

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU100622\  
 Data File : VU051182.D  
 Acq On : 06 Oct 2022 19:19  
 Operator : JC/MD  
 Sample : N4893-12  
 Misc : 5.0mL/MSVOA\_U/WATER  
 ALS Vial : 20 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 F5J13

Quant Time: Oct 07 01:34:14 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\SFAMULM092922WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Fri Oct 07 01:29:24 2022  
 Response via : Initial Calibration

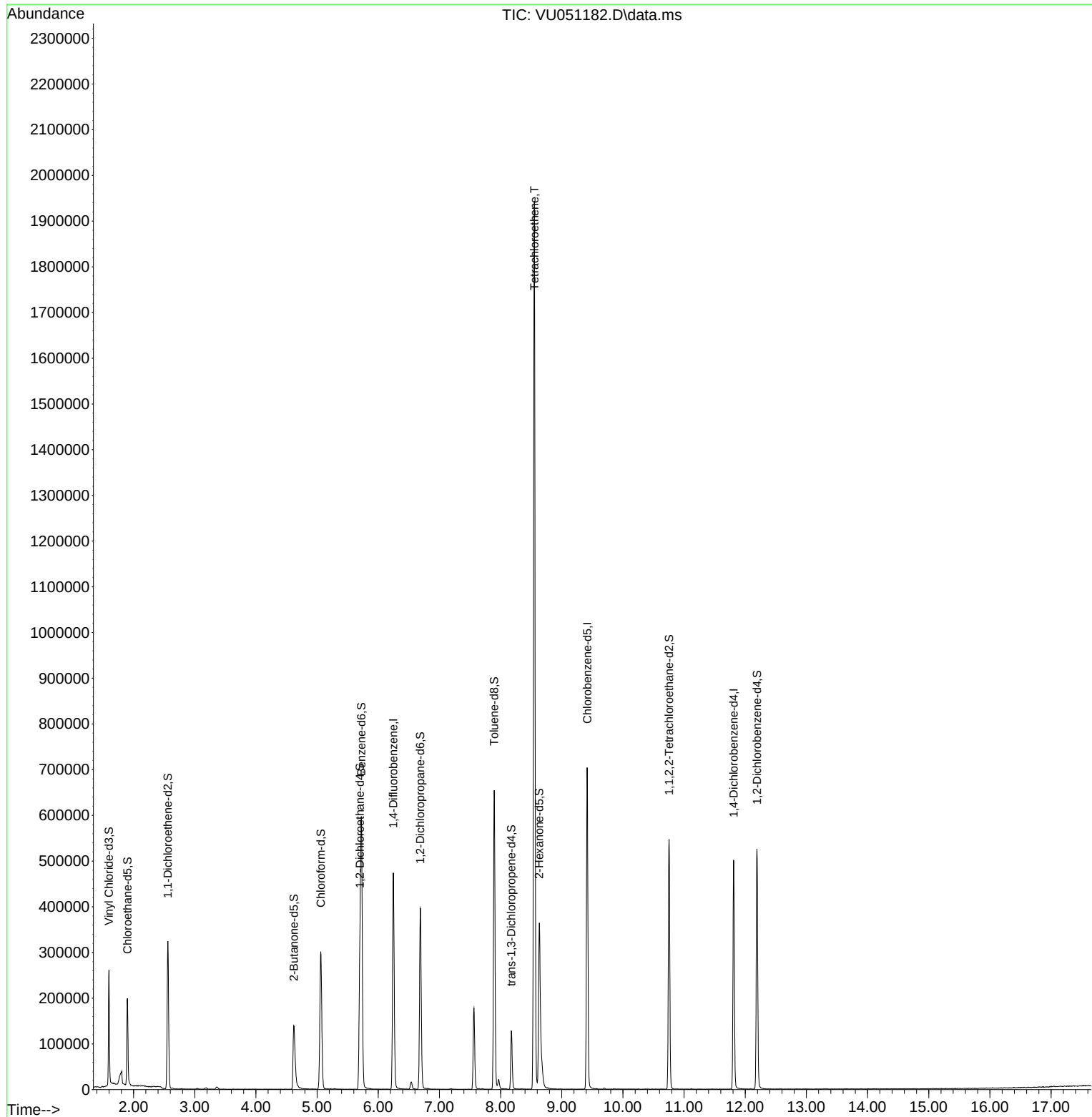
| Compound                      | R.T.    | QIon  | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|---------|-------|----------|----------|--------|----------|
| -----                         |         |       |          |          |        |          |
| Internal Standards            |         |       |          |          |        |          |
| 1) 1,4-Difluorobenzene        | 6.247   | 114   | 372631   | 50.000   | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 9.417   | 117   | 398063   | 50.000   | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.812  | 152   | 133349   | 50.000   | ug/L   | 0.00     |
| System Monitoring Compounds   |         |       |          |          |        |          |
| 4) Vinyl Chloride-d3          | 1.597   | 65    | 171948   | 45.532   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 60 - 135 | Recovery | =      | 91.060%  |
| 7) Chloroethane-d5            | 1.900   | 69    | 146658   | 41.807   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 70 - 130 | Recovery | =      | 83.620%  |
| 11) 1,1-Dichloroethene-d2     | 2.559   | 63    | 195096   | 34.974   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 60 - 125 | Recovery | =      | 69.940%  |
| 21) 2-Butanone-d5             | 4.620   | 46    | 197114   | 80.477   | ug/L   | 0.00     |
| Spiked Amount                 | 100.000 | Range | 40 - 130 | Recovery | =      | 80.480%  |
| 24) Chloroform-d              | 5.060   | 84    | 283602   | 46.612   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 70 - 125 | Recovery | =      | 93.220%  |
| 26) 1,2-Dichloroethane-d4     | 5.700   | 65    | 183781   | 48.801   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 70 - 125 | Recovery | =      | 97.600%  |
| 32) Benzene-d6                | 5.726   | 84    | 558484   | 47.911   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 70 - 125 | Recovery | =      | 95.820%  |
| 36) 1,2-Dichloropropane-d6    | 6.687   | 67    | 192245   | 50.824   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 70 - 120 | Recovery | =      | 101.640% |
| 41) Toluene-d8                | 7.896   | 98    | 442369   | 41.074   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 80 - 120 | Recovery | =      | 82.140%  |
| 43) trans-1,3-Dichloroprop... | 8.176   | 79    | 70269    | 38.949   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 60 - 125 | Recovery | =      | 77.900%  |
| 47) 2-Hexanone-d5             | 8.632   | 63    | 100587   | 65.858   | ug/L   | 0.00     |
| Spiked Amount                 | 100.000 | Range | 45 - 130 | Recovery | =      | 65.860%  |
| 56) 1,1,2,2-Tetrachloroeth... | 10.754  | 84    | 282679   | 42.761   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 65 - 120 | Recovery | =      | 85.520%  |
| 66) 1,2-Dichlorobenzene-d4    | 12.192  | 152   | 140626   | 49.365   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 80 - 120 | Recovery | =      | 98.720%  |
| Target Compounds              |         |       |          |          |        |          |
|                               |         |       |          |          | Qvalue |          |
| 46) Tetrachloroethene         | 8.552   | 164   | 423811   | 177.918  | ug/L   | 97       |
| -----                         |         |       |          |          |        |          |

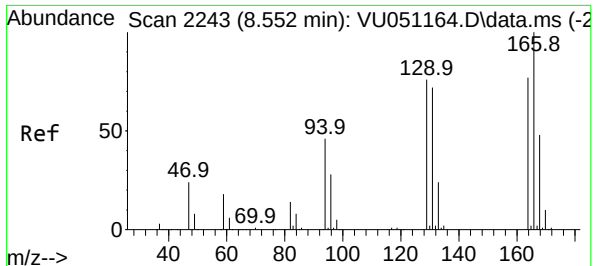
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#46  
Tetrachloroethene  
Concen: 177.918 ug/L  
RT: 8.552 min Scan# 21  
Delta R.T. -0.000 min  
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Tgt Ion:164 Resp: 423811  
Ion Ratio Lower Upper  
164 100  
129 97.5 68.1 126.5  
131 92.3 67.8 126.0  
166 126.1 90.5 168.1

