

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VW012221\  
 Data File : VW020142.D  
 Acq On : 22 Jan 2021 17:49  
 Operator : SY/MD  
 Sample : VIBLK  
 Misc : 5.0mL/MSVOA\_V/WATER  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 VIBLK

Quant Time: Jan 23 00:17:24 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SOMVLM012121WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Sat Jan 23 00:14:09 2021  
 Response via : Initial Calibration

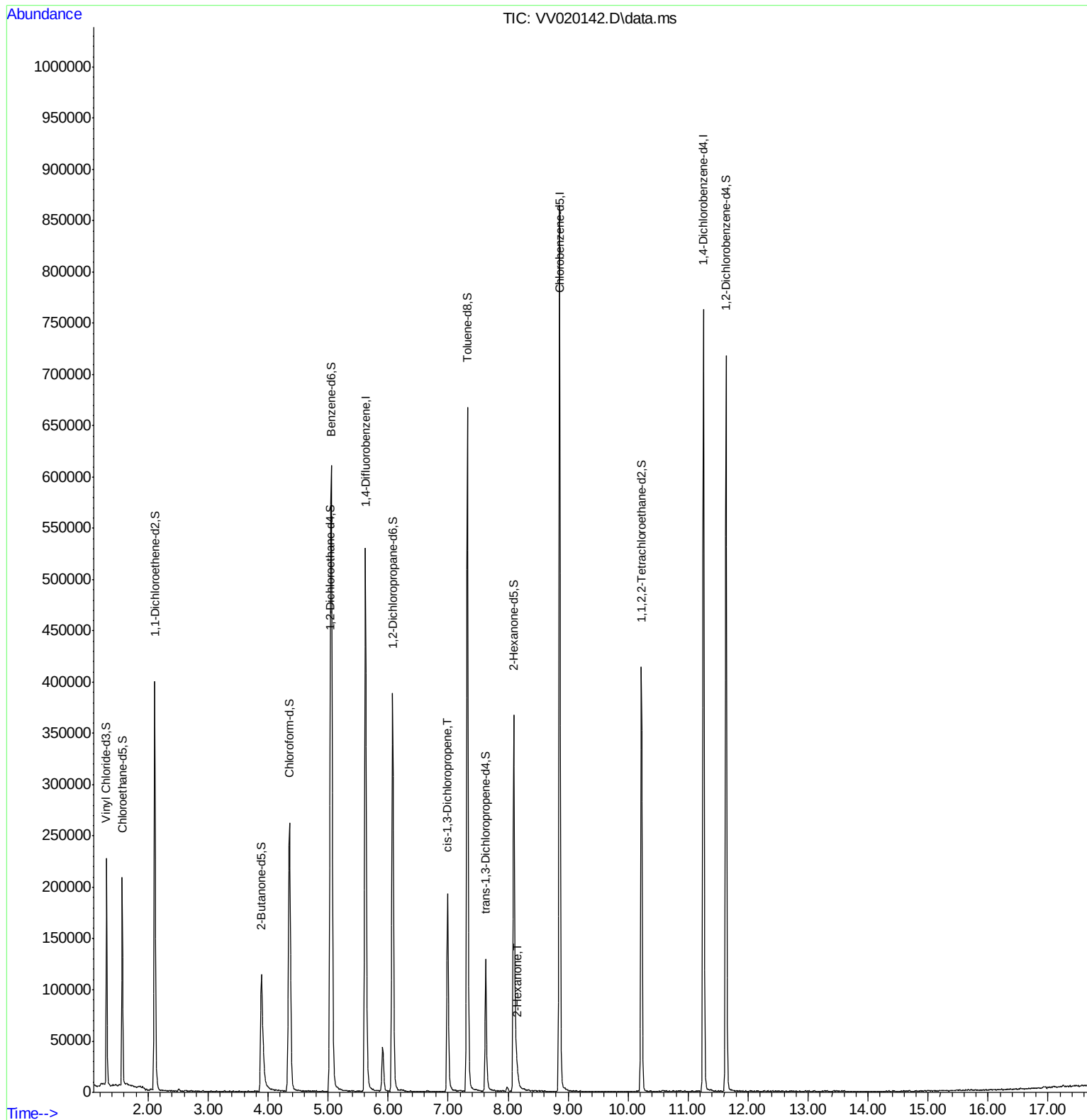
| Compound                      | R.T.           | QIon | Response   | Conc    | Units  | Dev(Min) |
|-------------------------------|----------------|------|------------|---------|--------|----------|
| -----                         |                |      |            |         |        |          |
| Internal Standards            |                |      |            |         |        |          |
| 1) 1,4-Difluorobenzene        | 5.624          | 114  | 415999     | 50.00   | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 8.859          | 117  | 441979     | 50.00   | ug/L   | 0.00     |
| 60) 1,4-Dichlorobenzene-d4    | 11.257         | 152  | 176413     | 50.00   | ug/L   | 0.00     |
|                               |                |      |            |         |        |          |
| System Monitoring Compounds   |                |      |            |         |        |          |
| 4) Vinyl Chloride-d3          | 1.306          | 65   | 132880     | 43.07   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 60 - 135 |      | Recovery = | 86.14%  |        |          |
| 7) Chloroethane-d5            | 1.570          | 69   | 122972     | 47.61   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 70 - 130 |      | Recovery = | 95.22%  |        |          |
| 11) 1,1-Dichloroethene-d2     | 2.110          | 63   | 207357     | 33.65   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 60 - 125 |      | Recovery = | 67.30%  |        |          |
| 21) 2-Butanone-d5             | 3.888          | 46   | 191793     | 90.64   | ug/L   | 0.00     |
| Spiked Amount 100.000         | Range 40 - 130 |      | Recovery = | 90.64%  |        |          |
| 24) Chloroform-d              | 4.354          | 84   | 261143     | 45.19   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 70 - 125 |      | Recovery = | 90.38%  |        |          |
| 26) 1,2-Dichloroethane-d4     | 5.036          | 65   | 189547     | 47.32   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 70 - 125 |      | Recovery = | 94.64%  |        |          |
| 32) Benzene-d6                | 5.055          | 84   | 483463     | 39.72   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 70 - 125 |      | Recovery = | 79.44%  |        |          |
| 36) 1,2-Dichloropropane-d6    | 6.074          | 67   | 174581     | 45.43   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 70 - 120 |      | Recovery = | 90.86%  |        |          |
| 41) Toluene-d8                | 7.322          | 98   | 411506     | 36.34   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 80 - 120 |      | Recovery = | 72.68%# |        |          |
| 43) trans-1,3-Dichloroprop... | 7.627          | 79   | 68257      | 36.30   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 60 - 125 |      | Recovery = | 72.60%  |        |          |
| 47) 2-Hexanone-d5             | 8.093          | 63   | 112324     | 70.32   | ug/L   | 0.00     |
| Spiked Amount 100.000         | Range 45 - 130 |      | Recovery = | 70.32%  |        |          |
| 57) 1,1,2,2-Tetrachloroeth... | 10.222         | 84   | 185767     | 35.32   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 65 - 120 |      | Recovery = | 70.64%  |        |          |
| 64) 1,2-Dichlorobenzene-d4    | 11.630         | 152  | 168740     | 50.90   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 80 - 120 |      | Recovery = | 101.80% |        |          |
|                               |                |      |            |         |        |          |
| Target Compounds              |                |      |            |         |        | Qvalue   |
| 39) cis-1,3-Dichloropropene   | 6.994          | 75   | 5454       | 1.02    | ug/L # | 75       |
| 48) 2-Hexanone                | 8.148          | 43   | 12488      | 3.10    | ug/L # | 76       |
| -----                         |                |      |            |         |        |          |

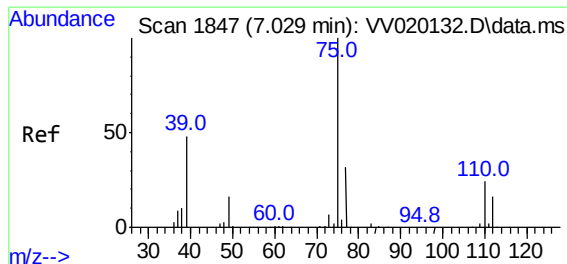
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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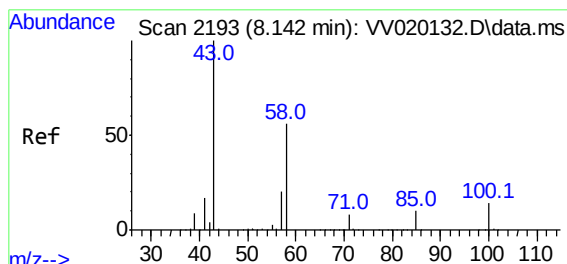
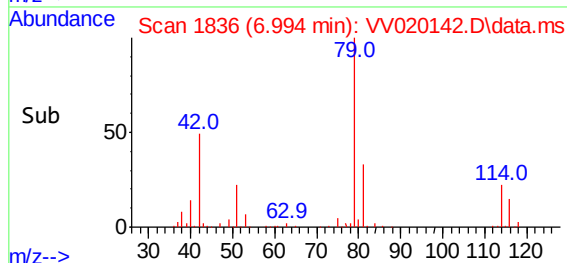
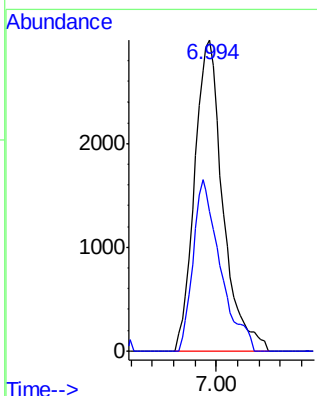
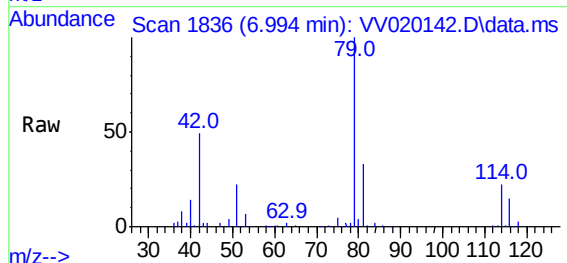




#39  
cis-1,3-Dichloropropene  
Concen: 1.02 ug/L  
RT: 6.994 min Scan# 1836  
Delta R.T. -0.035 min  
Lab File: VV020142.D  
Acq: 22 Jan 2021 17:49

Instrument :  
MSVOA\_V  
ClientSampleId :  
VIBLK

Tgt Ion: 75 Resp: 5454  
Ion Ratio Lower Upper  
75 100  
77 44.8 21.8 40.6#



#48  
2-Hexanone  
Concen: 3.10 ug/L  
RT: 8.148 min Scan# 2195  
Delta R.T. 0.006 min  
Lab File: VV020142.D  
Acq: 22 Jan 2021 17:49

Tgt Ion: 43 Resp: 12488  
Ion Ratio Lower Upper  
43 100  
58 38.8 41.8 62.6#  
57 1.2 15.0 22.4#  
100 4.0 8.9 13.3#

