

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU012324\  
 Data File : VU057605.D  
 Acq On : 24 Jan 2024 06:49  
 Operator : MD/SY  
 Sample : P1227-15  
 Misc : 25.0mL/MSVOA\_U/WATER  
 ALS Vial : 46 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 C0B91

Quant Time: Jan 24 07:21:08 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\SFAMUTR012324WMA.M  
 Quant Title : TRACE VOA SFAM1.0  
 QLast Update : Wed Jan 24 01:55:34 2024  
 Response via : Initial Calibration

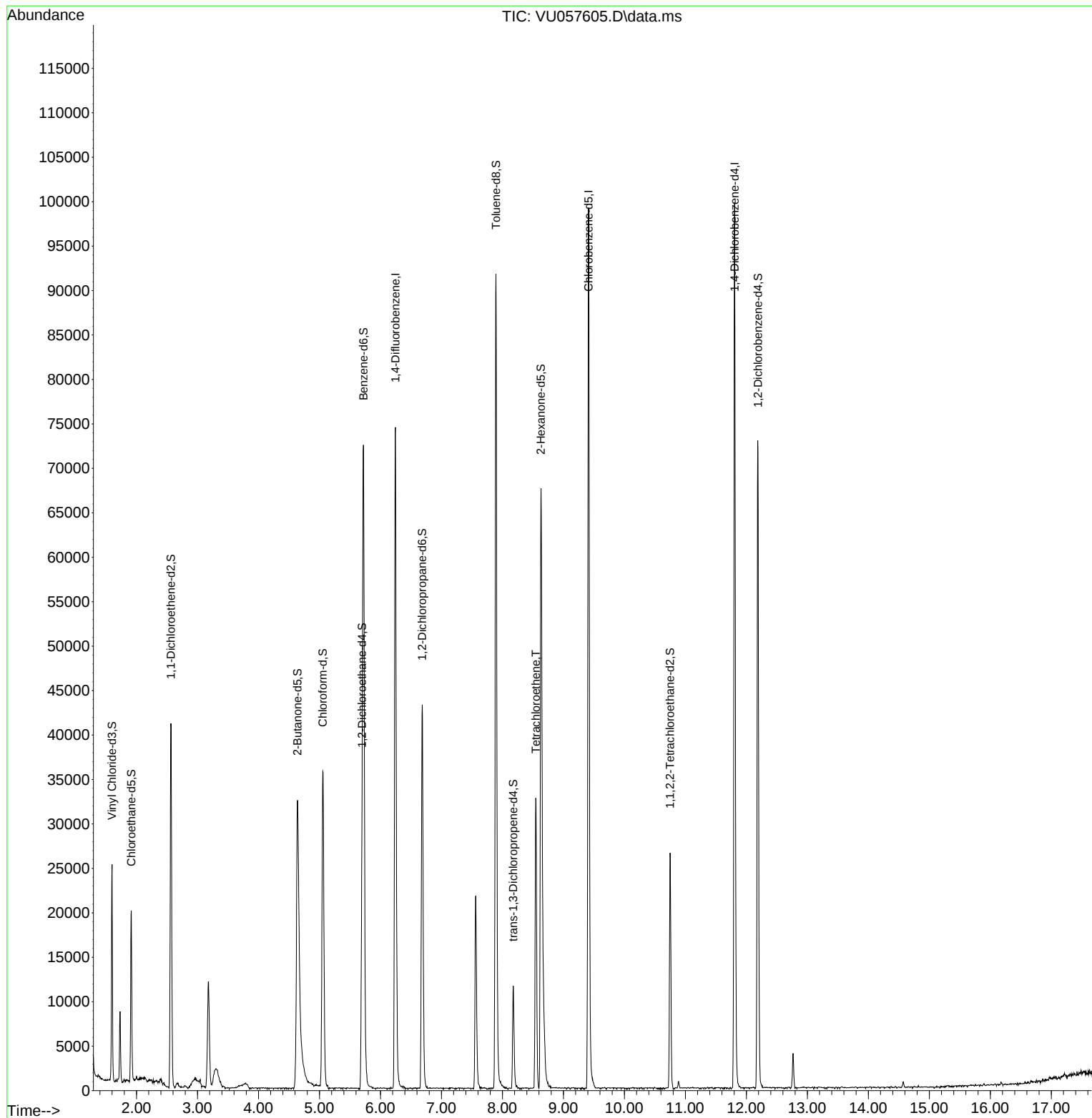
| Compound                      | R.T.   | QIon  | Response | Conc     | Units | Dev(Min) |
|-------------------------------|--------|-------|----------|----------|-------|----------|
| -----                         |        |       |          |          |       |          |
| Internal Standards            |        |       |          |          |       |          |
| 1) 1,4-Difluorobenzene        | 6.245  | 114   | 61398    | 5.000    | ug/L  | 0.00     |
| 28) Chlorobenzene-d5          | 9.412  | 117   | 56391    | 5.000    | ug/L  | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.807 | 152   | 26538    | 5.000    | ug/L  | 0.00     |
|                               |        |       |          |          |       |          |
| System Monitoring Compounds   |        |       |          |          |       |          |
| 4) Vinyl Chloride-d3          | 1.599  | 65    | 16572    | 4.899    | ug/L  | 0.00     |
| Spiked Amount                 | 5.000  | Range | 40 - 130 | Recovery | =     | 98.000%  |
| 7) Chloroethane-d5            | 1.914  | 69    | 14061    | 4.961    | ug/L  | 0.00     |
| Spiked Amount                 | 5.000  | Range | 65 - 130 | Recovery | =     | 99.200%  |
| 11) 1,1-Dichloroethene-d2     | 2.563  | 65    | 7565     | 4.756    | ug/L  | 0.00     |
| Spiked Amount                 | 5.000  | Range | 60 - 125 | Recovery | =     | 95.200%  |
| 20) 2-Butanone-d5             | 4.640  | 46    | 34367    | 53.852   | ug/L  | 0.00     |
| Spiked Amount                 | 50.000 | Range | 40 - 130 | Recovery | =     | 107.700% |
| 24) Chloroform-d              | 5.055  | 84    | 33794    | 4.922    | ug/L  | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =     | 98.400%  |
| 26) 1,2-Dichloroethane-d4     | 5.698  | 65    | 16540    | 5.301    | ug/L  | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =     | 106.000% |
| 32) Benzene-d6                | 5.721  | 84    | 69576    | 5.260    | ug/L  | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =     | 105.200% |
| 36) 1,2-Dichloropropane-d6    | 6.685  | 67    | 20835    | 5.222    | ug/L  | 0.00     |
| Spiked Amount                 | 5.000  | Range | 60 - 140 | Recovery | =     | 104.400% |
| 41) Toluene-d8                | 7.894  | 98    | 63604    | 5.065    | ug/L  | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =     | 101.400% |
| 43) trans-1,3-Dichloroprop... | 8.177  | 79    | 7672     | 4.825    | ug/L  | 0.00     |
| Spiked Amount                 | 5.000  | Range | 55 - 130 | Recovery | =     | 96.400%  |
| 46) 2-Hexanone-d5             | 8.631  | 63    | 23878    | 47.066   | ug/L  | 0.00     |
| Spiked Amount                 | 50.000 | Range | 45 - 130 | Recovery | =     | 94.140%  |
| 56) 1,1,2,2-Tetrachloroeth... | 10.749 | 84    | 13393    | 5.008    | ug/L  | 0.00     |
| Spiked Amount                 | 5.000  | Range | 65 - 120 | Recovery | =     | 100.200% |
| 66) 1,2-Dichlorobenzene-d4    | 12.190 | 152   | 19647    | 5.275    | ug/L  | 0.00     |
| Spiked Amount                 | 5.000  | Range | 80 - 120 | Recovery | =     | 105.600% |
|                               |        |       |          |          |       |          |
| Target Compounds              |        |       |          |          |       | Qvalue   |
| 47) Tetrachloroethene         | 8.547  | 164   | 7116     | 1.816    | ug/L  | 96       |
| -----                         |        |       |          |          |       |          |

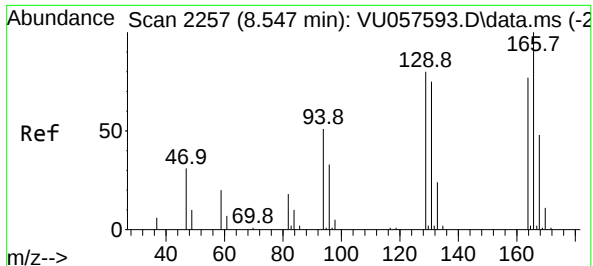
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#47  
Tetrachloroethene  
Concen: 1.816 ug/L  
RT: 8.547 min Scan# 21  
Delta R.T. -0.000 min  
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|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 164   | Resp: | 7116  |
| Ion      | Ratio | Lower | Upper |
| 164      | 100   |       |       |
| 129      | 99.5  | 71.3  | 132.5 |
| 131      | 100.4 | 68.1  | 126.5 |
| 166      | 132.4 | 87.4  | 162.4 |

