

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU121623\  
 Data File : VU056927.D  
 Acq On : 16 Dec 2023 15:13  
 Operator : MD/SY  
 Sample : 05810-04  
 Misc : 25.0mL/MSVOA\_U/WATER  
 ALS Vial : 13 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 F7C38

Quant Time: Dec 16 23:47:25 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\SFAMUTR121123WMA.M  
 Quant Title : TRACE VOA SFAM1.0  
 QLast Update : Fri Dec 15 01:53:53 2023  
 Response via : Initial Calibration

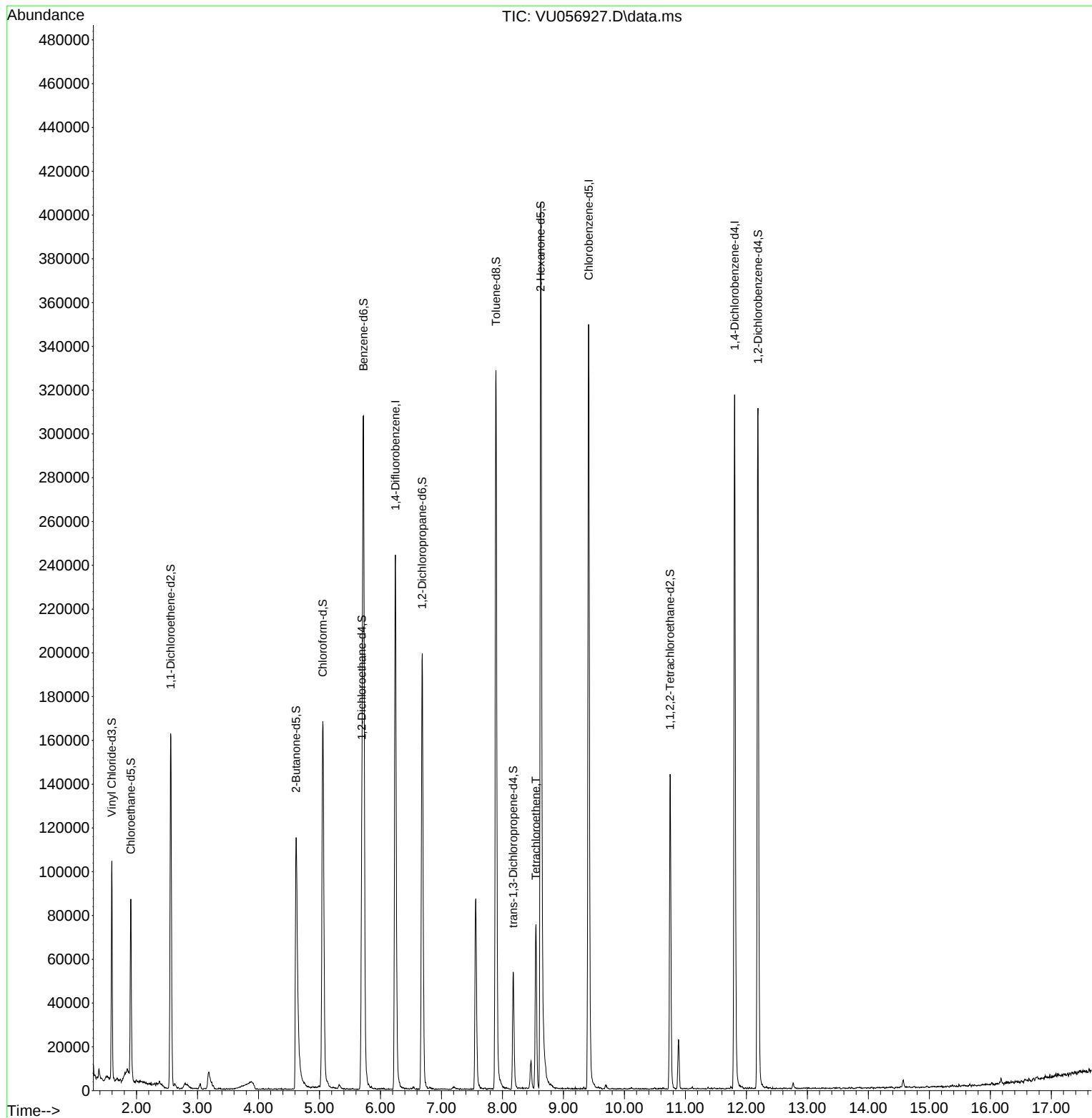
| Compound                      | R.T.   | QIon  | Response | Conc     | Units | Dev(Min) |
|-------------------------------|--------|-------|----------|----------|-------|----------|
| -----                         |        |       |          |          |       |          |
| Internal Standards            |        |       |          |          |       |          |
| 1) 1,4-Difluorobenzene        | 6.245  | 114   | 195991   | 5.000    | ug/L  | 0.00     |
| 28) Chlorobenzene-d5          | 9.415  | 117   | 206203   | 5.000    | ug/L  | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.807 | 152   | 85831    | 5.000    | ug/L  | 0.00     |
|                               |        |       |          |          |       |          |
| System Monitoring Compounds   |        |       |          |          |       |          |
| 4) Vinyl Chloride-d3          | 1.596  | 65    | 70553    | 4.200    | ug/L  | 0.00     |
| Spiked Amount                 | 5.000  | Range | 40 - 130 | Recovery | =     | 84.000%  |
| 7) Chloroethane-d5            | 1.907  | 69    | 62544    | 4.975    | ug/L  | 0.00     |
| Spiked Amount                 | 5.000  | Range | 65 - 130 | Recovery | =     | 99.600%  |
| 11) 1,1-Dichloroethene-d2     | 2.560  | 65    | 30986    | 4.311    | ug/L  | 0.00     |
| Spiked Amount                 | 5.000  | Range | 60 - 125 | Recovery | =     | 86.200%  |
| 20) 2-Butanone-d5             | 4.618  | 46    | 180940   | 54.538   | ug/L  | 0.00     |
| Spiked Amount                 | 50.000 | Range | 40 - 130 | Recovery | =     | 109.080% |
| 24) Chloroform-d              | 5.055  | 84    | 162765   | 5.116    | ug/L  | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =     | 102.400% |
| 26) 1,2-Dichloroethane-d4     | 5.695  | 65    | 81058    | 5.384    | ug/L  | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =     | 107.600% |
| 32) Benzene-d6                | 5.721  | 84    | 295100   | 4.614    | ug/L  | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =     | 92.200%  |
| 36) 1,2-Dichloropropane-d6    | 6.685  | 67    | 97294    | 4.860    | ug/L  | 0.00     |
| Spiked Amount                 | 5.000  | Range | 60 - 140 | Recovery | =     | 97.200%  |
| 41) Toluene-d8                | 7.894  | 98    | 232561   | 4.068    | ug/L  | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =     | 81.400%  |
| 43) trans-1,3-Dichloroprop... | 8.177  | 79    | 33320    | 4.292    | ug/L  | 0.00     |
| Spiked Amount                 | 5.000  | Range | 55 - 130 | Recovery | =     | 85.800%  |
| 46) 2-Hexanone-d5             | 8.627  | 63    | 135857   | 46.399   | ug/L  | 0.00     |
| Spiked Amount                 | 50.000 | Range | 45 - 130 | Recovery | =     | 92.800%  |
| 56) 1,1,2,2-Tetrachloroeth... | 10.749 | 84    | 73495    | 5.074    | ug/L  | 0.00     |
| Spiked Amount                 | 5.000  | Range | 65 - 120 | Recovery | =     | 101.400% |
| 66) 1,2-Dichlorobenzene-d4    | 12.190 | 152   | 84388    | 5.002    | ug/L  | 0.00     |
| Spiked Amount                 | 5.000  | Range | 80 - 120 | Recovery | =     | 100.000% |
|                               |        |       |          |          |       |          |
| Target Compounds              |        |       |          |          |       | Qvalue   |
| 47) Tetrachloroethene         | 8.550  | 164   | 16462    | 1.183    | ug/L  | 90       |
| -----                         |        |       |          |          |       |          |

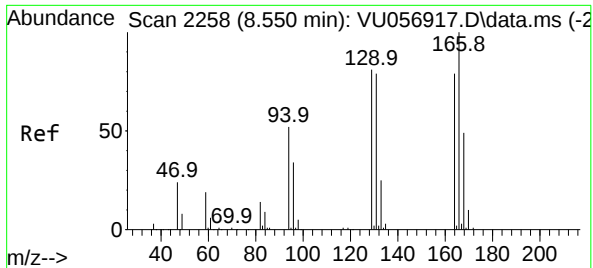
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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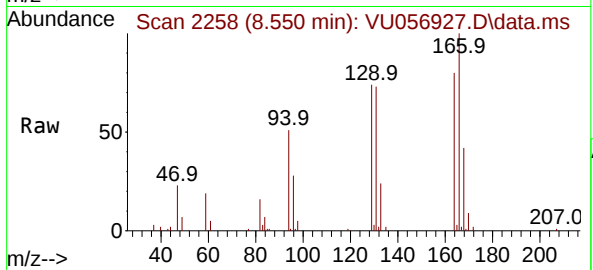
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#47  
 Tetrachloroethene  
 Concen: 1.183 ug/L  
 RT: 8.550 min Scan# 21  
 Delta R.T. -0.000 min  
 Lab File: VU056927.D  
 Acq: 16 Dec 2023 15:13

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|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 164   | Resp: | 16462 |
| Ion      | Ratio | Lower | Upper |
| 164      | 100   |       |       |
| 129      | 91.9  | 73.4  | 136.4 |
| 131      | 90.7  | 71.5  | 132.9 |
| 166      | 124.9 | 92.7  | 172.1 |

