

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VV081921\  
 Data File : VV021893.D  
 Acq On : 19 Aug 2021 16:47  
 Operator : SY/MD  
 Sample : M3448-20  
 Misc : 5.0mL/MSVOA\_V/WATER  
 ALS Vial : 20 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 DBKG5

Quant Time: Aug 20 02:18:27 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVLM081621WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Fri Aug 20 02:14:47 2021  
 Response via : Initial Calibration

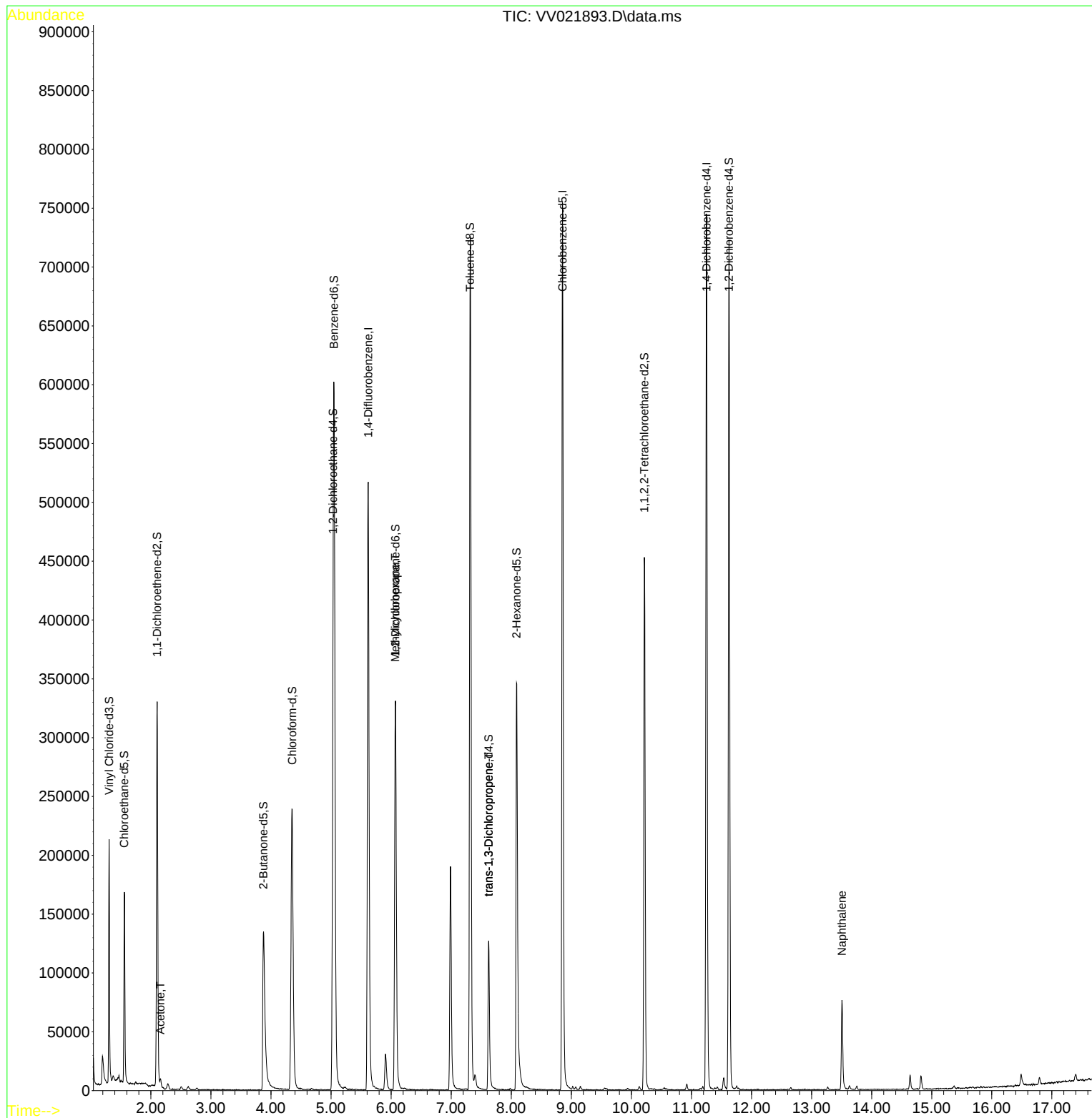
| Compound                      | R.T.    | QIon  | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|---------|-------|----------|----------|--------|----------|
| -----                         |         |       |          |          |        |          |
| Internal Standards            |         |       |          |          |        |          |
| 1) 1,4-Difluorobenzene        | 5.619   | 114   | 480454   | 50.000   | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 8.853   | 117   | 435988   | 50.000   | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.249  | 152   | 208213   | 50.000   | ug/L   | 0.00     |
| System Monitoring Compounds   |         |       |          |          |        |          |
| 4) Vinyl Chloride-d3          | 1.304   | 65    | 131931   | 35.125   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 60 - 135 | Recovery | =      | 70.260%  |
| 7) Chloroethane-d5            | 1.558   | 69    | 106036   | 37.410   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 70 - 130 | Recovery | =      | 74.820%  |
| 11) 1,1-Dichloroethene-d2     | 2.105   | 63    | 165862   | 27.742   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 60 - 125 | Recovery | =      | 55.480%# |
| 21) 2-Butanone-d5             | 3.873   | 46    | 213493   | 91.392   | ug/L   | 0.00     |
| Spiked Amount                 | 100.000 | Range | 40 - 130 | Recovery | =      | 91.390%  |
| 24) Chloroform-d              | 4.352   | 84    | 253687   | 38.984   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 70 - 125 | Recovery | =      | 77.960%  |
| 26) 1,2-Dichloroethane-d4     | 5.034   | 65    | 156314   | 41.760   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 70 - 125 | Recovery | =      | 83.520%  |
| 32) Benzene-d6                | 5.050   | 84    | 543562   | 43.355   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 70 - 125 | Recovery | =      | 86.720%  |
| 36) 1,2-Dichloropropane-d6    | 6.072   | 67    | 171168   | 43.841   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 70 - 120 | Recovery | =      | 87.680%  |
| 41) Toluene-d8                | 7.317   | 98    | 496109   | 42.812   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 80 - 120 | Recovery | =      | 85.620%  |
| 43) trans-1,3-Dichloroprop... | 7.625   | 79    | 74977    | 39.020   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 60 - 125 | Recovery | =      | 78.040%  |
| 47) 2-Hexanone-d5             | 8.088   | 63    | 120062   | 93.826   | ug/L   | 0.00     |
| Spiked Amount                 | 100.000 | Range | 45 - 130 | Recovery | =      | 93.830%  |
| 56) 1,1,2,2-Tetrachloroeth... | 10.217  | 84    | 221107   | 45.700   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 65 - 120 | Recovery | =      | 91.400%  |
| 66) 1,2-Dichlorobenzene-d4    | 11.625  | 152   | 194679   | 45.179   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 80 - 120 | Recovery | =      | 90.360%  |
| Target Compounds              |         |       |          |          |        |          |
|                               |         |       |          |          | Qvalue |          |
| 13) Acetone                   | 2.159   | 43    | 5690     | 2.960    | ug/L # | 100      |
| 35) Methylcyclohexane         | 6.069   | 83    | 39827    | 7.081    | ug/L # | 21       |
| 44) trans-1,3-Dichloropropene | 7.625   | 75    | 3122     | 0.616    | ug/L # | 74       |
| 71) Naphthalene               | 13.506  | 128   | 66052    | 5.533    | ug/L   | 99       |
| -----                         |         |       |          |          |        |          |

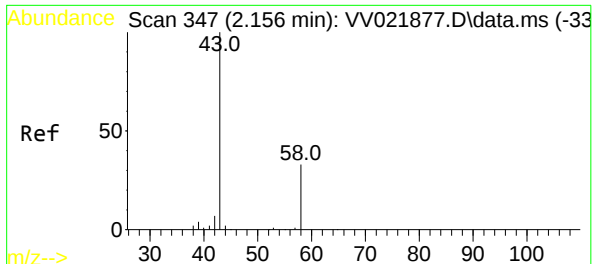
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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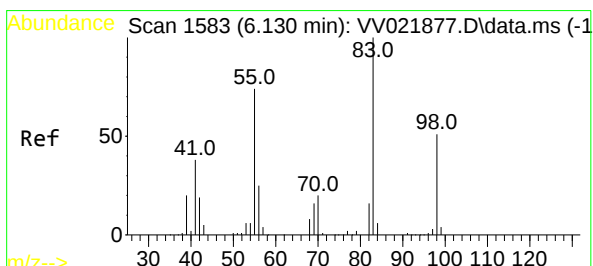
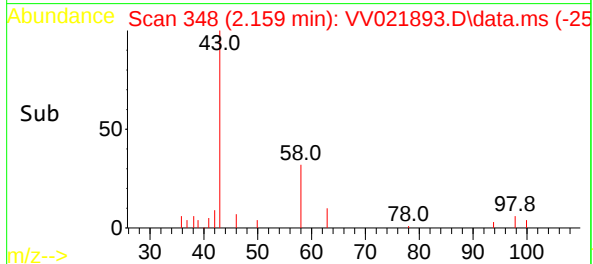
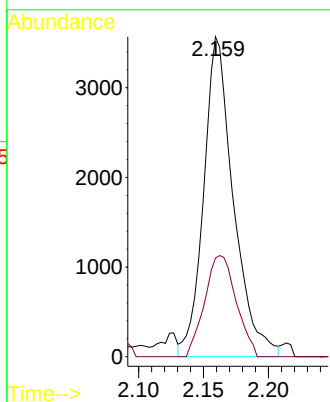
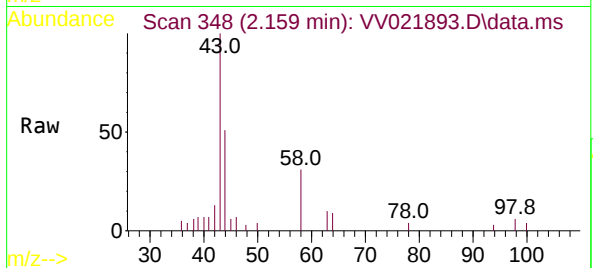




#13  
Acetone  
Concen: 2.960 ug/L  
RT: 2.159 min Scan# 348  
Delta R.T. 0.003 min  
Lab File: VV021893.D  
Acq: 19 Aug 2021 16:47

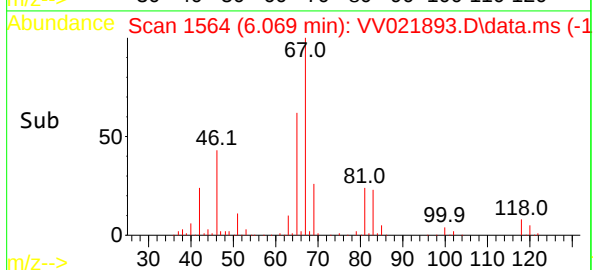
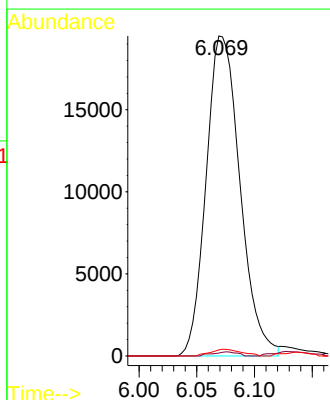
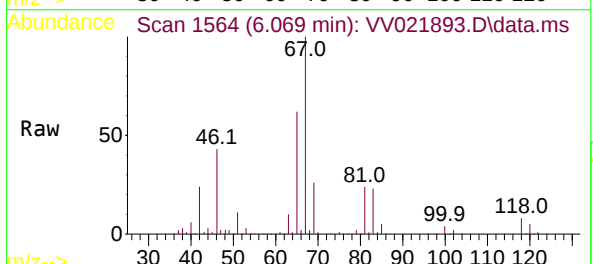
Instrument :  
MSVOA\_V  
ClientSampleId :  
DBKG5

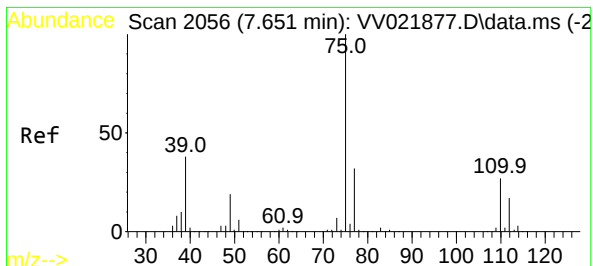
Tgt Ion: 43 Resp: 5690  
Ion Ratio Lower Upper  
43 100  
58 33.3 0.0 0.0#



#35  
Methylcyclohexane  
Concen: 7.081 ug/L  
RT: 6.069 min Scan# 1564  
Delta R.T. -0.061 min  
Lab File: VV021893.D  
Acq: 19 Aug 2021 16:47

Tgt Ion: 83 Resp: 39827  
Ion Ratio Lower Upper  
83 100  
55 0.7 57.9 86.9#  
98 1.9 39.9 59.9#



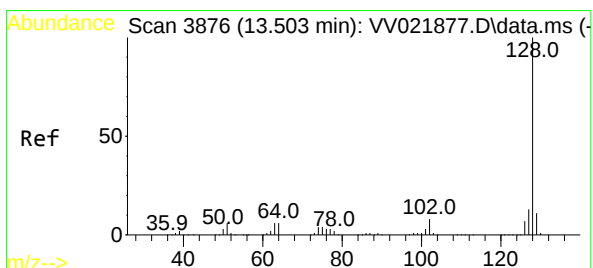
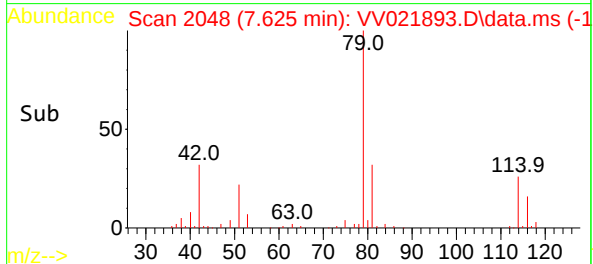
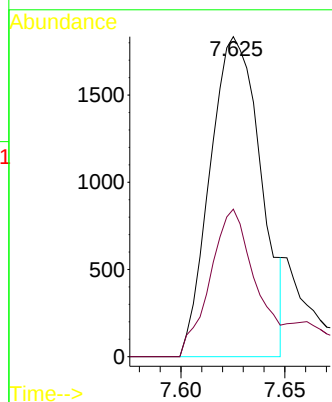
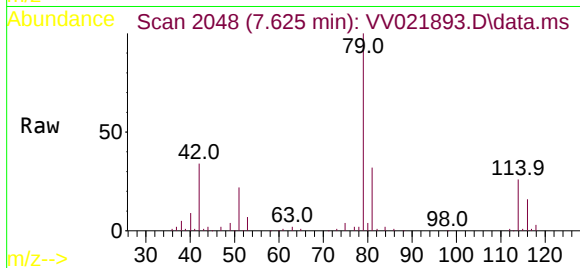


#44

trans-1,3-Dichloropropene  
Concen: 0.616 ug/L  
RT: 7.625 min Scan# 2048  
Delta R.T. -0.026 min  
Lab File: VV021893.D  
Acq: 19 Aug 2021 16:47

Instrument :  
MSVOA\_V  
ClientSampleId :  
DBKG5

Tgt Ion: 75 Resp: 3122  
Ion Ratio Lower Upper  
75 100  
77 46.1 22.2 41.2#



#71

Naphthalene  
Concen: 5.533 ug/L  
RT: 13.506 min Scan# 3877  
Delta R.T. 0.003 min  
Lab File: VV021893.D  
Acq: 19 Aug 2021 16:47

Tgt Ion:128 Resp: 66052  
Ion Ratio Lower Upper  
128 100  
127 13.0 10.0 15.0  
129 10.4 8.5 12.7

