

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU122223\  
 Data File : VU057223.D  
 Acq On : 23 Dec 2023 05:27  
 Operator : MD/SY  
 Sample : 05979-04  
 Misc : 25.0mL/MSVOA\_U/WATER  
 ALS Vial : 43 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 BGRQ6

Quant Time: Dec 23 06:09:56 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\SFAMUTR122123WMA.M  
 Quant Title : TRACE VOA SFAM1.0  
 QLast Update : Sat Dec 23 00:27:07 2023  
 Response via : Initial Calibration

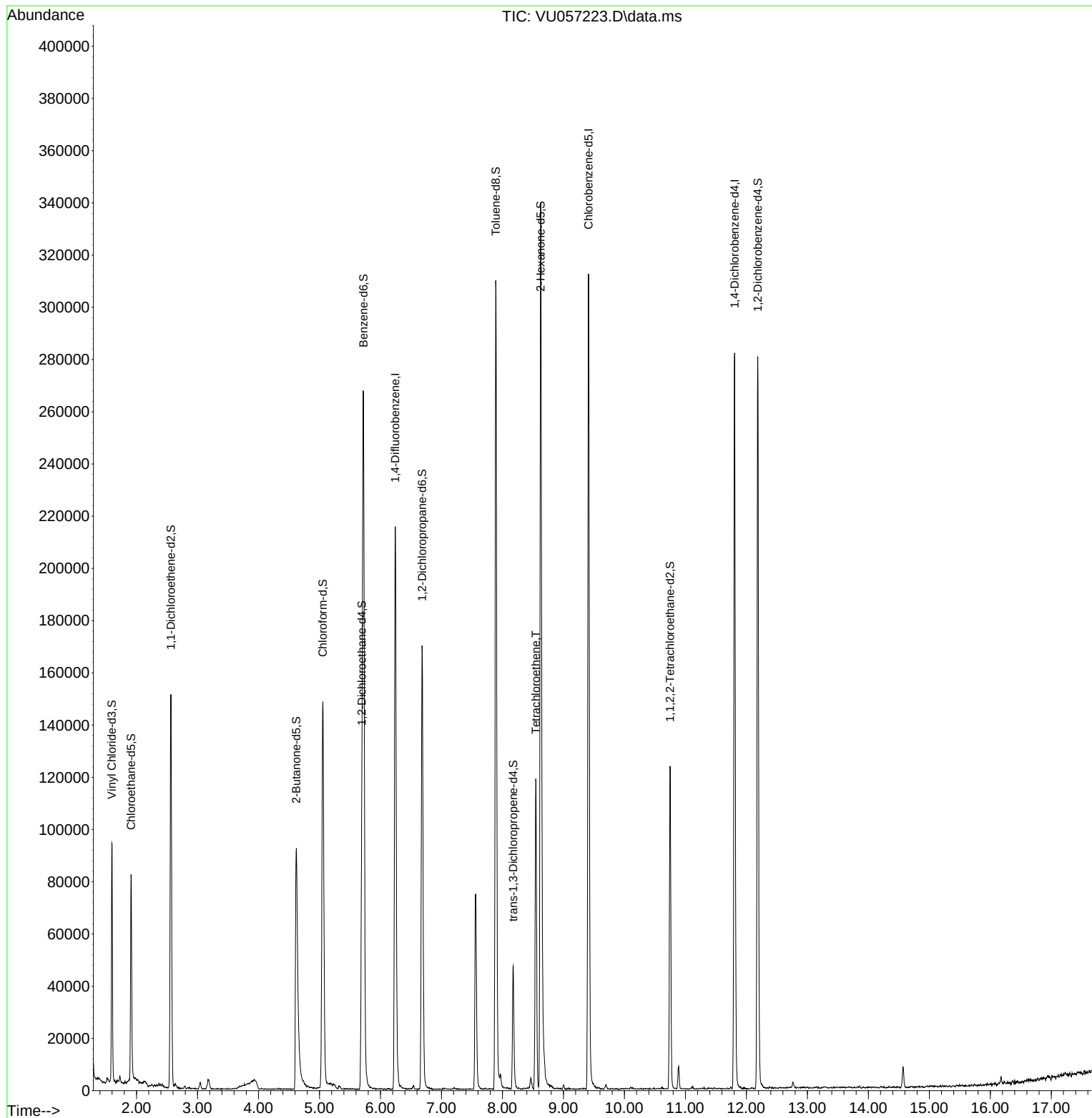
| Compound                      | R.T.   | QIon           | Response | Conc   | Units    | Dev(Min) |
|-------------------------------|--------|----------------|----------|--------|----------|----------|
| -----                         |        |                |          |        |          |          |
| Internal Standards            |        |                |          |        |          |          |
| 1) 1,4-Difluorobenzene        | 6.242  | 114            | 173083   | 5.000  | ug/L     | 0.00     |
| 28) Chlorobenzene-d5          | 9.412  | 117            | 176271   | 5.000  | ug/L     | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.807 | 152            | 73812    | 5.000  | ug/L     | 0.00     |
|                               |        |                |          |        |          |          |
| System Monitoring Compounds   |        |                |          |        |          |          |
| 4) Vinyl Chloride-d3          | 1.595  | 65             | 65777    | 3.976  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 40 - 130 | Recovery | =      | 79.600%  |          |
| 7) Chloroethane-d5            | 1.911  | 69             | 57235    | 4.203  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 65 - 130 | Recovery | =      | 84.000%  |          |
| 11) 1,1-Dichloroethene-d2     | 2.563  | 65             | 30019    | 4.188  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 60 - 125 | Recovery | =      | 83.800%  |          |
| 20) 2-Butanone-d5             | 4.621  | 46             | 145045   | 55.842 | ug/L     | 0.00     |
| Spiked Amount                 | 50.000 | Range 40 - 130 | Recovery | =      | 111.680% |          |
| 24) Chloroform-d              | 5.055  | 84             | 144521   | 4.524  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 70 - 125 | Recovery | =      | 90.400%  |          |
| 26) 1,2-Dichloroethane-d4     | 5.695  | 65             | 70012    | 4.598  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 70 - 130 | Recovery | =      | 92.000%  |          |
| 32) Benzene-d6                | 5.721  | 84             | 258374   | 4.274  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 70 - 125 | Recovery | =      | 85.400%  |          |
| 36) 1,2-Dichloropropane-d6    | 6.682  | 67             | 83251    | 4.839  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 60 - 140 | Recovery | =      | 96.800%  |          |
| 41) Toluene-d8                | 7.891  | 98             | 212148   | 3.843  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 70 - 130 | Recovery | =      | 76.800%  |          |
| 43) trans-1,3-Dichloroprop... | 8.177  | 79             | 28797    | 4.021  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 55 - 130 | Recovery | =      | 80.400%  |          |
| 46) 2-Hexanone-d5             | 8.627  | 63             | 112395   | 46.093 | ug/L     | 0.00     |
| Spiked Amount                 | 50.000 | Range 45 - 130 | Recovery | =      | 92.180%  |          |
| 56) 1,1,2,2-Tetrachloroeth... | 10.749 | 84             | 61612    | 5.033  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 65 - 120 | Recovery | =      | 100.600% |          |
| 66) 1,2-Dichlorobenzene-d4    | 12.187 | 152            | 74371    | 4.682  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 80 - 120 | Recovery | =      | 93.600%  |          |
|                               |        |                |          |        |          |          |
| Target Compounds              |        |                |          |        |          | Qvalue   |
| 47) Tetrachloroethene         | 8.547  | 164            | 25197    | 2.152  | ug/L     | 98       |
| -----                         |        |                |          |        |          |          |

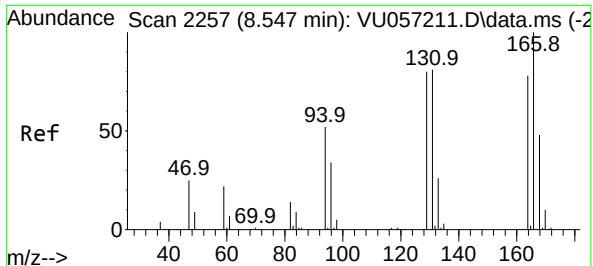
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#47  
 Tetrachloroethene  
 Concen: 2.152 ug/L  
 RT: 8.547 min Scan# 21  
 Delta R.T. -0.000 min  
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 Acq: 23 Dec 2023 05:27

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|             |       |             |
|-------------|-------|-------------|
| Tgt Ion:164 | Resp: | 25197       |
| Ion         | Ratio | Lower Upper |
| 164         | 100   |             |
| 129         | 103.1 | 72.9 135.3  |
| 131         | 99.5  | 71.7 133.3  |
| 166         | 128.2 | 87.7 162.9  |

