

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VV033022\  
 Data File : VV025309.D  
 Acq On : 30 Mar 2022 12:02  
 Operator : SY/MD  
 Sample : N2166-08RE  
 Misc : 25mL/MSVOA\_V/WATER  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :

Quant Time: Mar 31 01:27:03 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVTR032622WMA.M  
 Quant Title : TRACE VOA SFAM1.0  
 QLast Update : Thu Mar 31 01:26:10 2022  
 Response via : Initial Calibration

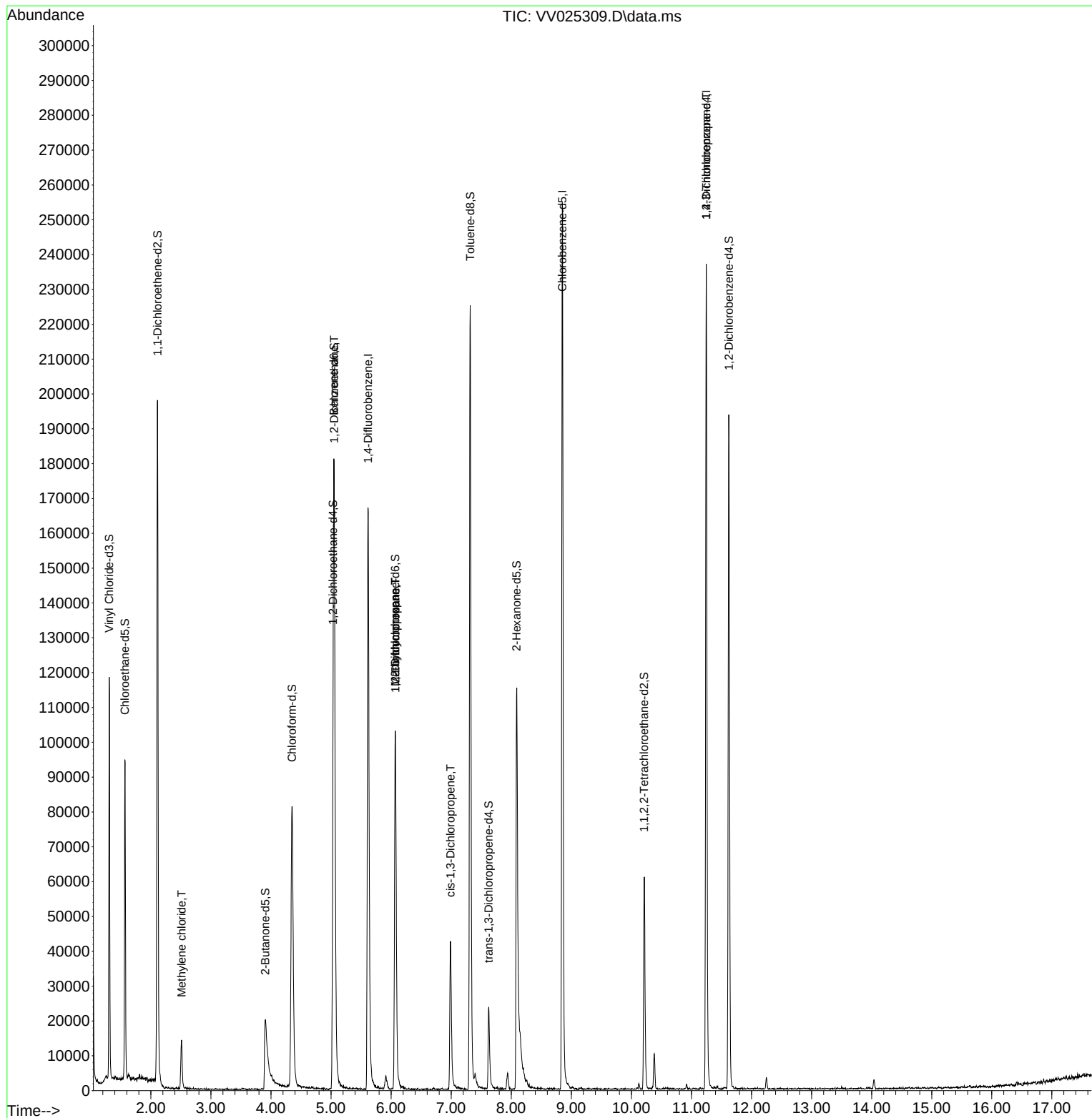
| Compound                      | R.T.   | QIon           | Response | Conc   | Units    | Dev(Min) |
|-------------------------------|--------|----------------|----------|--------|----------|----------|
| -----                         |        |                |          |        |          |          |
| Internal Standards            |        |                |          |        |          |          |
| 1) 1,4-Difluorobenzene        | 5.616  | 114            | 148557   | 5.000  | ug/L     | 0.00     |
| 28) Chlorobenzene-d5          | 8.850  | 117            | 146812   | 5.000  | ug/L     | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.246 | 152            | 61399    | 5.000  | ug/L     | 0.00     |
| System Monitoring Compounds   |        |                |          |        |          |          |
| 4) Vinyl Chloride-d3          | 1.307  | 65             | 72320    | 5.212  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 40 - 130 | Recovery | =      | 104.200% |          |
| 7) Chloroethane-d5            | 1.568  | 69             | 58104    | 4.989  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 65 - 130 | Recovery | =      | 99.800%  |          |
| 11) 1,1-Dichloroethene-d2     | 2.111  | 63             | 102247   | 3.402  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 60 - 125 | Recovery | =      | 68.000%  |          |
| 20) 2-Butanone-d5             | 3.905  | 46             | 45736    | 33.088 | ug/L     | 0.00     |
| Spiked Amount                 | 50.000 | Range 40 - 130 | Recovery | =      | 66.180%  |          |
| 24) Chloroform-d              | 4.352  | 84             | 86926    | 4.800  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 70 - 125 | Recovery | =      | 96.000%  |          |
| 26) 1,2-Dichloroethane-d4     | 5.034  | 65             | 39321    | 4.912  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 70 - 130 | Recovery | =      | 98.200%  |          |
| 32) Benzene-d6                | 5.050  | 84             | 174430   | 4.696  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 70 - 125 | Recovery | =      | 94.000%  |          |
| 36) 1,2-Dichloropropane-d6    | 6.069  | 67             | 50348    | 4.837  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 60 - 140 | Recovery | =      | 96.800%  |          |
| 41) Toluene-d8                | 7.317  | 98             | 147860   | 4.340  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 70 - 130 | Recovery | =      | 86.800%  |          |
| 43) trans-1,3-Dichloroprop... | 7.625  | 79             | 14204    | 4.183  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 55 - 130 | Recovery | =      | 83.600%  |          |
| 46) 2-Hexanone-d5             | 8.088  | 63             | 43679    | 35.615 | ug/L     | 0.00     |
| Spiked Amount                 | 50.000 | Range 45 - 130 | Recovery | =      | 71.220%  |          |
| 56) 1,1,2,2-Tetrachloroeth... | 10.214 | 84             | 29701    | 4.279  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 65 - 120 | Recovery | =      | 85.600%  |          |
| 66) 1,2-Dichlorobenzene-d4    | 11.622 | 152            | 49484    | 5.018  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 80 - 120 | Recovery | =      | 100.400% |          |
| Target Compounds              |        |                |          |        |          |          |
|                               |        |                |          |        | Qvalue   |          |
| 16) Methylene chloride        | 2.513  | 84             | 6426     | 0.547  | ug/L     | 84       |
| 27) 1,2-Dichloroethane        | 5.053  | 62             | 1065     | 0.104  | ug/L #   | 73       |
| 35) Methylcyclohexane         | 6.069  | 83             | 12597    | 0.680  | ug/L #   | 21       |
| 37) 1,2-Dichloropropane       | 6.072  | 63             | 5948     | 0.595  | ug/L #   | 84       |
| 39) cis-1,3-Dichloropropene   | 6.989  | 75             | 1253     | 0.097  | ug/L #   | 68       |
| 61) 1,2,3-Trichloropropane    | 11.246 | 75             | 7330     | 1.578  | ug/L #   | 66       |
| -----                         |        |                |          |        |          |          |

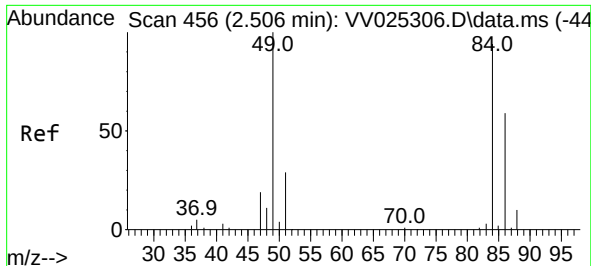
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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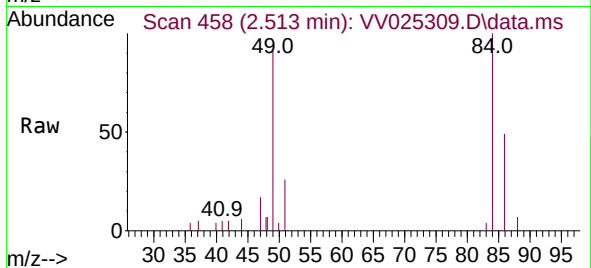
Quant Time: Mar 31 01:27:03 2022  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVTR032622WMA.M  
Quant Title : TRACE VOA SFAM1.0  
QLast Update : Thu Mar 31 01:26:10 2022  
Response via : Initial Calibration



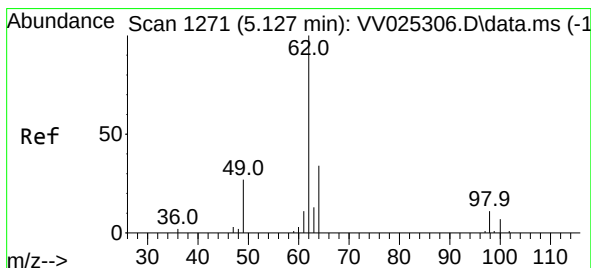
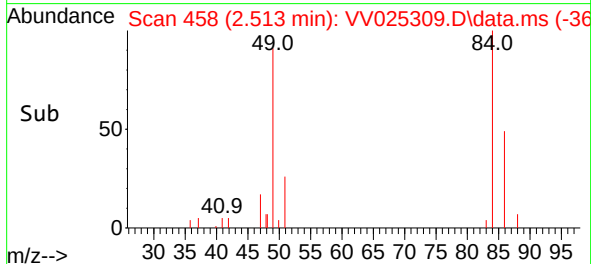
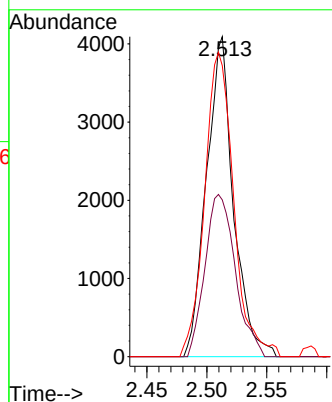


#16  
Methylene chloride  
Concen: 0.547 ug/L  
RT: 2.513 min Scan# 41  
Delta R.T. 0.006 min  
Lab File: VV025309.D  
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Instrument :  
MSVOA\_V  
ClientSampleId :

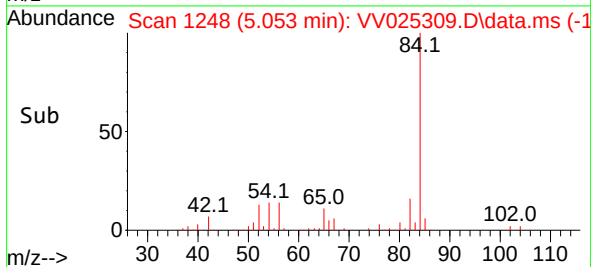
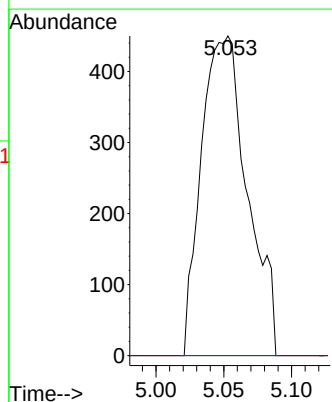
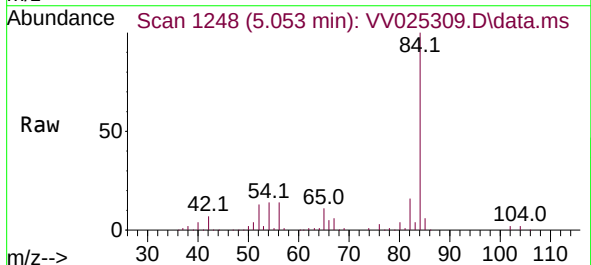


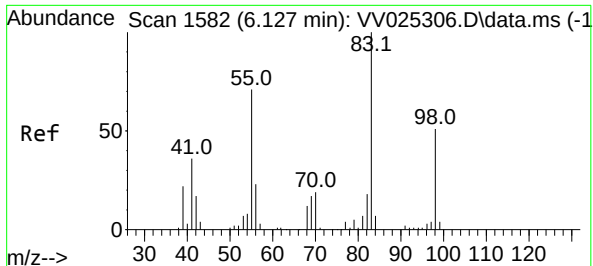
Tgt Ion: 84 Resp: 6426  
Ion Ratio Lower Upper  
84 100  
86 49.0 43.5 80.7  
49 91.0 74.5 138.3



#27  
1,2-Dichloroethane  
Concen: 0.104 ug/L  
RT: 5.053 min Scan# 1248  
Delta R.T. -0.074 min  
Lab File: VV025309.D  
Acq: 30 Mar 2022 12:02

Tgt Ion: 62 Resp: 1065  
Ion Ratio Lower Upper  
62 100  
98 0.0 7.9 11.9#





#35

Methylcyclohexane

Concen: 0.680 ug/L

RT: 6.069 min Scan# 1564

Delta R.T. -0.058 min

Lab File: VV025309.D

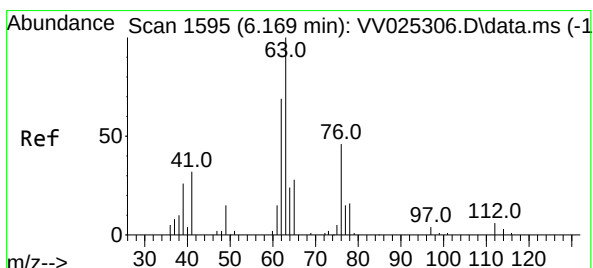
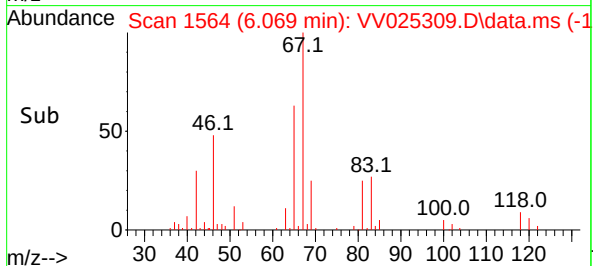
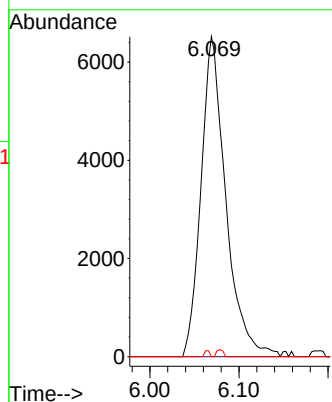
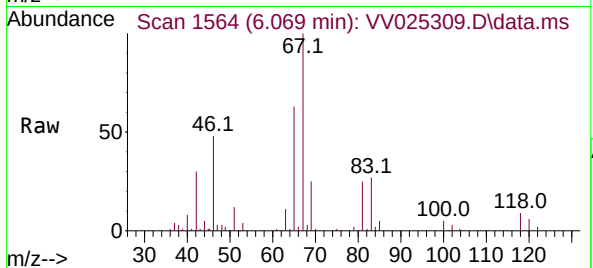
Acq: 30 Mar 2022 12:02

Instrument :

MSVOA\_V

ClientSampleId :

|             |                |
|-------------|----------------|
| Tgt Ion: 83 | Resp: 12597    |
| Ion Ratio   | Lower Upper    |
| 83          | 100            |
| 55          | 0.0 54.6 81.8# |
| 98          | 0.4 39.8 59.6# |



#37

1,2-Dichloropropane

Concen: 0.595 ug/L

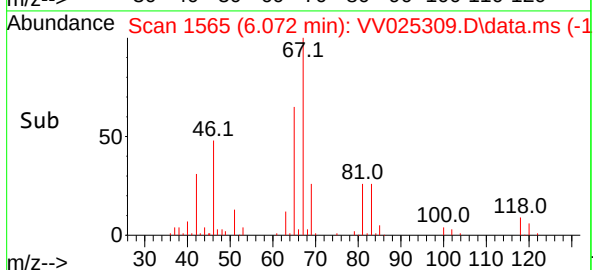
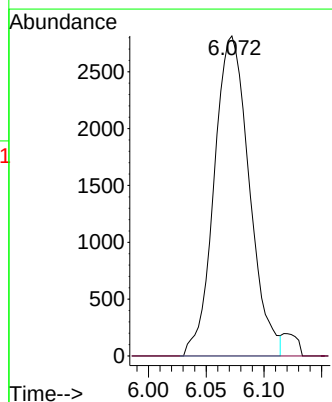
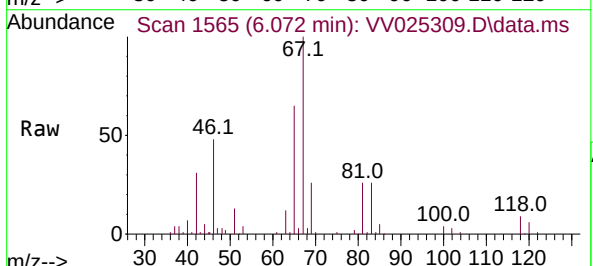
RT: 6.072 min Scan# 1565

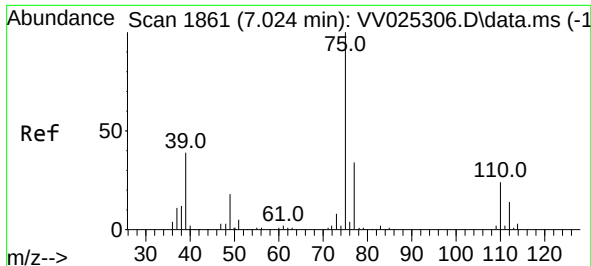
Delta R.T. -0.096 min

Lab File: VV025309.D

Acq: 30 Mar 2022 12:02

|             |              |
|-------------|--------------|
| Tgt Ion: 63 | Resp: 5948   |
| Ion Ratio   | Lower Upper  |
| 63          | 100          |
| 112         | 0.0 4.2 6.2# |





#39

cis-1,3-Dichloropropene

Concen: 0.097 ug/L

RT: 6.989 min Scan# 11

Delta R.T. -0.035 min

Lab File: VV025309.D

Acq: 30 Mar 2022 12:02

Instrument :

MSVOA\_V

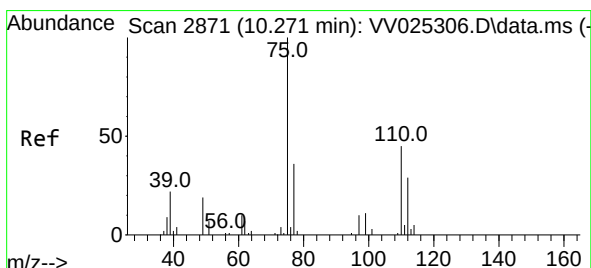
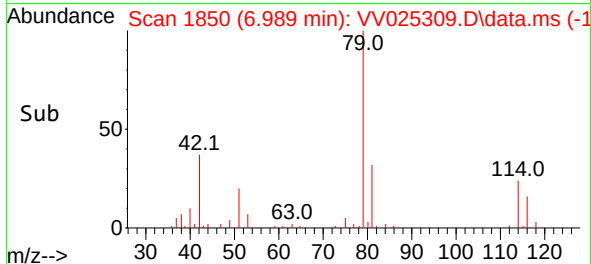
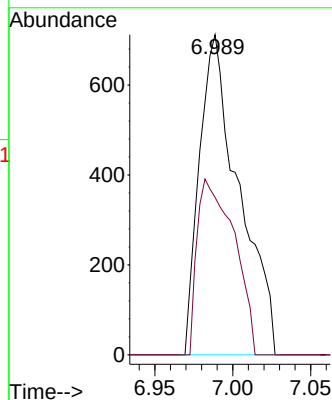
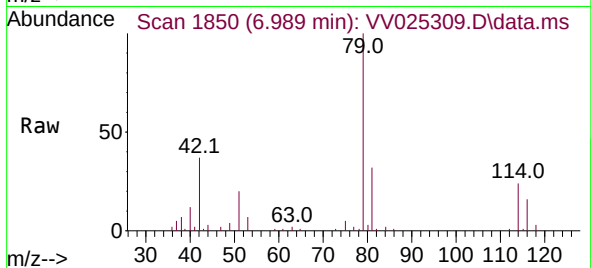
ClientSampleId :

Tgt Ion: 75 Resp: 1253

Ion Ratio Lower Upper

75 100

77 49.2 22.1 41.1#



#61

1,2,3-Trichloropropane

Concen: 1.578 ug/L

RT: 11.246 min Scan# 3174

Delta R.T. 0.974 min

Lab File: VV025309.D

Acq: 30 Mar 2022 12:02

Tgt Ion: 75 Resp: 7330

Ion Ratio Lower Upper

75 100

77 33.2 25.8 38.6

110 2.6 31.6 47.4#

