

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU040324\  
 Data File : VU058363.D  
 Acq On : 03 Apr 2024 14:57  
 Operator : MD/SY  
 Sample : P1902-20  
 Misc : 25.0mL/MSVOA\_U/WATER  
 ALS Vial : 15 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :

Quant Time: Apr 04 01:24:33 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\SFAMUTR032124WMA.M  
 Quant Title : TRACE VOA SFAM1.0  
 QLast Update : Thu Apr 04 01:17:39 2024  
 Response via : Initial Calibration

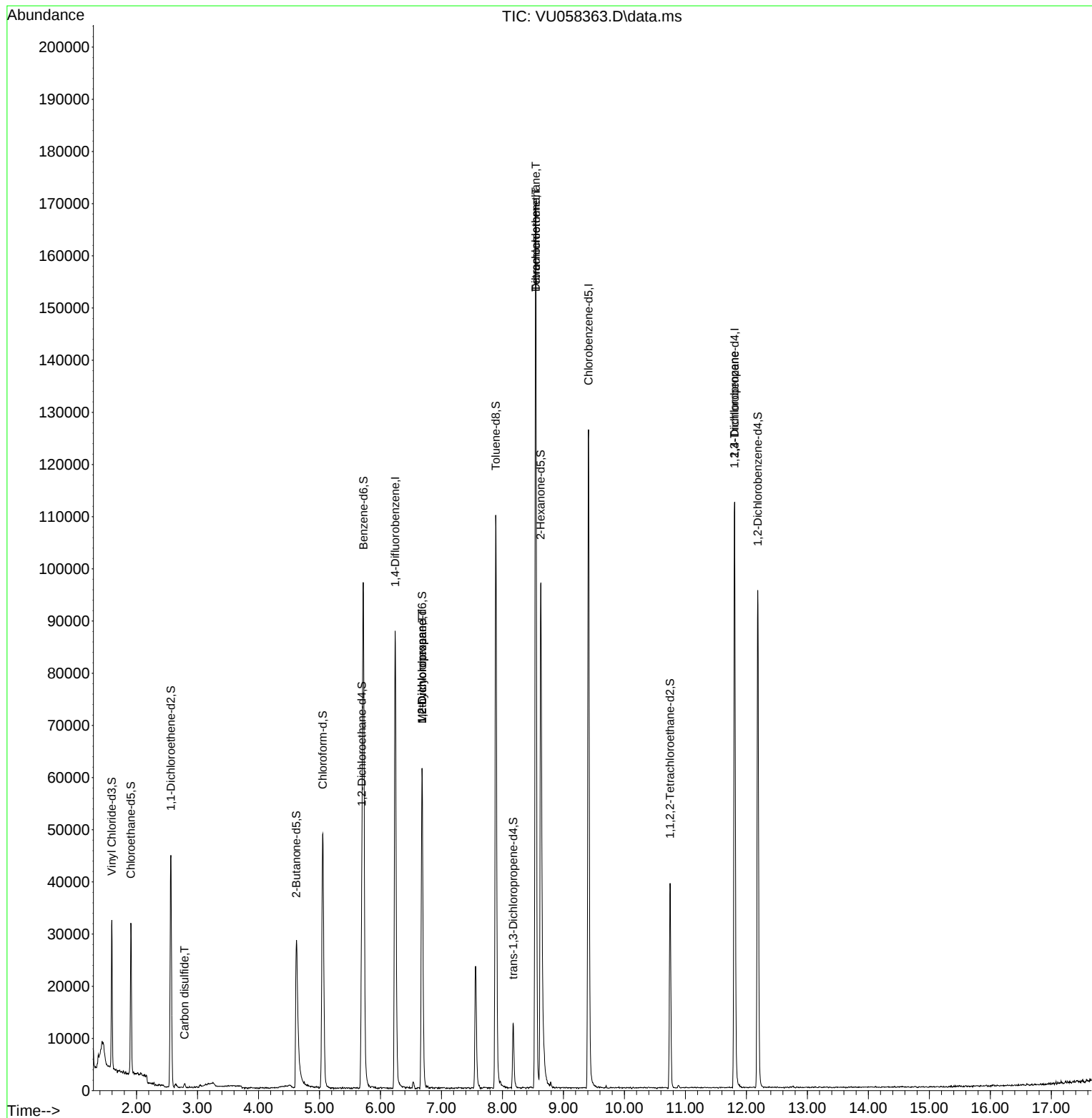
| Compound                      | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|--------|-------|----------|----------|--------|----------|
| -----                         |        |       |          |          |        |          |
| Internal Standards            |        |       |          |          |        |          |
| 1) 1,4-Difluorobenzene        | 6.242  | 114   | 71320    | 5.000    | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 9.412  | 117   | 69496    | 5.000    | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.807 | 152   | 29996    | 5.000    | ug/L   | 0.00     |
| System Monitoring Compounds   |        |       |          |          |        |          |
| 4) Vinyl Chloride-d3          | 1.596  | 65    | 19232    | 3.191    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 40 - 130 | Recovery | =      | 63.800%  |
| 7) Chloroethane-d5            | 1.907  | 69    | 19920    | 4.049    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 65 - 130 | Recovery | =      | 81.000%  |
| 11) 1,1-Dichloroethene-d2     | 2.563  | 65    | 8883     | 3.550    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 60 - 125 | Recovery | =      | 71.000%  |
| 20) 2-Butanone-d5             | 4.621  | 46    | 48634    | 45.421   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 40 - 130 | Recovery | =      | 90.840%  |
| 24) Chloroform-d              | 5.055  | 84    | 46734    | 4.337    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =      | 86.800%  |
| 26) 1,2-Dichloroethane-d4     | 5.695  | 65    | 23600    | 4.685    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =      | 93.600%  |
| 32) Benzene-d6                | 5.721  | 84    | 92920    | 4.117    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =      | 82.400%  |
| 36) 1,2-Dichloropropane-d6    | 6.682  | 67    | 30218    | 4.542    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 60 - 140 | Recovery | =      | 90.800%  |
| 41) Toluene-d8                | 7.891  | 98    | 75364    | 3.769    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =      | 75.400%  |
| 43) trans-1,3-Dichloroprop... | 8.177  | 79    | 7807     | 3.663    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 55 - 130 | Recovery | =      | 73.200%  |
| 46) 2-Hexanone-d5             | 8.627  | 63    | 36457    | 42.232   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 45 - 130 | Recovery | =      | 84.460%  |
| 56) 1,1,2,2-Tetrachloroeth... | 10.749 | 84    | 20396    | 4.706    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 65 - 120 | Recovery | =      | 94.200%  |
| 66) 1,2-Dichlorobenzene-d4    | 12.187 | 152   | 25093    | 4.492    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 80 - 120 | Recovery | =      | 89.800%  |
| Target Compounds              |        |       |          |          |        |          |
|                               |        |       |          |          | Qvalue |          |
| 14) Carbon disulfide          | 2.788  | 76    | 1018     | 0.127    | ug/L # | 75       |
| 35) Methylcyclohexane         | 6.682  | 83    | 6759     | 1.019    | ug/L # | 18       |
| 37) 1,2-Dichloropropane       | 6.682  | 63    | 3500     | 0.686    | ug/L # | 90       |
| 47) Tetrachloroethene         | 8.547  | 164   | 35755    | 11.226   | ug/L   | 99       |
| 49) Dibromochloromethane      | 8.547  | 129   | 35466    | 10.092   | ug/L # | 10       |
| 61) 1,2,3-Trichloropropane    | 11.804 | 75    | 4219     | 1.680    | ug/L # | 67       |
| -----                         |        |       |          |          |        |          |

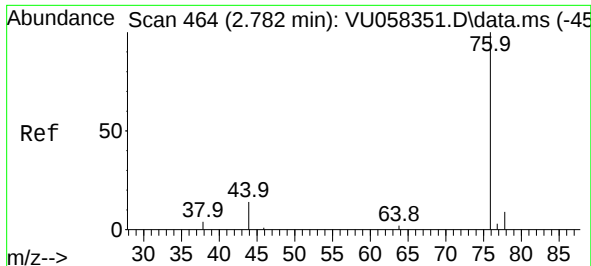
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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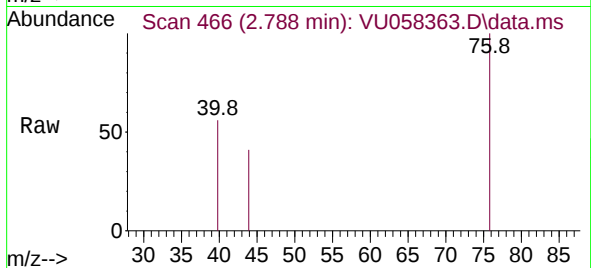
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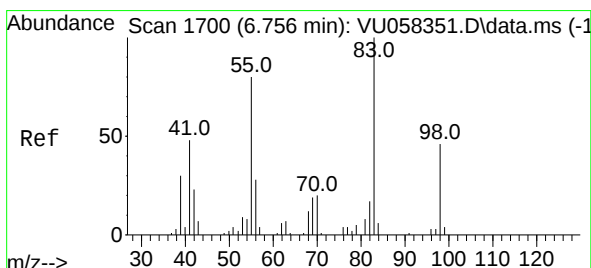
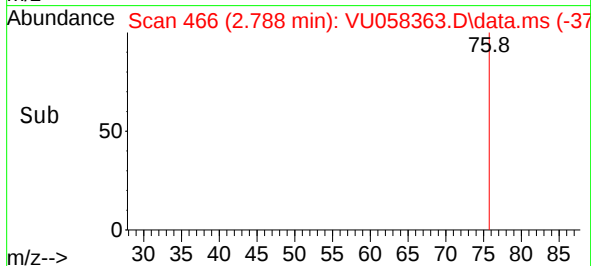
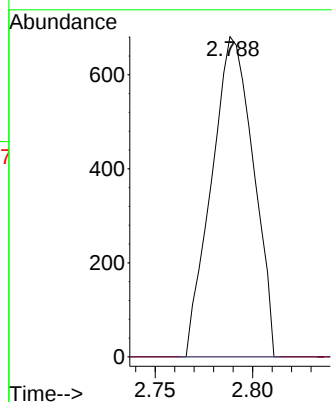


#14  
Carbon disulfide  
Concen: 0.127 ug/L  
RT: 2.788 min Scan# 4  
Delta R.T. 0.007 min  
Lab File: VU058363.D  
Acq: 03 Apr 2024 14:57

Instrument :  
MSVOA\_U  
ClientSampleId :

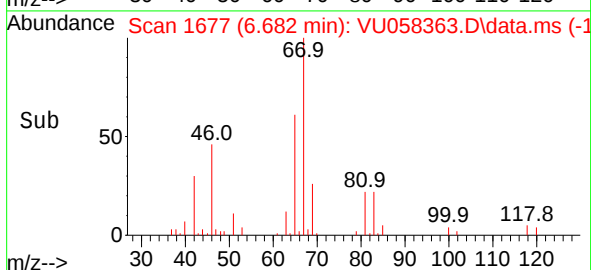
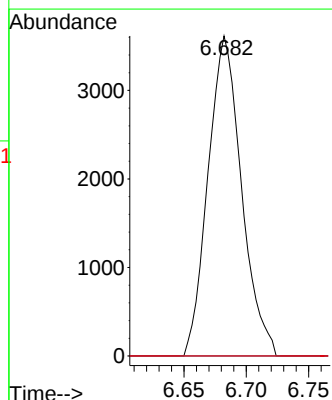
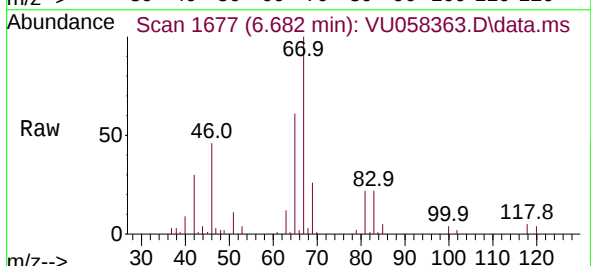


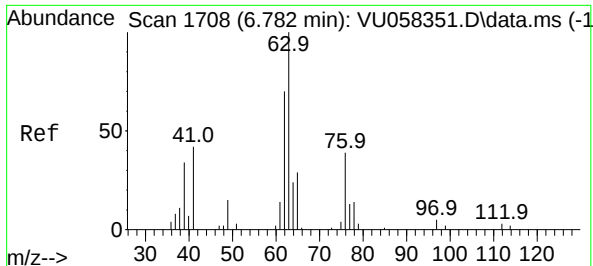
Tgt Ion: 76 Resp: 1018  
Ion Ratio Lower Upper  
76 100  
78 0.0 7.2 10.8#



#35  
Methylcyclohexane  
Concen: 1.019 ug/L  
RT: 6.682 min Scan# 1677  
Delta R.T. -0.074 min  
Lab File: VU058363.D  
Acq: 03 Apr 2024 14:57

Tgt Ion: 83 Resp: 6759  
Ion Ratio Lower Upper  
83 100  
55 0.0 62.7 94.1#  
98 0.0 37.3 55.9#

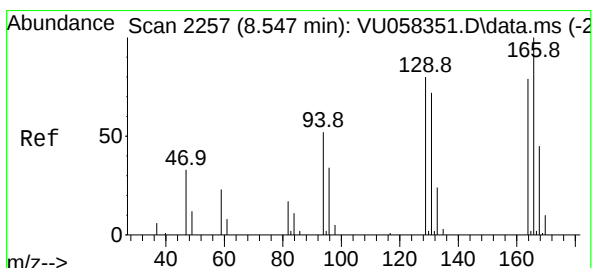
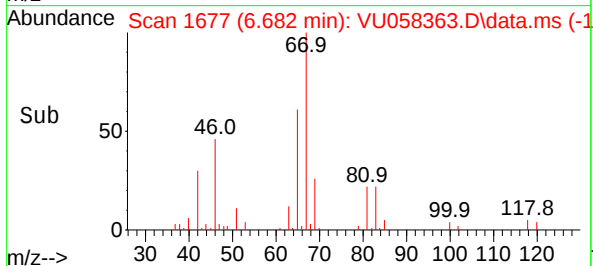
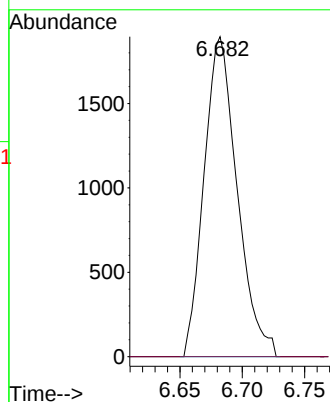
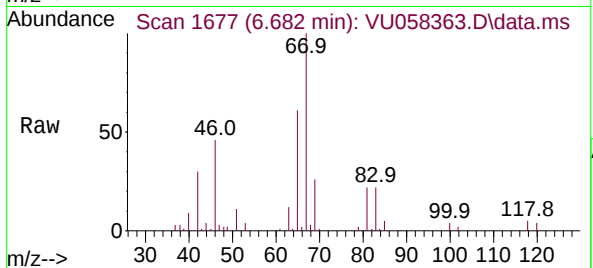




#37  
1,2-Dichloropropane  
Concen: 0.686 ug/L  
RT: 6.682 min Scan# 1  
Delta R.T. -0.100 min  
Lab File: VU058363.D  
Acq: 03 Apr 2024 14:57

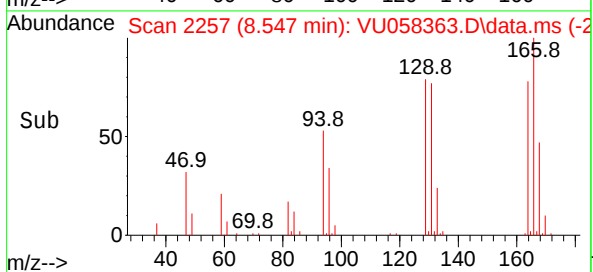
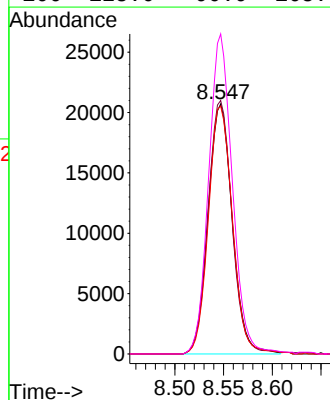
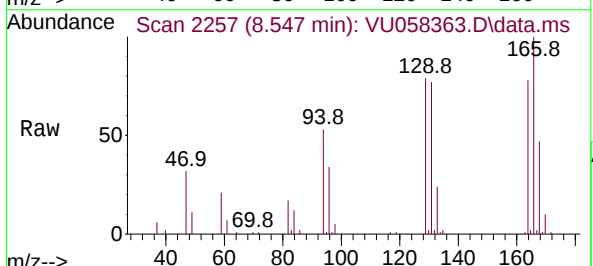
Instrument :  
MSVOA\_U  
ClientSampleId :

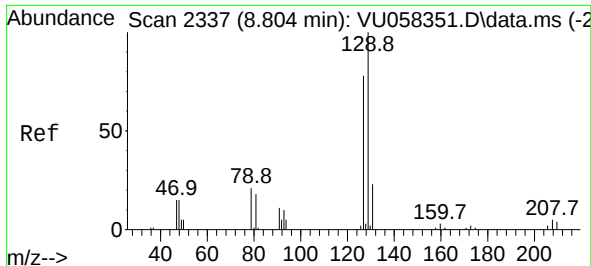
Tgt Ion: 63 Resp: 3500  
Ion Ratio Lower Upper  
63 100  
112 0.0 2.7 4.1#



#47  
Tetrachloroethene  
Concen: 11.226 ug/L  
RT: 8.547 min Scan# 2257  
Delta R.T. 0.000 min  
Lab File: VU058363.D  
Acq: 03 Apr 2024 14:57

Tgt Ion:164 Resp: 35755  
Ion Ratio Lower Upper  
164 100  
129 101.3 71.3 132.3  
131 99.1 70.8 131.4  
166 128.0 90.9 168.9





#49

Dibromochloromethane

Concen: 10.092 ug/L

RT: 8.547 min Scan# 21

Delta R.T. -0.257 min MSVOA\_U

Lab File: VU058363.D

Acq: 03 Apr 2024 14:57

Instrument :

MSVOA\_U

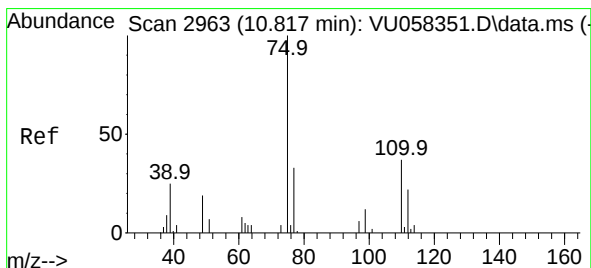
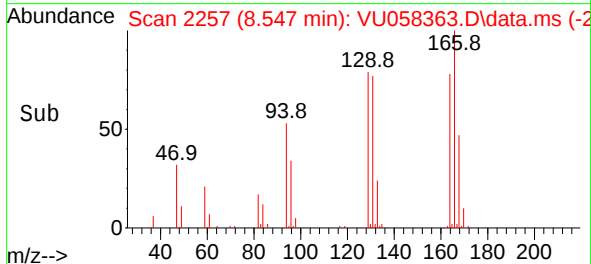
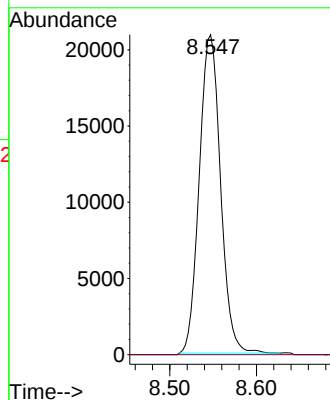
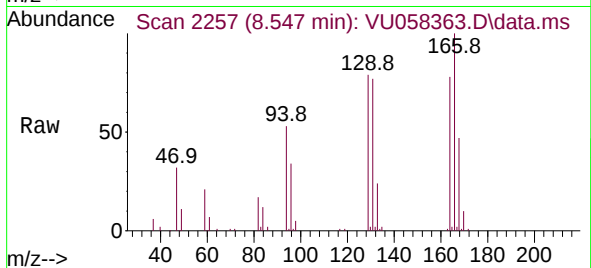
ClientSampleId :

Tgt Ion:129 Resp: 35466

Ion Ratio Lower Upper

129 100

127 0.0 55.7 103.5#



#61

1,2,3-Trichloropropane

Concen: 1.680 ug/L

RT: 11.804 min Scan# 3270

Delta R.T. 0.987 min

Lab File: VU058363.D

Acq: 03 Apr 2024 14:57

Tgt Ion: 75 Resp: 4219

Ion Ratio Lower Upper

75 100

110 0.0 28.1 42.1#

77 30.2 25.1 37.7

