

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU091223\  
 Data File : VU055257.D  
 Acq On : 12 Sep 2023 18:55  
 Operator : MD/SY  
 Sample : 04306-12 20X  
 Misc : 25.0mL/MSVOA\_U/WATER  
 ALS Vial : 19 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 BH4K7

Quant Time: Sep 13 01:49:36 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\SFAMUTR090123WMA.M  
 Quant Title : TRACE VOA SFAM1.0  
 QLast Update : Wed Sep 13 01:44:08 2023  
 Response via : Initial Calibration

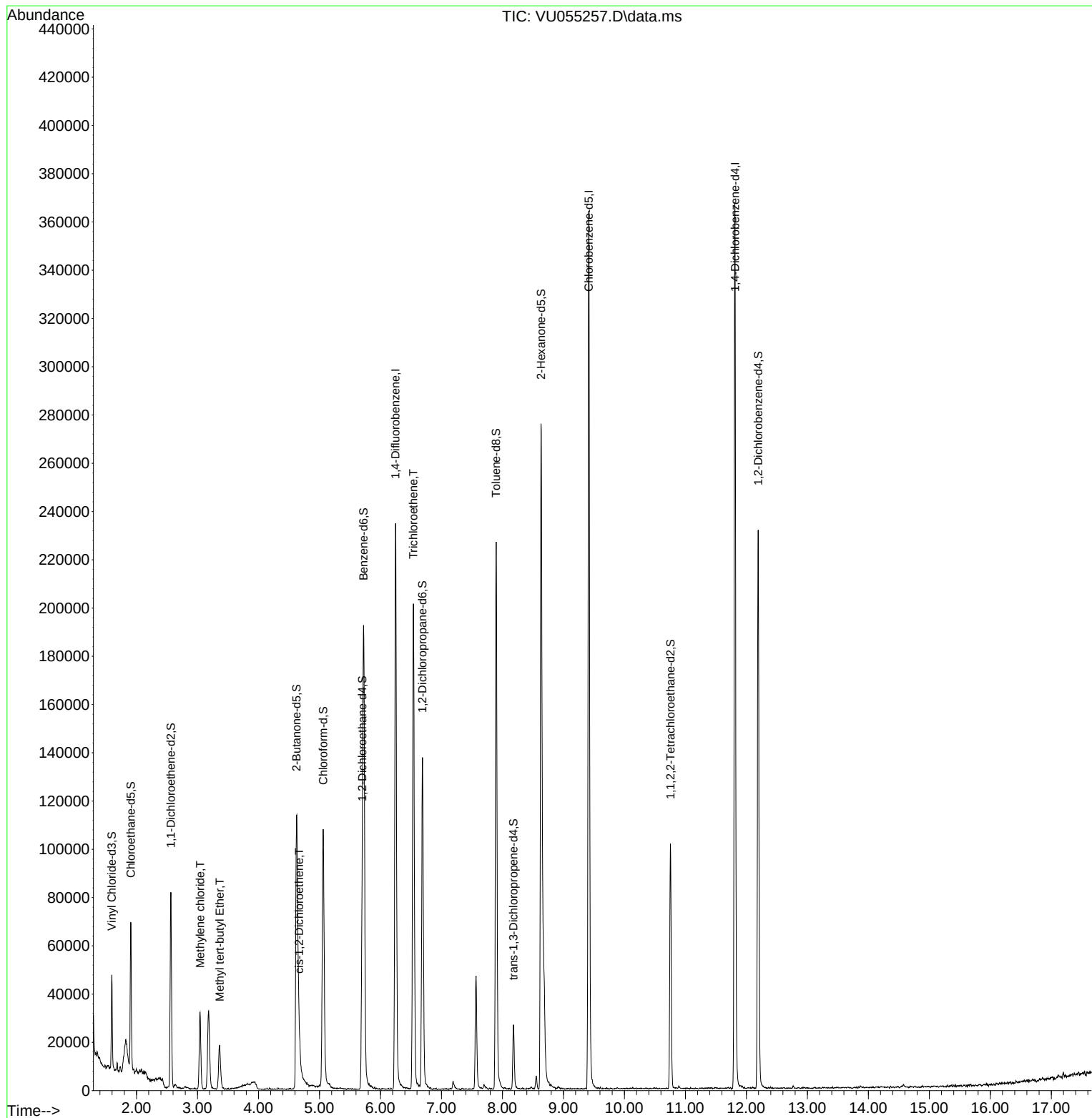
| Compound                      | R.T.   | QIon  | Response | Conc     | Units | Dev(Min) |
|-------------------------------|--------|-------|----------|----------|-------|----------|
| -----                         |        |       |          |          |       |          |
| Internal Standards            |        |       |          |          |       |          |
| 1) 1,4-Difluorobenzene        | 6.248  | 114   | 186487   | 5.000    | ug/L  | 0.00     |
| 28) Chlorobenzene-d5          | 9.415  | 117   | 202853   | 5.000    | ug/L  | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.814 | 152   | 96348    | 5.000    | ug/L  | 0.00     |
|                               |        |       |          |          |       |          |
| System Monitoring Compounds   |        |       |          |          |       |          |
| 4) Vinyl Chloride-d3          | 1.595  | 65    | 27280    | 3.121    | ug/L  | 0.00     |
| Spiked Amount                 | 5.000  | Range | 40 - 130 | Recovery | =     | 62.400%  |
| 7) Chloroethane-d5            | 1.907  | 69    | 42882    | 4.239    | ug/L  | 0.00     |
| Spiked Amount                 | 5.000  | Range | 65 - 130 | Recovery | =     | 84.800%  |
| 11) 1,1-Dichloroethene-d2     | 2.563  | 65    | 14709    | 2.954    | ug/L  | 0.00     |
| Spiked Amount                 | 5.000  | Range | 60 - 125 | Recovery | =     | 59.000%# |
| 20) 2-Butanone-d5             | 4.624  | 46    | 138252   | 54.508   | ug/L  | 0.00     |
| Spiked Amount                 | 50.000 | Range | 40 - 130 | Recovery | =     | 109.020% |
| 24) Chloroform-d              | 5.061  | 84    | 98600    | 4.251    | ug/L  | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =     | 85.000%  |
| 26) 1,2-Dichloroethane-d4     | 5.701  | 65    | 51969    | 4.479    | ug/L  | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =     | 89.600%  |
| 32) Benzene-d6                | 5.724  | 84    | 182164   | 3.638    | ug/L  | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =     | 72.800%  |
| 36) 1,2-Dichloropropane-d6    | 6.688  | 67    | 65018    | 4.083    | ug/L  | 0.00     |
| Spiked Amount                 | 5.000  | Range | 60 - 140 | Recovery | =     | 81.600%  |
| 41) Toluene-d8                | 7.897  | 98    | 156279   | 3.388    | ug/L  | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =     | 67.800%# |
| 43) trans-1,3-Dichloroprop... | 8.180  | 79    | 15718    | 3.584    | ug/L  | 0.00     |
| Spiked Amount                 | 5.000  | Range | 55 - 130 | Recovery | =     | 71.600%  |
| 46) 2-Hexanone-d5             | 8.634  | 63    | 85269    | 47.889   | ug/L  | 0.00     |
| Spiked Amount                 | 50.000 | Range | 45 - 130 | Recovery | =     | 95.780%  |
| 56) 1,1,2,2-Tetrachloroeth... | 10.756 | 84    | 50456    | 4.505    | ug/L  | 0.00     |
| Spiked Amount                 | 5.000  | Range | 65 - 120 | Recovery | =     | 90.000%  |
| 66) 1,2-Dichlorobenzene-d4    | 12.193 | 152   | 59304    | 4.217    | ug/L  | 0.00     |
| Spiked Amount                 | 5.000  | Range | 80 - 120 | Recovery | =     | 84.400%  |
|                               |        |       |          |          |       |          |
| Target Compounds              |        |       |          |          |       | Qvalue   |
| 16) Methylene chloride        | 3.042  | 84    | 14548    | 1.104    | ug/L  | 96       |
| 17) Methyl tert-butyl Ether   | 3.364  | 73    | 20299    | 0.898    | ug/L  | 98       |
| 22) cis-1,2-Dichloroethene    | 4.666  | 96    | 3094     | 0.289    | ug/L  | 84       |
| 34) Trichloroethene           | 6.540  | 95    | 70038    | 5.837    | ug/L  | 97       |
| -----                         |        |       |          |          |       |          |

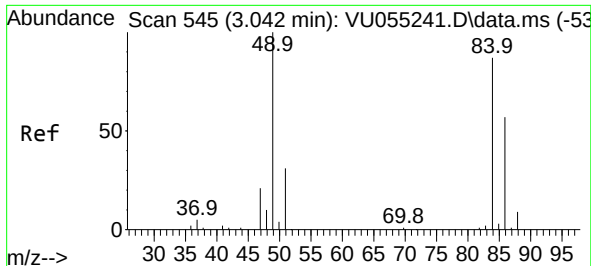
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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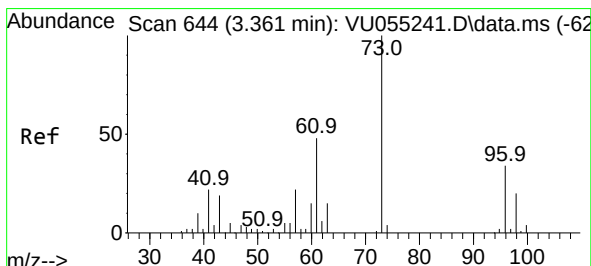
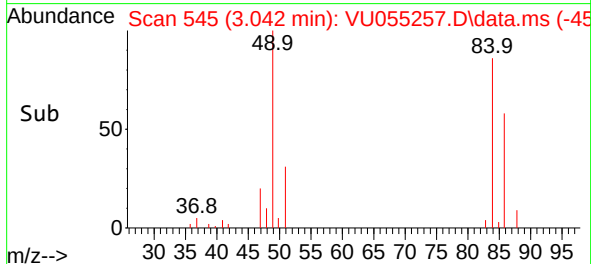
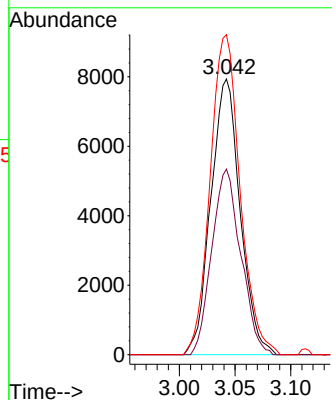
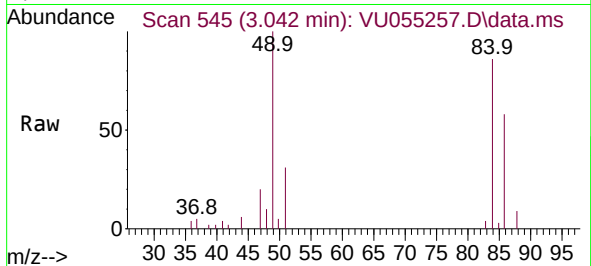




#16  
Methylene chloride  
Concen: 1.104 ug/L  
RT: 3.042 min Scan# 54  
Delta R.T. -0.000 min  
Lab File: VU055257.D  
Acq: 12 Sep 2023 18:55

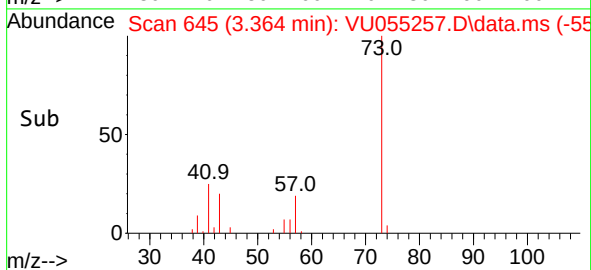
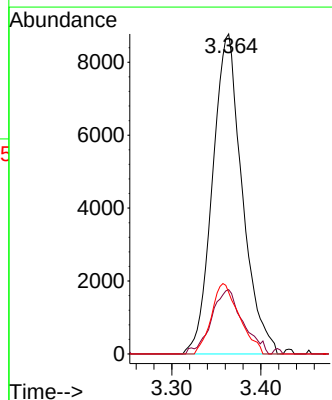
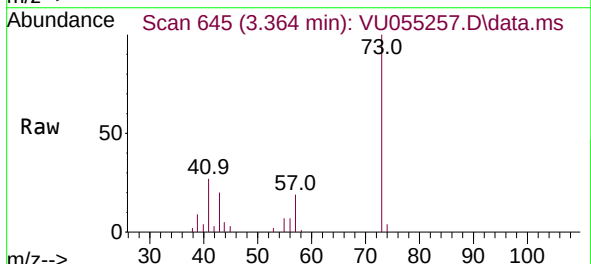
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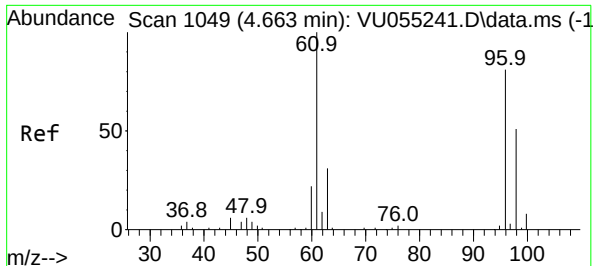
Tgt Ion: 84 Resp: 14548  
Ion Ratio Lower Upper  
84 100  
86 67.3 43.4 80.6  
49 122.4 87.7 162.9



#17  
Methyl tert-butyl Ether  
Concen: 0.898 ug/L  
RT: 3.364 min Scan# 645  
Delta R.T. 0.003 min  
Lab File: VU055257.D  
Acq: 12 Sep 2023 18:55

Tgt Ion: 73 Resp: 20299  
Ion Ratio Lower Upper  
73 100  
43 21.3 16.2 24.2  
57 20.7 17.4 26.2





#22

cis-1,2-Dichloroethene

Concen: 0.289 ug/L

RT: 4.666 min Scan# 1050

Delta R.T. 0.003 min

Lab File: VU055257.D

Acq: 12 Sep 2023 18:55

Instrument :

MSVOA\_U

ClientSampleId :

BH4K7

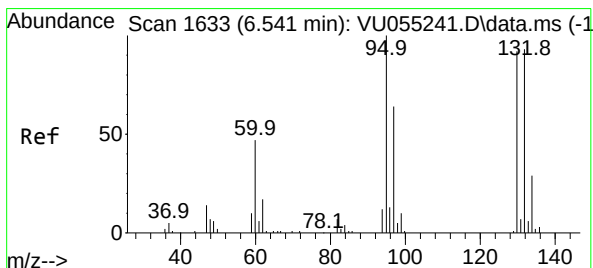
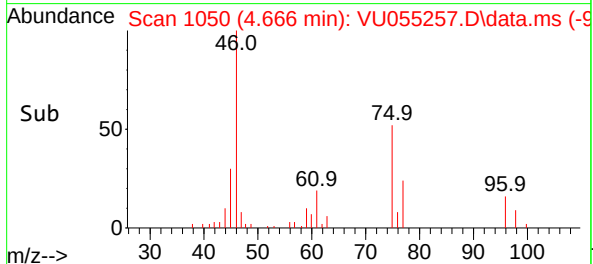
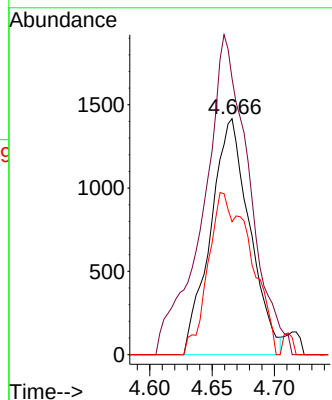
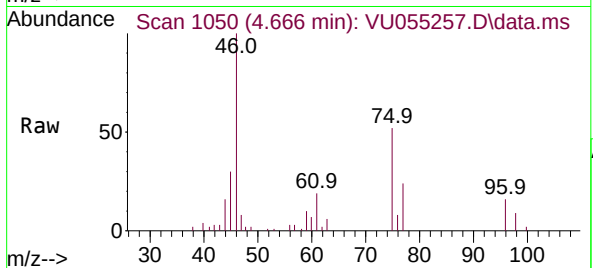
Tgt Ion: 96 Resp: 3094

Ion Ratio Lower Upper

96 100

61 117.0 97.2 180.4

98 56.3 46.1 85.7



#34

Trichloroethene

Concen: 5.837 ug/L

RT: 6.540 min Scan# 1633

Delta R.T. -0.000 min

Lab File: VU055257.D

Acq: 12 Sep 2023 18:55

Tgt Ion: 95 Resp: 70038

Ion Ratio Lower Upper

95 100

97 66.8 44.7 83.1

132 89.9 66.6 123.6

130 95.8 66.5 123.5

