

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU121724\  
 Data File : VU062418.D  
 Acq On : 18 Dec 2024 04:45  
 Operator : MD/SY  
 Sample : P5309-14  
 Misc : 25mL/MSVOA\_U/WATER  
 ALS Vial : 48 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 C0CK5

Quant Time: Dec 18 06:57:14 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\SFAMUTR120924WMA.M  
 Quant Title : TRACE VOA SFAM1.0  
 QLast Update : Wed Dec 18 01:12:26 2024  
 Response via : Initial Calibration

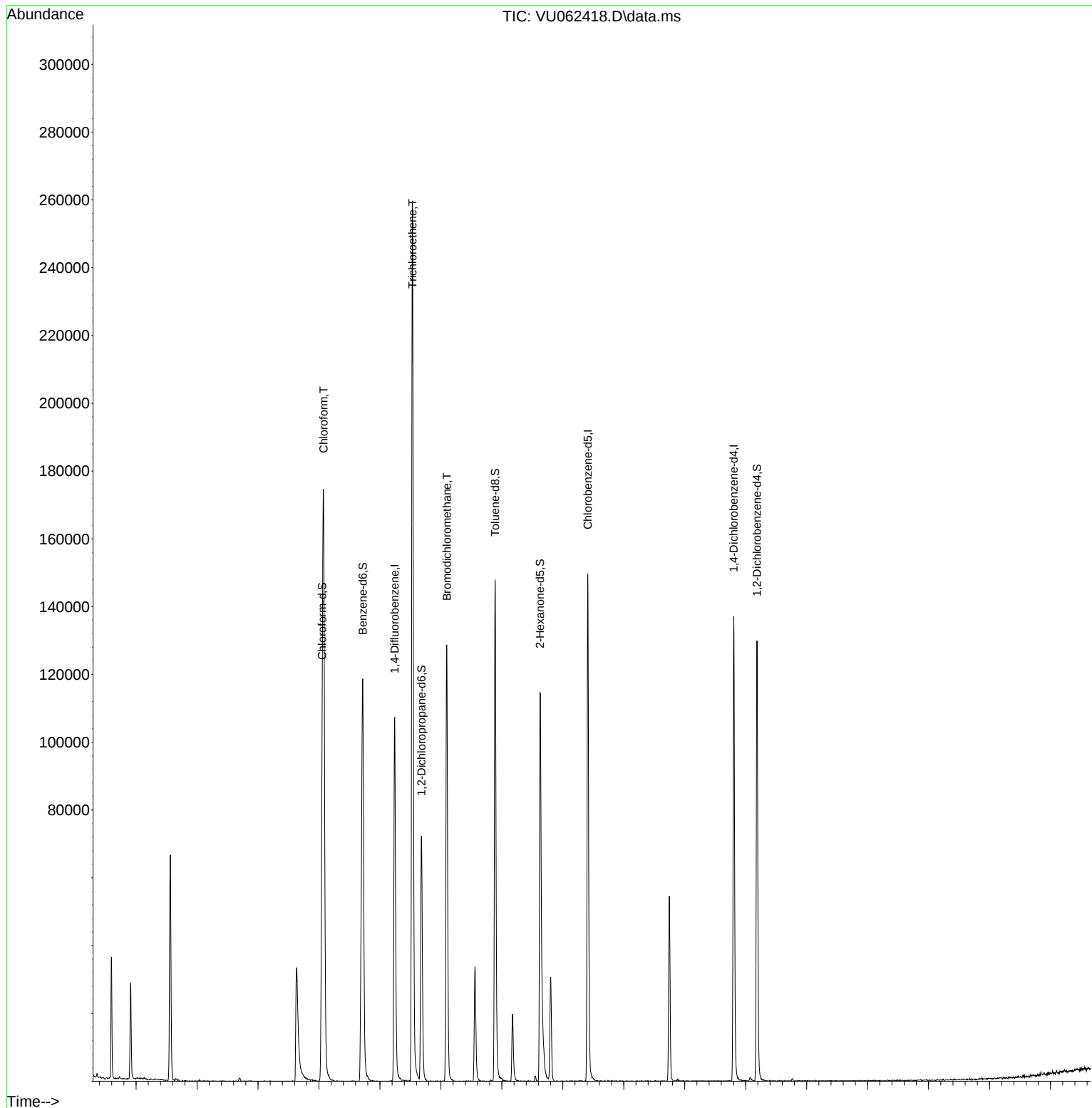
| Compound                      | R.T.   | QIon  | Response | Conc     | Units | Dev(Min) |
|-------------------------------|--------|-------|----------|----------|-------|----------|
| -----                         |        |       |          |          |       |          |
| Internal Standards            |        |       |          |          |       |          |
| 1) 1,4-Difluorobenzene        | 6.242  | 114   | 92008    | 5.000    | ug/L  | 0.00     |
| 28) Chlorobenzene-d5          | 9.409  | 117   | 87518    | 5.000    | ug/L  | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.804 | 152   | 40817    | 5.000    | ug/L  | 0.00     |
|                               |        |       |          |          |       |          |
| System Monitoring Compounds   |        |       |          |          |       |          |
| 4) Vinyl Chloride-d3          | 1.596  | 65    | 24993    | 4.027    | ug/L  | 0.00     |
| Spiked Amount                 | 5.000  | Range | 40 - 130 | Recovery | =     | 80.600%  |
| 7) Chloroethane-d5            | 1.911  | 69    | 20978    | 4.752    | ug/L  | 0.00     |
| Spiked Amount                 | 5.000  | Range | 65 - 130 | Recovery | =     | 95.000%  |
| 11) 1,1-Dichloroethene-d2     | 2.560  | 65    | 12372    | 4.190    | ug/L  | 0.00     |
| Spiked Amount                 | 5.000  | Range | 60 - 125 | Recovery | =     | 83.800%  |
| 20) 2-Butanone-d5             | 4.631  | 46    | 55196    | 46.408   | ug/L  | 0.00     |
| Spiked Amount                 | 50.000 | Range | 40 - 130 | Recovery | =     | 92.820%  |
| 24) Chloroform-d              | 5.052  | 84    | 70700    | 5.264    | ug/L  | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =     | 105.200% |
| 26) 1,2-Dichloroethane-d4     | 5.692  | 65    | 34181    | 5.175    | ug/L  | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =     | 103.600% |
| 32) Benzene-d6                | 5.718  | 84    | 115665   | 4.589    | ug/L  | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =     | 91.800%  |
| 36) 1,2-Dichloropropane-d6    | 6.682  | 67    | 33655    | 4.666    | ug/L  | 0.00     |
| Spiked Amount                 | 5.000  | Range | 60 - 140 | Recovery | =     | 93.400%  |
| 41) Toluene-d8                | 7.888  | 98    | 105127   | 4.415    | ug/L  | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =     | 88.200%  |
| 43) trans-1,3-Dichloroprop... | 8.174  | 79    | 13552    | 4.269    | ug/L  | 0.00     |
| Spiked Amount                 | 5.000  | Range | 55 - 130 | Recovery | =     | 85.400%  |
| 46) 2-Hexanone-d5             | 8.627  | 63    | 40575    | 42.366   | ug/L  | 0.00     |
| Spiked Amount                 | 50.000 | Range | 45 - 130 | Recovery | =     | 84.740%  |
| 56) 1,1,2,2-Tetrachloroeth... | 10.746 | 84    | 26200    | 4.668    | ug/L  | 0.00     |
| Spiked Amount                 | 5.000  | Range | 65 - 120 | Recovery | =     | 93.400%  |
| 66) 1,2-Dichlorobenzene-d4    | 12.184 | 152   | 38349    | 5.099    | ug/L  | 0.00     |
| Spiked Amount                 | 5.000  | Range | 80 - 120 | Recovery | =     | 102.000% |
|                               |        |       |          |          |       |          |
| Target Compounds              |        |       |          |          |       |          |
| 25) Chloroform                | 5.075  | 83    | 140543   | 10.665   | ug/L  | 99       |
| 34) Trichloroethene           | 6.531  | 95    | 92164    | 11.996   | ug/L  | 95       |
| 38) Bromodichloromethane      | 7.097  | 83    | 88084    | 9.453    | ug/L  | 96       |
| 49) Dibromochloromethane      | 8.801  | 129   | 16836    | 2.795    | ug/L  | 98       |
| -----                         |        |       |          |          |       |          |

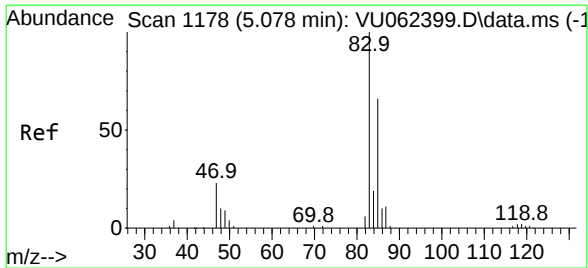
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#25

Chloroform

Concen: 10.665 ug/L

RT: 5.075 min Scan# 1177

Delta R.T. -0.003 min

Lab File: VU062418.D

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MSVOA\_U

ClientSampleId :

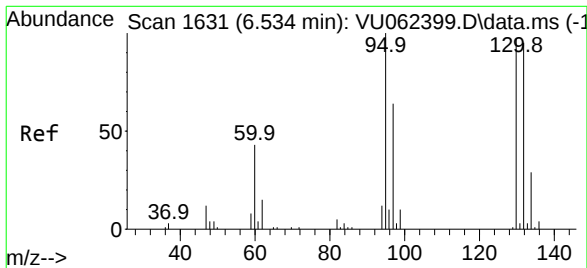
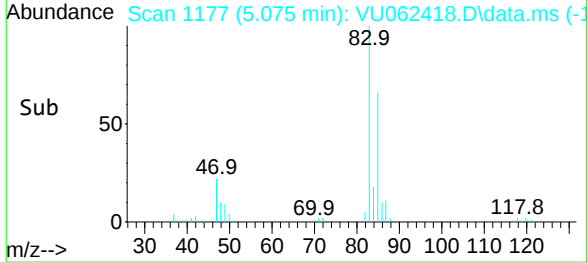
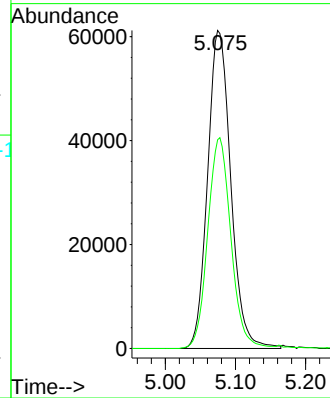
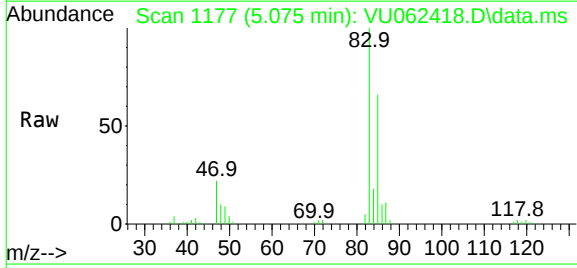
C0CK5

Tgt Ion: 83 Resp: 140543

Ion Ratio Lower Upper

83 100

85 65.6 45.4 84.2



#34

Trichloroethene

Concen: 11.996 ug/L

RT: 6.531 min Scan# 1630

Delta R.T. -0.003 min

Lab File: VU062418.D

Acq: 18 Dec 2024 04:45

Tgt Ion: 95 Resp: 92164

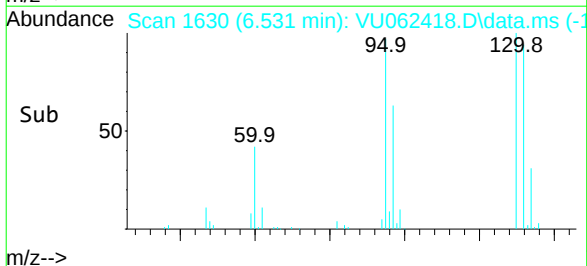
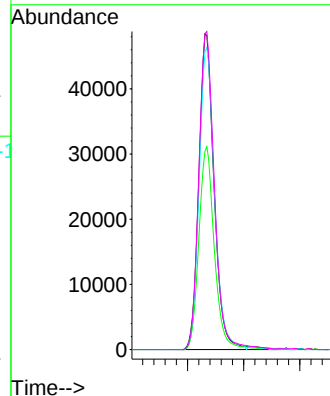
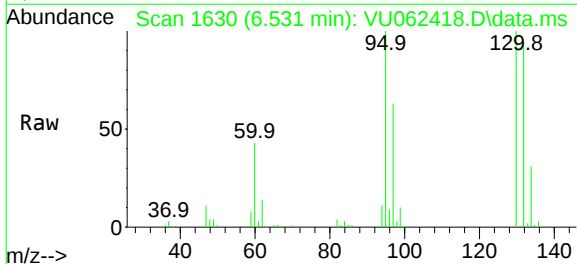
Ion Ratio Lower Upper

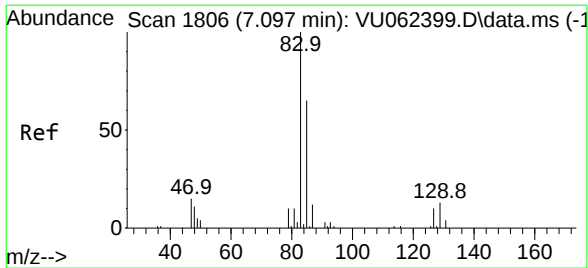
95 100

97 62.9 45.9 85.3

132 94.4 63.8 118.4

130 100.1 65.5 121.7

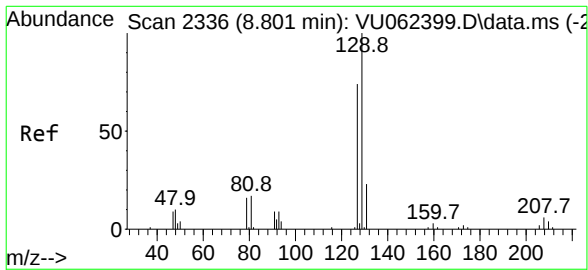
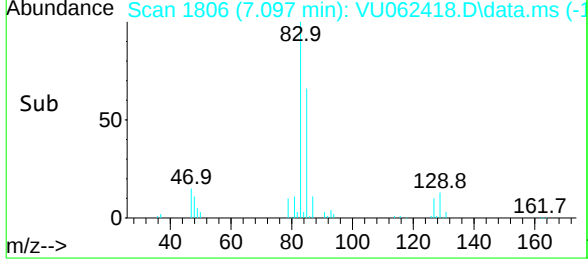
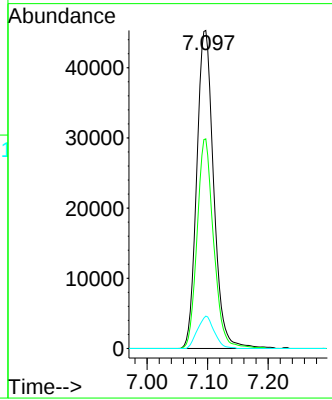
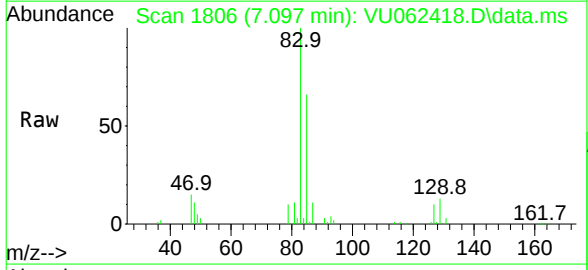




#38  
 Bromodichloromethane  
 Concen: 9.453 ug/L  
 RT: 7.097 min Scan# 1806  
 Delta R.T. 0.000 min  
 Lab File: VU062418.D  
 Acq: 18 Dec 2024 04:45

Instrument :  
 MSVOA\_U  
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|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 83    | Resp: | 88084 |
| Ion      | Ratio | Lower | Upper |
| 83       | 100   |       |       |
| 85       | 65.9  | 44.1  | 81.9  |
| 127      | 10.2  | 6.9   | 10.3  |



#49  
 Dibromochloromethane  
 Concen: 2.795 ug/L  
 RT: 8.801 min Scan# 2336  
 Delta R.T. 0.000 min  
 Lab File: VU062418.D  
 Acq: 18 Dec 2024 04:45

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 129   | Resp: | 16836 |
| Ion      | Ratio | Lower | Upper |
| 129      | 100   |       |       |
| 127      | 74.8  | 51.1  | 94.9  |

