

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU013024\  
 Data File : VU057741.D  
 Acq On : 30 Jan 2024 14:10  
 Operator : MD/SY  
 Sample : P1230-07RE  
 Misc : 25.0mL/MSVOA\_U/WATER  
 ALS Vial : 13 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 COBG0RE

Quant Time: Jan 30 22:37:03 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\SFAMUTR012324WMA.M  
 Quant Title : TRACE VOA SFAM1.0  
 QLast Update : Tue Jan 30 22:31:02 2024  
 Response via : Initial Calibration

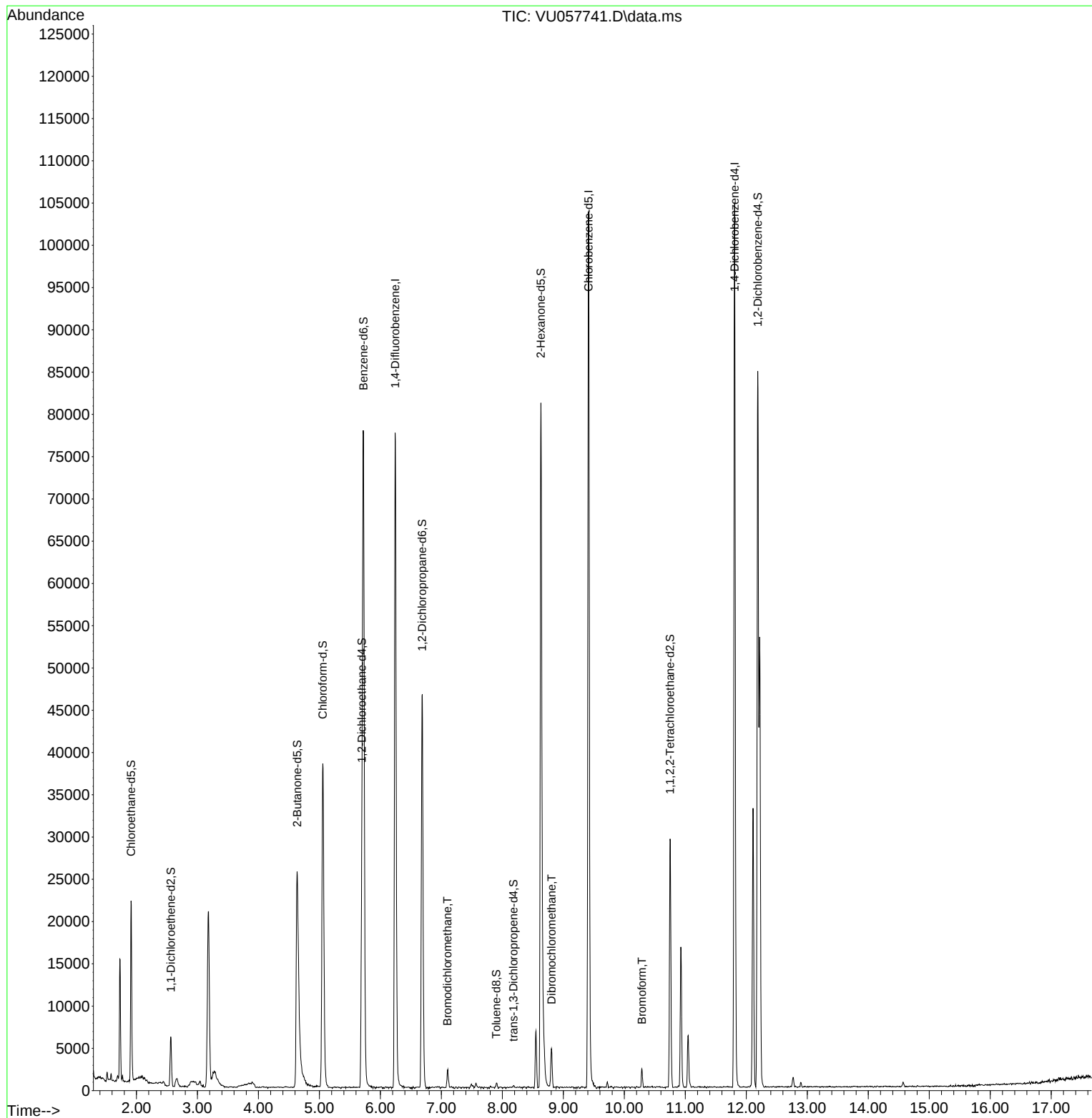
| Compound                      | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|--------|-------|----------|----------|--------|----------|
| -----                         |        |       |          |          |        |          |
| Internal Standards            |        |       |          |          |        |          |
| 1) 1,4-Difluorobenzene        | 6.242  | 114   | 65112    | 5.000    | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 9.412  | 117   | 58854    | 5.000    | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.807 | 152   | 27060    | 5.000    | ug/L   | 0.00     |
|                               |        |       |          |          |        |          |
| System Monitoring Compounds   |        |       |          |          |        |          |
| 4) Vinyl Chloride-d3          | 0.000  | 65    | 0        | 0.000    | ug/L   |          |
| Spiked Amount                 | 5.000  | Range | 40 - 130 | Recovery | =      | 0.000%#  |
| 7) Chloroethane-d5            | 1.911  | 69    | 15668    | 5.212    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 65 - 130 | Recovery | =      | 104.200% |
| 11) 1,1-Dichloroethene-d2     | 2.563  | 65    | 1200     | 0.711    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 60 - 125 | Recovery | =      | 14.200%# |
| 20) 2-Butanone-d5             | 4.634  | 46    | 37731    | 55.751   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 40 - 130 | Recovery | =      | 111.500% |
| 24) Chloroform-d              | 5.055  | 84    | 36183    | 4.969    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =      | 99.400%  |
| 26) 1,2-Dichloroethane-d4     | 5.695  | 65    | 18368    | 5.551    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =      | 111.000% |
| 32) Benzene-d6                | 5.721  | 84    | 73023    | 5.290    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =      | 105.800% |
| 36) 1,2-Dichloropropane-d6    | 6.682  | 67    | 22565    | 5.419    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 60 - 140 | Recovery | =      | 108.400% |
| 41) Toluene-d8                | 7.901  | 98    | 423      | 0.032    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =      | 0.600%#  |
| 43) trans-1,3-Dichloroprop... | 8.181  | 79    | 229      | 0.138    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 55 - 130 | Recovery | =      | 2.800%#  |
| 46) 2-Hexanone-d5             | 8.631  | 63    | 28376    | 53.591   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 45 - 130 | Recovery | =      | 107.180% |
| 56) 1,1,2,2-Tetrachloroeth... | 10.750 | 84    | 14389    | 5.155    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 65 - 120 | Recovery | =      | 103.200% |
| 66) 1,2-Dichlorobenzene-d4    | 12.187 | 152   | 21362    | 5.625    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 80 - 120 | Recovery | =      | 112.600% |
|                               |        |       |          |          |        |          |
| Target Compounds              |        |       |          |          |        | Qvalue   |
| 38) Bromodichloromethane      | 7.100  | 83    | 1735     | 0.255    | ug/L # | 90       |
| 49) Dibromochloromethane      | 8.804  | 129   | 2681     | 0.630    | ug/L   | 93       |
| 59) Bromoform                 | 10.287 | 173   | 972      | 0.442    | ug/L # | 96       |
| -----                         |        |       |          |          |        |          |

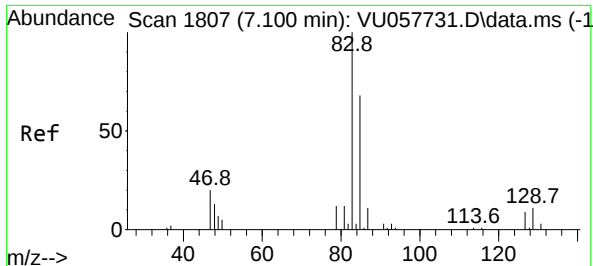
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU013024\  
Data File : VU057741.D  
Acq On : 30 Jan 2024 14:10  
Operator : MD/SY  
Sample : P1230-07RE  
Misc : 25.0mL/MSVOA\_U/WATER  
ALS Vial : 13 Sample Multiplier: 1

Instrument :  
MSVOA\_U  
ClientSampleId :  
COBG0RE

Quant Time: Jan 30 22:37:03 2024  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\SFAMUTR012324WMA.M  
Quant Title : TRACE VOA SFAM1.0  
QLast Update : Tue Jan 30 22:31:02 2024  
Response via : Initial Calibration

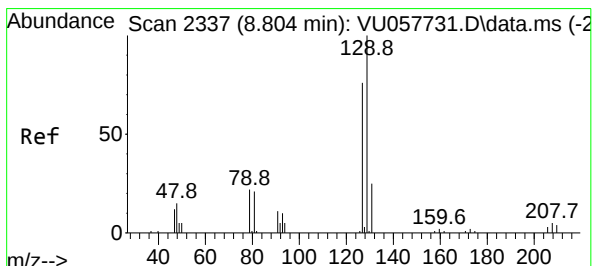
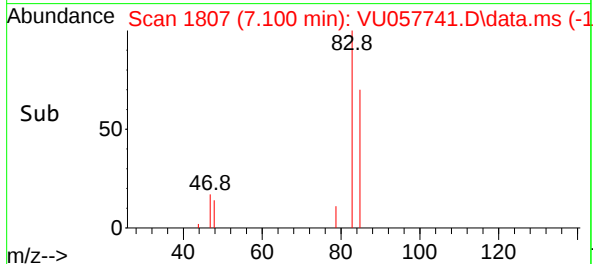
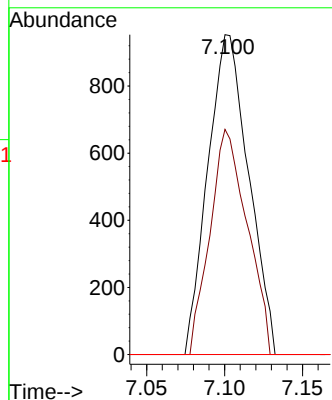
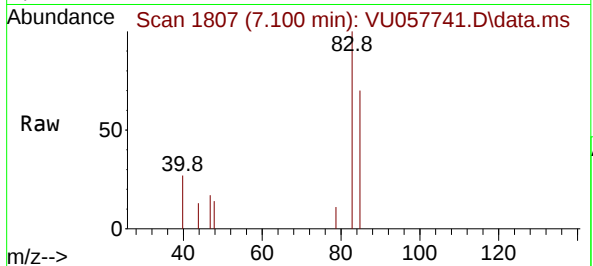




#38  
Bromodichloromethane  
Concen: 0.255 ug/L  
RT: 7.100 min Scan# 1807  
Delta R.T. 0.000 min  
Lab File: VU057741.D  
Acq: 30 Jan 2024 14:10

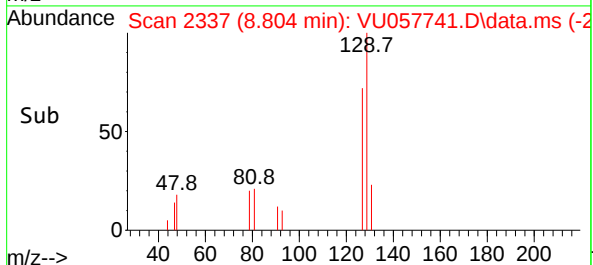
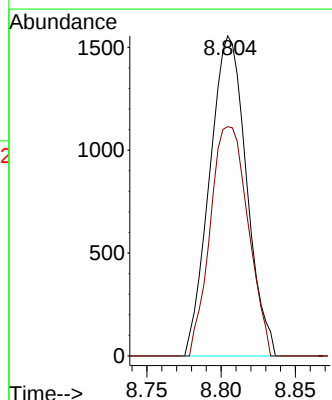
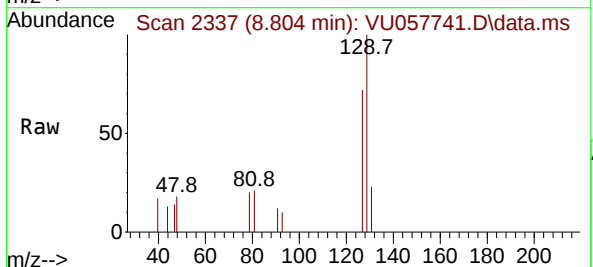
Instrument :  
MSVOA\_U  
ClientSampleId :  
COBG0RE

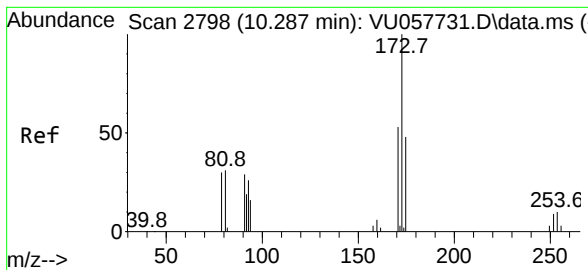
Tgt Ion: 83 Resp: 1735  
Ion Ratio Lower Upper  
83 100  
85 70.4 44.7 83.1  
127 0.0 6.4 9.6#



#49  
Dibromochloromethane  
Concen: 0.630 ug/L  
RT: 8.804 min Scan# 2337  
Delta R.T. 0.000 min  
Lab File: VU057741.D  
Acq: 30 Jan 2024 14:10

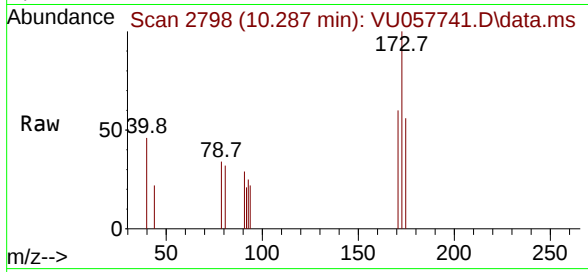
Tgt Ion: 129 Resp: 2681  
Ion Ratio Lower Upper  
129 100  
127 71.6 54.5 101.1





#59  
 Bromoform  
 Concen: 0.442 ug/L  
 RT: 10.287 min Scan# 21  
 Delta R.T. 0.000 min  
 Lab File: VU057741.D  
 Acq: 30 Jan 2024 14:10

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 C0BG0RE



|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 173   | Resp: | 972   |
| Ion      | Ratio | Lower | Upper |
| 173      | 100   |       |       |
| 175      | 47.0  | 37.5  | 56.3  |
| 254      | 0.0   | 7.2   | 10.8# |

