

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VV050621\  
 Data File : VV021304.D  
 Acq On : 06 May 2021 13:08  
 Operator : SY/MD  
 Sample : M2271-04  
 Misc : 5.0mL/MSVOA\_V/WATER  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :

Quant Time: May 07 03:57:12 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVLM050321WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Fri May 07 03:56:18 2021  
 Response via : Initial Calibration

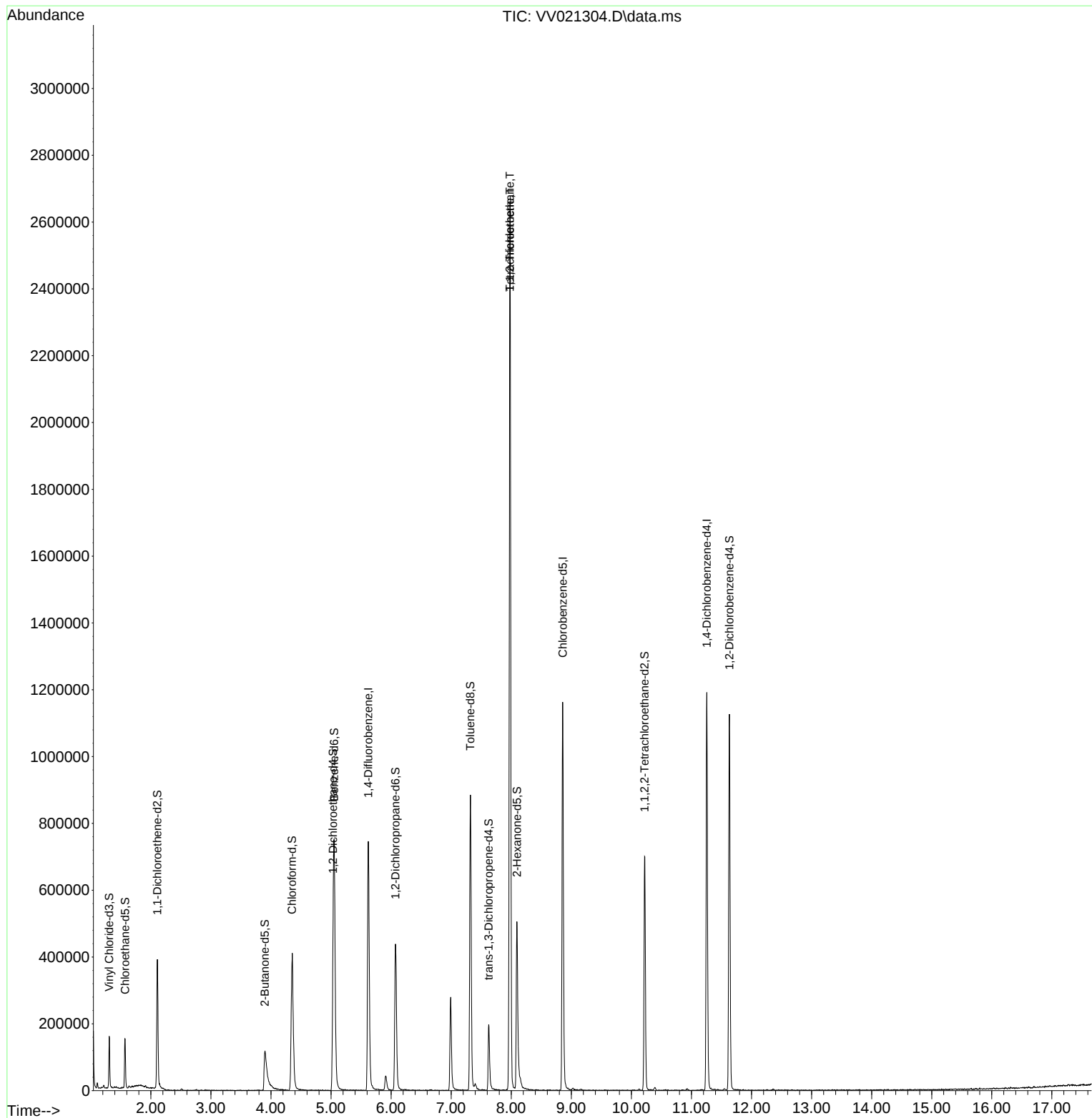
| Compound                      | R.T.    | QIon  | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|---------|-------|----------|----------|--------|----------|
| -----                         |         |       |          |          |        |          |
| Internal Standards            |         |       |          |          |        |          |
| 1) 1,4-Difluorobenzene        | 5.619   | 114   | 640934   | 50.00    | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 8.857   | 117   | 611065   | 50.00    | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.255  | 152   | 308429   | 50.00    | ug/L   | 0.00     |
| System Monitoring Compounds   |         |       |          |          |        |          |
| 4) Vinyl Chloride-d3          | 1.307   | 65    | 86951    | 30.58    | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 60 - 135 | Recovery | =      | 61.16%   |
| 7) Chloroethane-d5            | 1.571   | 69    | 89460    | 35.21    | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 70 - 130 | Recovery | =      | 70.42%   |
| 11) 1,1-Dichloroethene-d2     | 2.108   | 63    | 197607   | 24.91    | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 60 - 125 | Recovery | =      | 49.82%#  |
| 21) 2-Butanone-d5             | 3.899   | 46    | 199577   | 87.48    | ug/L   | 0.00     |
| Spiked Amount                 | 100.000 | Range | 40 - 130 | Recovery | =      | 87.48%   |
| 24) Chloroform-d              | 4.352   | 84    | 379445   | 41.93    | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 70 - 125 | Recovery | =      | 83.86%   |
| 26) 1,2-Dichloroethane-d4     | 5.034   | 65    | 301077   | 44.45    | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 70 - 125 | Recovery | =      | 88.90%   |
| 32) Benzene-d6                | 5.053   | 84    | 576587   | 40.97    | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 70 - 125 | Recovery | =      | 81.94%   |
| 36) 1,2-Dichloropropane-d6    | 6.072   | 67    | 160417   | 44.38    | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 70 - 120 | Recovery | =      | 88.76%   |
| 41) Toluene-d8                | 7.320   | 98    | 567588   | 38.92    | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 80 - 120 | Recovery | =      | 77.84%#  |
| 43) trans-1,3-Dichloroprop... | 7.625   | 79    | 103832   | 38.62    | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 60 - 125 | Recovery | =      | 77.24%   |
| 47) 2-Hexanone-d5             | 8.095   | 63    | 148685   | 89.07    | ug/L   | 0.00     |
| Spiked Amount                 | 100.000 | Range | 45 - 130 | Recovery | =      | 89.07%   |
| 56) 1,1,2,2-Tetrachloroeth... | 10.220  | 84    | 259348   | 44.83    | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 65 - 120 | Recovery | =      | 89.66%   |
| 66) 1,2-Dichlorobenzene-d4    | 11.632  | 152   | 285808   | 47.02    | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 80 - 120 | Recovery | =      | 94.04%   |
| Target Compounds              |         |       |          |          |        |          |
|                               |         |       |          |          | Qvalue |          |
| 45) 1,1,2-Trichloroethane     | 7.979   | 97    | 5271     | 1.24     | ug/L # | 46       |
| 46) Tetrachloroethene         | 7.979   | 164   | 553591   | 128.06   | ug/L   | 98       |
| -----                         |         |       |          |          |        |          |

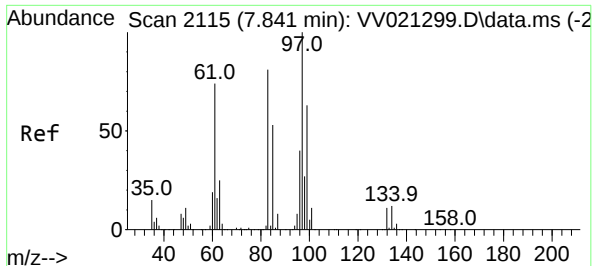
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VV050621\  
Data File : VV021304.D  
Acq On : 06 May 2021 13:08  
Operator : SY/MD  
Sample : M2271-04  
Misc : 5.0mL/MSVOA\_V/WATER  
ALS Vial : 7 Sample Multiplier: 1

Instrument :  
MSVOA\_V  
ClientSampleId :

Quant Time: May 07 03:57:12 2021  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVLM050321WMA.M  
Quant Title : VOC Analysis  
QLast Update : Fri May 07 03:56:18 2021  
Response via : Initial Calibration





#45

1,1,2-Trichloroethane

Concen: 1.24 ug/L

RT: 7.979 min Scan# 2158

Delta R.T. 0.138 min

Lab File: VV021304.D

Acq: 06 May 2021 13:08

Tgt Ion: 97 Resp: 5271

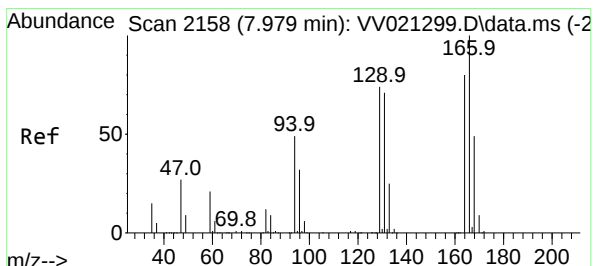
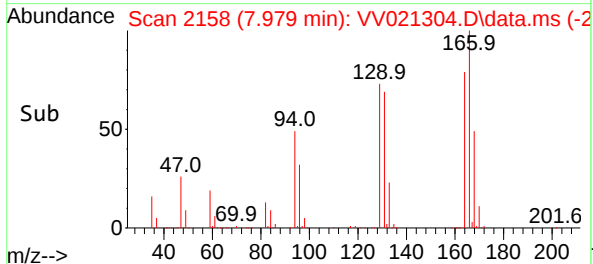
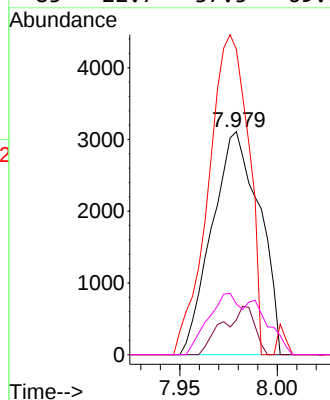
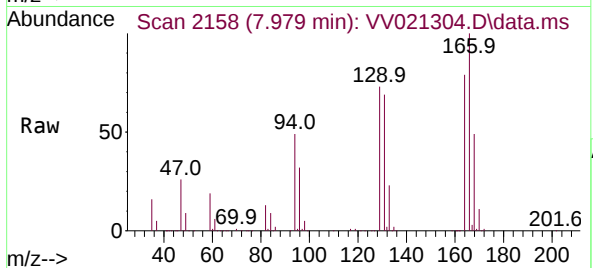
Ion Ratio Lower Upper

97 100

99 15.5 43.7 81.1#

83 136.9 59.6 110.6#

85 22.7 37.5 69.6#



#46

Tetrachloroethene

Concen: 128.06 ug/L

RT: 7.979 min Scan# 2158

Delta R.T. -0.000 min

Lab File: VV021304.D

Acq: 06 May 2021 13:08

Tgt Ion:164 Resp: 553591

Ion Ratio Lower Upper

164 100

129 92.7 63.8 118.4

131 87.6 59.3 110.1

166 127.3 87.7 162.9

