

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VV093021\  
 Data File : VV022438.D  
 Acq On : 30 Sep 2021 17:42  
 Operator : SY/MD  
 Sample : M3979-11  
 Misc : 5.0mL/MSVOA\_V/WATER  
 ALS Vial : 21 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 F4A06

Quant Time: Oct 01 02:43:28 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

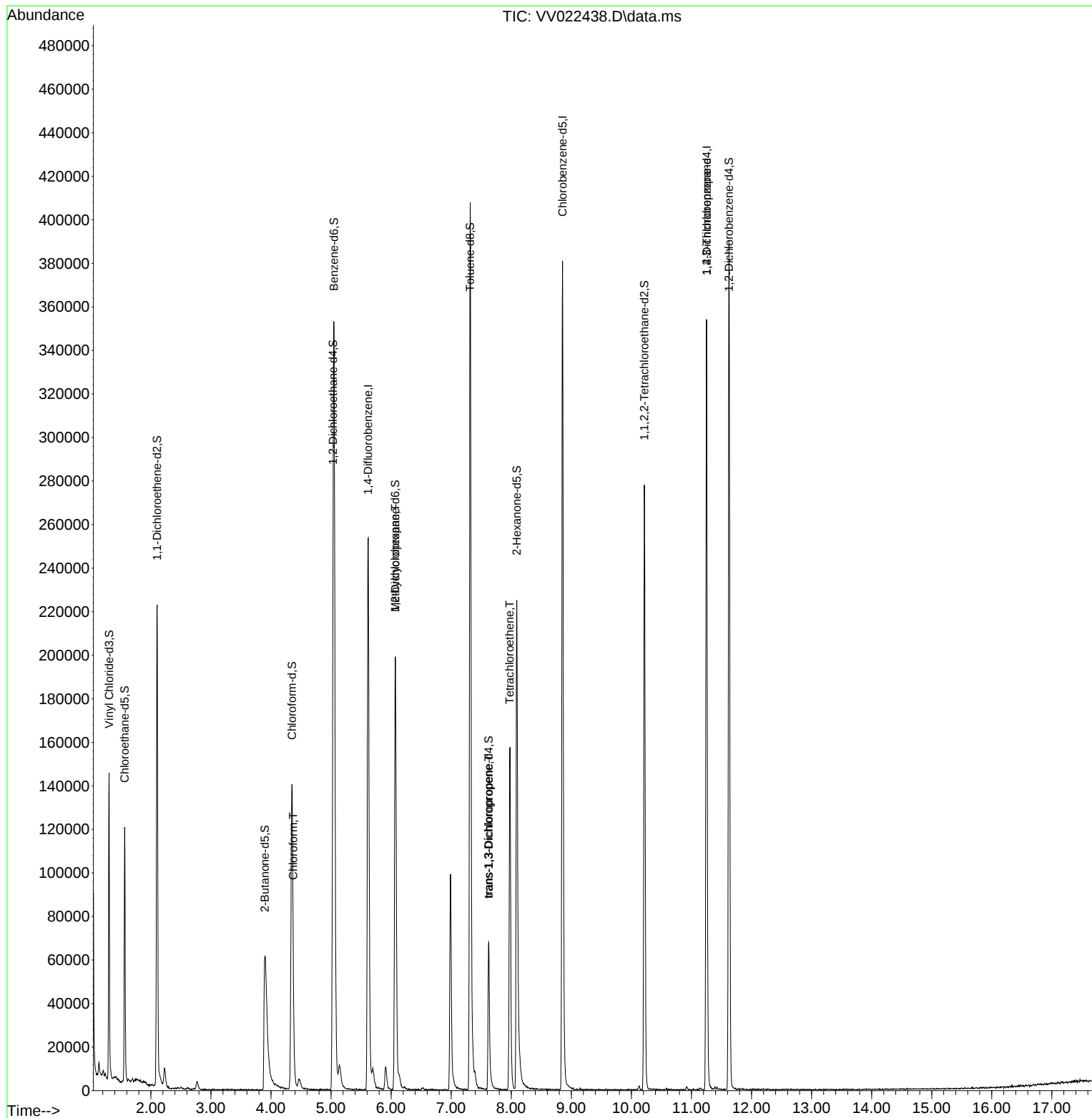
| Compound                      | R.T.    | QIon  | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|---------|-------|----------|----------|--------|----------|
| -----                         |         |       |          |          |        |          |
| Internal Standards            |         |       |          |          |        |          |
| 1) 1,4-Difluorobenzene        | 5.616   | 114   | 227189   | 50.000   | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 8.854   | 117   | 225210   | 50.000   | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.252  | 152   | 98659    | 50.000   | ug/L   | 0.00     |
| System Monitoring Compounds   |         |       |          |          |        |          |
| 4) Vinyl Chloride-d3          | 1.304   | 65    | 87544    | 45.405   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 60 - 135 | Recovery | =      | 90.820%  |
| 7) Chloroethane-d5            | 1.564   | 69    | 69025    | 45.263   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 70 - 130 | Recovery | =      | 90.520%  |
| 11) 1,1-Dichloroethene-d2     | 2.105   | 63    | 114128   | 34.046   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 60 - 125 | Recovery | =      | 68.100%  |
| 21) 2-Butanone-d5             | 3.899   | 46    | 129306   | 95.029   | ug/L   | 0.03     |
| Spiked Amount                 | 100.000 | Range | 40 - 130 | Recovery | =      | 95.030%  |
| 24) Chloroform-d              | 4.349   | 84    | 147461   | 42.356   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 70 - 125 | Recovery | =      | 84.720%  |
| 26) 1,2-Dichloroethane-d4     | 5.034   | 65    | 92028    | 43.105   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 70 - 125 | Recovery | =      | 86.200%  |
| 32) Benzene-d6                | 5.050   | 84    | 304762   | 43.016   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 70 - 125 | Recovery | =      | 86.040%  |
| 36) 1,2-Dichloropropane-d6    | 6.069   | 67    | 96812    | 42.713   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 70 - 120 | Recovery | =      | 85.420%  |
| 41) Toluene-d8                | 7.317   | 98    | 278740   | 42.984   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 80 - 120 | Recovery | =      | 85.960%  |
| 43) trans-1,3-Dichloroprop... | 7.625   | 79    | 41171    | 39.779   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 60 - 125 | Recovery | =      | 79.560%  |
| 47) 2-Hexanone-d5             | 8.091   | 63    | 82637    | 89.725   | ug/L   | 0.00     |
| Spiked Amount                 | 100.000 | Range | 45 - 130 | Recovery | =      | 89.730%  |
| 56) 1,1,2,2-Tetrachloroeth... | 10.217  | 84    | 135017   | 41.036   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 65 - 120 | Recovery | =      | 82.080%  |
| 66) 1,2-Dichlorobenzene-d4    | 11.625  | 152   | 105341   | 48.017   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 80 - 120 | Recovery | =      | 96.040%  |
| Target Compounds              |         |       |          |          |        |          |
| 25) Chloroform                | 4.368   | 83    | 2333     | 0.728    | ug/L   | 95       |
| 35) Methylcyclohexane         | 6.069   | 83    | 23390    | 8.590    | ug/L # | 20       |
| 44) trans-1,3-Dichloropropene | 7.622   | 75    | 1920     | 0.775    | ug/L   | 100      |
| 46) Tetrachloroethene         | 7.976   | 164   | 36686    | 25.209   | ug/L   | 98       |
| 61) 1,2,3-Trichloropropane    | 11.252  | 75    | 10573    | 5.744    | ug/L # | 64       |
| -----                         |         |       |          |          |        |          |

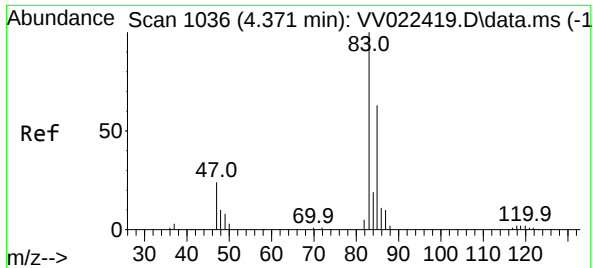
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#25

Chloroform

Concen: 0.728 ug/L

RT: 4.368 min Scan# 1035

Delta R.T. -0.003 min

Lab File: VV022438.D

Acq: 30 Sep 2021 17:42

Tgt Ion: 83 Resp: 2333

Ion Ratio Lower Upper

83 100

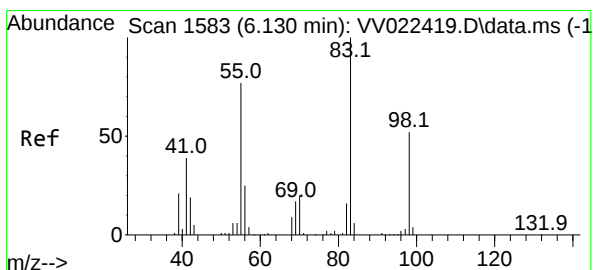
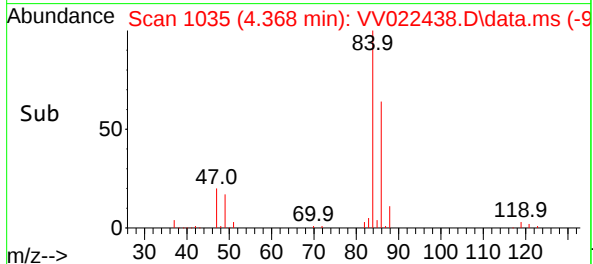
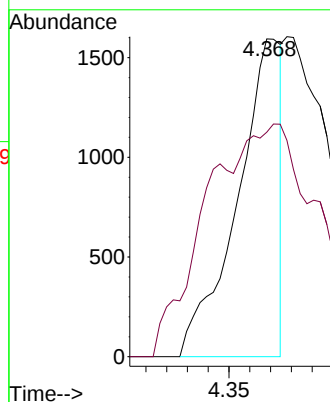
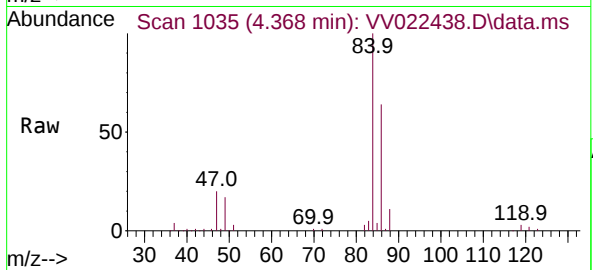
85 70.6 46.5 86.3

Instrument :

MSVOA\_V

ClientSampled :

F4A06



#35

Methylcyclohexane

Concen: 8.590 ug/L

RT: 6.069 min Scan# 1564

Delta R.T. -0.061 min

Lab File: VV022438.D

Acq: 30 Sep 2021 17:42

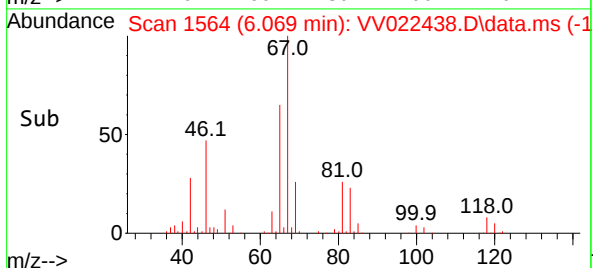
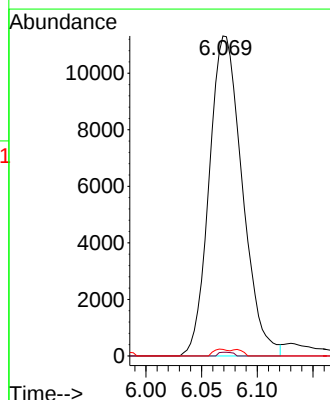
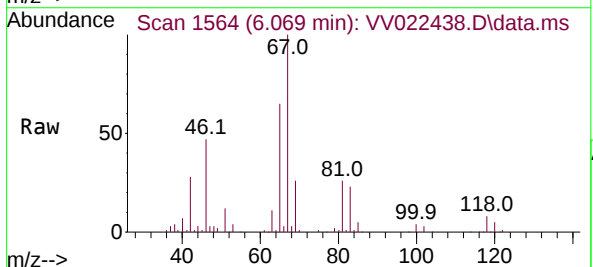
Tgt Ion: 83 Resp: 23390

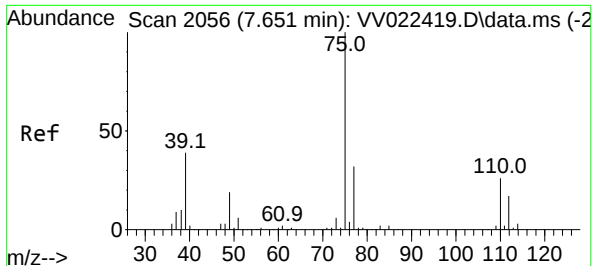
Ion Ratio Lower Upper

83 100

55 0.5 58.6 87.8#

98 1.0 39.2 58.8#

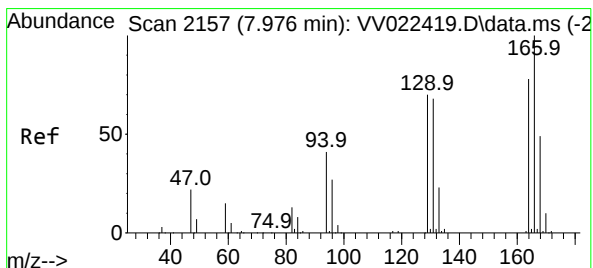
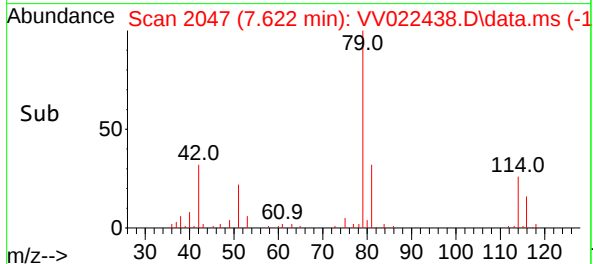
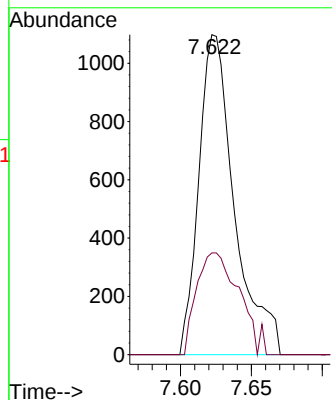
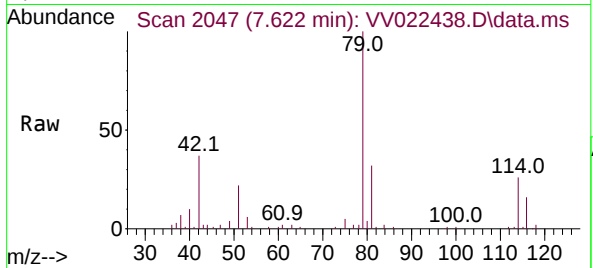




#44  
trans-1,3-Dichloropropene  
Concen: 0.775 ug/L  
RT: 7.622 min Scan# 2047  
Delta R.T. -0.029 min  
Lab File: VV022438.D  
Acq: 30 Sep 2021 17:42

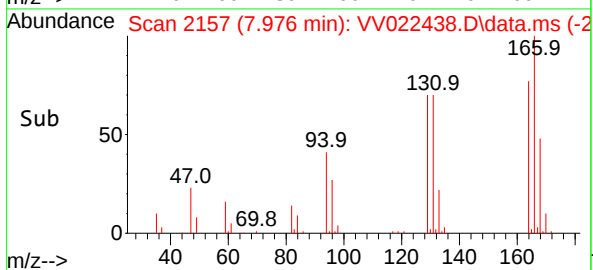
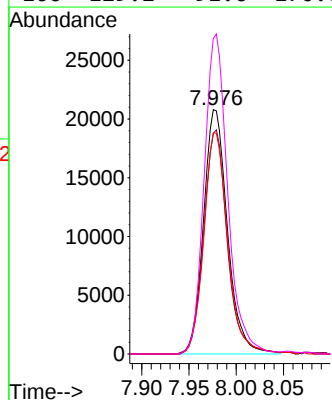
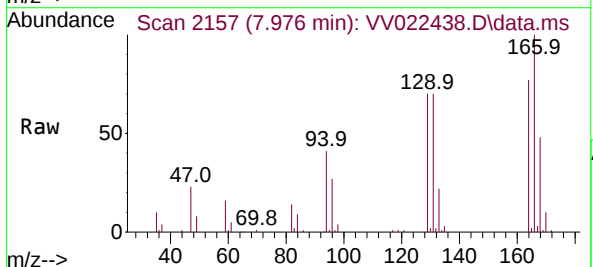
Instrument :  
MSVOA\_V  
ClientSampled :  
F4A06

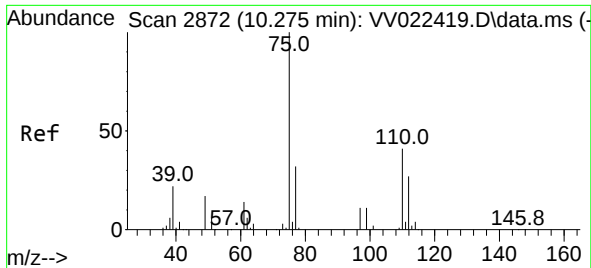
Tgt Ion: 75 Resp: 1920  
Ion Ratio Lower Upper  
75 100  
77 31.8 22.3 41.3



#46  
Tetrachloroethene  
Concen: 25.209 ug/L  
RT: 7.976 min Scan# 2157  
Delta R.T. -0.000 min  
Lab File: VV022438.D  
Acq: 30 Sep 2021 17:42

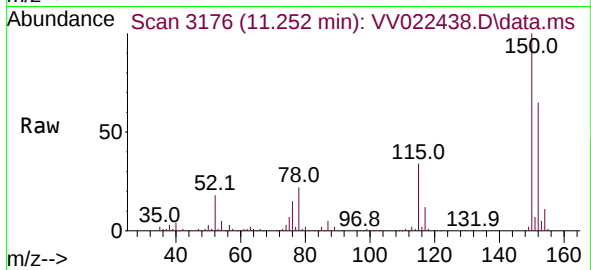
Tgt Ion: 164 Resp: 36686  
Ion Ratio Lower Upper  
164 100  
129 90.2 66.4 123.4  
131 90.5 63.6 118.0  
166 129.2 91.6 170.0





#61  
 1,2,3-Trichloropropane  
 Concen: 5.744 ug/L  
 RT: 11.252 min Scan# 3176  
 Delta R.T. 0.977 min  
 Lab File: VV022438.D  
 Acq: 30 Sep 2021 17:42

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 F4A06



|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 75    | Resp: | 10573 |
| Ion Ratio | Lower | Upper |       |
| 75        | 100   |       |       |
| 77        | 34.2  | 25.4  | 38.0  |
| 110       | 2.7   | 32.6  | 48.8# |

