

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VV081821\  
 Data File : VV021860.D  
 Acq On : 18 Aug 2021 13:02  
 Operator : SY/MD  
 Sample : M3422-04  
 Misc : 5.0mL/MSVOA\_V/WATER  
 ALS Vial : 9 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :

Quant Time: Aug 19 01:16:54 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

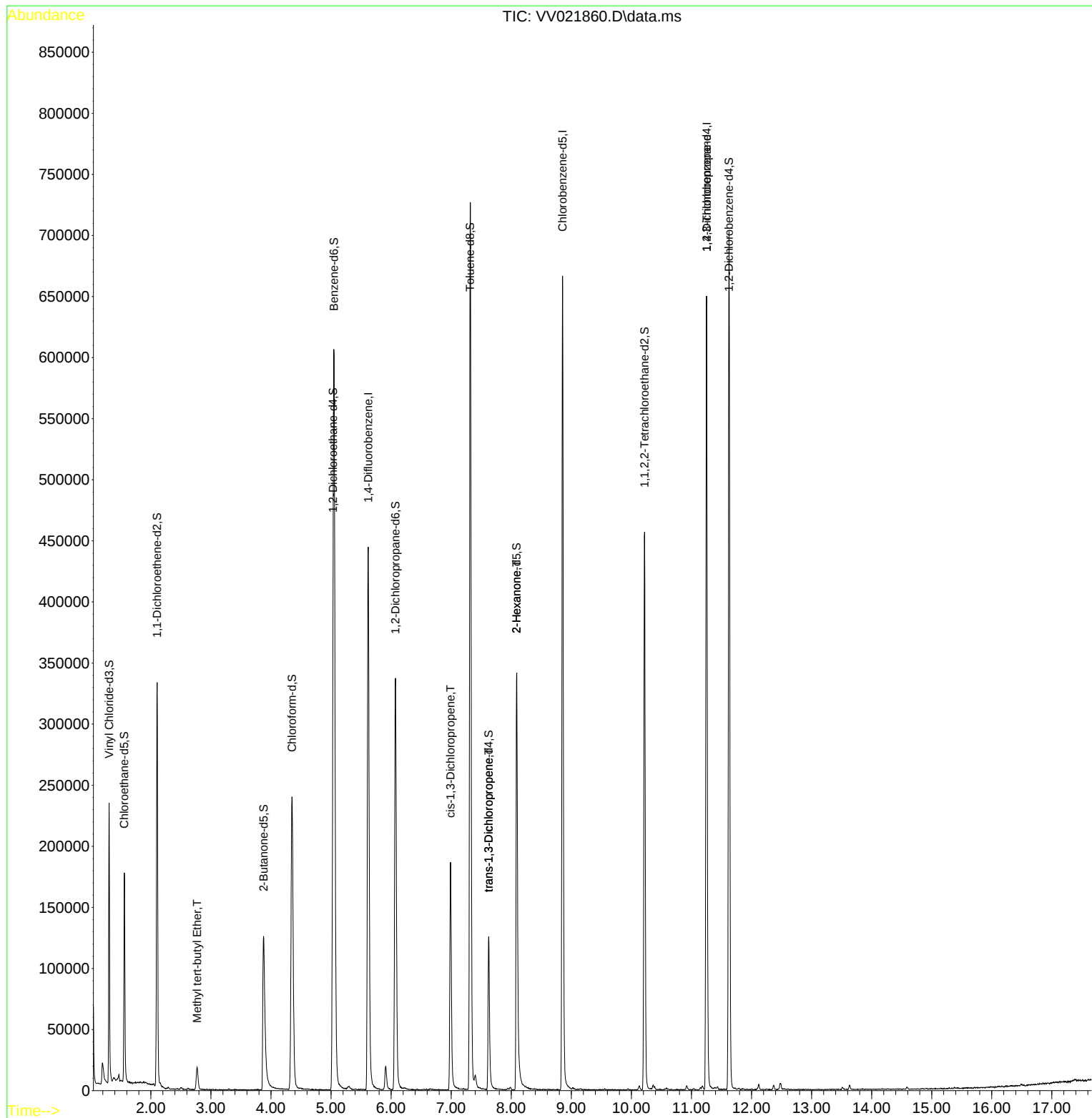
| Compound                      | R.T.    | QIon  | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|---------|-------|----------|----------|--------|----------|
| -----                         |         |       |          |          |        |          |
| Internal Standards            |         |       |          |          |        |          |
| 1) 1,4-Difluorobenzene        | 5.619   | 114   | 408919   | 50.000   | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 8.853   | 117   | 377027   | 50.000   | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.252  | 152   | 179868   | 50.000   | ug/L   | 0.00     |
| System Monitoring Compounds   |         |       |          |          |        |          |
| 4) Vinyl Chloride-d3          | 1.304   | 65    | 145037   | 45.370   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 60 - 135 | Recovery | =      | 90.740%  |
| 7) Chloroethane-d5            | 1.558   | 69    | 112770   | 46.746   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 70 - 130 | Recovery | =      | 93.500%  |
| 11) 1,1-Dichloroethene-d2     | 2.105   | 63    | 159565   | 31.357   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 60 - 125 | Recovery | =      | 62.720%  |
| 21) 2-Butanone-d5             | 3.876   | 46    | 199912   | 100.549  | ug/L   | 0.00     |
| Spiked Amount                 | 100.000 | Range | 40 - 130 | Recovery | =      | 100.550% |
| 24) Chloroform-d              | 4.349   | 84    | 254386   | 45.930   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 70 - 125 | Recovery | =      | 91.860%  |
| 26) 1,2-Dichloroethane-d4     | 5.034   | 65    | 159616   | 50.101   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 70 - 125 | Recovery | =      | 100.200% |
| 32) Benzene-d6                | 5.050   | 84    | 544158   | 50.190   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 70 - 125 | Recovery | =      | 100.380% |
| 36) 1,2-Dichloropropane-d6    | 6.072   | 67    | 171138   | 50.688   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 70 - 120 | Recovery | =      | 101.380% |
| 41) Toluene-d8                | 7.317   | 98    | 491749   | 49.072   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 80 - 120 | Recovery | =      | 98.140%  |
| 43) trans-1,3-Dichloroprop... | 7.625   | 79    | 74299    | 44.715   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 60 - 125 | Recovery | =      | 89.420%  |
| 47) 2-Hexanone-d5             | 8.088   | 63    | 118515   | 107.100  | ug/L   | 0.00     |
| Spiked Amount                 | 100.000 | Range | 45 - 130 | Recovery | =      | 107.100% |
| 56) 1,1,2,2-Tetrachloroeth... | 10.220  | 84    | 222390   | 53.153   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 65 - 120 | Recovery | =      | 106.300% |
| 66) 1,2-Dichlorobenzene-d4    | 11.625  | 152   | 190849   | 51.270   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 80 - 120 | Recovery | =      | 102.540% |
| Target Compounds              |         |       |          |          |        |          |
|                               |         |       |          |          | Qvalue |          |
| 18) Methyl tert-butyl Ether   | 2.770   | 73    | 18945    | 2.172    | ug/L   | 98       |
| 39) cis-1,3-Dichloropropene   | 6.989   | 75    | 4387     | 0.943    | ug/L # | 62       |
| 44) trans-1,3-Dichloropropene | 7.625   | 75    | 3170     | 0.723    | ug/L   | 91       |
| 48) 2-Hexanone                | 8.088   | 43    | 12951    | 4.137    | ug/L # | 73       |
| 61) 1,2,3-Trichloropropane    | 11.252  | 75    | 19386    | 5.832    | ug/L # | 65       |
| -----                         |         |       |          |          |        |          |

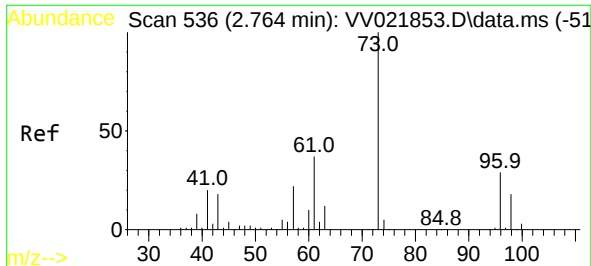
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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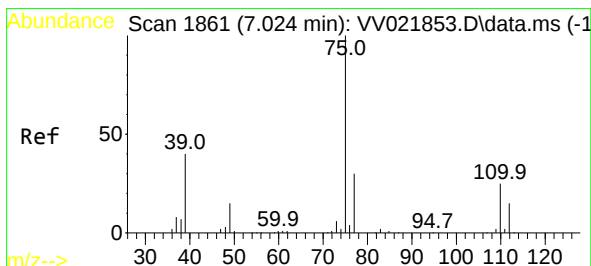
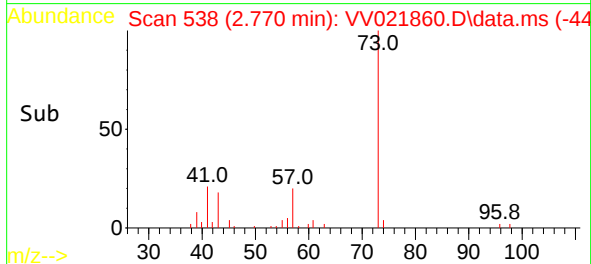
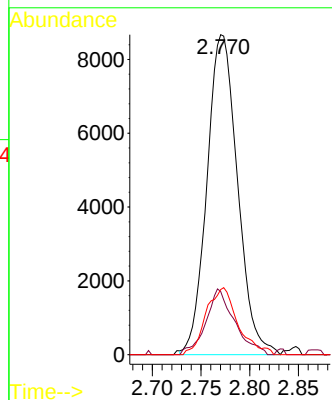
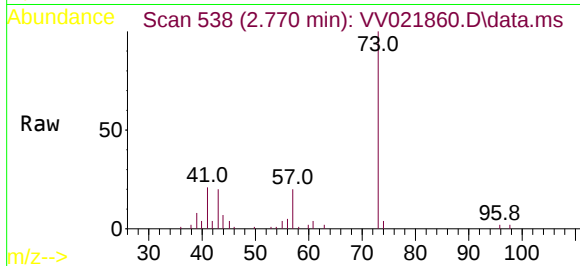




#18  
Methyl tert-butyl Ether  
Concen: 2.172 ug/L  
RT: 2.770 min Scan# 538  
Delta R.T. 0.006 min  
Lab File: VV021860.D  
Acq: 18 Aug 2021 13:02

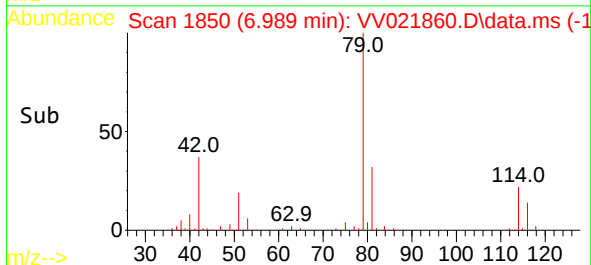
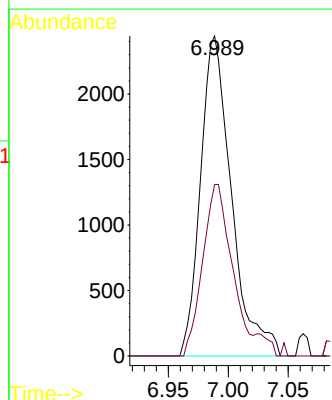
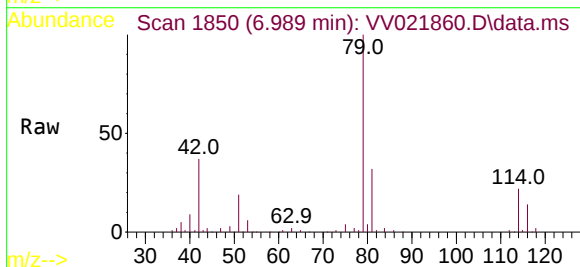
Instrument :  
MSVOA\_V  
ClientSampled :

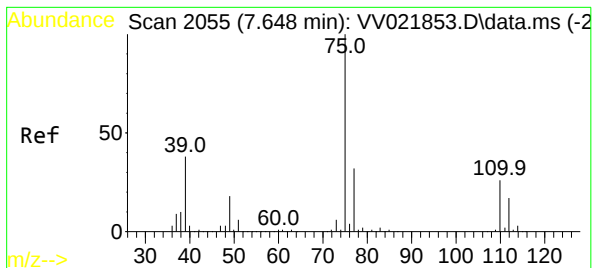
Tgt Ion: 73 Resp: 18945  
Ion Ratio Lower Upper  
73 100  
43 19.3 14.2 21.4  
57 21.3 17.7 26.5



#39  
cis-1,3-Dichloropropene  
Concen: 0.943 ug/L  
RT: 6.989 min Scan# 1850  
Delta R.T. -0.035 min  
Lab File: VV021860.D  
Acq: 18 Aug 2021 13:02

Tgt Ion: 75 Resp: 4387  
Ion Ratio Lower Upper  
75 100  
77 53.6 22.5 41.9#



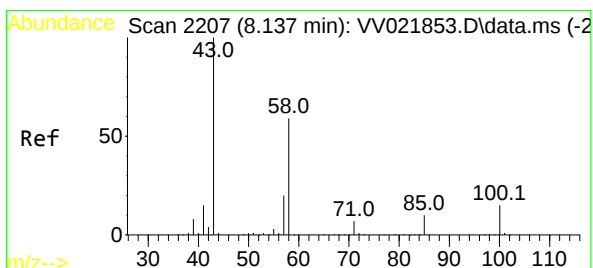
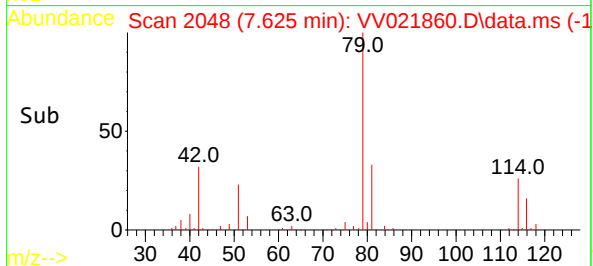
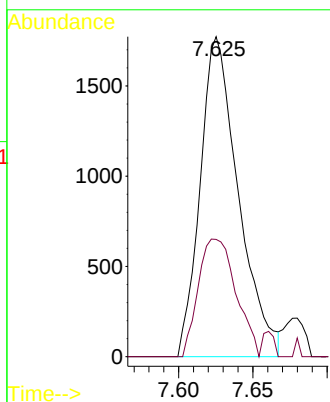
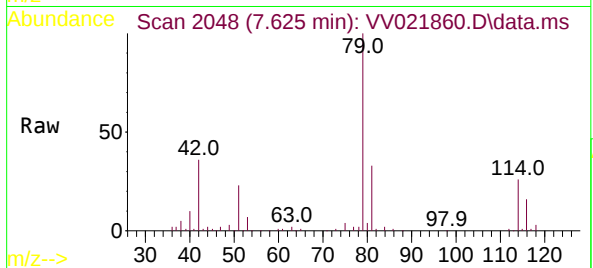


#44

trans-1,3-Dichloropropene  
Concen: 0.723 ug/L  
RT: 7.625 min Scan# 2048  
Delta R.T. -0.023 min  
Lab File: VV021860.D  
Acq: 18 Aug 2021 13:02

Instrument :  
MSVOA\_V  
ClientSampled :

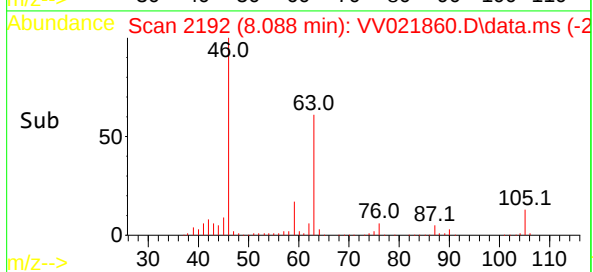
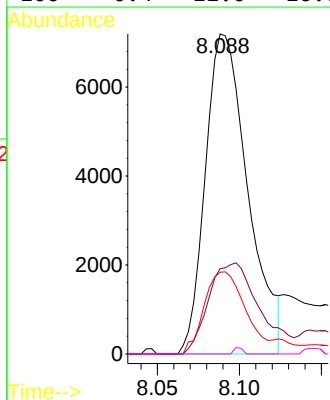
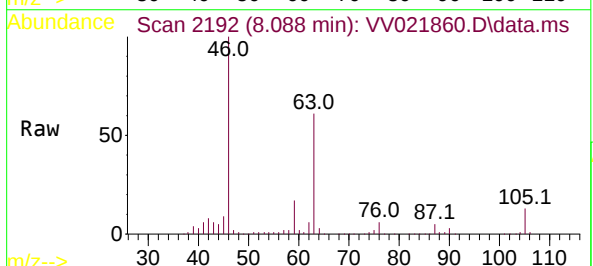
Tgt Ion: 75 Resp: 3170  
Ion Ratio Lower Upper  
75 100  
77 36.7 22.2 41.2

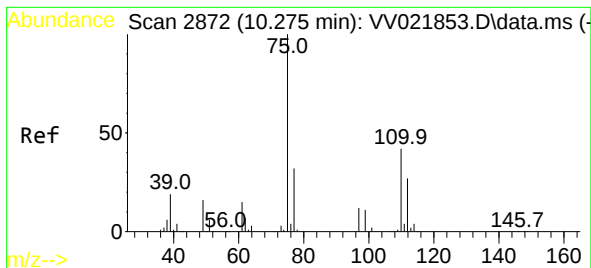


#48

2-Hexanone  
Concen: 4.137 ug/L  
RT: 8.088 min Scan# 2192  
Delta R.T. -0.048 min  
Lab File: VV021860.D  
Acq: 18 Aug 2021 13:02

Tgt Ion: 43 Resp: 12951  
Ion Ratio Lower Upper  
43 100  
58 34.2 45.4 68.2#  
57 24.7 15.3 22.9#  
100 0.4 11.0 16.6#





#61  
1,2,3-Trichloropropane  
Concen: 5.832 ug/L  
RT: 11.252 min Scan# 3176  
Delta R.T. 0.977 min  
Lab File: VV021860.D  
Acq: 18 Aug 2021 13:02

Instrument :  
MSVOA\_V  
ClientSampleId :

Tgt Ion: 75 Resp: 19386  
Ion Ratio Lower Upper  
75 100  
77 31.6 25.5 38.3  
110 3.0 33.4 50.2#

