

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX120821\  
 Data File : VX025614.D  
 Acq On : 08 Dec 2021 12:29  
 Operator : JC/MD  
 Sample : M4884-01ME  
 Misc : 3.91g/5.0mL/100uL/5.0mL/MSVOA\_X/MEOH  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :

Quant Time: Dec 09 01:42:00 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\SFAMXML112221WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Thu Dec 09 01:41:02 2021  
 Response via : Initial Calibration

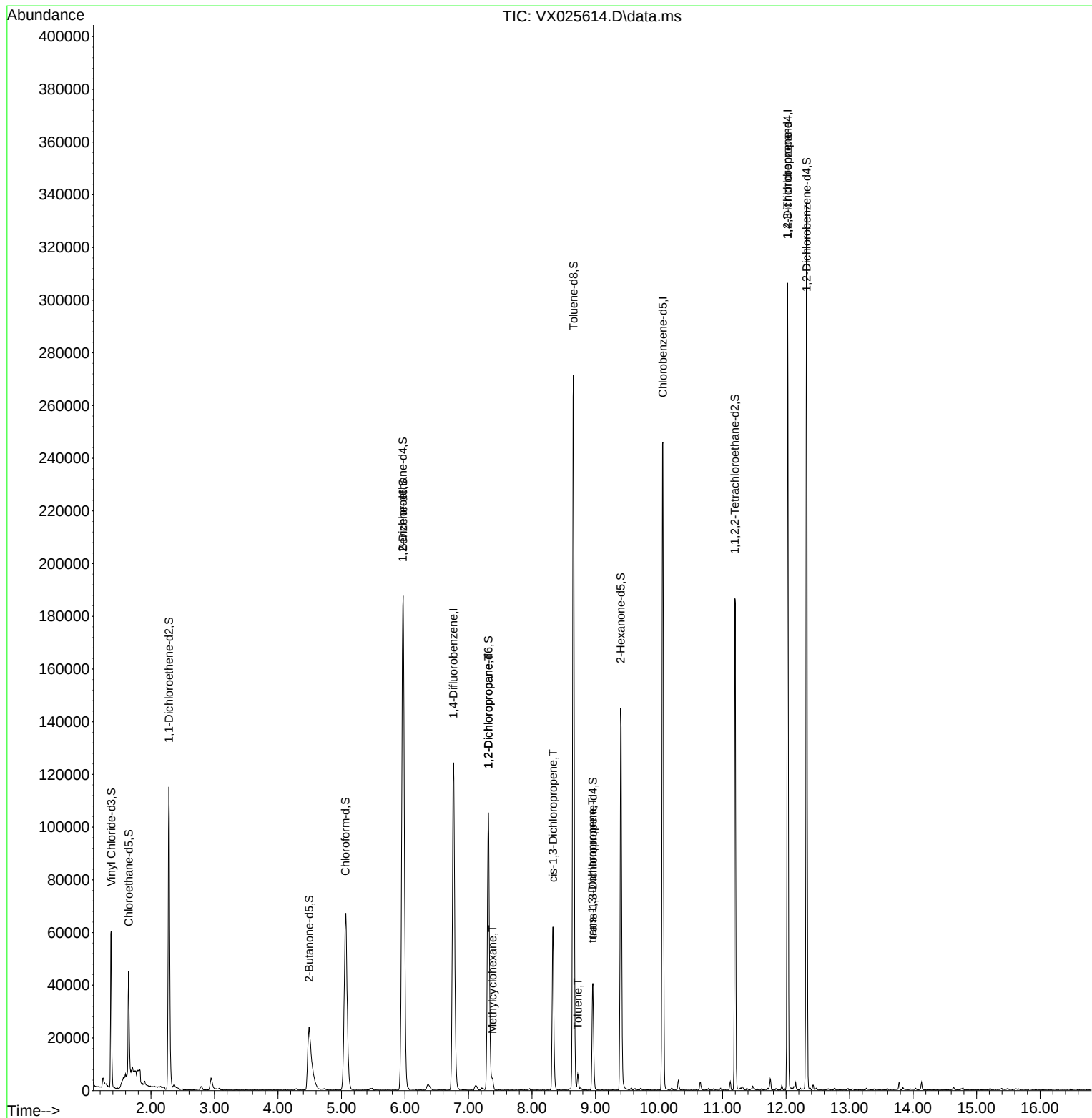
| Compound                      | R.T.    | QIon  | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|---------|-------|----------|----------|--------|----------|
| -----                         |         |       |          |          |        |          |
| Internal Standards            |         |       |          |          |        |          |
| 1) 1,4-Difluorobenzene        | 6.763   | 114   | 144534   | 50.000   | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 10.061  | 117   | 129312   | 50.000   | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 12.024  | 152   | 65193    | 50.000   | ug/L   | 0.00     |
|                               |         |       |          |          |        |          |
| System Monitoring Compounds   |         |       |          |          |        |          |
| 4) Vinyl Chloride-d3          | 1.373   | 65    | 44247    | 44.858   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 60 - 135 | Recovery | =      | 89.720%  |
| 7) Chloroethane-d5            | 1.648   | 69    | 24240    | 29.775   | ug/L   | -0.02    |
| Spiked Amount                 | 50.000  | Range | 70 - 130 | Recovery | =      | 59.560%# |
| 11) 1,1-Dichloroethene-d2     | 2.282   | 63    | 67584    | 42.972   | ug/L   | -0.02    |
| Spiked Amount                 | 50.000  | Range | 60 - 125 | Recovery | =      | 85.940%  |
| 21) 2-Butanone-d5             | 4.489   | 46    | 66196    | 90.154   | ug/L   | 0.04     |
| Spiked Amount                 | 100.000 | Range | 40 - 130 | Recovery | =      | 90.150%  |
| 24) Chloroform-d              | 5.062   | 84    | 86260    | 50.038   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 70 - 125 | Recovery | =      | 100.080% |
| 26) 1,2-Dichloroethane-d4     | 5.964   | 65    | 56463    | 52.547   | ug/L   | 0.01     |
| Spiked Amount                 | 50.000  | Range | 70 - 125 | Recovery | =      | 105.100% |
| 32) Benzene-d6                | 5.970   | 84    | 187892   | 54.824   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 70 - 125 | Recovery | =      | 109.640% |
| 36) 1,2-Dichloropropane-d6    | 7.311   | 67    | 55701    | 52.494   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 70 - 120 | Recovery | =      | 104.980% |
| 41) Toluene-d8                | 8.653   | 98    | 174377   | 53.905   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 80 - 120 | Recovery | =      | 107.820% |
| 43) trans-1,3-Dichloroprop... | 8.957   | 79    | 21994    | 41.228   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 60 - 125 | Recovery | =      | 82.460%  |
| 47) 2-Hexanone-d5             | 9.396   | 63    | 48220    | 87.301   | ug/L   | 0.01     |
| Spiked Amount                 | 100.000 | Range | 45 - 130 | Recovery | =      | 87.300%  |
| 56) 1,1,2,2-Tetrachloroeth... | 11.195  | 84    | 72685    | 48.469   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 65 - 120 | Recovery | =      | 96.940%  |
| 66) 1,2-Dichlorobenzene-d4    | 12.323  | 152   | 68418    | 53.508   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 80 - 120 | Recovery | =      | 107.020% |
|                               |         |       |          |          |        |          |
| Target Compounds              |         |       |          |          |        | Qvalue   |
| 35) Methylcyclohexane         | 7.378   | 83    | 1832     | 1.281    | ug/L # | 84       |
| 37) 1,2-Dichloropropane       | 7.311   | 63    | 6458     | 7.453    | ug/L # | 85       |
| 39) cis-1,3-Dichloropropene   | 8.329   | 75    | 1508     | 1.069    | ug/L # | 59       |
| 42) Toluene                   | 8.720   | 91    | 3910     | 1.026    | ug/L   | 93       |
| 44) trans-1,3-Dichloropropene | 8.951   | 75    | 1153     | 0.850    | ug/L   | 96       |
| 61) 1,2,3-Trichloropropane    | 12.024  | 75    | 7194     | 6.451    | ug/L # | 62       |
| -----                         |         |       |          |          |        |          |

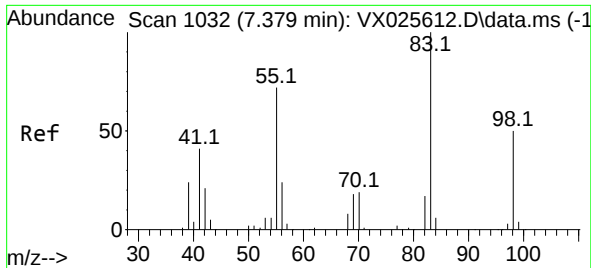
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX120821\  
Data File : VX025614.D  
Acq On : 08 Dec 2021 12:29  
Operator : JC/MD  
Sample : M4884-01ME  
Misc : 3.91g/5.0mL/100uL/5.0mL/MSVOA\_X/MEOH  
ALS Vial : 4 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :

Quant Time: Dec 09 01:42:00 2021  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\SFAMXLM112221WMA.M  
Quant Title : VOC Analysis  
QLast Update : Thu Dec 09 01:41:02 2021  
Response via : Initial Calibration

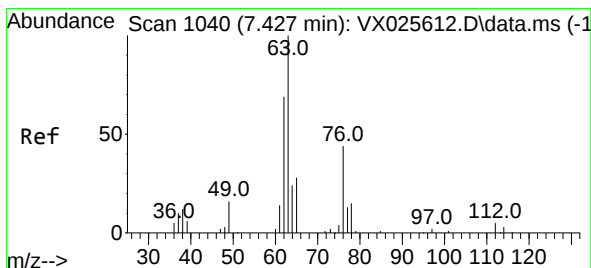
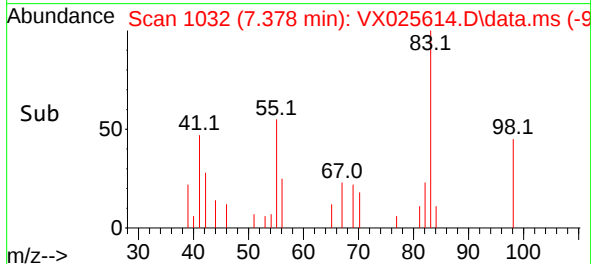
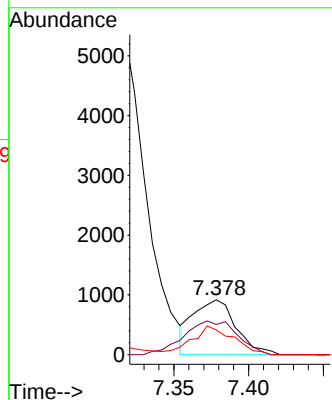
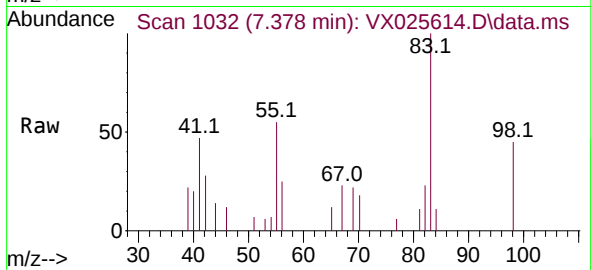




#35  
Methylcyclohexane  
Concen: 1.281 ug/L  
RT: 7.378 min Scan# 1021  
Delta R.T. -0.000 min  
Lab File: VX025614.D  
Acq: 08 Dec 2021 12:29

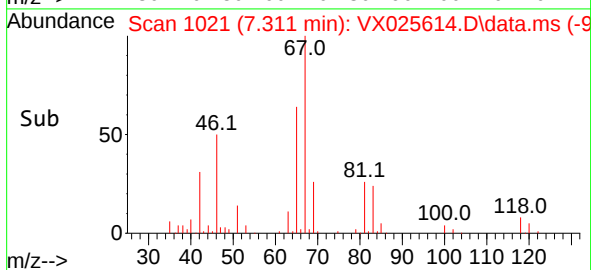
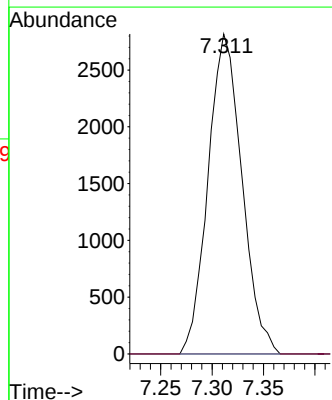
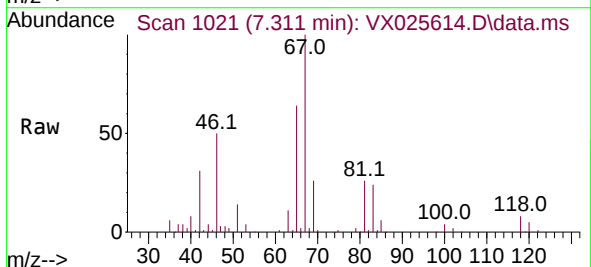
Instrument :  
MSVOA\_X  
ClientSampleId :

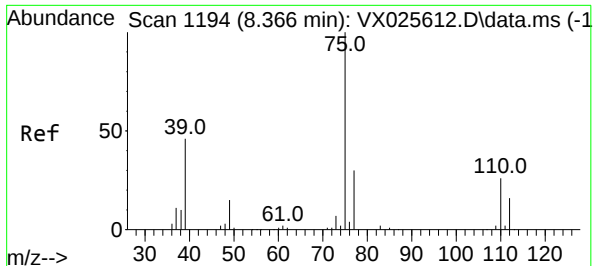
Tgt Ion: 83 Resp: 1832  
Ion Ratio Lower Upper  
83 100  
55 50.2 57.3 85.9#  
98 50.0 41.1 61.7



#37  
1,2-Dichloropropane  
Concen: 7.453 ug/L  
RT: 7.311 min Scan# 1021  
Delta R.T. -0.116 min  
Lab File: VX025614.D  
Acq: 08 Dec 2021 12:29

Tgt Ion: 63 Resp: 6458  
Ion Ratio Lower Upper  
63 100  
112 0.0 4.0 6.0#





#39

cis-1,3-Dichloropropene

Concen: 1.069 ug/L

RT: 8.329 min Scan# 1188

Delta R.T. -0.037 min

Lab File: VX025614.D

Acq: 08 Dec 2021 12:29

Instrument :

MSVOA\_X

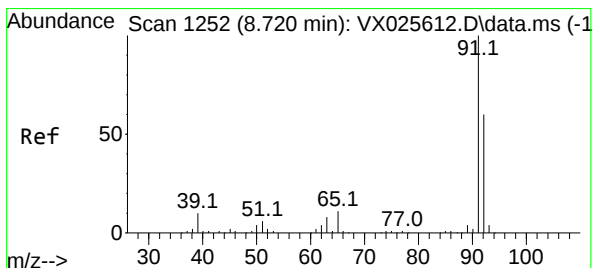
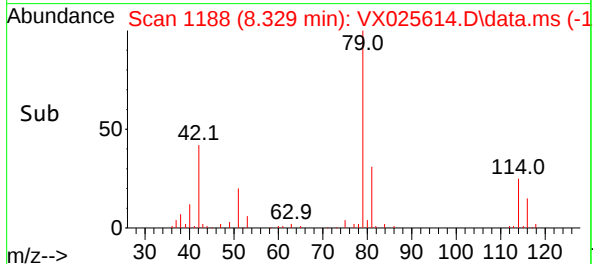
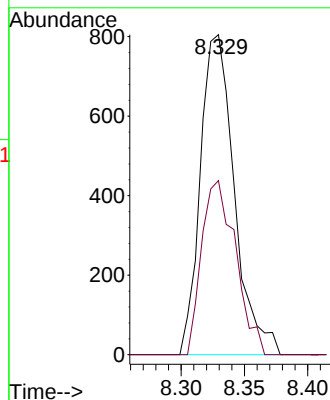
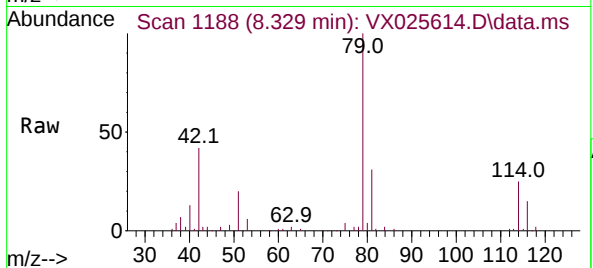
ClientSampleId :

Tgt Ion: 75 Resp: 1508

Ion Ratio Lower Upper

75 100

77 54.4 22.3 41.3#



#42

Toluene

Concen: 1.026 ug/L

RT: 8.720 min Scan# 1252

Delta R.T. -0.000 min

Lab File: VX025614.D

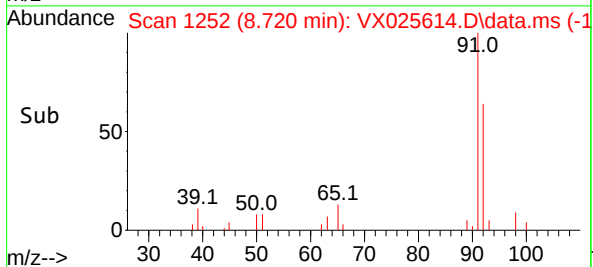
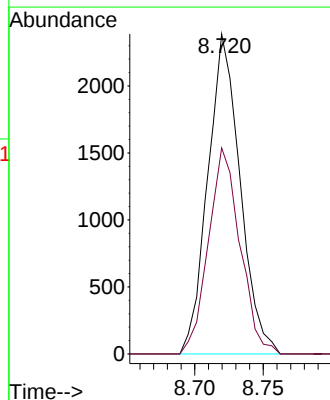
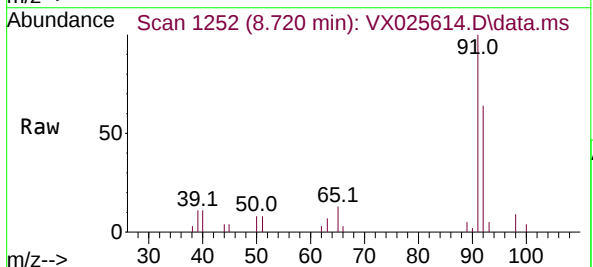
Acq: 08 Dec 2021 12:29

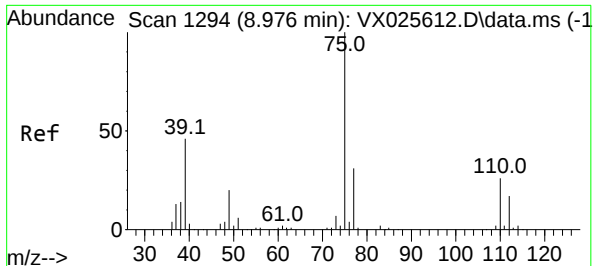
Tgt Ion: 91 Resp: 3910

Ion Ratio Lower Upper

91 100

92 64.4 41.2 76.6





#44

trans-1,3-Dichloropropene

Concen: 0.850 ug/L

RT: 8.951 min Scan# 11

Delta R.T. -0.025 min

Lab File: VX025614.D

Acq: 08 Dec 2021 12:29

Instrument :

MSVOA\_X

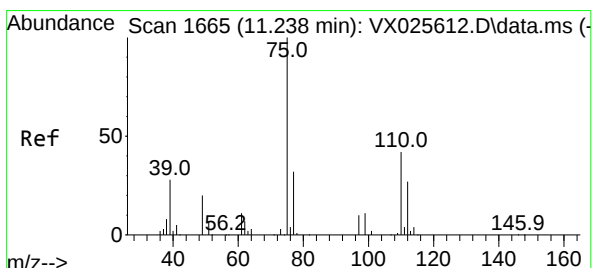
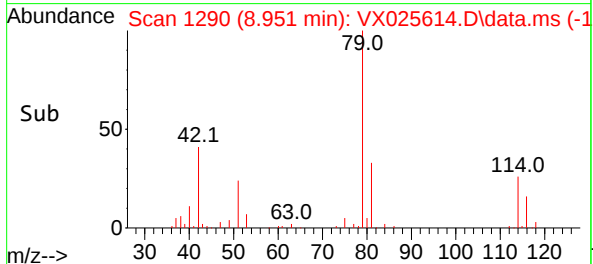
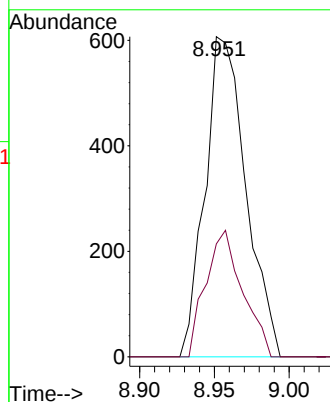
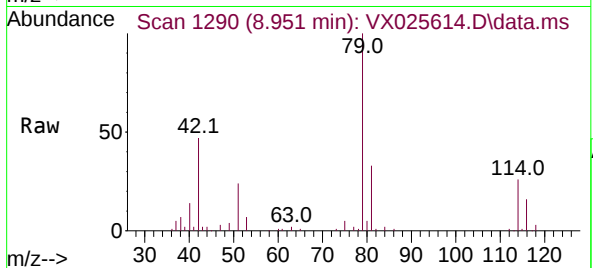
ClientSampleId :

Tgt Ion: 75 Resp: 1153

Ion Ratio Lower Upper

75 100

77 35.3 23.0 42.8



#61

1,2,3-Trichloropropane

Concen: 6.451 ug/L

RT: 12.024 min Scan# 1794

Delta R.T. 0.786 min

Lab File: VX025614.D

Acq: 08 Dec 2021 12:29

Tgt Ion: 75 Resp: 7194

Ion Ratio Lower Upper

75 100

77 34.5 25.8 38.8

110 3.1 34.7 52.1#

