

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU092922\  
 Data File : VU050994.D  
 Acq On : 29 Sep 2022 21:14  
 Operator : JC/MD  
 Sample : N4869-07  
 Misc : 5.0mL/MSVOA\_U/WATER  
 ALS Vial : 19 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 F5J27

Quant Time: Sep 30 01:51:53 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\SFAMULM092922WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Fri Sep 30 01:30:03 2022  
 Response via : Initial Calibration

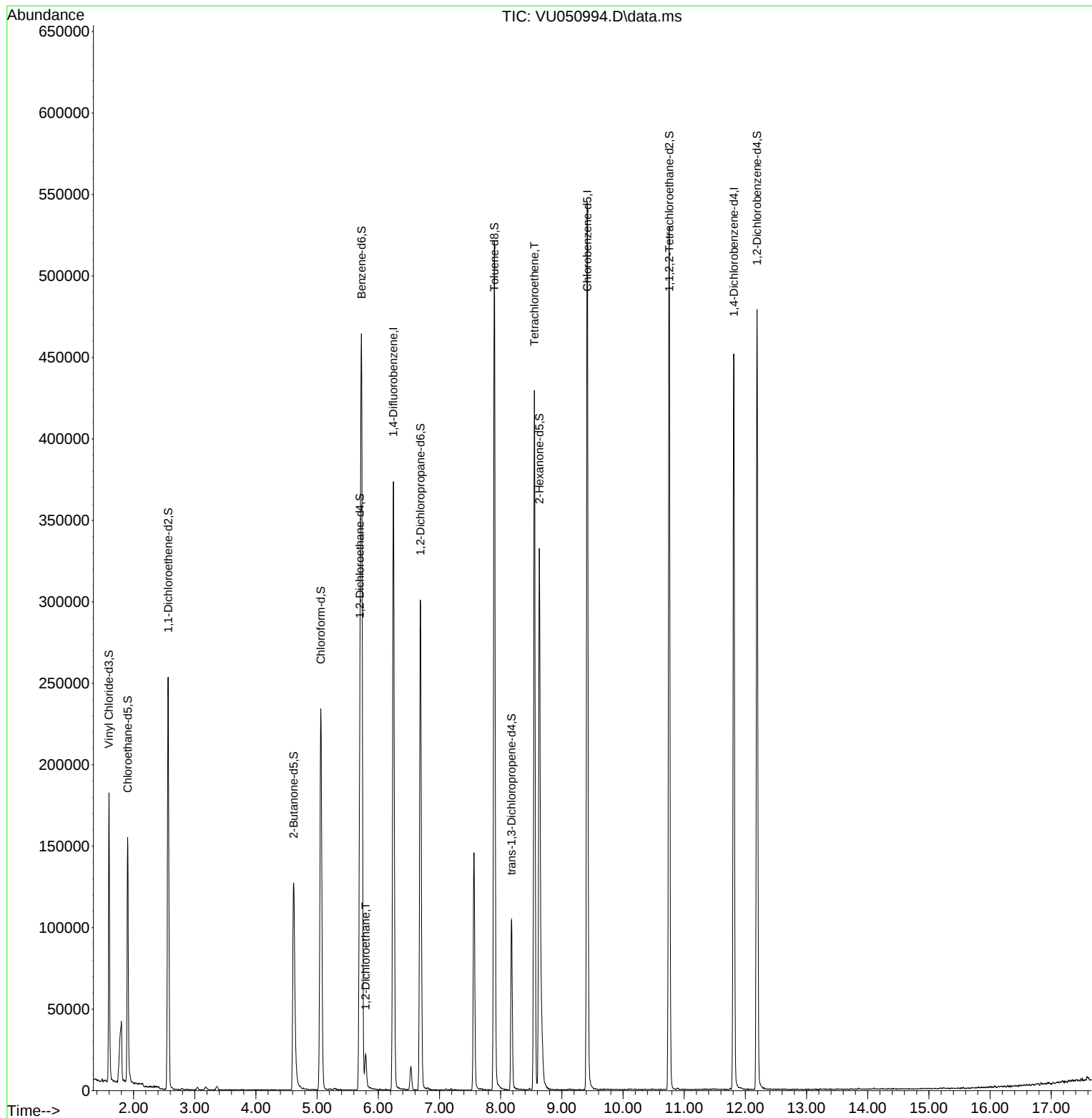
| Compound                      | R.T.           | QIon | Response   | Conc     | Units  | Dev(Min) |
|-------------------------------|----------------|------|------------|----------|--------|----------|
| -----                         |                |      |            |          |        |          |
| Internal Standards            |                |      |            |          |        |          |
| 1) 1,4-Difluorobenzene        | 6.247          | 114  | 297784     | 50.000   | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 9.417          | 117  | 303085     | 50.000   | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.812         | 152  | 120261     | 50.000   | ug/L   | 0.00     |
| System Monitoring Compounds   |                |      |            |          |        |          |
| 4) Vinyl Chloride-d3          | 1.597          | 65   | 128049     | 42.430   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 60 - 135 |      | Recovery = | 84.860%  |        |          |
| 7) Chloroethane-d5            | 1.903          | 69   | 112258     | 40.044   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 70 - 130 |      | Recovery = | 80.080%  |        |          |
| 11) 1,1-Dichloroethene-d2     | 2.565          | 63   | 147398     | 33.064   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 60 - 125 |      | Recovery = | 66.120%  |        |          |
| 21) 2-Butanone-d5             | 4.616          | 46   | 179108     | 91.505   | ug/L   | 0.00     |
| Spiked Amount 100.000         | Range 40 - 130 |      | Recovery = | 91.500%  |        |          |
| 24) Chloroform-d              | 5.060          | 84   | 218219     | 44.881   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 70 - 125 |      | Recovery = | 89.760%  |        |          |
| 26) 1,2-Dichloroethane-d4     | 5.700          | 65   | 138537     | 46.033   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 70 - 125 |      | Recovery = | 92.060%  |        |          |
| 32) Benzene-d6                | 5.726          | 84   | 432357     | 48.714   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 70 - 125 |      | Recovery = | 97.420%  |        |          |
| 36) 1,2-Dichloropropane-d6    | 6.687          | 67   | 142621     | 49.521   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 70 - 120 |      | Recovery = | 99.040%  |        |          |
| 41) Toluene-d8                | 7.896          | 98   | 353329     | 43.088   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 80 - 120 |      | Recovery = | 86.180%  |        |          |
| 43) trans-1,3-Dichloroprop... | 8.179          | 79   | 57884      | 42.138   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 60 - 125 |      | Recovery = | 84.280%  |        |          |
| 47) 2-Hexanone-d5             | 8.632          | 63   | 96122      | 82.657   | ug/L   | 0.00     |
| Spiked Amount 100.000         | Range 45 - 130 |      | Recovery = | 82.660%  |        |          |
| 56) 1,1,2,2-Tetrachloroeth... | 10.754         | 84   | 269319     | 53.507   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 65 - 120 |      | Recovery = | 107.020% |        |          |
| 66) 1,2-Dichlorobenzene-d4    | 12.192         | 152  | 128663     | 50.081   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 80 - 120 |      | Recovery = | 100.160% |        |          |
| Target Compounds              |                |      |            |          |        |          |
|                               |                |      |            |          | Qvalue |          |
| 27) 1,2-Dichloroethane        | 5.793          | 62   | 16246      | 4.543    | ug/L   | 98       |
| 46) Tetrachloroethene         | 8.552          | 164  | 91799      | 50.614   | ug/L   | 98       |
| -----                         |                |      |            |          |        |          |

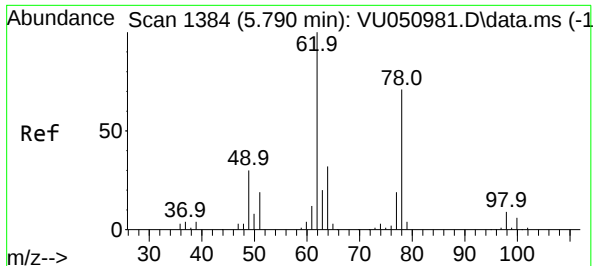
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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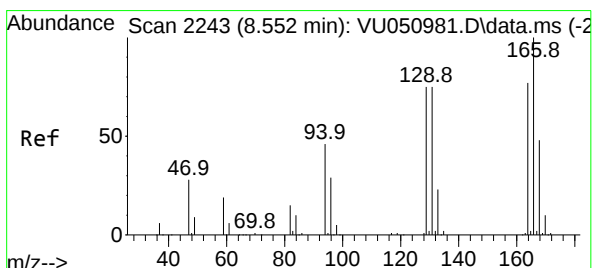
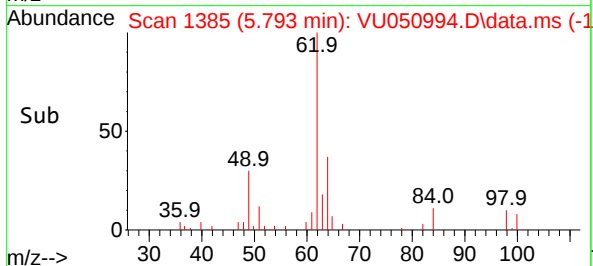
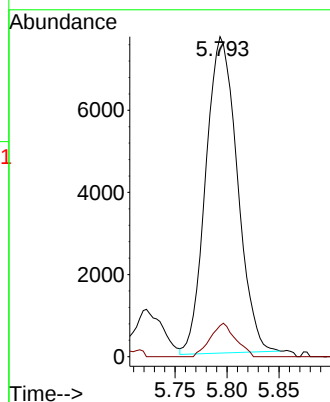
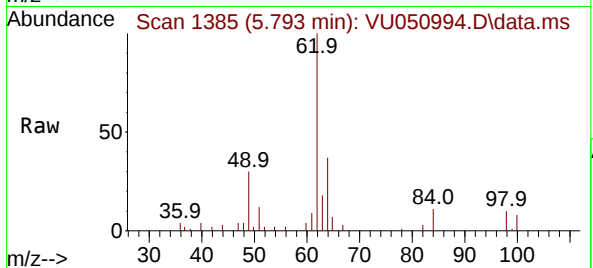




#27  
1,2-Dichloroethane  
Concen: 4.543 ug/L  
RT: 5.793 min Scan# 11  
Delta R.T. 0.003 min  
Lab File: VU050994.D  
Acq: 29 Sep 2022 21:14

Instrument :  
MSVOA\_U  
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Tgt Ion: 62 Resp: 16246  
Ion Ratio Lower Upper  
62 100  
98 9.7 7.3 10.9



#46  
Tetrachloroethene  
Concen: 50.614 ug/L  
RT: 8.552 min Scan# 2243  
Delta R.T. -0.000 min  
Lab File: VU050994.D  
Acq: 29 Sep 2022 21:14

Tgt Ion: 164 Resp: 91799  
Ion Ratio Lower Upper  
164 100  
129 96.8 68.1 126.5  
131 93.0 67.8 126.0  
166 131.5 90.5 168.1

