

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VV081621\  
 Data File : VV021805.D  
 Acq On : 16 Aug 2021 20:53  
 Operator : SY/MD  
 Sample : M3422-10  
 Misc : 5.0mL/MSVOA\_V/WATER  
 ALS Vial : 28 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :

Quant Time: Aug 17 04:33:22 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVLM081621WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Tue Aug 17 04:08:59 2021  
 Response via : Initial Calibration

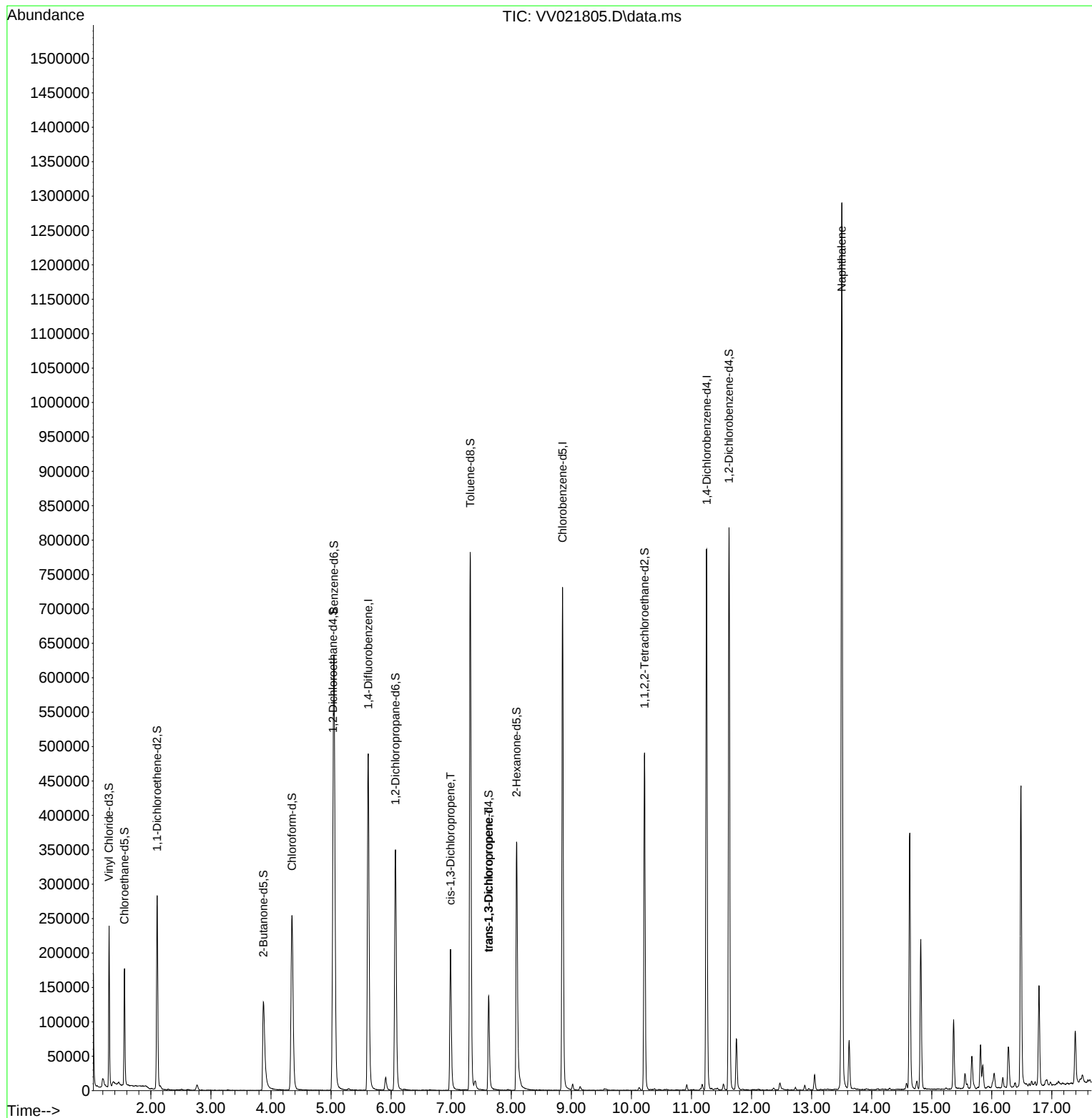
| Compound                      | R.T.           | QIon | Response   | Conc     | Units  | Dev(Min) |
|-------------------------------|----------------|------|------------|----------|--------|----------|
| -----                         |                |      |            |          |        |          |
| Internal Standards            |                |      |            |          |        |          |
| 1) 1,4-Difluorobenzene        | 5.619          | 114  | 453769     | 50.000   | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 8.853          | 117  | 420709     | 50.000   | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.252         | 152  | 214403     | 50.000   | ug/L   | 0.00     |
|                               |                |      |            |          |        |          |
| System Monitoring Compounds   |                |      |            |          |        |          |
| 4) Vinyl Chloride-d3          | 1.304          | 65   | 141541     | 39.900   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 60 - 135 |      | Recovery = | 79.800%  |        |          |
| 7) Chloroethane-d5            | 1.561          | 69   | 110499     | 41.278   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 70 - 130 |      | Recovery = | 82.560%  |        |          |
| 11) 1,1-Dichloroethene-d2     | 2.104          | 63   | 141019     | 24.974   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 60 - 125 |      | Recovery = | 49.940%# |        |          |
| 21) 2-Butanone-d5             | 3.873          | 46   | 207961     | 94.259   | ug/L   | 0.00     |
| Spiked Amount 100.000         | Range 40 - 130 |      | Recovery = | 94.260%  |        |          |
| 24) Chloroform-d              | 4.349          | 84   | 270028     | 43.935   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 70 - 125 |      | Recovery = | 87.880%  |        |          |
| 26) 1,2-Dichloroethane-d4     | 5.034          | 65   | 167948     | 47.506   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 70 - 125 |      | Recovery = | 95.020%  |        |          |
| 32) Benzene-d6                | 5.050          | 84   | 569918     | 47.108   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 70 - 125 |      | Recovery = | 94.220%  |        |          |
| 36) 1,2-Dichloropropane-d6    | 6.072          | 67   | 179599     | 47.671   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 70 - 120 |      | Recovery = | 95.340%  |        |          |
| 41) Toluene-d8                | 7.316          | 98   | 534266     | 47.779   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 80 - 120 |      | Recovery = | 95.560%  |        |          |
| 43) trans-1,3-Dichloroprop... | 7.625          | 79   | 81663      | 44.044   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 60 - 125 |      | Recovery = | 88.080%  |        |          |
| 47) 2-Hexanone-d5             | 8.088          | 63   | 129983     | 105.268  | ug/L   | 0.00     |
| Spiked Amount 100.000         | Range 45 - 130 |      | Recovery = | 105.270% |        |          |
| 56) 1,1,2,2-Tetrachloroeth... | 10.220         | 84   | 238466     | 51.077   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 65 - 120 |      | Recovery = | 102.160% |        |          |
| 66) 1,2-Dichlorobenzene-d4    | 11.625         | 152  | 218508     | 49.245   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 80 - 120 |      | Recovery = | 98.500%  |        |          |
|                               |                |      |            |          |        |          |
| Target Compounds              |                |      |            |          |        | Qvalue   |
| 39) cis-1,3-Dichloropropene   | 6.989          | 75   | 4926       | 0.949    | ug/L # | 65       |
| 44) trans-1,3-Dichloropropene | 7.622          | 75   | 3305       | 0.676    | ug/L   | 90       |
| 71) Naphthalene               | 13.503         | 128  | 1033592    | 84.082   | ug/L   | 99       |
| -----                         |                |      |            |          |        |          |

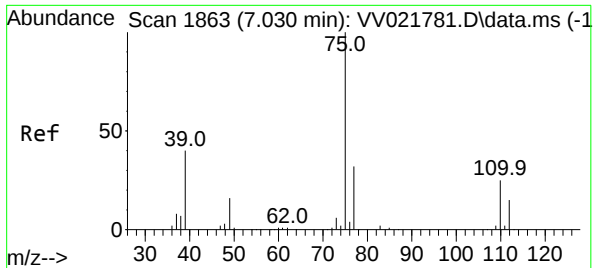
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VV081621\  
Data File : VV021805.D  
Acq On : 16 Aug 2021 20:53  
Operator : SY/MD  
Sample : M3422-10  
Misc : 5.0mL/MSVOA\_V/WATER  
ALS Vial : 28 Sample Multiplier: 1

Instrument :  
MSVOA\_V  
ClientSampleId :

Quant Time: Aug 17 04:33:22 2021  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVLM081621WMA.M  
Quant Title : VOC Analysis  
QLast Update : Tue Aug 17 04:08:59 2021  
Response via : Initial Calibration

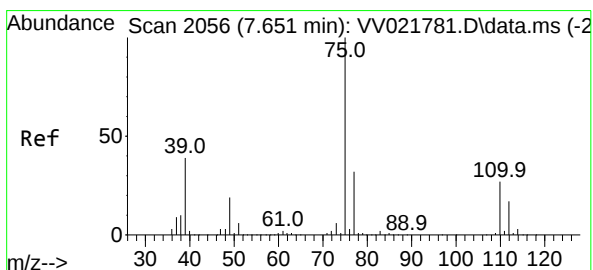
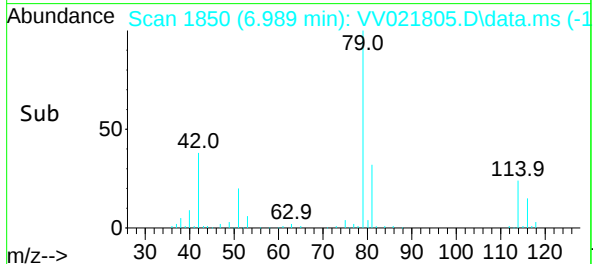
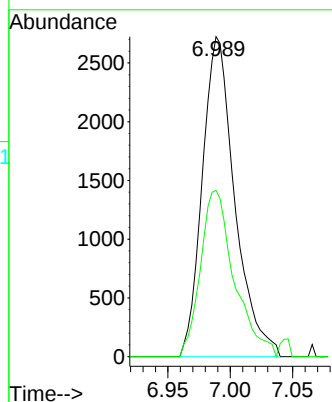
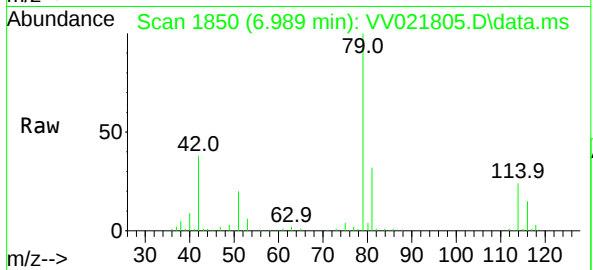




#39  
 cis-1,3-Dichloropropene  
 Concen: 0.949 ug/L  
 RT: 6.989 min Scan# 1850  
 Delta R.T. -0.042 min  
 Lab File: VV021805.D  
 Acq: 16 Aug 2021 20:53

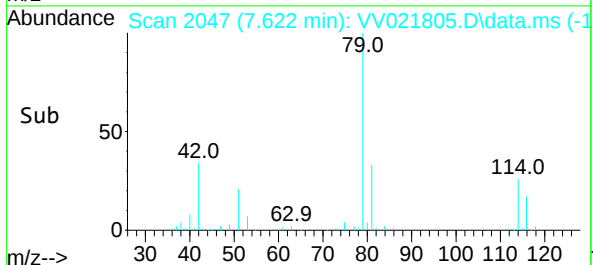
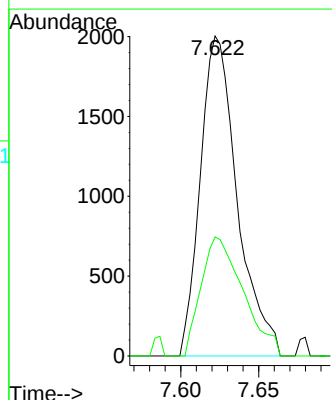
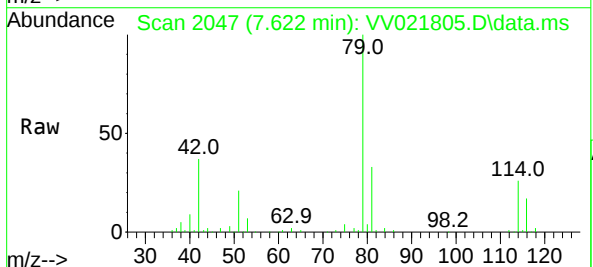
Instrument :  
 MSVOA\_V  
 ClientSampled :

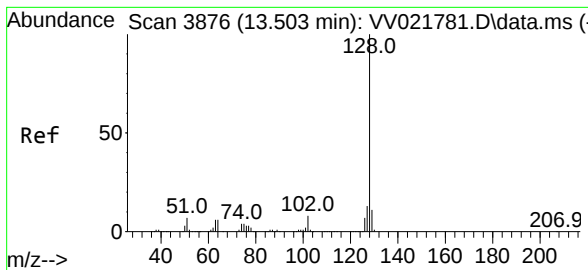
Tgt Ion: 75 Resp: 4926  
 Ion Ratio Lower Upper  
 75 100  
 77 51.9 22.5 41.9#



#44  
 trans-1,3-Dichloropropene  
 Concen: 0.676 ug/L  
 RT: 7.622 min Scan# 2047  
 Delta R.T. -0.029 min  
 Lab File: VV021805.D  
 Acq: 16 Aug 2021 20:53

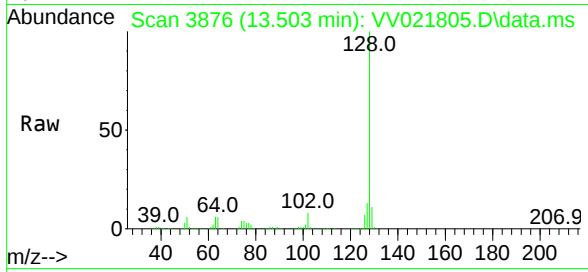
Tgt Ion: 75 Resp: 3305  
 Ion Ratio Lower Upper  
 75 100  
 77 37.2 22.2 41.2





#71  
Naphthalene  
Concen: 84.082 ug/L  
RT: 13.503 min Scan# 3876  
Delta R.T. -0.000 min  
Lab File: VV021805.D  
Acq: 16 Aug 2021 20:53

Instrument :  
MSVOA\_V  
ClientSampleId :



Tgt Ion:128 Resp: 1033592  
Ion Ratio Lower Upper  
128 100  
127 12.9 10.0 15.0  
129 10.9 8.5 12.7

