

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU122324\  
 Data File : VU062563.D  
 Acq On : 23 Dec 2024 13:47  
 Operator : MD/SY  
 Sample : P5349-08  
 Misc : 25mL/MSVOA\_U/WATER  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 E1PLO

Quant Time: Dec 23 14:56:58 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\SFAMUTR120924WMA.M  
 Quant Title : TRACE VOA SFAM1.0  
 QLast Update : Fri Dec 20 23:41:56 2024  
 Response via : Initial Calibration

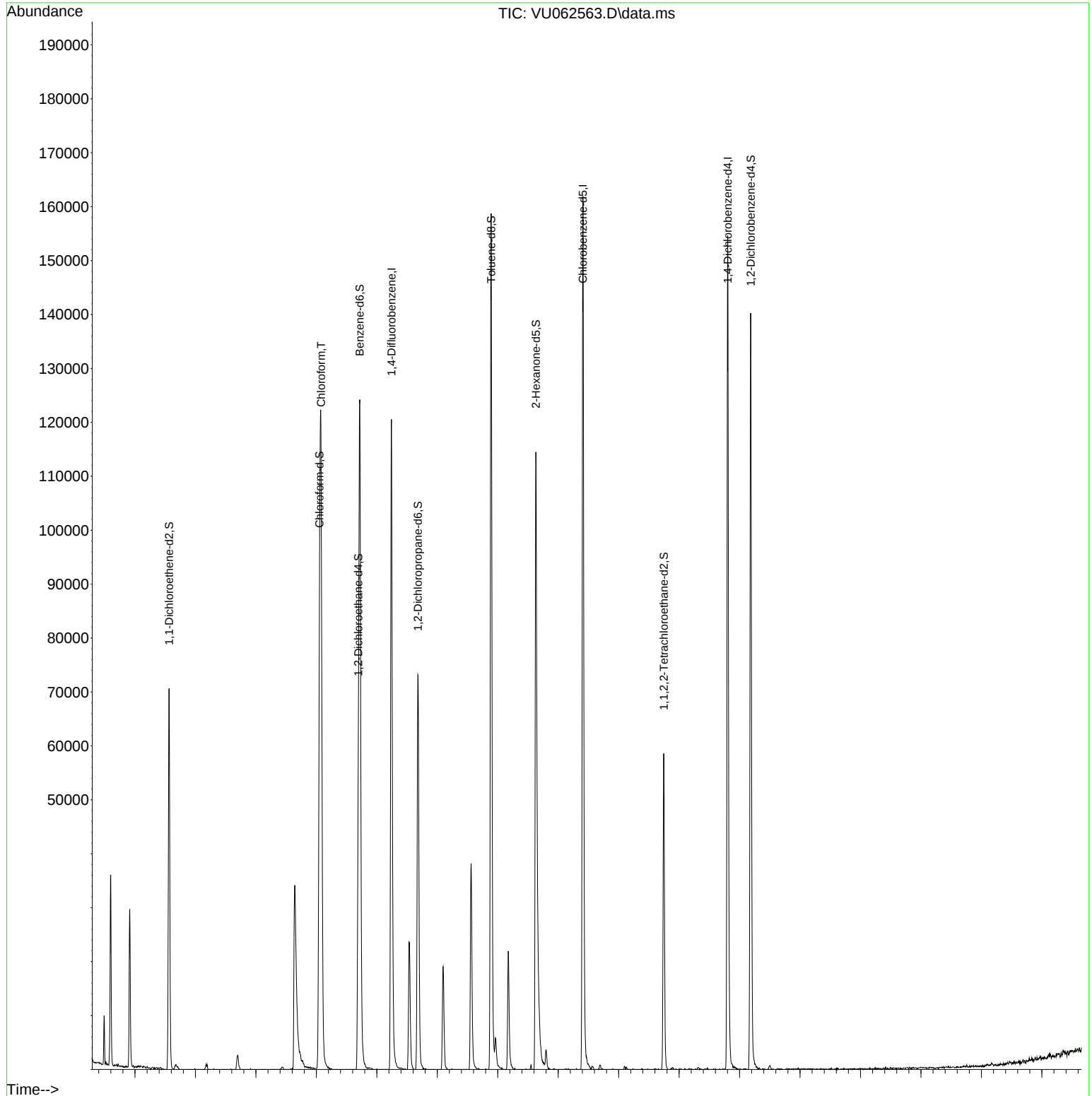
| Compound                      | R.T.   | QIon  | Response | Conc     | Units | Dev(Min) |
|-------------------------------|--------|-------|----------|----------|-------|----------|
| -----                         |        |       |          |          |       |          |
| Internal Standards            |        |       |          |          |       |          |
| 1) 1,4-Difluorobenzene        | 6.242  | 114   | 104516   | 5.000    | ug/L  | 0.00     |
| 28) Chlorobenzene-d5          | 9.409  | 117   | 94206    | 5.000    | ug/L  | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.804 | 152   | 44742    | 5.000    | ug/L  | 0.00     |
|                               |        |       |          |          |       |          |
| System Monitoring Compounds   |        |       |          |          |       |          |
| 4) Vinyl Chloride-d3          | 1.599  | 65    | 24843    | 3.524    | ug/L  | 0.00     |
| Spiked Amount                 | 5.000  | Range | 40 - 130 | Recovery | =     | 70.400%  |
| 7) Chloroethane-d5            | 1.914  | 69    | 22385    | 4.464    | ug/L  | 0.00     |
| Spiked Amount                 | 5.000  | Range | 65 - 130 | Recovery | =     | 89.200%  |
| 11) 1,1-Dichloroethene-d2     | 2.563  | 65    | 13641    | 4.067    | ug/L  | 0.00     |
| Spiked Amount                 | 5.000  | Range | 60 - 125 | Recovery | =     | 81.400%  |
| 20) 2-Butanone-d5             | 4.640  | 46    | 59806    | 44.266   | ug/L  | 0.02     |
| Spiked Amount                 | 50.000 | Range | 40 - 130 | Recovery | =     | 88.540%  |
| 24) Chloroform-d              | 5.052  | 84    | 70582    | 4.626    | ug/L  | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =     | 92.600%  |
| 26) 1,2-Dichloroethane-d4     | 5.695  | 65    | 38549    | 5.138    | ug/L  | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =     | 102.800% |
| 32) Benzene-d6                | 5.718  | 84    | 117639   | 4.336    | ug/L  | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =     | 86.800%  |
| 36) 1,2-Dichloropropane-d6    | 6.679  | 67    | 33224    | 4.280    | ug/L  | 0.00     |
| Spiked Amount                 | 5.000  | Range | 60 - 140 | Recovery | =     | 85.600%  |
| 41) Toluene-d8                | 7.891  | 98    | 114209   | 4.456    | ug/L  | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =     | 89.200%  |
| 43) trans-1,3-Dichloroprop... | 8.174  | 79    | 14444    | 4.227    | ug/L  | 0.00     |
| Spiked Amount                 | 5.000  | Range | 55 - 130 | Recovery | =     | 84.600%  |
| 46) 2-Hexanone-d5             | 8.631  | 63    | 43866    | 42.550   | ug/L  | 0.00     |
| Spiked Amount                 | 50.000 | Range | 45 - 130 | Recovery | =     | 85.100%  |
| 56) 1,1,2,2-Tetrachloroeth... | 10.746 | 84    | 27304    | 4.520    | ug/L  | 0.00     |
| Spiked Amount                 | 5.000  | Range | 65 - 120 | Recovery | =     | 90.400%  |
| 66) 1,2-Dichlorobenzene-d4    | 12.187 | 152   | 40247    | 4.881    | ug/L  | 0.00     |
| Spiked Amount                 | 5.000  | Range | 80 - 120 | Recovery | =     | 97.600%  |
|                               |        |       |          |          |       |          |
| Target Compounds              |        |       |          |          |       |          |
| 25) Chloroform                | 5.078  | 83    | 92911    | 6.206    | ug/L  | 99       |
| 34) Trichloroethene           | 6.537  | 95    | 8786     | 1.062    | ug/L  | 97       |
| 38) Bromodichloromethane      | 7.097  | 83    | 13893    | 1.385    | ug/L  | 98       |
| 42) Toluene                   | 7.965  | 91    | 4502     | 0.143    | ug/L  | 89       |
| 49) Dibromochloromethane      | 8.798  | 129   | 2221     | 0.343    | ug/L  | 78       |
| -----                         |        |       |          |          |       |          |

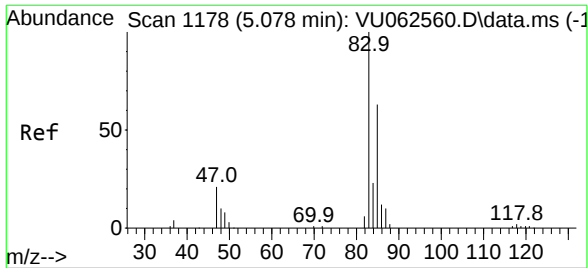
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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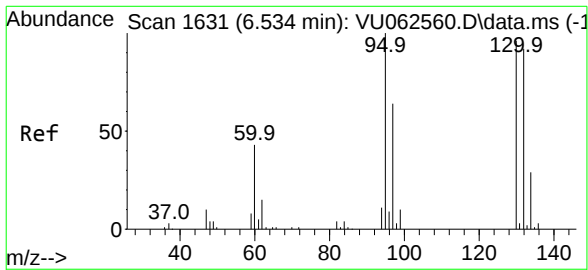
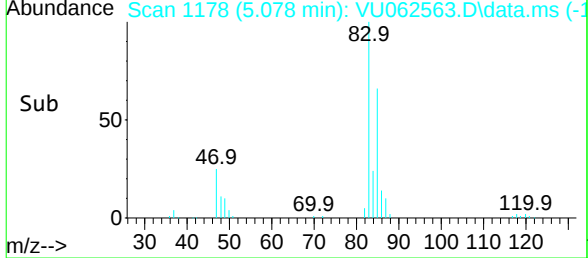
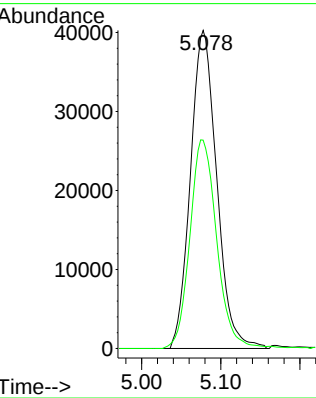
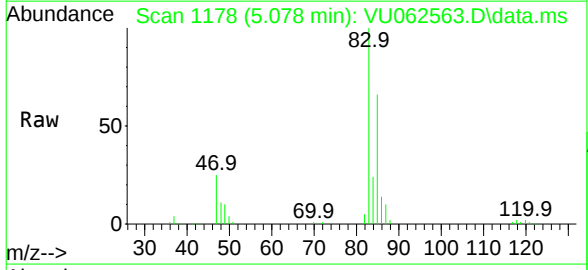




#25  
Chloroform  
Concen: 6.206 ug/L  
RT: 5.078 min Scan# 1178  
Delta R.T. 0.000 min  
Lab File: VU062563.D  
Acq: 23 Dec 2024 13:47

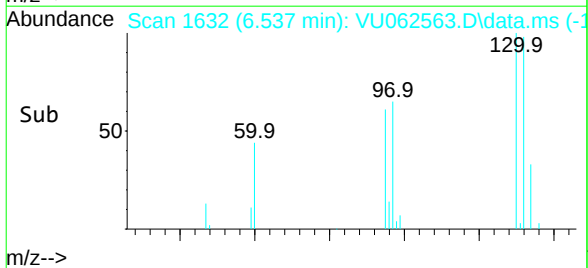
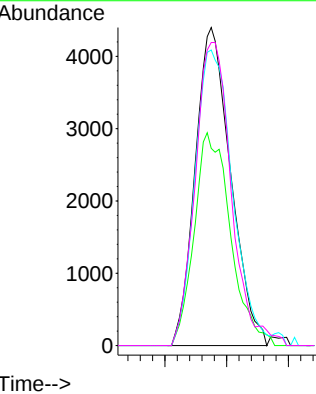
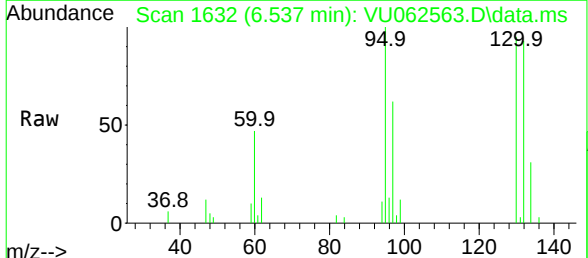
Instrument :  
MSVOA\_U  
ClientSampleId :  
E1PLO

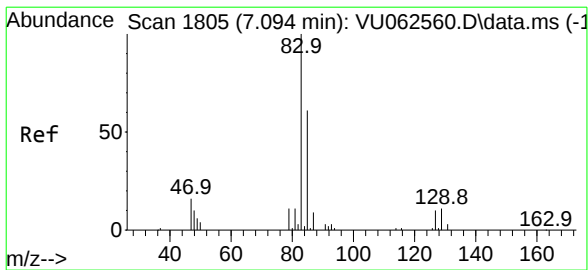
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 83    | Resp: | 92911 |
| Ion      | Ratio | Lower | Upper |
| 83       | 100   |       |       |
| 85       | 65.5  | 45.4  | 84.2  |



#34  
Trichloroethene  
Concen: 1.062 ug/L  
RT: 6.537 min Scan# 1632  
Delta R.T. 0.003 min  
Lab File: VU062563.D  
Acq: 23 Dec 2024 13:47

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 95    | Resp: | 8786  |
| Ion      | Ratio | Lower | Upper |
| 95       | 100   |       |       |
| 97       | 62.0  | 45.9  | 85.3  |
| 132      | 92.9  | 63.8  | 118.4 |
| 130      | 95.3  | 65.5  | 121.7 |





#38

Bromodichloromethane

Concen: 1.385 ug/L

RT: 7.097 min Scan# 18

Delta R.T. 0.000 min

Lab File: VU062563.D

Acq: 23 Dec 2024 13:47

Instrument :

MSVOA\_U

ClientSampleId :

E1PLO

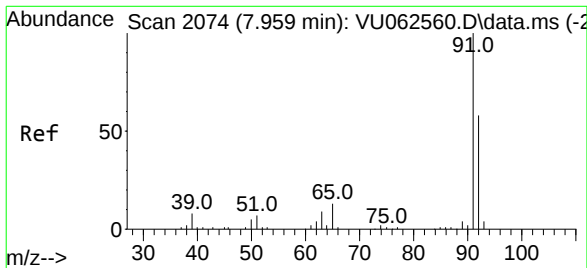
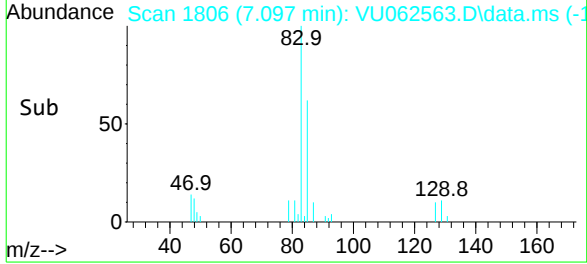
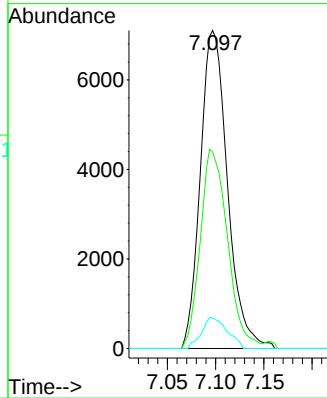
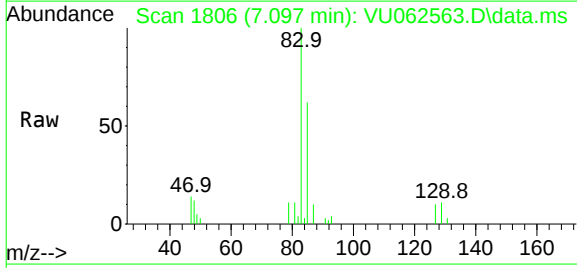
Tgt Ion: 83 Resp: 13893

Ion Ratio Lower Upper

83 100

85 61.7 44.1 81.9

127 9.6 6.9 10.3



#42

Toluene

Concen: 0.143 ug/L

RT: 7.965 min Scan# 2076

Delta R.T. 0.003 min

Lab File: VU062563.D

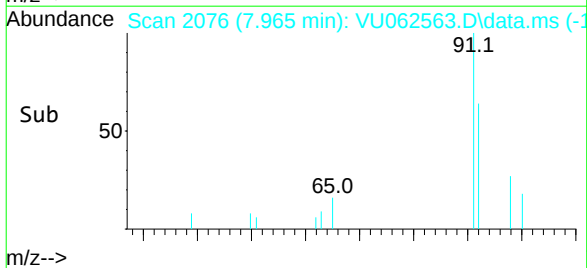
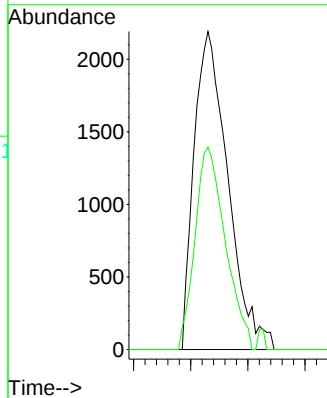
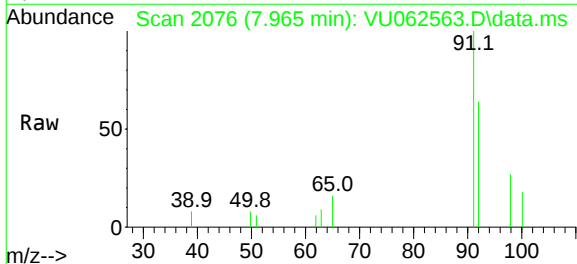
Acq: 23 Dec 2024 13:47

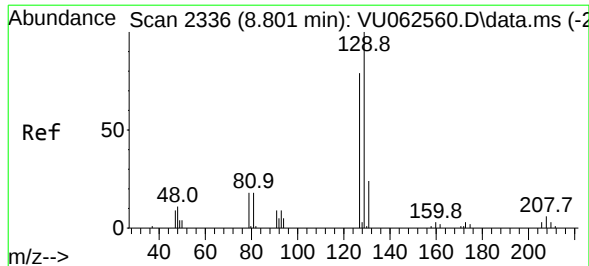
Tgt Ion: 91 Resp: 4502

Ion Ratio Lower Upper

91 100

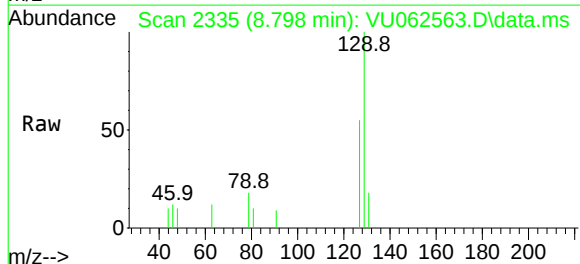
92 63.6 39.0 72.4





#49  
Dibromochloromethane  
Concen: 0.343 ug/L  
RT: 8.798 min Scan# 23  
Delta R.T. -0.003 min  
Lab File: VU062563.D  
Acq: 23 Dec 2024 13:47

Instrument :  
MSVOA\_U  
ClientSampleId :  
E1PLO



Tgt Ion:129 Resp: 2221  
Ion Ratio Lower Upper  
129 100  
127 55.0 51.1 94.9

