

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW050622\  
 Data File : VW022889.D  
 Acq On : 06 May 2022 14:54  
 Operator : SY/VA  
 Sample : N2709-14  
 Misc : 5.36g/10mL/MSVOA\_W/SOIL  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :

Quant Time: May 07 00:05:42 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM050222SMA.M  
 Quant Title : SFAM01.0  
 QLast Update : Sat May 07 00:02:41 2022  
 Response via : Initial Calibration

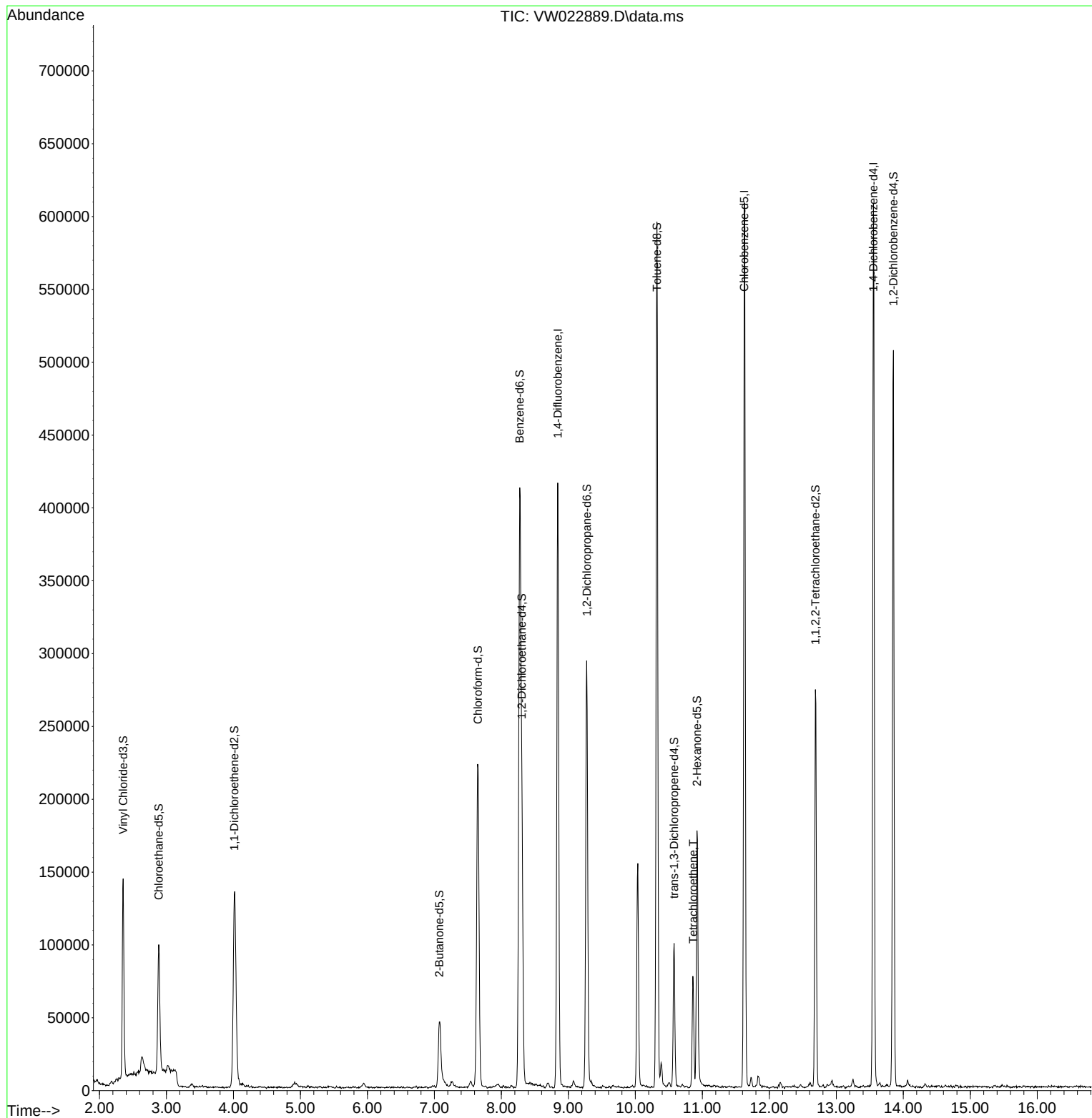
| Compound                      | R.T.   | QIon  | Response | Conc     | Units | Dev(Min) |
|-------------------------------|--------|-------|----------|----------|-------|----------|
| -----                         |        |       |          |          |       |          |
| Internal Standards            |        |       |          |          |       |          |
| 1) 1,4-Difluorobenzene        | 8.841  | 114   | 333276   | 25.000   | ug/L  | 0.00     |
| 28) Chlorobenzene-d5          | 11.628 | 117   | 327418   | 25.000   | ug/L  | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 13.554 | 152   | 151077   | 25.000   | ug/L  | 0.00     |
|                               |        |       |          |          |       |          |
| System Monitoring Compounds   |        |       |          |          |       |          |
| 4) Vinyl Chloride-d3          | 2.355  | 65    | 132030   | 19.309   | ug/L  | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 150 | Recovery | =     | 77.240%  |
| 7) Chloroethane-d5            | 2.885  | 69    | 102769   | 23.102   | ug/L  | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 150 | Recovery | =     | 92.400%  |
| 11) 1,1-Dichloroethene-d2     | 4.013  | 63    | 131730   | 14.910   | ug/L  | 0.00     |
| Spiked Amount                 | 25.000 | Range | 45 - 110 | Recovery | =     | 59.640%  |
| 21) 2-Butanone-d5             | 7.074  | 46    | 76960    | 59.198   | ug/L  | 0.00     |
| Spiked Amount                 | 50.000 | Range | 20 - 135 | Recovery | =     | 118.400% |
| 24) Chloroform-d              | 7.653  | 84    | 226985   | 23.247   | ug/L  | 0.00     |
| Spiked Amount                 | 25.000 | Range | 40 - 150 | Recovery | =     | 93.000%  |
| 26) 1,2-Dichloroethane-d4     | 8.305  | 65    | 135157   | 25.238   | ug/L  | 0.00     |
| Spiked Amount                 | 25.000 | Range | 70 - 130 | Recovery | =     | 100.960% |
| 32) Benzene-d6                | 8.275  | 84    | 422576   | 22.392   | ug/L  | 0.00     |
| Spiked Amount                 | 25.000 | Range | 20 - 135 | Recovery | =     | 89.560%  |
| 36) 1,2-Dichloropropane-d6    | 9.274  | 67    | 129969   | 24.517   | ug/L  | 0.00     |
| Spiked Amount                 | 25.000 | Range | 70 - 120 | Recovery | =     | 98.080%  |
| 41) Toluene-d8                | 10.323 | 98    | 390013   | 21.393   | ug/L  | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 130 | Recovery | =     | 85.560%  |
| 43) trans-1,3-Dichloroprop... | 10.579 | 79    | 53172    | 21.784   | ug/L  | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 135 | Recovery | =     | 87.120%  |
| 47) 2-Hexanone-d5             | 10.920 | 63    | 60910    | 60.188   | ug/L  | 0.00     |
| Spiked Amount                 | 50.000 | Range | 20 - 135 | Recovery | =     | 120.380% |
| 56) 1,1,2,2-Tetrachloroeth... | 12.688 | 84    | 130808   | 26.473   | ug/L  | 0.00     |
| Spiked Amount                 | 25.000 | Range | 45 - 120 | Recovery | =     | 105.880% |
| 66) 1,2-Dichlorobenzene-d4    | 13.853 | 152   | 121247   | 22.958   | ug/L  | 0.00     |
| Spiked Amount                 | 25.000 | Range | 75 - 120 | Recovery | =     | 91.840%  |
|                               |        |       |          |          |       |          |
| Target Compounds              |        |       |          |          |       | Qvalue   |
| 46) Tetrachloroethene         | 10.866 | 164   | 14789    | 3.710    | ug/L  | 88       |
| -----                         |        |       |          |          |       |          |

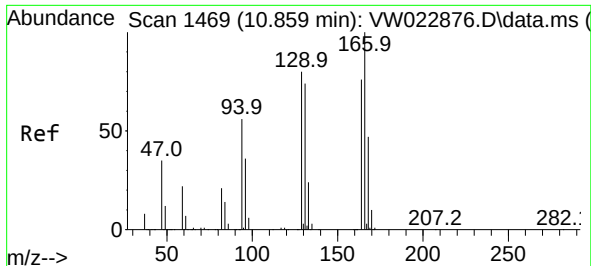
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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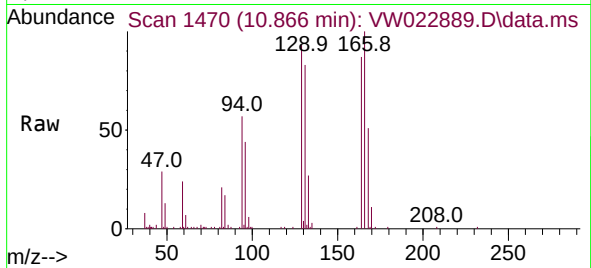
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Quant Title : SFAM01.0  
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#46  
Tetrachloroethene  
Concen: 3.710 ug/L  
RT: 10.866 min Scan# 14  
Delta R.T. 0.006 min  
Lab File: VW022889.D  
Acq: 06 May 2022 14:54

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ClientSampleId :



|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 164   | Resp: | 14789 |
| Ion      | Ratio | Lower | Upper |
| 164      | 100   |       |       |
| 129      | 106.2 | 76.9  | 142.7 |
| 131      | 95.2  | 75.1  | 139.5 |
| 166      | 114.5 | 96.0  | 178.2 |

