

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VV081721\  
 Data File : VV021819.D  
 Acq On : 17 Aug 2021 16:58  
 Operator : SY/MD  
 Sample : M3364-23  
 Misc : 5.0mL/MSVOA\_V/WATER  
 ALS Vial : 13 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :

Quant Time: Aug 18 02:10:31 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVLM081621WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Wed Aug 18 02:05:23 2021  
 Response via : Initial Calibration

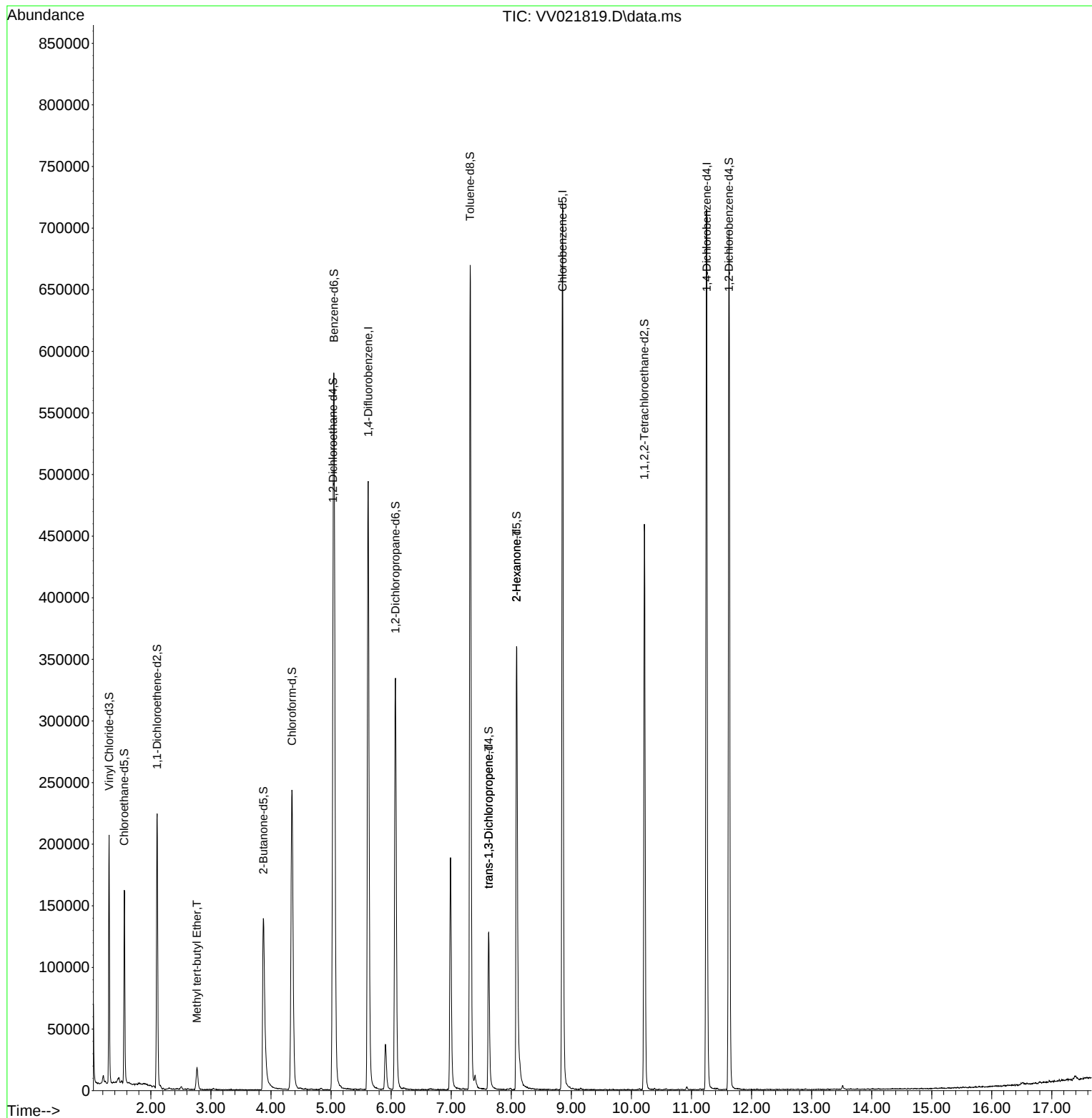
| Compound                      | R.T.    | QIon  | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|---------|-------|----------|----------|--------|----------|
| -----                         |         |       |          |          |        |          |
| Internal Standards            |         |       |          |          |        |          |
| 1) 1,4-Difluorobenzene        | 5.619   | 114   | 454701   | 50.000   | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 8.854   | 117   | 410131   | 50.000   | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.252  | 152   | 197535   | 50.000   | ug/L   | 0.00     |
| System Monitoring Compounds   |         |       |          |          |        |          |
| 4) Vinyl Chloride-d3          | 1.304   | 65    | 125889   | 35.415   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 60 - 135 | Recovery | =      | 70.820%  |
| 7) Chloroethane-d5            | 1.558   | 69    | 104593   | 38.991   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 70 - 130 | Recovery | =      | 77.980%  |
| 11) 1,1-Dichloroethene-d2     | 2.105   | 63    | 114708   | 20.272   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 60 - 125 | Recovery | =      | 40.540%# |
| 21) 2-Butanone-d5             | 3.873   | 46    | 219931   | 99.480   | ug/L   | 0.00     |
| Spiked Amount                 | 100.000 | Range | 40 - 130 | Recovery | =      | 99.480%  |
| 24) Chloroform-d              | 4.349   | 84    | 258434   | 41.963   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 70 - 125 | Recovery | =      | 83.920%  |
| 26) 1,2-Dichloroethane-d4     | 5.034   | 65    | 161255   | 45.520   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 70 - 125 | Recovery | =      | 91.040%  |
| 32) Benzene-d6                | 5.050   | 84    | 518796   | 43.989   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 70 - 125 | Recovery | =      | 87.980%  |
| 36) 1,2-Dichloropropane-d6    | 6.072   | 67    | 172172   | 46.878   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 70 - 120 | Recovery | =      | 93.760%  |
| 41) Toluene-d8                | 7.317   | 98    | 451351   | 41.405   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 80 - 120 | Recovery | =      | 82.800%  |
| 43) trans-1,3-Dichloroprop... | 7.622   | 79    | 75509    | 41.775   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 60 - 125 | Recovery | =      | 83.540%  |
| 47) 2-Hexanone-d5             | 8.088   | 63    | 124453   | 103.389  | ug/L   | 0.00     |
| Spiked Amount                 | 100.000 | Range | 45 - 130 | Recovery | =      | 103.390% |
| 56) 1,1,2,2-Tetrachloroeth... | 10.217  | 84    | 224349   | 49.293   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 65 - 120 | Recovery | =      | 98.580%  |
| 66) 1,2-Dichlorobenzene-d4    | 11.625  | 152   | 193507   | 47.335   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 80 - 120 | Recovery | =      | 94.660%  |
| Target Compounds              |         |       |          |          |        |          |
|                               |         |       |          |          | Qvalue |          |
| 18) Methyl tert-butyl Ether   | 2.767   | 73    | 17856    | 1.841    | ug/L   | 96       |
| 44) trans-1,3-Dichloropropene | 7.622   | 75    | 3522     | 0.739    | ug/L # | 76       |
| 48) 2-Hexanone                | 8.088   | 43    | 14694    | 4.315    | ug/L # | 75       |
| -----                         |         |       |          |          |        |          |

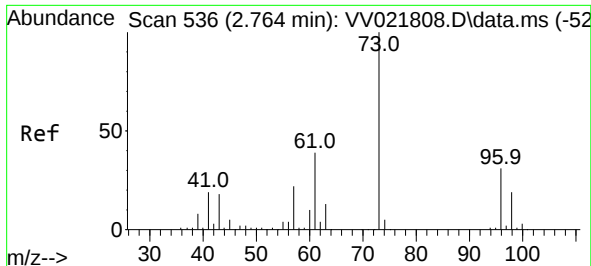
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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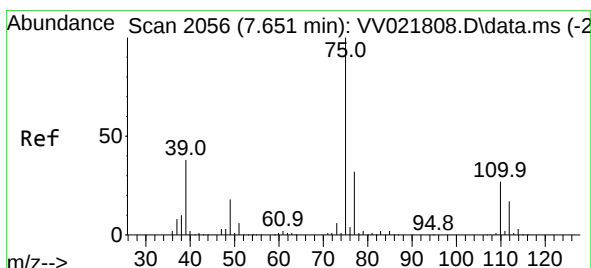
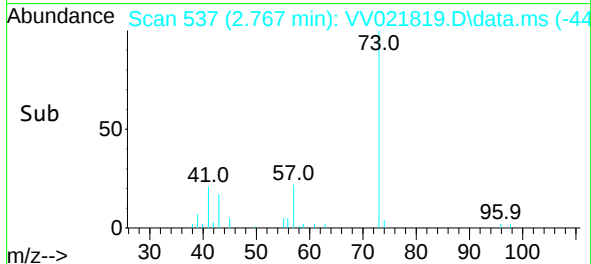
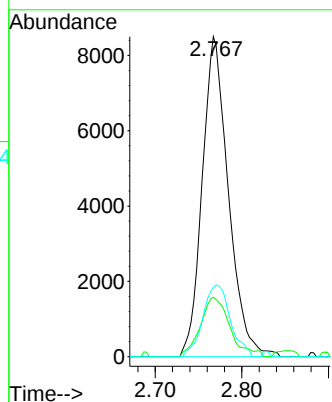
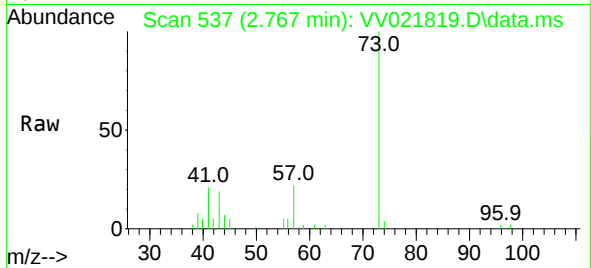




#18  
Methyl tert-butyl Ether  
Concen: 1.841 ug/L  
RT: 2.767 min Scan# 537  
Delta R.T. 0.003 min  
Lab File: VV021819.D  
Acq: 17 Aug 2021 16:58

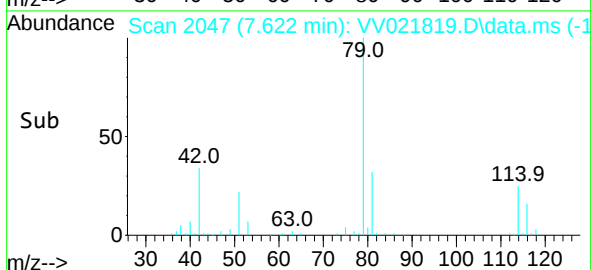
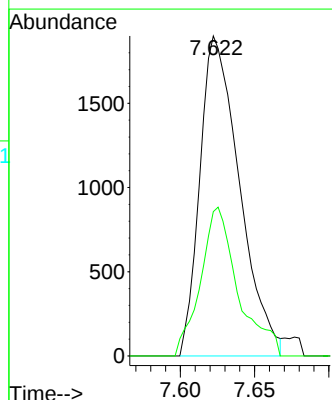
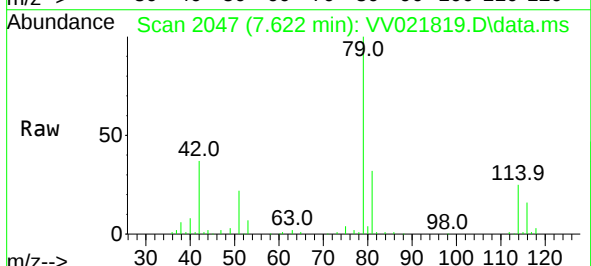
Instrument :  
MSVOA\_V  
ClientSampleId :

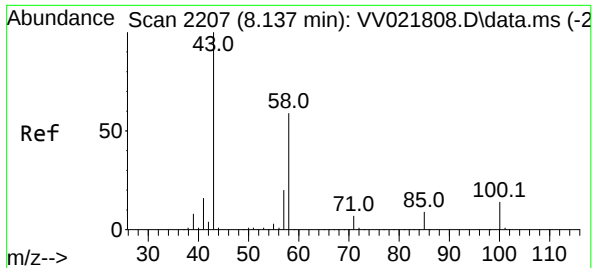
Tgt Ion: 73 Resp: 17856  
Ion Ratio Lower Upper  
73 100  
43 20.5 14.2 21.4  
57 23.5 17.7 26.5



#44  
trans-1,3-Dichloropropene  
Concen: 0.739 ug/L  
RT: 7.622 min Scan# 2047  
Delta R.T. -0.029 min  
Lab File: VV021819.D  
Acq: 17 Aug 2021 16:58

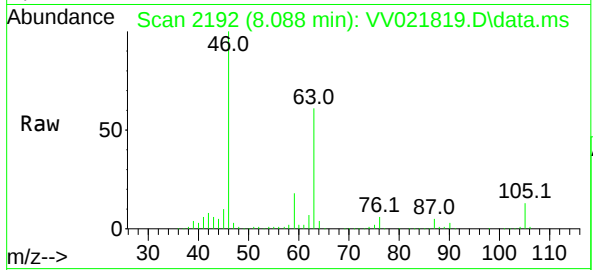
Tgt Ion: 75 Resp: 3522  
Ion Ratio Lower Upper  
75 100  
77 45.1 22.2 41.2#





#48  
 2-Hexanone  
 Concen: 4.315 ug/L  
 RT: 8.088 min Scan# 2192  
 Delta R.T. -0.048 min  
 Lab File: VV021819.D  
 Acq: 17 Aug 2021 16:58

Instrument :  
 MSVOA\_V  
 ClientSampleId :



|             |                 |
|-------------|-----------------|
| Tgt Ion: 43 | Resp: 14694     |
| Ion Ratio   | Lower Upper     |
| 43          | 100             |
| 58          | 34.8 45.4 68.2# |
| 57          | 21.5 15.3 22.9  |
| 100         | 0.0 11.0 16.6#  |

