

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU040124\  
 Data File : VU058315.D  
 Acq On : 01 Apr 2024 15:53  
 Operator : MD/SY  
 Sample : P1912-17  
 Misc : 25.0mL/MSVOA\_U/WATER  
 ALS Vial : 16 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :

Quant Time: Apr 02 02:28:11 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\SFAMUTR032124WMA.M  
 Quant Title : TRACE VOA SFAM1.0  
 QLast Update : Tue Apr 02 02:24:47 2024  
 Response via : Initial Calibration

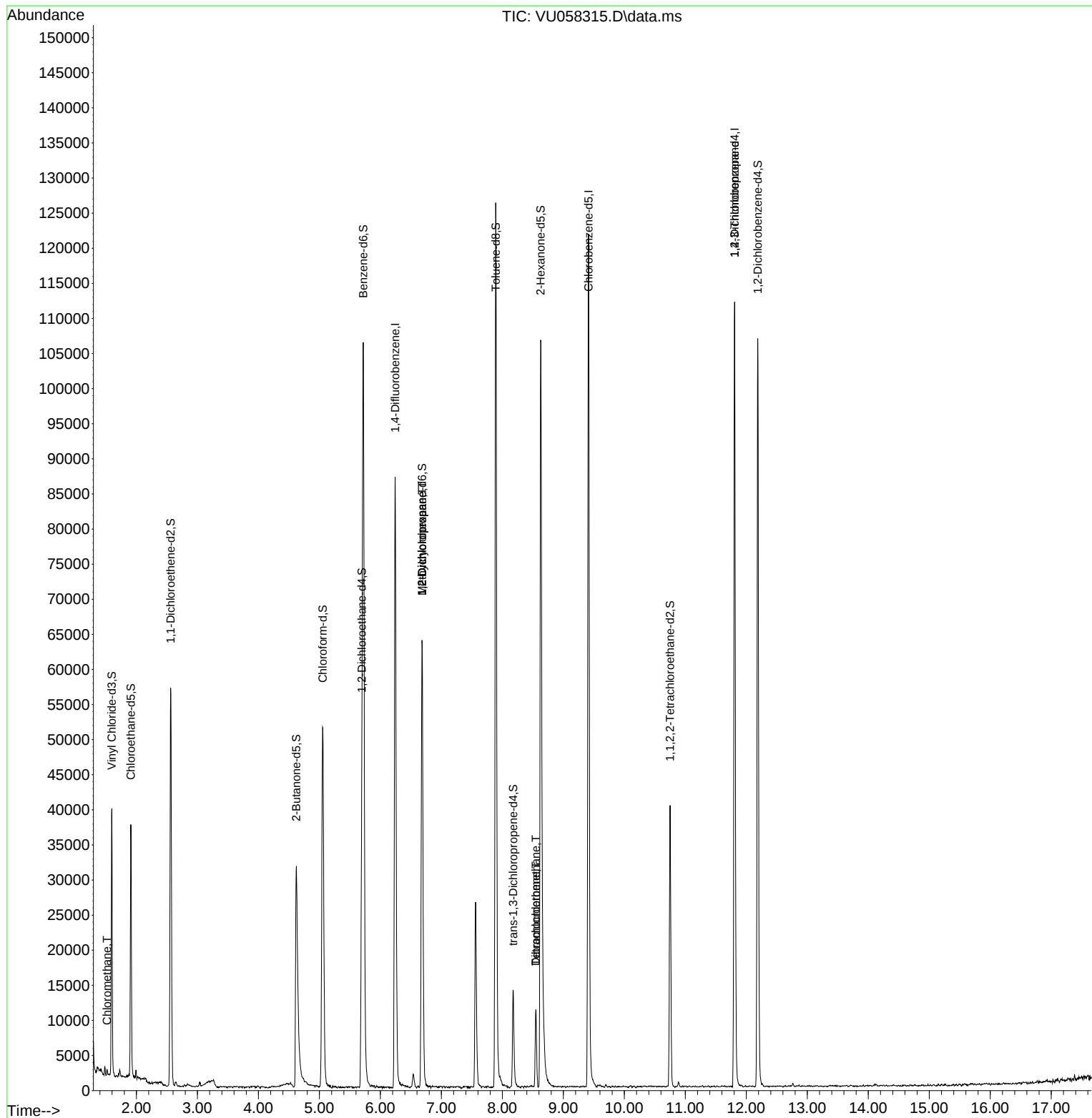
| Compound                      | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|--------|-------|----------|----------|--------|----------|
| -----                         |        |       |          |          |        |          |
| Internal Standards            |        |       |          |          |        |          |
| 1) 1,4-Difluorobenzene        | 6.242  | 114   | 70417    | 5.000    | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 9.412  | 117   | 67441    | 5.000    | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.807 | 152   | 29622    | 5.000    | ug/L   | 0.00     |
| System Monitoring Compounds   |        |       |          |          |        |          |
| 4) Vinyl Chloride-d3          | 1.592  | 65    | 25004    | 4.202    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 40 - 130 | Recovery | =      | 84.000%  |
| 7) Chloroethane-d5            | 1.908  | 69    | 24727    | 5.091    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 65 - 130 | Recovery | =      | 101.800% |
| 11) 1,1-Dichloroethene-d2     | 2.560  | 65    | 11328    | 4.585    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 60 - 125 | Recovery | =      | 91.800%  |
| 20) 2-Butanone-d5             | 4.621  | 46    | 52757    | 49.904   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 40 - 130 | Recovery | =      | 99.800%  |
| 24) Chloroform-d              | 5.052  | 84    | 49193    | 4.624    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =      | 92.400%  |
| 26) 1,2-Dichloroethane-d4     | 5.695  | 65    | 25468    | 5.120    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =      | 102.400% |
| 32) Benzene-d6                | 5.718  | 84    | 102608   | 4.684    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =      | 93.600%  |
| 36) 1,2-Dichloropropane-d6    | 6.682  | 67    | 31797    | 4.925    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 60 - 140 | Recovery | =      | 98.600%  |
| 41) Toluene-d8                | 7.891  | 98    | 85951    | 4.429    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =      | 88.600%  |
| 43) trans-1,3-Dichloroprop... | 8.177  | 79    | 8868     | 4.287    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 55 - 130 | Recovery | =      | 85.800%  |
| 46) 2-Hexanone-d5             | 8.627  | 63    | 40050    | 47.808   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 45 - 130 | Recovery | =      | 95.620%  |
| 56) 1,1,2,2-Tetrachloroeth... | 10.750 | 84    | 20430    | 4.858    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 65 - 120 | Recovery | =      | 97.200%  |
| 66) 1,2-Dichlorobenzene-d4    | 12.187 | 152   | 28093    | 5.093    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 80 - 120 | Recovery | =      | 101.800% |
| Target Compounds              |        |       |          |          |        |          |
|                               |        |       |          |          | Qvalue |          |
| 3) Chloromethane              | 1.518  | 50    | 645      | 0.174    | ug/L   | 88       |
| 35) Methylcyclohexane         | 6.682  | 83    | 7032     | 1.093    | ug/L # | 18       |
| 37) 1,2-Dichloropropane       | 6.682  | 63    | 3458     | 0.699    | ug/L # | 90       |
| 47) Tetrachloroethene         | 8.547  | 164   | 2458     | 0.795    | ug/L   | 88       |
| 49) Dibromochloromethane      | 8.547  | 129   | 2298     | 0.674    | ug/L # | 10       |
| 61) 1,2,3-Trichloropropane    | 11.807 | 75    | 3797     | 1.531    | ug/L # | 67       |
| -----                         |        |       |          |          |        |          |

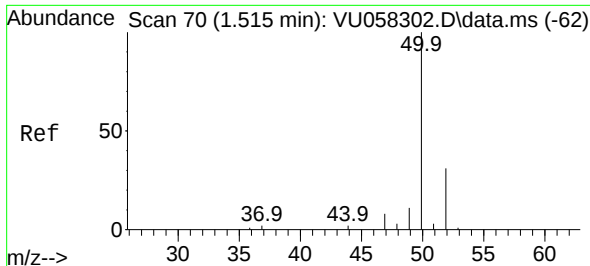
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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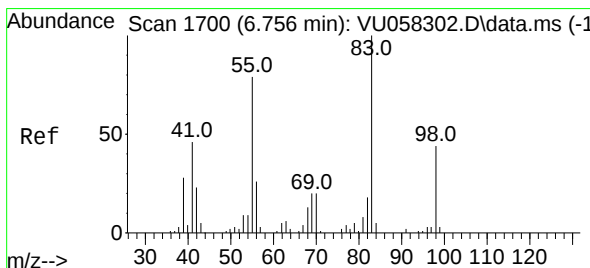
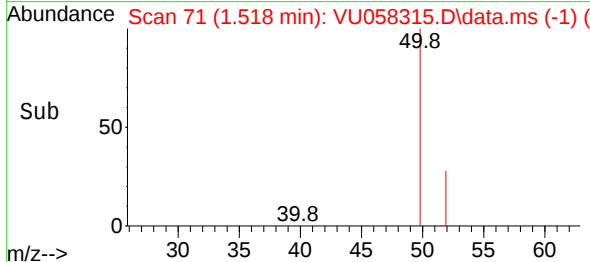
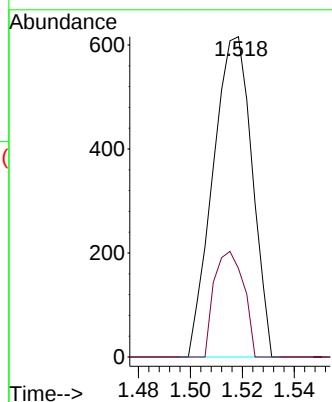
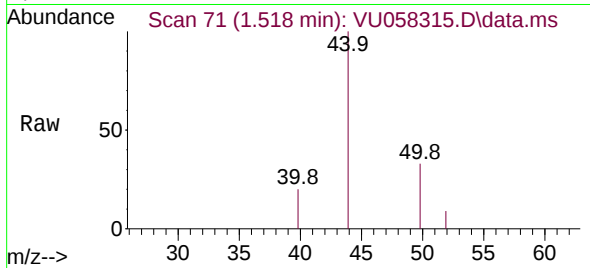




#3  
Chloromethane  
Concen: 0.174 ug/L  
RT: 1.518 min Scan# 71  
Delta R.T. 0.003 min  
Lab File: VU058315.D  
Acq: 01 Apr 2024 15:53

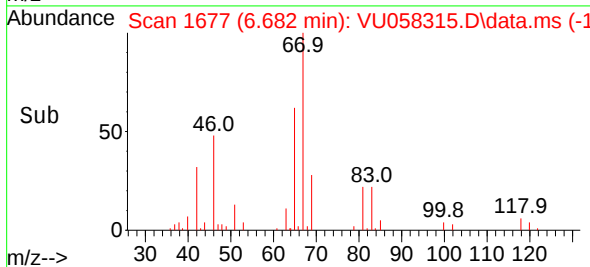
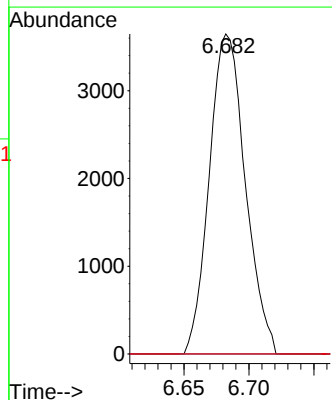
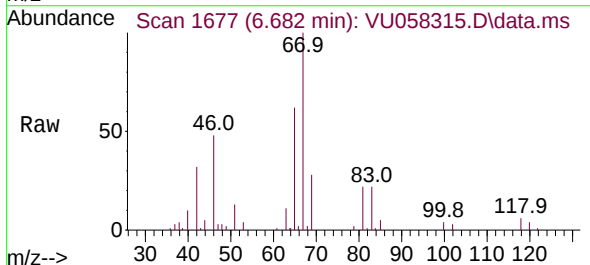
Instrument :  
MSVOA\_U  
ClientSampleId :

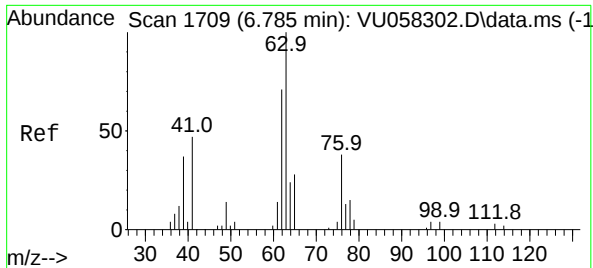
Tgt Ion: 50 Resp: 645  
Ion Ratio Lower Upper  
50 100  
52 27.6 24.2 45.0



#35  
Methylcyclohexane  
Concen: 1.093 ug/L  
RT: 6.682 min Scan# 1677  
Delta R.T. -0.074 min  
Lab File: VU058315.D  
Acq: 01 Apr 2024 15:53

Tgt Ion: 83 Resp: 7032  
Ion Ratio Lower Upper  
83 100  
55 0.0 62.7 94.1#  
98 0.0 37.3 55.9#

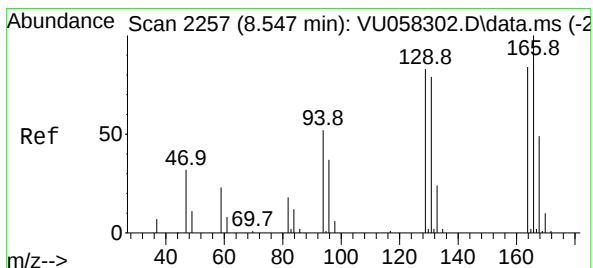
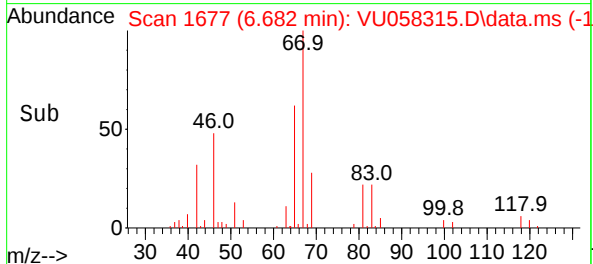
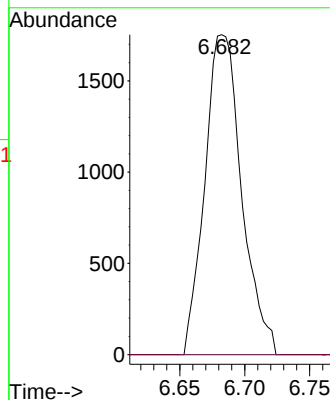
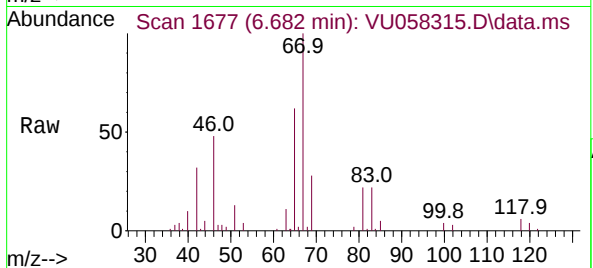




#37  
1,2-Dichloropropane  
Concen: 0.699 ug/L  
RT: 6.682 min Scan# 1  
Delta R.T. -0.103 min  
Lab File: VU058315.D  
Acq: 01 Apr 2024 15:53

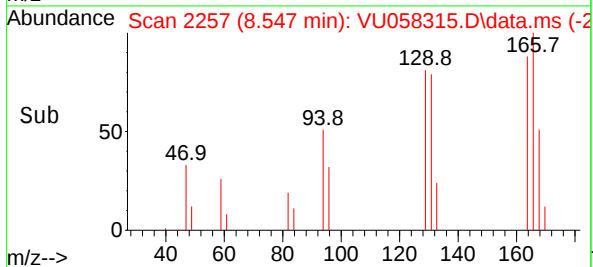
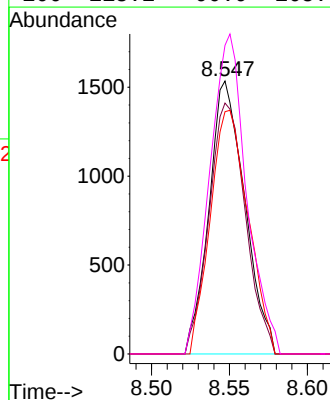
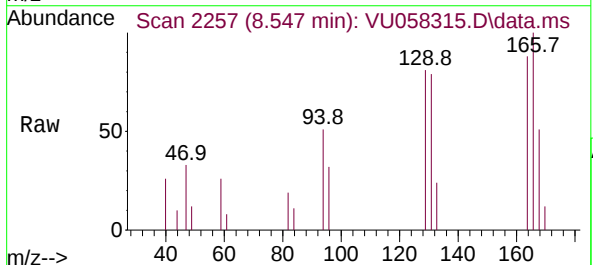
Instrument :  
MSVOA\_U  
ClientSampleId :

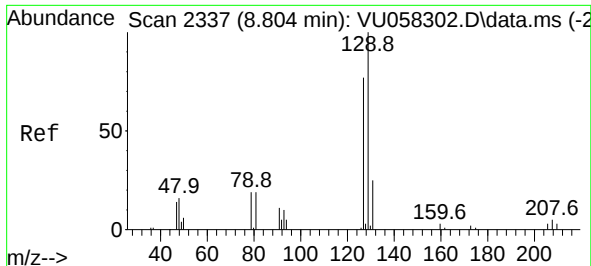
Tgt Ion: 63 Resp: 3458  
Ion Ratio Lower Upper  
63 100  
112 0.0 2.7 4.1#



#47  
Tetrachloroethene  
Concen: 0.795 ug/L  
RT: 8.547 min Scan# 2257  
Delta R.T. 0.000 min  
Lab File: VU058315.D  
Acq: 01 Apr 2024 15:53

Tgt Ion:164 Resp: 2458  
Ion Ratio Lower Upper  
164 100  
129 91.9 71.3 132.3  
131 88.8 70.8 131.4  
166 113.1 90.9 168.9





#49

Dibromochloromethane

Concen: 0.674 ug/L

RT: 8.547 min Scan# 21

Delta R.T. -0.257 min

Lab File: VU058315.D

Acq: 01 Apr 2024 15:53

Instrument :

MSVOA\_U

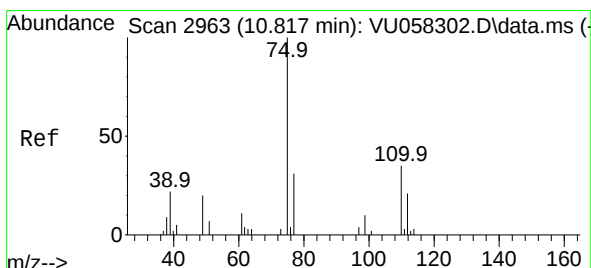
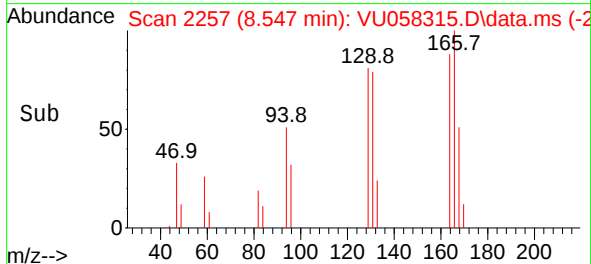
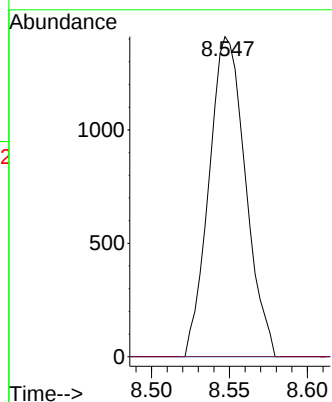
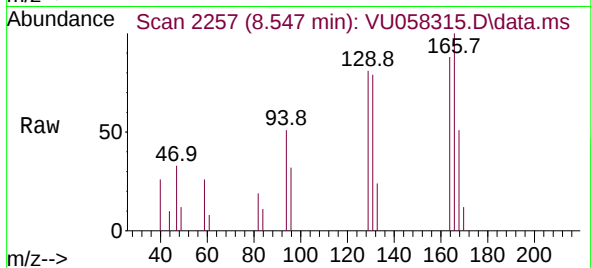
ClientSampleId :

Tgt Ion:129 Resp: 2298

Ion Ratio Lower Upper

129 100

127 0.0 55.7 103.5#



#61

1,2,3-Trichloropropane

Concen: 1.531 ug/L

RT: 11.807 min Scan# 3271

Delta R.T. 0.991 min

Lab File: VU058315.D

Acq: 01 Apr 2024 15:53

Tgt Ion: 75 Resp: 3797

Ion Ratio Lower Upper

75 100

110 0.0 28.1 42.1#

77 29.9 25.1 37.7

