

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VW012121\  
 Data File : VW020123.D  
 Acq On : 21 Jan 2021 22:49  
 Operator : SY/MD  
 Sample : M1181-17  
 Misc : 5.0mL/MSVOA\_V/WATER  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 F1E44

Quant Time: Jan 22 06:47:56 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SOMVLM012121WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Fri Jan 22 06:43:18 2021  
 Response via : Initial Calibration

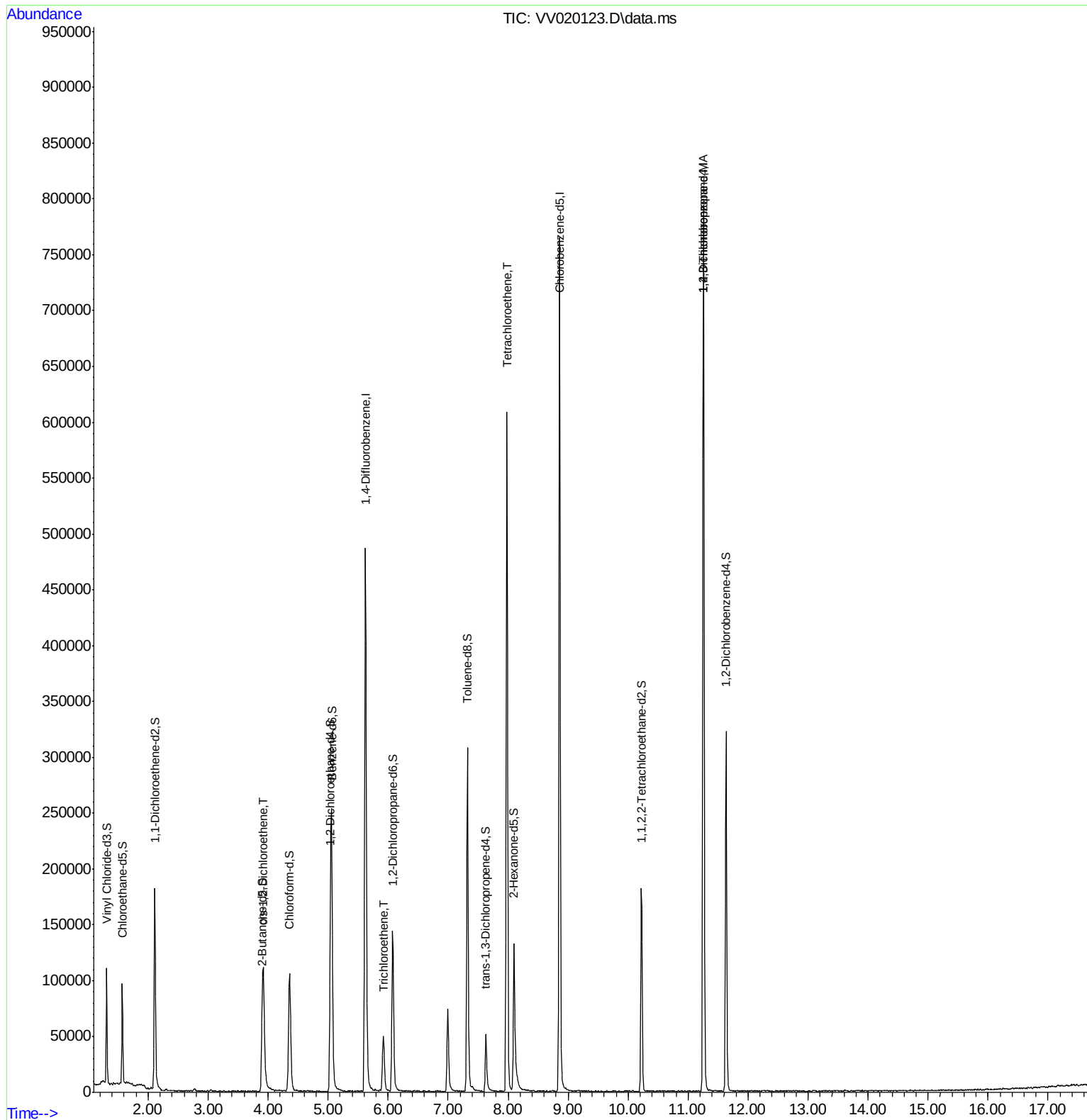
| Compound                      | R.T.           | QIon | Response   | Conc    | Units | Dev(Min) |
|-------------------------------|----------------|------|------------|---------|-------|----------|
| -----                         |                |      |            |         |       |          |
| Internal Standards            |                |      |            |         |       |          |
| 1) 1,4-Difluorobenzene        | 5.624          | 114  | 388188     | 50.00   | ug/L  | 0.00     |
| 28) Chlorobenzene-d5          | 8.858          | 117  | 381740     | 50.00   | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4    | 11.257         | 152  | 191715     | 50.00   | ug/L  | 0.00     |
|                               |                |      |            |         |       |          |
| System Monitoring Compounds   |                |      |            |         |       |          |
| 4) Vinyl Chloride-d3          | 1.309          | 65   | 60849      | 21.13   | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 60 - 135 |      | Recovery = | 42.26%# |       |          |
| 7) Chloroethane-d5            | 1.569          | 69   | 53898      | 22.36   | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 70 - 130 |      | Recovery = | 44.72%# |       |          |
| 11) 1,1-Dichloroethene-d2     | 2.109          | 63   | 93710      | 16.29   | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 60 - 125 |      | Recovery = | 32.58%# |       |          |
| 21) 2-Butanone-d5             | 3.897          | 46   | 71516      | 36.22   | ug/L  | 0.00     |
| Spiked Amount 100.000         | Range 40 - 130 |      | Recovery = | 36.22%# |       |          |
| 24) Chloroform-d              | 4.354          | 84   | 106516     | 19.75   | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 70 - 125 |      | Recovery = | 39.50%# |       |          |
| 26) 1,2-Dichloroethane-d4     | 5.039          | 65   | 77089      | 20.62   | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 70 - 125 |      | Recovery = | 41.24%# |       |          |
| 32) Benzene-d6                | 5.058          | 84   | 202032     | 19.22   | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 70 - 125 |      | Recovery = | 38.44%# |       |          |
| 36) 1,2-Dichloropropane-d6    | 6.074          | 67   | 64168      | 19.33   | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 70 - 120 |      | Recovery = | 38.66%# |       |          |
| 41) Toluene-d8                | 7.321          | 98   | 193353     | 19.77   | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 80 - 120 |      | Recovery = | 39.54%# |       |          |
| 43) trans-1,3-Dichloroprop... | 7.627          | 79   | 27624      | 17.01   | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 60 - 125 |      | Recovery = | 34.02%# |       |          |
| 47) 2-Hexanone-d5             | 8.096          | 63   | 40224      | 29.16   | ug/L  | 0.00     |
| Spiked Amount 100.000         | Range 45 - 130 |      | Recovery = | 29.16%# |       |          |
| 57) 1,1,2,2-Tetrachloroeth... | 10.222         | 84   | 82790      | 18.22   | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 65 - 120 |      | Recovery = | 36.44%# |       |          |
| 64) 1,2-Dichlorobenzene-d4    | 11.633         | 152  | 76253      | 21.17   | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 80 - 120 |      | Recovery = | 42.34%# |       |          |
|                               |                |      |            |         |       |          |
| Target Compounds              |                |      |            |         |       |          |
| 20) cis-1,2-Dichloroethene    | 3.920          | 96   | 45407      | 16.17   | ug/L  | 100      |
| 34) Trichloroethene           | 5.920          | 95   | 14314      | 4.41    | ug/L  | 92       |
| 46) Tetrachloroethene         | 7.981          | 164  | 125093     | 51.67   | ug/L  | 98       |
| 59) 1,2,3-Trichloropropane    | 11.257         | 75   | 26259      | 6.63    | ug/L  | 91       |
| -----                         |                |      |            |         |       |          |

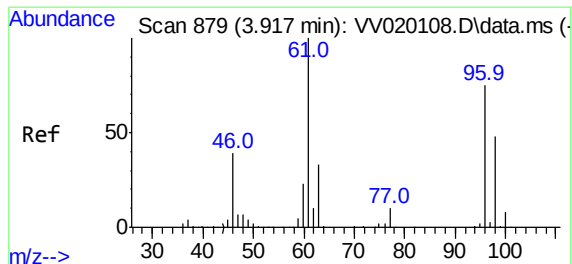
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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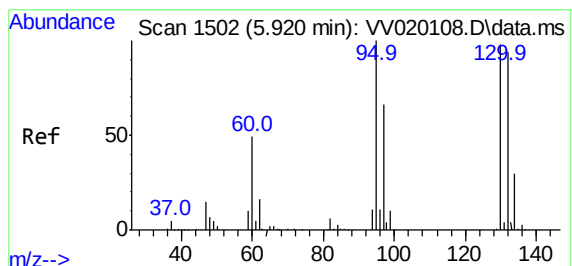
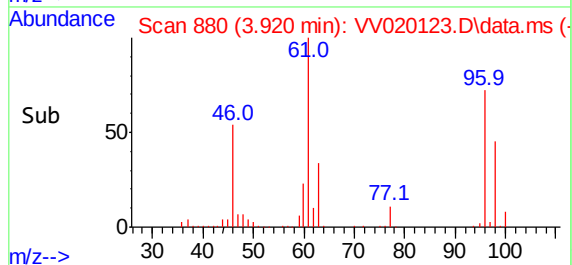
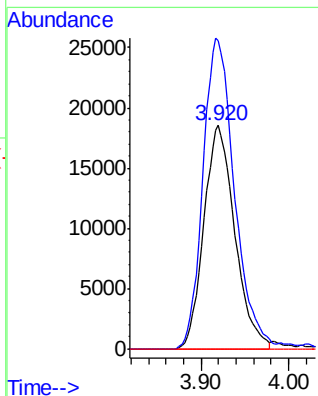
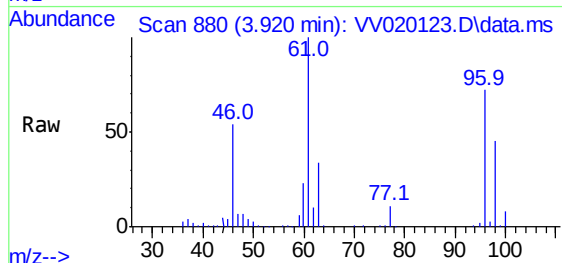




#20  
cis-1,2-Dichloroethene  
Concen: 16.17 ug/L  
RT: 3.920 min Scan# 880  
Delta R.T. 0.003 min  
Lab File: VV020123.D  
Acq: 21 Jan 2021 22:49

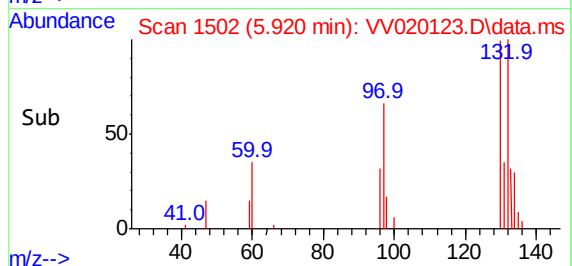
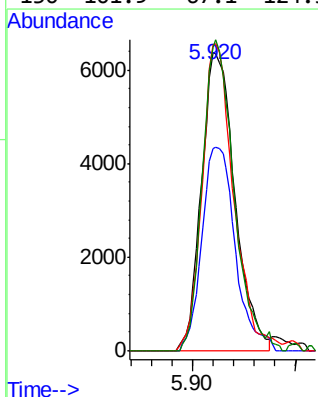
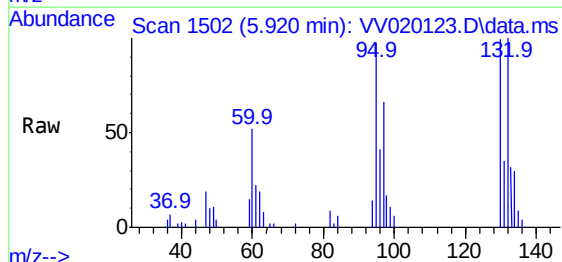
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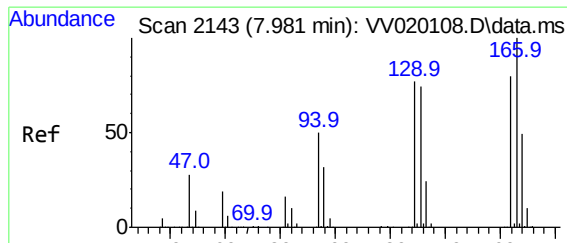
Tgt Ion: 96 Resp: 45407  
Ion Ratio Lower Upper  
96 100  
61 138.2 96.9 179.9  
68 0.0 0.0 0.0



#34  
Trichloroethene  
Concen: 4.41 ug/L  
RT: 5.920 min Scan# 1502  
Delta R.T. -0.000 min  
Lab File: VV020123.D  
Acq: 21 Jan 2021 22:49

Tgt Ion: 95 Resp: 14314  
Ion Ratio Lower Upper  
95 100  
97 67.8 44.5 82.7  
132 102.8 63.4 117.8  
130 101.9 67.1 124.5

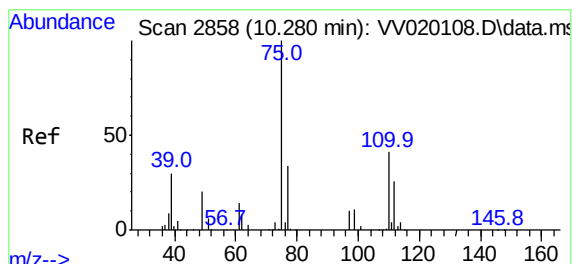
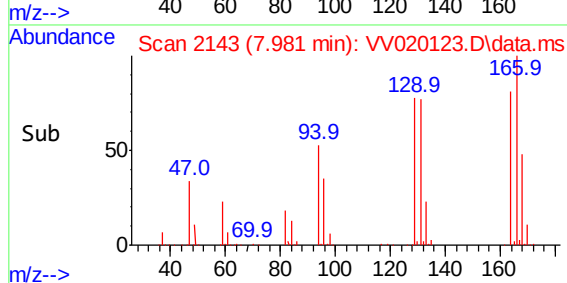
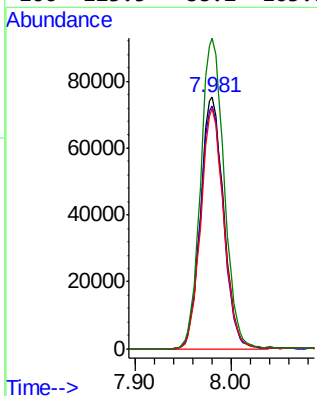
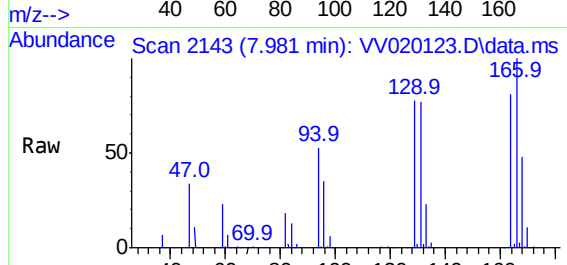




#46  
Tetrachloroethene  
Concen: 51.67 ug/L  
RT: 7.981 min Scan# 2143  
Delta R.T. -0.000 min  
Lab File: VV020123.D  
Acq: 21 Jan 2021 22:49

Instrument :  
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Tgt Ion:164 Resp: 125093  
Ion Ratio Lower Upper  
164 100  
129 96.6 70.6 131.0  
131 95.3 66.8 124.0  
166 123.5 88.2 163.8



#59  
1,2,3-Trichloropropane  
Concen: 6.63 ug/L  
RT: 11.257 min Scan# 3162  
Delta R.T. 0.977 min  
Lab File: VV020123.D  
Acq: 21 Jan 2021 22:49

Tgt Ion: 75 Resp: 26259  
Ion Ratio Lower Upper  
75 100  
77 36.8 25.4 38.0

