

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VV060421\  
 Data File : VV021512.D  
 Acq On : 04 Jun 2021 17:17  
 Operator : SY/MD  
 Sample : M2605-13 100X  
 Misc : 5.0mL/MSVOA\_V/WATER  
 ALS Vial : 21 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 BG7K5

Quant Time: Jun 05 03:59:30 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVLM052721WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Sat Jun 05 03:34:55 2021  
 Response via : Initial Calibration

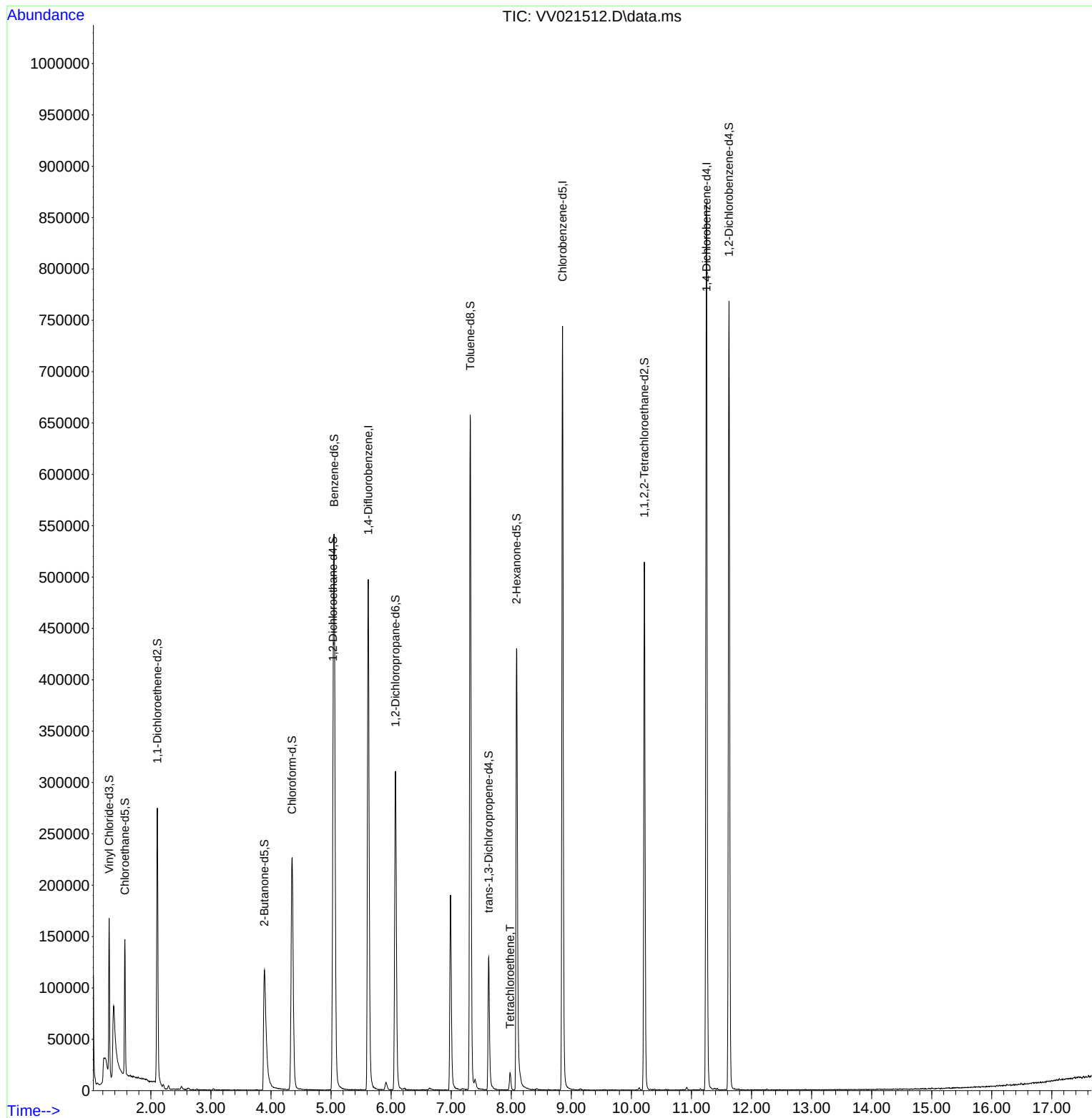
| Compound                      | R.T.           | QIon | Response   | Conc     | Units | Dev(Min) |
|-------------------------------|----------------|------|------------|----------|-------|----------|
| -----                         |                |      |            |          |       |          |
| Internal Standards            |                |      |            |          |       |          |
| 1) 1,4-Difluorobenzene        | 5.619          | 114  | 460967     | 50.000   | ug/L  | 0.00     |
| 28) Chlorobenzene-d5          | 8.854          | 117  | 436049     | 50.000   | ug/L  | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.249         | 152  | 246701     | 50.000   | ug/L  | 0.00     |
|                               |                |      |            |          |       |          |
| System Monitoring Compounds   |                |      |            |          |       |          |
| 4) Vinyl Chloride-d3          | 1.304          | 65   | 95536      | 31.479   | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 60 - 135 |      | Recovery = | 62.960%  |       |          |
| 7) Chloroethane-d5            | 1.568          | 69   | 83813      | 37.124   | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 70 - 130 |      | Recovery = | 74.240%  |       |          |
| 11) 1,1-Dichloroethene-d2     | 2.108          | 63   | 135251     | 26.080   | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 60 - 125 |      | Recovery = | 52.160%# |       |          |
| 21) 2-Butanone-d5             | 3.889          | 46   | 211827     | 97.334   | ug/L  | 0.00     |
| Spiked Amount 100.000         | Range 40 - 130 |      | Recovery = | 97.330%  |       |          |
| 24) Chloroform-d              | 4.349          | 84   | 245396     | 40.618   | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 70 - 125 |      | Recovery = | 81.240%  |       |          |
| 26) 1,2-Dichloroethane-d4     | 5.034          | 65   | 152189     | 43.735   | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 70 - 125 |      | Recovery = | 87.460%  |       |          |
| 32) Benzene-d6                | 5.053          | 84   | 482922     | 39.589   | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 70 - 125 |      | Recovery = | 79.180%  |       |          |
| 36) 1,2-Dichloropropane-d6    | 6.072          | 67   | 159089     | 42.231   | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 70 - 120 |      | Recovery = | 84.460%  |       |          |
| 41) Toluene-d8                | 7.317          | 98   | 450172     | 38.735   | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 80 - 120 |      | Recovery = | 77.480%# |       |          |
| 43) trans-1,3-Dichloroprop... | 7.625          | 79   | 79169      | 39.270   | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 60 - 125 |      | Recovery = | 78.540%  |       |          |
| 47) 2-Hexanone-d5             | 8.088          | 63   | 165130     | 95.463   | ug/L  | 0.00     |
| Spiked Amount 100.000         | Range 45 - 130 |      | Recovery = | 95.460%  |       |          |
| 56) 1,1,2,2-Tetrachloroeth... | 10.217         | 84   | 240663     | 46.023   | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 65 - 120 |      | Recovery = | 92.040%  |       |          |
| 66) 1,2-Dichlorobenzene-d4    | 11.625         | 152  | 217943     | 42.498   | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 80 - 120 |      | Recovery = | 85.000%  |       |          |
|                               |                |      |            |          |       |          |
| Target Compounds              |                |      |            |          |       | Qvalue   |
| 46) Tetrachloroethene         | 7.982          | 164  | 4446       | 1.425    | ug/L  | 86       |
| -----                         |                |      |            |          |       |          |

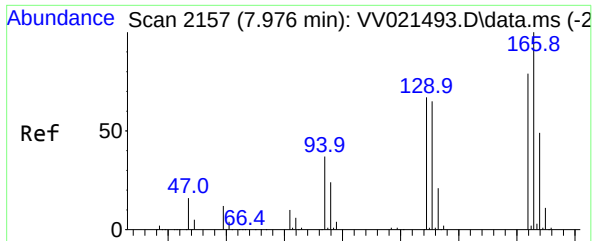
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#46  
Tetrachloroethene  
Concen: 1.425 ug/L  
RT: 7.982 min Scan# 2159  
Delta R.T. 0.006 min  
Lab File: VV021512.D  
Acq: 04 Jun 2021 17:17

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Tgt Ion:164 Resp: 4446

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 164 | 100   |       |       |
| 129 | 78.9  | 60.5  | 112.3 |
| 131 | 74.4  | 58.7  | 108.9 |
| 166 | 103.6 | 88.1  | 163.5 |

