

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU110222\  
 Data File : VU051719.D  
 Acq On : 03 Nov 2022 03:33  
 Operator : JC/MD  
 Sample : N5301-19  
 Misc : 25.0mL/MSVOA\_U/WATER  
 ALS Vial : 43 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 DBWN4

Quant Time: Nov 03 04:31:13 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\SFAMUTR102822WMA.M  
 Quant Title : TRACE VOA SFAM1.0  
 QLast Update : Thu Nov 03 03:06:09 2022  
 Response via : Initial Calibration

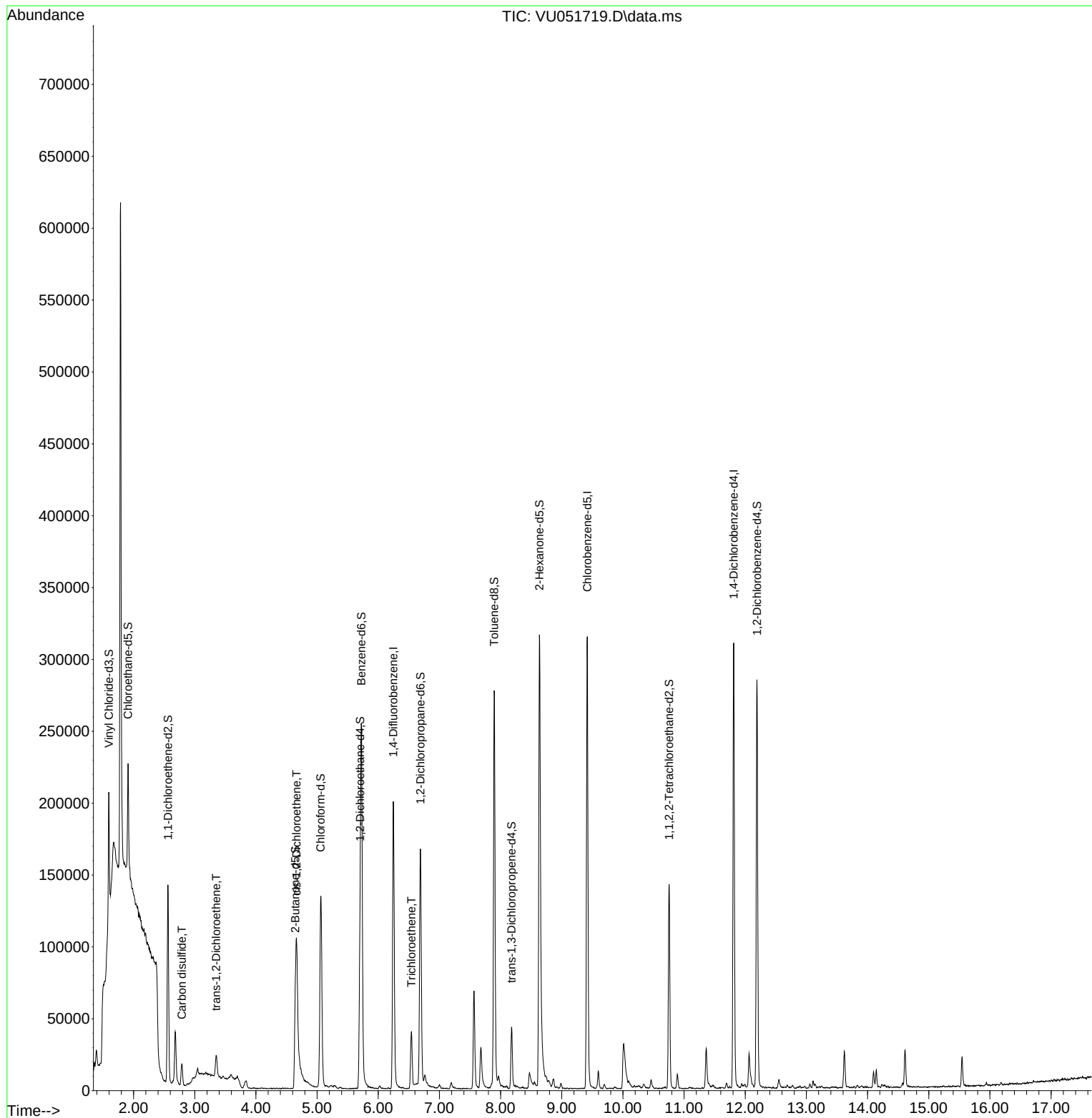
| Compound                      | R.T.   | QIon  | Response | Conc     | Units | Dev(Min) |
|-------------------------------|--------|-------|----------|----------|-------|----------|
| -----                         |        |       |          |          |       |          |
| Internal Standards            |        |       |          |          |       |          |
| 1) 1,4-Difluorobenzene        | 6.247  | 114   | 165153   | 5.000    | ug/L  | 0.00     |
| 28) Chlorobenzene-d5          | 9.417  | 117   | 183724   | 5.000    | ug/L  | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.812 | 152   | 86997    | 5.000    | ug/L  | 0.00     |
|                               |        |       |          |          |       |          |
| System Monitoring Compounds   |        |       |          |          |       |          |
| 4) Vinyl Chloride-d3          | 1.594  | 65    | 62544    | 5.028    | ug/L  | 0.00     |
| Spiked Amount                 | 5.000  | Range | 40 - 130 | Recovery | =     | 100.600% |
| 7) Chloroethane-d5            | 1.909  | 69    | 56738    | 4.374    | ug/L  | 0.00     |
| Spiked Amount                 | 5.000  | Range | 65 - 130 | Recovery | =     | 87.400%  |
| 11) 1,1-Dichloroethene-d2     | 2.562  | 65    | 25764    | 5.707    | ug/L  | 0.00     |
| Spiked Amount                 | 5.000  | Range | 60 - 125 | Recovery | =     | 114.200% |
| 20) 2-Butanone-d5             | 4.645  | 46    | 128462   | 28.517   | ug/L  | 0.03     |
| Spiked Amount                 | 50.000 | Range | 40 - 130 | Recovery | =     | 57.040%  |
| 24) Chloroform-d              | 5.060  | 84    | 132168   | 4.541    | ug/L  | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =     | 90.800%  |
| 26) 1,2-Dichloroethane-d4     | 5.703  | 65    | 64586    | 4.108    | ug/L  | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =     | 82.200%  |
| 32) Benzene-d6                | 5.726  | 84    | 245289   | 4.231    | ug/L  | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =     | 84.600%  |
| 36) 1,2-Dichloropropane-d6    | 6.690  | 67    | 85068    | 4.196    | ug/L  | 0.00     |
| Spiked Amount                 | 5.000  | Range | 60 - 140 | Recovery | =     | 84.000%  |
| 41) Toluene-d8                | 7.896  | 98    | 192446   | 4.221    | ug/L  | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =     | 84.400%  |
| 43) trans-1,3-Dichloroprop... | 8.179  | 79    | 25512    | 4.116    | ug/L  | 0.00     |
| Spiked Amount                 | 5.000  | Range | 55 - 130 | Recovery | =     | 82.400%  |
| 46) 2-Hexanone-d5             | 8.636  | 63    | 118063   | 31.638   | ug/L  | 0.00     |
| Spiked Amount                 | 50.000 | Range | 45 - 130 | Recovery | =     | 63.280%  |
| 56) 1,1,2,2-Tetrachloroeth... | 10.754 | 84    | 75712    | 4.075    | ug/L  | 0.00     |
| Spiked Amount                 | 5.000  | Range | 65 - 120 | Recovery | =     | 81.600%  |
| 66) 1,2-Dichlorobenzene-d4    | 12.192 | 152   | 78369    | 4.908    | ug/L  | 0.00     |
| Spiked Amount                 | 5.000  | Range | 80 - 120 | Recovery | =     | 98.200%  |
|                               |        |       |          |          |       |          |
| Target Compounds              |        |       |          |          |       | Qvalue   |
| 14) Carbon disulfide          | 2.790  | 76    | 21689    | 0.469    | ug/L  | 100      |
| 18) trans-1,2-Dichloroethene  | 3.350  | 96    | 6442     | 0.418    | ug/L  | 96       |
| 22) cis-1,2-Dichloroethene    | 4.665  | 96    | 35241    | 2.067    | ug/L  | 99       |
| 34) Trichloroethene           | 6.542  | 95    | 14258    | 0.815    | ug/L  | 95       |
| -----                         |        |       |          |          |       |          |

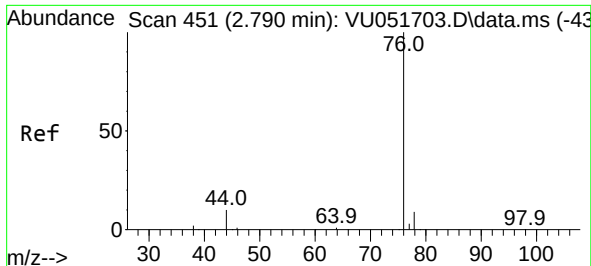
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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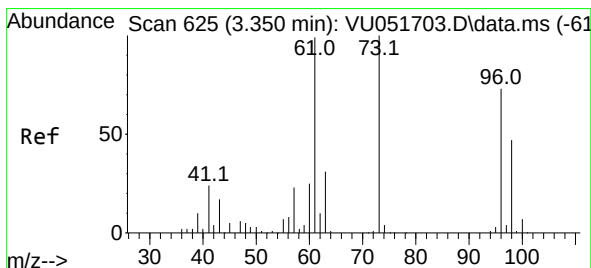
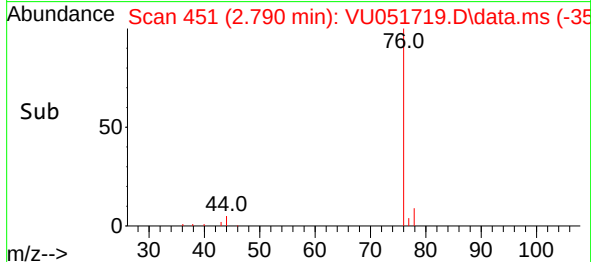
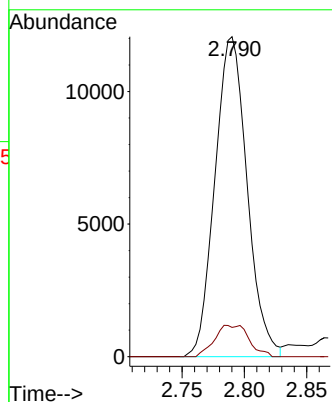
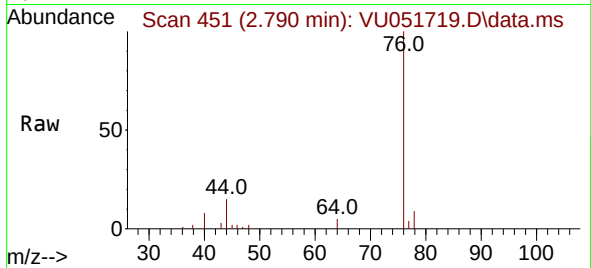




#14  
Carbon disulfide  
Concen: 0.469 ug/L  
RT: 2.790 min Scan# 41  
Delta R.T. -0.000 min  
Lab File: VU051719.D  
Acq: 03 Nov 2022 03:33

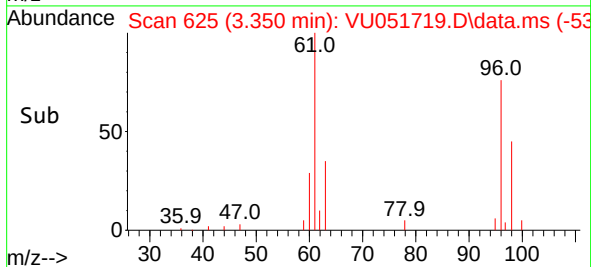
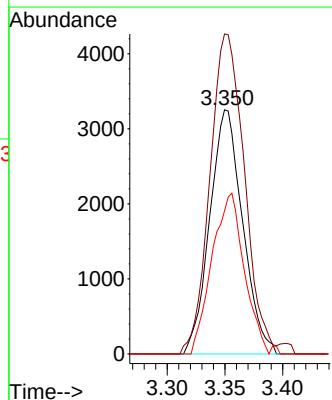
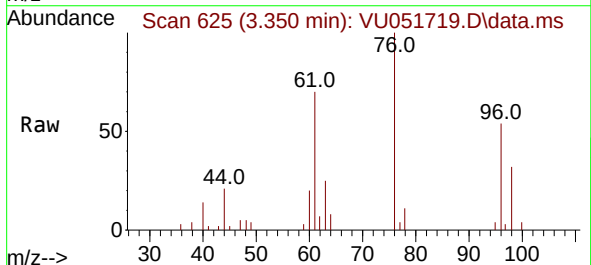
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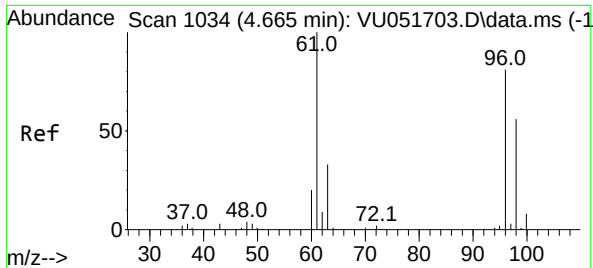
Tgt Ion: 76 Resp: 21689  
Ion Ratio Lower Upper  
76 100  
78 9.1 7.4 11.2



#18  
trans-1,2-Dichloroethene  
Concen: 0.418 ug/L  
RT: 3.350 min Scan# 625  
Delta R.T. -0.000 min  
Lab File: VU051719.D  
Acq: 03 Nov 2022 03:33

Tgt Ion: 96 Resp: 6442  
Ion Ratio Lower Upper  
96 100  
61 131.0 94.7 175.9  
98 58.6 44.2 82.0

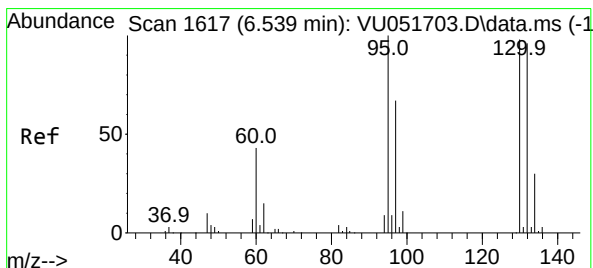
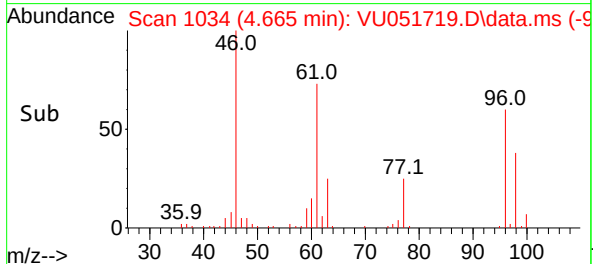
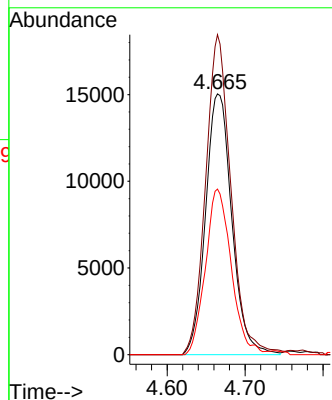
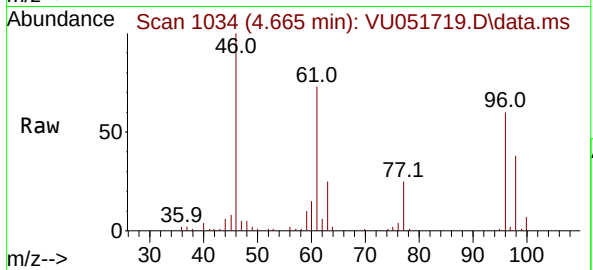




#22  
 cis-1,2-Dichloroethene  
 Concen: 2.067 ug/L  
 RT: 4.665 min Scan# 1034  
 Delta R.T. 0.000 min  
 Lab File: VU051719.D  
 Acq: 03 Nov 2022 03:33

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|             |             |
|-------------|-------------|
| Tgt Ion: 96 | Resp: 35241 |
| Ion Ratio   | Lower Upper |
| 96 100      |             |
| 61 122.7    | 86.4 160.4  |
| 98 63.5     | 44.2 82.2   |



#34  
 Trichloroethene  
 Concen: 0.815 ug/L  
 RT: 6.542 min Scan# 1618  
 Delta R.T. 0.003 min  
 Lab File: VU051719.D  
 Acq: 03 Nov 2022 03:33

|             |             |
|-------------|-------------|
| Tgt Ion: 95 | Resp: 14258 |
| Ion Ratio   | Lower Upper |
| 95 100      |             |
| 97 67.5     | 45.2 84.0   |
| 132 102.6   | 66.5 123.5  |
| 130 94.9    | 68.3 126.8  |

