

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VV081821\  
 Data File : VV021861.D  
 Acq On : 18 Aug 2021 13:28  
 Operator : SY/MD  
 Sample : M3422-05  
 Misc : 5.0mL/MSVOA\_V/WATER  
 ALS Vial : 10 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :

Quant Time: Aug 19 01:17:05 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVLM081621WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Thu Aug 19 01:14:55 2021  
 Response via : Initial Calibration

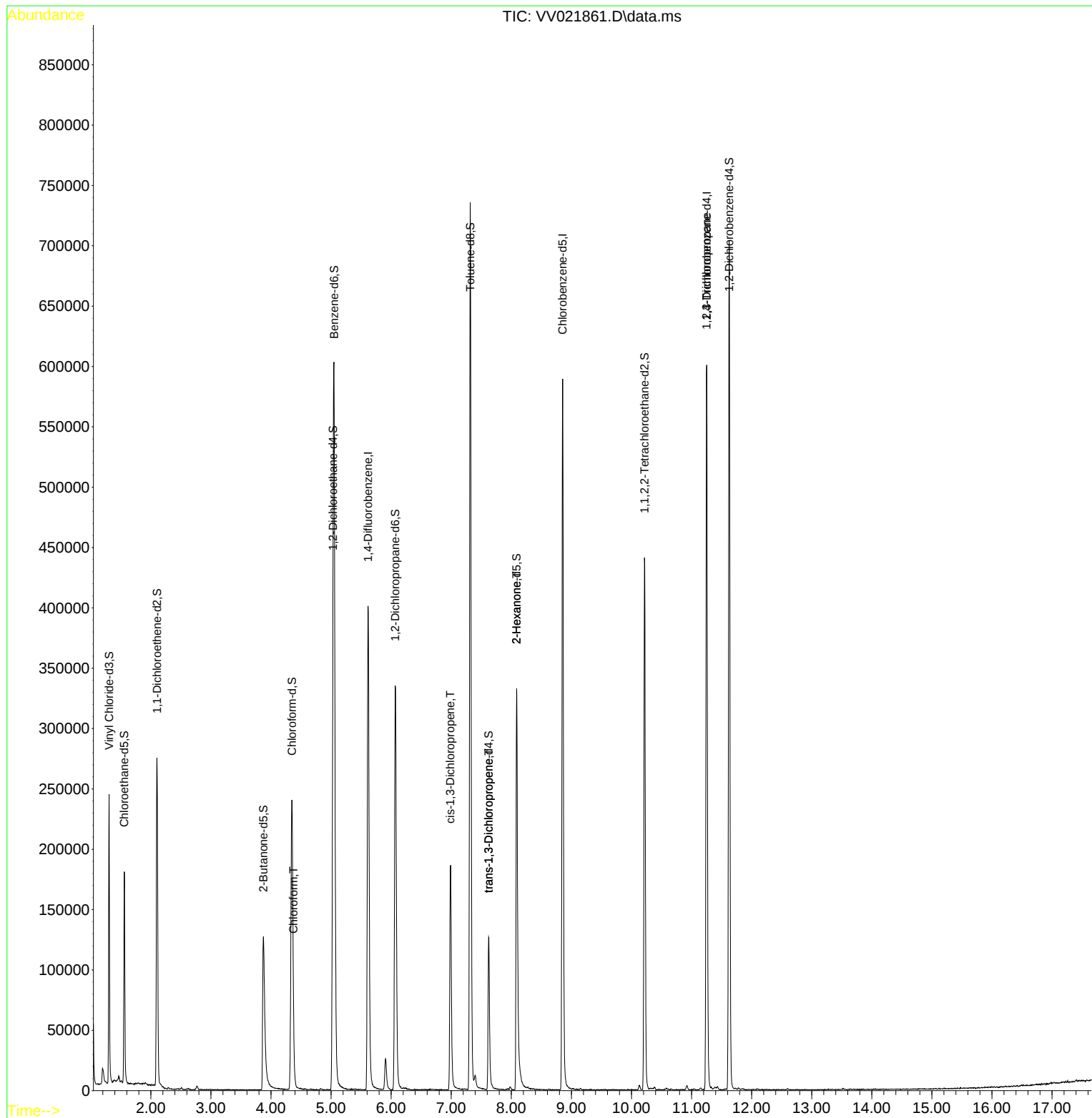
| Compound                      |         | R.T.   | QIon     | Response | Conc    | Units    | Dev(Min) |
|-------------------------------|---------|--------|----------|----------|---------|----------|----------|
| Internal Standards            |         |        |          |          |         |          |          |
| 1) 1,4-Difluorobenzene        |         | 5.616  | 114      | 367205   | 50.000  | ug/L     | 0.00     |
| 28) Chlorobenzene-d5          |         | 8.853  | 117      | 345312   | 50.000  | ug/L     | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    |         | 11.252 | 152      | 163405   | 50.000  | ug/L     | 0.00     |
| System Monitoring Compounds   |         |        |          |          |         |          |          |
| 4) Vinyl Chloride-d3          |         | 1.304  | 65       | 144497   | 50.336  | ug/L     | 0.00     |
| Spiked Amount                 | 50.000  | Range  | 60 - 135 | Recovery | =       | 100.680% |          |
| 7) Chloroethane-d5            |         | 1.558  | 69       | 113879   | 52.568  | ug/L     | 0.00     |
| Spiked Amount                 | 50.000  | Range  | 70 - 130 | Recovery | =       | 105.140% |          |
| 11) 1,1-Dichloroethene-d2     |         | 2.101  | 63       | 151068   | 33.060  | ug/L     | 0.00     |
| Spiked Amount                 | 50.000  | Range  | 60 - 125 | Recovery | =       | 66.120%  |          |
| 21) 2-Butanone-d5             |         | 3.873  | 46       | 201066   | 112.618 | ug/L     | 0.00     |
| Spiked Amount                 | 100.000 | Range  | 40 - 130 | Recovery | =       | 112.620% |          |
| 24) Chloroform-d              |         | 4.349  | 84       | 255612   | 51.394  | ug/L     | 0.00     |
| Spiked Amount                 | 50.000  | Range  | 70 - 125 | Recovery | =       | 102.780% |          |
| 26) 1,2-Dichloroethane-d4     |         | 5.030  | 65       | 156618   | 54.745  | ug/L     | 0.00     |
| Spiked Amount                 | 50.000  | Range  | 70 - 125 | Recovery | =       | 109.500% |          |
| 32) Benzene-d6                |         | 5.050  | 84       | 540330   | 54.414  | ug/L     | 0.00     |
| Spiked Amount                 | 50.000  | Range  | 70 - 125 | Recovery | =       | 108.820% |          |
| 36) 1,2-Dichloropropane-d6    |         | 6.069  | 67       | 171354   | 55.413  | ug/L     | 0.00     |
| Spiked Amount                 | 50.000  | Range  | 70 - 120 | Recovery | =       | 110.820% |          |
| 41) Toluene-d8                |         | 7.317  | 98       | 491888   | 53.594  | ug/L     | 0.00     |
| Spiked Amount                 | 50.000  | Range  | 80 - 120 | Recovery | =       | 107.180% |          |
| 43) trans-1,3-Dichloroprop... |         | 7.622  | 79       | 74207    | 48.761  | ug/L     | 0.00     |
| Spiked Amount                 | 50.000  | Range  | 60 - 125 | Recovery | =       | 97.520%  |          |
| 47) 2-Hexanone-d5             |         | 8.088  | 63       | 115006   | 113.475 | ug/L     | 0.00     |
| Spiked Amount                 | 100.000 | Range  | 45 - 130 | Recovery | =       | 113.470% |          |
| 56) 1,1,2,2-Tetrachloroeth... |         | 10.217 | 84       | 217315   | 56.710  | ug/L     | 0.00     |
| Spiked Amount                 | 50.000  | Range  | 65 - 120 | Recovery | =       | 113.420% |          |
| 66) 1,2-Dichlorobenzene-d4    |         | 11.625 | 152      | 190402   | 56.303  | ug/L     | 0.00     |
| Spiked Amount                 | 50.000  | Range  | 80 - 120 | Recovery | =       | 112.600% |          |
| Target Compounds              |         |        |          |          |         |          | Qvalue   |
| 25) Chloroform                |         | 4.371  | 83       | 3033     | 0.622   | ug/L     | 78       |
| 39) cis-1,3-Dichloropropene   |         | 6.985  | 75       | 4480     | 1.051   | ug/L #   | 53       |
| 44) trans-1,3-Dichloropropene |         | 7.622  | 75       | 3022     | 0.753   | ug/L     | 95       |
| 48) 2-Hexanone                |         | 8.088  | 43       | 13422    | 4.682   | ug/L #   | 72       |
| 61) 1,2,3-Trichloropropane    |         | 11.249 | 75       | 17781    | 5.888   | ug/L #   | 63       |

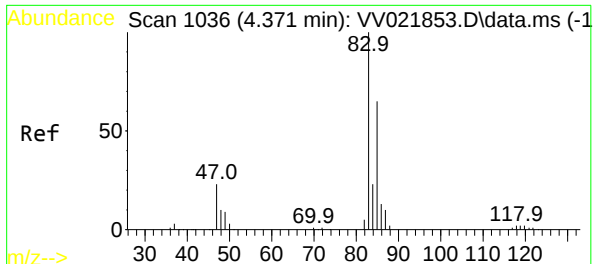
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VV081821\  
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Acq On : 18 Aug 2021 13:28  
Operator : SY/MD  
Sample : M3422-05  
Misc : 5.0mL/MSVOA\_V/WATER  
ALS Vial : 10 Sample Multiplier: 1

Instrument :  
MSVOA\_V  
ClientSampleId :

Quant Time: Aug 19 01:17:05 2021  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVLM081621WMA.M  
Quant Title : VOC Analysis  
QLast Update : Thu Aug 19 01:14:55 2021  
Response via : Initial Calibration





#25

Chloroform

Concen: 0.622 ug/L

RT: 4.371 min Scan# 1036

Delta R.T. -0.000 min

Lab File: VV021861.D

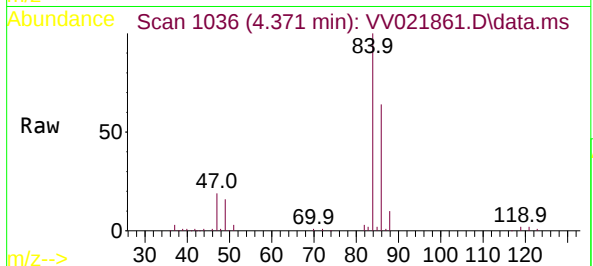
Acq: 18 Aug 2021 13:28

Tgt Ion: 83 Resp: 3033

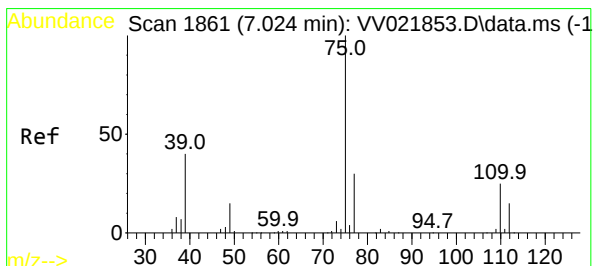
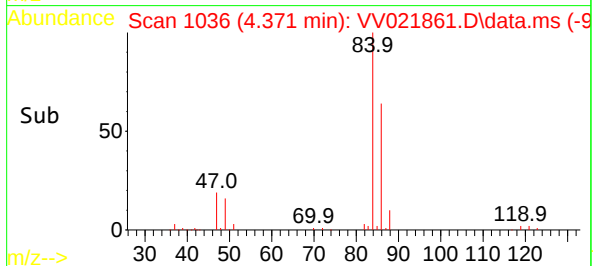
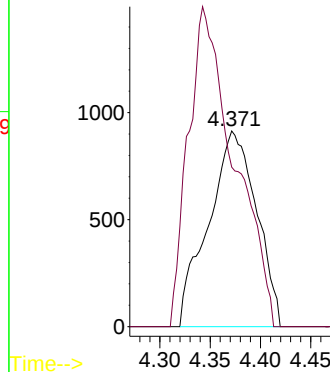
Ion Ratio Lower Upper

83 100

85 81.5 44.8 83.2



Abundance



#39

cis-1,3-Dichloropropene

Concen: 1.051 ug/L

RT: 6.985 min Scan# 1849

Delta R.T. -0.039 min

Lab File: VV021861.D

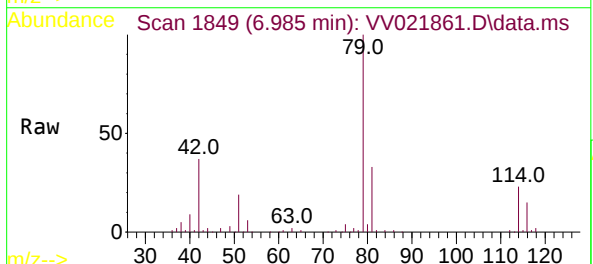
Acq: 18 Aug 2021 13:28

Tgt Ion: 75 Resp: 4480

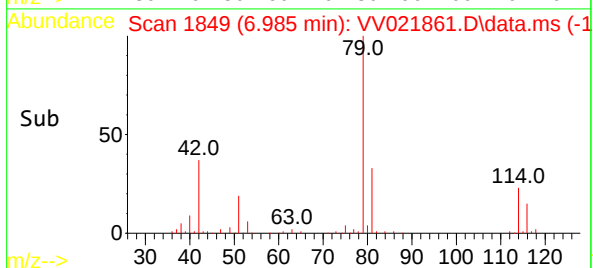
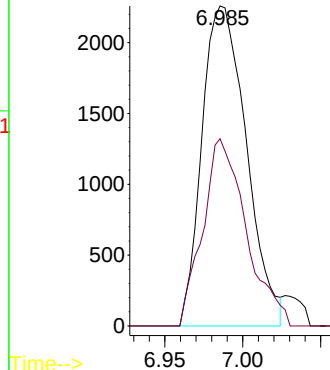
Ion Ratio Lower Upper

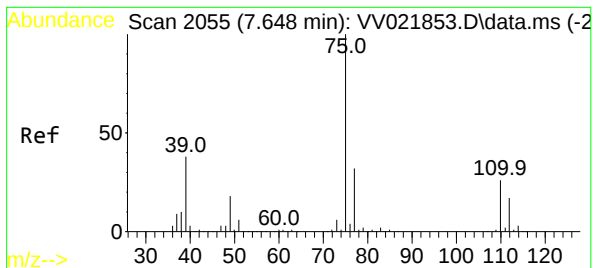
75 100

77 58.5 22.5 41.9#



Abundance



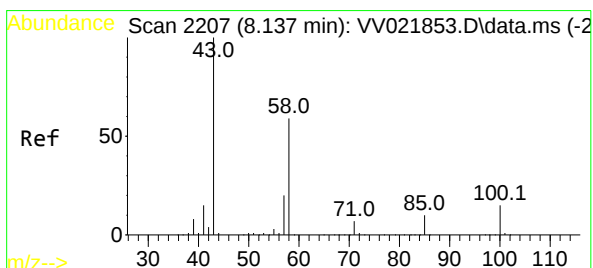
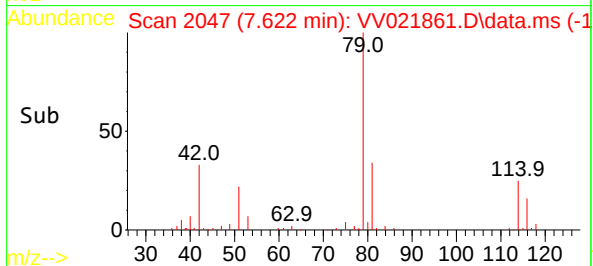
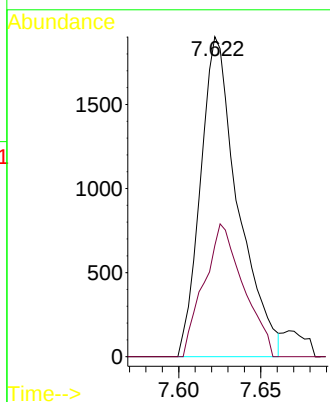
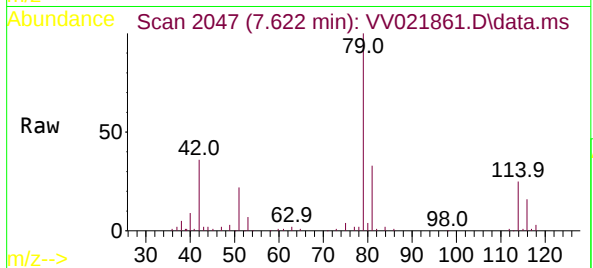


#44

trans-1,3-Dichloropropene  
Concen: 0.753 ug/L  
RT: 7.622 min Scan# 2047  
Delta R.T. -0.026 min  
Lab File: VV021861.D  
Acq: 18 Aug 2021 13:28

Instrument :  
MSVOA\_V  
ClientSampled :

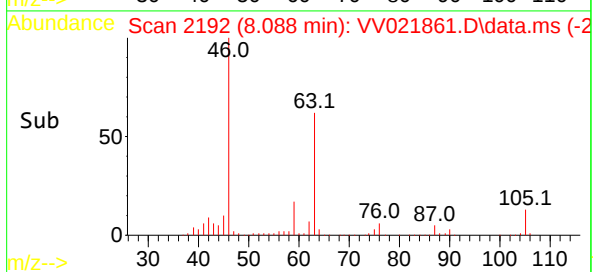
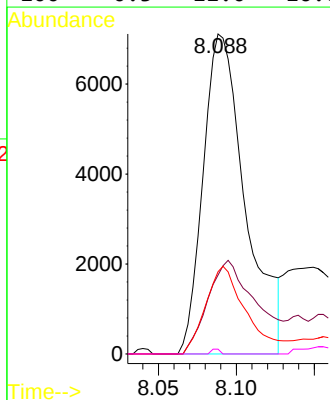
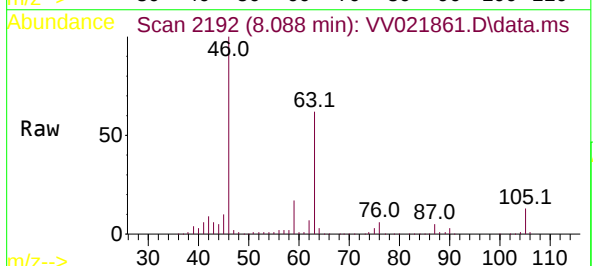
Tgt Ion: 75 Resp: 3022  
Ion Ratio Lower Upper  
75 100  
77 34.7 22.2 41.2

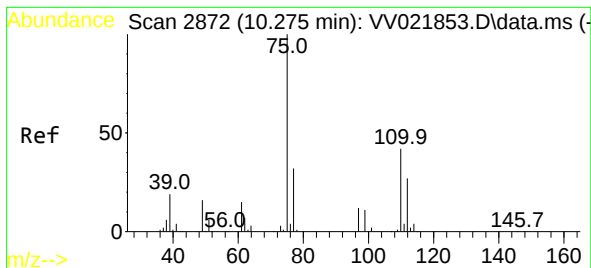


#48

2-Hexanone  
Concen: 4.682 ug/L  
RT: 8.088 min Scan# 2192  
Delta R.T. -0.048 min  
Lab File: VV021861.D  
Acq: 18 Aug 2021 13:28

Tgt Ion: 43 Resp: 13422  
Ion Ratio Lower Upper  
43 100  
58 33.8 45.4 68.2#  
57 26.4 15.3 22.9#  
100 0.3 11.0 16.6#





#61  
 1,2,3-Trichloropropane  
 Concen: 5.888 ug/L  
 RT: 11.249 min Scan# 3175  
 Delta R.T. 0.974 min  
 Lab File: VV021861.D  
 Acq: 18 Aug 2021 13:28

Instrument :  
 MSVOA\_V  
 ClientSampleId :

|             |                |
|-------------|----------------|
| Tgt Ion: 75 | Resp: 17781    |
| Ion Ratio   | Lower Upper    |
| 75          | 100            |
| 77          | 33.9 25.5 38.3 |
| 110         | 2.9 33.4 50.2# |

