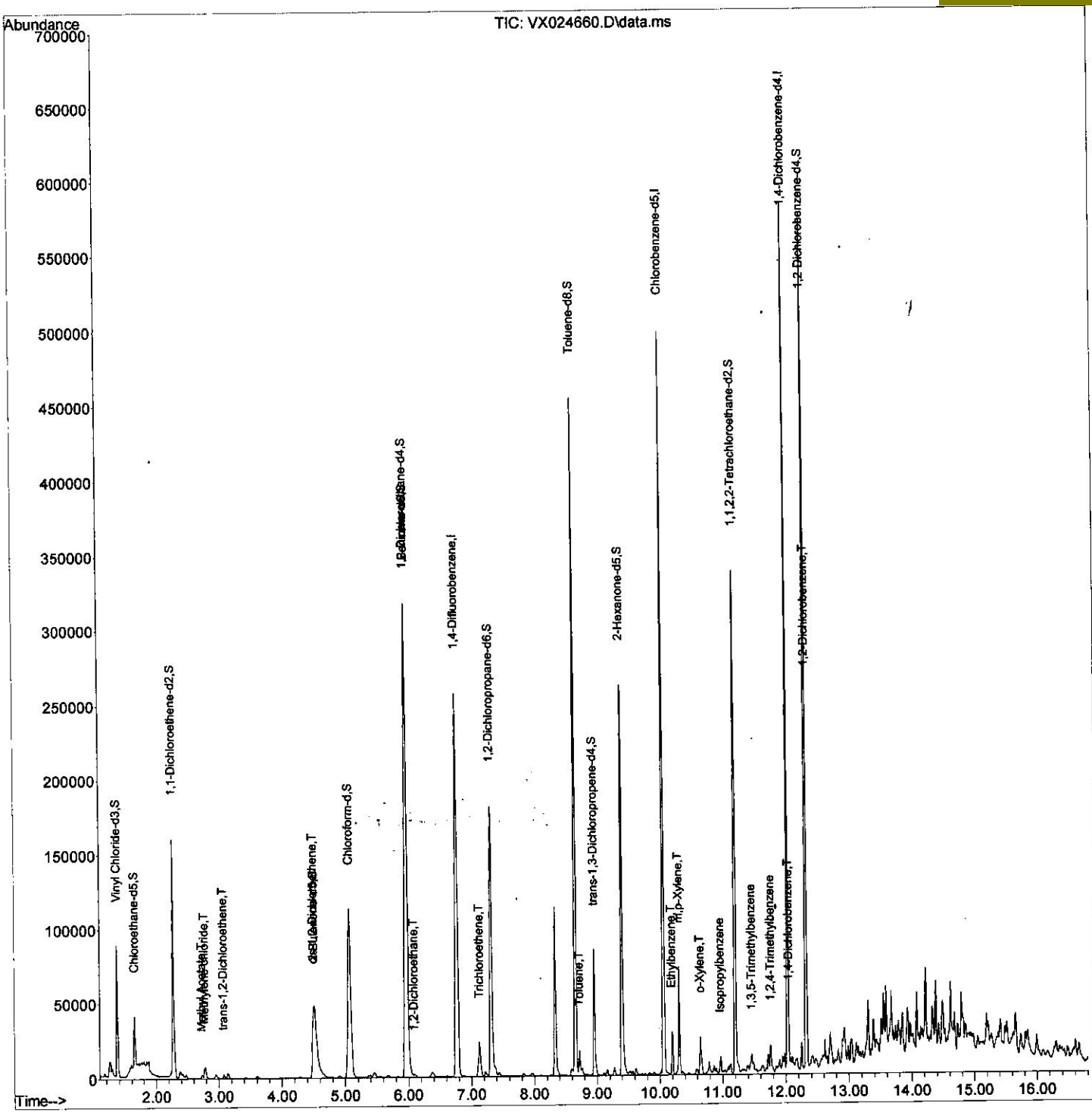
Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100721\
Data File : VX024660.D
Acq On : 07 Oct 2021 20:54
Operator : JC/MD
Sample : M4001-03ME
Misc : 5.86g/5.0mL/100uL/5.0mL/MSVOA_X/MEOH
ALS Vial : 29 Sample Multiplier: 1

Quant Time: Oct 07 23:12:13 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXLM100721WMA.M
Quant Title : VOC Analysis
QLast Update : Thu Oct 07 23:05:28 2021
Response via : Initial Calibration

**Instrument :**
MSVOA_X
**ClientSampleId :**
EW918ME

**Manual Integrations APPROVED**
MMDadoda
10/11/2021 12:40:30 PM



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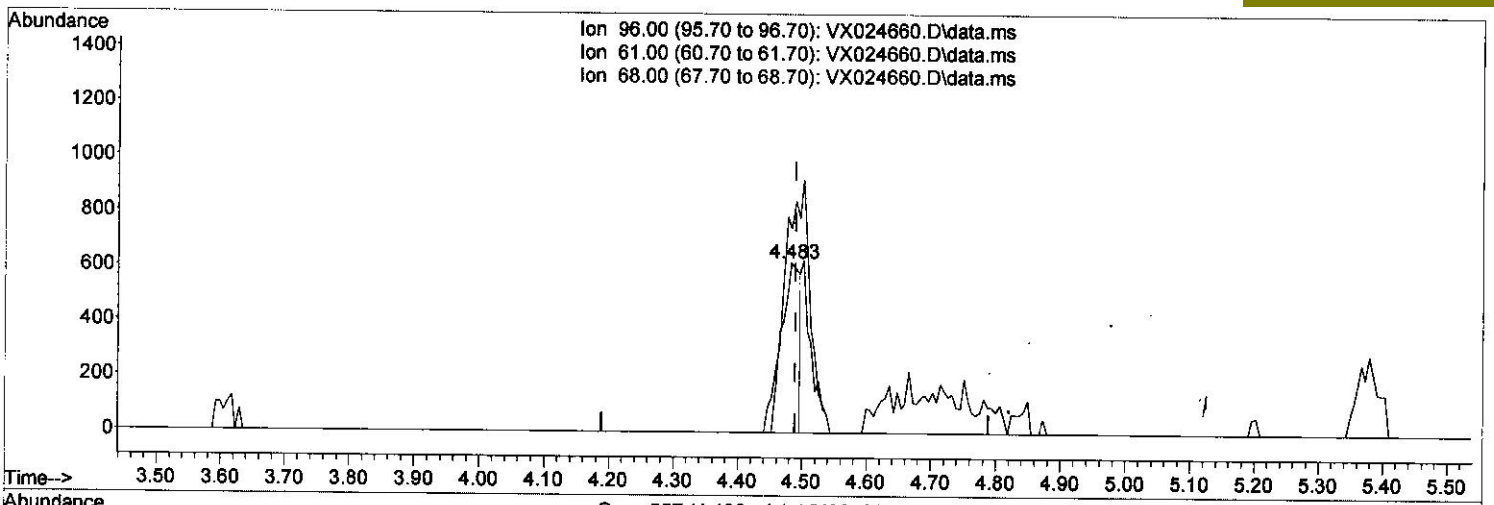


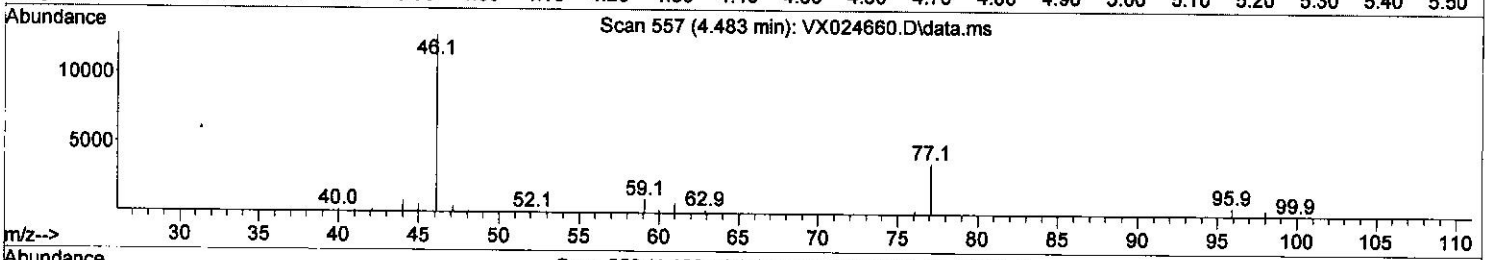


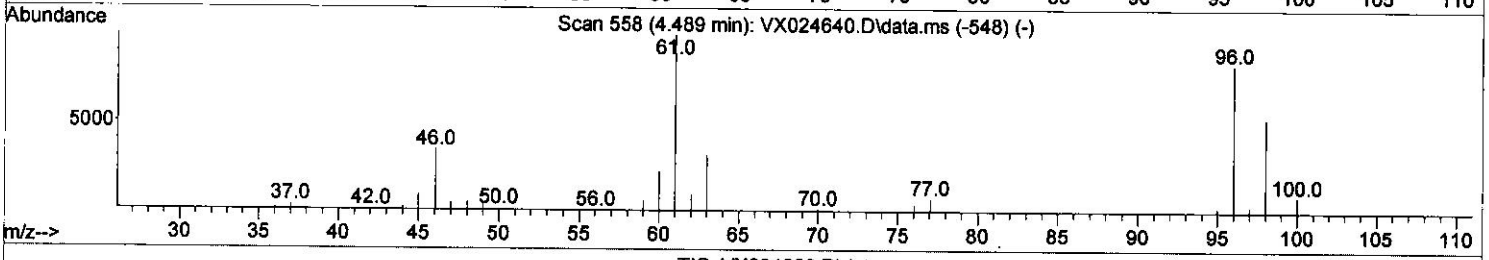


TIC: VX024660.D\data.ms

(20) cis-1,2-Dichloroethene (T)

4.483min (-0.006) 0.60 ug/L

response 1181

| Ion | Exp% | Act% |
|---|---|---|
| 96.00 | 100.00 | 100.00 |
| 61.00 | 125.40 | 119.65 |
| 68.00 | 0.00 | 0.00 |
| 0.00 | 0.00 | 0.00 |

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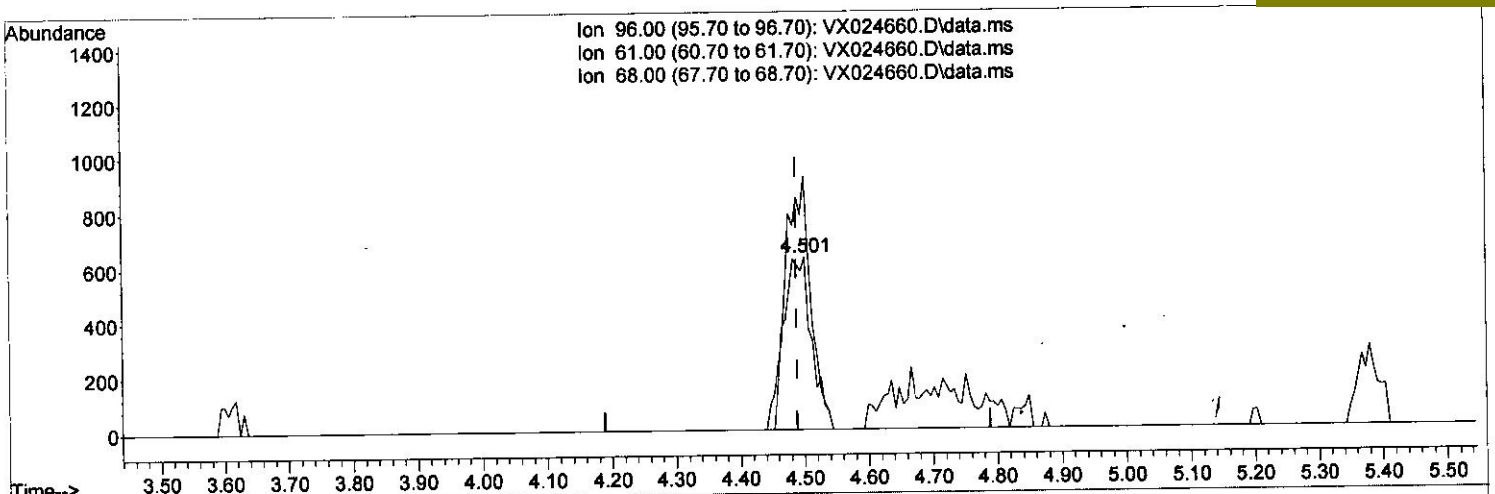
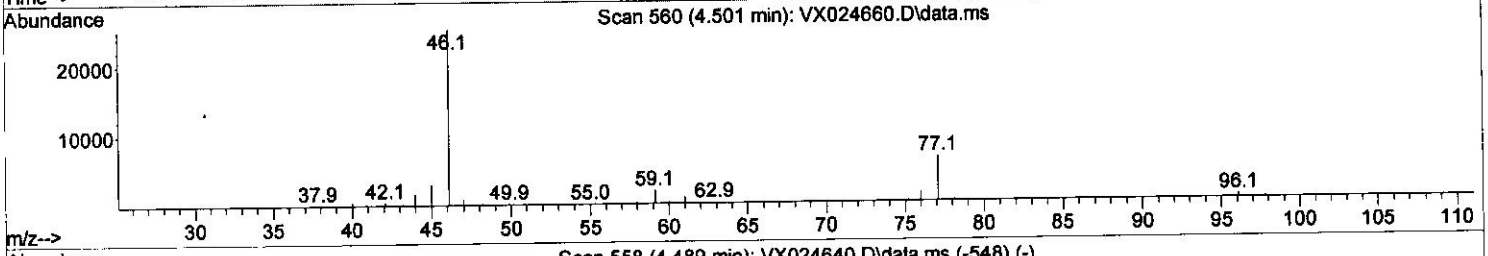
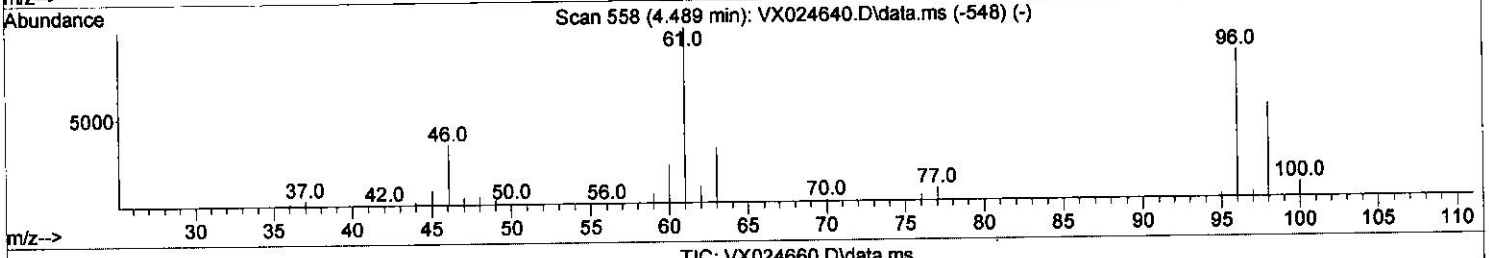
MMDadoda
10/11/2021 12:40:30 PM




TIC: VX024660.D\data.ms

(20) cis-1,2-Dichloroethene (T)

4.501min (+ 0.012) 0.94 ug/L m

response 1842

| Ion | Exp% | Act% |
|---|---|---|
| 96.00 | 100.00 | 100.00 |
| 61.00 | 125.40 | 146.26 |
| 68.00 | 0.00 | 0.00 |
| 0.00 | 0.00 | 0.00 |

Quantitation Report (Qedit)

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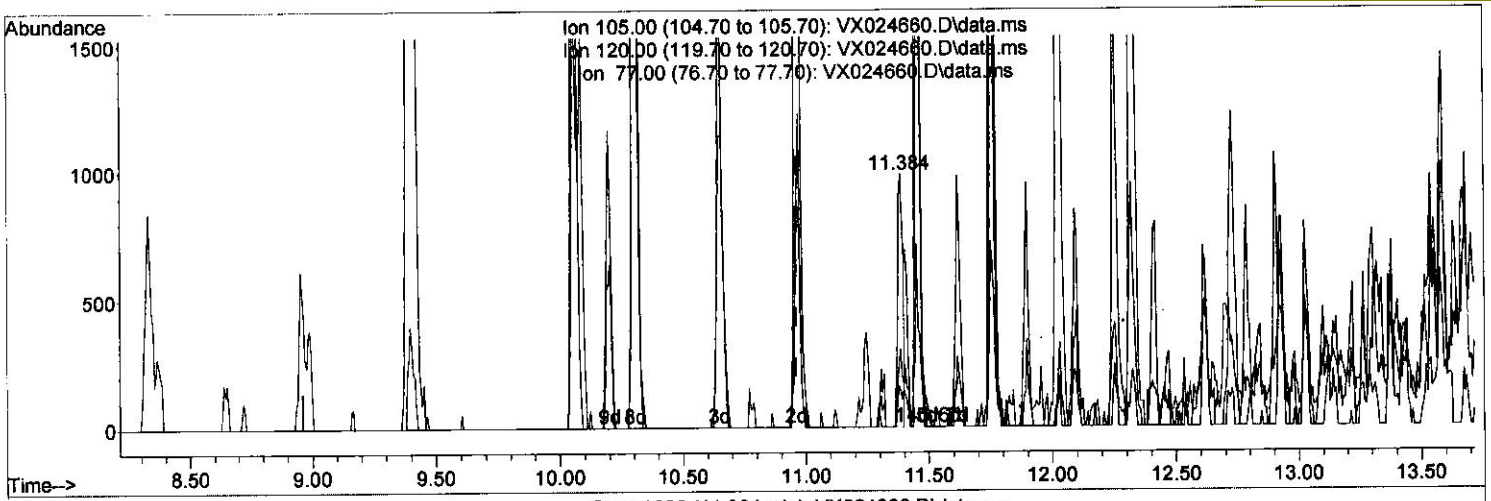


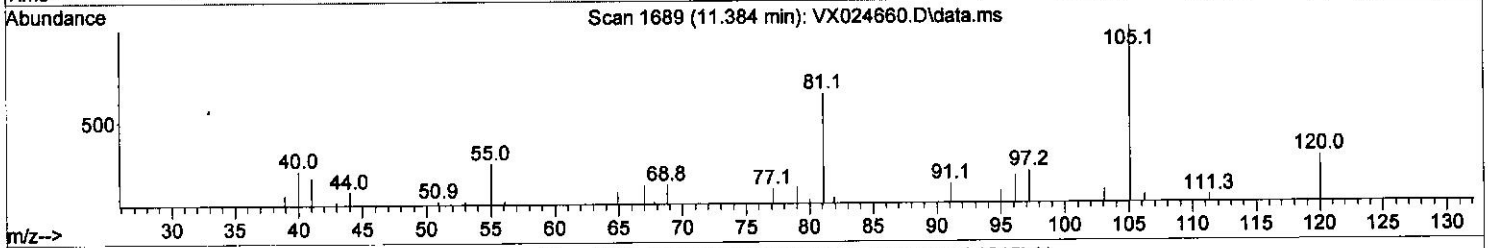


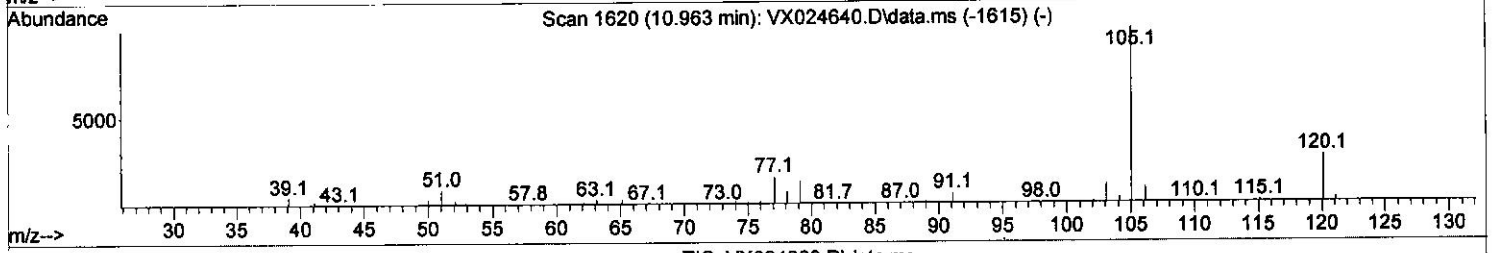


TIC: VX024660.D\data.ms

(60) Isopropylbenzene

11.384min (+ 0.421) 0.16 ug/L

response 1397

| Ion | Exp% | Act% |
|---|---|---|
| 105.00 | 100.00 | 100.00 |
| 120.00 | 26.50 | 27.34 |
| 77.00 | 15.70 | 12.60 |
| 0.00 | 0.00 | 0.00 |

Quantitation Report (Qedit)

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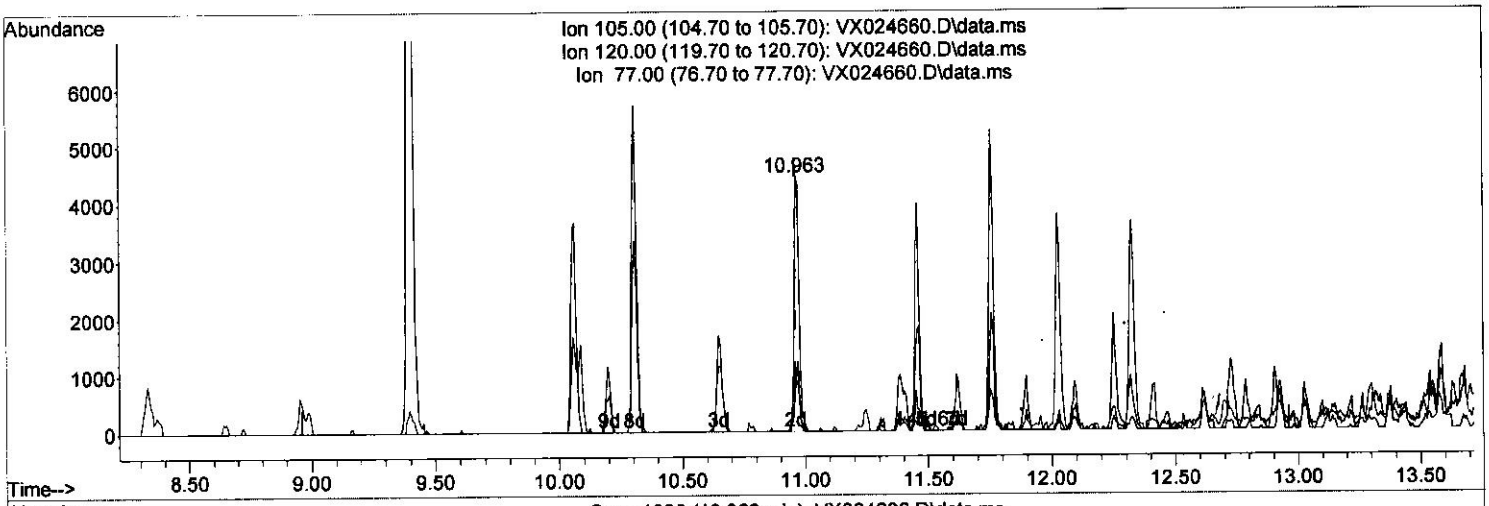
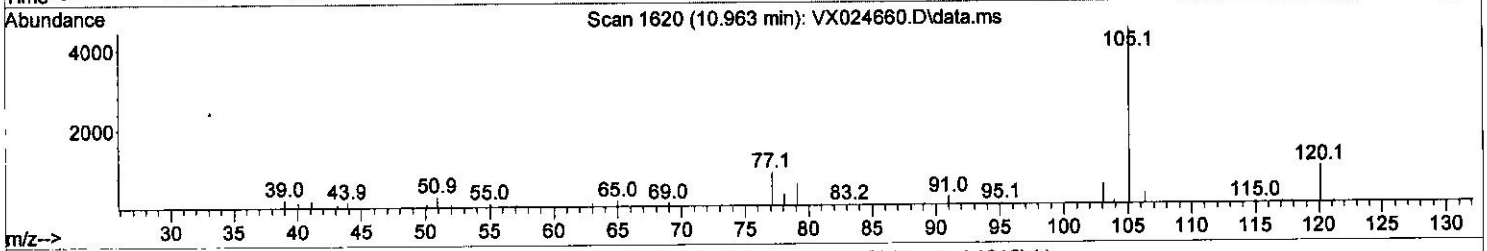
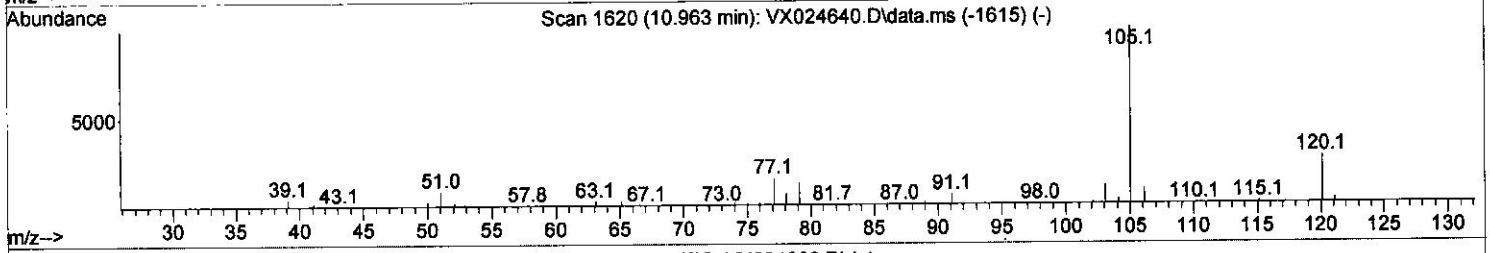
**Instrument :**
MSVOA_X
**ClientSampleId :**
EW918ME

**Manual Integrations APPROVED**
MMDadoda
10/11/2021 12:40:30 PM




TIC: VX024660.D\data.ms

(60) Isopropylbenzene

10.963min (-0.000) 0.70 ug/L m 3 mD 10/19/21

response 6032

| Ion | Exp% | Act% |
|---|---|---|
| 105.00 | 100.00 | 100.00 |
| 120.00 | 26.50 | 6.33# |
| 77.00 | 15.70 | 2.92# |
| 0.00 | 0.00 | 0.00 |

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QLast Update : Thu Oct 07 23:05:28 2021
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**Instrument :** MSVOA_X
**ClientSampleId :** EW918ME

**Manual Integrations APPROVED**
MMDadoda
10/11/2021 12:40:30 PM

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| **Internal Standards** | | | | | | |
| 1) 1,4-Difluorobenzene | 6.763 | 114 | 266311 | 50.000 | ug/L | 0.00 |
| 28) Chlorobenzene-d5 | 10.061 | 117 | 239904 | 50.000 | ug/L | 0.00 |
| 58) 1,4-Dichlorobenzene-d4 | 12.030 | 152 | 124900 | 50.000 | ug/L | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 4) Vinyl Chloride-d3 | 1.368 | 65 | 62479 | 37.892 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 60 - 135 | | Recovery = 75.780% | | | |
| 7) Chloroethane-d5 | 1.648 | 69 | 22257 | 20.505 | ug/L | -0.01 |
| Spiked Amount 50.000 | Range 70 - 130 | | Recovery = 41.020%# | | | |
| 11) 1,1-Dichloroethene-d2 | 2.270 | 63 | 88265 | 27.264 | ug/L | -0.04 |
| Spiked Amount 50.000 | Range 60 - 125 | | Recovery = 54.520%# | | | |
| 21) 2-Butanone-d5 | 4.507 | 46 | 98407 | 72.593 | ug/L | 0.05 |
| Spiked Amount 100.000 | Range 40 - 130 | | Recovery = 72.590% | | | |
| 24) Chloroform-d | 5.068 | 84 | 141848 | 42.476 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 70 - 125 | | Recovery = 84.960% | | | |
| 26) 1,2-Dichloroethane-d4 | 5.964 | 65 | 105897 | 44.837 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 70 - 125 | | Recovery = 89.680% | | | |
| 32) Benzene-d6 | 5.970 | 84 | 294766 | 43.617 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 70 - 125 | | Recovery = 87.240% | | | |
| 36) 1,2-Dichloropropane-d6 | 7.312 | 67 | 91271 | 43.181 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 70 - 120 | | Recovery = 86.360% | | | |
| 41) Toluene-d8 | 8.653 | 98 | 268031 | 40.708 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 80 - 120 | | Recovery = 81.420% | | | |
| 43) trans-1,3-Dichloroprop... | 8.952 | 79 | 40670 | 38.832 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 60 - 125 | | Recovery = 77.660% | | | |
| 47) 2-Hexanone-d5 | 9.397 | 63 | 94042 | 94.771 | ug/L | 0.01 |
| Spiked Amount 100.000 | Range 45 - 130 | | Recovery = 94.770% | | | |
| 56) 1,1,2,2-Tetrachloroeth... | 11.201 | 84 | 131657 | 45.226 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 65 - 120 | | Recovery = 90.460% | | | |
| 66) 1,2-Dichlorobenzene-d4 | 12.323 | 152 | 111094 | 45.460 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 80 - 120 | | Recovery = 90.920% | | | |
| **Target Compounds** | | | | | | Qvalue |
| 15) Methyl Acetate | 2.727 | 43 | 2136 | 1.001 | ug/L # | 78 |
| 16) Methylene chloride | 2.776 | 84 | 3466 | 1.883 | ug/L | 90 |
| 17) trans-1,2-Dichloroethene | 3.075 | 96 | 1221 | 0.704 | ug/L | 80 |
| 20) cis-1,2-Dichloroethene | 4.501 | 96 | 1842m | 0.941 | ug/L | |
| 27) 1,2-Dichloroethane | 6.086 | 62 | 1938 | 0.682 | ug/L # | 73 |
| 34) Trichloroethene | 7.129 | 95 | 8018 | 3.930 | ug/L | 91 |
| 42) Toluene | 8.720 | 91 | 10316 | 1.247 | ug/L | 83 |
| 52) Ethylbenzene | 10.195 | 91 | 16308 | 1.914 | ug/L | 92 |
| 53) m,p-Xylene | 10.305 | 106 | 16052 | 4.823 | ug/L | 86 |
| 54) o-Xylene | 10.646 | 106 | 5351 | 1.610 | ug/L | 89 |
| 60) Isopropylbenzene | 10.963 | 105 | 6032m | 0.701 | ug/L | |
| 62) 1,3,5-Trimethylbenzene | 11.457 | 105 | 4840 | 0.641 | ug/L | 94 |
| 63) 1,2,4-Trimethylbenzene | 11.756 | 105 | 6448 | 0.873 | ug/L | 90 |
| 65) 1,4-Dichlorobenzene | 12.049 | 146 | 2904 | 0.725 | ug/L | 95 |
| 67) 1,2-Dichlorobenzene | 12.335 | 146 | 2596 | 0.656 | ug/L # | 83 |

MP 10/19/21

(#) = qualifier out of range (m) = manual integration (+) = signals summed