

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW050522\  
 Data File : VW022866.D  
 Acq On : 06 May 2022 01:59  
 Operator : SY/VA  
 Sample : N2709-01  
 Misc : 5.38g/10mL/MSVOA\_W/SOIL  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 EXL50

Quant Time: May 06 02:58:35 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM050222SMA.M  
 Quant Title : SFAM01.0  
 QLast Update : Fri May 06 02:14:27 2022  
 Response via : Initial Calibration

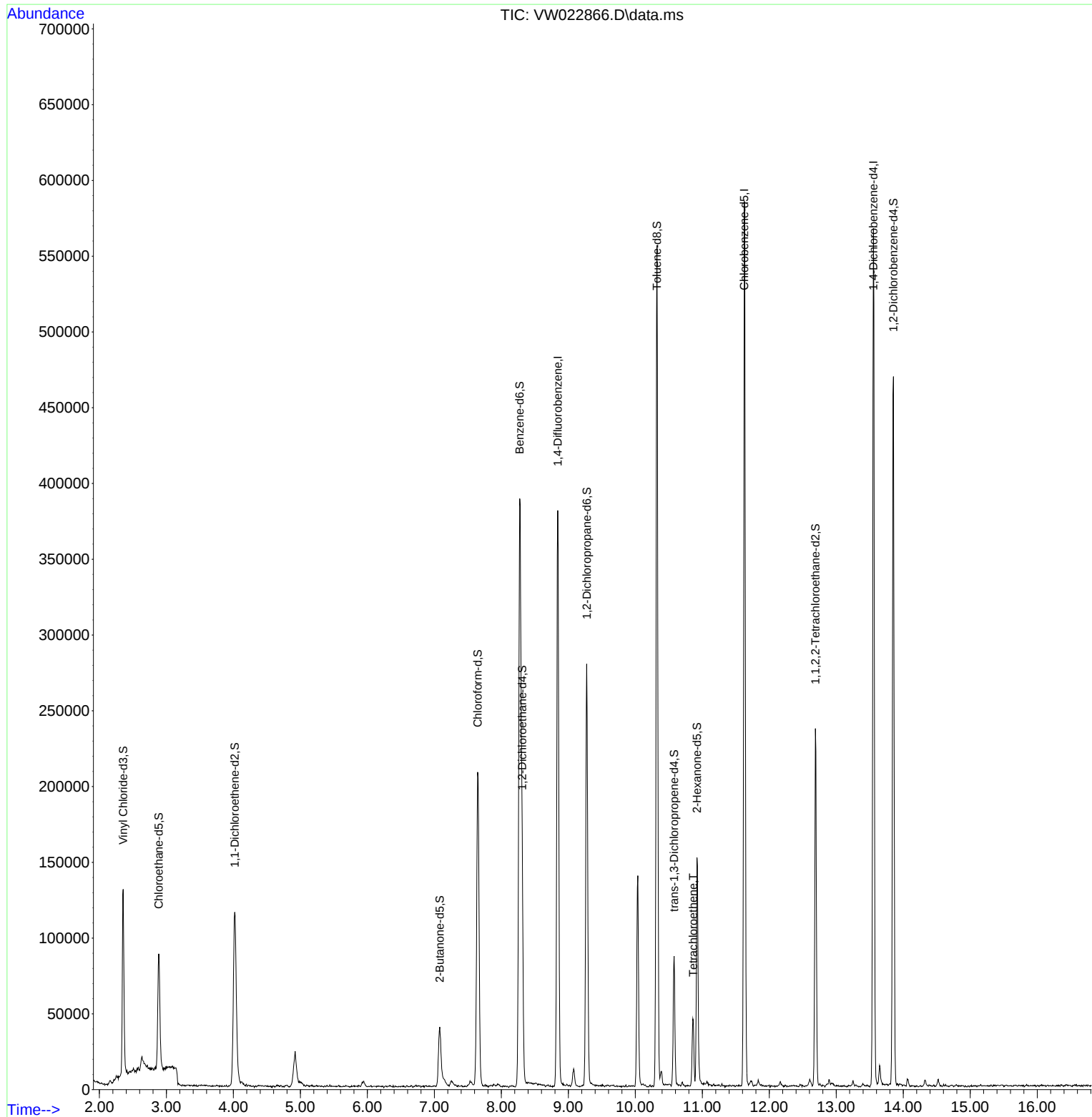
| Compound                      | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|--------|-------|----------|----------|--------|----------|
| -----                         |        |       |          |          |        |          |
| Internal Standards            |        |       |          |          |        |          |
| 1) 1,4-Difluorobenzene        | 8.842  | 114   | 317406   | 25.000   | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 11.628 | 117   | 302961   | 25.000   | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 13.554 | 152   | 141174   | 25.000   | ug/L   | 0.00     |
| System Monitoring Compounds   |        |       |          |          |        |          |
| 4) Vinyl Chloride-d3          | 2.355  | 65    | 123596   | 18.980   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 150 | Recovery | =      | 75.920%  |
| 7) Chloroethane-d5            | 2.885  | 69    | 90876    | 21.450   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 150 | Recovery | =      | 85.800%  |
| 11) 1,1-Dichloroethene-d2     | 4.019  | 63    | 115406   | 13.715   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 45 - 110 | Recovery | =      | 54.880%  |
| 21) 2-Butanone-d5             | 7.080  | 46    | 63088    | 50.954   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 20 - 135 | Recovery | =      | 101.900% |
| 24) Chloroform-d              | 7.647  | 84    | 208759   | 22.449   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 40 - 150 | Recovery | =      | 89.800%  |
| 26) 1,2-Dichloroethane-d4     | 8.311  | 65    | 121966   | 23.914   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 70 - 130 | Recovery | =      | 95.640%  |
| 32) Benzene-d6                | 8.275  | 84    | 398506   | 22.821   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 20 - 135 | Recovery | =      | 91.280%  |
| 36) 1,2-Dichloropropane-d6    | 9.274  | 67    | 120300   | 24.525   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 70 - 120 | Recovery | =      | 98.080%  |
| 41) Toluene-d8                | 10.323 | 98    | 367467   | 21.784   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 130 | Recovery | =      | 87.120%  |
| 43) trans-1,3-Dichloroprop... | 10.579 | 79    | 46047    | 20.388   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 135 | Recovery | =      | 81.560%  |
| 47) 2-Hexanone-d5             | 10.921 | 63    | 51311    | 54.796   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 20 - 135 | Recovery | =      | 109.600% |
| 56) 1,1,2,2-Tetrachloroeth... | 12.688 | 84    | 109857   | 24.028   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 45 - 120 | Recovery | =      | 96.120%  |
| 66) 1,2-Dichlorobenzene-d4    | 13.853 | 152   | 116482   | 23.603   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 75 - 120 | Recovery | =      | 94.400%  |
| Target Compounds              |        |       |          |          |        |          |
|                               |        |       |          |          | Qvalue |          |
| 46) Tetrachloroethene         | 10.866 | 164   | 9009     | 2.442    | ug/L   | 91       |
| -----                         |        |       |          |          |        |          |

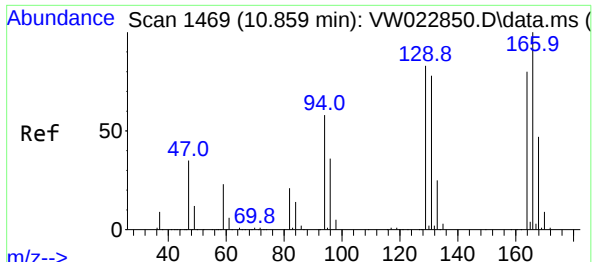
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#46  
 Tetrachloroethene  
 Concen: 2.442 ug/L  
 RT: 10.866 min Scan# 14  
 Delta R.T. 0.006 min  
 Lab File: VW022866.D  
 Acq: 06 May 2022 01:59

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Tgt Ion:164 Resp: 9009

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 164 | 100   |       |       |
| 129 | 95.9  | 76.9  | 142.7 |
| 131 | 101.3 | 75.1  | 139.5 |
| 166 | 126.1 | 96.0  | 178.2 |

