

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU100622\  
 Data File : VU051195.D  
 Acq On : 07 Oct 2022 00:51  
 Operator : JC/MD  
 Sample : N4890-07  
 Misc : 5.0mL/MSVOA\_U/WATER  
 ALS Vial : 34 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 EY0E0

Quant Time: Oct 07 06:29:53 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\SFAMULM092922WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Fri Oct 07 02:51:40 2022  
 Response via : Initial Calibration

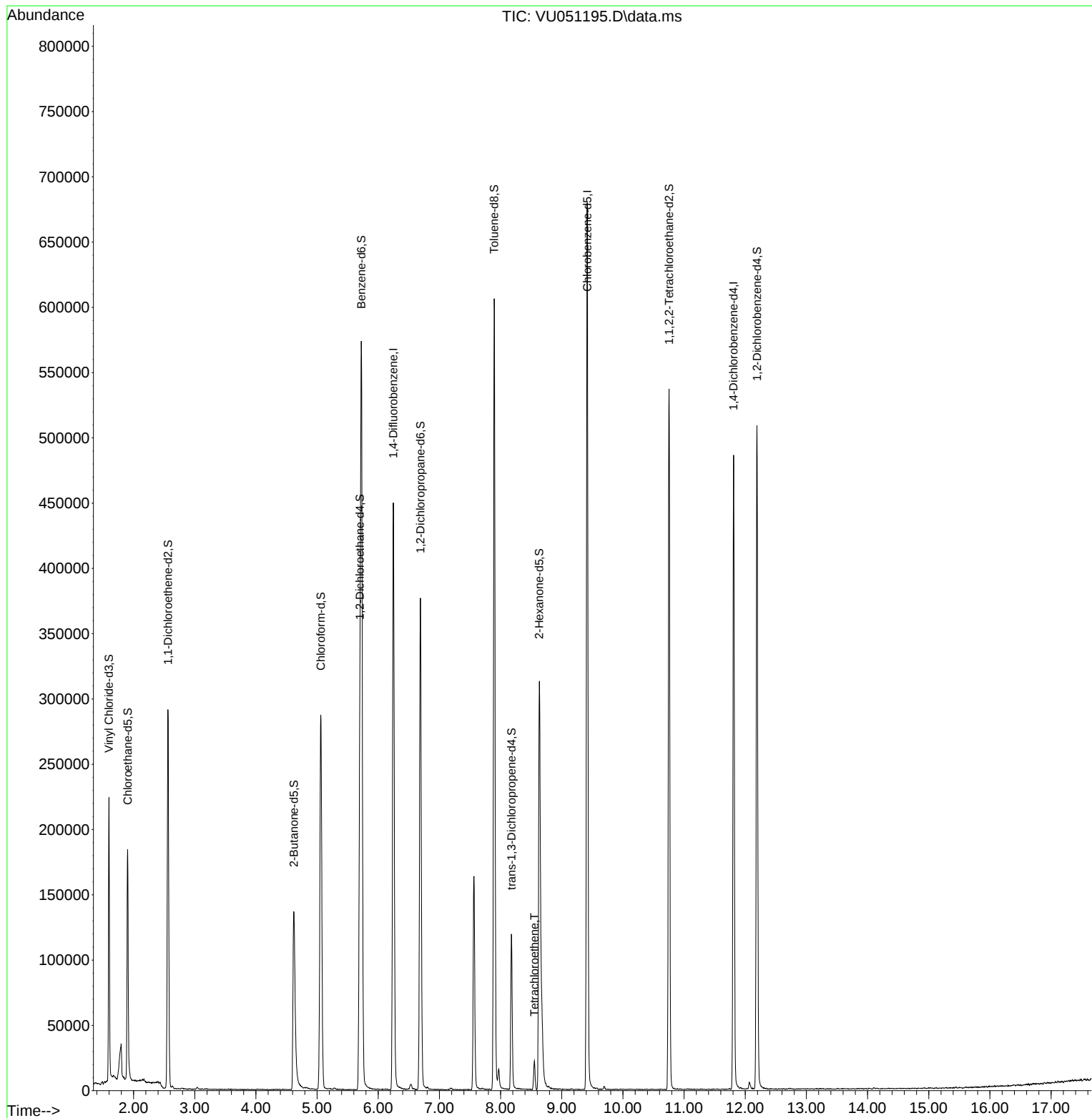
| Compound                      | R.T.    | QIon  | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|---------|-------|----------|----------|--------|----------|
| -----                         |         |       |          |          |        |          |
| Internal Standards            |         |       |          |          |        |          |
| 1) 1,4-Difluorobenzene        | 6.247   | 114   | 357274   | 50.000   | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 9.417   | 117   | 381920   | 50.000   | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.809  | 152   | 130712   | 50.000   | ug/L   | 0.00     |
| System Monitoring Compounds   |         |       |          |          |        |          |
| 4) Vinyl Chloride-d3          | 1.597   | 65    | 148299   | 40.958   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 60 - 135 | Recovery | =      | 81.920%  |
| 7) Chloroethane-d5            | 1.903   | 69    | 135174   | 40.189   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 70 - 130 | Recovery | =      | 80.380%  |
| 11) 1,1-Dichloroethene-d2     | 2.562   | 63    | 172140   | 32.185   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 60 - 125 | Recovery | =      | 64.360%  |
| 21) 2-Butanone-d5             | 4.620   | 46    | 195147   | 83.098   | ug/L   | 0.00     |
| Spiked Amount                 | 100.000 | Range | 40 - 130 | Recovery | =      | 83.100%  |
| 24) Chloroform-d              | 5.060   | 84    | 276120   | 47.333   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 70 - 125 | Recovery | =      | 94.660%  |
| 26) 1,2-Dichloroethane-d4     | 5.700   | 65    | 181012   | 50.131   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 70 - 125 | Recovery | =      | 100.260% |
| 32) Benzene-d6                | 5.726   | 84    | 527425   | 47.159   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 70 - 125 | Recovery | =      | 94.320%  |
| 36) 1,2-Dichloropropane-d6    | 6.690   | 67    | 185354   | 51.074   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 70 - 120 | Recovery | =      | 102.140% |
| 41) Toluene-d8                | 7.896   | 98    | 413986   | 40.064   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 80 - 120 | Recovery | =      | 80.120%  |
| 43) trans-1,3-Dichloroprop... | 8.179   | 79    | 66565    | 38.455   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 60 - 125 | Recovery | =      | 76.900%  |
| 47) 2-Hexanone-d5             | 8.632   | 63    | 83075    | 56.692   | ug/L   | 0.00     |
| Spiked Amount                 | 100.000 | Range | 45 - 130 | Recovery | =      | 56.690%  |
| 56) 1,1,2,2-Tetrachloroeth... | 10.754  | 84    | 277419   | 43.739   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 65 - 120 | Recovery | =      | 87.480%  |
| 66) 1,2-Dichlorobenzene-d4    | 12.192  | 152   | 134460   | 48.153   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 80 - 120 | Recovery | =      | 96.300%  |
| Target Compounds              |         |       |          |          |        |          |
|                               |         |       |          |          | Qvalue |          |
| 46) Tetrachloroethene         | 8.552   | 164   | 5054     | 2.211    | ug/L   | 88       |
| -----                         |         |       |          |          |        |          |

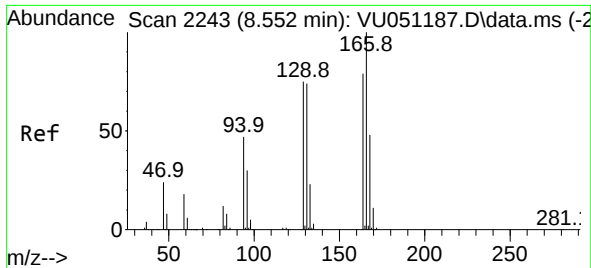
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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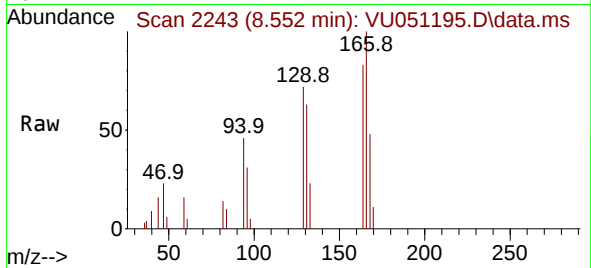
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#46  
 Tetrachloroethene  
 Concen: 2.211 ug/L  
 RT: 8.552 min Scan# 21  
 Delta R.T. -0.000 min  
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|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 164   | Resp: | 5054  |
| Ion      | Ratio | Lower | Upper |
| 164      | 100   |       |       |
| 129      | 86.6  | 68.1  | 126.5 |
| 131      | 76.6  | 67.8  | 126.0 |
| 166      | 120.7 | 90.5  | 168.1 |

