

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU012424\  
 Data File : VU057630.D  
 Acq On : 24 Jan 2024 19:45  
 Operator : MD/SY  
 Sample : P1228-19  
 Misc : 25.0mL/MSVOA\_U/WATER  
 ALS Vial : 22 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :

Quant Time: Jan 25 01:56:55 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\SFAMUTR012324WMA.M  
 Quant Title : TRACE VOA SFAM1.0  
 QLast Update : Thu Jan 25 01:52:13 2024  
 Response via : Initial Calibration

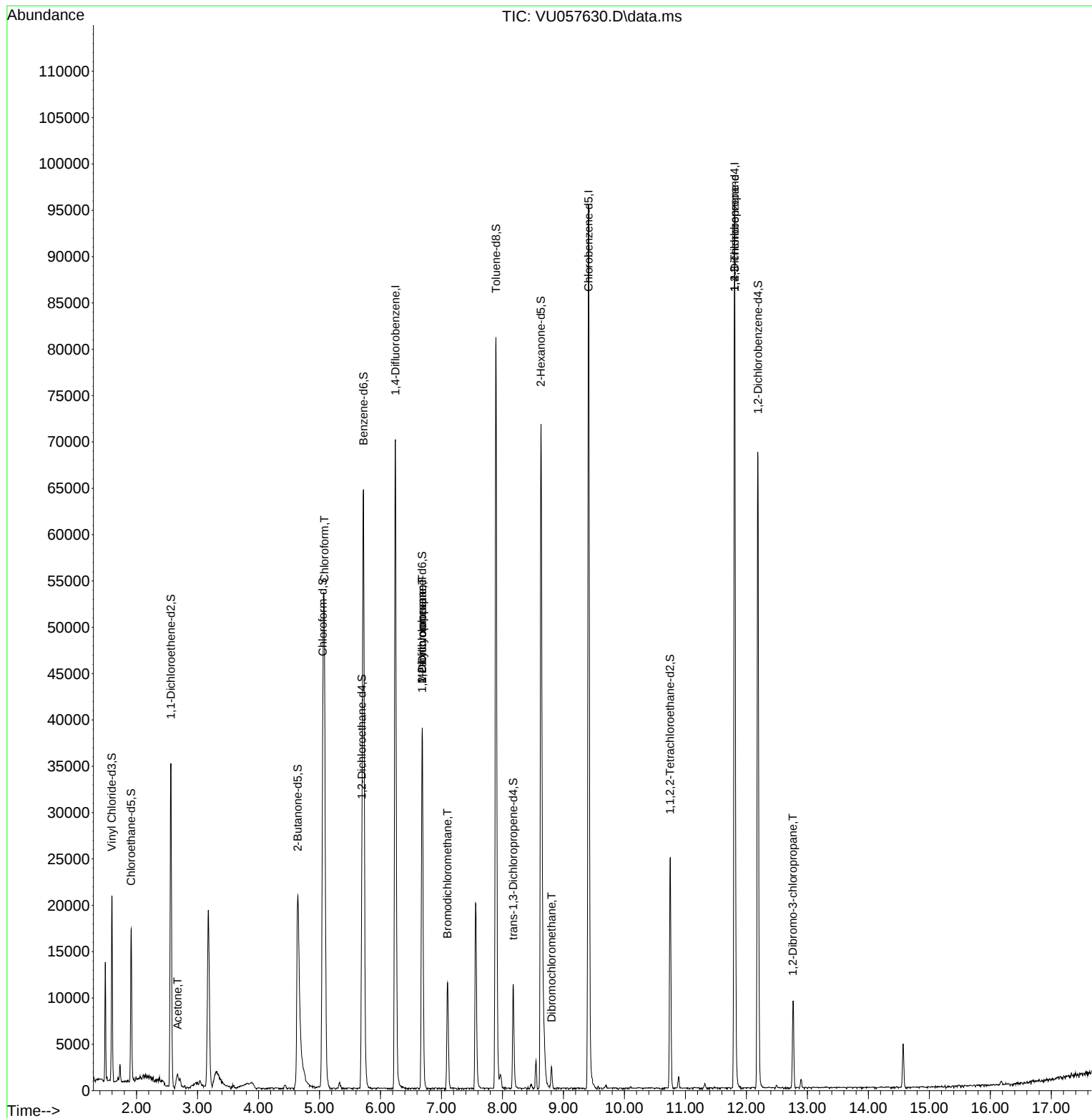
| Compound                      | R.T.   | QIon           | Response | Conc   | Units    | Dev(Min) |
|-------------------------------|--------|----------------|----------|--------|----------|----------|
| -----                         |        |                |          |        |          |          |
| Internal Standards            |        |                |          |        |          |          |
| 1) 1,4-Difluorobenzene        | 6.245  | 114            | 58404    | 5.000  | ug/L     | 0.00     |
| 28) Chlorobenzene-d5          | 9.412  | 117            | 53892    | 5.000  | ug/L     | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.807 | 152            | 25390    | 5.000  | ug/L     | 0.00     |
|                               |        |                |          |        |          |          |
| System Monitoring Compounds   |        |                |          |        |          |          |
| 4) Vinyl Chloride-d3          | 1.595  | 65             | 13965    | 4.340  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 40 - 130 | Recovery | =      | 86.800%  |          |
| 7) Chloroethane-d5            | 1.911  | 69             | 12111    | 4.492  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 65 - 130 | Recovery | =      | 89.800%  |          |
| 11) 1,1-Dichloroethene-d2     | 2.563  | 65             | 6680     | 4.415  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 60 - 125 | Recovery | =      | 88.200%  |          |
| 20) 2-Butanone-d5             | 4.644  | 46             | 34575    | 56.956 | ug/L     | 0.00     |
| Spiked Amount                 | 50.000 | Range 40 - 130 | Recovery | =      | 113.920% |          |
| 24) Chloroform-d              | 5.055  | 84             | 32047    | 4.906  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 70 - 125 | Recovery | =      | 98.200%  |          |
| 26) 1,2-Dichloroethane-d4     | 5.695  | 65             | 15125    | 5.096  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 70 - 130 | Recovery | =      | 102.000% |          |
| 32) Benzene-d6                | 5.721  | 84             | 60479    | 4.784  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 70 - 125 | Recovery | =      | 95.600%  |          |
| 36) 1,2-Dichloropropane-d6    | 6.685  | 67             | 18974    | 4.976  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 60 - 140 | Recovery | =      | 99.600%  |          |
| 41) Toluene-d8                | 7.894  | 98             | 55626    | 4.635  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 70 - 130 | Recovery | =      | 92.800%  |          |
| 43) trans-1,3-Dichloroprop... | 8.177  | 79             | 7052     | 4.641  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 55 - 130 | Recovery | =      | 92.800%  |          |
| 46) 2-Hexanone-d5             | 8.631  | 63             | 25289    | 52.158 | ug/L     | 0.00     |
| Spiked Amount                 | 50.000 | Range 45 - 130 | Recovery | =      | 104.320% |          |
| 56) 1,1,2,2-Tetrachloroeth... | 10.749 | 84             | 12766    | 4.995  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 65 - 120 | Recovery | =      | 99.800%  |          |
| 66) 1,2-Dichlorobenzene-d4    | 12.190 | 152            | 18304    | 5.137  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 80 - 120 | Recovery | =      | 102.800% |          |
|                               |        |                |          |        |          |          |
| Target Compounds              |        |                |          |        |          | Qvalue   |
| 13) Acetone                   | 2.673  | 43             | 3318     | 5.752  | ug/L     | 91       |
| 25) Chloroform                | 5.081  | 83             | 37902    | 4.327  | ug/L     | 99       |
| 35) Methylcyclohexane         | 6.685  | 83             | 4392     | 0.534  | ug/L #   | 18       |
| 37) 1,2-Dichloropropane       | 6.682  | 63             | 2149     | 0.465  | ug/L #   | 89       |
| 38) Bromodichloromethane      | 7.100  | 83             | 8138     | 1.308  | ug/L     | 95       |
| 49) Dibromochloromethane      | 8.804  | 129            | 1406     | 0.361  | ug/L     | 94       |
| 61) 1,2,3-Trichloropropane    | 11.807 | 75             | 3261     | 1.280  | ug/L #   | 64       |
| 68) 1,2-Dibromo-3-chloropr... | 12.759 | 75             | 259      | 0.540  | ug/L #   | 5        |
| -----                         |        |                |          |        |          |          |

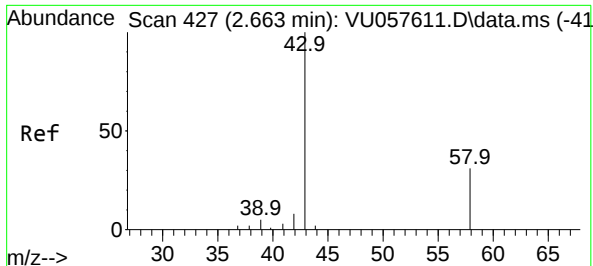
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Jan 25 01:52:13 2024  
Response via : Initial Calibration





#13

Acetone

Concen: 5.752 ug/L

RT: 2.673 min Scan# 41

Delta R.T. 0.010 min

Lab File: VU057630.D

Acq: 24 Jan 2024 19:45

Instrument :

MSVOA\_U

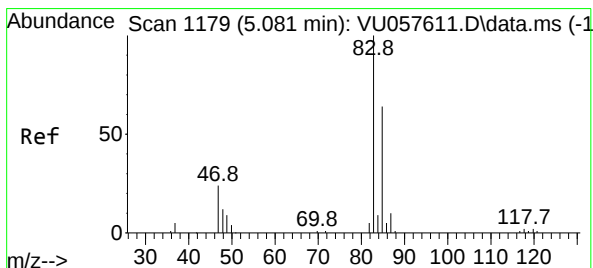
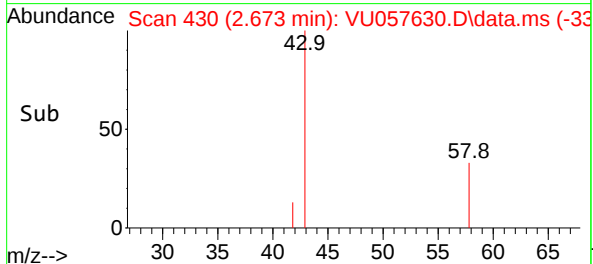
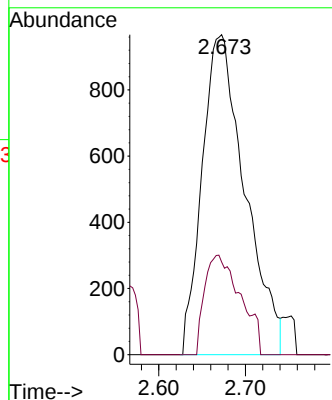
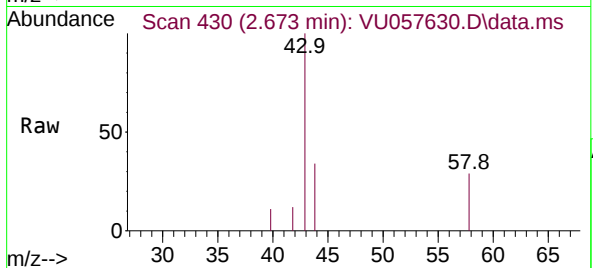
ClientSampleId :

Tgt Ion: 43 Resp: 3318

Ion Ratio Lower Upper

43 100

58 26.0 0.0 61.4



#25

Chloroform

Concen: 4.327 ug/L

RT: 5.081 min Scan# 1179

Delta R.T. 0.000 min

Lab File: VU057630.D

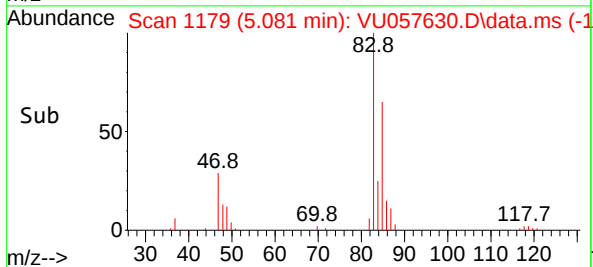
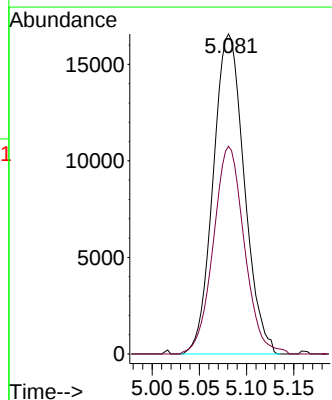
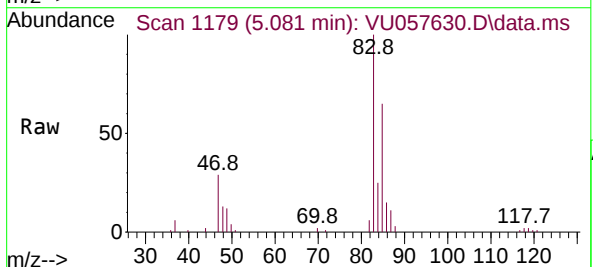
Acq: 24 Jan 2024 19:45

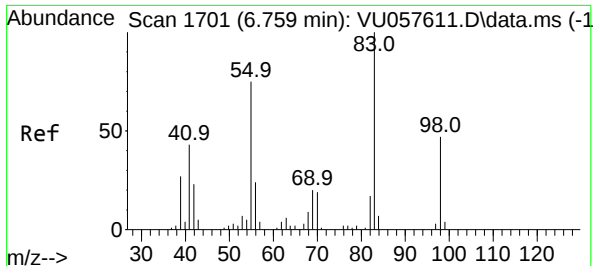
Tgt Ion: 83 Resp: 37902

Ion Ratio Lower Upper

83 100

85 64.9 46.1 85.5

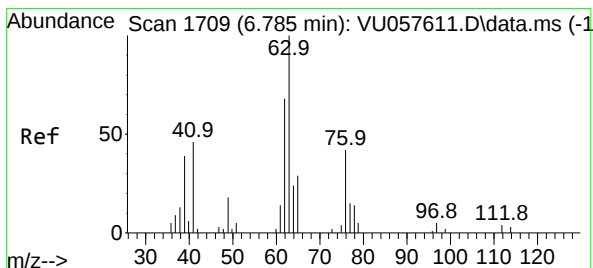
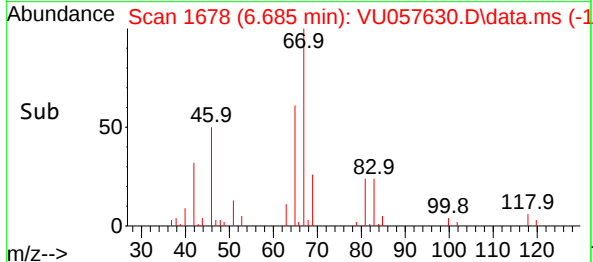
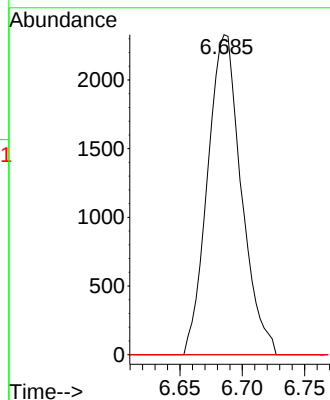
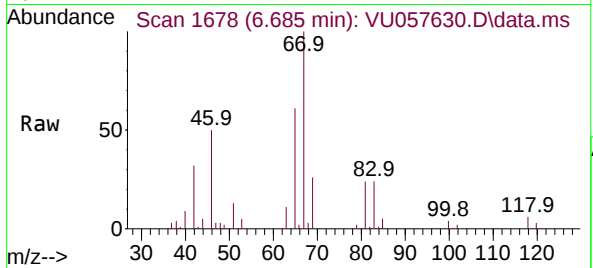




#35  
Methylcyclohexane  
Concen: 0.534 ug/L  
RT: 6.685 min Scan# 1677  
Delta R.T. -0.074 min  
Lab File: VU057630.D  
Acq: 24 Jan 2024 19:45

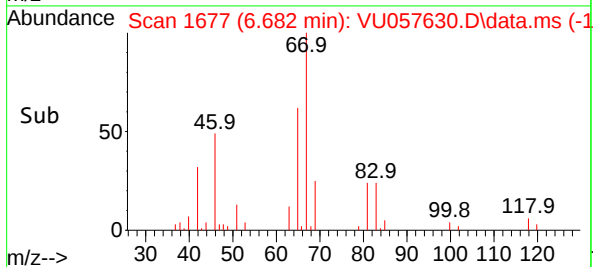
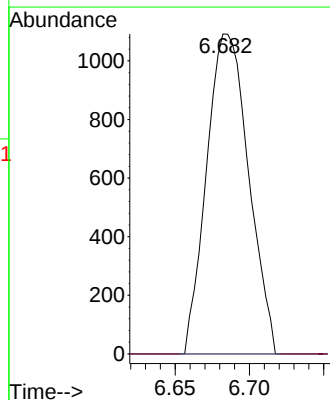
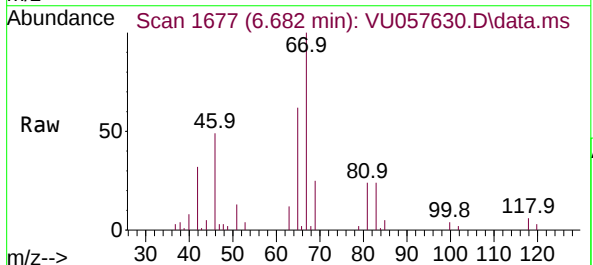
Instrument :  
MSVOA\_U  
ClientSampleId :

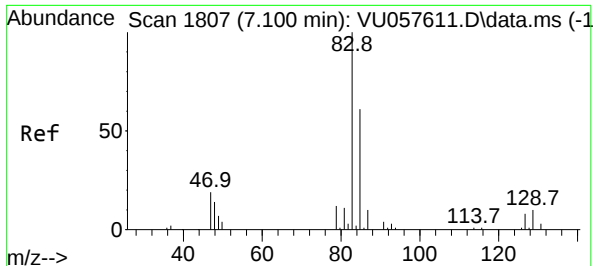
Tgt Ion: 83 Resp: 4392  
Ion Ratio Lower Upper  
83 100  
55 0.0 61.4 92.0#  
98 0.0 38.2 57.4#



#37  
1,2-Dichloropropane  
Concen: 0.465 ug/L  
RT: 6.682 min Scan# 1677  
Delta R.T. -0.103 min  
Lab File: VU057630.D  
Acq: 24 Jan 2024 19:45

Tgt Ion: 63 Resp: 2149  
Ion Ratio Lower Upper  
63 100  
112 0.0 3.0 4.4#





#38

Bromodichloromethane

Concen: 1.308 ug/L

RT: 7.100 min Scan# 1807

Delta R.T. 0.000 min

Lab File: VU057630.D

Acq: 24 Jan 2024 19:45

Instrument :

MSVOA\_U

ClientSampleId :

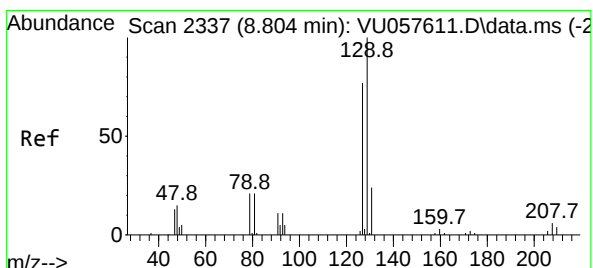
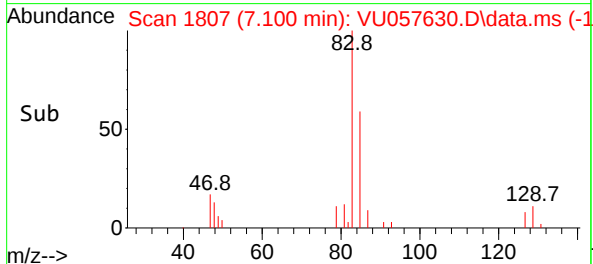
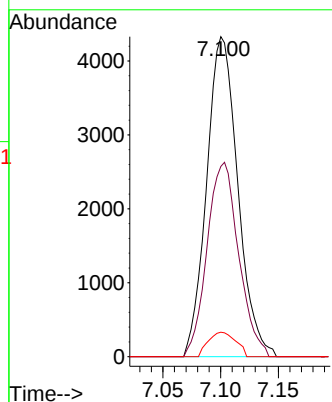
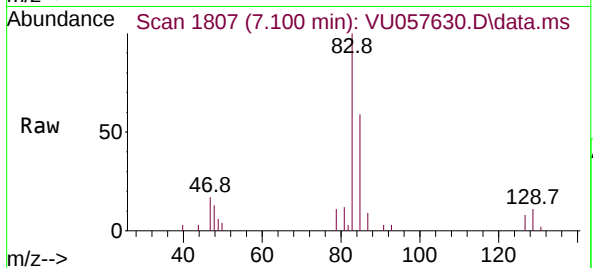
Tgt Ion: 83 Resp: 8138

Ion Ratio Lower Upper

83 100

85 59.4 44.7 83.1

127 7.7 6.4 9.6



#49

Dibromochloromethane

Concen: 0.361 ug/L

RT: 8.804 min Scan# 2337

Delta R.T. 0.000 min

Lab File: VU057630.D

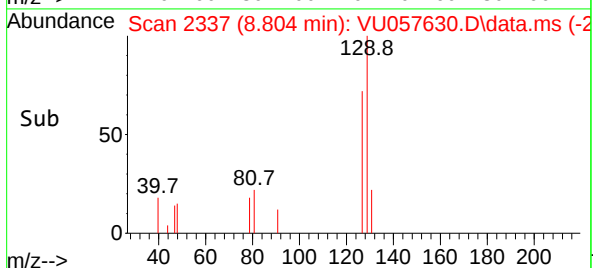
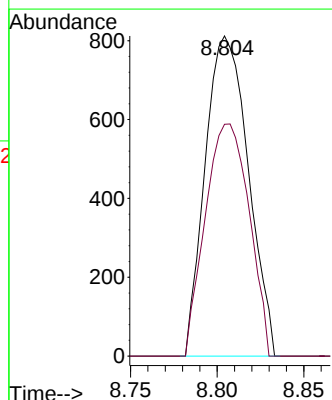
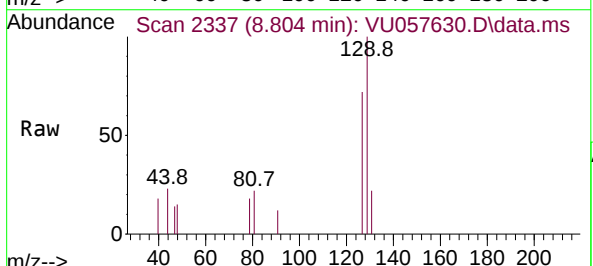
Acq: 24 Jan 2024 19:45

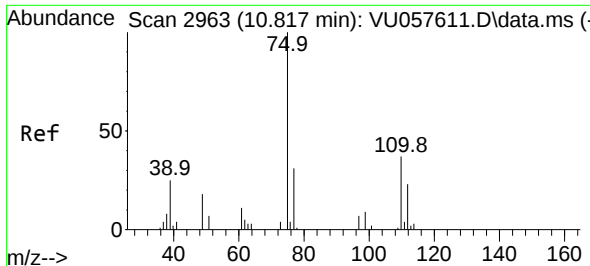
Tgt Ion: 129 Resp: 1406

Ion Ratio Lower Upper

129 100

127 72.4 54.5 101.1

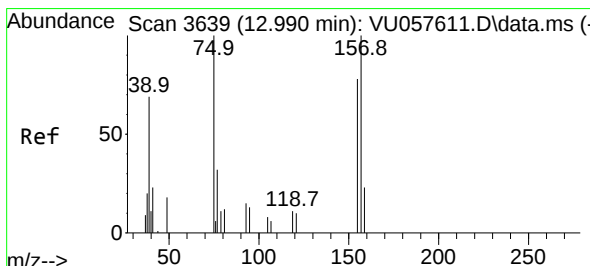
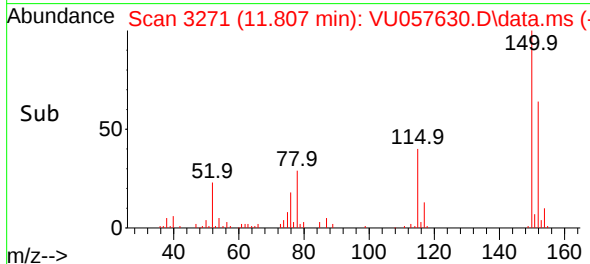
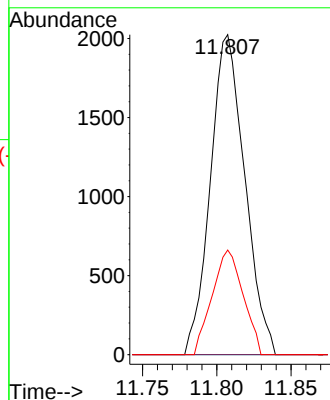
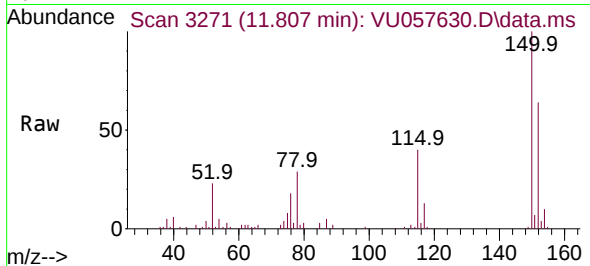




#61  
1,2,3-Trichloropropane  
Concen: 1.280 ug/L  
RT: 11.807 min Scan# 31  
Delta R.T. 0.990 min  
Lab File: VU057630.D  
Acq: 24 Jan 2024 19:45

Instrument :  
MSVOA\_U  
ClientSampleId :

Tgt Ion: 75 Resp: 3261  
Ion Ratio Lower Upper  
75 100  
110 0.0 30.1 45.1#  
77 29.4 25.5 38.3



#68  
1,2-Dibromo-3-chloropropane  
Concen: 0.540 ug/L  
RT: 12.759 min Scan# 3567  
Delta R.T. -0.231 min  
Lab File: VU057630.D  
Acq: 24 Jan 2024 19:45

Tgt Ion: 75 Resp: 259  
Ion Ratio Lower Upper  
75 100  
155 0.0 62.8 94.2#  
157 0.0 78.9 118.3#

