

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VW040521\  
 Data File : VW020928.D  
 Acq On : 05 Apr 2021 20:31  
 Operator : SY/MD  
 Sample : M1880-06  
 Misc : 5.0mL/MSVOA\_V/WATER  
 ALS Vial : 22 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 EW1D3

Quant Time: Apr 06 06:27:27 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SOMVLM032321WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Tue Apr 06 06:22:01 2021  
 Response via : Initial Calibration

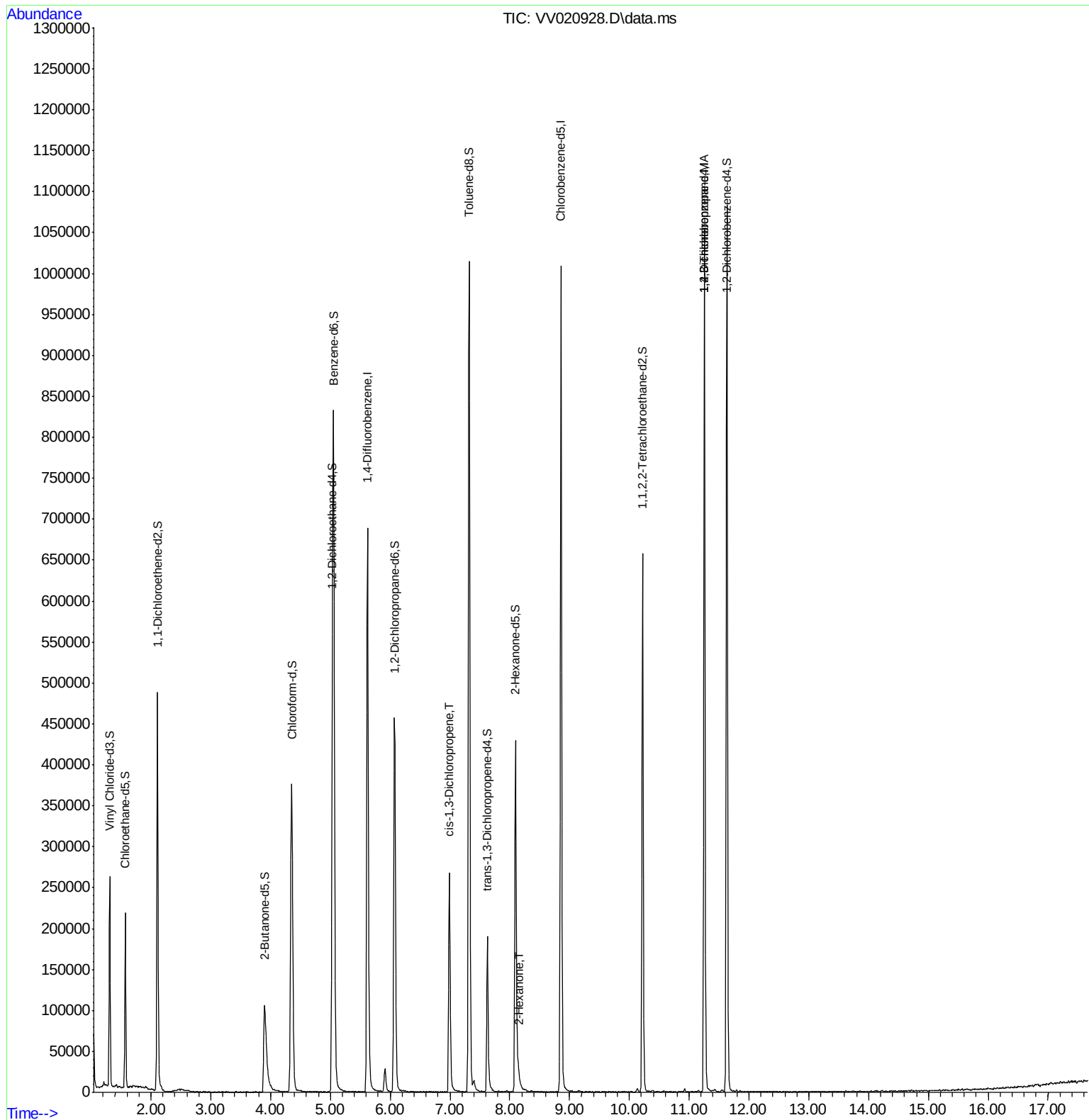
| Compound                      | R.T.    | QIon  | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|---------|-------|----------|----------|--------|----------|
| Internal Standards            |         |       |          |          |        |          |
| 1) 1,4-Difluorobenzene        | 5.619   | 114   | 612590   | 50.00    | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 8.857   | 117   | 577222   | 50.00    | ug/L   | 0.00     |
| 60) 1,4-Dichlorobenzene-d4    | 11.255  | 152   | 285069   | 50.00    | ug/L   | 0.00     |
| System Monitoring Compounds   |         |       |          |          |        |          |
| 4) Vinyl Chloride-d3          | 1.310   | 65    | 154627   | 35.55    | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 60 - 135 | Recovery | =      | 71.10%   |
| 7) Chloroethane-d5            | 1.571   | 69    | 126056   | 38.34    | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 70 - 130 | Recovery | =      | 76.68%   |
| 11) 1,1-Dichloroethene-d2     | 2.108   | 63    | 246121   | 30.00    | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 60 - 125 | Recovery | =      | 60.00%   |
| 21) 2-Butanone-d5             | 3.899   | 46    | 208906   | 73.83    | ug/L   | 0.00     |
| Spiked Amount                 | 100.000 | Range | 40 - 130 | Recovery | =      | 73.83%   |
| 24) Chloroform-d              | 4.352   | 84    | 396861   | 45.91    | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 70 - 125 | Recovery | =      | 91.82%   |
| 26) 1,2-Dichloroethane-d4     | 5.034   | 65    | 269932   | 47.40    | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 70 - 125 | Recovery | =      | 94.80%   |
| 32) Benzene-d6                | 5.053   | 84    | 714288   | 46.43    | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 70 - 125 | Recovery | =      | 92.86%   |
| 36) 1,2-Dichloropropane-d6    | 6.072   | 67    | 203146   | 43.01    | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 70 - 120 | Recovery | =      | 86.02%   |
| 41) Toluene-d8                | 7.320   | 98    | 694216   | 48.47    | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 80 - 120 | Recovery | =      | 96.94%   |
| 43) trans-1,3-Dichloroprop... | 7.625   | 79    | 112438   | 44.74    | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 60 - 125 | Recovery | =      | 89.48%   |
| 47) 2-Hexanone-d5             | 8.095   | 63    | 143877   | 72.65    | ug/L   | 0.00     |
| Spiked Amount                 | 100.000 | Range | 45 - 130 | Recovery | =      | 72.65%   |
| 57) 1,1,2,2-Tetrachloroeth... | 10.220  | 84    | 282631   | 41.08    | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 65 - 120 | Recovery | =      | 82.16%   |
| 64) 1,2-Dichlorobenzene-d4    | 11.628  | 152   | 291303   | 52.65    | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 80 - 120 | Recovery | =      | 105.30%  |
| Target Compounds              |         |       |          |          |        |          |
| 39) cis-1,3-Dichloropropene   | 6.992   | 75    | 7196     | 1.12     | ug/L # | 75       |
| 48) 2-Hexanone                | 8.149   | 43    | 6841     | 1.60     | ug/L # | 38       |
| 59) 1,2,3-Trichloropropane    | 11.255  | 75    | 26564    | 4.87     | ug/L   | 93       |

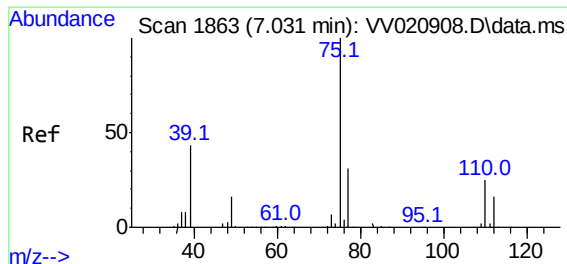
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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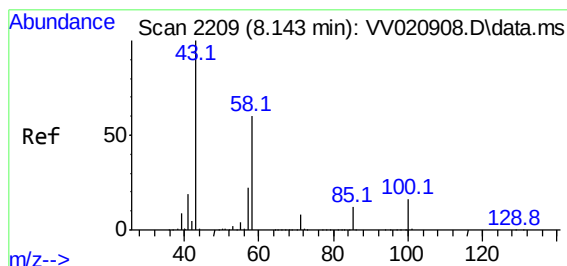
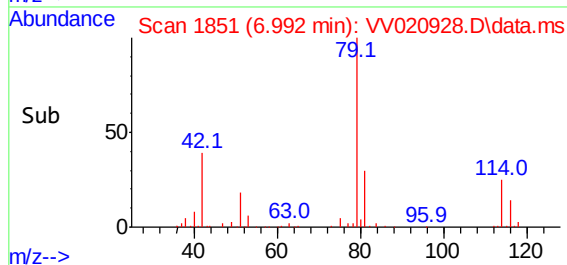
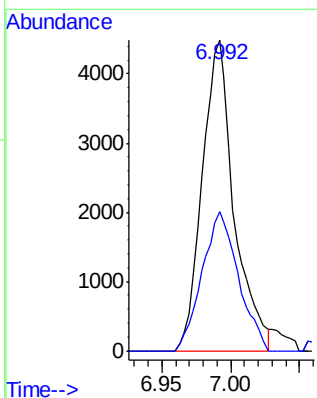
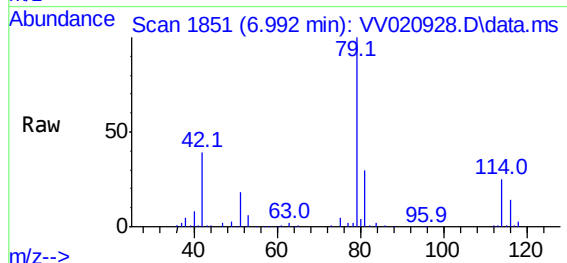




#39  
cis-1,3-Dichloropropene  
Concen: 1.12 ug/L  
RT: 6.992 min Scan# 1851  
Delta R.T. -0.039 min  
Lab File: VV020928.D  
Acq: 05 Apr 2021 20:31

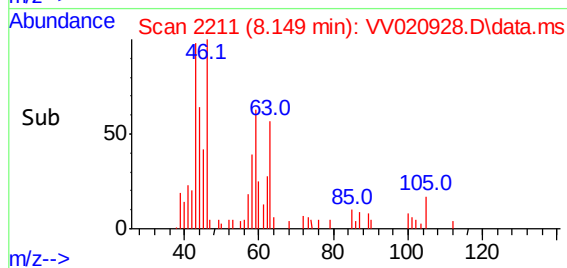
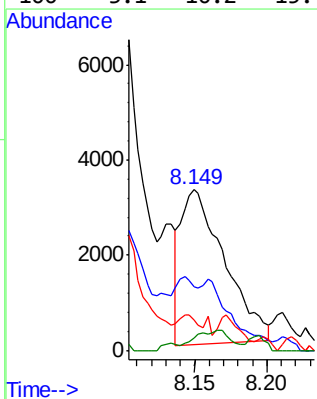
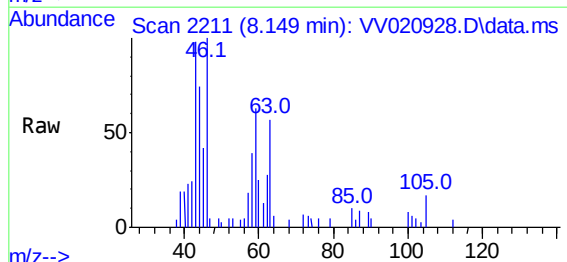
Instrument :  
MSVOA\_V  
ClientSampleId :  
EW1D3

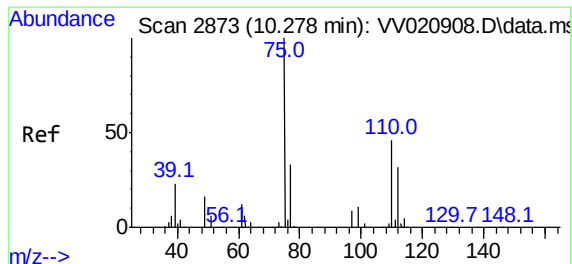
Tgt Ion: 75 Resp: 7196  
Ion Ratio Lower Upper  
75 100  
77 44.7 21.7 40.3#



#48  
2-Hexanone  
Concen: 1.60 ug/L  
RT: 8.149 min Scan# 2211  
Delta R.T. 0.006 min  
Lab File: VV020928.D  
Acq: 05 Apr 2021 20:31

Tgt Ion: 43 Resp: 6841  
Ion Ratio Lower Upper  
43 100  
58 0.0 45.8 68.8#  
57 1.1 15.4 23.2#  
100 3.1 10.2 15.4#





#59  
 1,2,3-Trichloropropane  
 Concen: 4.87 ug/L  
 RT: 11.255 min Scan# 3177  
 Delta R.T. 0.977 min  
 Lab File: VV020928.D  
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 ClientSampleId :  
 EW1D3

Tgt Ion: 75 Resp: 26564  
 Ion Ratio Lower Upper  
 75 100  
 77 35.6 25.3 37.9

