

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU041124\  
 Data File : VU058623.D  
 Acq On : 11 Apr 2024 21:31  
 Operator : MD/SY  
 Sample : P2055-03  
 Misc : 25.0mL/MSVOA\_U/WATER  
 ALS Vial : 31 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 COBL3

Quant Time: Apr 12 04:42:15 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

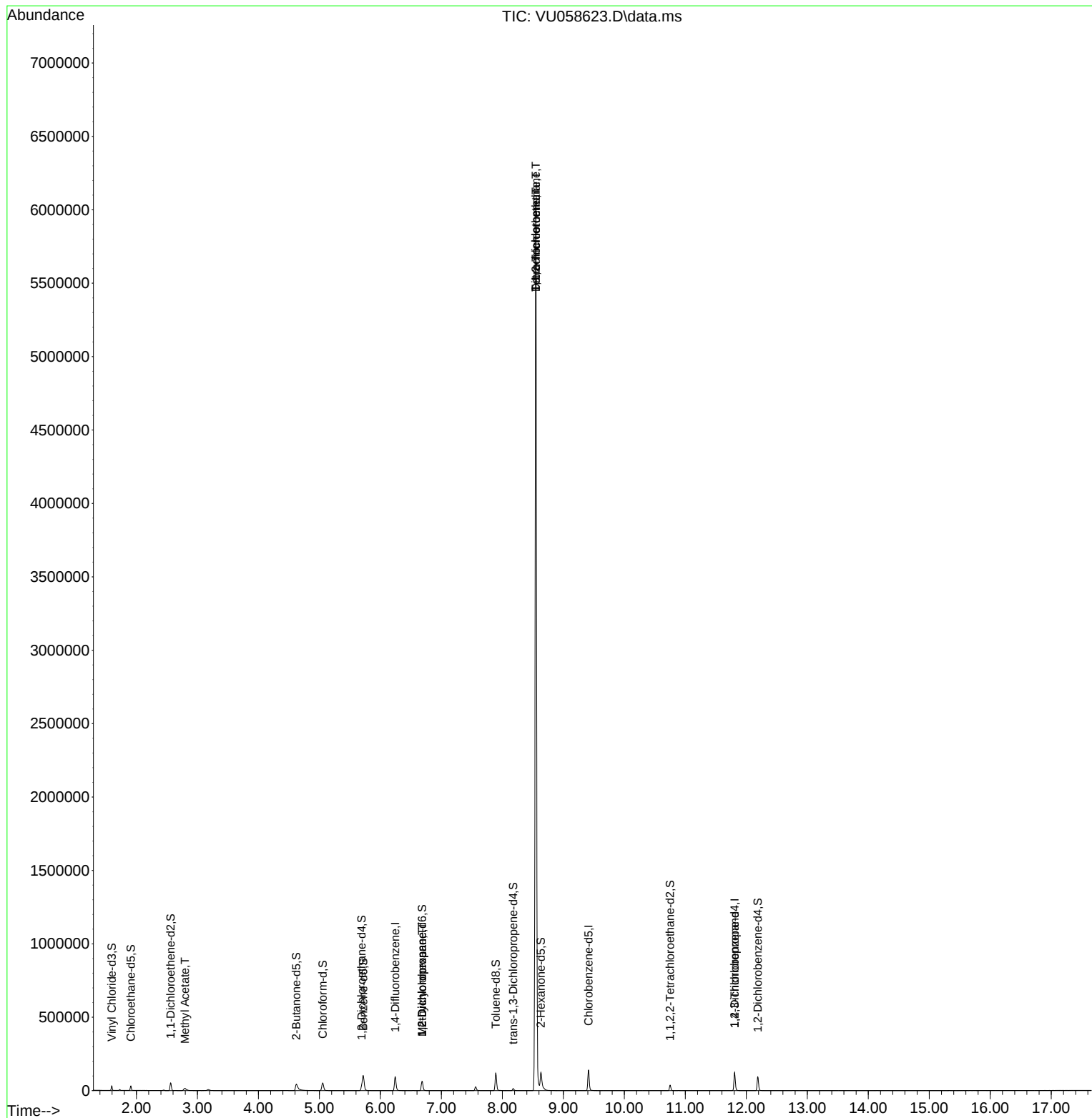
| Compound                      | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|--------|-------|----------|----------|--------|----------|
| -----                         |        |       |          |          |        |          |
| Internal Standards            |        |       |          |          |        |          |
| 1) 1,4-Difluorobenzene        | 6.242  | 114   | 72655    | 5.000    | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 9.412  | 117   | 74175    | 5.000    | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.807 | 152   | 31637    | 5.000    | ug/L   | 0.00     |
| System Monitoring Compounds   |        |       |          |          |        |          |
| 4) Vinyl Chloride-d3          | 1.592  | 65    | 21496    | 4.469    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 40 - 130 | Recovery | =      | 89.400%  |
| 7) Chloroethane-d5            | 1.908  | 69    | 20609    | 4.930    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 65 - 130 | Recovery | =      | 98.600%  |
| 11) 1,1-Dichloroethene-d2     | 2.560  | 65    | 10293    | 4.728    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 60 - 125 | Recovery | =      | 94.600%  |
| 20) 2-Butanone-d5             | 4.621  | 46    | 52828    | 52.114   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 40 - 130 | Recovery | =      | 104.220% |
| 24) Chloroform-d              | 5.052  | 84    | 48413    | 5.042    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =      | 100.800% |
| 26) 1,2-Dichloroethane-d4     | 5.692  | 65    | 24212    | 5.403    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =      | 108.000% |
| 32) Benzene-d6                | 5.718  | 84    | 93682    | 4.691    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =      | 93.800%  |
| 36) 1,2-Dichloropropane-d6    | 6.682  | 67    | 30886    | 4.932    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 60 - 140 | Recovery | =      | 98.600%  |
| 41) Toluene-d8                | 7.891  | 98    | 78416    | 4.428    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =      | 88.600%  |
| 43) trans-1,3-Dichloroprop... | 8.177  | 79    | 8635     | 4.442    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 55 - 130 | Recovery | =      | 88.800%  |
| 46) 2-Hexanone-d5             | 8.631  | 63    | 40400    | 50.386   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 45 - 130 | Recovery | =      | 100.780% |
| 56) 1,1,2,2-Tetrachloroeth... | 10.750 | 84    | 19851    | 4.490    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 65 - 120 | Recovery | =      | 89.800%  |
| 66) 1,2-Dichlorobenzene-d4    | 12.187 | 152   | 24863    | 4.666    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 80 - 120 | Recovery | =      | 93.400%  |
| Target Compounds              |        |       |          |          |        |          |
|                               |        |       |          |          | Qvalue |          |
| 15) Methyl Acetate            | 2.795  | 43    | 8198     | 4.016    | ug/L # | 55       |
| 35) Methylcyclohexane         | 6.682  | 83    | 6634     | 0.650    | ug/L # | 16       |
| 37) 1,2-Dichloropropane       | 6.682  | 63    | 3377     | 0.477    | ug/L # | 90       |
| 45) 1,1,2-Trichloroethane     | 8.547  | 97    | 11577    | 2.802    | ug/L # | 1        |
| 47) Tetrachloroethene         | 8.547  | 164   | 1190603  | 239.626  | ug/L   | 96       |
| 49) Dibromochloromethane      | 8.547  | 129   | 1207525  | 252.794  | ug/L # | 11       |
| 61) 1,2,3-Trichloropropane    | 11.807 | 75    | 4610     | 1.428    | ug/L # | 69       |
| -----                         |        |       |          |          |        |          |

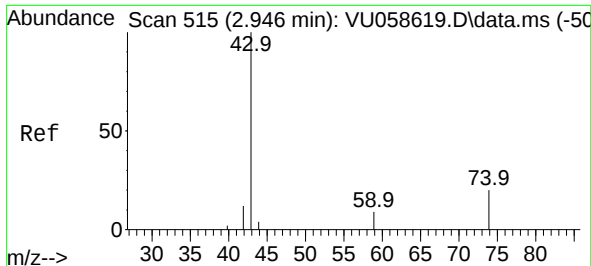
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#15

Methyl Acetate

Concen: 4.016 ug/L

RT: 2.795 min Scan# 4

Delta R.T. -0.151 min

Lab File: VU058623.D

Acq: 11 Apr 2024 21:31

Instrument :

MSVOA\_U

ClientSampleId :

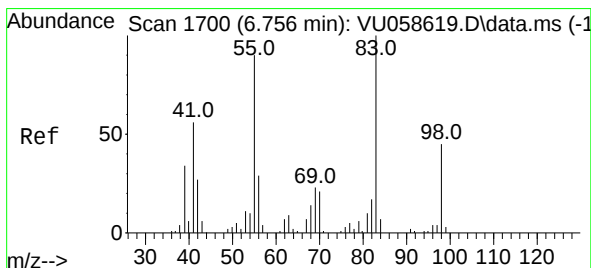
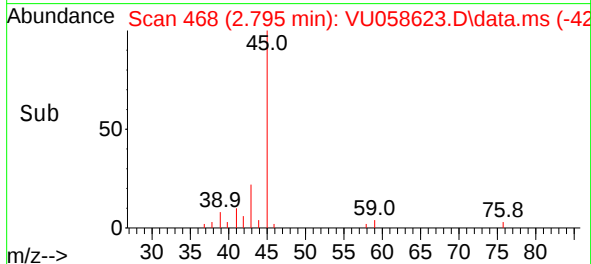
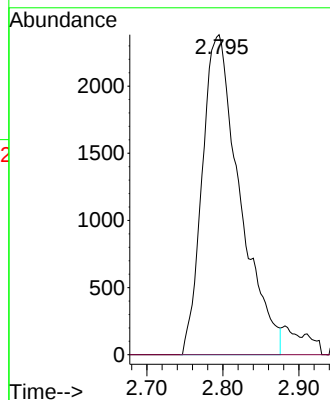
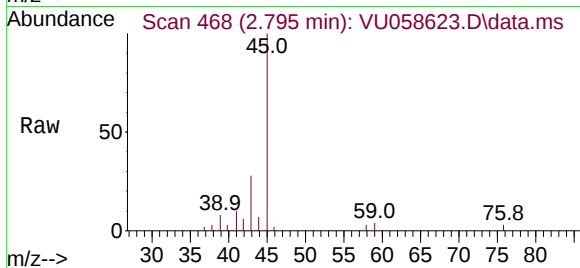
COBL3

Tgt Ion: 43 Resp: 8198

Ion Ratio Lower Upper

43 100

74 0.0 16.6 25.0#



#35

Methylcyclohexane

Concen: 0.650 ug/L

RT: 6.682 min Scan# 1677

Delta R.T. -0.074 min

Lab File: VU058623.D

Acq: 11 Apr 2024 21:31

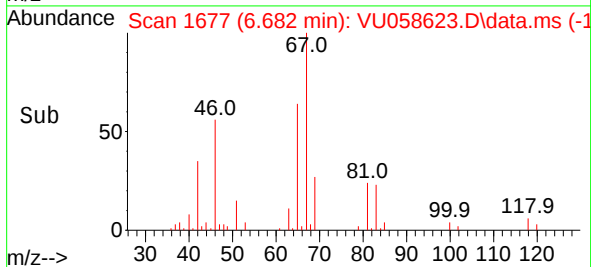
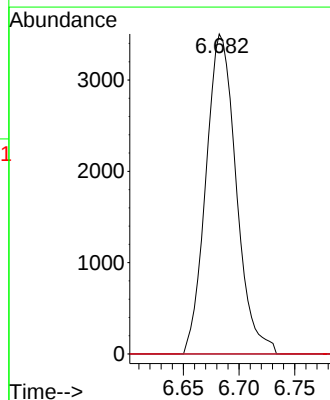
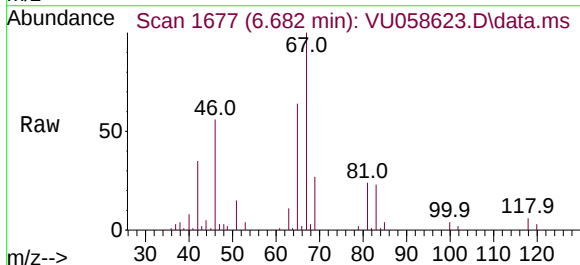
Tgt Ion: 83 Resp: 6634

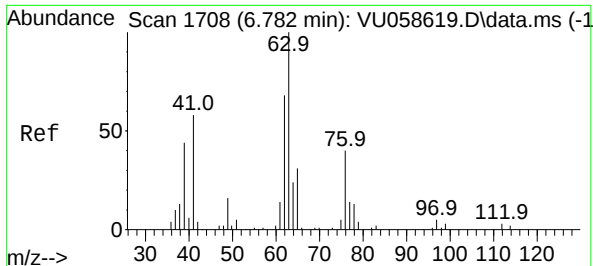
Ion Ratio Lower Upper

83 100

55 0.0 66.2 99.4#

98 0.0 34.6 52.0#

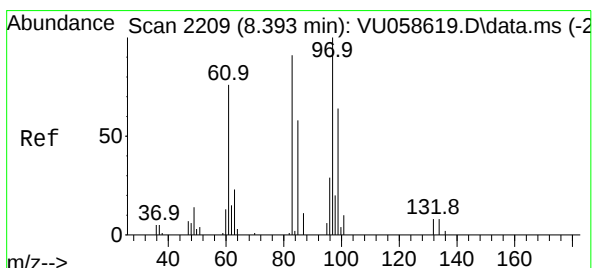
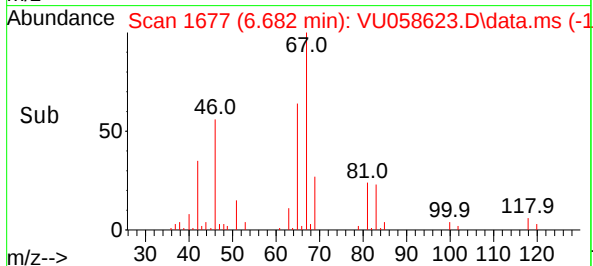
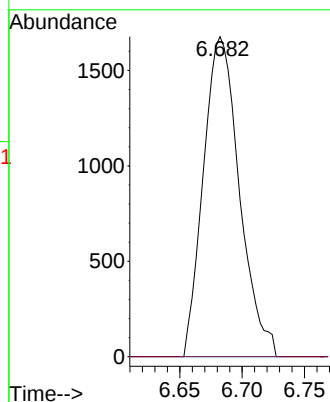
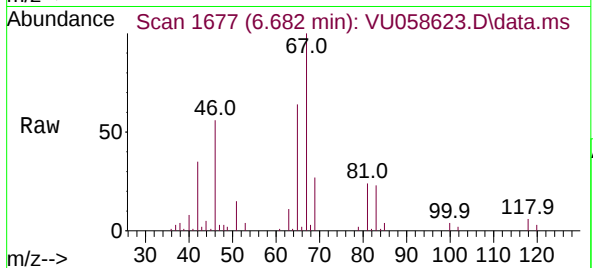




#37  
1,2-Dichloropropane  
Concen: 0.477 ug/L  
RT: 6.682 min Scan# 1  
Delta R.T. -0.100 min  
Lab File: VU058623.D  
Acq: 11 Apr 2024 21:31

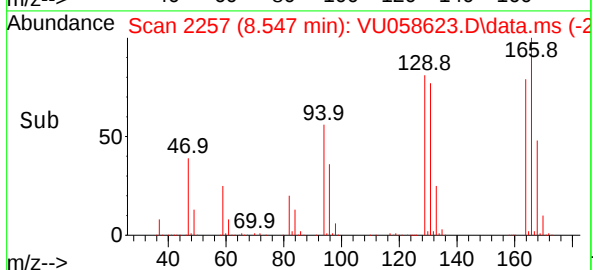
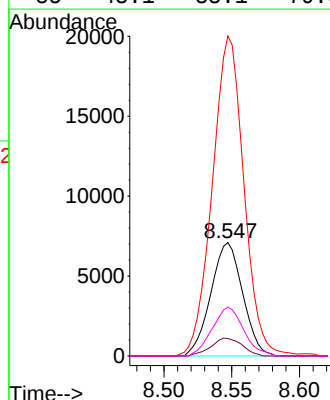
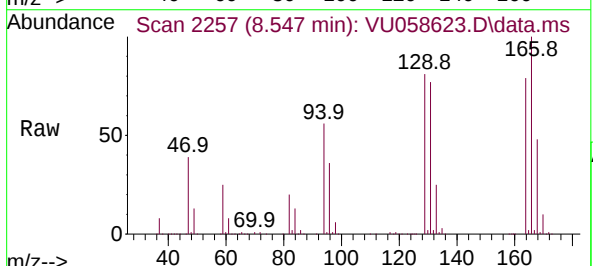
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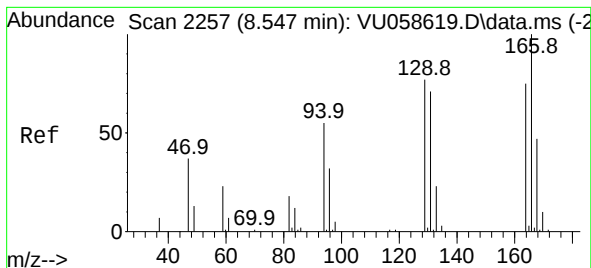
Tgt Ion: 63 Resp: 3377  
Ion Ratio Lower Upper  
63 100  
112 0.0 2.6 4.0#



#45  
1,1,2-Trichloroethane  
Concen: 2.802 ug/L  
RT: 8.547 min Scan# 2257  
Delta R.T. 0.154 min  
Lab File: VU058623.D  
Acq: 11 Apr 2024 21:31

Tgt Ion: 97 Resp: 11577  
Ion Ratio Lower Upper  
97 100  
99 15.4 43.7 81.1#  
83 282.2 64.5 119.7#  
85 43.1 38.1 70.9





#47

Tetrachloroethene

Concen: 239.626 ug/L

RT: 8.547 min Scan# 2257

Delta R.T. -0.000 min

Lab File: VU058623.D

Acq: 11 Apr 2024 21:31

Instrument :

MSVOA\_U

ClientSampleId :

C0BL3

Tgt Ion:164 Resp: 1190603

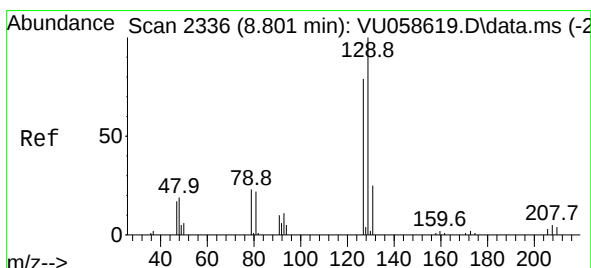
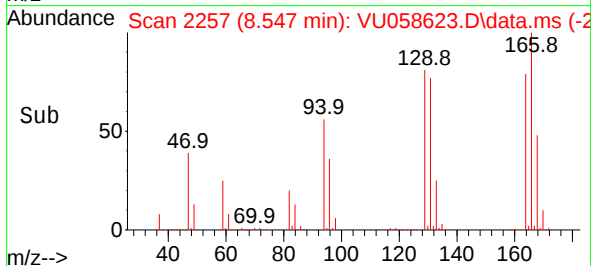
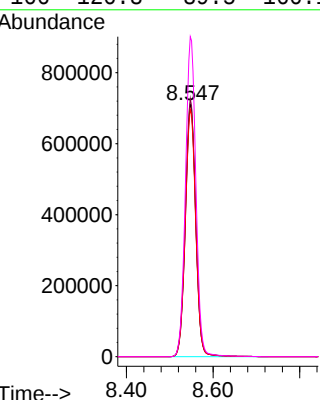
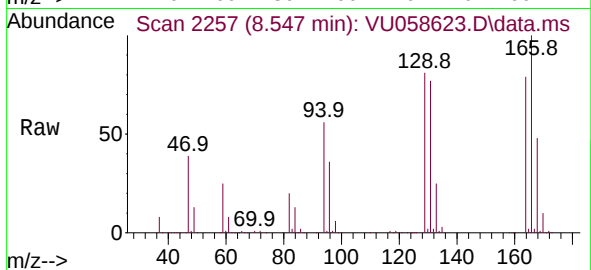
Ion Ratio Lower Upper

164 100

129 102.4 67.3 125.1

131 98.0 65.5 121.6

166 126.8 89.5 166.1



#49

Dibromochloromethane

Concen: 252.794 ug/L

RT: 8.547 min Scan# 2257

Delta R.T. -0.254 min

Lab File: VU058623.D

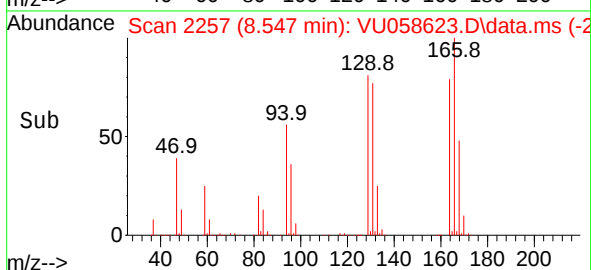
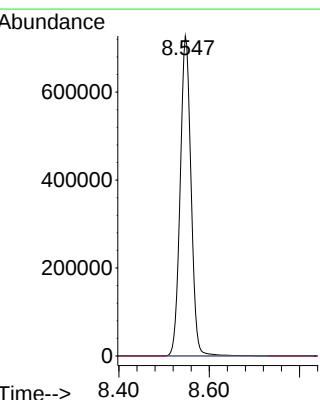
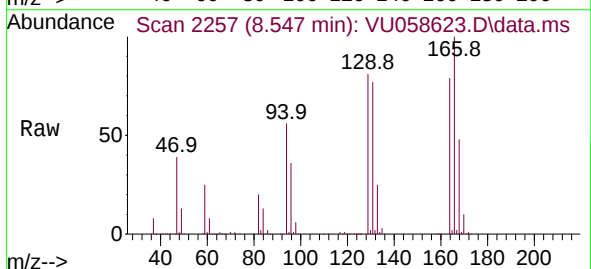
Acq: 11 Apr 2024 21:31

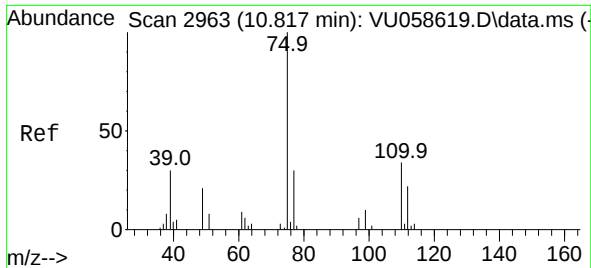
Tgt Ion:129 Resp: 1207525

Ion Ratio Lower Upper

129 100

127 0.0 53.5 99.5#





#61  
 1,2,3-Trichloropropane  
 Concen: 1.428 ug/L  
 RT: 11.807 min Scan# 31  
 Delta R.T. 0.990 min  
 Lab File: VU058623.D  
 Acq: 11 Apr 2024 21:31

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 C0BL3

Tgt Ion: 75 Resp: 4610  
 Ion Ratio Lower Upper  
 75 100  
 110 0.0 25.8 38.6#  
 77 29.5 25.1 37.7

