

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VW093021\  
 Data File : VW022435.D  
 Acq On : 30 Sep 2021 16:31  
 Operator : SY/MD  
 Sample : M3979-08  
 Misc : 5.0mL/MSVOA\_V/WATER  
 ALS Vial : 18 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 F4A03

Quant Time: Oct 01 02:42:51 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVLM092721WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Fri Oct 01 02:38:11 2021  
 Response via : Initial Calibration

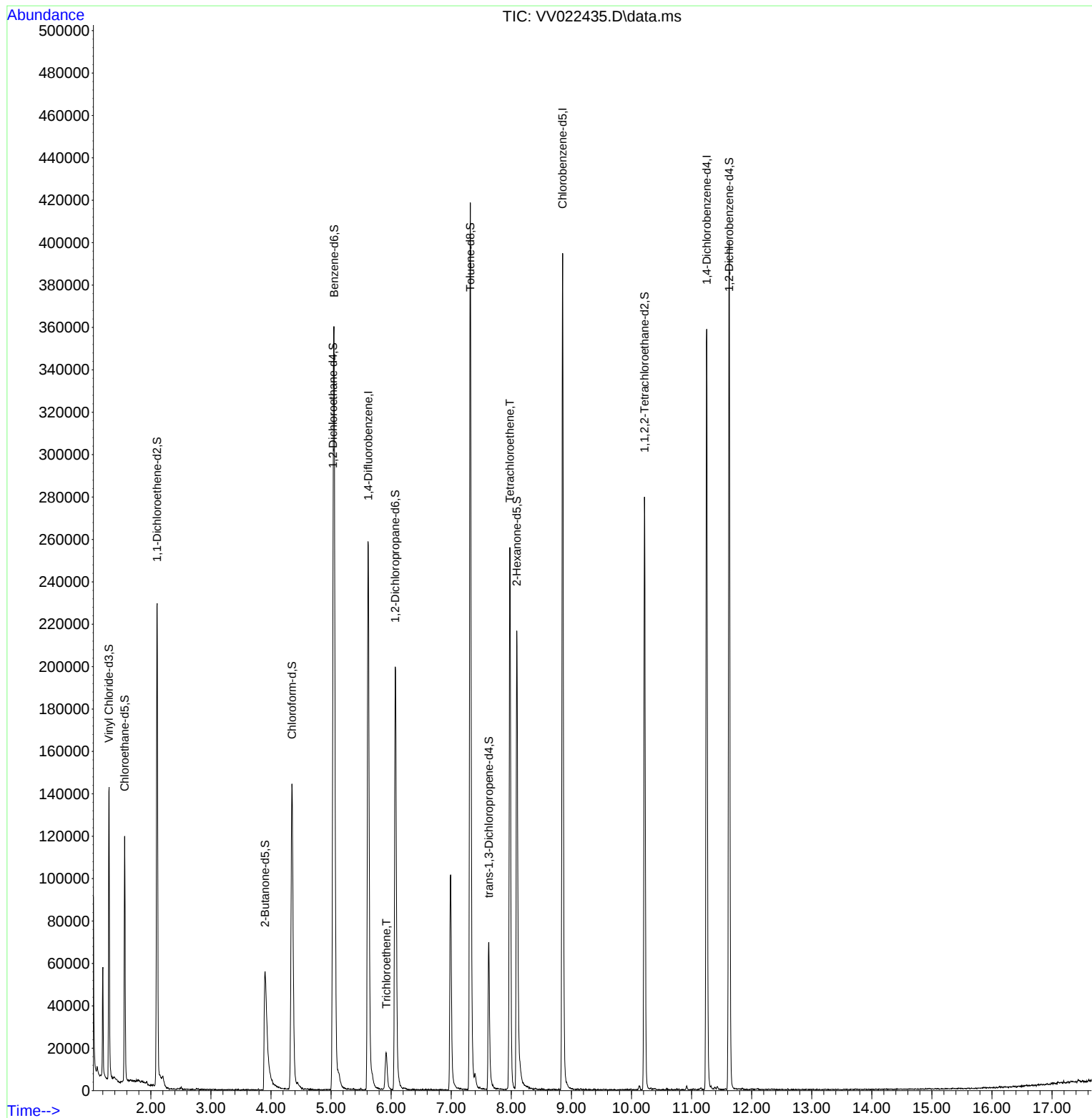
| Compound                      | R.T.           | QIon | Response   | Conc   | Units  | Dev(Min) |
|-------------------------------|----------------|------|------------|--------|--------|----------|
| -----                         |                |      |            |        |        |          |
| Internal Standards            |                |      |            |        |        |          |
| 1) 1,4-Difluorobenzene        | 5.619          | 114  | 232478     | 50.00  | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 8.854          | 117  | 225594     | 50.00  | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.252         | 152  | 98515      | 50.00  | ug/L   | 0.00     |
| System Monitoring Compounds   |                |      |            |        |        |          |
| 4) Vinyl Chloride-d3          | 1.304          | 65   | 88381      | 44.80  | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 60 - 135 |      | Recovery = | 89.60% |        |          |
| 7) Chloroethane-d5            | 1.565          | 69   | 69763      | 44.71  | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 70 - 130 |      | Recovery = | 89.42% |        |          |
| 11) 1,1-Dichloroethene-d2     | 2.102          | 63   | 118450     | 34.53  | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 60 - 125 |      | Recovery = | 69.06% |        |          |
| 21) 2-Butanone-d5             | 3.899          | 46   | 118745     | 85.28  | ug/L   | 0.03     |
| Spiked Amount 100.000         | Range 40 - 130 |      | Recovery = | 85.28% |        |          |
| 24) Chloroform-d              | 4.349          | 84   | 152312     | 42.75  | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 70 - 125 |      | Recovery = | 85.50% |        |          |
| 26) 1,2-Dichloroethane-d4     | 5.034          | 65   | 93386      | 42.75  | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 70 - 125 |      | Recovery = | 85.50% |        |          |
| 32) Benzene-d6                | 5.050          | 84   | 320368     | 45.14  | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 70 - 125 |      | Recovery = | 90.28% |        |          |
| 36) 1,2-Dichloropropane-d6    | 6.069          | 67   | 103092     | 45.41  | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 70 - 120 |      | Recovery = | 90.82% |        |          |
| 41) Toluene-d8                | 7.317          | 98   | 284488     | 43.80  | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 80 - 120 |      | Recovery = | 87.60% |        |          |
| 43) trans-1,3-Dichloroprop... | 7.625          | 79   | 41622      | 40.15  | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 60 - 125 |      | Recovery = | 80.30% |        |          |
| 47) 2-Hexanone-d5             | 8.092          | 63   | 78691      | 85.30  | ug/L   | 0.00     |
| Spiked Amount 100.000         | Range 45 - 130 |      | Recovery = | 85.30% |        |          |
| 56) 1,1,2,2-Tetrachloroeth... | 10.217         | 84   | 133044     | 40.37  | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 65 - 120 |      | Recovery = | 80.74% |        |          |
| 66) 1,2-Dichlorobenzene-d4    | 11.625         | 152  | 107264     | 48.97  | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 80 - 120 |      | Recovery = | 97.94% |        |          |
| Target Compounds              |                |      |            |        |        |          |
|                               |                |      |            |        | Qvalue |          |
| 34) Trichloroethene           | 5.918          | 95   | 4452       | 2.51   | ug/L   | 94       |
| 46) Tetrachloroethene         | 7.976          | 164  | 59098      | 40.54  | ug/L   | 95       |
| -----                         |                |      |            |        |        |          |

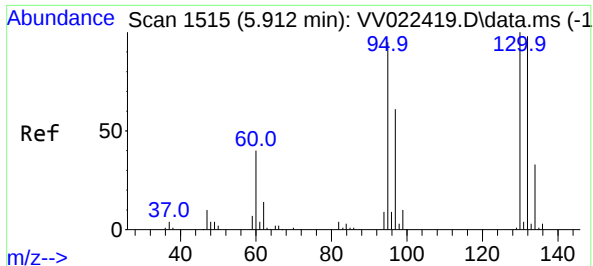
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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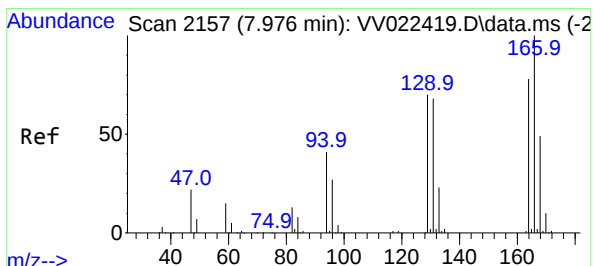
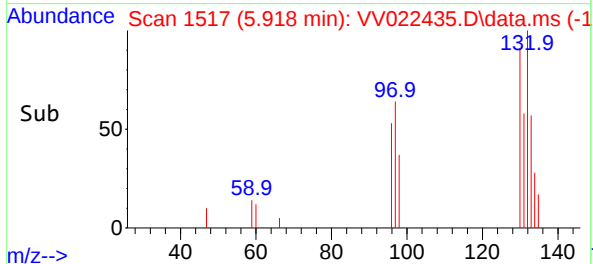
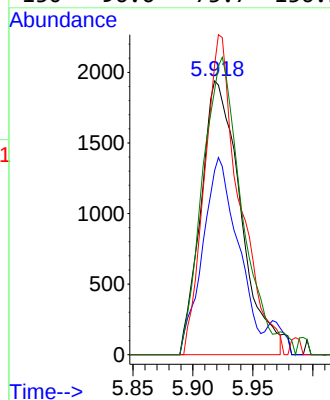
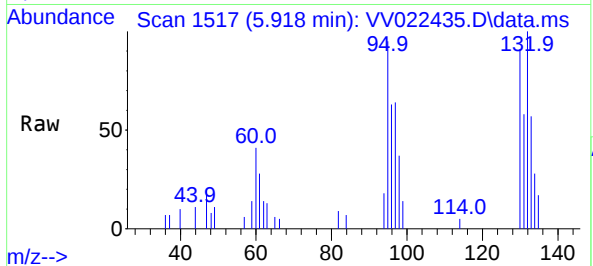


#34  
Trichloroethene  
Concen: 2.51 ug/L  
RT: 5.918 min Scan# 1517  
Delta R.T. 0.007 min  
Lab File: VV022435.D  
Acq: 30 Sep 2021 16:31

Instrument :  
MSVOA\_V  
ClientSampled :  
F4A03

Tgt Ion: 95 Resp: 4452

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 95  | 100   |       |       |
| 97  | 67.2  | 45.2  | 84.0  |
| 132 | 105.8 | 71.0  | 131.8 |
| 130 | 96.6  | 73.7  | 136.9 |



#46  
Tetrachloroethene  
Concen: 40.54 ug/L  
RT: 7.976 min Scan# 2157  
Delta R.T. 0.000 min  
Lab File: VV022435.D  
Acq: 30 Sep 2021 16:31

Tgt Ion: 164 Resp: 59098

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 164 | 100   |       |       |
| 129 | 89.5  | 66.4  | 123.4 |
| 131 | 85.5  | 63.6  | 118.0 |
| 166 | 125.8 | 91.6  | 170.0 |

