

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU012624\  
 Data File : VU057681.D  
 Acq On : 26 Jan 2024 10:35  
 Operator : MD/SY  
 Sample : P1227-19DL 5X  
 Misc : 25.0mL/MSVOA\_U/WATER  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :

Quant Time: Jan 29 00:27:44 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\SFAMUTR012324WMA.M  
 Quant Title : TRACE VOA SFAM1.0  
 QLast Update : Mon Jan 29 00:26:20 2024  
 Response via : Initial Calibration

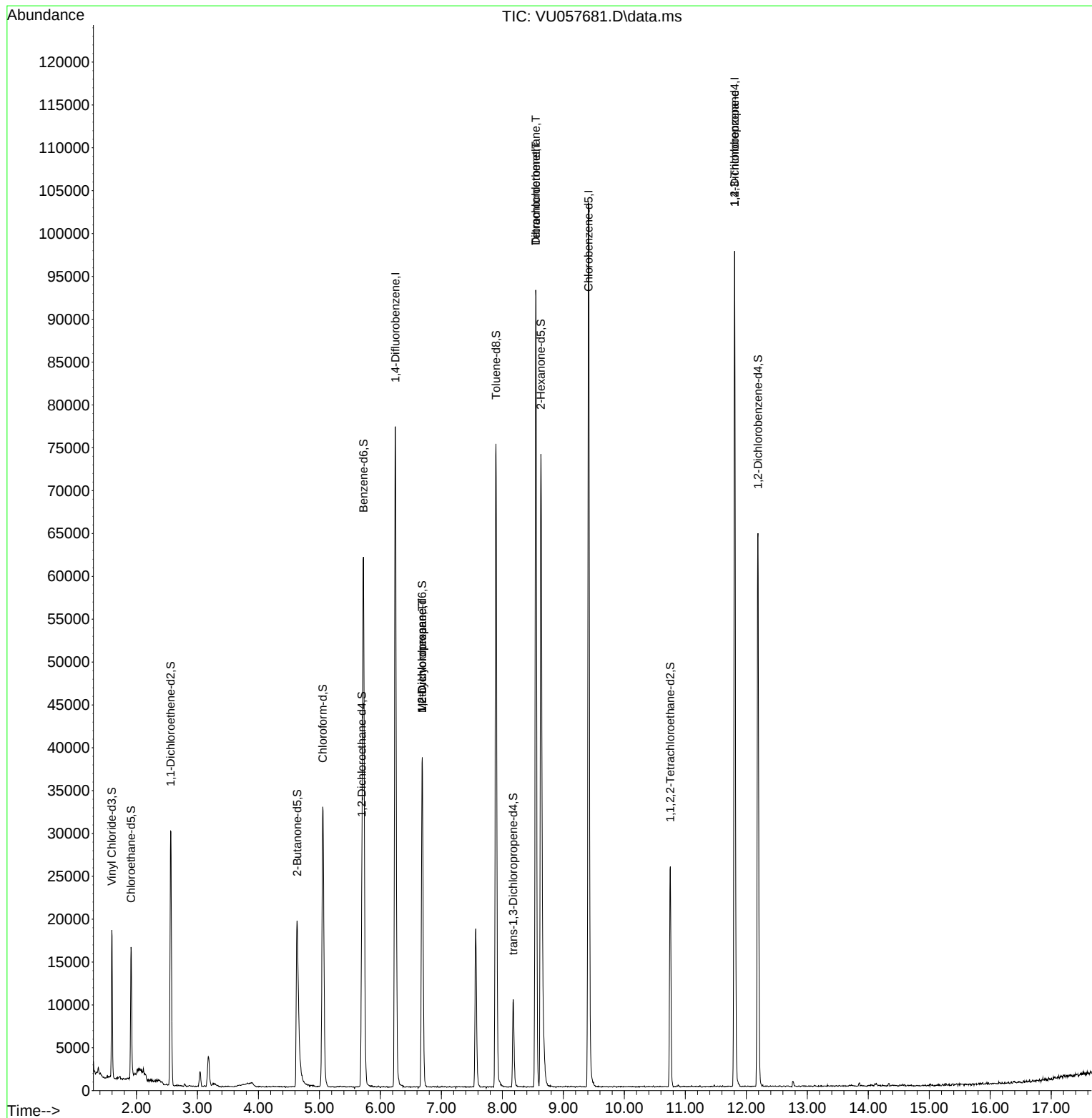
| Compound                      | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|--------|-------|----------|----------|--------|----------|
| -----                         |        |       |          |          |        |          |
| Internal Standards            |        |       |          |          |        |          |
| 1) 1,4-Difluorobenzene        | 6.245  | 114   | 63311    | 5.000    | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 9.412  | 117   | 56663    | 5.000    | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.807 | 152   | 25186    | 5.000    | ug/L   | 0.00     |
| System Monitoring Compounds   |        |       |          |          |        |          |
| 4) Vinyl Chloride-d3          | 1.596  | 65    | 12099    | 3.469    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 40 - 130 | Recovery | =      | 69.400%  |
| 7) Chloroethane-d5            | 1.911  | 69    | 11494    | 3.932    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 65 - 130 | Recovery | =      | 78.600%  |
| 11) 1,1-Dichloroethene-d2     | 2.560  | 65    | 5779     | 3.523    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 60 - 125 | Recovery | =      | 70.400%  |
| 20) 2-Butanone-d5             | 4.634  | 46    | 33239    | 50.511   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 40 - 130 | Recovery | =      | 101.020% |
| 24) Chloroform-d              | 5.055  | 84    | 30801    | 4.350    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =      | 87.000%  |
| 26) 1,2-Dichloroethane-d4     | 5.695  | 65    | 15265    | 4.744    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =      | 94.800%  |
| 32) Benzene-d6                | 5.721  | 84    | 58024    | 4.366    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =      | 87.400%  |
| 36) 1,2-Dichloropropane-d6    | 6.685  | 67    | 18201    | 4.540    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 60 - 140 | Recovery | =      | 90.800%  |
| 41) Toluene-d8                | 7.894  | 98    | 52121    | 4.131    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =      | 82.600%  |
| 43) trans-1,3-Dichloroprop... | 8.177  | 79    | 6709     | 4.199    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 55 - 130 | Recovery | =      | 84.000%  |
| 46) 2-Hexanone-d5             | 8.631  | 63    | 26972    | 52.909   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 45 - 130 | Recovery | =      | 105.820% |
| 56) 1,1,2,2-Tetrachloroeth... | 10.753 | 84    | 12930    | 4.812    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 65 - 120 | Recovery | =      | 96.200%  |
| 66) 1,2-Dichlorobenzene-d4    | 12.190 | 152   | 16932    | 4.790    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 80 - 120 | Recovery | =      | 95.800%  |
| Target Compounds              |        |       |          |          |        |          |
|                               |        |       |          |          | Qvalue |          |
| 35) Methylcyclohexane         | 6.685  | 83    | 3898     | 0.450    | ug/L # | 18       |
| 37) 1,2-Dichloropropane       | 6.685  | 63    | 2078     | 0.427    | ug/L # | 89       |
| 47) Tetrachloroethene         | 8.547  | 164   | 19823    | 5.035    | ug/L   | 97       |
| 49) Dibromochloromethane      | 8.547  | 129   | 19719    | 4.815    | ug/L # | 10       |
| 61) 1,2,3-Trichloropropane    | 11.807 | 75    | 3362     | 1.330    | ug/L # | 65       |
| -----                         |        |       |          |          |        |          |

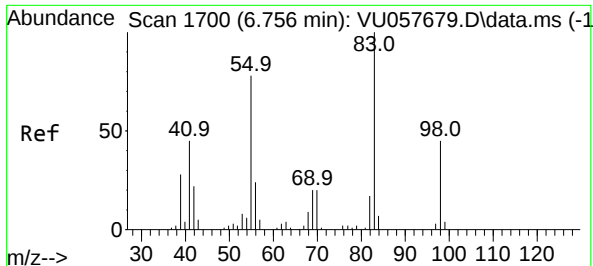
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Mon Jan 29 00:26:20 2024  
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#35

Methylcyclohexane

Concen: 0.450 ug/L

RT: 6.685 min Scan# 1

Delta R.T. -0.071 min

Lab File: VU057681.D

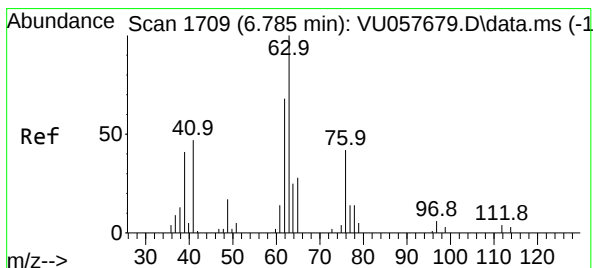
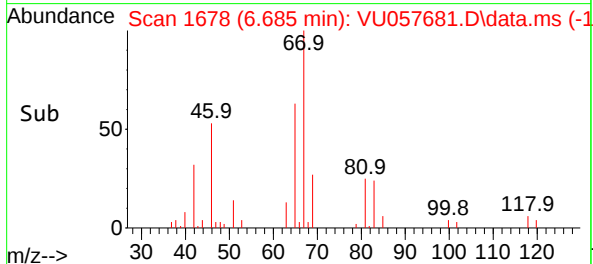
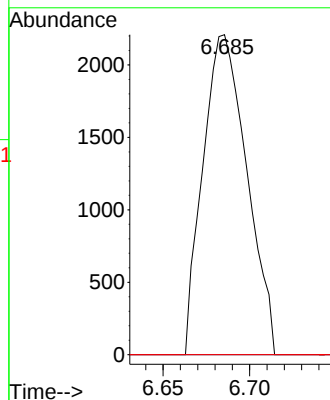
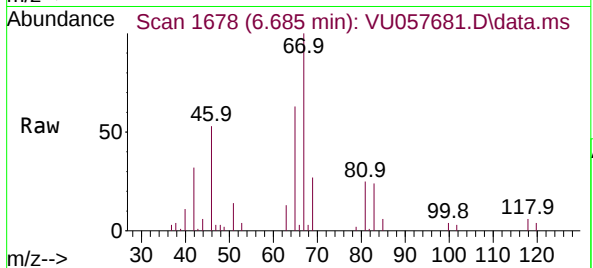
Acq: 26 Jan 2024 10:35

Instrument :

MSVOA\_U

ClientSampleId :

|             |                |
|-------------|----------------|
| Tgt Ion: 83 | Resp: 3898     |
| 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: 0.427 ug/L

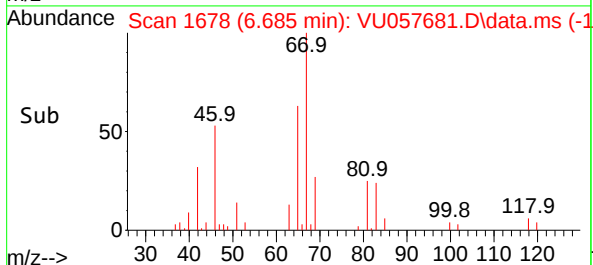
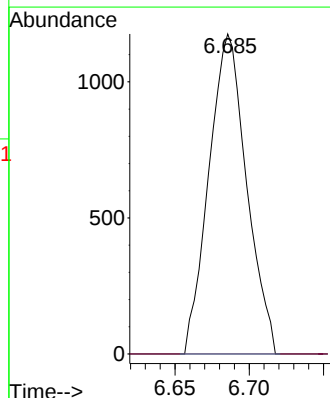
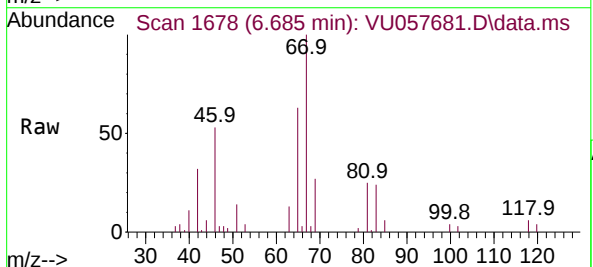
RT: 6.685 min Scan# 1678

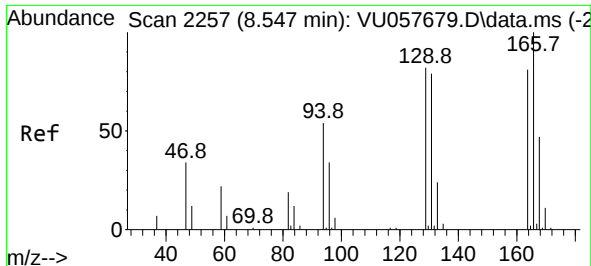
Delta R.T. -0.099 min

Lab File: VU057681.D

Acq: 26 Jan 2024 10:35

|             |              |
|-------------|--------------|
| Tgt Ion: 63 | Resp: 2078   |
| Ion Ratio   | Lower Upper  |
| 63          | 100          |
| 112         | 0.0 3.0 4.4# |





#47

Tetrachloroethene

Concen: 5.035 ug/L

RT: 8.547 min Scan# 2257

Delta R.T. 0.000 min

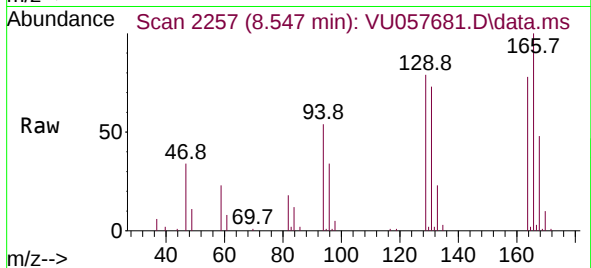
Lab File: VU057681.D

Acq: 26 Jan 2024 10:35

Instrument :

MSVOA\_U

ClientSampleId :



Tgt Ion:164 Resp: 19823

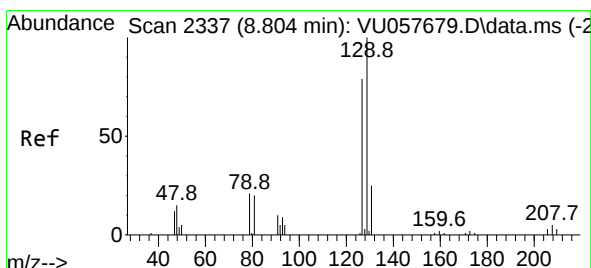
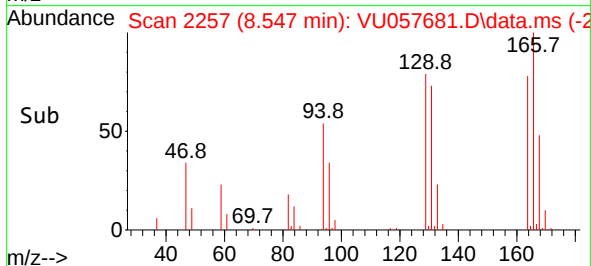
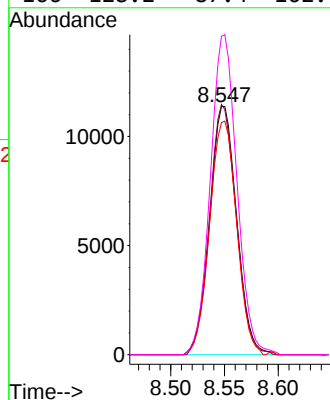
Ion Ratio Lower Upper

164 100

129 100.8 71.3 132.5

131 93.5 68.1 126.5

166 128.2 87.4 162.4



#49

Dibromochloromethane

Concen: 4.815 ug/L

RT: 8.547 min Scan# 2257

Delta R.T. -0.257 min

Lab File: VU057681.D

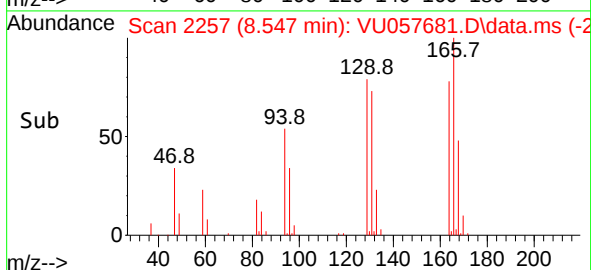
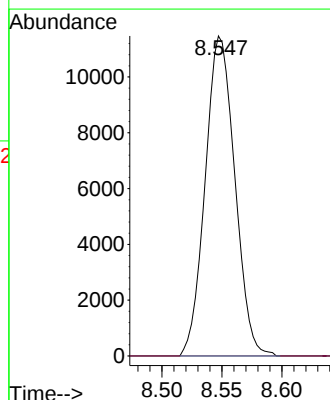
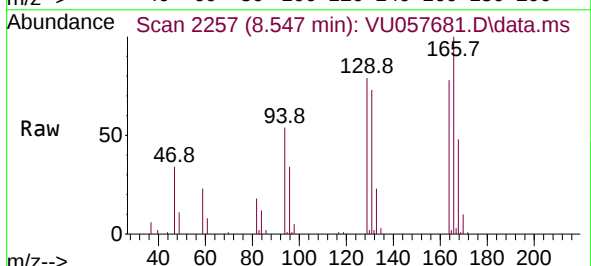
Acq: 26 Jan 2024 10:35

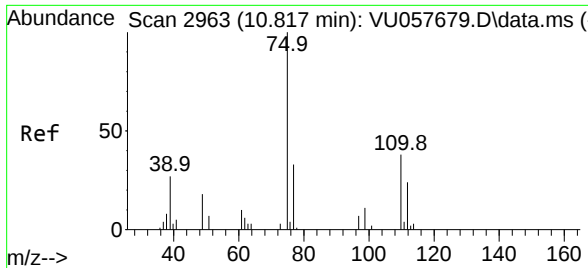
Tgt Ion:129 Resp: 19719

Ion Ratio Lower Upper

129 100

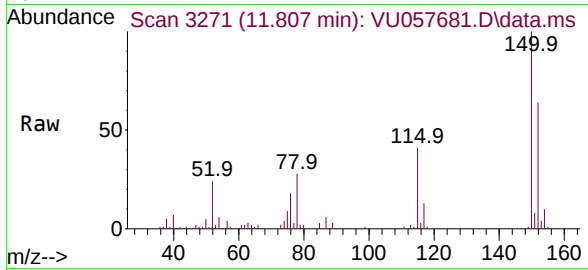
127 0.0 54.5 101.1#





#61  
1,2,3-Trichloropropane  
Concen: 1.330 ug/L  
RT: 11.807 min Scan# 31  
Delta R.T. 0.990 min  
Lab File: VU057681.D  
Acq: 26 Jan 2024 10:35

Instrument :  
MSVOA\_U  
ClientSampleId :



Tgt Ion: 75 Resp: 3362  
Ion Ratio Lower Upper  
75 100  
110 0.0 30.1 45.1#  
77 32.7 25.5 38.3

