

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VV093021\  
 Data File : VV022439.D  
 Acq On : 30 Sep 2021 18:06  
 Operator : SY/MD  
 Sample : M3979-12  
 Misc : 5.0mL/MSVOA\_V/WATER  
 ALS Vial : 22 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 F4A07

Quant Time: Oct 01 02:43:39 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

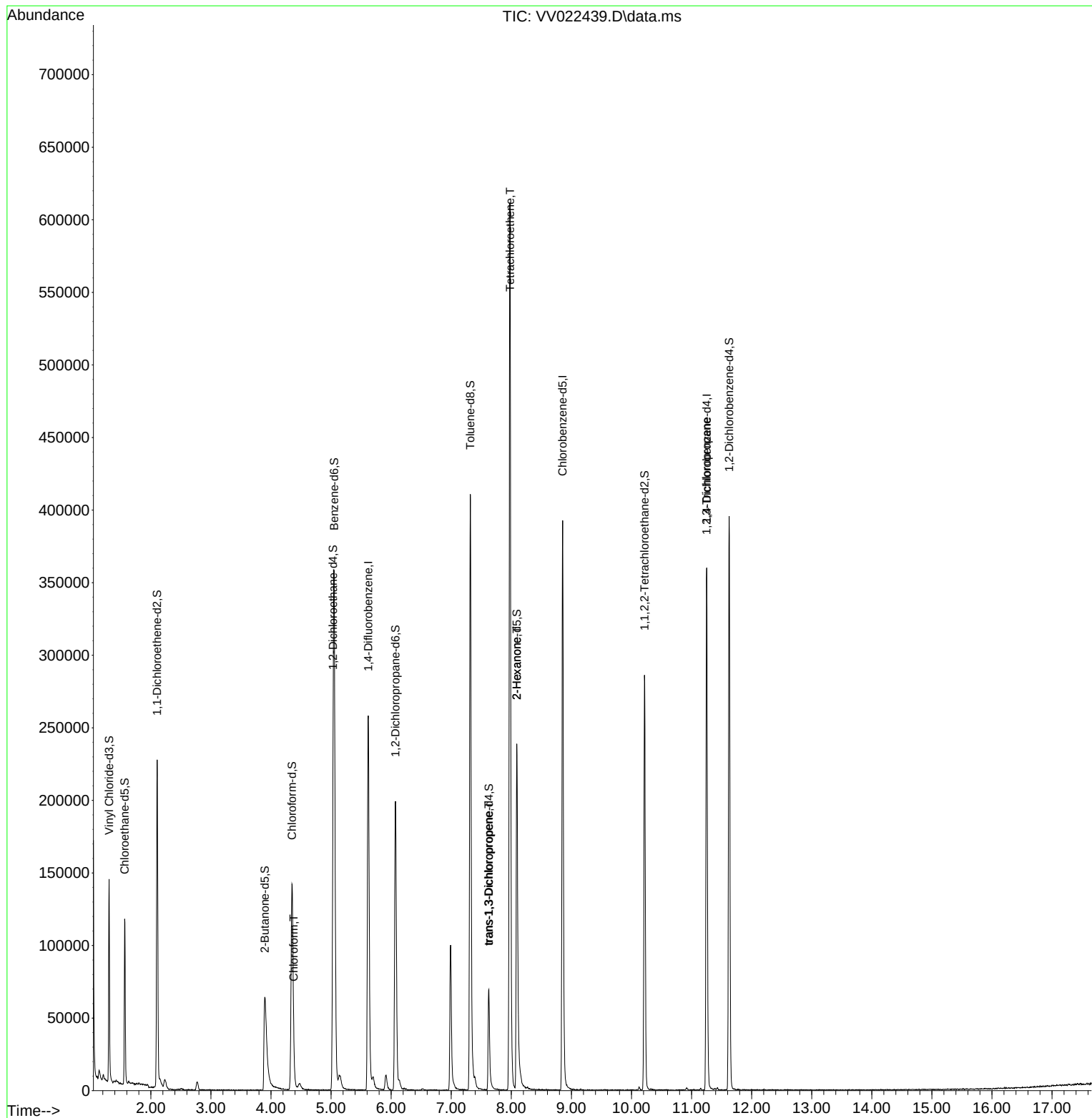
| Compound                      | R.T.    | QIon  | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|---------|-------|----------|----------|--------|----------|
| -----                         |         |       |          |          |        |          |
| Internal Standards            |         |       |          |          |        |          |
| 1) 1,4-Difluorobenzene        | 5.619   | 114   | 229405   | 50.000   | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 8.853   | 117   | 229223   | 50.000   | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.252  | 152   | 97741    | 50.000   | ug/L   | 0.00     |
| System Monitoring Compounds   |         |       |          |          |        |          |
| 4) Vinyl Chloride-d3          | 1.304   | 65    | 87723    | 45.059   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 60 - 135 | Recovery | =      | 90.120%  |
| 7) Chloroethane-d5            | 1.564   | 69    | 70443    | 45.746   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 70 - 130 | Recovery | =      | 91.500%  |
| 11) 1,1-Dichloroethene-d2     | 2.104   | 63    | 114662   | 33.875   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 60 - 125 | Recovery | =      | 67.740%  |
| 21) 2-Butanone-d5             | 3.895   | 46    | 134406   | 97.823   | ug/L   | 0.03     |
| Spiked Amount                 | 100.000 | Range | 40 - 130 | Recovery | =      | 97.820%  |
| 24) Chloroform-d              | 4.349   | 84    | 147750   | 42.029   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 70 - 125 | Recovery | =      | 84.060%  |
| 26) 1,2-Dichloroethane-d4     | 5.034   | 65    | 93226    | 43.244   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 70 - 125 | Recovery | =      | 86.480%  |
| 32) Benzene-d6                | 5.050   | 84    | 312175   | 43.291   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 70 - 125 | Recovery | =      | 86.580%  |
| 36) 1,2-Dichloropropane-d6    | 6.072   | 67    | 99946    | 43.323   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 70 - 120 | Recovery | =      | 86.640%  |
| 41) Toluene-d8                | 7.316   | 98    | 282738   | 42.837   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 80 - 120 | Recovery | =      | 85.680%  |
| 43) trans-1,3-Dichloroprop... | 7.625   | 79    | 42730    | 40.562   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 60 - 125 | Recovery | =      | 81.120%  |
| 47) 2-Hexanone-d5             | 8.091   | 63    | 85569    | 91.282   | ug/L   | 0.00     |
| Spiked Amount                 | 100.000 | Range | 45 - 130 | Recovery | =      | 91.280%  |
| 56) 1,1,2,2-Tetrachloroeth... | 10.217  | 84    | 137896   | 41.177   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 65 - 120 | Recovery | =      | 82.360%  |
| 66) 1,2-Dichlorobenzene-d4    | 11.625  | 152   | 107700   | 49.554   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 80 - 120 | Recovery | =      | 99.100%  |
| Target Compounds              |         |       |          |          |        |          |
|                               |         |       |          |          | Qvalue |          |
| 25) Chloroform                | 4.378   | 83    | 4754     | 1.469    | ug/L   | 95       |
| 44) trans-1,3-Dichloropropene | 7.622   | 75    | 1757     | 0.696    | ug/L   | 84       |
| 46) Tetrachloroethene         | 7.979   | 164   | 143730   | 97.034   | ug/L   | 96       |
| 48) 2-Hexanone                | 8.091   | 43    | 8955     | 4.668    | ug/L # | 72       |
| 61) 1,2,3-Trichloropropane    | 11.249  | 75    | 11284    | 6.188    | ug/L # | 65       |
| -----                         |         |       |          |          |        |          |

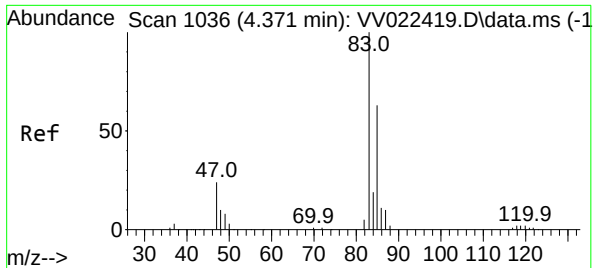
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#25

Chloroform

Concen: 1.469 ug/L

RT: 4.378 min Scan# 1038

Delta R.T. 0.006 min

Lab File: VV022439.D

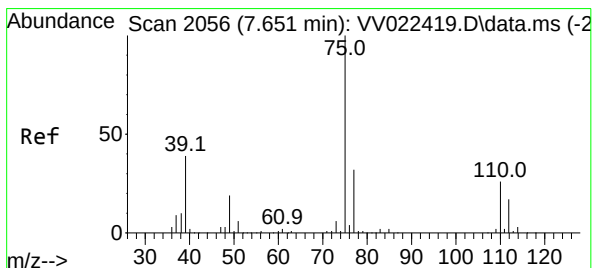
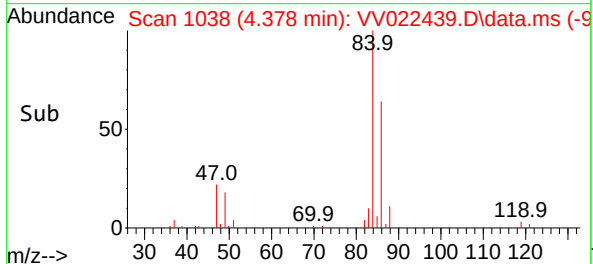
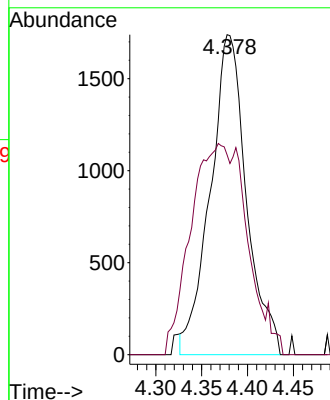
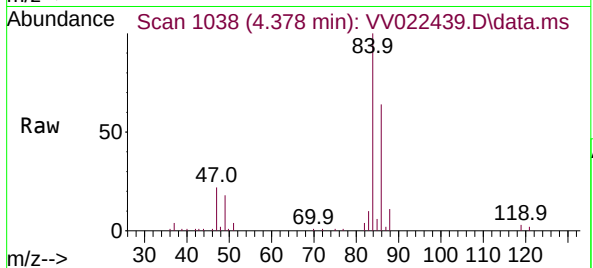
Acq: 30 Sep 2021 18:06

Tgt Ion: 83 Resp: 4754

Ion Ratio Lower Upper

83 100

85 62.4 46.5 86.3



#44

trans-1,3-Dichloropropene

Concen: 0.696 ug/L

RT: 7.622 min Scan# 2047

Delta R.T. -0.029 min

Lab File: VV022439.D

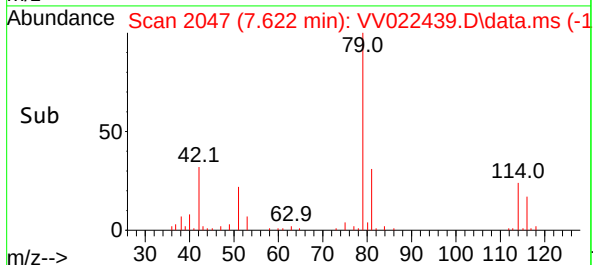
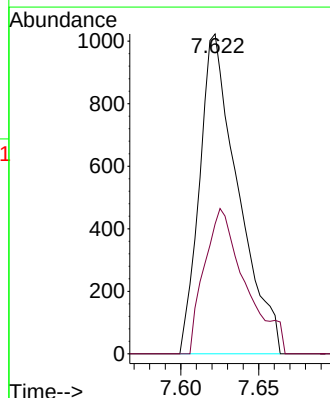
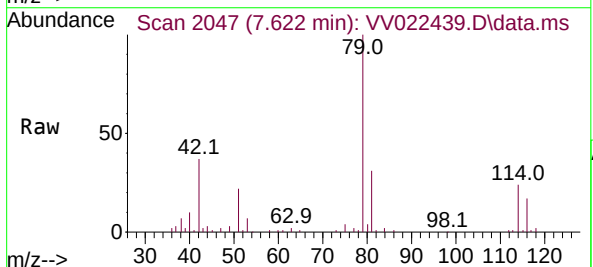
Acq: 30 Sep 2021 18:06

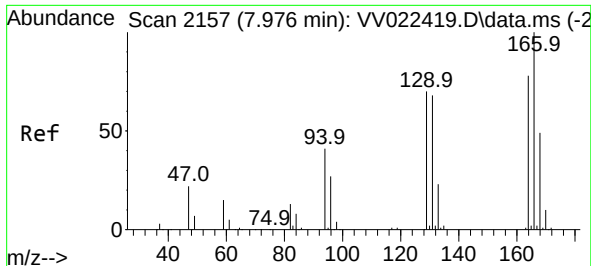
Tgt Ion: 75 Resp: 1757

Ion Ratio Lower Upper

75 100

77 40.6 22.3 41.3

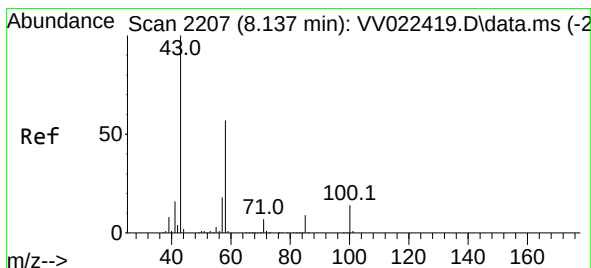
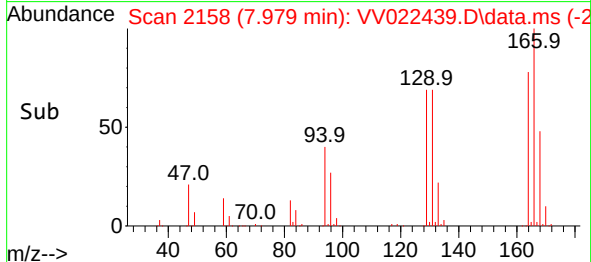
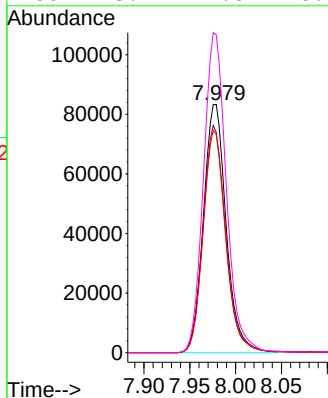
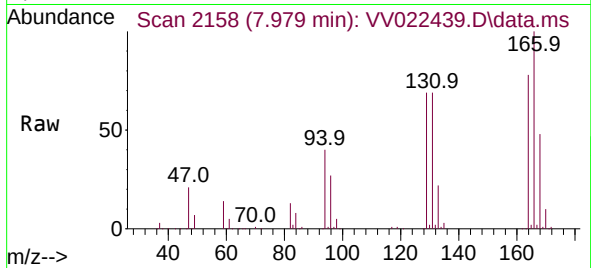




#46  
Tetrachloroethene  
Concen: 97.034 ug/L  
RT: 7.979 min Scan# 2158  
Delta R.T. 0.003 min  
Lab File: VV022439.D  
Acq: 30 Sep 2021 18:06

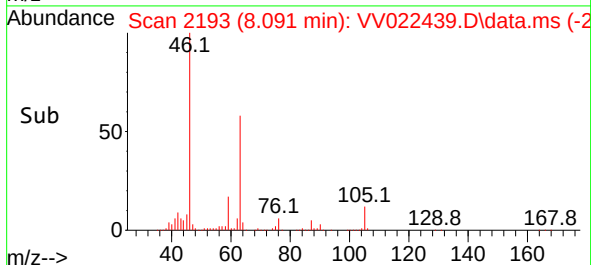
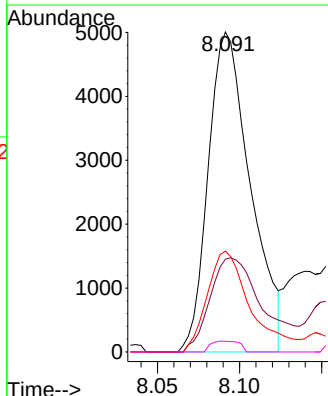
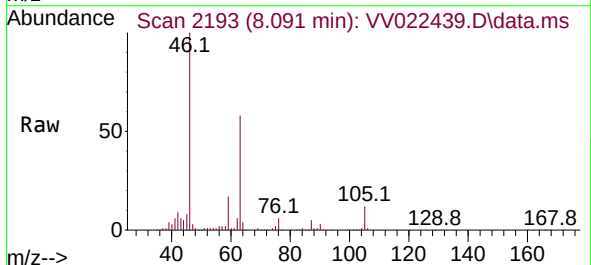
Instrument :  
MSVOA\_V  
ClientSampled :  
F4A07

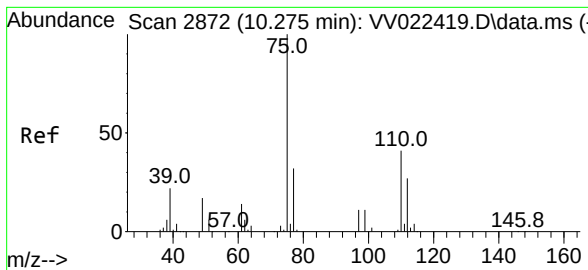
Tgt Ion:164 Resp: 143730  
Ion Ratio Lower Upper  
164 100  
129 88.8 66.4 123.4  
131 87.9 63.6 118.0  
166 128.1 91.6 170.0



#48  
2-Hexanone  
Concen: 4.668 ug/L  
RT: 8.091 min Scan# 2193  
Delta R.T. -0.045 min  
Lab File: VV022439.D  
Acq: 30 Sep 2021 18:06

Tgt Ion: 43 Resp: 8955  
Ion Ratio Lower Upper  
43 100  
58 37.1 45.4 68.2#  
57 32.4 15.0 22.4#  
100 2.3 10.7 16.1#





#61  
 1,2,3-Trichloropropane  
 Concen: 6.188 ug/L  
 RT: 11.249 min Scan# 3175  
 Delta R.T. 0.974 min  
 Lab File: VV022439.D  
 Acq: 30 Sep 2021 18:06

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 F4A07

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 75    | Resp: | 11284 |
| Ion      | Ratio | Lower | Upper |
| 75       | 100   |       |       |
| 77       | 32.5  | 25.4  | 38.0  |
| 110      | 2.3   | 32.6  | 48.8# |

