GC Column: RTX-624 ID: 0.32 (mm) Calib End Date: 10/22/2020 00:48

Lab File ID: 43775-02.D Conc. Units: ppb v/v Heated Purge: (Y/N) N

| ANALYTE                             | CURVE<br>TYPE | AVE RRF | RRF    | MIN RRF | CALC<br>AMOUNT | SPIKE<br>AMOUNT | %D    | MAX<br>%D |
|-------------------------------------|---------------|---------|--------|---------|----------------|-----------------|-------|-----------|
| Benzene                             | Ave           | 0.9831  | 0.8870 |         | 9.32           | 10.3            | -9.8  | 30.0      |
| 1,2-Dichloroethane                  | Ave           | 0.4192  | 0.3599 |         | 8.89           | 10.4            | -14.1 | 30.0      |
| 2,2,4-Trimethylpentane              | Ave           | 1.587   | 1.423  |         | 9.38           | 10.5            | -10.4 | 30.0      |
| n-Heptane                           | Ave           | 0.5854  | 0.5186 |         | 9.31           | 10.5            | -11.4 | 30.0      |
| n-Butanol                           | Ave           | 0.2382  | 0.2103 |         | 8.43           | 9.55            | -11.7 | 30.0      |
| Trichloroethene                     | Ave           | 0.4556  | 0.3892 |         | 8.99           | 10.5            | -14.6 | 30.0      |
| 1,2-Dichloropropane                 | Ave           | 0.3819  | 0.3327 |         | 8.98           | 10.3            | -12.9 | 30.0      |
| Methyl methacrylate                 | Ave           | 0.3576  | 0.3120 |         | 8.86           | 10.2            | -12.7 | 30.0      |
| 1,4-Dioxane                         | Ave           | 0.1877  | 0.1875 |         | 10.6           | 10.6            | -0.1  | 30.0      |
| Dibromomethane                      | Ave           | 0.4322  | 0.3982 |         | 9.49           | 10.3            | -7.9  | 30.0      |
| Bromodichloromethane                | Ave           | 0.6535  | 0.5926 |         | 9.58           | 10.6            | -9.3  | 30.0      |
| cis-1,3-Dichloropropene             | Ave           | 0.5849  | 0.5240 |         | 9.31           | 10.4            | -10.4 | 30.0      |
| methyl isobutyl ketone              | Ave           | 0.7941  | 0.7053 |         | 9.09           | 10.2            | -11.2 | 30.0      |
| Toluene                             | Ave           | 0.8409  | 0.7515 |         | 9.08           | 10.2            | -10.6 | 30.0      |
| n-Octane                            | Ave           | 0.8198  | 0.7379 |         | 9.30           | 10.3            | -10.0 | 30.0      |
| trans-1,3-Dichloropropene           | Ave           | 0.5067  | 0.4533 |         | 8.84           | 9.88            | -10.5 | 30.0      |
| 1,1,2-Trichloroethane               | Ave           | 0.4113  | 0.3535 |         | 9.00           | 10.5            | -14.1 | 30.0      |
| Tetrachloroethene                   | Ave           | 0.7611  | 0.6037 |         | 8.33           | 10.5            | -20.7 | 30.0      |
| Methyl Butyl Ketone<br>(2-Hexanone) | Ave           | 0.8744  | 0.7277 |         | 8.31           | 9.99            | -16.8 | 30.0      |
| Dibromochloromethane                | Ave           | 0.8124  | 0.6963 |         | 8.29           | 9.68            | -14.3 | 30.0      |
| 1,2-Dibromoethane                   | Ave           | 0.6542  | 0.5720 |         | 9.27           | 10.6            | -12.6 | 30.0      |
| Chlorobenzene                       | Ave           | 1.053   | 0.9085 |         | 9.05           | 10.5            | -13.7 | 30.0      |
| Ethylbenzene                        | Ave           | 1.813   | 1.663  |         | 9.37           | 10.2            | -8.3  | 30.0      |
| m,p-Xylene                          | Ave           | 0.6935  | 0.6210 |         | 18.4           | 20.6            | -10.5 | 30.0      |
| n-Nonane                            | Ave           | 0.9099  | 0.8059 |         | 9.28           | 10.5            | -11.4 | 30.0      |
| Xylene, o-                          | Ave           | 0.6791  | 0.5975 |         | 9.11           | 10.4            | -12.0 | 30.0      |
| Styrene                             | Ave           | 0.9846  | 0.8643 |         | 9.06           | 10.3            | -12.2 | 30.0      |
| Bromoform                           | Ave           | 0.6316  | 0.4976 |         | 8.10           | 10.3            | -21.2 | 30.0      |
| Cumene                              | Ave           | 1.986   | 1.802  |         | 9.46           | 10.4            | -9.3  | 30.0      |
| 1,1,2,2-Tetrachloroethane           | Ave           | 1.014   | 0.8743 |         | 8.92           | 10.3            | -13.7 | 30.0      |
| 1,2,3-Trichloropropane              | Ave           | 0.7641  | 0.6685 |         | 9.26           | 10.6            | -12.5 | 30.0      |
| n-Propylbenzene                     | Ave           | 2.255   | 2.095  |         | 9.66           | 10.4            | -7.1  | 30.0      |
| 2-Chlorotoluene                     | Ave           | 1.440   | 1.281  |         | 9.29           | 10.4            | -11.0 | 30.0      |
| 4-Ethyltoluene                      | Ave           | 1.823   | 1.697  |         | 9.61           | 10.3            | -6.9  | 30.0      |
| 1,3,5-Trimethylbenzene              | Ave           | 1.630   | 1.501  |         | 9.57           | 10.4            | -7.9  | 30.0      |
| n-Decane                            | Ave           | 1.099   | 1.017  |         | 9.64           | 10.4            | -7.4  | 30.0      |
| Alpha Methyl Styrene                | Ave           | 0.7442  | 0.6792 |         | 9.31           | 10.2            | -8.7  | 30.0      |
| tert-Butylbenzene                   | Ave           | 1.650   | 1.497  |         | 9.40           | 10.4            | -9.2  | 30.0      |
| 1,2,4-Trimethylbenzene              | Ave           | 1.566   | 1.432  |         | 9.51           | 10.4            | -8.5  | 30.0      |
| sec-Butylbenzene                    | Ave           | 2.336   | 2.154  |         | 9.64           | 10.5            | -7.8  | 30.0      |

FORM VII  
AIR - GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-56178-1  
 SDG No.: \_\_\_\_\_  
 Lab Sample ID: CCVIS 200-161394/2 Calibration Date: 11/23/2020 10:02  
 Instrument ID: CHX.i Calib Start Date: 10/21/2020 16:49  
 GC Column: RTX-624 ID: 0.32 (mm) Calib End Date: 10/22/2020 00:48  
 Lab File ID: 43775-02.D Conc. Units: ppb v/v Heated Purge: (Y/N) N

| ANALYTE                | CURVE<br>TYPE | AVE RRF | RRF    | MIN RRF | CALC<br>AMOUNT | SPIKE<br>AMOUNT | %D    | MAX<br>%D |
|------------------------|---------------|---------|--------|---------|----------------|-----------------|-------|-----------|
| 1,3-Dichlorobenzene    | Ave           | 0.7728  | 0.7156 |         | 9.80           | 10.6            | -7.4  | 30.0      |
| 4-Isopropyltoluene     | Ave           | 1.906   | 1.771  |         | 9.58           | 10.3            | -7.1  | 30.0      |
| 1,4-Dichlorobenzene    | Ave           | 0.6709  | 0.6282 |         | 9.80           | 10.5            | -6.4  | 30.0      |
| Benzyl chloride        | Ave           | 0.8241  | 0.7406 |         | 9.51           | 10.6            | -10.1 | 30.0      |
| n-Butylbenzene         | Ave           | 1.592   | 1.472  |         | 9.60           | 10.4            | -7.6  | 30.0      |
| 1,2-Dichlorobenzene    | Ave           | 0.8306  | 0.7601 |         | 9.55           | 10.4            | -8.5  | 30.0      |
| n-Undecane             | Ave           | 1.103   | 0.998  |         | 9.46           | 10.5            | -9.5  | 30.0      |
| n-Dodecane             | Ave           | 1.085   | 0.9425 |         | 8.13           | 9.36            | -13.2 | 30.0      |
| 1,2,4-Trichlorobenzene | Ave           | 0.3583  | 0.2989 |         | 9.06           | 10.9            | -16.6 | 30.0      |
| Hexachlorobutadiene    | Ave           | 0.9682  | 0.8399 |         | 8.90           | 10.3            | -13.3 | 30.0      |
| Naphthalene            | Ave           | 0.9365  | 0.7603 |         | 7.89           | 9.72            | -18.8 | 30.0      |
| 1,2,3-Trichlorobenzene | Ave           | 0.4681  | 0.3877 |         | 7.55           | 9.12            | -17.2 | 30.0      |

## AIR - GC/MS VOA ANALYSIS RUN LOG

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-56158-1

SDG No.: \_\_\_\_\_

Instrument ID: CHC.i Start Date: 10/22/2020 14:36Analysis Batch Number: 160312 End Date: 10/23/2020 06:17

| LAB SAMPLE ID     | CLIENT SAMPLE ID | DATE ANALYZED    | DILUTION<br>FACTOR | LAB FILE ID | COLUMN ID         |
|-------------------|------------------|------------------|--------------------|-------------|-------------------|
| BFB 200-160312/1  |                  | 10/22/2020 14:36 | 1                  | 43343-01.D  | RTX-624 0.32 (mm) |
| IC 200-160312/4   |                  | 10/22/2020 17:37 | 1                  | 43343-04.D  | RTX-624 0.32 (mm) |
| IC 200-160312/5   |                  | 10/22/2020 18:31 | 1                  | 43343-05.D  | RTX-624 0.32 (mm) |
| IC 200-160312/6   |                  | 10/22/2020 19:25 | 1                  | 43343-06.D  | RTX-624 0.32 (mm) |
| IC 200-160312/7   |                  | 10/22/2020 20:19 | 1                  | 43343-07.D  | RTX-624 0.32 (mm) |
| ICIS 200-160312/8 |                  | 10/22/2020 21:13 | 1                  | 43343-08.D  | RTX-624 0.32 (mm) |
| IC 200-160312/9   |                  | 10/22/2020 22:07 | 1                  | 43343-09.D  | RTX-624 0.32 (mm) |
| IC 200-160312/12  |                  | 10/23/2020 00:50 | 1                  | 43343-12.D  | RTX-624 0.32 (mm) |
| IC 200-160312/13  |                  | 10/23/2020 01:45 | 1                  | 43343-13.D  | RTX-624 0.32 (mm) |
| ICV 200-160312/18 |                  | 10/23/2020 06:17 | 1                  | 43343-18.D  | RTX-624 0.32 (mm) |



## AIR - GC/MS VOA ANALYSIS RUN LOG

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-56158-1

SDG No.: \_\_\_\_\_

Instrument ID: CHC.i Start Date: 11/23/2020 09:22Analysis Batch Number: 161395 End Date: 11/24/2020 02:06

| LAB SAMPLE ID      | CLIENT SAMPLE ID | DATE ANALYZED    | DILUTION<br>FACTOR | LAB FILE ID | COLUMN ID         |
|--------------------|------------------|------------------|--------------------|-------------|-------------------|
| BFB 200-161395/1   |                  | 11/23/2020 09:22 | 1                  | 43776-01.D  | RTX-624 0.32 (mm) |
| CCVIS 200-161395/2 |                  | 11/23/2020 10:23 | 1                  | 43776-02.D  | RTX-624 0.32 (mm) |
| LCS 200-161395/3   |                  | 11/23/2020 11:17 | 1                  | 43776-03.D  | RTX-624 0.32 (mm) |
| MB 200-161395/4    |                  | 11/23/2020 12:11 | 1                  | 43776-04.D  | RTX-624 0.32 (mm) |
| ZZZZZ              |                  | 11/23/2020 13:06 | 10                 |             | RTX-624 0.32 (mm) |
| ZZZZZ              |                  | 11/23/2020 14:01 | 10                 |             | RTX-624 0.32 (mm) |
| ZZZZZ              |                  | 11/23/2020 14:55 | 10                 |             | RTX-624 0.32 (mm) |
| ZZZZZ              |                  | 11/23/2020 15:53 | 0.2                |             | RTX-624 0.32 (mm) |
| ZZZZZ              |                  | 11/23/2020 16:53 | 0.2                |             | RTX-624 0.32 (mm) |
| ZZZZZ              |                  | 11/23/2020 17:47 | 10                 |             | RTX-624 0.32 (mm) |
| ZZZZZ              |                  | 11/23/2020 18:42 | 10                 |             | RTX-624 0.32 (mm) |
| ZZZZZ              |                  | 11/23/2020 19:36 | 10                 |             | RTX-624 0.32 (mm) |
| ZZZZZ              |                  | 11/23/2020 20:30 | 10                 |             | RTX-624 0.32 (mm) |
| ZZZZZ              |                  | 11/23/2020 21:29 | 0.2                |             | RTX-624 0.32 (mm) |
| 200-56158-3        | 5099             | 11/23/2020 22:28 | 0.2                | 43776-15.D  | RTX-624 0.32 (mm) |
| ZZZZZ              |                  | 11/23/2020 23:22 | 10                 |             | RTX-624 0.32 (mm) |
| ZZZZZ              |                  | 11/24/2020 00:17 | 10                 |             | RTX-624 0.32 (mm) |
| ZZZZZ              |                  | 11/24/2020 01:12 | 10                 |             | RTX-624 0.32 (mm) |
| ZZZZZ              |                  | 11/24/2020 02:06 | 10                 |             | RTX-624 0.32 (mm) |

## AIR - GC/MS VOA ANALYSIS RUN LOG

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-56177-1

SDG No.: \_\_\_\_\_

Instrument ID: CHX.i Start Date: 10/21/2020 14:06Analysis Batch Number: 160253 End Date: 10/22/2020 03:27

| LAB SAMPLE ID     | CLIENT SAMPLE ID | DATE ANALYZED    | DILUTION<br>FACTOR | LAB FILE ID | COLUMN ID         |
|-------------------|------------------|------------------|--------------------|-------------|-------------------|
| BFB 200-160253/1  |                  | 10/21/2020 14:06 | 1                  | 43321-01.D  | RTX-624 0.32 (mm) |
| IC 200-160253/4   |                  | 10/21/2020 16:49 | 1                  | 43321-04.D  | RTX-624 0.32 (mm) |
| IC 200-160253/5   |                  | 10/21/2020 17:42 | 1                  | 43321-05.D  | RTX-624 0.32 (mm) |
| IC 200-160253/6   |                  | 10/21/2020 18:35 | 1                  | 43321-06.D  | RTX-624 0.32 (mm) |
| IC 200-160253/7   |                  | 10/21/2020 19:29 | 1                  | 43321-07.D  | RTX-624 0.32 (mm) |
| ICIS 200-160253/8 |                  | 10/21/2020 20:22 | 1                  | 43321-08.D  | RTX-624 0.32 (mm) |
| IC 200-160253/9   |                  | 10/21/2020 21:15 | 1                  | 43321-09.D  | RTX-624 0.32 (mm) |
| IC 200-160253/12  |                  | 10/21/2020 23:55 | 1                  | 43321-12.D  | RTX-624 0.32 (mm) |
| IC 200-160253/13  |                  | 10/22/2020 00:48 | 1                  | 43321-13.D  | RTX-624 0.32 (mm) |
| ICV 200-160253/16 |                  | 10/22/2020 03:27 | 1                  | 43321-16.D  | RTX-624 0.32 (mm) |

## AIR - GC/MS VOA ANALYSIS RUN LOG

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-56177-1

SDG No.: \_\_\_\_\_

Instrument ID: CHX.i Start Date: 11/23/2020 09:12Analysis Batch Number: 161394 End Date: 11/24/2020 04:45

| LAB SAMPLE ID      | CLIENT SAMPLE ID | DATE ANALYZED    | DILUTION<br>FACTOR | LAB FILE ID | COLUMN ID         |
|--------------------|------------------|------------------|--------------------|-------------|-------------------|
| BFB 200-161394/1   |                  | 11/23/2020 09:12 | 1                  | 43775-01.D  | RTX-624 0.32 (mm) |
| CCVIS 200-161394/2 |                  | 11/23/2020 10:02 | 1                  | 43775-02.D  | RTX-624 0.32 (mm) |
| LCS 200-161394/3   |                  | 11/23/2020 10:55 | 1                  | 43775-03.D  | RTX-624 0.32 (mm) |
| MB 200-161394/4    |                  | 11/23/2020 11:48 | 1                  | 43775-04.D  | RTX-624 0.32 (mm) |
| ZZZZZ              |                  | 11/23/2020 12:41 | 1                  |             | RTX-624 0.32 (mm) |
| ZZZZZ              |                  | 11/23/2020 13:34 | 1                  |             | RTX-624 0.32 (mm) |
| ZZZZZ              |                  | 11/23/2020 14:27 | 1                  |             | RTX-624 0.32 (mm) |
| ZZZZZ              |                  | 11/23/2020 15:19 | 10                 |             | RTX-624 0.32 (mm) |
| ZZZZZ              |                  | 11/23/2020 16:13 | 10                 |             | RTX-624 0.32 (mm) |
| ZZZZZ              |                  | 11/23/2020 17:06 | 10                 |             | RTX-624 0.32 (mm) |
| ZZZZZ              |                  | 11/23/2020 17:59 | 4                  |             | RTX-624 0.32 (mm) |
| ZZZZZ              |                  | 11/23/2020 18:52 | 20                 |             | RTX-624 0.32 (mm) |
| ZZZZZ              |                  | 11/23/2020 19:45 | 1                  |             | RTX-624 0.32 (mm) |
| ZZZZZ              |                  | 11/23/2020 20:38 | 10                 |             | RTX-624 0.32 (mm) |
| ZZZZZ              |                  | 11/23/2020 21:31 | 40                 |             | RTX-624 0.32 (mm) |
| ZZZZZ              |                  | 11/23/2020 22:29 | 0.2                |             | RTX-624 0.32 (mm) |
| ZZZZZ              |                  | 11/23/2020 23:22 | 10                 |             | RTX-624 0.32 (mm) |
| ZZZZZ              |                  | 11/24/2020 00:15 | 10                 |             | RTX-624 0.32 (mm) |
| ZZZZZ              |                  | 11/24/2020 01:08 | 10                 |             | RTX-624 0.32 (mm) |
| ZZZZZ              |                  | 11/24/2020 02:01 | 10                 |             | RTX-624 0.32 (mm) |
| 200-56177-4        | 5093             | 11/24/2020 02:59 | 0.2                | 43775-21.D  | RTX-624 0.32 (mm) |
| ZZZZZ              |                  | 11/24/2020 03:52 | 10                 |             | RTX-624 0.32 (mm) |
| ZZZZZ              |                  | 11/24/2020 04:45 | 15                 |             | RTX-624 0.32 (mm) |

## AIR - GC/MS VOA ANALYSIS RUN LOG

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-56178-1

SDG No.: \_\_\_\_\_

Instrument ID: CHX.i Start Date: 10/21/2020 14:06Analysis Batch Number: 160253 End Date: 10/22/2020 03:27

| LAB SAMPLE ID     | CLIENT SAMPLE ID | DATE ANALYZED    | DILUTION<br>FACTOR | LAB FILE ID | COLUMN ID         |
|-------------------|------------------|------------------|--------------------|-------------|-------------------|
| BFB 200-160253/1  |                  | 10/21/2020 14:06 | 1                  | 43321-01.D  | RTX-624 0.32 (mm) |
| IC 200-160253/4   |                  | 10/21/2020 16:49 | 1                  | 43321-04.D  | RTX-624 0.32 (mm) |
| IC 200-160253/5   |                  | 10/21/2020 17:42 | 1                  | 43321-05.D  | RTX-624 0.32 (mm) |
| IC 200-160253/6   |                  | 10/21/2020 18:35 | 1                  | 43321-06.D  | RTX-624 0.32 (mm) |
| IC 200-160253/7   |                  | 10/21/2020 19:29 | 1                  | 43321-07.D  | RTX-624 0.32 (mm) |
| ICIS 200-160253/8 |                  | 10/21/2020 20:22 | 1                  | 43321-08.D  | RTX-624 0.32 (mm) |
| IC 200-160253/9   |                  | 10/21/2020 21:15 | 1                  | 43321-09.D  | RTX-624 0.32 (mm) |
| IC 200-160253/12  |                  | 10/21/2020 23:55 | 1                  | 43321-12.D  | RTX-624 0.32 (mm) |
| IC 200-160253/13  |                  | 10/22/2020 00:48 | 1                  | 43321-13.D  | RTX-624 0.32 (mm) |
| ICV 200-160253/16 |                  | 10/22/2020 03:27 | 1                  | 43321-16.D  | RTX-624 0.32 (mm) |

## AIR - GC/MS VOA ANALYSIS RUN LOG

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-56178-1

SDG No.: \_\_\_\_\_

Instrument ID: CHX.i Start Date: 11/23/2020 09:12Analysis Batch Number: 161394 End Date: 11/24/2020 04:45

| LAB SAMPLE ID      | CLIENT SAMPLE ID | DATE ANALYZED    | DILUTION<br>FACTOR | LAB FILE ID | COLUMN ID         |
|--------------------|------------------|------------------|--------------------|-------------|-------------------|
| BFB 200-161394/1   |                  | 11/23/2020 09:12 | 1                  | 43775-01.D  | RTX-624 0.32 (mm) |
| CCVIS 200-161394/2 |                  | 11/23/2020 10:02 | 1                  | 43775-02.D  | RTX-624 0.32 (mm) |
| LCS 200-161394/3   |                  | 11/23/2020 10:55 | 1                  | 43775-03.D  | RTX-624 0.32 (mm) |
| MB 200-161394/4    |                  | 11/23/2020 11:48 | 1                  | 43775-04.D  | RTX-624 0.32 (mm) |
| ZZZZZ              |                  | 11/23/2020 12:41 | 1                  |             | RTX-624 0.32 (mm) |
| ZZZZZ              |                  | 11/23/2020 13:34 | 1                  |             | RTX-624 0.32 (mm) |
| ZZZZZ              |                  | 11/23/2020 14:27 | 1                  |             | RTX-624 0.32 (mm) |
| ZZZZZ              |                  | 11/23/2020 15:19 | 10                 |             | RTX-624 0.32 (mm) |
| ZZZZZ              |                  | 11/23/2020 16:13 | 10                 |             | RTX-624 0.32 (mm) |
| ZZZZZ              |                  | 11/23/2020 17:06 | 10                 |             | RTX-624 0.32 (mm) |
| ZZZZZ              |                  | 11/23/2020 17:59 | 4                  |             | RTX-624 0.32 (mm) |
| ZZZZZ              |                  | 11/23/2020 18:52 | 20                 |             | RTX-624 0.32 (mm) |
| ZZZZZ              |                  | 11/23/2020 19:45 | 1                  |             | RTX-624 0.32 (mm) |
| ZZZZZ              |                  | 11/23/2020 20:38 | 10                 |             | RTX-624 0.32 (mm) |
| ZZZZZ              |                  | 11/23/2020 21:31 | 40                 |             | RTX-624 0.32 (mm) |
| 200-56178-4        | 8132             | 11/23/2020 22:29 | 0.2                | 43775-16.D  | RTX-624 0.32 (mm) |
| ZZZZZ              |                  | 11/23/2020 23:22 | 10                 |             | RTX-624 0.32 (mm) |
| ZZZZZ              |                  | 11/24/2020 00:15 | 10                 |             | RTX-624 0.32 (mm) |
| ZZZZZ              |                  | 11/24/2020 01:08 | 10                 |             | RTX-624 0.32 (mm) |
| ZZZZZ              |                  | 11/24/2020 02:01 | 10                 |             | RTX-624 0.32 (mm) |
| ZZZZZ              |                  | 11/24/2020 02:59 | 0.2                |             | RTX-624 0.32 (mm) |
| ZZZZZ              |                  | 11/24/2020 03:52 | 10                 |             | RTX-624 0.32 (mm) |
| ZZZZZ              |                  | 11/24/2020 04:45 | 15                 |             | RTX-624 0.32 (mm) |

# Shipping and Receiving Documents

Eurofins TestAmerica, Burlington  
30 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.



Environment Testing  
TestAmerica

Client Contact Information

Company Name: STANLEY CONSULTING  
Address: 61 COMMUNITY ST. STE. 100  
City/State/Zip: ELICHTON, NY 14614  
Phone: 585-234-6433  
FAX: -  
Project Name: ERSON Cooper INDUSTRIES  
Site/Location: ALLEN, NY  
PO # 195601924

Client Project Manager: CHAS. GENDRON  
Phone: 603-266-7576  
Email: CHAS.GENDRON@STANLEY.COM  
Site Contact: ELICHTON  
Tel/Fax: 716-325-7123  
Analysis Turnaround Time  
Standard (Specific): STANDARD  
Rush (Specific): N/A

Samples Collected By: A. STONE  
COC No: 1 of 1 COCs  
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) | TO-14/15 (Standard / Low Level) |             | Sample Type | Other (Please specify in notes section) |           |                                         |          |                             |              |                                         | Sample Specific Notes: |
|-----------------------|-------------------|------------|-----------------|-----------|---------------------------------------|--------------------------------------|---------------------------------|-------------|-------------|-----------------------------------------|-----------|-----------------------------------------|----------|-----------------------------|--------------|-----------------------------------------|------------------------|
|                       |                   |            |                 |           |                                       |                                      | Flow Controller ID              | Canister ID |             | ASTM D-1946                             | EPA 15/16 | Other (Please specify in notes section) | Soil Gas | Soil Vapor Extraction (SVE) | Landfill Gas | Other (Please specify in notes section) |                        |
| SG-201                | 12/8/20           | 1512       | 12/9/20         | 1458      | 26.0                                  | 5.0                                  | 4514                            | 4488        | X           |                                         |           |                                         |          |                             |              |                                         |                        |
| SG-202                |                   | 1511       |                 | 1459      | 73.0                                  | 5.0                                  | 4733                            | 5098        | X           |                                         |           |                                         |          |                             |              |                                         |                        |
| SG-203                |                   | 1450       |                 | 1450      | 29.5                                  | 5.0                                  | 2763                            | 5121        | X           |                                         |           |                                         |          |                             |              |                                         |                        |
| SG-204                |                   | 1453       |                 | 1452      | 30.0                                  | 6.0                                  | 3949                            | 4345        | X           |                                         |           |                                         |          |                             |              |                                         |                        |
| SG-205                |                   | 1457       |                 | 1453      | 28.0                                  | 6.0                                  | 4024                            | 3400/434    | X           |                                         |           |                                         |          |                             |              |                                         |                        |
| SG-206                |                   | 1502       |                 | 1454      | 73.0                                  | 14.0                                 | 3113                            | 4235        | X           |                                         |           |                                         |          |                             |              |                                         |                        |
| SG-207                |                   | 1506       |                 | 12:08     | 73.0                                  | 2.0                                  | 5170                            | 3283        | X           |                                         |           |                                         |          |                             |              |                                         |                        |
| TRIP BLANK            |                   | 1511       |                 | -         | N/A                                   | -                                    | N/A                             | 5426        | X           |                                         |           |                                         |          |                             |              |                                         | TRIP BLANK             |



200-56451 COC

Special Instructions/QC Requirements & Comments:

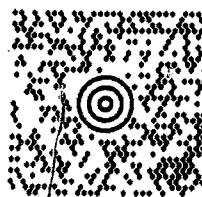
|                                             |                                    |                                         |
|---------------------------------------------|------------------------------------|-----------------------------------------|
| Samples Shipped by: <u>[Signature]</u>      | Date / Time: <u>12/9/2020 1600</u> | Samples Received by: <u>[Signature]</u> |
| Samples Relinquished by: <u>[Signature]</u> | Date / Time: <u>12/9/2020 1035</u> | Received by: <u>[Signature]</u>         |
| Relinquished by: <u>[Signature]</u>         | Date / Time: <u>12/9/2020 1035</u> | Received by: <u>[Signature]</u>         |
| Lab Use Only:                               | Shipper Name:                      | Condition:                              |

34 LBS 1 OF 1  
SHP WT: 34 LBS  
DWT: 20, 20, 17  
DATE: 09 DEC 2020

KYLE STONE  
(585) 284-6433  
61 COMMERCIAL ST  
ROCHESTER NY 14614

SHIP EUROFINIS-TESTAMERICA  
TO: STE 11  
30 COMMUNITY DR

SOUTH BURLINGTO VT 05403-6834



VT 054 0-02



UPS NEXT DAY AIR

TRACKING #: 1Z 120 X06 01 3542 1161

1



BILLING: P/P

ISH 13.00F E2844 39.5V 11/2020

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BILLING: P/P



TRACKING #: 1Z 120 X06 01 0208 4829

UPS NEXT DAY AIR

1



VT 054 0-02

SOUTH BURLINGTO VT 05403-6834

SHIP EUROFINIS-TESTAMERICA  
TO: STE 11  
30 COMMUNITY DR

KYLE STONE  
(585) 284-6433  
61 COMMERCIAL ST  
ROCHESTER NY 14614

34 LBS

SHP WT: 34 LBS  
DWT: 20, 20, 17  
DATE: 09 DEC 2020

1 OF 1



## Login Sample Receipt Checklist

Client: Stantec Consulting Services Inc

Job Number: 200-56451-1

SDG Number: 200-56451-1

**Login Number: 56451**

**List Number: 1**

**Creator: Lavigne, Scott M**

**List Source: Eurofins TestAmerica, Burlington**

| Question                                                                                 | Answer | Comment                                  |
|------------------------------------------------------------------------------------------|--------|------------------------------------------|
| Radioactivity wasn't checked or is $\leq$ background as measured by a survey meter.      | True   | Lab does not accept radioactive samples. |
| The cooler's custody seal, if present, is intact.                                        | True   | 1110002,003                              |
| 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 $<6\text{mm}$ (1/4"). | True   |                                          |
| Multiphasic samples are not present.                                                     | True   |                                          |
| Samples do not require splitting or compositing.                                         | True   |                                          |
| Residual Chlorine Checked.                                                               | N/A    |                                          |