

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU102823\  
 Data File : VU055975.D  
 Acq On : 28 Oct 2023 15:40  
 Operator : MD/SY  
 Sample : 05114-10  
 Misc : 25.0mL/MSVOA\_U/WATER  
 ALS Vial : 17 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 C0B59

Quant Time: Oct 30 04:54:43 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\SFAMUTR102423WMA.M  
 Quant Title : TRACE VOA SFAM1.0  
 QLast Update : Mon Oct 30 04:51:15 2023  
 Response via : Initial Calibration

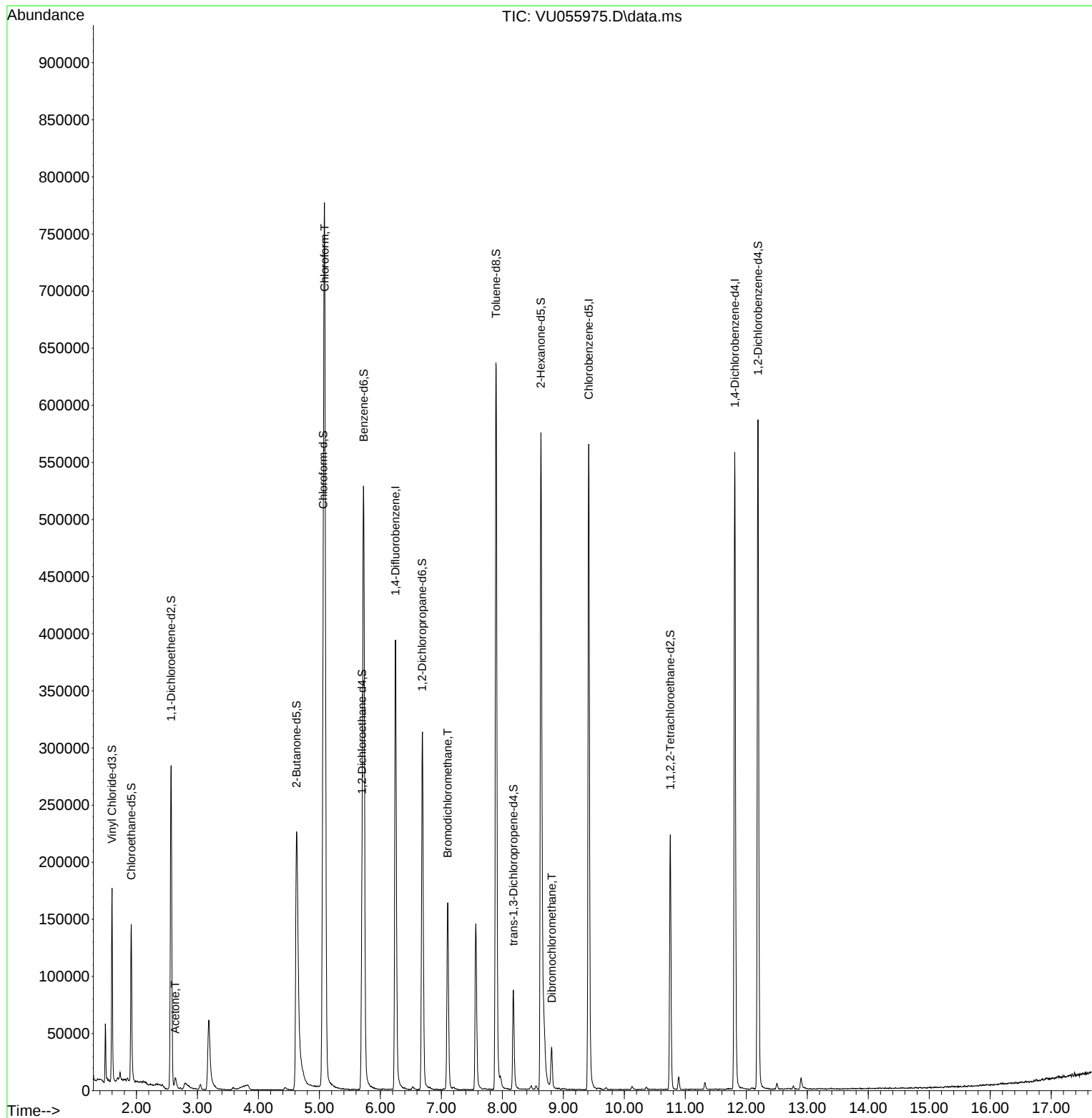
| Compound                      | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min)  |
|-------------------------------|--------|-------|----------|----------|--------|-----------|
| -----                         |        |       |          |          |        |           |
| Internal Standards            |        |       |          |          |        |           |
| 1) 1,4-Difluorobenzene        | 6.248  | 114   | 340348   | 5.000    | ug/L   | 0.00      |
| 28) Chlorobenzene-d5          | 9.415  | 117   | 339114   | 5.000    | ug/L   | 0.00      |
| 58) 1,4-Dichlorobenzene-d4    | 11.811 | 152   | 159157   | 5.000    | ug/L   | 0.00      |
| System Monitoring Compounds   |        |       |          |          |        |           |
| 4) Vinyl Chloride-d3          | 1.599  | 65    | 118415   | 4.398    | ug/L   | 0.00      |
| Spiked Amount                 | 5.000  | Range | 40 - 130 | Recovery | =      | 88.000%   |
| 7) Chloroethane-d5            | 1.914  | 69    | 101496   | 4.836    | ug/L   | 0.00      |
| Spiked Amount                 | 5.000  | Range | 65 - 130 | Recovery | =      | 96.800%   |
| 11) 1,1-Dichloroethene-d2     | 2.567  | 65    | 53886    | 4.714    | ug/L   | 0.00      |
| Spiked Amount                 | 5.000  | Range | 60 - 125 | Recovery | =      | 94.200%   |
| 20) 2-Butanone-d5             | 4.624  | 46    | 256462   | 53.396   | ug/L   | 0.00      |
| Spiked Amount                 | 50.000 | Range | 40 - 130 | Recovery | =      | 106.800%  |
| 24) Chloroform-d              | 5.062  | 84    | 283918   | 5.691    | ug/L   | 0.00      |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =      | 113.800%  |
| 26) 1,2-Dichloroethane-d4     | 5.698  | 65    | 121460   | 4.997    | ug/L   | 0.00      |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =      | 100.000%  |
| 32) Benzene-d6                | 5.724  | 84    | 528026   | 5.227    | ug/L   | 0.00      |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =      | 104.600%  |
| 36) 1,2-Dichloropropane-d6    | 6.685  | 67    | 158702   | 5.300    | ug/L   | 0.00      |
| Spiked Amount                 | 5.000  | Range | 60 - 140 | Recovery | =      | 106.000%  |
| 41) Toluene-d8                | 7.894  | 98    | 458588   | 5.004    | ug/L   | 0.00      |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =      | 100.000%  |
| 43) trans-1,3-Dichloroprop... | 8.181  | 79    | 55161    | 4.710    | ug/L   | 0.00      |
| Spiked Amount                 | 5.000  | Range | 55 - 130 | Recovery | =      | 94.200%   |
| 46) 2-Hexanone-d5             | 8.631  | 63    | 209344   | 70.414   | ug/L   | 0.00      |
| Spiked Amount                 | 50.000 | Range | 45 - 130 | Recovery | =      | 140.820%# |
| 56) 1,1,2,2-Tetrachloroeth... | 10.753 | 84    | 114209   | 5.237    | ug/L   | 0.00      |
| Spiked Amount                 | 5.000  | Range | 65 - 120 | Recovery | =      | 104.800%  |
| 66) 1,2-Dichlorobenzene-d4    | 12.190 | 152   | 166485   | 5.607    | ug/L   | 0.00      |
| Spiked Amount                 | 5.000  | Range | 80 - 120 | Recovery | =      | 112.200%  |
| Target Compounds              |        |       |          |          |        |           |
|                               |        |       |          |          | Qvalue |           |
| 13) Acetone                   | 2.634  | 43    | 14341    | 5.240    | ug/L   | 99        |
| 25) Chloroform                | 5.084  | 83    | 659015   | 18.507   | ug/L   | 98        |
| 38) Bromodichloromethane      | 7.103  | 83    | 112554   | 4.512    | ug/L   | 99        |
| 49) Dibromochloromethane      | 8.808  | 129   | 18190    | 1.186    | ug/L   | 98        |
| -----                         |        |       |          |          |        |           |

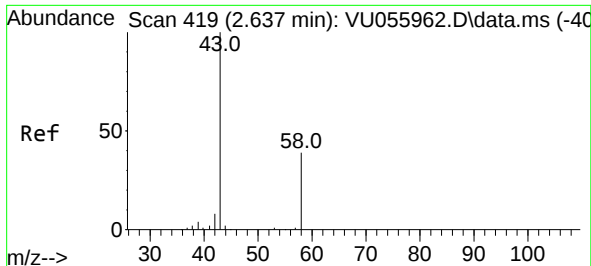
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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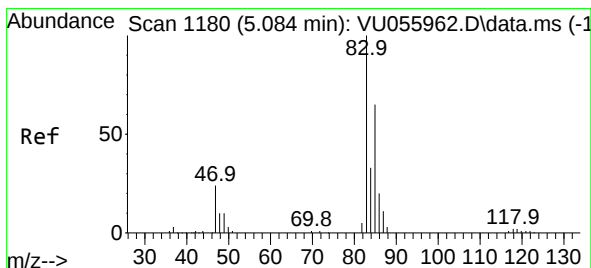
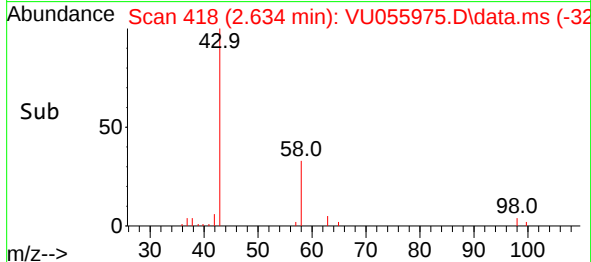
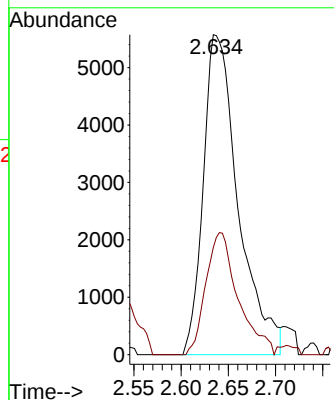
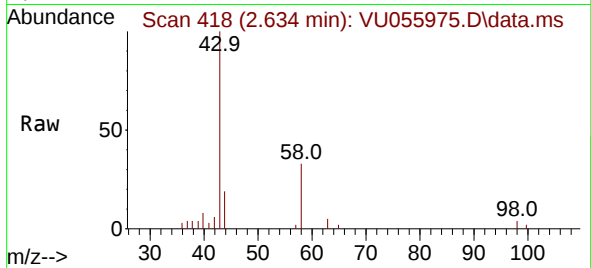




#13  
Acetone  
Concen: 5.240 ug/L  
RT: 2.634 min Scan# 419  
Delta R.T. -0.003 min  
Lab File: VU055975.D  
Acq: 28 Oct 2023 15:40

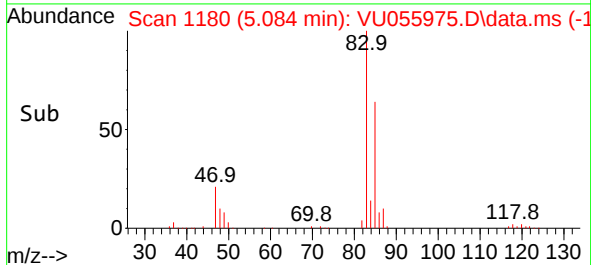
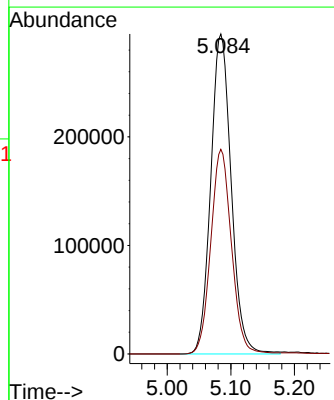
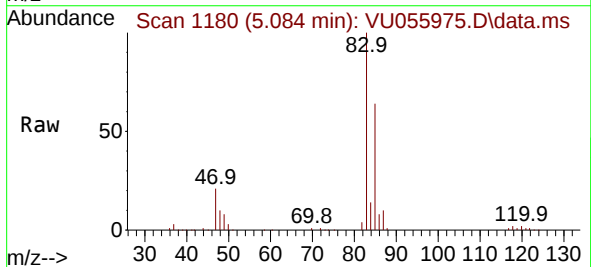
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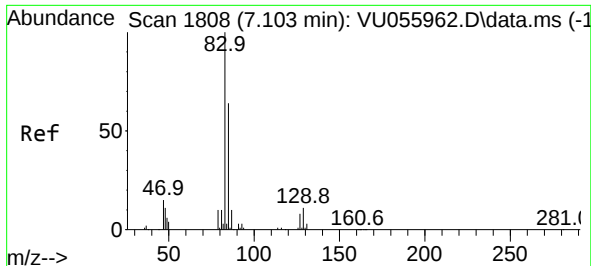
Tgt Ion: 43 Resp: 14341  
Ion Ratio Lower Upper  
43 100  
58 35.2 0.0 69.0



#25  
Chloroform  
Concen: 18.507 ug/L  
RT: 5.084 min Scan# 1180  
Delta R.T. 0.000 min  
Lab File: VU055975.D  
Acq: 28 Oct 2023 15:40

Tgt Ion: 83 Resp: 659015  
Ion Ratio Lower Upper  
83 100  
85 64.0 45.6 84.8

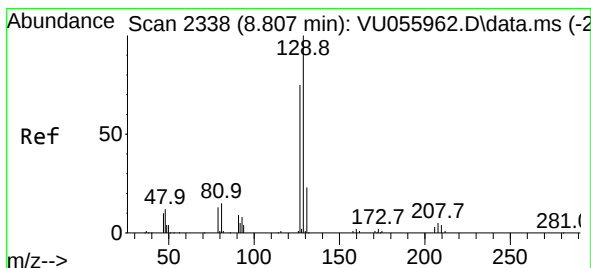
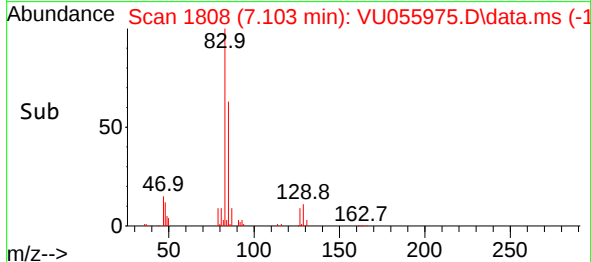
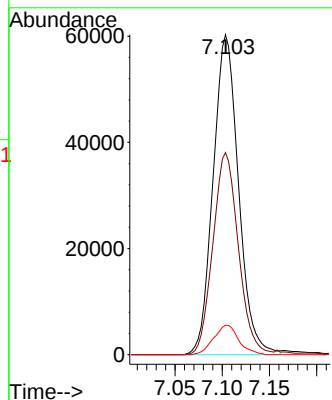
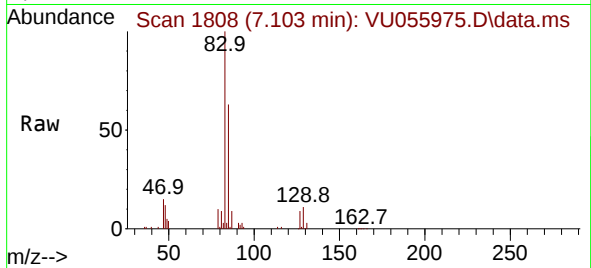




#38  
Bromodichloromethane  
Concen: 4.512 ug/L  
RT: 7.103 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: VU055975.D  
Acq: 28 Oct 2023 15:40

Instrument :  
MSVOA\_U  
ClientSampleId :  
C0B59

Tgt Ion: 83 Resp: 112554  
Ion Ratio Lower Upper  
83 100  
85 63.2 44.9 83.3  
127 9.2 6.6 9.8



#49  
Dibromochloromethane  
Concen: 1.186 ug/L  
RT: 8.808 min Scan# 2338  
Delta R.T. 0.000 min  
Lab File: VU055975.D  
Acq: 28 Oct 2023 15:40

Tgt Ion: 129 Resp: 18190  
Ion Ratio Lower Upper  
129 100  
127 77.9 53.5 99.5

