

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VV083021\  
 Data File : VV022021.D  
 Acq On : 30 Aug 2021 22:42  
 Operator : SY/MD  
 Sample : M3566-17  
 Misc : 5.0mL/MSVOA\_V/WATER  
 ALS Vial : 34 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :

Quant Time: Aug 31 04:31:51 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVLM082721WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Tue Aug 31 04:25:57 2021  
 Response via : Initial Calibration

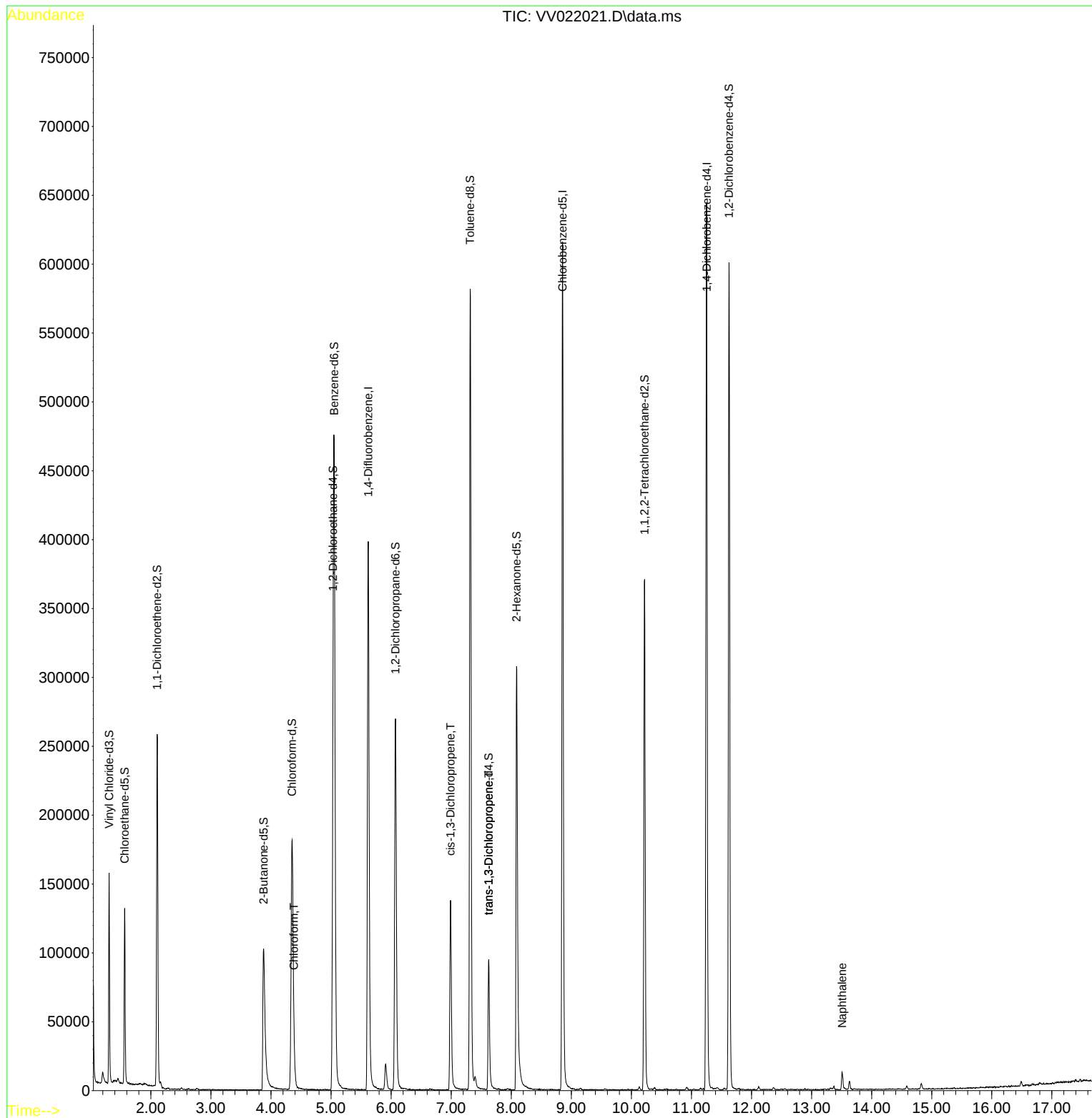
| Compound                      | R.T.    | QIon  | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|---------|-------|----------|----------|--------|----------|
| -----                         |         |       |          |          |        |          |
| Internal Standards            |         |       |          |          |        |          |
| 1) 1,4-Difluorobenzene        | 5.619   | 114   | 363850   | 50.000   | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 8.853   | 117   | 353066   | 50.000   | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.252  | 152   | 176159   | 50.000   | ug/L   | 0.00     |
| System Monitoring Compounds   |         |       |          |          |        |          |
| 4) Vinyl Chloride-d3          | 1.304   | 65    | 92367    | 36.658   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 60 - 135 | Recovery | =      | 73.320%  |
| 7) Chloroethane-d5            | 1.564   | 69    | 82235    | 41.792   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 70 - 130 | Recovery | =      | 83.580%  |
| 11) 1,1-Dichloroethene-d2     | 2.105   | 63    | 128873   | 30.926   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 60 - 125 | Recovery | =      | 61.860%  |
| 21) 2-Butanone-d5             | 3.876   | 46    | 167008   | 96.645   | ug/L   | 0.00     |
| Spiked Amount                 | 100.000 | Range | 40 - 130 | Recovery | =      | 96.640%  |
| 24) Chloroform-d              | 4.349   | 84    | 189599   | 41.267   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 70 - 125 | Recovery | =      | 82.540%  |
| 26) 1,2-Dichloroethane-d4     | 5.034   | 65    | 124705   | 46.081   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 70 - 125 | Recovery | =      | 92.160%  |
| 32) Benzene-d6                | 5.053   | 84    | 424757   | 44.355   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 70 - 125 | Recovery | =      | 88.700%  |
| 36) 1,2-Dichloropropane-d6    | 6.072   | 67    | 138383   | 45.950   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 70 - 120 | Recovery | =      | 91.900%  |
| 41) Toluene-d8                | 7.317   | 98    | 394400   | 43.629   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 80 - 120 | Recovery | =      | 87.260%  |
| 43) trans-1,3-Dichloroprop... | 7.625   | 79    | 56203    | 39.209   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 60 - 125 | Recovery | =      | 78.420%  |
| 47) 2-Hexanone-d5             | 8.088   | 63    | 106993   | 92.590   | ug/L   | 0.00     |
| Spiked Amount                 | 100.000 | Range | 45 - 130 | Recovery | =      | 92.590%  |
| 56) 1,1,2,2-Tetrachloroeth... | 10.220  | 84    | 179644   | 46.575   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 65 - 120 | Recovery | =      | 93.160%  |
| 66) 1,2-Dichlorobenzene-d4    | 11.625  | 152   | 159123   | 45.948   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 80 - 120 | Recovery | =      | 91.900%  |
| Target Compounds              |         |       |          |          |        |          |
| 25) Chloroform                | 4.381   | 83    | 16568    | 3.463    | ug/L   | 97       |
| 39) cis-1,3-Dichloropropene   | 6.989   | 75    | 3389     | 0.824    | ug/L # | 63       |
| 44) trans-1,3-Dichloropropene | 7.625   | 75    | 2442     | 0.638    | ug/L # | 82       |
| 71) Naphthalene               | 13.509  | 128   | 10383    | 0.976    | ug/L   | 97       |
| -----                         |         |       |          |          |        |          |

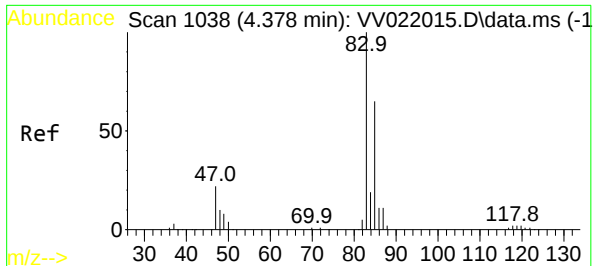
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#25

Chloroform

Concen: 3.463 ug/L

RT: 4.381 min Scan# 1039

Delta R.T. 0.003 min

Lab File: VV022021.D

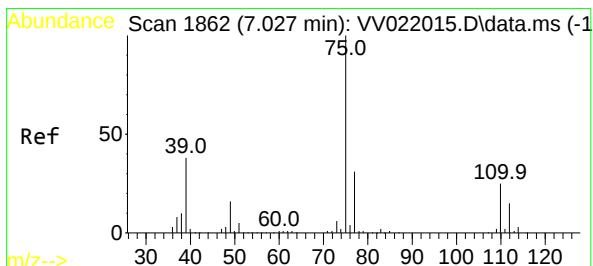
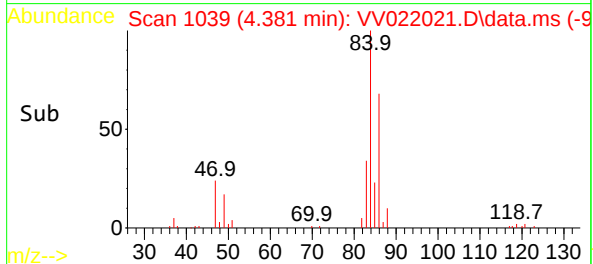
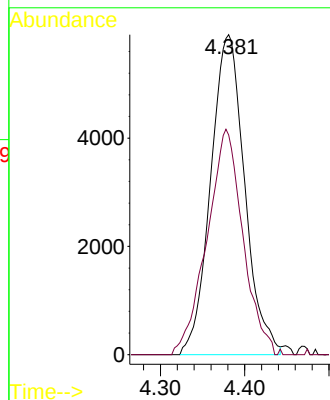
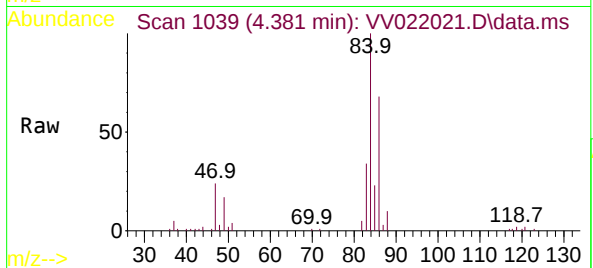
Acq: 30 Aug 2021 22:42

Tgt Ion: 83 Resp: 16568

Ion Ratio Lower Upper

83 100

85 68.7 46.3 85.9



#39

cis-1,3-Dichloropropene

Concen: 0.824 ug/L

RT: 6.989 min Scan# 1850

Delta R.T. -0.039 min

Lab File: VV022021.D

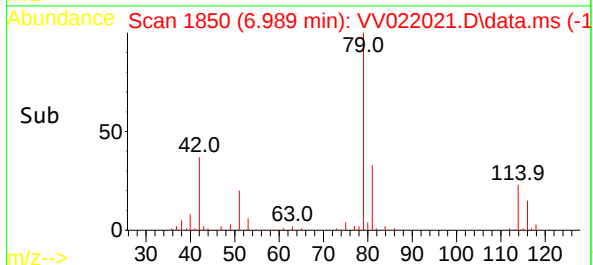
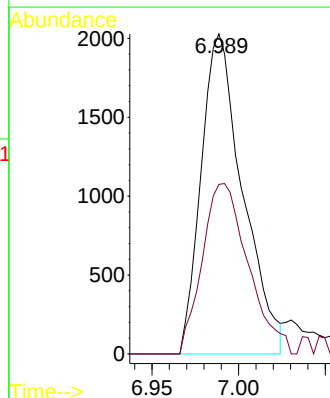
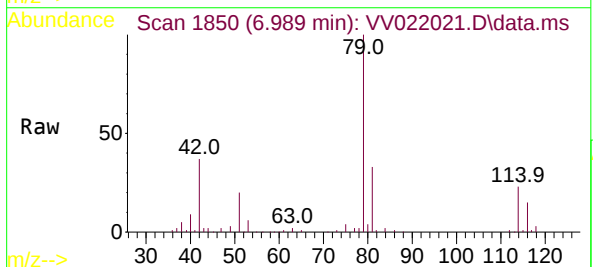
Acq: 30 Aug 2021 22:42

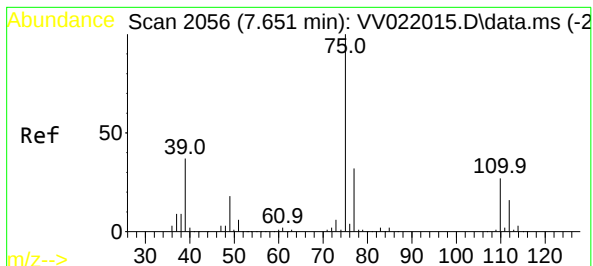
Tgt Ion: 75 Resp: 3389

Ion Ratio Lower Upper

75 100

77 53.0 22.7 42.1#



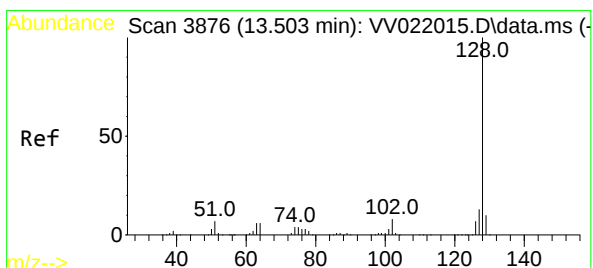
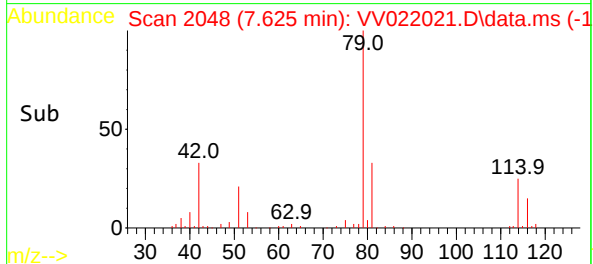
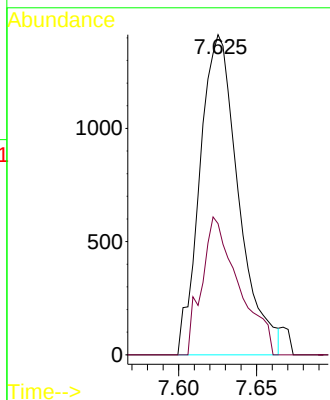
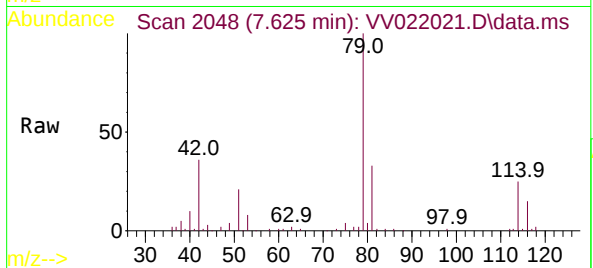


#44

trans-1,3-Dichloropropene  
Concen: 0.638 ug/L  
RT: 7.625 min Scan# 2048  
Delta R.T. -0.026 min  
Lab File: VV022021.D  
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Instrument :  
MSVOA\_V  
ClientSampled :

Tgt Ion: 75 Resp: 2442  
Ion Ratio Lower Upper  
75 100  
77 40.9 21.8 40.6#



#71

Naphthalene  
Concen: 0.976 ug/L  
RT: 13.509 min Scan# 3878  
Delta R.T. 0.006 min  
Lab File: VV022021.D  
Acq: 30 Aug 2021 22:42

Tgt Ion: 128 Resp: 10383  
Ion Ratio Lower Upper  
128 100  
127 14.3 10.1 15.1  
129 11.6 8.7 13.1

