

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU051222\  
 Data File : VU048538.D  
 Acq On : 12 May 2022 13:52  
 Operator : SY/MD  
 Sample : N2801-05  
 Misc : 5.0mL/MSVOA\_U/WATER  
 ALS Vial : 11 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 EXLB8

Quant Time: May 13 03:58:31 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\SFAMULM050622WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Fri May 13 03:54:05 2022  
 Response via : Initial Calibration

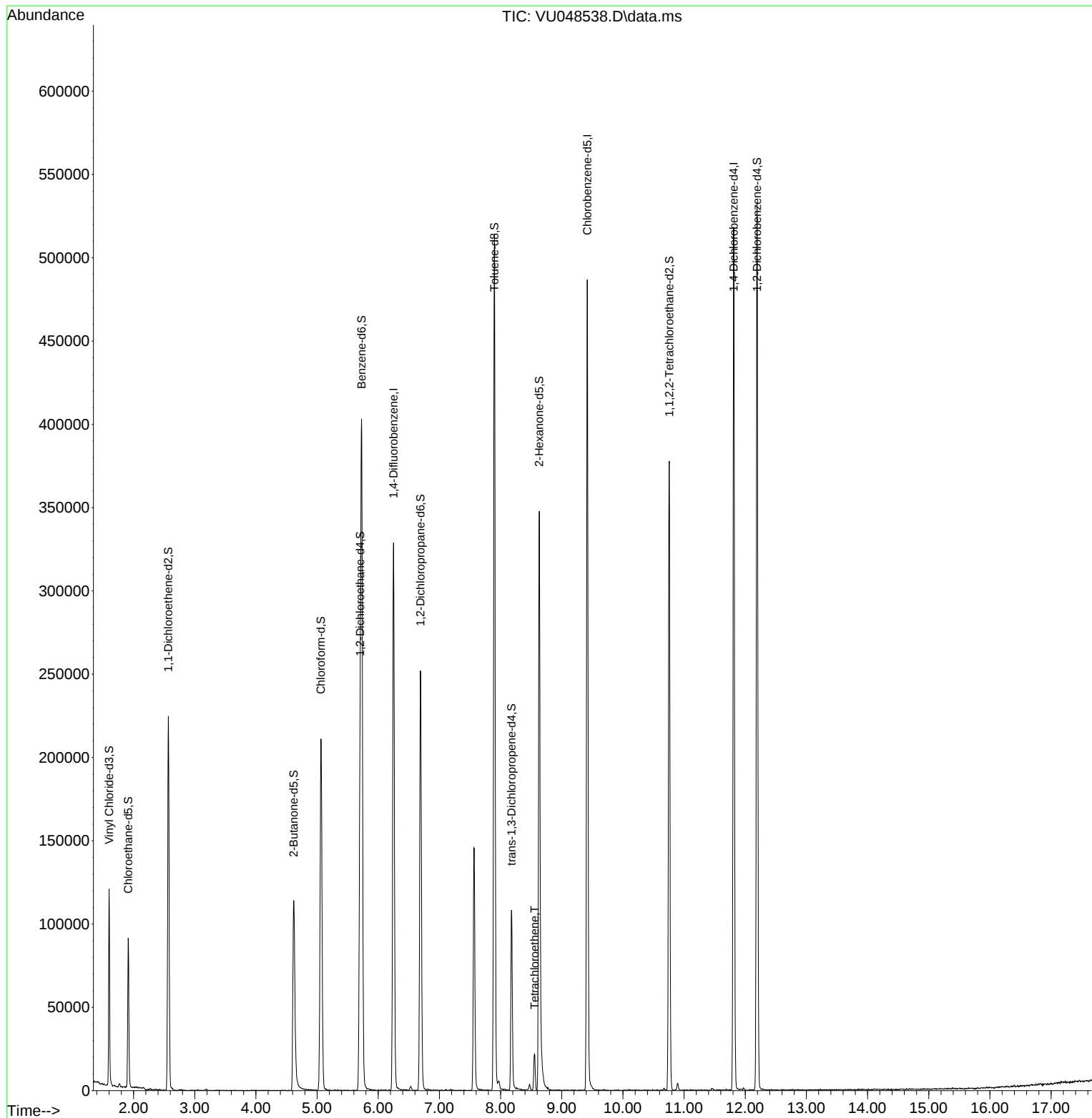
| Compound                      | R.T.    | QIon  | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|---------|-------|----------|----------|--------|----------|
| -----                         |         |       |          |          |        |          |
| Internal Standards            |         |       |          |          |        |          |
| 1) 1,4-Difluorobenzene        | 6.250   | 114   | 268563   | 50.000   | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 9.417   | 117   | 269238   | 50.000   | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.812  | 152   | 138469   | 50.000   | ug/L   | 0.00     |
| System Monitoring Compounds   |         |       |          |          |        |          |
| 4) Vinyl Chloride-d3          | 1.600   | 65    | 79927    | 34.557   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 60 - 135 | Recovery | =      | 69.120%  |
| 7) Chloroethane-d5            | 1.912   | 69    | 63876    | 42.316   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 70 - 130 | Recovery | =      | 84.640%  |
| 11) 1,1-Dichloroethene-d2     | 2.568   | 63    | 131510   | 31.948   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 60 - 125 | Recovery | =      | 63.900%  |
| 21) 2-Butanone-d5             | 4.616   | 46    | 163805   | 83.160   | ug/L   | 0.00     |
| Spiked Amount                 | 100.000 | Range | 40 - 130 | Recovery | =      | 83.160%  |
| 24) Chloroform-d              | 5.063   | 84    | 201514   | 50.161   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 70 - 125 | Recovery | =      | 100.320% |
| 26) 1,2-Dichloroethane-d4     | 5.703   | 65    | 144050   | 55.161   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 70 - 125 | Recovery | =      | 110.320% |
| 32) Benzene-d6                | 5.729   | 84    | 369960   | 45.219   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 70 - 125 | Recovery | =      | 90.440%  |
| 36) 1,2-Dichloropropane-d6    | 6.690   | 67    | 114433   | 42.891   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 70 - 120 | Recovery | =      | 85.780%  |
| 41) Toluene-d8                | 7.899   | 98    | 338032   | 46.716   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 80 - 120 | Recovery | =      | 93.440%  |
| 43) trans-1,3-Dichloroprop... | 8.179   | 79    | 61915    | 50.420   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 60 - 125 | Recovery | =      | 100.840% |
| 47) 2-Hexanone-d5             | 8.632   | 63    | 115345   | 89.322   | ug/L   | 0.00     |
| Spiked Amount                 | 100.000 | Range | 45 - 130 | Recovery | =      | 89.320%  |
| 56) 1,1,2,2-Tetrachloroeth... | 10.758  | 84    | 178941   | 44.031   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 65 - 120 | Recovery | =      | 88.060%  |
| 66) 1,2-Dichlorobenzene-d4    | 12.192  | 152   | 142786   | 52.076   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 80 - 120 | Recovery | =      | 104.160% |
| Target Compounds              |         |       |          |          |        |          |
|                               |         |       |          |          | Qvalue |          |
| 46) Tetrachloroethene         | 8.555   | 164   | 5179     | 3.025    | ug/L   | 91       |
| -----                         |         |       |          |          |        |          |

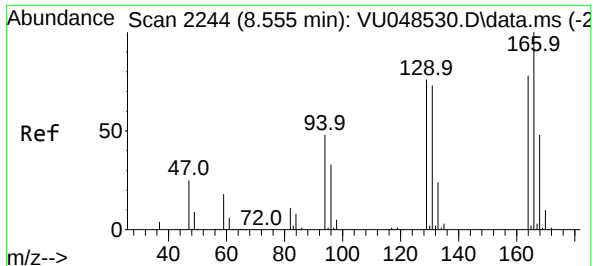
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#46  
 Tetrachloroethene  
 Concen: 3.025 ug/L  
 RT: 8.555 min Scan# 21  
 Delta R.T. 0.000 min  
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|             |       |             |
|-------------|-------|-------------|
| Tgt Ion:164 | Resp: | 5179        |
| Ion         | Ratio | Lower Upper |
| 164         | 100   |             |
| 129         | 88.3  | 69.2 128.6  |
| 131         | 99.4  | 65.2 121.0  |
| 166         | 114.1 | 86.6 160.8  |

