

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU012424\  
 Data File : VU057624.D  
 Acq On : 24 Jan 2024 17:20  
 Operator : MD/SY  
 Sample : P1228-12DL 100X  
 Misc : 25.0mL/MSVOA\_U/WATER  
 ALS Vial : 16 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :

Quant Time: Jan 25 01:55:36 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

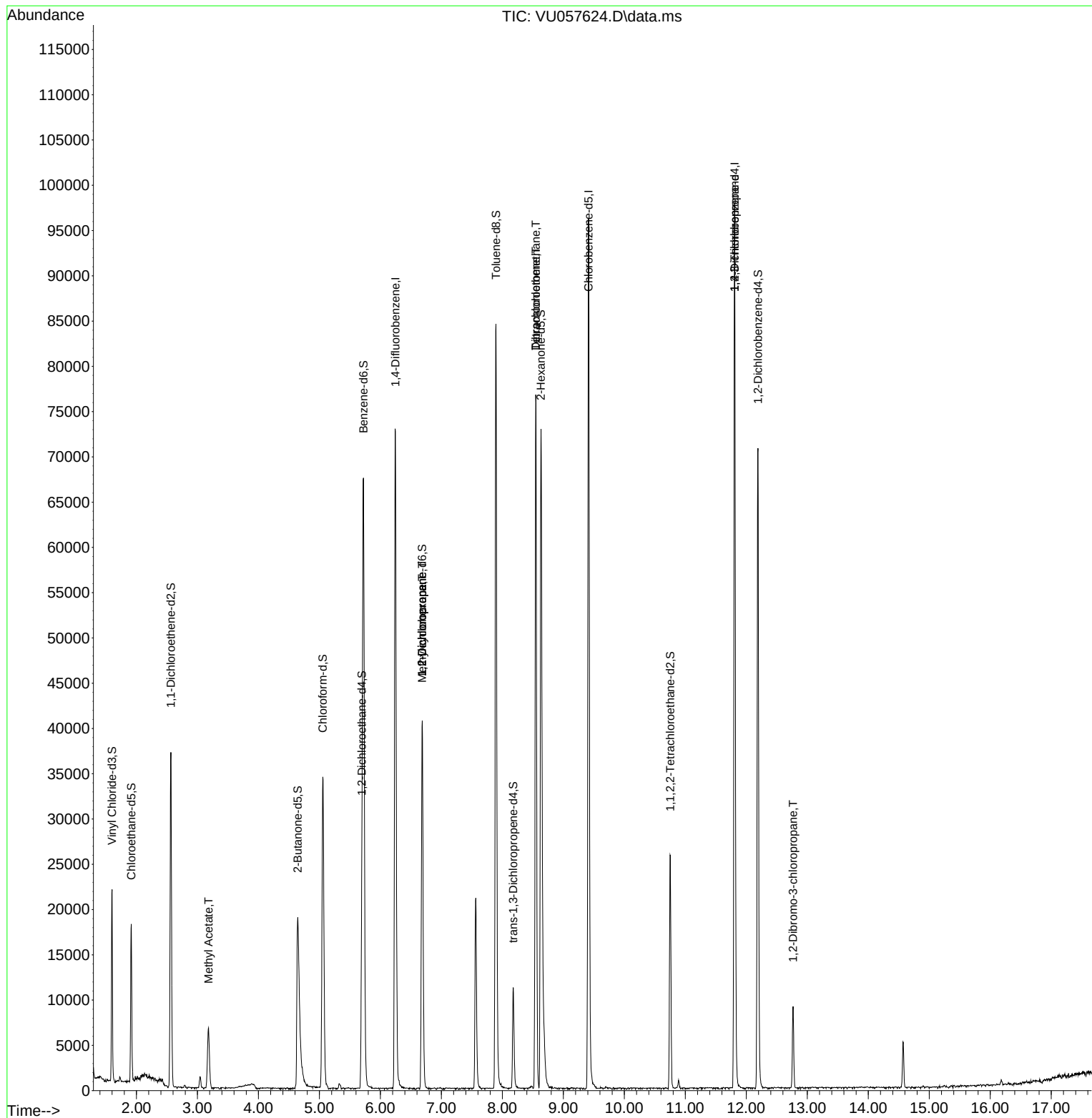
| Compound                      | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|--------|-------|----------|----------|--------|----------|
| -----                         |        |       |          |          |        |          |
| Internal Standards            |        |       |          |          |        |          |
| 1) 1,4-Difluorobenzene        | 6.245  | 114   | 61249    | 5.000    | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 9.412  | 117   | 54098    | 5.000    | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.807 | 152   | 26162    | 5.000    | ug/L   | 0.00     |
| System Monitoring Compounds   |        |       |          |          |        |          |
| 4) Vinyl Chloride-d3          | 1.599  | 65    | 14965    | 4.435    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 40 - 130 | Recovery | =      | 88.600%  |
| 7) Chloroethane-d5            | 1.914  | 69    | 12563    | 4.443    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 65 - 130 | Recovery | =      | 88.800%  |
| 11) 1,1-Dichloroethene-d2     | 2.563  | 65    | 7047     | 4.441    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 60 - 125 | Recovery | =      | 88.800%  |
| 20) 2-Butanone-d5             | 4.644  | 46    | 35106    | 55.144   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 40 - 130 | Recovery | =      | 110.280% |
| 24) Chloroform-d              | 5.055  | 84    | 31881    | 4.654    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =      | 93.000%  |
| 26) 1,2-Dichloroethane-d4     | 5.695  | 65    | 16008    | 5.143    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =      | 102.800% |
| 32) Benzene-d6                | 5.721  | 84    | 63729    | 5.022    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =      | 100.400% |
| 36) 1,2-Dichloropropane-d6    | 6.685  | 67    | 19596    | 5.120    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 60 - 140 | Recovery | =      | 102.400% |
| 41) Toluene-d8                | 7.894  | 98    | 58635    | 4.868    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =      | 97.400%  |
| 43) trans-1,3-Dichloroprop... | 8.177  | 79    | 7127     | 4.672    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 55 - 130 | Recovery | =      | 93.400%  |
| 46) 2-Hexanone-d5             | 8.631  | 63    | 26089    | 53.604   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 45 - 130 | Recovery | =      | 107.200% |
| 56) 1,1,2,2-Tetrachloroeth... | 10.753 | 84    | 13069    | 5.094    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 65 - 120 | Recovery | =      | 101.800% |
| 66) 1,2-Dichlorobenzene-d4    | 12.190 | 152   | 18977    | 5.169    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 80 - 120 | Recovery | =      | 103.400% |
| Target Compounds              |        |       |          |          |        |          |
|                               |        |       |          |          | Qvalue |          |
| 15) Methyl Acetate            | 3.181  | 43    | 634      | 0.407    | ug/L # | 49       |
| 35) Methylcyclohexane         | 6.682  | 83    | 4272     | 0.517    | ug/L # | 18       |
| 37) 1,2-Dichloropropane       | 6.685  | 63    | 2258     | 0.486    | ug/L # | 89       |
| 47) Tetrachloroethene         | 8.547  | 164   | 16149    | 4.296    | ug/L   | 98       |
| 49) Dibromochloromethane      | 8.547  | 129   | 16124    | 4.124    | ug/L # | 10       |
| 61) 1,2,3-Trichloropropane    | 11.807 | 75    | 3227     | 1.229    | ug/L # | 65       |
| 68) 1,2-Dibromo-3-chloropr... | 12.766 | 75    | 207      | 0.419    | ug/L # | 5        |
| -----                         |        |       |          |          |        |          |

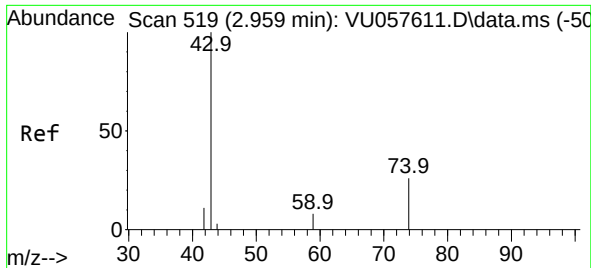
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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MSVOA\_U  
ClientSampleId :

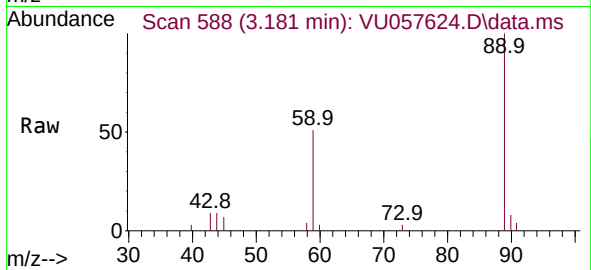
Quant Time: Jan 25 01:55:36 2024  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\SFAMUTR012324WMA.M  
Quant Title : TRACE VOA SFAM1.0  
QLast Update : Thu Jan 25 01:52:13 2024  
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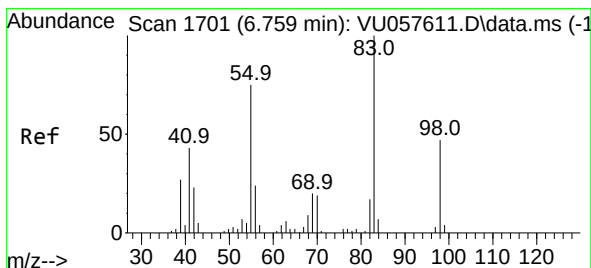
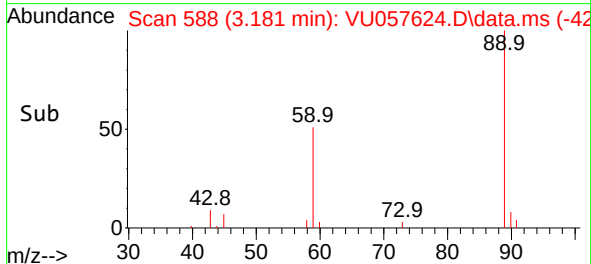
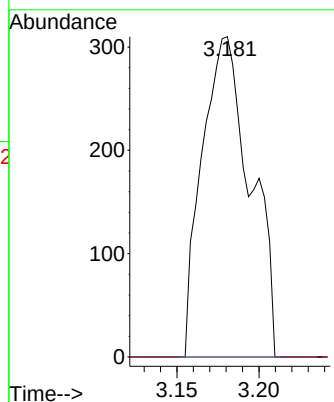


#15  
Methyl Acetate  
Concen: 0.407 ug/L  
RT: 3.181 min Scan# 519  
Delta R.T. 0.222 min  
Lab File: VU057624.D  
Acq: 24 Jan 2024 17:20

Instrument :  
MSVOA\_U  
ClientSampleId :

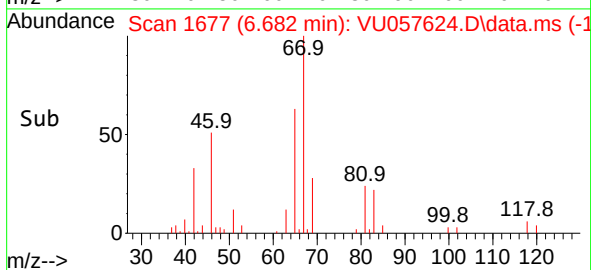
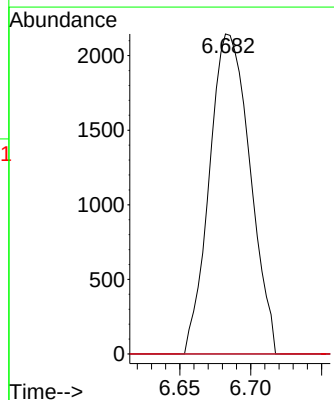
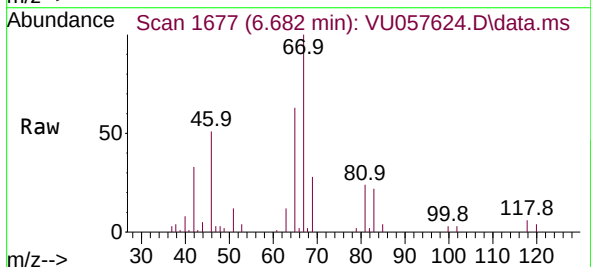


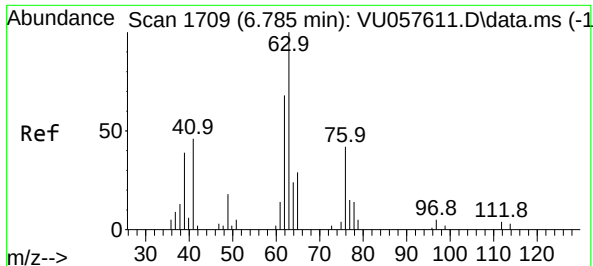
Tgt Ion: 43 Resp: 634  
Ion Ratio Lower Upper  
43 100  
74 0.0 20.7 31.1#



#35  
Methylcyclohexane  
Concen: 0.517 ug/L  
RT: 6.682 min Scan# 1677  
Delta R.T. -0.077 min  
Lab File: VU057624.D  
Acq: 24 Jan 2024 17:20

Tgt Ion: 83 Resp: 4272  
Ion Ratio Lower Upper  
83 100  
55 0.0 61.4 92.0#  
98 0.0 38.2 57.4#

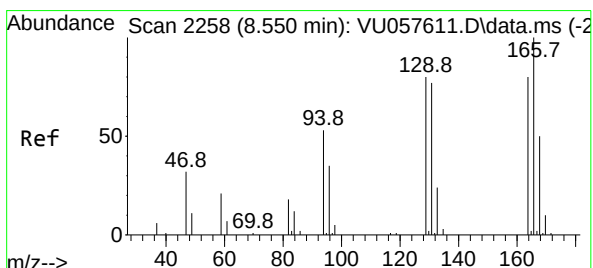
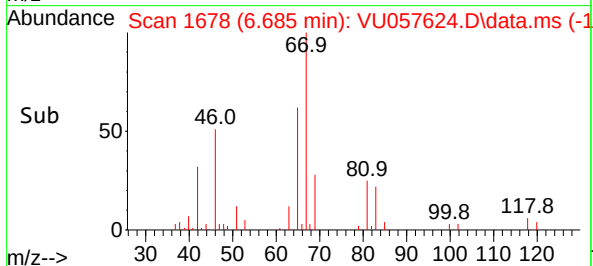
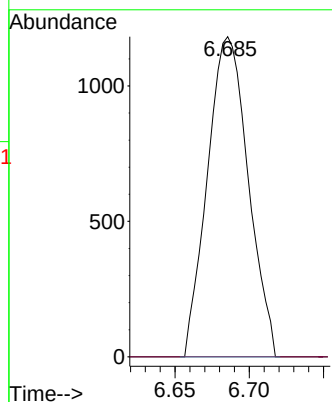
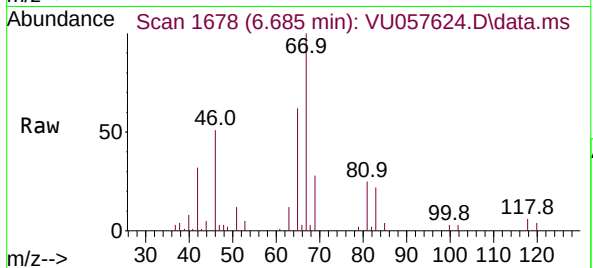




#37  
1,2-Dichloropropane  
Concen: 0.486 ug/L  
RT: 6.685 min Scan# 11  
Delta R.T. -0.099 min  
Lab File: VU057624.D  
Acq: 24 Jan 2024 17:20

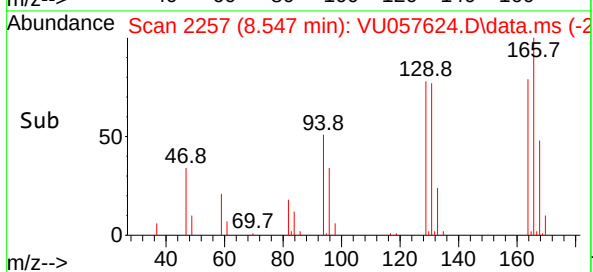
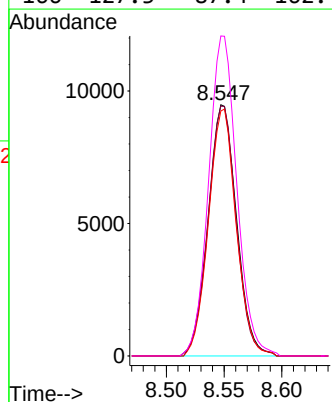
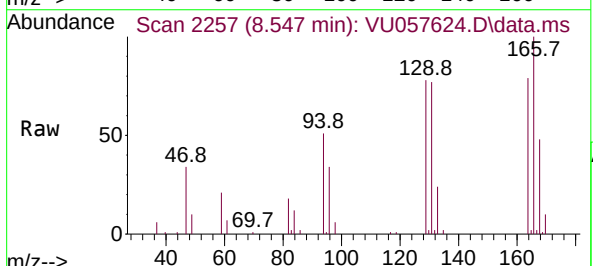
Instrument :  
MSVOA\_U  
ClientSampleId :

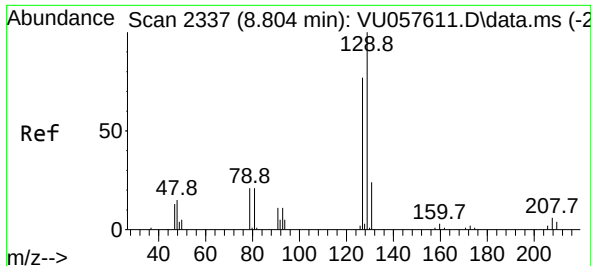
Tgt Ion: 63 Resp: 2258  
Ion Ratio Lower Upper  
63 100  
112 0.0 3.0 4.4#



#47  
Tetrachloroethene  
Concen: 4.296 ug/L  
RT: 8.547 min Scan# 2257  
Delta R.T. -0.003 min  
Lab File: VU057624.D  
Acq: 24 Jan 2024 17:20

Tgt Ion:164 Resp: 16149  
Ion Ratio Lower Upper  
164 100  
129 99.5 71.3 132.5  
131 97.5 68.1 126.5  
166 127.3 87.4 162.4





#49

Dibromochloromethane

Concen: 4.124 ug/L

RT: 8.547 min Scan# 21

Delta R.T. -0.257 min

Lab File: VU057624.D

Acq: 24 Jan 2024 17:20

Instrument :

MSVOA\_U

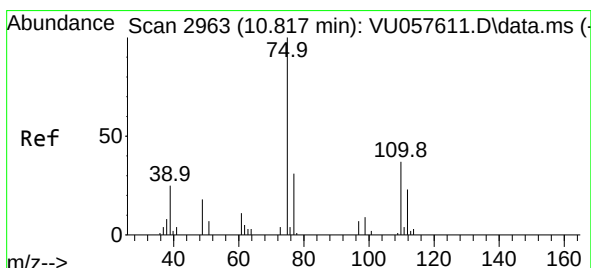
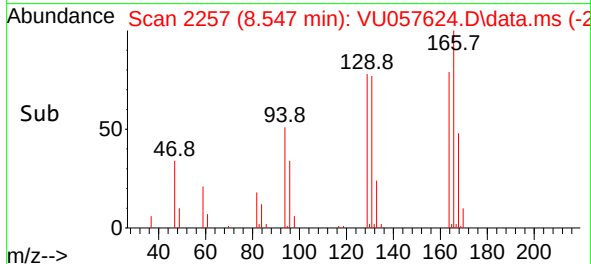
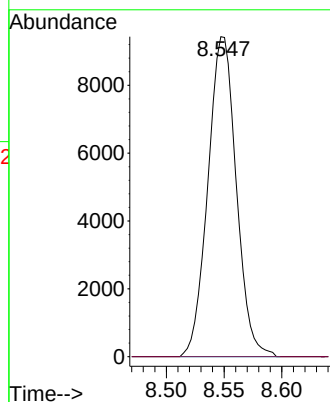
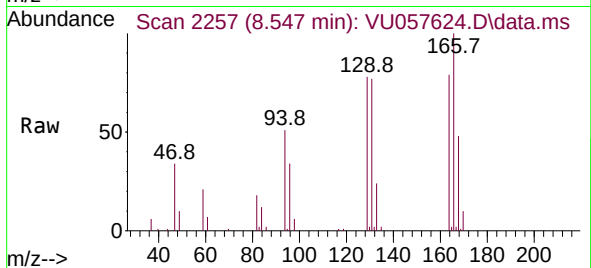
ClientSampleId :

Tgt Ion:129 Resp: 16124

Ion Ratio Lower Upper

129 100

127 0.0 54.5 101.1#



#61

1,2,3-Trichloropropane

Concen: 1.229 ug/L

RT: 11.807 min Scan# 3271

Delta R.T. 0.990 min

Lab File: VU057624.D

Acq: 24 Jan 2024 17:20

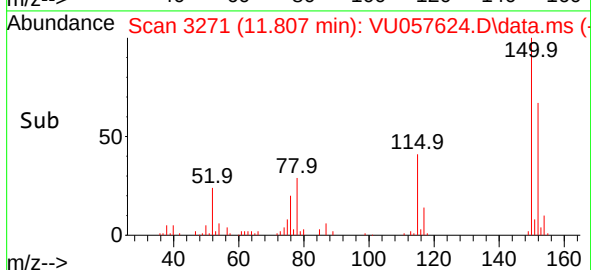
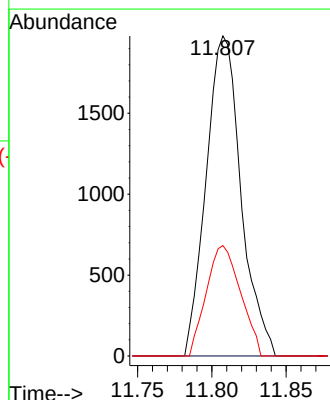
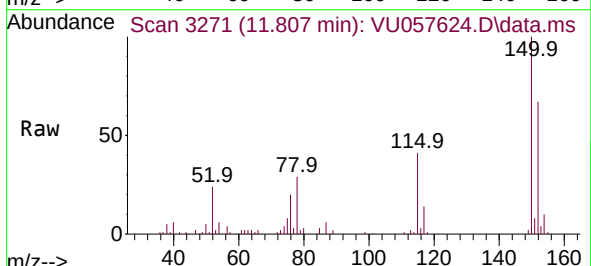
Tgt Ion: 75 Resp: 3227

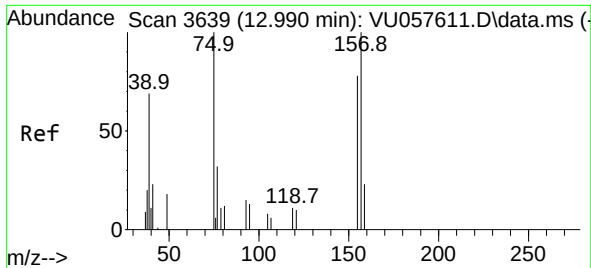
Ion Ratio Lower Upper

75 100

110 0.0 30.1 45.1#

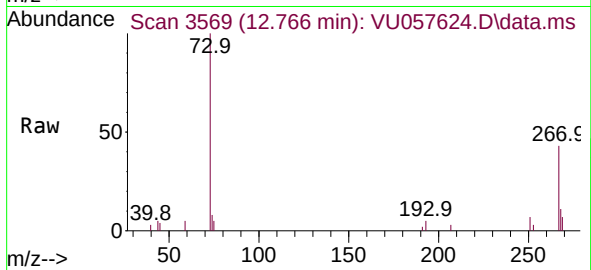
77 33.8 25.5 38.3





#68  
1,2-Dibromo-3-chloropropane  
Concen: 0.419 ug/L  
RT: 12.766 min Scan# 31  
Delta R.T. -0.225 min  
Lab File: VU057624.D  
Acq: 24 Jan 2024 17:20

Instrument :  
MSVOA\_U  
ClientSampleId :



Tgt Ion: 75 Resp: 207  
Ion Ratio Lower Upper  
75 100  
155 0.0 62.8 94.2#  
157 0.0 78.9 118.3#

