

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU121923\  
 Data File : VU057035.D  
 Acq On : 19 Dec 2023 11:32  
 Operator : MD/SY  
 Sample : 05830-02  
 Misc : 25.0mL/MSVOA\_U/WATER  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 H0AA5

Quant Time: Dec 20 04:55:32 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\SFAMUTR121123WMA.M  
 Quant Title : TRACE VOA SFAM1.0  
 QLast Update : Wed Dec 20 04:54:16 2023  
 Response via : Initial Calibration

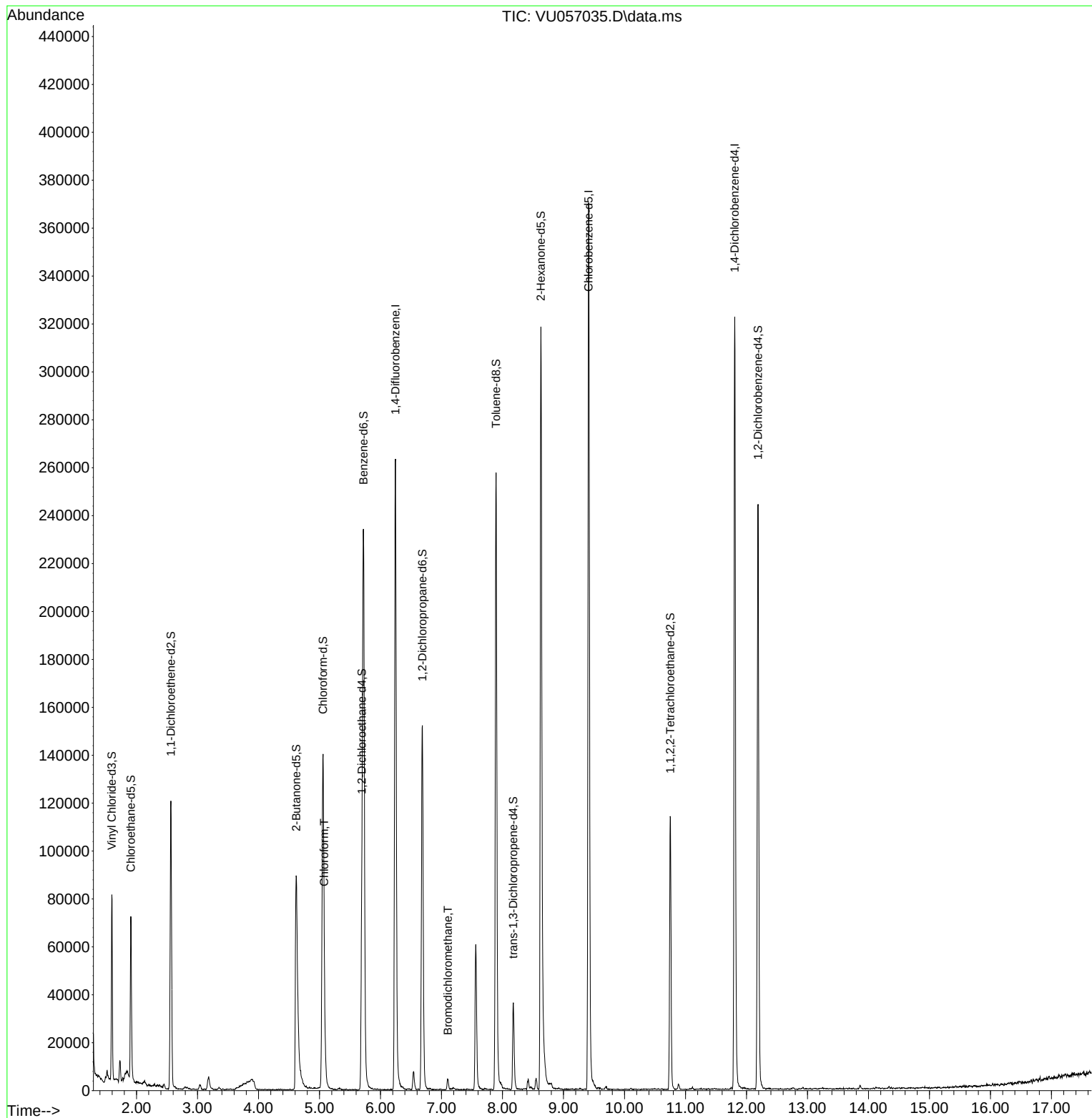
| Compound                      | R.T.   | QIon  | Response | Conc     | Units | Dev(Min) |
|-------------------------------|--------|-------|----------|----------|-------|----------|
| -----                         |        |       |          |          |       |          |
| Internal Standards            |        |       |          |          |       |          |
| 1) 1,4-Difluorobenzene        | 6.245  | 114   | 215157   | 5.000    | ug/L  | 0.00     |
| 28) Chlorobenzene-d5          | 9.412  | 117   | 212364   | 5.000    | ug/L  | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.807 | 152   | 87700    | 5.000    | ug/L  | 0.00     |
|                               |        |       |          |          |       |          |
| System Monitoring Compounds   |        |       |          |          |       |          |
| 4) Vinyl Chloride-d3          | 1.595  | 65    | 54394    | 2.949    | ug/L  | 0.00     |
| Spiked Amount                 | 5.000  | Range | 40 - 130 | Recovery | =     | 59.000%  |
| 7) Chloroethane-d5            | 1.907  | 69    | 52398    | 3.797    | ug/L  | 0.00     |
| Spiked Amount                 | 5.000  | Range | 65 - 130 | Recovery | =     | 76.000%  |
| 11) 1,1-Dichloroethene-d2     | 2.563  | 65    | 24170    | 3.063    | ug/L  | 0.00     |
| Spiked Amount                 | 5.000  | Range | 60 - 125 | Recovery | =     | 61.200%  |
| 20) 2-Butanone-d5             | 4.618  | 46    | 143978   | 39.531   | ug/L  | 0.00     |
| Spiked Amount                 | 50.000 | Range | 40 - 130 | Recovery | =     | 79.060%  |
| 24) Chloroform-d              | 5.055  | 84    | 131227   | 3.758    | ug/L  | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =     | 75.200%  |
| 26) 1,2-Dichloroethane-d4     | 5.695  | 65    | 66237    | 4.008    | ug/L  | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =     | 80.200%  |
| 32) Benzene-d6                | 5.721  | 84    | 224731   | 3.412    | ug/L  | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =     | 68.200%# |
| 36) 1,2-Dichloropropane-d6    | 6.685  | 67    | 74132    | 3.596    | ug/L  | 0.00     |
| Spiked Amount                 | 5.000  | Range | 60 - 140 | Recovery | =     | 72.000%  |
| 41) Toluene-d8                | 7.894  | 98    | 177333   | 3.012    | ug/L  | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =     | 60.200%# |
| 43) trans-1,3-Dichloroprop... | 8.177  | 79    | 22848    | 2.858    | ug/L  | 0.00     |
| Spiked Amount                 | 5.000  | Range | 55 - 130 | Recovery | =     | 57.200%  |
| 46) 2-Hexanone-d5             | 8.627  | 63    | 105385   | 34.948   | ug/L  | -0.01    |
| Spiked Amount                 | 50.000 | Range | 45 - 130 | Recovery | =     | 69.900%  |
| 56) 1,1,2,2-Tetrachloroeth... | 10.753 | 84    | 58443    | 3.918    | ug/L  | 0.00     |
| Spiked Amount                 | 5.000  | Range | 65 - 120 | Recovery | =     | 78.400%  |
| 66) 1,2-Dichlorobenzene-d4    | 12.190 | 152   | 66283    | 3.845    | ug/L  | 0.00     |
| Spiked Amount                 | 5.000  | Range | 80 - 120 | Recovery | =     | 76.800%# |
|                               |        |       |          |          |       |          |
| Target Compounds              |        |       |          |          |       | Qvalue   |
| 25) Chloroform                | 5.078  | 83    | 16112    | 0.451    | ug/L  | 97       |
| 38) Bromodichloromethane      | 7.103  | 83    | 3247     | 0.133    | ug/L  | 87       |
| -----                         |        |       |          |          |       |          |

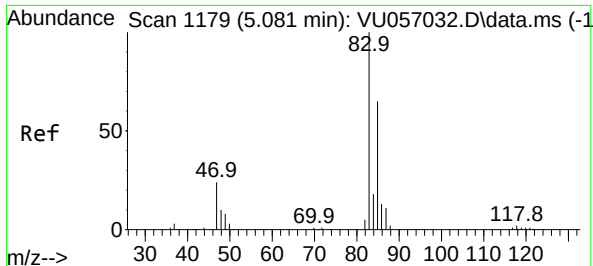
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#25

Chloroform

Concen: 0.451 ug/L

RT: 5.078 min Scan# 1179

Delta R.T. -0.003 min

Lab File: VU057035.D

Acq: 19 Dec 2023 11:32

Instrument :

MSVOA\_U

ClientSampleId :

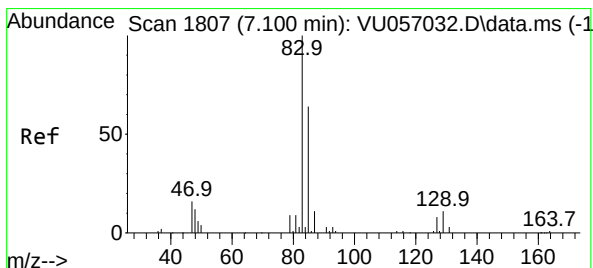
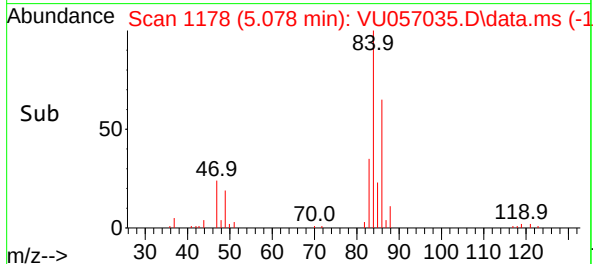
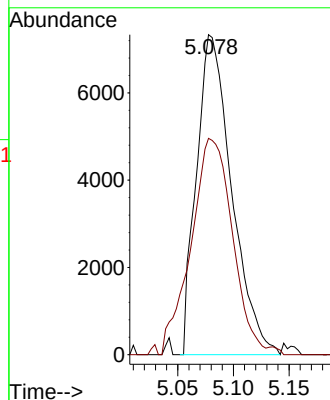
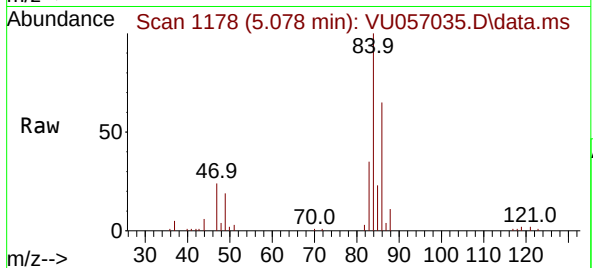
H0AA5

Tgt Ion: 83 Resp: 16112

Ion Ratio Lower Upper

83 100

85 67.6 45.8 85.0



#38

Bromodichloromethane

Concen: 0.133 ug/L

RT: 7.103 min Scan# 1808

Delta R.T. 0.003 min

Lab File: VU057035.D

Acq: 19 Dec 2023 11:32

Tgt Ion: 83 Resp: 3247

Ion Ratio Lower Upper

83 100

85 75.7 45.0 83.6

127 9.5 7.0 10.4

