

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU041124\  
 Data File : VU058639.D  
 Acq On : 12 Apr 2024 03:49  
 Operator : MD/SY  
 Sample : VIBLK  
 Misc : 25.0mL/MSVOA\_U/WATER  
 ALS Vial : 47 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :

Quant Time: Apr 12 05:03:03 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\SFAMUTR040424WMA.M  
 Quant Title : TRACE VOA SFAM1.0  
 QLast Update : Fri Apr 12 04:41:05 2024  
 Response via : Initial Calibration

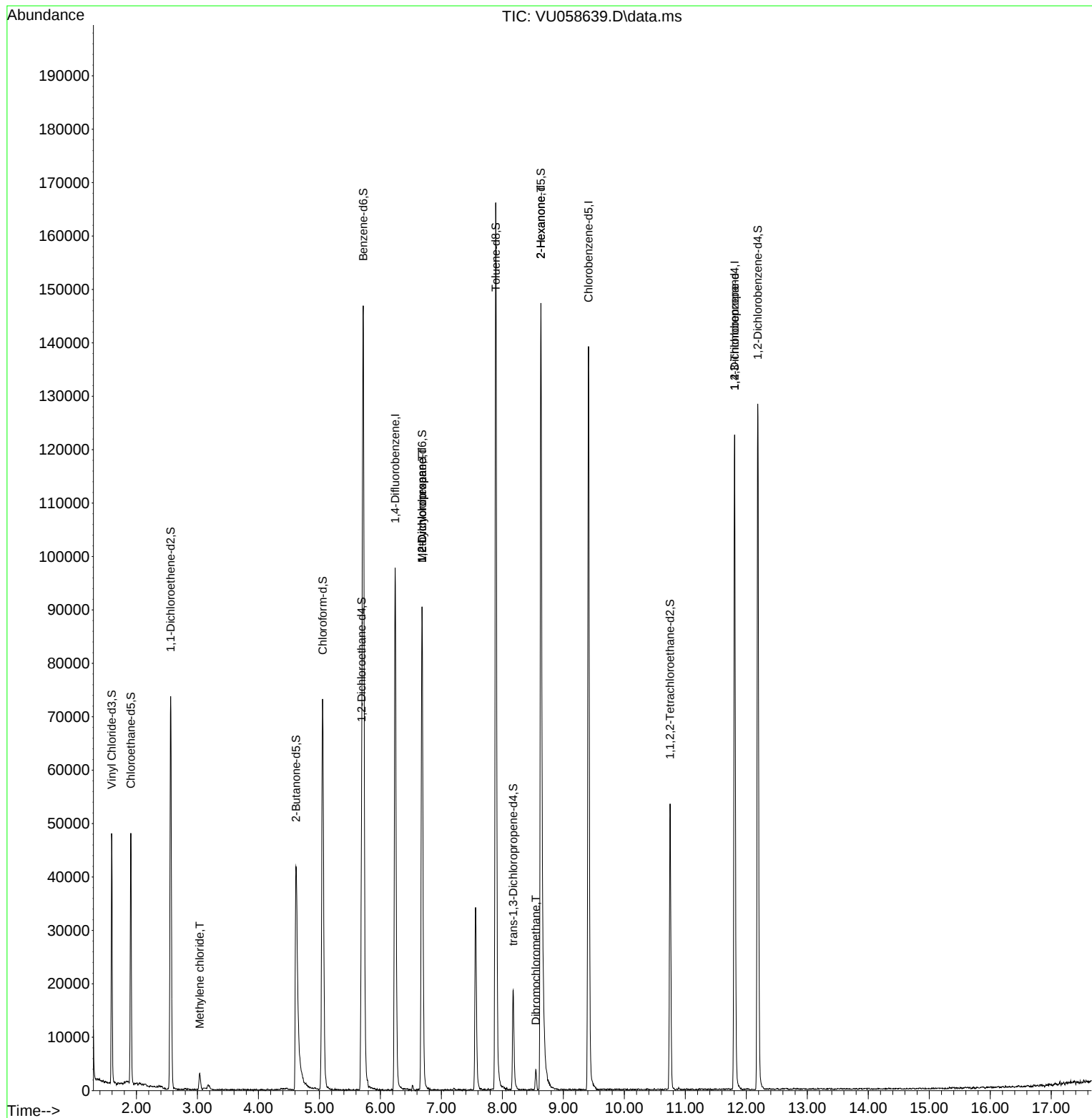
| Compound                      | R.T. QIon |       | Response | Conc     | Units       | Dev(Min) |
|-------------------------------|-----------|-------|----------|----------|-------------|----------|
| -----                         |           |       |          |          |             |          |
| Internal Standards            |           |       |          |          |             |          |
| 1) 1,4-Difluorobenzene        | 6.242     | 114   | 76058    | 5.000    | ug/L        | 0.00     |
| 28) Chlorobenzene-d5          | 9.412     | 117   | 74255    | 5.000    | ug/L        | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.807    | 152   | 31433    | 5.000    | ug/L        | 0.00     |
| System Monitoring Compounds   |           |       |          |          |             |          |
| 4) Vinyl Chloride-d3          | 1.592     | 65    | 31851    | 6.325    | ug/L        | 0.00     |
| Spiked Amount                 | 5.000     | Range | 40 - 130 | Recovery | = 126.600%  |          |
| 7) Chloroethane-d5            | 1.908     | 69    | 31953    | 7.302    | ug/L        | 0.00     |
| Spiked Amount                 | 5.000     | Range | 65 - 130 | Recovery | = 146.000%# |          |
| 11) 1,1-Dichloroethene-d2     | 2.560     | 65    | 14678    | 6.440    | ug/L        | 0.00     |
| Spiked Amount                 | 5.000     | Range | 60 - 125 | Recovery | = 128.800%# |          |
| 20) 2-Butanone-d5             | 4.615     | 46    | 73416    | 69.183   | ug/L        | 0.00     |
| Spiked Amount                 | 50.000    | Range | 40 - 130 | Recovery | = 138.360%# |          |
| 24) Chloroform-d              | 5.052     | 84    | 68072    | 6.772    | ug/L        | 0.00     |
| Spiked Amount                 | 5.000     | Range | 70 - 125 | Recovery | = 135.400%# |          |
| 26) 1,2-Dichloroethane-d4     | 5.692     | 65    | 34272    | 7.306    | ug/L        | 0.00     |
| Spiked Amount                 | 5.000     | Range | 70 - 130 | Recovery | = 146.200%# |          |
| 32) Benzene-d6                | 5.718     | 84    | 134326   | 6.719    | ug/L        | 0.00     |
| Spiked Amount                 | 5.000     | Range | 70 - 125 | Recovery | = 134.400%# |          |
| 36) 1,2-Dichloropropane-d6    | 6.682     | 67    | 42761    | 6.821    | ug/L        | 0.00     |
| Spiked Amount                 | 5.000     | Range | 60 - 140 | Recovery | = 136.400%  |          |
| 41) Toluene-d8                | 7.891     | 98    | 109001   | 6.148    | ug/L        | 0.00     |
| Spiked Amount                 | 5.000     | Range | 70 - 130 | Recovery | = 123.000%  |          |
| 43) trans-1,3-Dichloroprop... | 8.177     | 79    | 11475    | 5.896    | ug/L        | 0.00     |
| Spiked Amount                 | 5.000     | Range | 55 - 130 | Recovery | = 118.000%  |          |
| 46) 2-Hexanone-d5             | 8.631     | 63    | 53515    | 66.671   | ug/L        | 0.00     |
| Spiked Amount                 | 50.000    | Range | 45 - 130 | Recovery | = 133.340%# |          |
| 56) 1,1,2,2-Tetrachloroeth... | 10.750    | 84    | 27497    | 6.213    | ug/L        | 0.00     |
| Spiked Amount                 | 5.000     | Range | 65 - 120 | Recovery | = 124.200%# |          |
| 66) 1,2-Dichlorobenzene-d4    | 12.187    | 152   | 33020    | 6.237    | ug/L        | 0.00     |
| Spiked Amount                 | 5.000     | Range | 80 - 120 | Recovery | = 124.800%# |          |
| Target Compounds              |           |       |          |          |             |          |
|                               |           |       |          |          |             | Qvalue   |
| 16) Methylene chloride        | 3.036     | 84    | 1329     | 0.186    | ug/L        | 93       |
| 35) Methylcyclohexane         | 6.682     | 83    | 8853     | 0.866    | ug/L #      | 16       |
| 37) 1,2-Dichloropropane       | 6.682     | 63    | 4722     | 0.667    | ug/L #      | 90       |
| 48) 2-Hexanone                | 8.631     | 43    | 10414    | 4.401    | ug/L #      | 70       |
| 49) Dibromochloromethane      | 8.547     | 129   | 811      | 0.170    | ug/L #      | 11       |
| 61) 1,2,3-Trichloropropane    | 11.807    | 75    | 4308     | 1.343    | ug/L #      | 70       |
| -----                         |           |       |          |          |             |          |

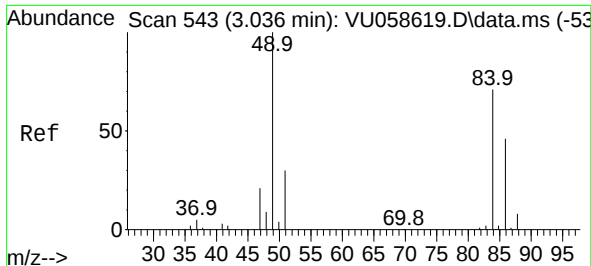
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#16

Methylene chloride

Concen: 0.186 ug/L

RT: 3.036 min Scan# 54

Delta R.T. -0.000 min

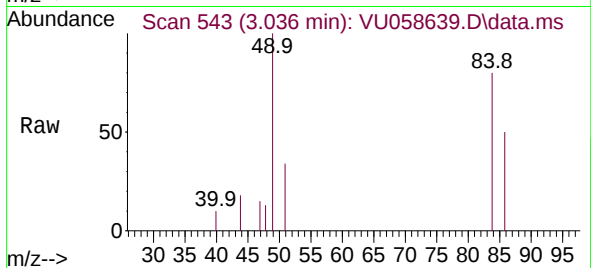
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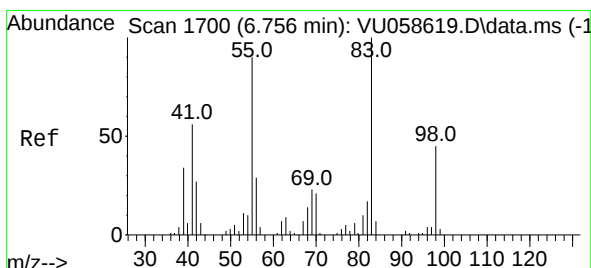
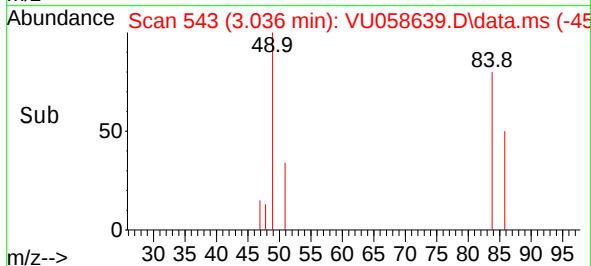
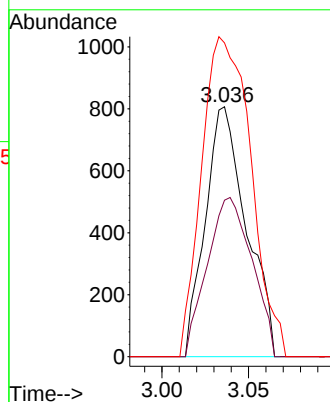
Tgt Ion: 84 Resp: 1329

Ion Ratio Lower Upper

84 100

86 62.6 44.3 82.3

49 125.5 96.0 178.2



#35

Methylcyclohexane

Concen: 0.866 ug/L

RT: 6.682 min Scan# 1677

Delta R.T. -0.074 min

Lab File: VU058639.D

Acq: 12 Apr 2024 03:49

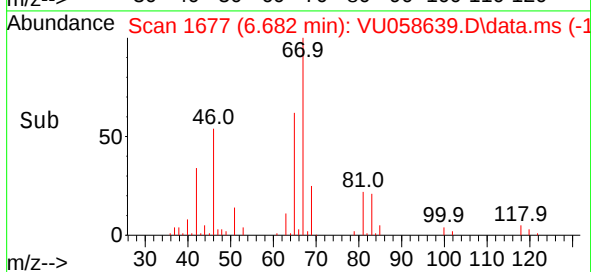
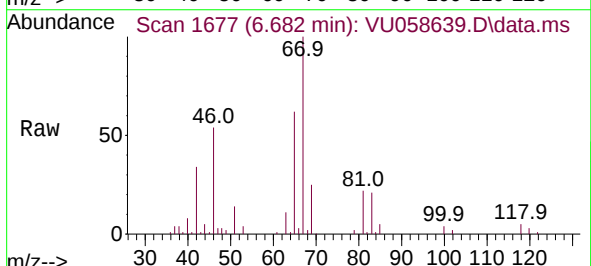
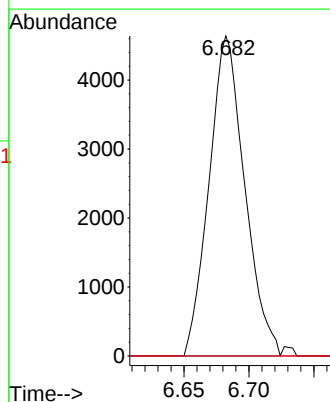
Tgt Ion: 83 Resp: 8853

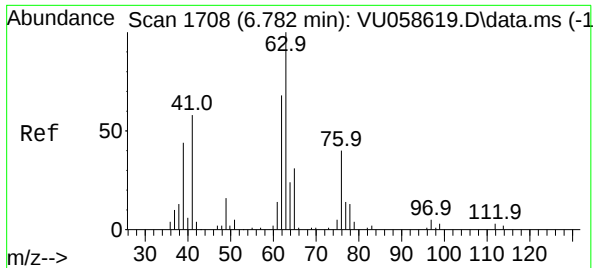
Ion Ratio Lower Upper

83 100

55 0.0 66.2 99.4#

98 0.0 34.6 52.0#

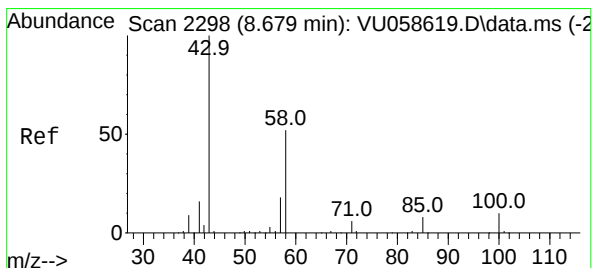
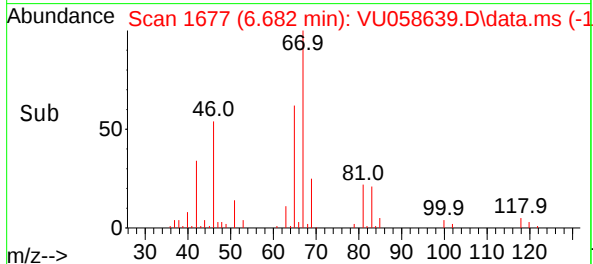
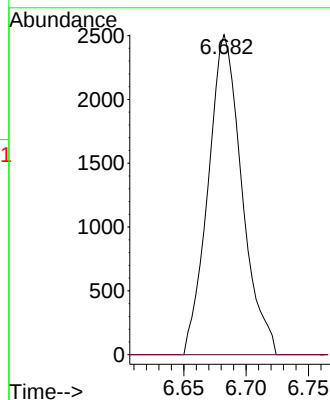
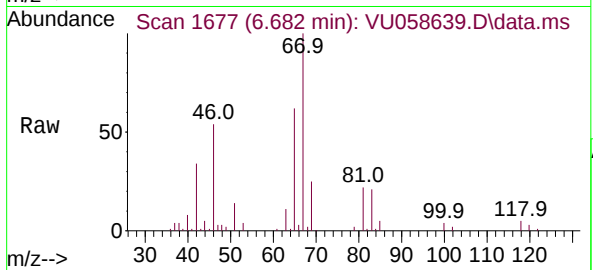




#37  
1,2-Dichloropropane  
Concen: 0.667 ug/L  
RT: 6.682 min Scan# 1  
Delta R.T. -0.100 min  
Lab File: VU058639.D  
Acq: 12 Apr 2024 03:49

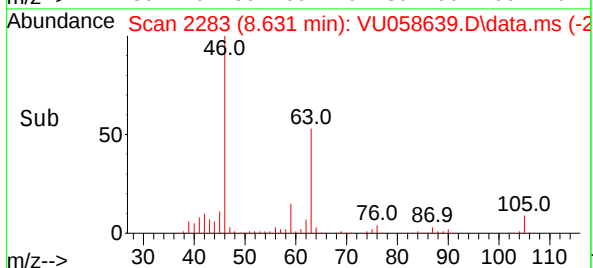
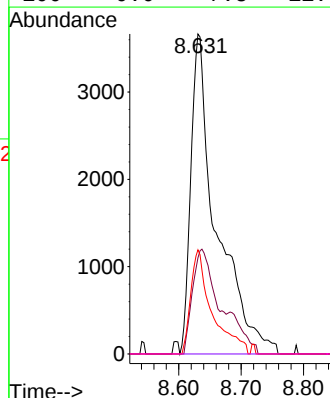
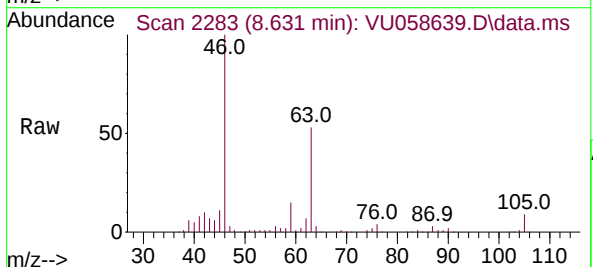
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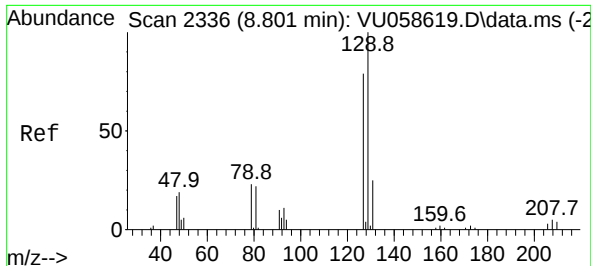
Tgt Ion: 63 Resp: 4722  
Ion Ratio Lower Upper  
63 100  
112 0.0 2.6 4.0#



#48  
2-Hexanone  
Concen: 4.401 ug/L  
RT: 8.631 min Scan# 2283  
Delta R.T. -0.048 min  
Lab File: VU058639.D  
Acq: 12 Apr 2024 03:49

Tgt Ion: 43 Resp: 10414  
Ion Ratio Lower Upper  
43 100  
58 29.0 43.2 64.8#  
57 27.0 15.4 23.0#  
100 0.0 7.8 11.6#





#49

Dibromochloromethane

Concen: 0.170 ug/L

RT: 8.547 min Scan# 21

Delta R.T. -0.254 min MSVOA\_U

Lab File: VU058639.D

Acq: 12 Apr 2024 03:49

Instrument :

MSVOA\_U

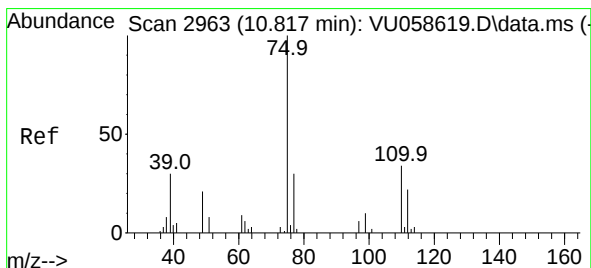
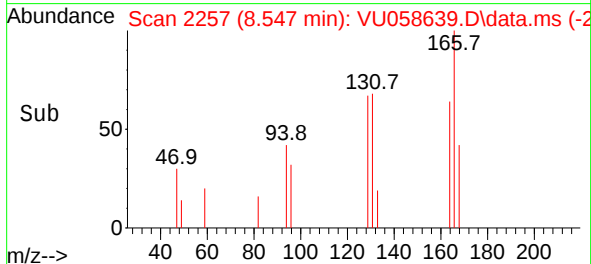
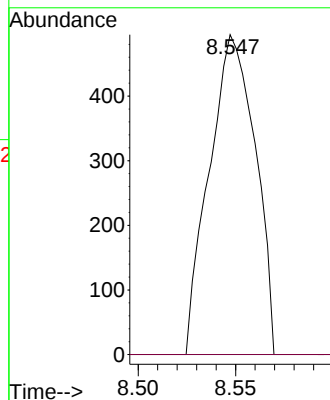
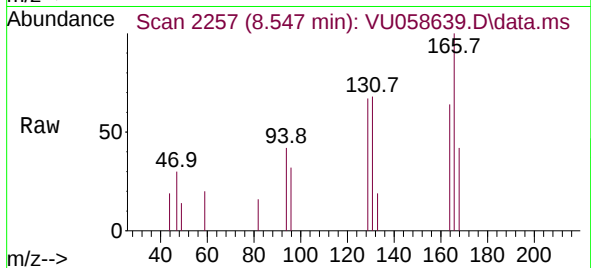
ClientSampleId :

Tgt Ion:129 Resp: 811

Ion Ratio Lower Upper

129 100

127 0.0 53.5 99.5#



#61

1,2,3-Trichloropropane

Concen: 1.343 ug/L

RT: 11.807 min Scan# 3271

Delta R.T. 0.990 min

Lab File: VU058639.D

Acq: 12 Apr 2024 03:49

Tgt Ion: 75 Resp: 4308

Ion Ratio Lower Upper

75 100

110 0.6 25.8 38.6#

77 30.2 25.1 37.7

