

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VW032921\  
 Data File : VW020806.D  
 Acq On : 29 Mar 2021 15:55  
 Operator : SY/MD  
 Sample : M1784-20  
 Misc : 5.0mL/MSVOA\_V/WATER  
 ALS Vial : 17 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 BG4W2

Quant Time: Mar 30 04:44:42 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SOMVLM032321WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Tue Mar 30 04:39:28 2021  
 Response via : Initial Calibration

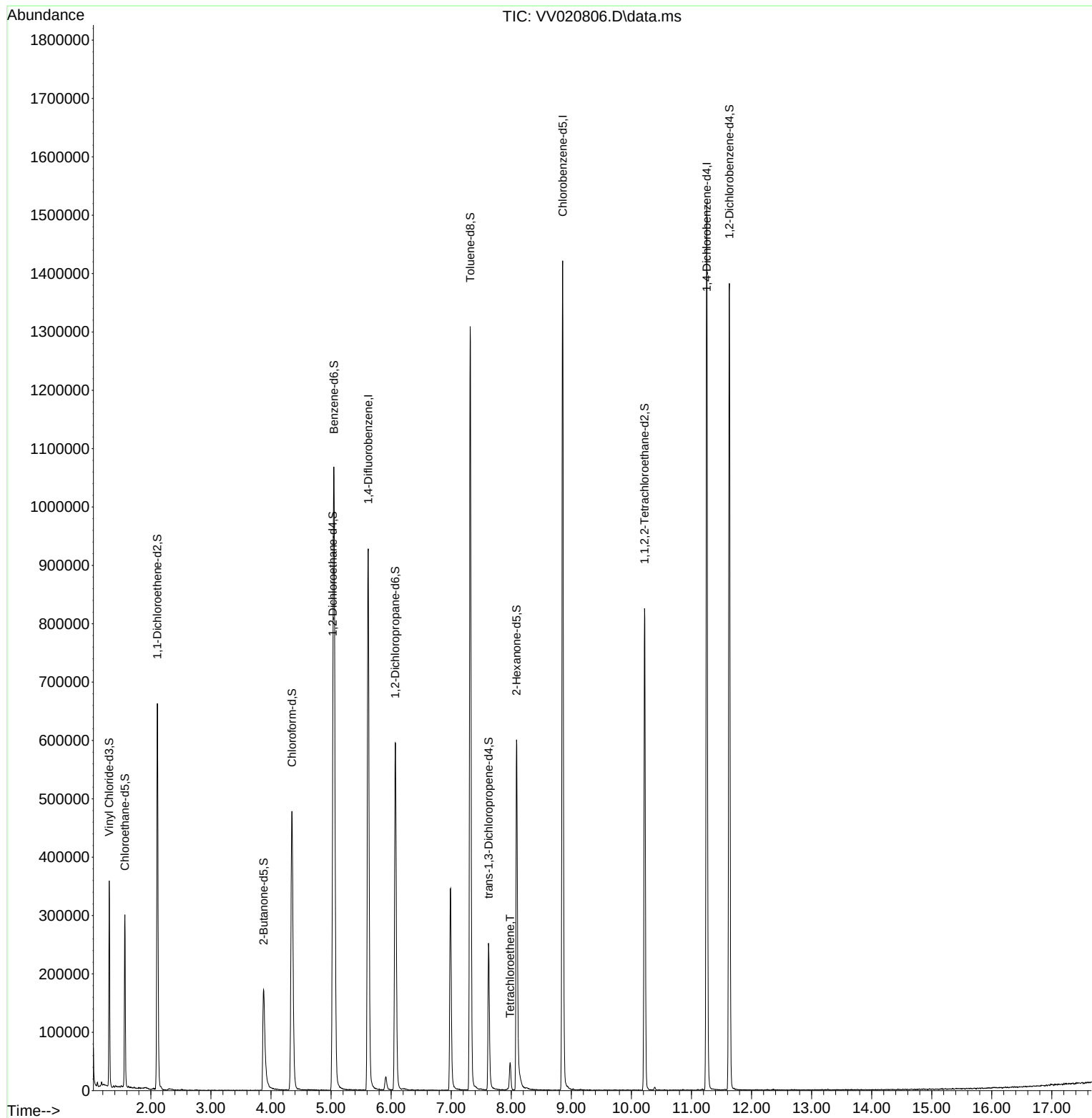
| Compound                      | R.T.           | QIon | Response   | Conc   | Units | Dev(Min) |
|-------------------------------|----------------|------|------------|--------|-------|----------|
| -----                         |                |      |            |        |       |          |
| Internal Standards            |                |      |            |        |       |          |
| 1) 1,4-Difluorobenzene        | 5.619          | 114  | 798925     | 50.00  | ug/L  | 0.00     |
| 28) Chlorobenzene-d5          | 8.857          | 117  | 779513     | 50.00  | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4    | 11.255         | 152  | 395066     | 50.00  | ug/L  | 0.00     |
|                               |                |      |            |        |       |          |
| System Monitoring Compounds   |                |      |            |        |       |          |
| 4) Vinyl Chloride-d3          | 1.307          | 65   | 205539     | 36.24  | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 60 - 135 |      | Recovery = | 72.48% |       |          |
| 7) Chloroethane-d5            | 1.568          | 69   | 174980     | 40.81  | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 70 - 130 |      | Recovery = | 81.62% |       |          |
| 11) 1,1-Dichloroethene-d2     | 2.108          | 63   | 338024     | 31.59  | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 60 - 125 |      | Recovery = | 63.18% |       |          |
| 21) 2-Butanone-d5             | 3.876          | 46   | 279452     | 75.73  | ug/L  | 0.00     |
| Spiked Amount 100.000         | Range 40 - 130 |      | Recovery = | 75.73% |       |          |
| 24) Chloroform-d              | 4.349          | 84   | 489355     | 43.41  | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 70 - 125 |      | Recovery = | 86.82% |       |          |
| 26) 1,2-Dichloroethane-d4     | 5.030          | 65   | 336111     | 45.26  | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 70 - 125 |      | Recovery = | 90.52% |       |          |
| 32) Benzene-d6                | 5.050          | 84   | 914699     | 44.02  | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 70 - 125 |      | Recovery = | 88.04% |       |          |
| 36) 1,2-Dichloropropane-d6    | 6.069          | 67   | 273647     | 42.90  | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 70 - 120 |      | Recovery = | 85.80% |       |          |
| 41) Toluene-d8                | 7.317          | 98   | 850429     | 43.97  | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 80 - 120 |      | Recovery = | 87.94% |       |          |
| 43) trans-1,3-Dichloroprop... | 7.622          | 79   | 143967     | 42.42  | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 60 - 125 |      | Recovery = | 84.84% |       |          |
| 47) 2-Hexanone-d5             | 8.088          | 63   | 208589     | 77.99  | ug/L  | 0.00     |
| Spiked Amount 100.000         | Range 45 - 130 |      | Recovery = | 77.99% |       |          |
| 57) 1,1,2,2-Tetrachloroeth... | 10.220         | 84   | 363923     | 39.16  | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 65 - 120 |      | Recovery = | 78.32% |       |          |
| 64) 1,2-Dichlorobenzene-d4    | 11.631         | 152  | 358794     | 46.79  | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 80 - 120 |      | Recovery = | 93.58% |       |          |
|                               |                |      |            |        |       |          |
| Target Compounds              |                |      |            |        |       | Qvalue   |
| 46) Tetrachloroethene         | 7.982          | 164  | 11224      | 2.28   | ug/L  | 92       |
| -----                         |                |      |            |        |       |          |

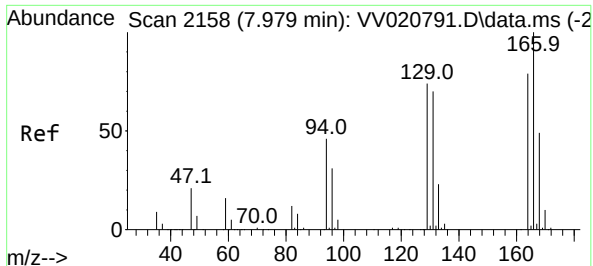
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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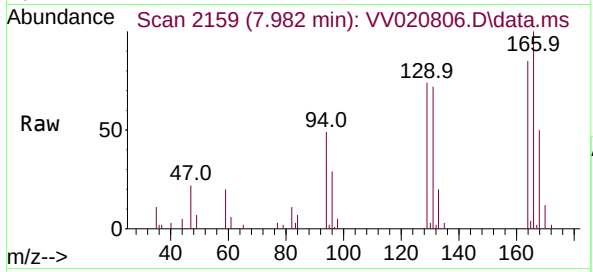
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QLast Update : Tue Mar 30 04:39:28 2021  
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#46  
Tetrachloroethene  
Concen: 2.28 ug/L  
RT: 7.982 min Scan# 2159  
Delta R.T. 0.003 min  
Lab File: VV020806.D  
Acq: 29 Mar 2021 15:55

Instrument :  
MSVOA\_V  
ClientSampleId :  
BG4W2



|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 164   | Resp: | 11224 |
| Ion      | Ratio | Lower | Upper |
| 164      | 100   |       |       |
| 129      | 86.7  | 64.3  | 119.5 |
| 131      | 84.3  | 63.5  | 117.9 |
| 166      | 117.2 | 89.8  | 166.8 |

