

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU111623\  
 Data File : VU056414.D  
 Acq On : 16 Nov 2023 17:58  
 Operator : MD/SY  
 Sample : 05340-18DL 5X  
 Misc : 25mL/MSVOA\_U/WATER  
 ALS Vial : 22 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 GCDM3DL

Quant Time: Nov 17 01:39:56 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\SFAMUTR111323WMA.M  
 Quant Title : TRACE VOA SFAM1.0  
 QLast Update : Fri Nov 17 01:31:28 2023  
 Response via : Initial Calibration

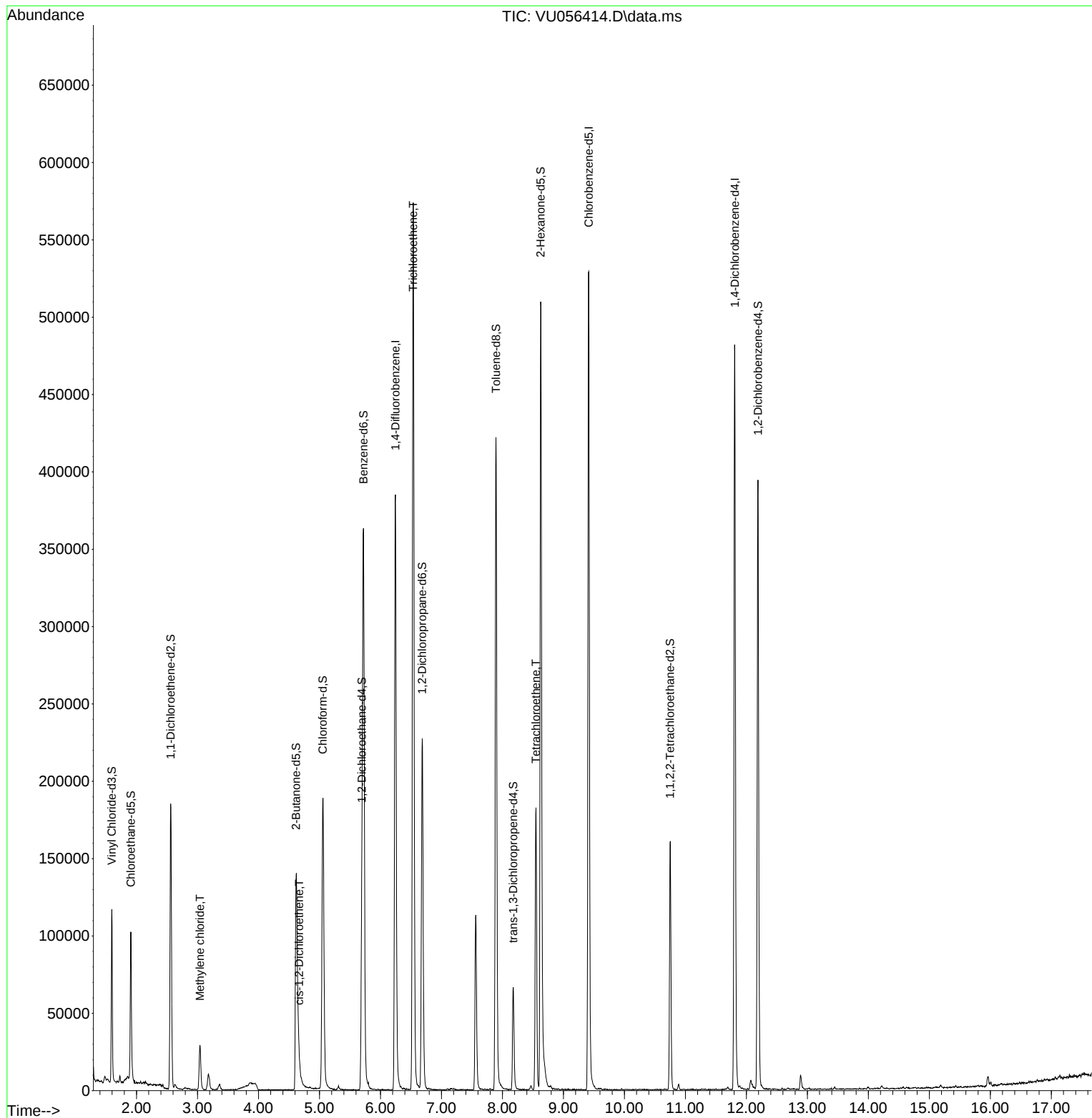
| Compound                      | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|--------|-------|----------|----------|--------|----------|
| -----                         |        |       |          |          |        |          |
| Internal Standards            |        |       |          |          |        |          |
| 1) 1,4-Difluorobenzene        | 6.245  | 114   | 307527   | 5.000    | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 9.415  | 117   | 305082   | 5.000    | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.811 | 152   | 129188   | 5.000    | ug/L   | 0.00     |
| System Monitoring Compounds   |        |       |          |          |        |          |
| 4) Vinyl Chloride-d3          | 1.596  | 65    | 79219    | 3.444    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 40 - 130 | Recovery | =      | 68.800%  |
| 7) Chloroethane-d5            | 1.907  | 69    | 71618    | 4.061    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 65 - 130 | Recovery | =      | 81.200%  |
| 11) 1,1-Dichloroethene-d2     | 2.560  | 65    | 34333    | 3.382    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 60 - 125 | Recovery | =      | 67.600%  |
| 20) 2-Butanone-d5             | 4.618  | 46    | 215181   | 46.915   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 40 - 130 | Recovery | =      | 93.820%  |
| 24) Chloroform-d              | 5.055  | 84    | 182164   | 4.094    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =      | 81.800%  |
| 26) 1,2-Dichloroethane-d4     | 5.695  | 65    | 92348    | 4.492    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =      | 89.800%  |
| 32) Benzene-d6                | 5.721  | 84    | 346657   | 3.814    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =      | 76.200%  |
| 36) 1,2-Dichloropropane-d6    | 6.685  | 67    | 110850   | 4.046    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 60 - 140 | Recovery | =      | 81.000%  |
| 41) Toluene-d8                | 7.894  | 98    | 287862   | 3.586    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =      | 71.800%  |
| 43) trans-1,3-Dichloroprop... | 8.177  | 79    | 40700    | 3.874    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 55 - 130 | Recovery | =      | 77.400%  |
| 46) 2-Hexanone-d5             | 8.627  | 63    | 175808   | 42.580   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 45 - 130 | Recovery | =      | 85.160%  |
| 56) 1,1,2,2-Tetrachloroeth... | 10.749 | 84    | 82086    | 4.193    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 65 - 120 | Recovery | =      | 83.800%  |
| 66) 1,2-Dichlorobenzene-d4    | 12.190 | 152   | 104555   | 4.381    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 80 - 120 | Recovery | =      | 87.600%  |
| Target Compounds              |        |       |          |          |        |          |
|                               |        |       |          |          | Qvalue |          |
| 16) Methylene chloride        | 3.039  | 84    | 14239    | 0.572    | ug/L   | 99       |
| 22) cis-1,2-Dichloroethene    | 4.666  | 96    | 2623     | 0.119    | ug/L   | 87       |
| 34) Trichloroethene           | 6.537  | 95    | 204824   | 8.636    | ug/L   | 98       |
| 47) Tetrachloroethene         | 8.550  | 164   | 40044    | 2.504    | ug/L   | 97       |
| -----                         |        |       |          |          |        |          |

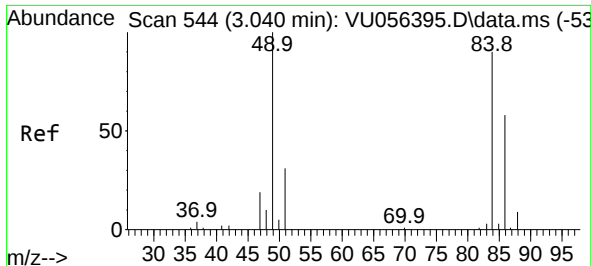
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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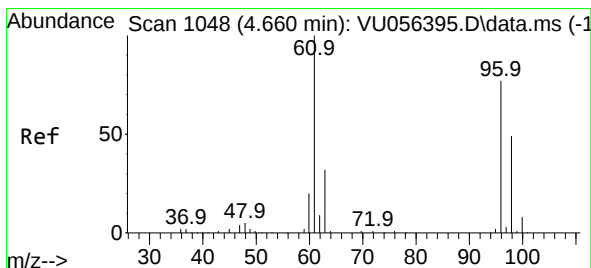
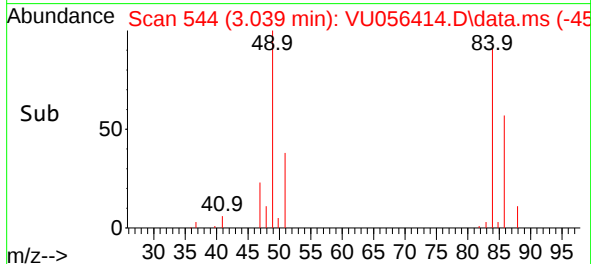
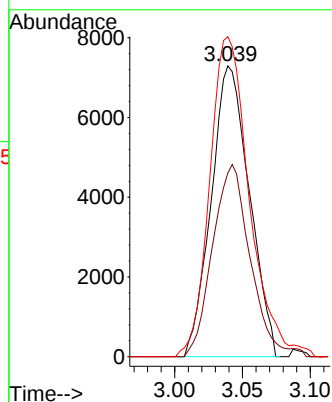
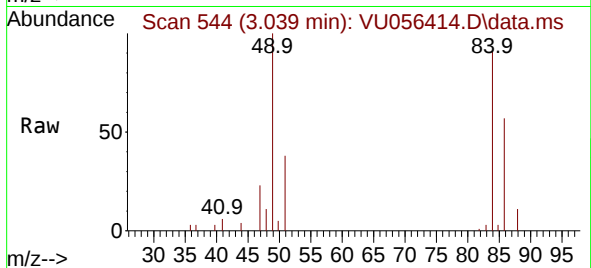




#16  
Methylene chloride  
Concen: 0.572 ug/L  
RT: 3.039 min Scan# 54  
Delta R.T. -0.000 min  
Lab File: VU056414.D  
Acq: 16 Nov 2023 17:58

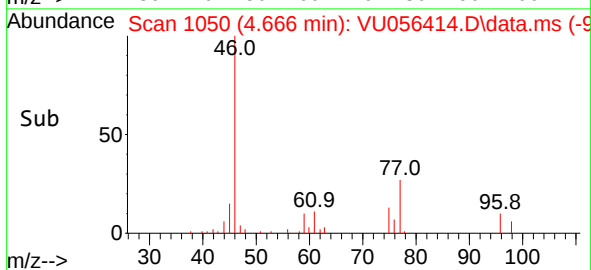
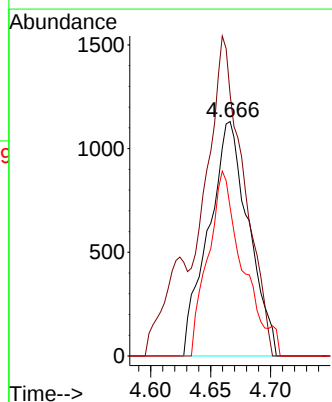
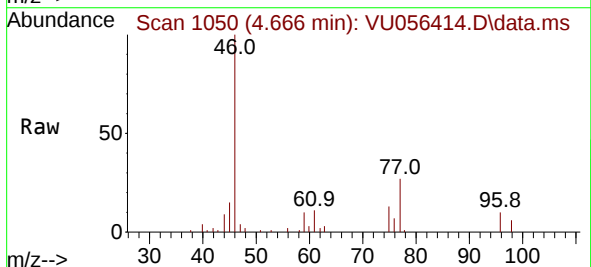
Instrument :  
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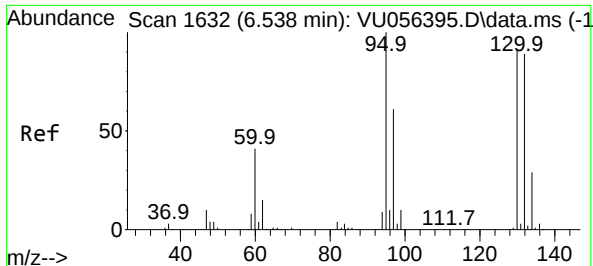
Tgt Ion: 84 Resp: 14239  
Ion Ratio Lower Upper  
84 100  
86 63.2 44.7 83.1  
49 116.0 81.8 152.0



#22  
cis-1,2-Dichloroethene  
Concen: 0.119 ug/L  
RT: 4.666 min Scan# 1050  
Delta R.T. 0.006 min  
Lab File: VU056414.D  
Acq: 16 Nov 2023 17:58

Tgt Ion: 96 Resp: 2623  
Ion Ratio Lower Upper  
96 100  
61 111.6 93.2 173.2  
98 63.4 44.8 83.2





#34

Trichloroethene

Concen: 8.636 ug/L

RT: 6.537 min Scan# 1

Delta R.T. -0.000 min

Lab File: VU056414.D

Acq: 16 Nov 2023 17:58

Instrument :

MSVOA\_U

ClientSampleId :

GCDM3DL

Tgt Ion: 95 Resp: 204824

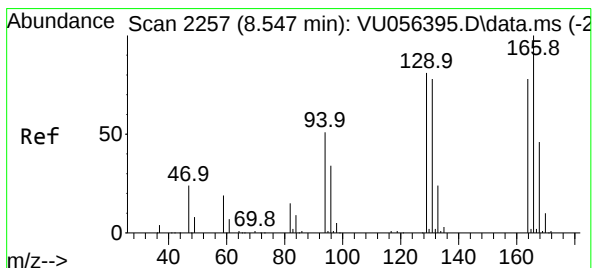
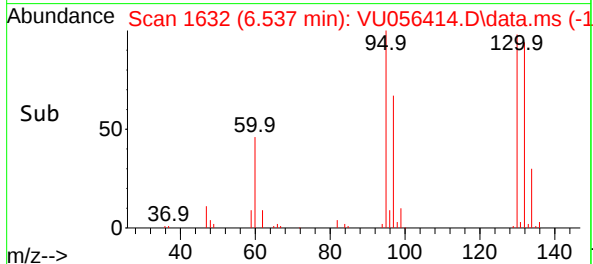
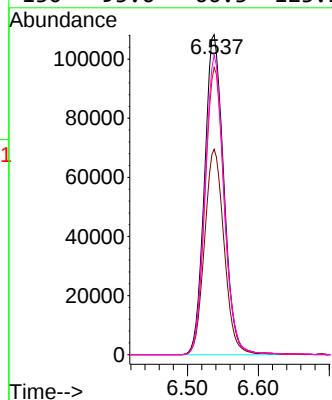
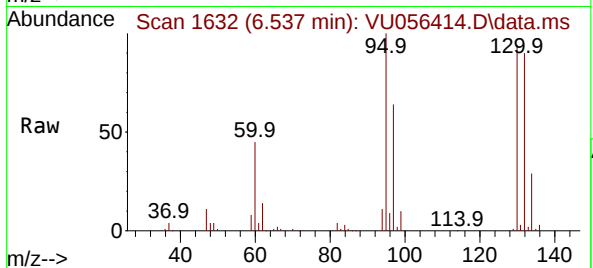
Ion Ratio Lower Upper

95 100

97 64.2 46.5 86.3

132 89.8 62.0 115.2

130 93.6 66.3 123.1



#47

Tetrachloroethene

Concen: 2.504 ug/L

RT: 8.550 min Scan# 2258

Delta R.T. 0.003 min

Lab File: VU056414.D

Acq: 16 Nov 2023 17:58

Tgt Ion:164 Resp: 40044

Ion Ratio Lower Upper

164 100

129 104.4 71.0 131.9

131 99.7 70.3 130.7

166 123.2 89.8 166.8

