

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU100522\  
 Data File : VU051128.D  
 Acq On : 05 Oct 2022 15:37  
 Operator : JC/MD  
 Sample : N4853-14  
 Misc : 5.0mL/MSVOA\_U/WATER  
 ALS Vial : 16 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 EW836

Quant Time: Oct 06 03:04:39 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\SFAMULM092922WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Thu Oct 06 02:55:50 2022  
 Response via : Initial Calibration

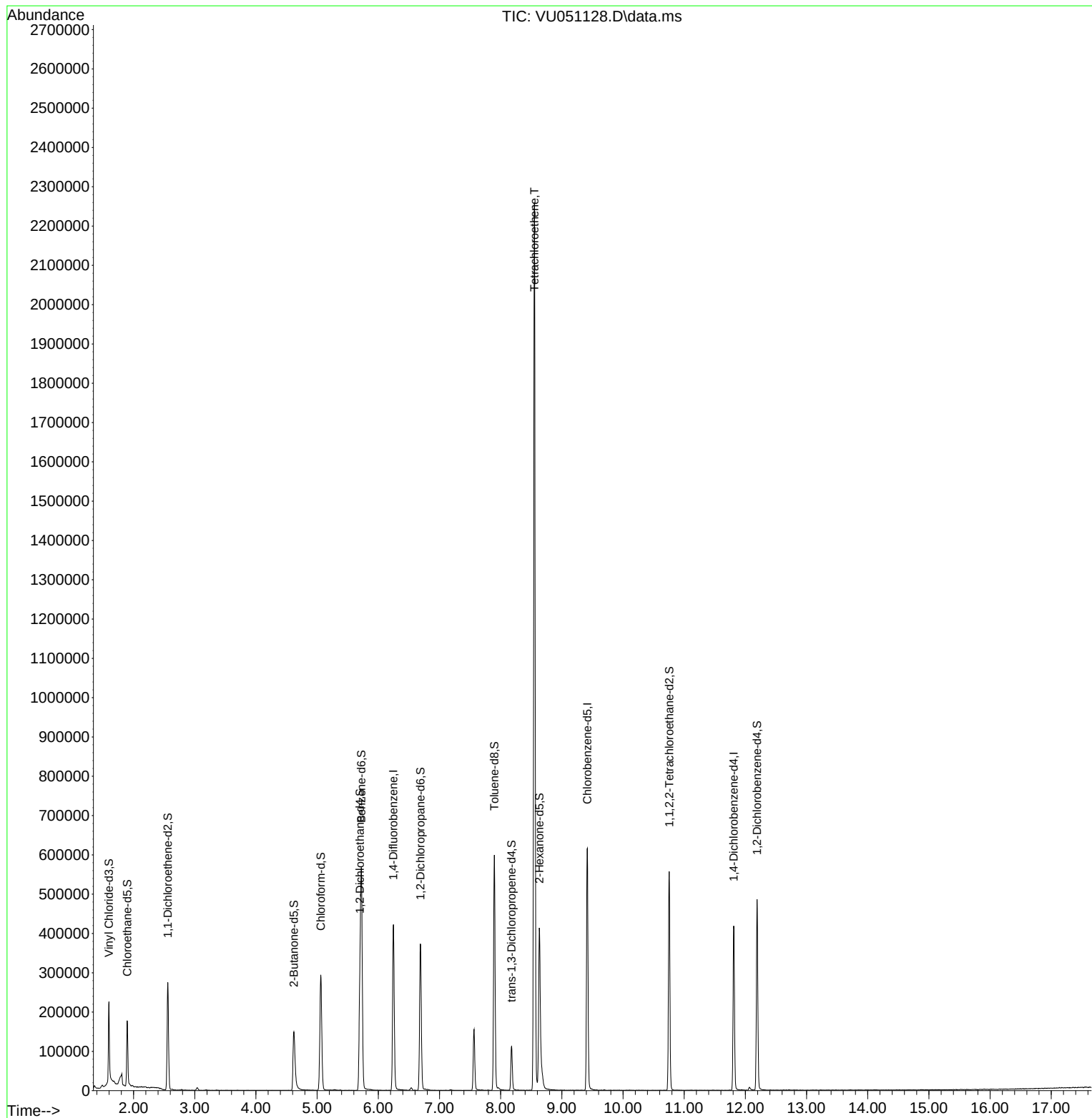
| Compound                      | R.T.    | QIon  | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|---------|-------|----------|----------|--------|----------|
| -----                         |         |       |          |          |        |          |
| Internal Standards            |         |       |          |          |        |          |
| 1) 1,4-Difluorobenzene        | 6.247   | 114   | 330980   | 50.000   | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 9.417   | 117   | 345743   | 50.000   | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.809  | 152   | 111261   | 50.000   | ug/L   | 0.00     |
| System Monitoring Compounds   |         |       |          |          |        |          |
| 4) Vinyl Chloride-d3          | 1.597   | 65    | 135399   | 40.366   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 60 - 135 | Recovery | =      | 80.740%  |
| 7) Chloroethane-d5            | 1.896   | 69    | 130113   | 41.758   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 70 - 130 | Recovery | =      | 83.520%  |
| 11) 1,1-Dichloroethene-d2     | 2.559   | 63    | 163252   | 32.948   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 60 - 125 | Recovery | =      | 65.900%  |
| 21) 2-Butanone-d5             | 4.620   | 46    | 209567   | 96.328   | ug/L   | 0.00     |
| Spiked Amount                 | 100.000 | Range | 40 - 130 | Recovery | =      | 96.330%  |
| 24) Chloroform-d              | 5.060   | 84    | 274187   | 50.736   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 70 - 125 | Recovery | =      | 101.480% |
| 26) 1,2-Dichloroethane-d4     | 5.700   | 65    | 178665   | 53.412   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 70 - 125 | Recovery | =      | 106.820% |
| 32) Benzene-d6                | 5.723   | 84    | 527753   | 52.126   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 70 - 125 | Recovery | =      | 104.260% |
| 36) 1,2-Dichloropropane-d6    | 6.687   | 67    | 183370   | 55.814   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 70 - 120 | Recovery | =      | 111.620% |
| 41) Toluene-d8                | 7.896   | 98    | 404435   | 43.235   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 80 - 120 | Recovery | =      | 86.460%  |
| 43) trans-1,3-Dichloroprop... | 8.179   | 79    | 63295    | 40.392   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 60 - 125 | Recovery | =      | 80.780%  |
| 47) 2-Hexanone-d5             | 8.632   | 63    | 117632   | 88.673   | ug/L   | 0.00     |
| Spiked Amount                 | 100.000 | Range | 45 - 130 | Recovery | =      | 88.670%  |
| 56) 1,1,2,2-Tetrachloroeth... | 10.755  | 84    | 284640   | 49.573   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 65 - 120 | Recovery | =      | 99.140%  |
| 66) 1,2-Dichlorobenzene-d4    | 12.192  | 152   | 129173   | 54.346   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 80 - 120 | Recovery | =      | 108.700% |
| Target Compounds              |         |       |          |          |        |          |
|                               |         |       |          |          | Qvalue |          |
| 46) Tetrachloroethene         | 8.552   | 164   | 497115   | 240.272  | ug/L   | 98       |
| -----                         |         |       |          |          |        |          |

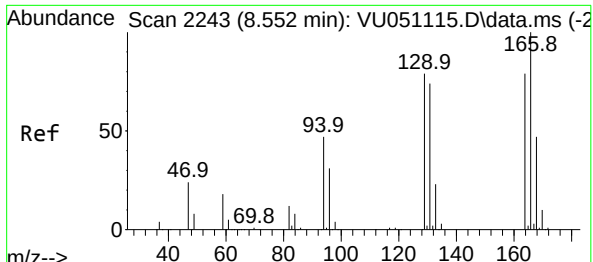
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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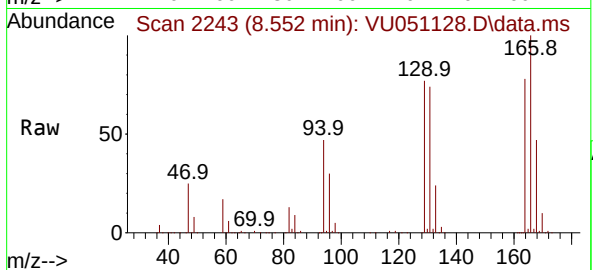
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#46  
 Tetrachloroethene  
 Concen: 240.272 ug/L  
 RT: 8.552 min Scan# 21  
 Delta R.T. 0.000 min  
 Lab File: VU051128.D  
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Tgt Ion:164 Resp: 497115

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 164 | 100   |       |       |
| 129 | 98.1  | 68.1  | 126.5 |
| 131 | 94.5  | 67.8  | 126.0 |
| 166 | 127.7 | 90.5  | 168.1 |

