

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU042923\  
 Data File : VU053970.D  
 Acq On : 28 Apr 2023 15:35  
 Operator : JC/MD  
 Sample : 02548-46  
 Misc : 5.0mL/MSVOA\_U/WATER  
 ALS Vial : 8 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 DCCS4

Quant Time: Apr 29 04:31:44 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\SFAMULM033123WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Fri Apr 14 01:54:10 2023  
 Response via : Initial Calibration

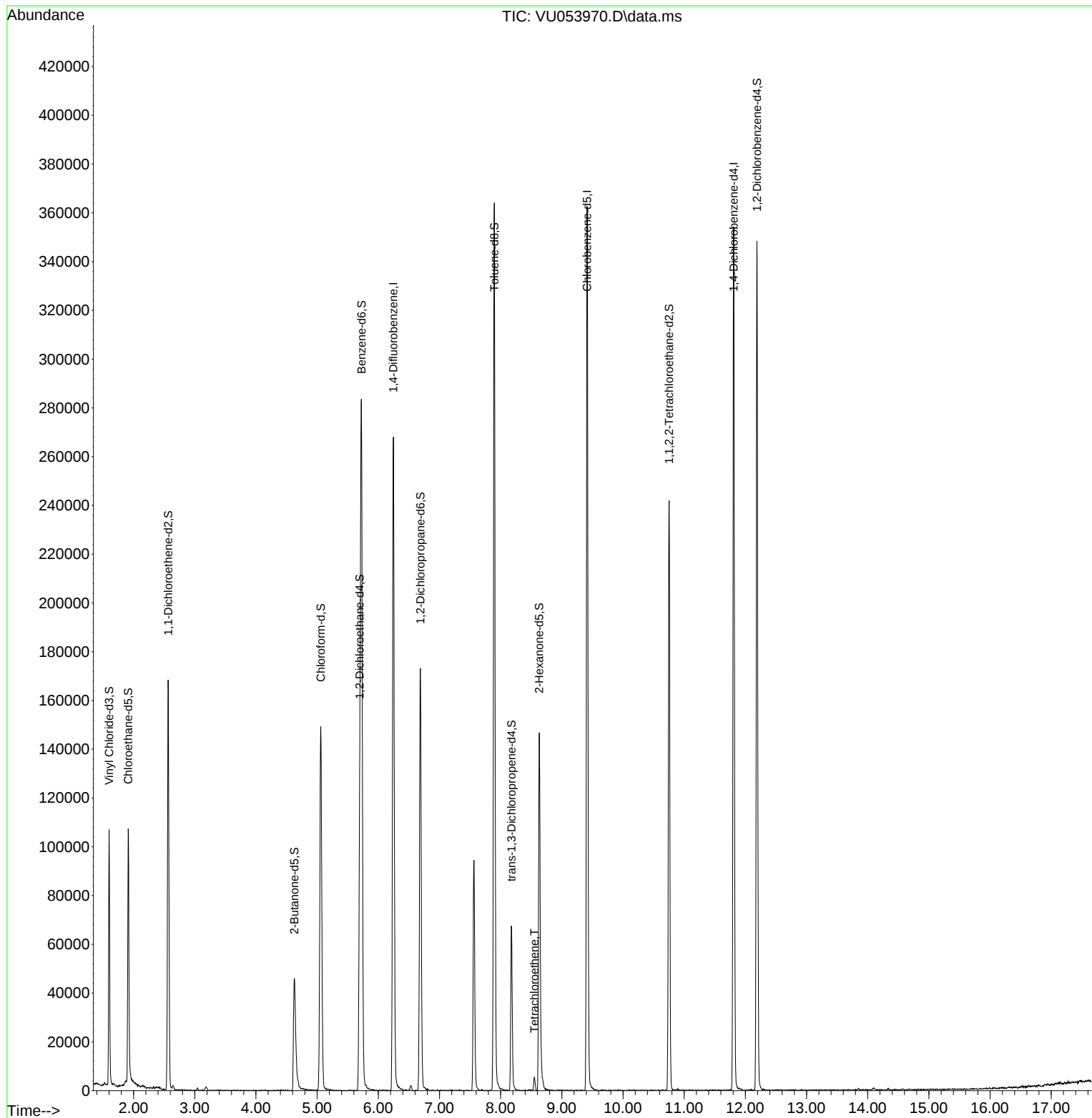
| Compound                      | R.T.           | QIon | Response   | Conc     | Units | Dev(Min) |
|-------------------------------|----------------|------|------------|----------|-------|----------|
| -----                         |                |      |            |          |       |          |
| Internal Standards            |                |      |            |          |       |          |
| 1) 1,4-Difluorobenzene        | 6.247          | 114  | 239581     | 50.000   | ug/L  | 0.00     |
| 28) Chlorobenzene-d5          | 9.414          | 117  | 212982     | 50.000   | ug/L  | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.809         | 152  | 99968      | 50.000   | ug/L  | 0.00     |
|                               |                |      |            |          |       |          |
| System Monitoring Compounds   |                |      |            |          |       |          |
| 4) Vinyl Chloride-d3          | 1.601          | 65   | 76601      | 41.061   | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 60 - 135 |      | Recovery = | 82.120%  |       |          |
| 7) Chloroethane-d5            | 1.912          | 69   | 78127      | 54.316   | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 70 - 130 |      | Recovery = | 108.640% |       |          |
| 11) 1,1-Dichloroethene-d2     | 2.565          | 63   | 92159      | 31.914   | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 60 - 125 |      | Recovery = | 63.820%  |       |          |
| 21) 2-Butanone-d5             | 4.626          | 46   | 70071      | 82.961   | ug/L  | 0.01     |
| Spiked Amount 100.000         | Range 40 - 130 |      | Recovery = | 82.960%  |       |          |
| 24) Chloroform-d              | 5.060          | 84   | 137350     | 44.518   | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 70 - 125 |      | Recovery = | 89.040%  |       |          |
| 26) 1,2-Dichloroethane-d4     | 5.697          | 65   | 83112      | 45.589   | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 70 - 125 |      | Recovery = | 91.180%  |       |          |
| 32) Benzene-d6                | 5.726          | 84   | 281137     | 48.902   | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 70 - 125 |      | Recovery = | 97.800%  |       |          |
| 36) 1,2-Dichloropropane-d6    | 6.687          | 67   | 87308      | 49.686   | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 70 - 120 |      | Recovery = | 99.380%  |       |          |
| 41) Toluene-d8                | 7.896          | 98   | 259183     | 45.360   | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 80 - 120 |      | Recovery = | 90.720%  |       |          |
| 43) trans-1,3-Dichloroprop... | 8.176          | 79   | 41083      | 45.293   | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 60 - 125 |      | Recovery = | 90.580%  |       |          |
| 47) 2-Hexanone-d5             | 8.629          | 63   | 54778      | 91.341   | ug/L  | 0.00     |
| Spiked Amount 100.000         | Range 45 - 130 |      | Recovery = | 91.340%  |       |          |
| 56) 1,1,2,2-Tetrachloroeth... | 10.751         | 84   | 119151     | 48.109   | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 65 - 120 |      | Recovery = | 96.220%  |       |          |
| 66) 1,2-Dichlorobenzene-d4    | 12.192         | 152  | 98213      | 47.066   | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 80 - 120 |      | Recovery = | 94.140%  |       |          |
|                               |                |      |            |          |       |          |
| Target Compounds              |                |      |            |          |       | Qvalue   |
| 46) Tetrachloroethene         | 8.552          | 164  | 1157       | 0.831    | ug/L  | 94       |
| -----                         |                |      |            |          |       |          |

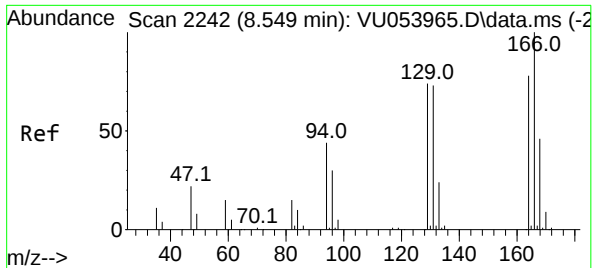
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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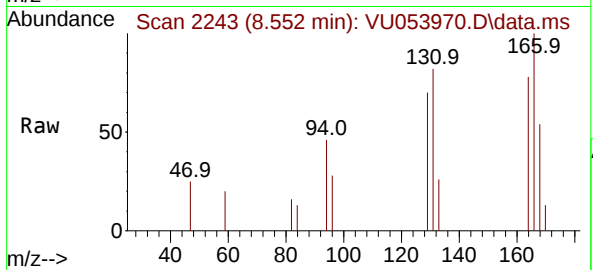
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#46  
 Tetrachloroethene  
 Concen: 0.831 ug/L  
 RT: 8.552 min Scan# 21  
 Delta R.T. 0.003 min  
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|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 164   | Resp: | 1157  |
| Ion      | Ratio | Lower | Upper |
| 164      | 100   |       |       |
| 129      | 90.2  | 64.0  | 119.0 |
| 131      | 104.4 | 61.9  | 115.1 |
| 166      | 127.9 | 90.6  | 168.2 |

