

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU121923\  
 Data File : VU057065.D  
 Acq On : 20 Dec 2023 00:02  
 Operator : MD/SY  
 Sample : 05865-08  
 Misc : 25.0mL/MSVOA\_U/WATER  
 ALS Vial : 37 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :

Quant Time: Dec 20 06:56:33 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\SFAMUTR121123WMA.M  
 Quant Title : TRACE VOA SFAM1.0  
 QLast Update : Wed Dec 20 06:35:40 2023  
 Response via : Initial Calibration

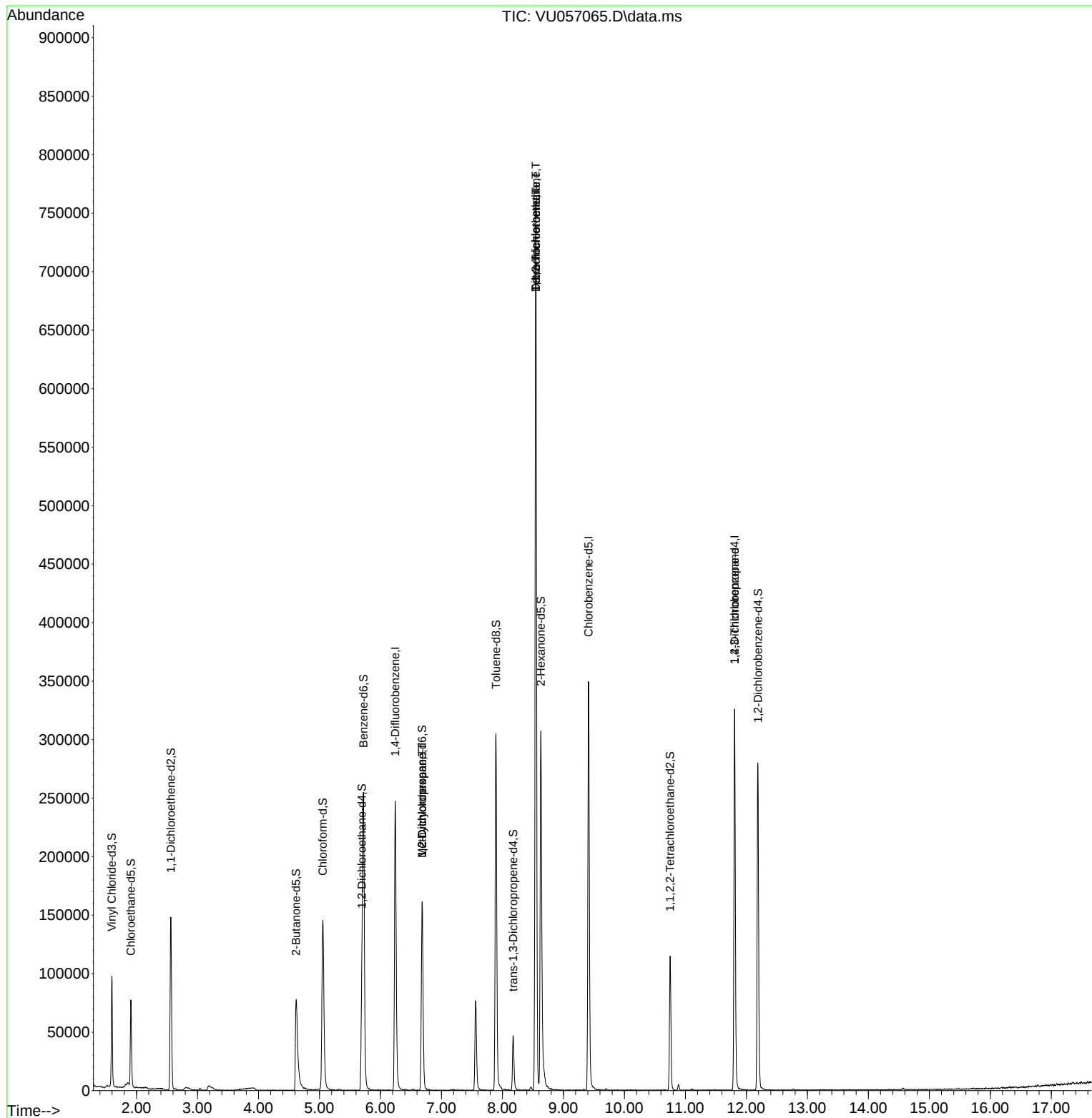
| Compound                      | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|--------|-------|----------|----------|--------|----------|
| -----                         |        |       |          |          |        |          |
| Internal Standards            |        |       |          |          |        |          |
| 1) 1,4-Difluorobenzene        | 6.242  | 114   | 199811   | 5.000    | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 9.412  | 117   | 197640   | 5.000    | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.807 | 152   | 86875    | 5.000    | ug/L   | 0.00     |
| System Monitoring Compounds   |        |       |          |          |        |          |
| 4) Vinyl Chloride-d3          | 1.596  | 65    | 66157    | 3.863    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 40 - 130 | Recovery | =      | 77.200%  |
| 7) Chloroethane-d5            | 1.907  | 69    | 55493    | 4.330    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 65 - 130 | Recovery | =      | 86.600%  |
| 11) 1,1-Dichloroethene-d2     | 2.563  | 65    | 28995    | 3.957    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 60 - 125 | Recovery | =      | 79.200%  |
| 20) 2-Butanone-d5             | 4.618  | 46    | 124459   | 36.797   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 40 - 130 | Recovery | =      | 73.600%  |
| 24) Chloroform-d              | 5.055  | 84    | 137487   | 4.239    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =      | 84.800%  |
| 26) 1,2-Dichloroethane-d4     | 5.695  | 65    | 68173    | 4.442    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =      | 88.800%  |
| 32) Benzene-d6                | 5.721  | 84    | 249661   | 4.073    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =      | 81.400%  |
| 36) 1,2-Dichloropropane-d6    | 6.685  | 67    | 76982    | 4.012    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 60 - 140 | Recovery | =      | 80.200%  |
| 41) Toluene-d8                | 7.894  | 98    | 213005   | 3.888    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =      | 77.800%  |
| 43) trans-1,3-Dichloroprop... | 8.177  | 79    | 29060    | 3.905    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 55 - 130 | Recovery | =      | 78.200%  |
| 46) 2-Hexanone-d5             | 8.631  | 63    | 103542   | 36.895   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 45 - 130 | Recovery | =      | 73.780%  |
| 56) 1,1,2,2-Tetrachloroeth... | 10.749 | 84    | 55968    | 4.032    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 65 - 120 | Recovery | =      | 80.600%  |
| 66) 1,2-Dichlorobenzene-d4    | 12.190 | 152   | 75313    | 4.410    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 80 - 120 | Recovery | =      | 88.200%  |
| Target Compounds              |        |       |          |          |        |          |
|                               |        |       |          |          | Qvalue |          |
| 35) Methylcyclohexane         | 6.682  | 83    | 19190    | 0.682    | ug/L # | 17       |
| 37) 1,2-Dichloropropane       | 6.685  | 63    | 8886     | 0.500    | ug/L # | 88       |
| 45) 1,1,2-Trichloroethane     | 8.547  | 97    | 1546     | 0.129    | ug/L # | 22       |
| 47) Tetrachloroethene         | 8.547  | 164   | 159923   | 11.993   | ug/L   | 98       |
| 49) Dibromochloromethane      | 8.547  | 129   | 166899   | 12.088   | ug/L # | 11       |
| 61) 1,2,3-Trichloropropane    | 11.807 | 75    | 9949     | 1.067    | ug/L # | 67       |
| -----                         |        |       |          |          |        |          |

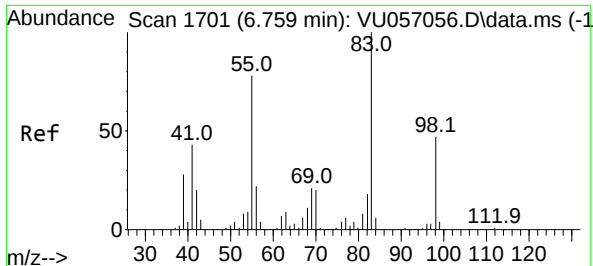
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#35

Methylcyclohexane

Concen: 0.682 ug/L

RT: 6.682 min Scan# 1

Delta R.T. -0.077 min

Lab File: VU057065.D

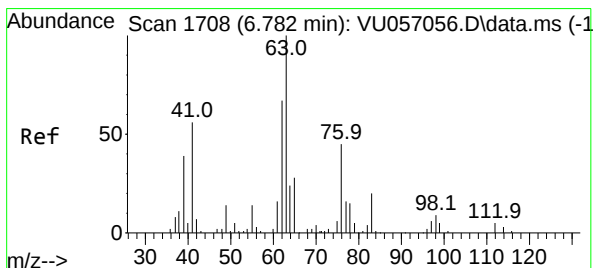
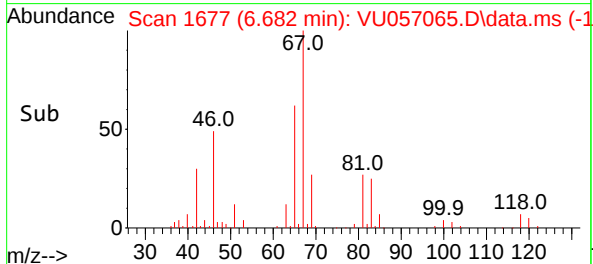
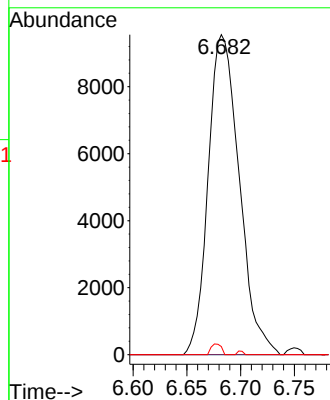
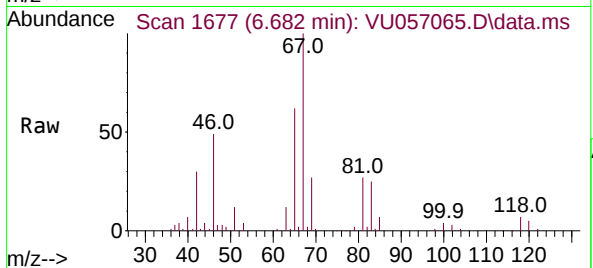
Acq: 20 Dec 2023 00:02

Instrument :

MSVOA\_U

ClientSampleId :

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 83    | Resp: | 19190 |
| Ion Ratio | Lower | Upper |       |
| 83        | 100   |       |       |
| 55        | 0.0   | 64.6  | 97.0# |
| 98        | 1.1   | 36.1  | 54.1# |



#37

1,2-Dichloropropane

Concen: 0.500 ug/L

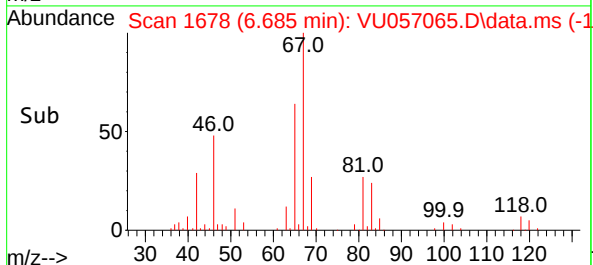
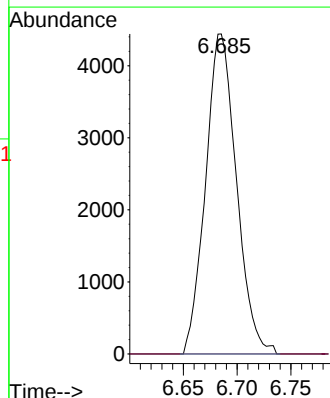
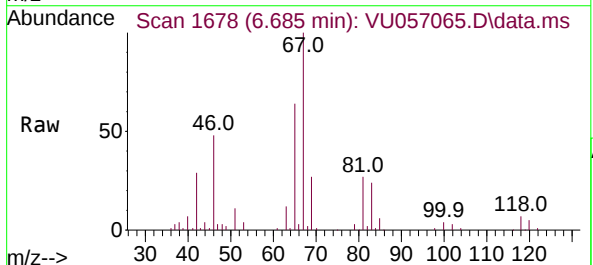
RT: 6.685 min Scan# 1678

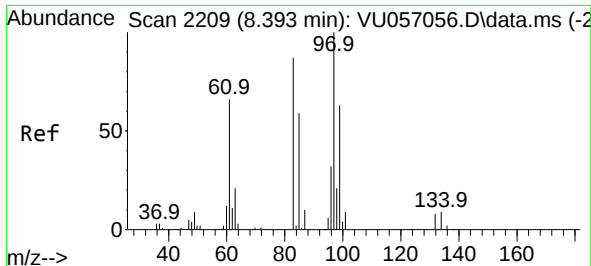
Delta R.T. -0.096 min

Lab File: VU057065.D

Acq: 20 Dec 2023 00:02

|           |       |       |      |
|-----------|-------|-------|------|
| Tgt Ion:  | 63    | Resp: | 8886 |
| Ion Ratio | Lower | Upper |      |
| 63        | 100   |       |      |
| 112       | 0.0   | 3.3   | 4.9# |





#45

1,1,2-Trichloroethane

Concen: 0.129 ug/L

RT: 8.547 min Scan# 2257

Delta R.T. 0.154 min

Lab File: VU057065.D

Acq: 20 Dec 2023 00:02

Instrument :

MSVOA\_U

ClientSampleId :

Tgt Ion: 97 Resp: 1546

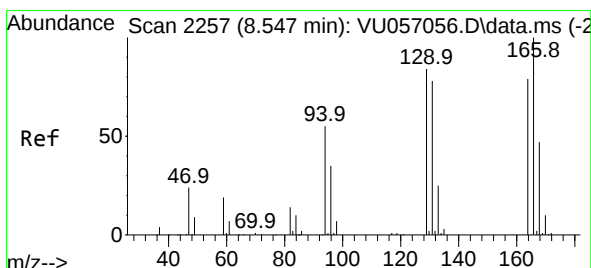
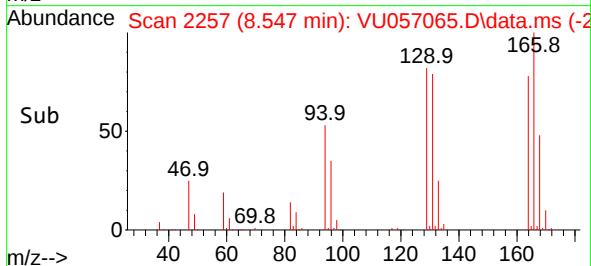
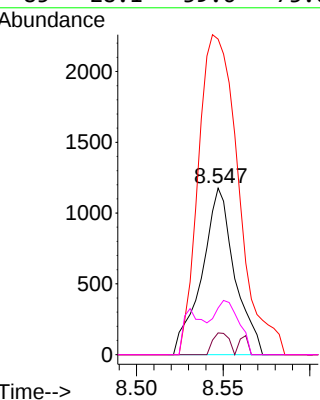
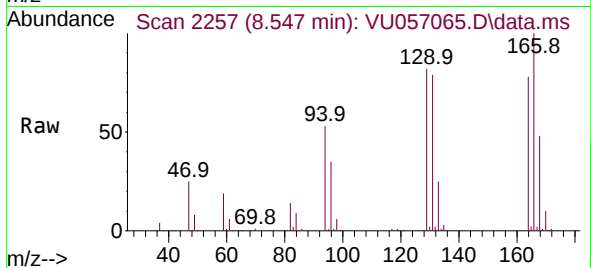
Ion Ratio Lower Upper

97 100

99 13.1 41.9 77.9#

83 189.5 59.1 109.7#

85 28.1 39.6 73.6#



#47

Tetrachloroethene

Concen: 11.993 ug/L

RT: 8.547 min Scan# 2257

Delta R.T. 0.000 min

Lab File: VU057065.D

Acq: 20 Dec 2023 00:02

Tgt Ion:164 Resp: 159923

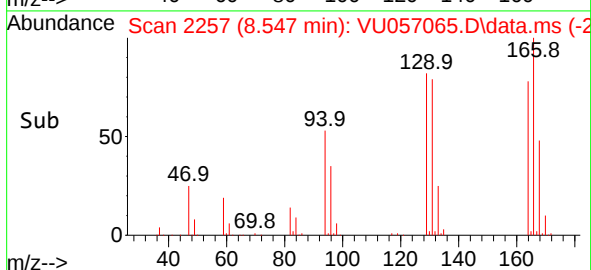
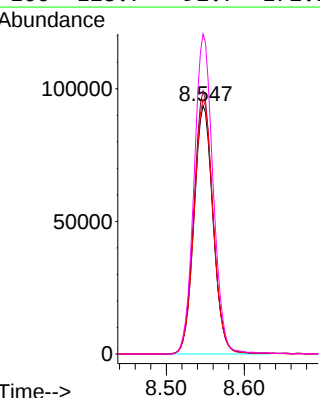
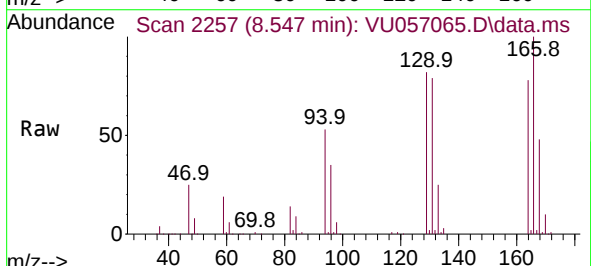
Ion Ratio Lower Upper

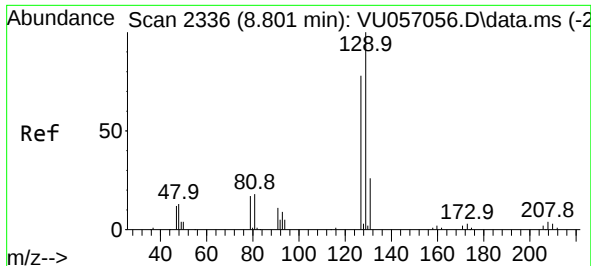
164 100

129 105.8 73.4 136.4

131 102.3 71.5 132.9

166 128.7 92.7 172.1





#49

Dibromochloromethane

Concen: 12.088 ug/L

RT: 8.547 min Scan# 21

Delta R.T. -0.254 min

Lab File: VU057065.D

Acq: 20 Dec 2023 00:02

Instrument :

MSVOA\_U

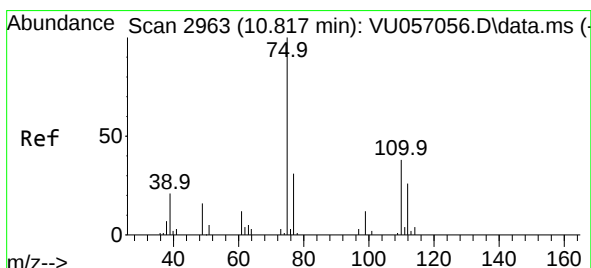
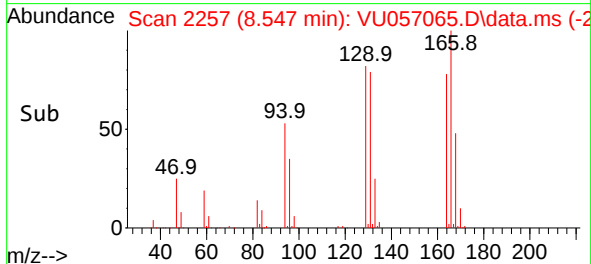
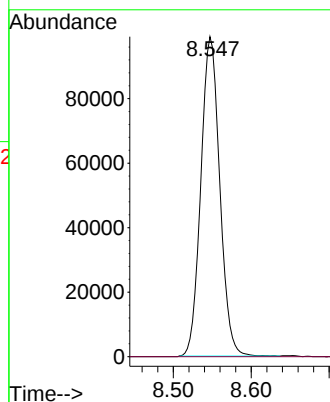
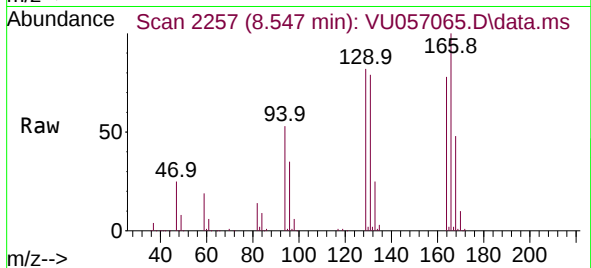
ClientSampleId :

Tgt Ion:129 Resp: 166899

Ion Ratio Lower Upper

129 100

127 0.0 53.9 100.1#



#61

1,2,3-Trichloropropane

Concen: 1.067 ug/L

RT: 11.807 min Scan# 3271

Delta R.T. 0.990 min

Lab File: VU057065.D

Acq: 20 Dec 2023 00:02

Tgt Ion: 75 Resp: 9949

Ion Ratio Lower Upper

75 100

110 0.6 28.4 42.6#

77 34.7 26.3 39.5

