

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VV090721\  
 Data File : VV022113.D  
 Acq On : 07 Sep 2021 20:13  
 Operator : SY/MD  
 Sample : M3651-11  
 Misc : 5.0mL/MSVOA\_V/WATER  
 ALS Vial : 20 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :

Quant Time: Sep 08 01:19:51 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVLM082721WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Wed Sep 08 01:14:49 2021  
 Response via : Initial Calibration

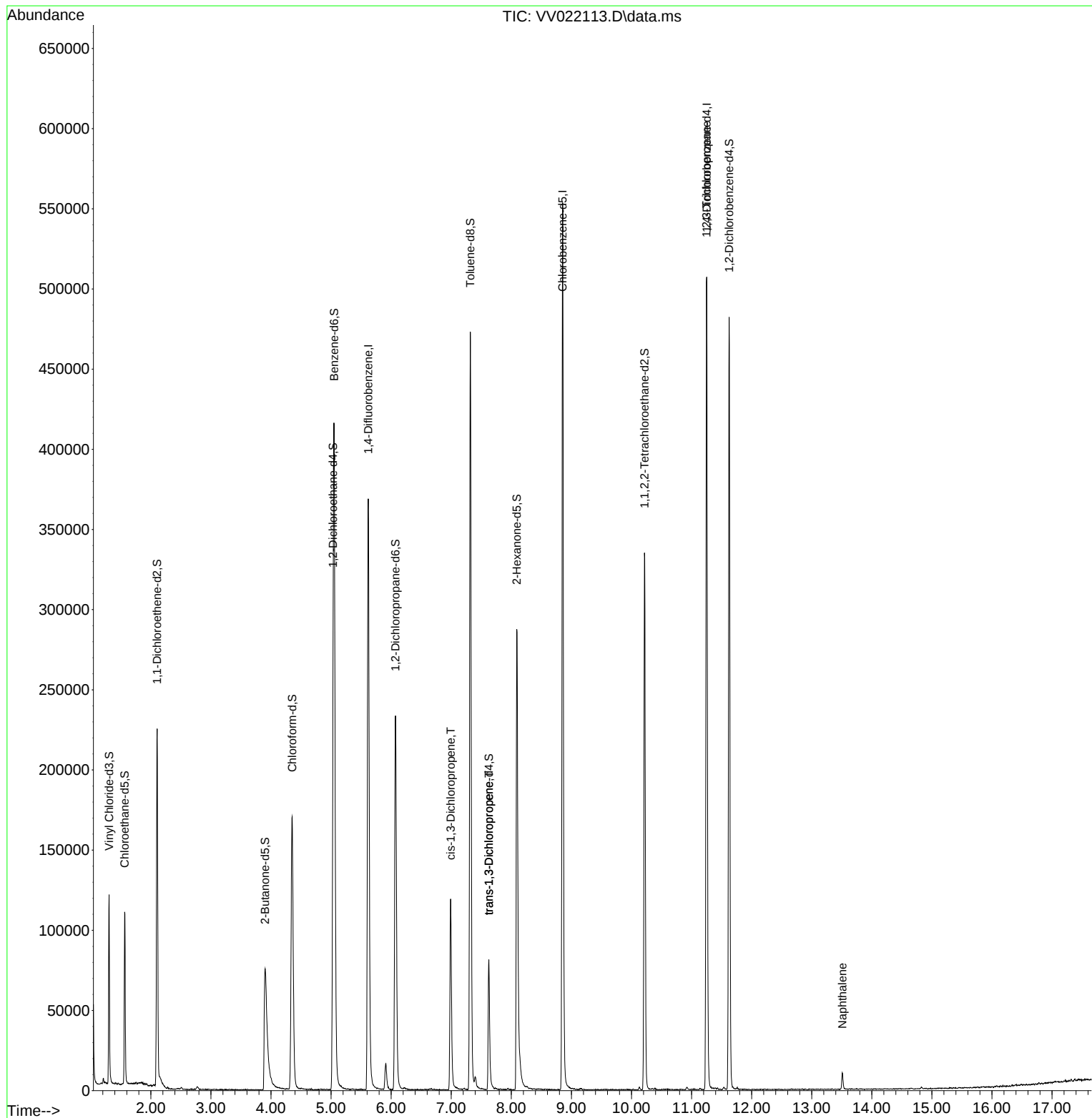
| Compound                      | R.T.    | QIon  | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|---------|-------|----------|----------|--------|----------|
| -----                         |         |       |          |          |        |          |
| Internal Standards            |         |       |          |          |        |          |
| 1) 1,4-Difluorobenzene        | 5.619   | 114   | 332194   | 50.000   | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 8.854   | 117   | 308826   | 50.000   | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.252  | 152   | 141263   | 50.000   | ug/L   | 0.00     |
| System Monitoring Compounds   |         |       |          |          |        |          |
| 4) Vinyl Chloride-d3          | 1.304   | 65    | 76280    | 33.158   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 60 - 135 | Recovery | =      | 66.320%  |
| 7) Chloroethane-d5            | 1.565   | 69    | 69233    | 38.537   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 70 - 130 | Recovery | =      | 77.080%  |
| 11) 1,1-Dichloroethene-d2     | 2.105   | 63    | 114063   | 29.980   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 60 - 125 | Recovery | =      | 59.960%# |
| 21) 2-Butanone-d5             | 3.902   | 46    | 167010   | 105.856  | ug/L   | 0.00     |
| Spiked Amount                 | 100.000 | Range | 40 - 130 | Recovery | =      | 105.860% |
| 24) Chloroform-d              | 4.352   | 84    | 178221   | 42.487   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 70 - 125 | Recovery | =      | 84.980%  |
| 26) 1,2-Dichloroethane-d4     | 5.034   | 65    | 115150   | 46.605   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 70 - 125 | Recovery | =      | 93.220%  |
| 32) Benzene-d6                | 5.050   | 84    | 362732   | 43.304   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 70 - 125 | Recovery | =      | 86.600%  |
| 36) 1,2-Dichloropropane-d6    | 6.072   | 67    | 119214   | 45.255   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 70 - 120 | Recovery | =      | 90.520%  |
| 41) Toluene-d8                | 7.317   | 98    | 317820   | 40.194   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 80 - 120 | Recovery | =      | 80.380%  |
| 43) trans-1,3-Dichloroprop... | 7.625   | 79    | 48063    | 38.334   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 60 - 125 | Recovery | =      | 76.660%  |
| 47) 2-Hexanone-d5             | 8.092   | 63    | 105447   | 104.324  | ug/L   | 0.00     |
| Spiked Amount                 | 100.000 | Range | 45 - 130 | Recovery | =      | 104.320% |
| 56) 1,1,2,2-Tetrachloroeth... | 10.217  | 84    | 161235   | 47.791   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 65 - 120 | Recovery | =      | 95.580%  |
| 66) 1,2-Dichlorobenzene-d4    | 11.625  | 152   | 127270   | 45.829   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 80 - 120 | Recovery | =      | 91.660%  |
| Target Compounds              |         |       |          |          |        |          |
|                               |         |       |          |          | Qvalue |          |
| 39) cis-1,3-Dichloropropene   | 6.992   | 75    | 2944     | 0.819    | ug/L # | 74       |
| 44) trans-1,3-Dichloropropene | 7.625   | 75    | 2248     | 0.672    | ug/L   | 84       |
| 61) 1,2,3-Trichloropropane    | 11.249  | 75    | 15230    | 6.221    | ug/L # | 64       |
| 71) Naphthalene               | 13.509  | 128   | 8160     | 0.957    | ug/L   | 96       |
| -----                         |         |       |          |          |        |          |

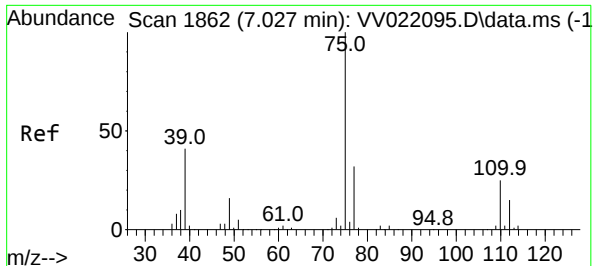
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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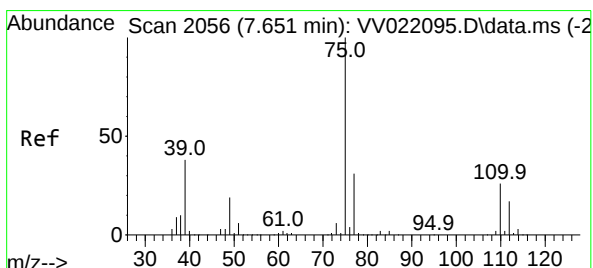
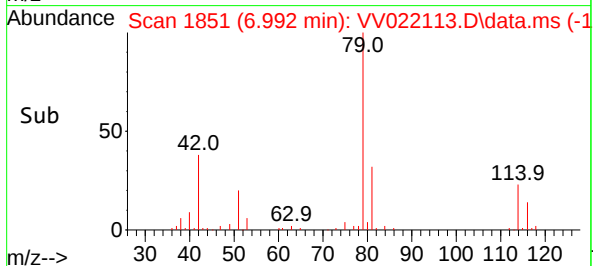
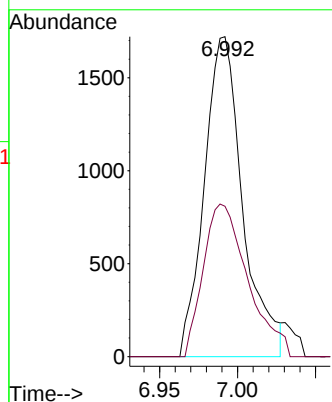
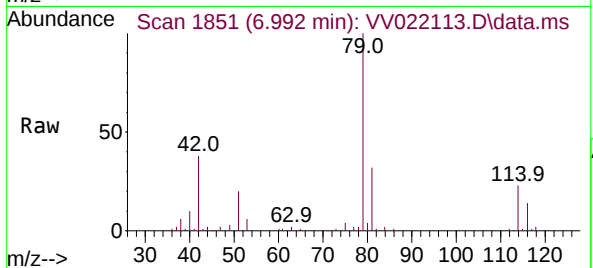




#39  
 cis-1,3-Dichloropropene  
 Concen: 0.819 ug/L  
 RT: 6.992 min Scan# 1851  
 Delta R.T. -0.035 min  
 Lab File: VV022113.D  
 Acq: 07 Sep 2021 20:13

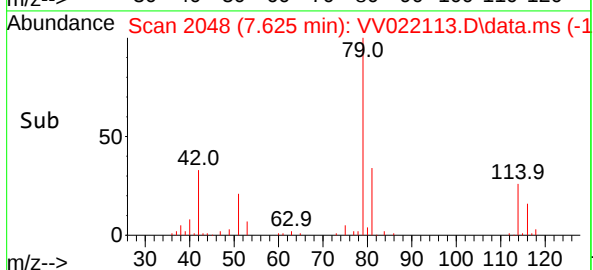
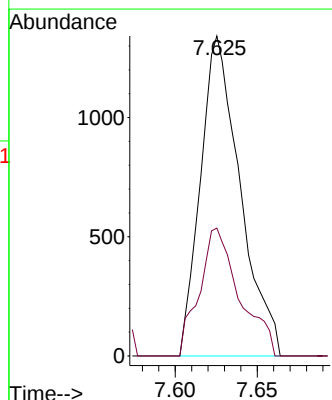
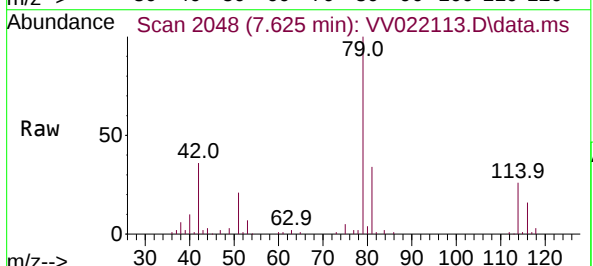
Instrument :  
 MSVOA\_V  
 ClientSampled :

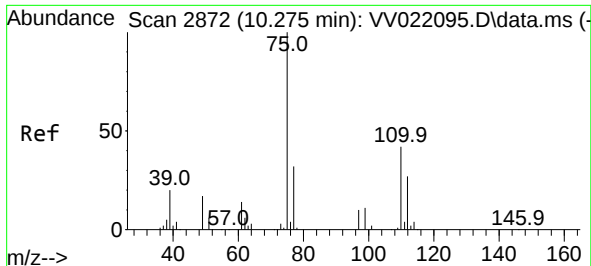
Tgt Ion: 75 Resp: 2944  
 Ion Ratio Lower Upper  
 75 100  
 77 47.0 22.7 42.1#



#44  
 trans-1,3-Dichloropropene  
 Concen: 0.672 ug/L  
 RT: 7.625 min Scan# 2048  
 Delta R.T. -0.026 min  
 Lab File: VV022113.D  
 Acq: 07 Sep 2021 20:13

Tgt Ion: 75 Resp: 2248  
 Ion Ratio Lower Upper  
 75 100  
 77 39.9 21.8 40.6

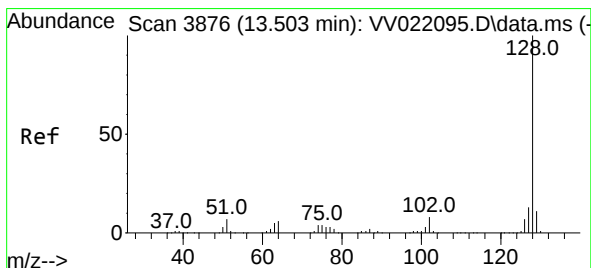
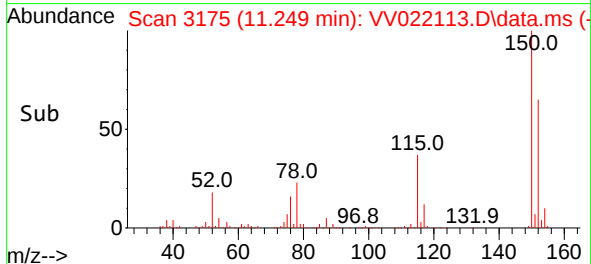
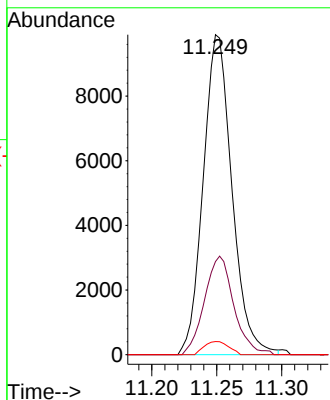
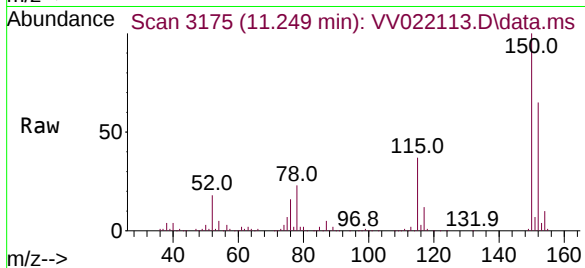




#61  
1,2,3-Trichloropropane  
Concen: 6.221 ug/L  
RT: 11.249 min Scan# 3175  
Delta R.T. 0.974 min  
Lab File: VV022113.D  
Acq: 07 Sep 2021 20:13

Instrument :  
MSVOA\_V  
ClientSampleId :

Tgt Ion: 75 Resp: 15230  
Ion Ratio Lower Upper  
75 100  
77 31.1 26.2 39.2  
110 3.5 33.8 50.6#



#71  
Naphthalene  
Concen: 0.957 ug/L  
RT: 13.509 min Scan# 3878  
Delta R.T. 0.007 min  
Lab File: VV022113.D  
Acq: 07 Sep 2021 20:13

Tgt Ion: 128 Resp: 8160  
Ion Ratio Lower Upper  
128 100  
127 11.3 10.1 15.1  
129 13.1 8.7 13.1

