

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU040124\  
 Data File : VU058312.D  
 Acq On : 01 Apr 2024 14:42  
 Operator : MD/SY  
 Sample : P1912-16  
 Misc : 25.0mL/MSVOA\_U/WATER  
 ALS Vial : 13 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 DCOE6

Quant Time: Apr 02 02:27:32 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\SFAMUTR032124WMA.M  
 Quant Title : TRACE VOA SFAM1.0  
 QLast Update : Tue Apr 02 02:24:47 2024  
 Response via : Initial Calibration

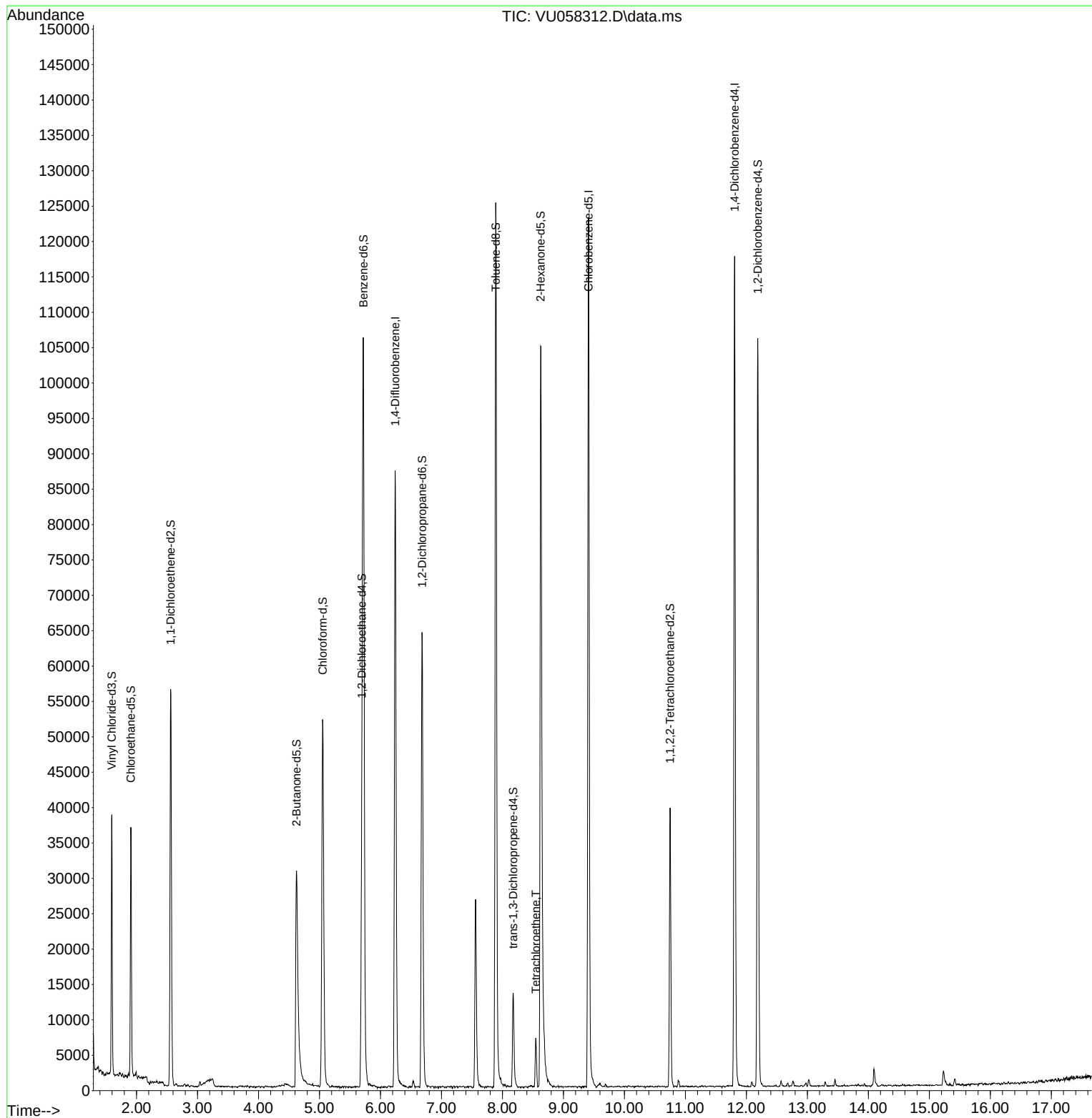
| Compound                      | R.T.   | QIon  | Response | Conc     | Units | Dev(Min) |
|-------------------------------|--------|-------|----------|----------|-------|----------|
| -----                         |        |       |          |          |       |          |
| Internal Standards            |        |       |          |          |       |          |
| 1) 1,4-Difluorobenzene        | 6.242  | 114   | 70202    | 5.000    | ug/L  | 0.00     |
| 28) Chlorobenzene-d5          | 9.412  | 117   | 69132    | 5.000    | ug/L  | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.807 | 152   | 31028    | 5.000    | ug/L  | 0.00     |
|                               |        |       |          |          |       |          |
| System Monitoring Compounds   |        |       |          |          |       |          |
| 4) Vinyl Chloride-d3          | 1.595  | 65    | 25906    | 4.367    | ug/L  | 0.00     |
| Spiked Amount                 | 5.000  | Range | 40 - 130 | Recovery | =     | 87.400%  |
| 7) Chloroethane-d5            | 1.907  | 69    | 24030    | 4.962    | ug/L  | 0.00     |
| Spiked Amount                 | 5.000  | Range | 65 - 130 | Recovery | =     | 99.200%  |
| 11) 1,1-Dichloroethene-d2     | 2.560  | 65    | 11424    | 4.638    | ug/L  | 0.00     |
| Spiked Amount                 | 5.000  | Range | 60 - 125 | Recovery | =     | 92.800%  |
| 20) 2-Butanone-d5             | 4.624  | 46    | 51599    | 48.958   | ug/L  | 0.00     |
| Spiked Amount                 | 50.000 | Range | 40 - 130 | Recovery | =     | 97.920%  |
| 24) Chloroform-d              | 5.052  | 84    | 49165    | 4.635    | ug/L  | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =     | 92.800%  |
| 26) 1,2-Dichloroethane-d4     | 5.695  | 65    | 24264    | 4.893    | ug/L  | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =     | 97.800%  |
| 32) Benzene-d6                | 5.721  | 84    | 102048   | 4.545    | ug/L  | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =     | 90.800%  |
| 36) 1,2-Dichloropropane-d6    | 6.682  | 67    | 32277    | 4.877    | ug/L  | 0.00     |
| Spiked Amount                 | 5.000  | Range | 60 - 140 | Recovery | =     | 97.600%  |
| 41) Toluene-d8                | 7.891  | 98    | 87338    | 4.391    | ug/L  | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =     | 87.800%  |
| 43) trans-1,3-Dichloroprop... | 8.177  | 79    | 8860     | 4.178    | ug/L  | 0.00     |
| Spiked Amount                 | 5.000  | Range | 55 - 130 | Recovery | =     | 83.600%  |
| 46) 2-Hexanone-d5             | 8.627  | 63    | 38291    | 44.590   | ug/L  | 0.00     |
| Spiked Amount                 | 50.000 | Range | 45 - 130 | Recovery | =     | 89.180%  |
| 56) 1,1,2,2-Tetrachloroeth... | 10.749 | 84    | 20028    | 4.646    | ug/L  | 0.00     |
| Spiked Amount                 | 5.000  | Range | 65 - 120 | Recovery | =     | 93.000%  |
| 66) 1,2-Dichlorobenzene-d4    | 12.187 | 152   | 27433    | 4.748    | ug/L  | 0.00     |
| Spiked Amount                 | 5.000  | Range | 80 - 120 | Recovery | =     | 95.000%  |
|                               |        |       |          |          |       |          |
| Target Compounds              |        |       |          |          |       | Qvalue   |
| 47) Tetrachloroethene         | 8.547  | 164   | 1514     | 0.478    | ug/L  | 87       |
| -----                         |        |       |          |          |       |          |

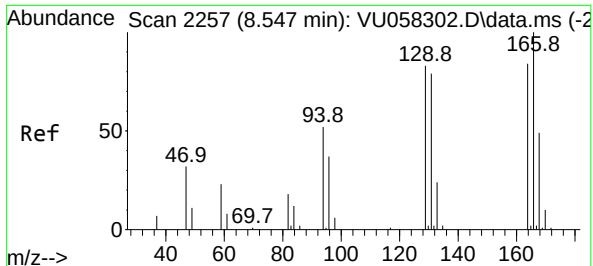
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#47

Tetrachloroethene

Concen: 0.478 ug/L

RT: 8.547 min Scan# 21

Delta R.T. 0.000 min

Lab File: VU058312.D

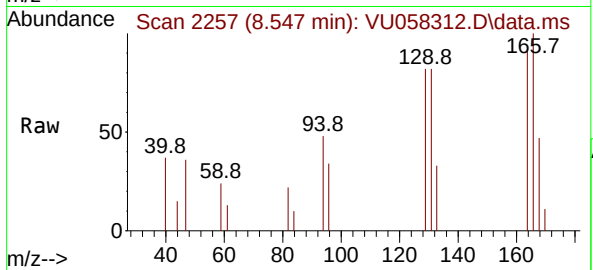
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Tgt Ion:164 Resp: 1514

Ion Ratio Lower Upper

164 100

129 90.1 71.3 132.3

131 90.1 70.8 131.4

166 110.4 90.9 168.9

