

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU120224\  
 Data File : VU062070.D  
 Acq On : 02 Dec 2024 13:02  
 Operator : MD/SY  
 Sample : P5017-04  
 Misc : 25mL/MSVOA\_U/WATER  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 E1PJ5

Quant Time: Dec 03 00:25:16 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\SFAMUTR112024WMA.M  
 Quant Title : TRACE VOA SFAM1.0  
 QLast Update : Tue Dec 03 00:21:51 2024  
 Response via : Initial Calibration

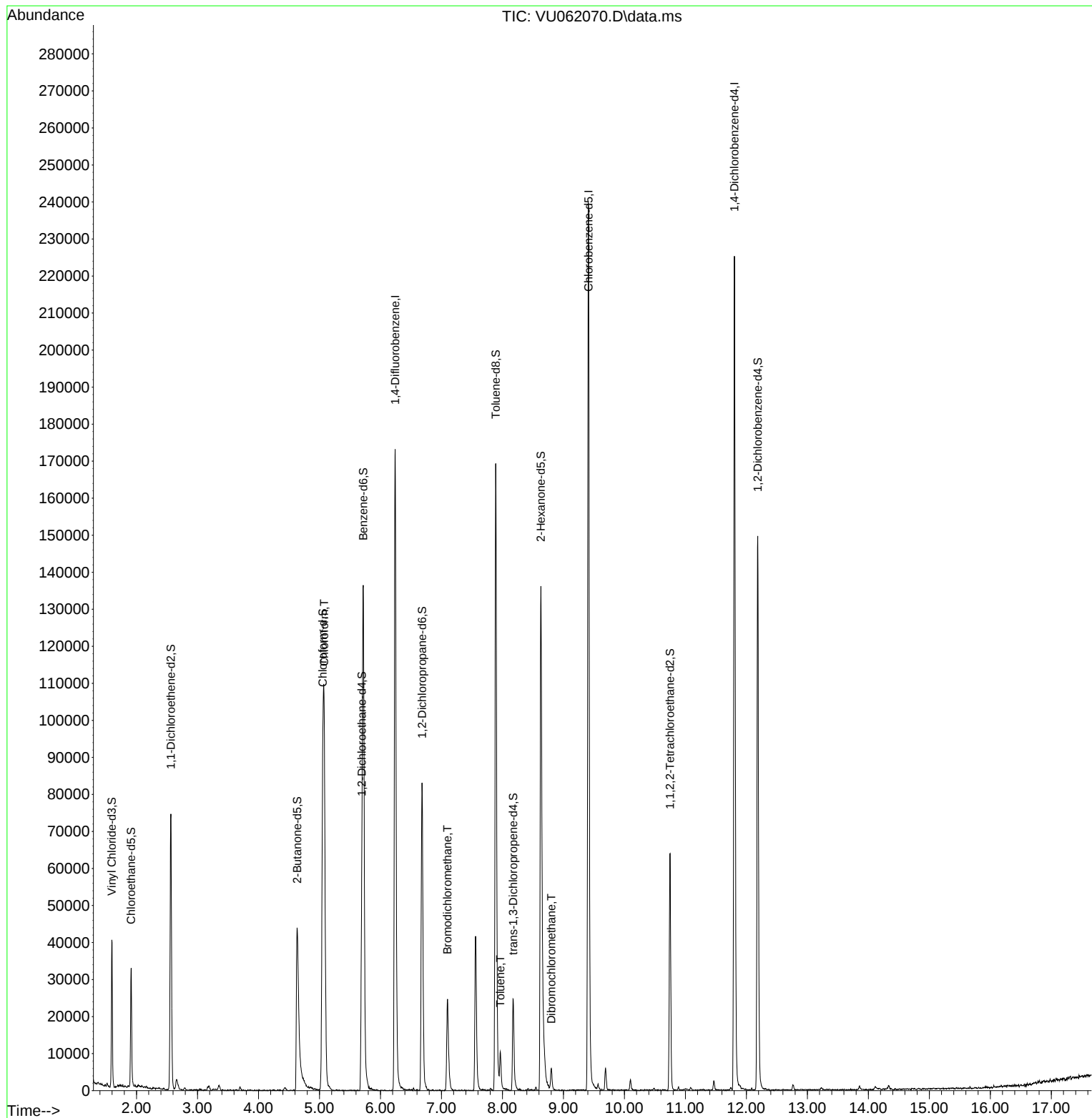
| Compound                      | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|--------|-------|----------|----------|--------|----------|
| -----                         |        |       |          |          |        |          |
| Internal Standards            |        |       |          |          |        |          |
| 1) 1,4-Difluorobenzene        | 6.242  | 114   | 146634   | 5.000    | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 9.412  | 117   | 138834   | 5.000    | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.804 | 152   | 63630    | 5.000    | ug/L   | 0.00     |
| System Monitoring Compounds   |        |       |          |          |        |          |
| 4) Vinyl Chloride-d3          | 1.595  | 65    | 27851    | 3.872    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 40 - 130 | Recovery | =      | 77.400%  |
| 7) Chloroethane-d5            | 1.911  | 69    | 23550    | 3.701    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 65 - 130 | Recovery | =      | 74.000%  |
| 11) 1,1-Dichloroethene-d2     | 2.563  | 65    | 14206    | 4.944    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 60 - 125 | Recovery | =      | 98.800%  |
| 20) 2-Butanone-d5             | 4.634  | 46    | 76417    | 33.833   | ug/L   | 0.01     |
| Spiked Amount                 | 50.000 | Range | 40 - 130 | Recovery | =      | 67.660%  |
| 24) Chloroform-d              | 5.055  | 84    | 75379    | 4.296    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =      | 86.000%  |
| 26) 1,2-Dichloroethane-d4     | 5.695  | 65    | 36138    | 4.002    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =      | 80.000%  |
| 32) Benzene-d6                | 5.717  | 84    | 131975   | 4.879    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =      | 97.600%  |
| 36) 1,2-Dichloropropane-d6    | 6.682  | 67    | 42406    | 4.614    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 60 - 140 | Recovery | =      | 92.200%  |
| 41) Toluene-d8                | 7.891  | 98    | 119662   | 5.304    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =      | 106.000% |
| 43) trans-1,3-Dichloroprop... | 8.177  | 79    | 16611    | 4.882    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 55 - 130 | Recovery | =      | 97.600%  |
| 46) 2-Hexanone-d5             | 8.630  | 63    | 51384    | 33.085   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 45 - 130 | Recovery | =      | 66.160%  |
| 56) 1,1,2,2-Tetrachloroeth... | 10.749 | 84    | 33045    | 3.598    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 65 - 120 | Recovery | =      | 72.000%  |
| 66) 1,2-Dichlorobenzene-d4    | 12.187 | 152   | 41486    | 4.409    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 80 - 120 | Recovery | =      | 88.200%  |
| Target Compounds              |        |       |          |          |        |          |
|                               |        |       |          |          | Qvalue |          |
| 25) Chloroform                | 5.078  | 83    | 79784    | 3.769    | ug/L   | 96       |
| 38) Bromodichloromethane      | 7.100  | 83    | 16637    | 1.259    | ug/L   | 98       |
| 42) Toluene                   | 7.965  | 91    | 8061     | 0.183    | ug/L   | 99       |
| 49) Dibromochloromethane      | 8.801  | 129   | 3296     | 0.389    | ug/L   | 96       |
| -----                         |        |       |          |          |        |          |

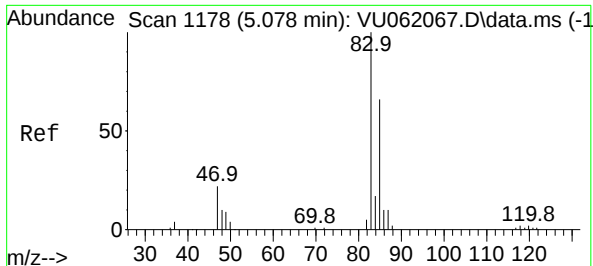
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#25

Chloroform

Concen: 3.769 ug/L

RT: 5.078 min Scan# 1178

Delta R.T. -0.000 min

Lab File: VU062070.D

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MSVOA\_U

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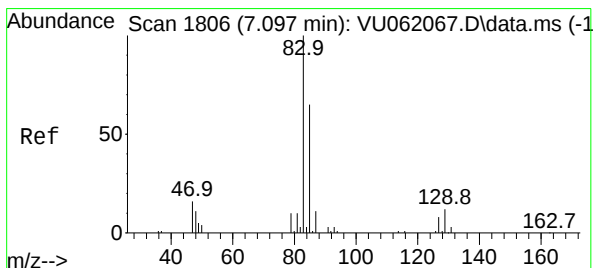
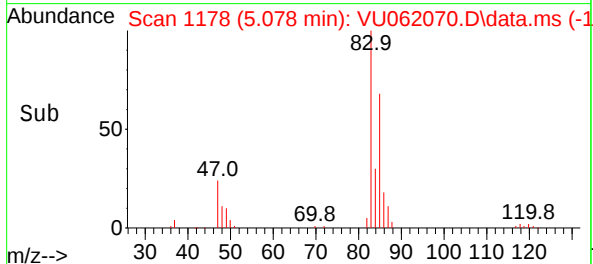
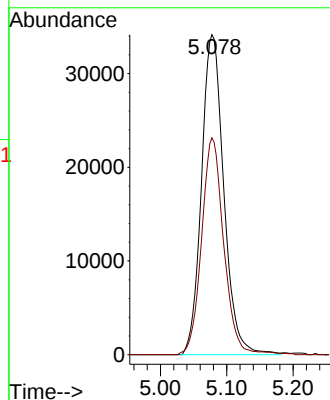
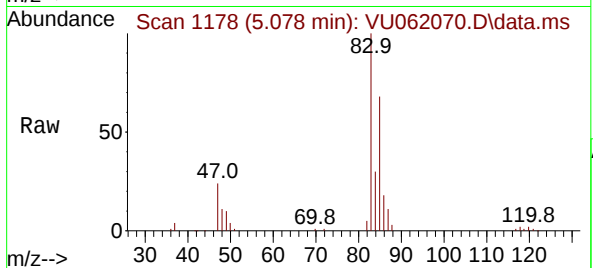
E1PJ5

Tgt Ion: 83 Resp: 79784

Ion Ratio Lower Upper

83 100

85 67.7 45.4 84.2



#38

Bromodichloromethane

Concen: 1.259 ug/L

RT: 7.100 min Scan# 1807

Delta R.T. 0.003 min

Lab File: VU062070.D

Acq: 02 Dec 2024 13:02

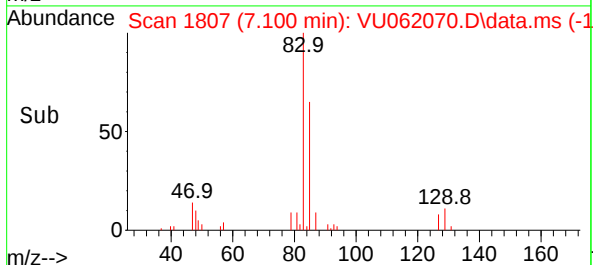
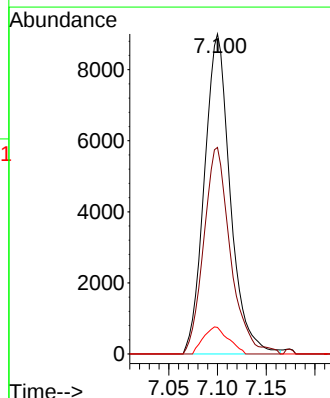
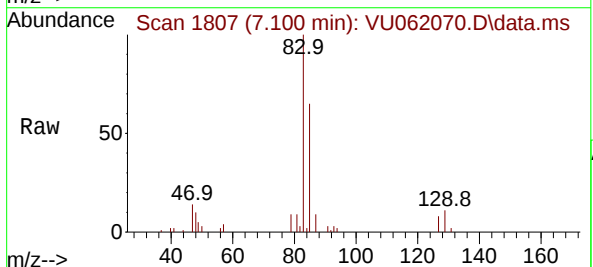
Tgt Ion: 83 Resp: 16637

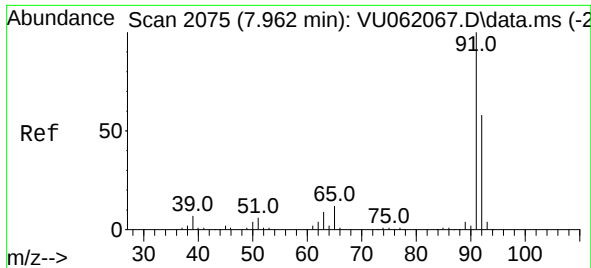
Ion Ratio Lower Upper

83 100

85 64.6 44.1 81.9

127 8.3 6.9 10.3





#42

Toluene

Concen: 0.183 ug/L

RT: 7.965 min Scan# 2075

Delta R.T. 0.003 min

Lab File: VU062070.D

Acq: 02 Dec 2024 13:02

Instrument :

MSVOA\_U

ClientSampleId :

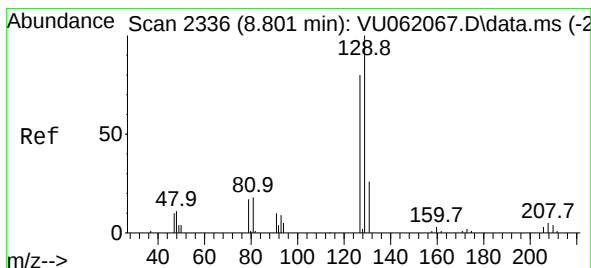
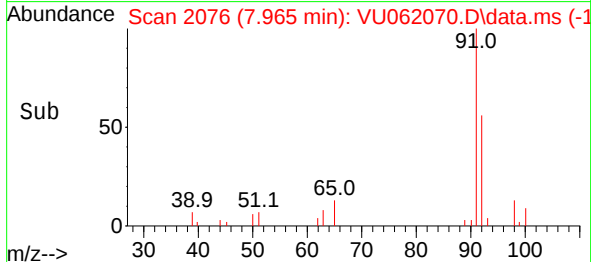
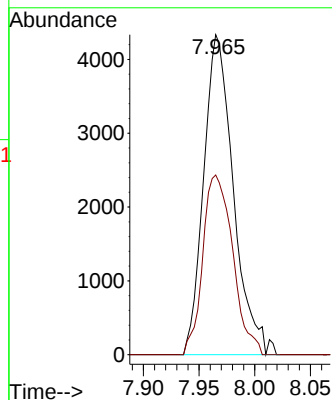
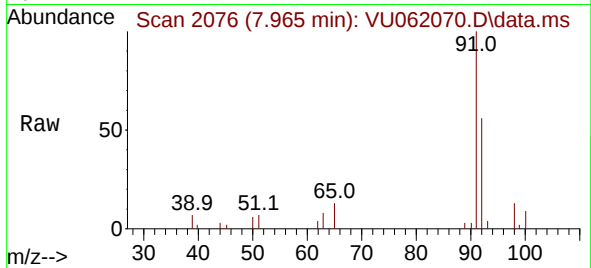
E1PJ5

Tgt Ion: 91 Resp: 8061

Ion Ratio Lower Upper

91 100

92 56.1 39.0 72.4



#49

Dibromochloromethane

Concen: 0.389 ug/L

RT: 8.801 min Scan# 2336

Delta R.T. 0.003 min

Lab File: VU062070.D

Acq: 02 Dec 2024 13:02

Tgt Ion: 129 Resp: 3296

Ion Ratio Lower Upper

129 100

127 76.4 51.1 94.9

