

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW120921\  
 Data File : VW021260.D  
 Acq On : 09 Dec 2021 22:59  
 Operator : SY/VA  
 Sample : M4975-01  
 Misc : 5.48g/10.0mL/MSVOA\_W/SOIL  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 BGKS5

Quant Time: Dec 10 00:34:36 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM120921SMA.M  
 Quant Title : SFAM01.0  
 QLast Update : Fri Dec 10 00:28:10 2021  
 Response via : Initial Calibration

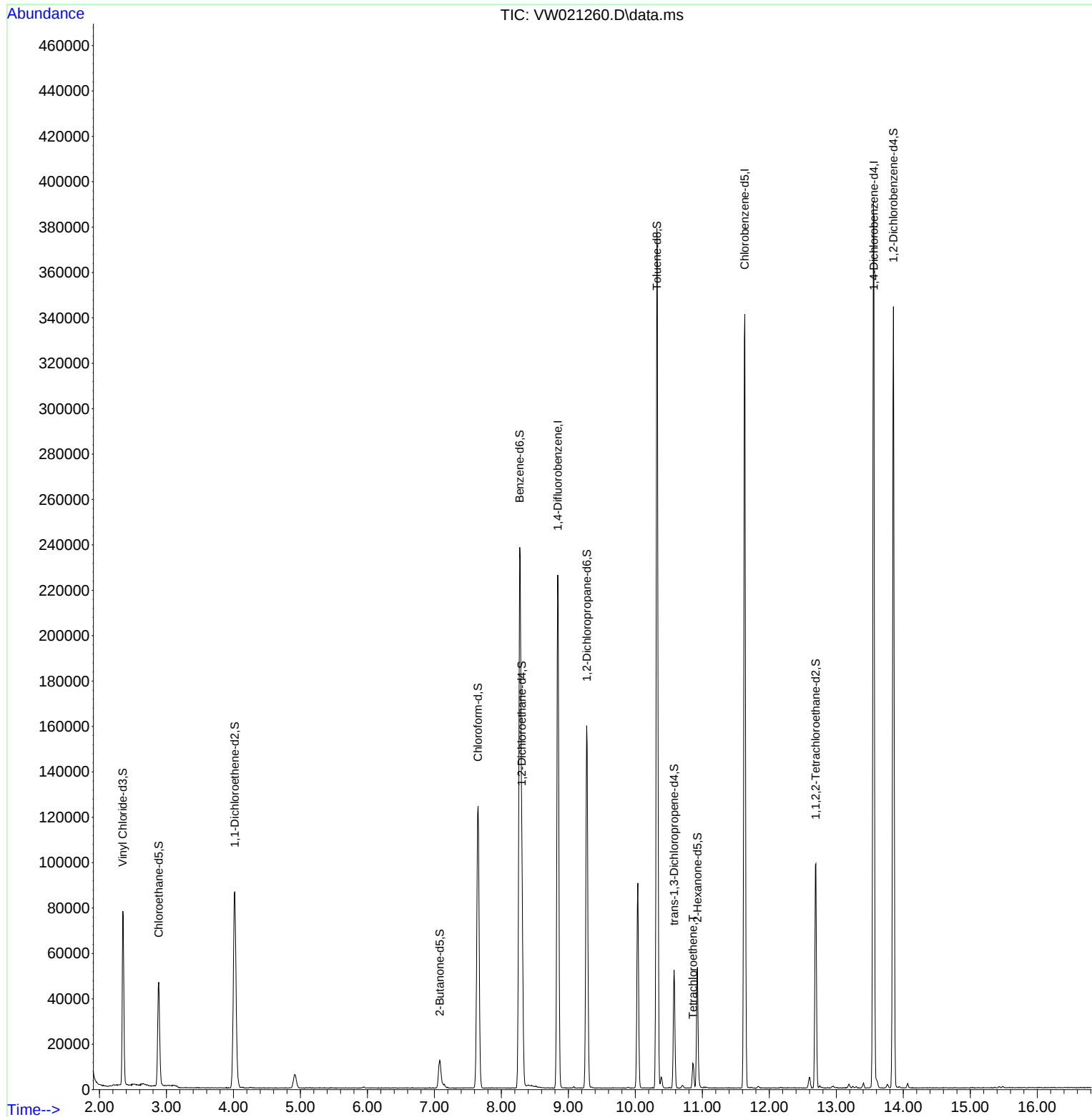
| Compound                      | R.T.   | QIon  | Response | Conc     | Units | Dev(Min) |
|-------------------------------|--------|-------|----------|----------|-------|----------|
| -----                         |        |       |          |          |       |          |
| Internal Standards            |        |       |          |          |       |          |
| 1) 1,4-Difluorobenzene        | 8.841  | 114   | 195481   | 25.000   | ug/L  | # 0.00   |
| 28) Chlorobenzene-d5          | 11.634 | 117   | 189255   | 25.000   | ug/L  | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 13.560 | 152   | 103186   | 25.000   | ug/L  | 0.00     |
|                               |        |       |          |          |       |          |
| System Monitoring Compounds   |        |       |          |          |       |          |
| 4) Vinyl Chloride-d3          | 2.349  | 65    | 74191    | 20.839   | ug/L  | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 150 | Recovery | =     | 83.360%  |
| 7) Chloroethane-d5            | 2.885  | 69    | 53801    | 22.859   | ug/L  | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 150 | Recovery | =     | 91.440%  |
| 11) 1,1-Dichloroethene-d2     | 4.019  | 63    | 80158    | 16.888   | ug/L  | 0.00     |
| Spiked Amount                 | 25.000 | Range | 45 - 110 | Recovery | =     | 67.560%  |
| 21) 2-Butanone-d5             | 7.080  | 46    | 20492    | 40.833   | ug/L  | 0.00     |
| Spiked Amount                 | 50.000 | Range | 20 - 135 | Recovery | =     | 81.660%  |
| 24) Chloroform-d              | 7.653  | 84    | 125985   | 23.127   | ug/L  | 0.00     |
| Spiked Amount                 | 25.000 | Range | 40 - 150 | Recovery | =     | 92.520%  |
| 26) 1,2-Dichloroethane-d4     | 8.305  | 65    | 62575    | 21.594   | ug/L  | 0.00     |
| Spiked Amount                 | 25.000 | Range | 70 - 130 | Recovery | =     | 86.360%  |
| 32) Benzene-d6                | 8.274  | 84    | 242718   | 23.397   | ug/L  | 0.00     |
| Spiked Amount                 | 25.000 | Range | 20 - 135 | Recovery | =     | 93.600%  |
| 36) 1,2-Dichloropropane-d6    | 9.274  | 67    | 67279    | 24.183   | ug/L  | 0.00     |
| Spiked Amount                 | 25.000 | Range | 70 - 120 | Recovery | =     | 96.720%  |
| 41) Toluene-d8                | 10.323 | 98    | 246655   | 23.271   | ug/L  | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 130 | Recovery | =     | 93.080%  |
| 43) trans-1,3-Dichloroprop... | 10.579 | 79    | 27191    | 21.226   | ug/L  | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 135 | Recovery | =     | 84.920%  |
| 47) 2-Hexanone-d5             | 10.926 | 63    | 17186    | 41.775   | ug/L  | 0.00     |
| Spiked Amount                 | 50.000 | Range | 20 - 135 | Recovery | =     | 83.540%  |
| 56) 1,1,2,2-Tetrachloroeth... | 12.694 | 84    | 45472    | 19.013   | ug/L  | 0.00     |
| Spiked Amount                 | 25.000 | Range | 45 - 120 | Recovery | =     | 76.040%  |
| 66) 1,2-Dichlorobenzene-d4    | 13.853 | 152   | 90000    | 22.505   | ug/L  | 0.00     |
| Spiked Amount                 | 25.000 | Range | 75 - 120 | Recovery | =     | 90.040%  |
|                               |        |       |          |          |       |          |
| Target Compounds              |        |       |          |          |       | Qvalue   |
| 46) Tetrachloroethene         | 10.859 | 164   | 2555     | 0.929    | ug/L  | 89       |
| -----                         |        |       |          |          |       |          |

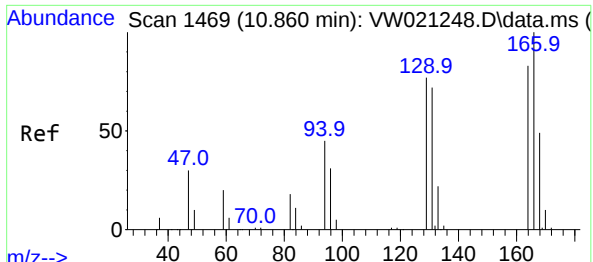
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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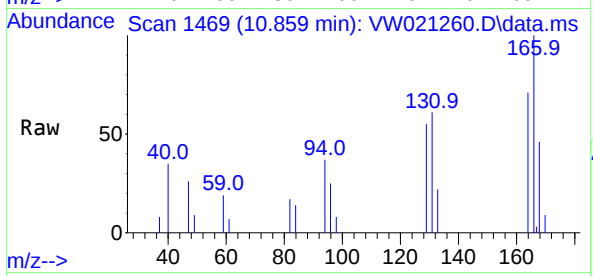
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#46  
 Tetrachloroethene  
 Concen: 0.929 ug/L  
 RT: 10.859 min Scan# 14  
 Delta R.T. -0.000 min  
 Lab File: VW021260.D  
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Tgt Ion:164 Resp: 2555

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 164 | 100   |       |       |
| 129 | 77.6  | 65.5  | 121.7 |
| 131 | 86.5  | 59.7  | 110.9 |
| 166 | 141.4 | 88.7  | 164.7 |

