

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU032824\  
 Data File : VU058254.D  
 Acq On : 28 Mar 2024 21:00  
 Operator : MD/SY  
 Sample : P1902-23  
 Misc : 25.0mL/MSVOA\_U/WATER  
 ALS Vial : 23 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :

Quant Time: Mar 29 01:14:36 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\SFAMUTR032124WMA.M  
 Quant Title : TRACE VOA SFAM1.0  
 QLast Update : Fri Mar 29 01:09:13 2024  
 Response via : Initial Calibration

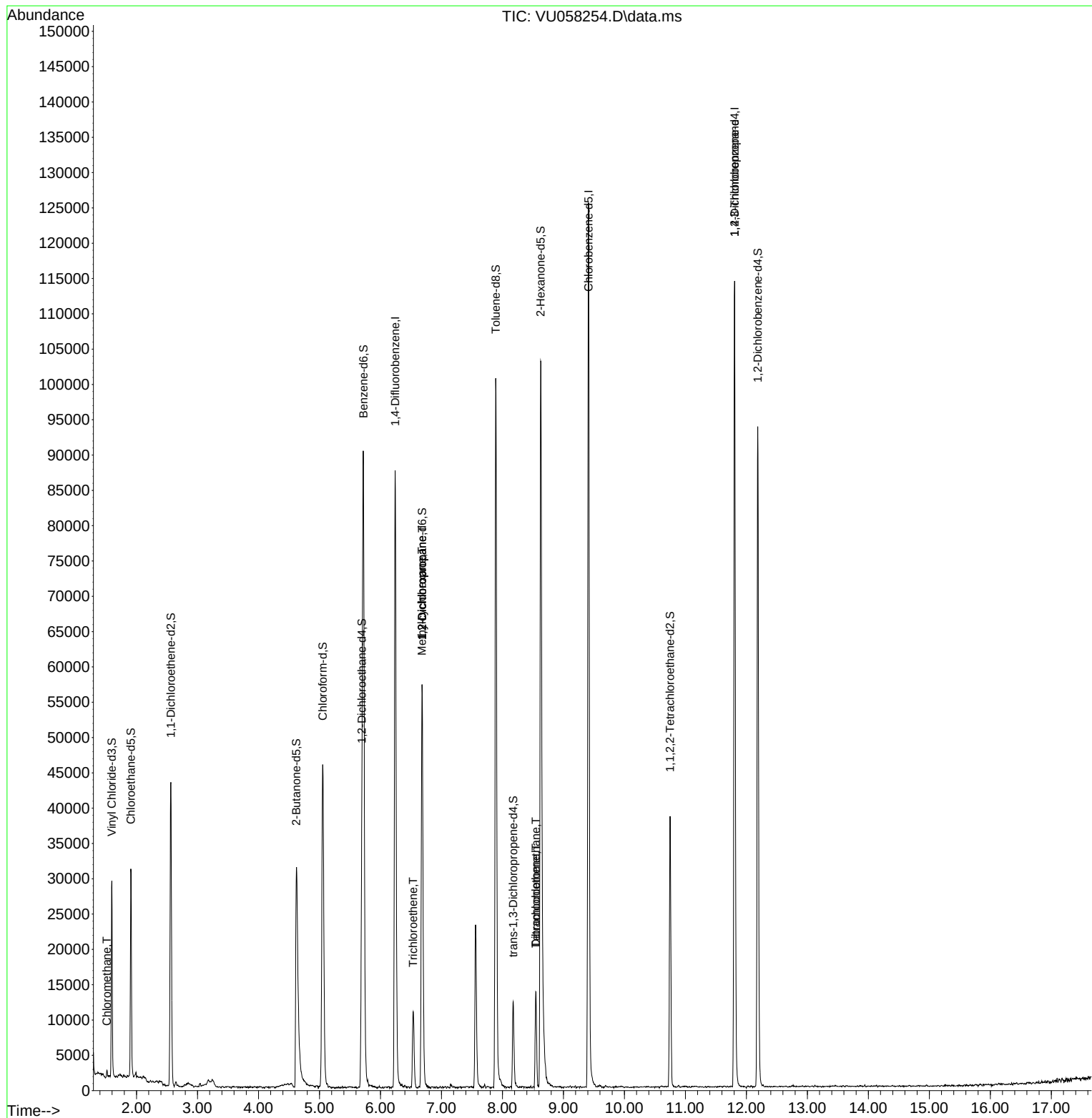
| Compound                      | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|--------|-------|----------|----------|--------|----------|
| -----                         |        |       |          |          |        |          |
| Internal Standards            |        |       |          |          |        |          |
| 1) 1,4-Difluorobenzene        | 6.242  | 114   | 71297    | 5.000    | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 9.412  | 117   | 70162    | 5.000    | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.807 | 152   | 30458    | 5.000    | ug/L   | 0.00     |
|                               |        |       |          |          |        |          |
| System Monitoring Compounds   |        |       |          |          |        |          |
| 4) Vinyl Chloride-d3          | 1.595  | 65    | 19284    | 3.201    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 40 - 130 | Recovery | =      | 64.000%  |
| 7) Chloroethane-d5            | 1.907  | 69    | 20069    | 4.081    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 65 - 130 | Recovery | =      | 81.600%  |
| 11) 1,1-Dichloroethene-d2     | 2.563  | 65    | 8537     | 3.413    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 60 - 125 | Recovery | =      | 68.200%  |
| 20) 2-Butanone-d5             | 4.621  | 46    | 50856    | 47.512   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 40 - 130 | Recovery | =      | 95.020%  |
| 24) Chloroform-d              | 5.055  | 84    | 44442    | 4.126    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =      | 82.600%  |
| 26) 1,2-Dichloroethane-d4     | 5.695  | 65    | 22646    | 4.497    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =      | 90.000%  |
| 32) Benzene-d6                | 5.721  | 84    | 85560    | 3.755    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =      | 75.000%  |
| 36) 1,2-Dichloropropane-d6    | 6.682  | 67    | 28262    | 4.208    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 60 - 140 | Recovery | =      | 84.200%  |
| 41) Toluene-d8                | 7.891  | 98    | 69668    | 3.451    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =      | 69.000%# |
| 43) trans-1,3-Dichloroprop... | 8.177  | 79    | 8024     | 3.729    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 55 - 130 | Recovery | =      | 74.600%  |
| 46) 2-Hexanone-d5             | 8.627  | 63    | 37939    | 43.532   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 45 - 130 | Recovery | =      | 87.060%  |
| 56) 1,1,2,2-Tetrachloroeth... | 10.749 | 84    | 19913    | 4.551    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 65 - 120 | Recovery | =      | 91.000%  |
| 66) 1,2-Dichlorobenzene-d4    | 12.187 | 152   | 24241    | 4.274    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 80 - 120 | Recovery | =      | 85.400%  |
|                               |        |       |          |          |        |          |
| Target Compounds              |        |       |          |          |        | Qvalue   |
| 3) Chloromethane              | 1.515  | 50    | 477      | 0.127    | ug/L   | 89       |
| 34) Trichloroethene           | 6.537  | 95    | 4066     | 0.847    | ug/L   | 92       |
| 35) Methylcyclohexane         | 6.679  | 83    | 6387     | 0.954    | ug/L # | 19       |
| 37) 1,2-Dichloropropane       | 6.682  | 63    | 3035     | 0.590    | ug/L # | 90       |
| 47) Tetrachloroethene         | 8.550  | 164   | 2851     | 0.887    | ug/L   | 95       |
| 49) Dibromochloromethane      | 8.547  | 129   | 3030     | 0.854    | ug/L # | 10       |
| 61) 1,2,3-Trichloropropane    | 11.807 | 75    | 4084     | 1.601    | ug/L # | 65       |
| -----                         |        |       |          |          |        |          |

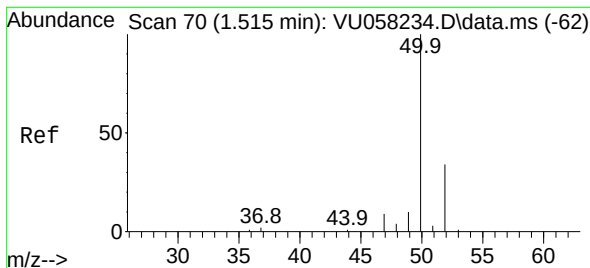
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Mar 29 01:09:13 2024  
Response via : Initial Calibration





#3

Chloromethane

Concen: 0.127 ug/L

RT: 1.515 min Scan# 70

Delta R.T. -0.000 min

Lab File: VU058254.D

Acq: 28 Mar 2024 21:00

Instrument :

MSVOA\_U

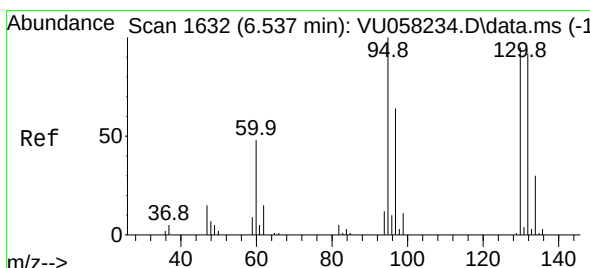
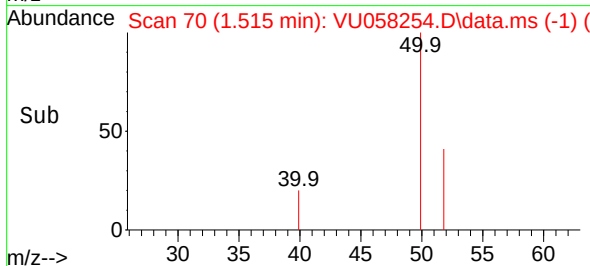
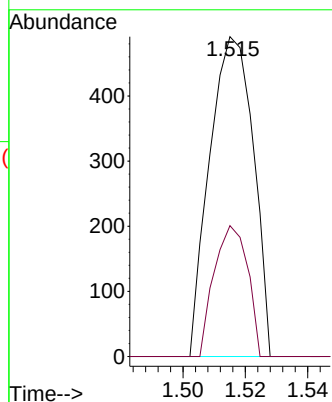
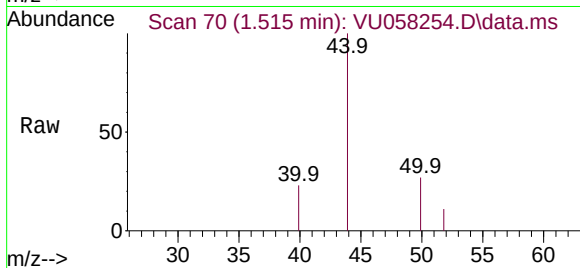
ClientSampleId :

Tgt Ion: 50 Resp: 477

Ion Ratio Lower Upper

50 100

52 40.9 24.2 45.0



#34

Trichloroethene

Concen: 0.847 ug/L

RT: 6.537 min Scan# 1632

Delta R.T. -0.000 min

Lab File: VU058254.D

Acq: 28 Mar 2024 21:00

Tgt Ion: 95 Resp: 4066

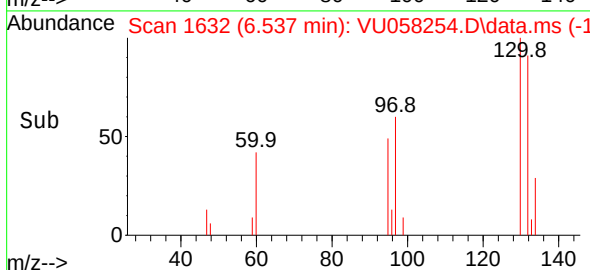
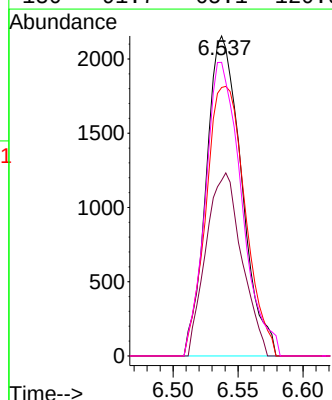
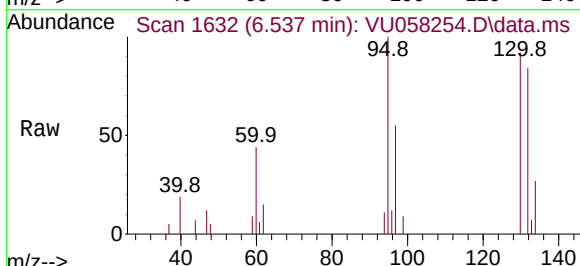
Ion Ratio Lower Upper

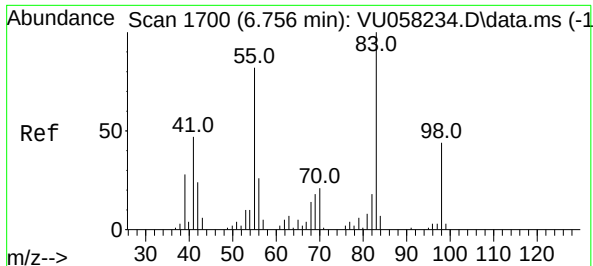
95 100

97 54.9 47.7 88.7

132 83.9 63.6 118.2

130 91.7 65.1 120.9





#35

Methylcyclohexane

Concen: 0.954 ug/L

RT: 6.679 min Scan# 1

Delta R.T. -0.077 min

Lab File: VU058254.D

Acq: 28 Mar 2024 21:00

Instrument :

MSVOA\_U

ClientSampleId :

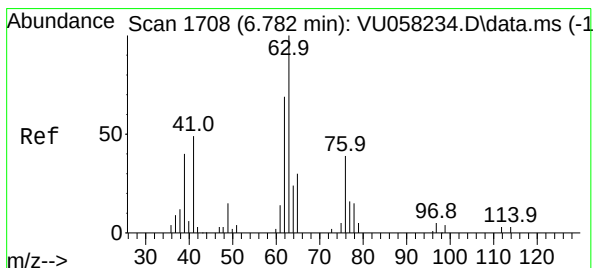
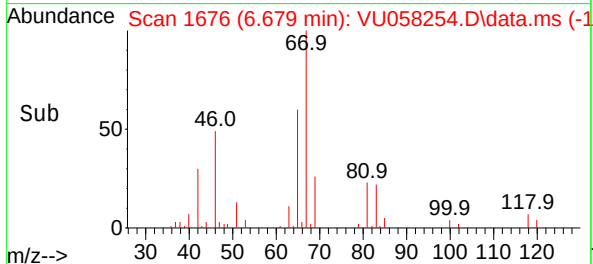
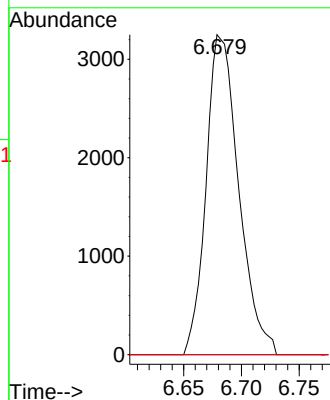
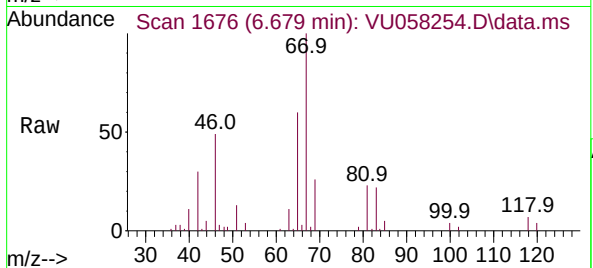
Tgt Ion: 83 Resp: 6387

Ion Ratio Lower Upper

83 100

55 0.0 62.7 94.1#

98 3.4 37.3 55.9#



#37

1,2-Dichloropropane

Concen: 0.590 ug/L

RT: 6.682 min Scan# 1677

Delta R.T. -0.100 min

Lab File: VU058254.D

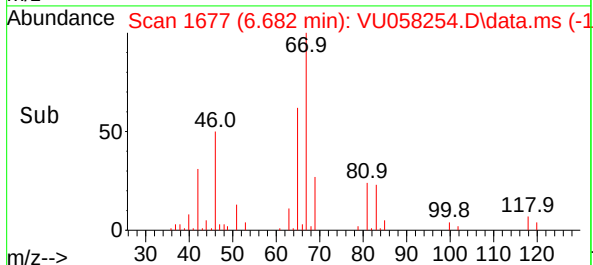
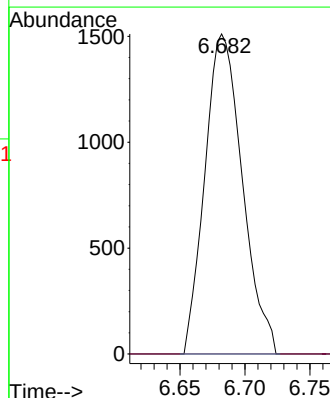
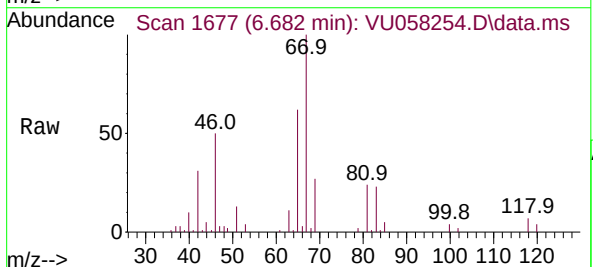
Acq: 28 Mar 2024 21:00

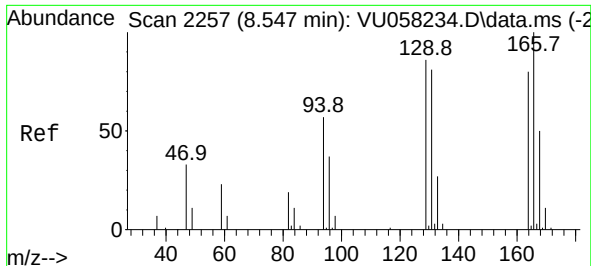
Tgt Ion: 63 Resp: 3035

Ion Ratio Lower Upper

63 100

112 0.0 2.7 4.1#





#47

Tetrachloroethene

Concen: 0.887 ug/L

RT: 8.550 min Scan# 21

Delta R.T. 0.003 min

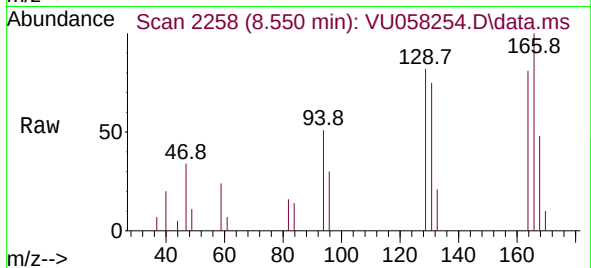
Lab File: VU058254.D

Acq: 28 Mar 2024 21:00

Instrument :

MSVOA\_U

ClientSampleId :



Tgt Ion:164 Resp: 2851

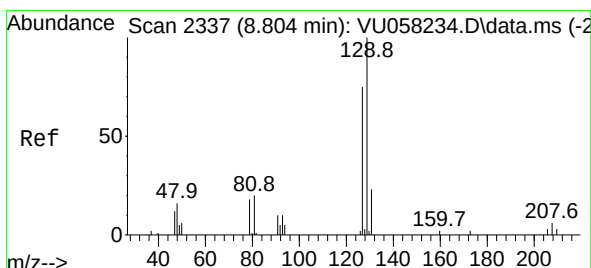
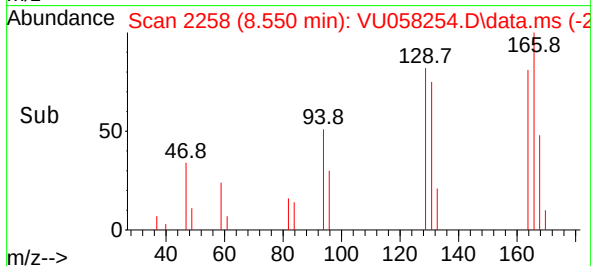
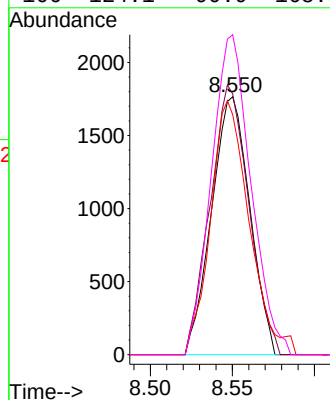
Ion Ratio Lower Upper

164 100

129 101.1 71.3 132.3

131 93.1 70.8 131.4

166 124.1 90.9 168.9



#49

Dibromochloromethane

Concen: 0.854 ug/L

RT: 8.547 min Scan# 2257

Delta R.T. -0.257 min

Lab File: VU058254.D

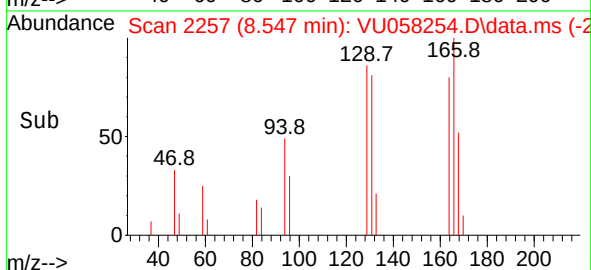
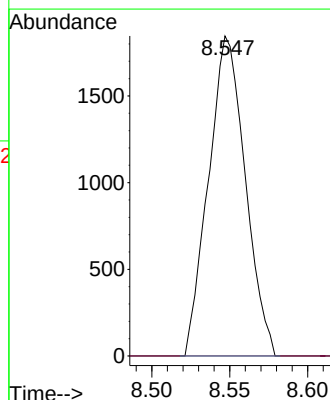
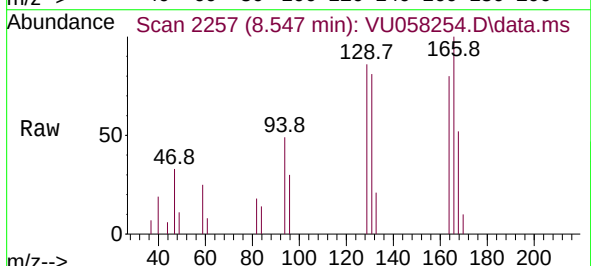
Acq: 28 Mar 2024 21:00

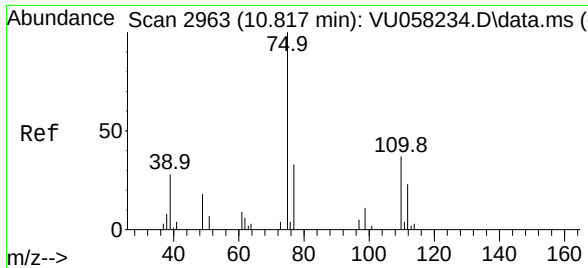
Tgt Ion:129 Resp: 3030

Ion Ratio Lower Upper

129 100

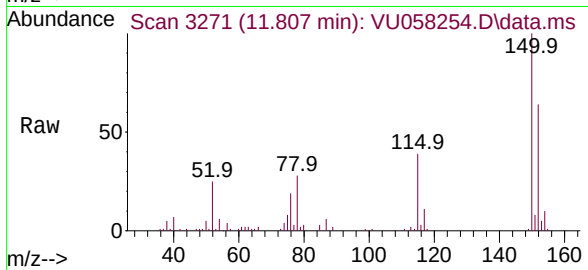
127 0.0 55.7 103.5#





#61  
1,2,3-Trichloropropane  
Concen: 1.601 ug/L  
RT: 11.807 min Scan# 31  
Delta R.T. 0.990 min  
Lab File: VU058254.D  
Acq: 28 Mar 2024 21:00

Instrument :  
MSVOA\_U  
ClientSampleId :



Tgt Ion: 75 Resp: 4084  
Ion Ratio Lower Upper  
75 100  
110 0.0 28.1 42.1#  
77 35.0 25.1 37.7

