

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VW101421\  
 Data File : VW022804.D  
 Acq On : 14 Oct 2021 19:52  
 Operator : SY/MD  
 Sample : M4214-11  
 Misc : 25.0mL/MSVOA\_V/WATER  
 ALS Vial : 27 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 JDGG7

Quant Time: Oct 15 02:01:34 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVTR100721WMA.M  
 Quant Title : TRACE VOA SFAM1.0  
 QLast Update : Fri Oct 15 01:58:00 2021  
 Response via : Initial Calibration

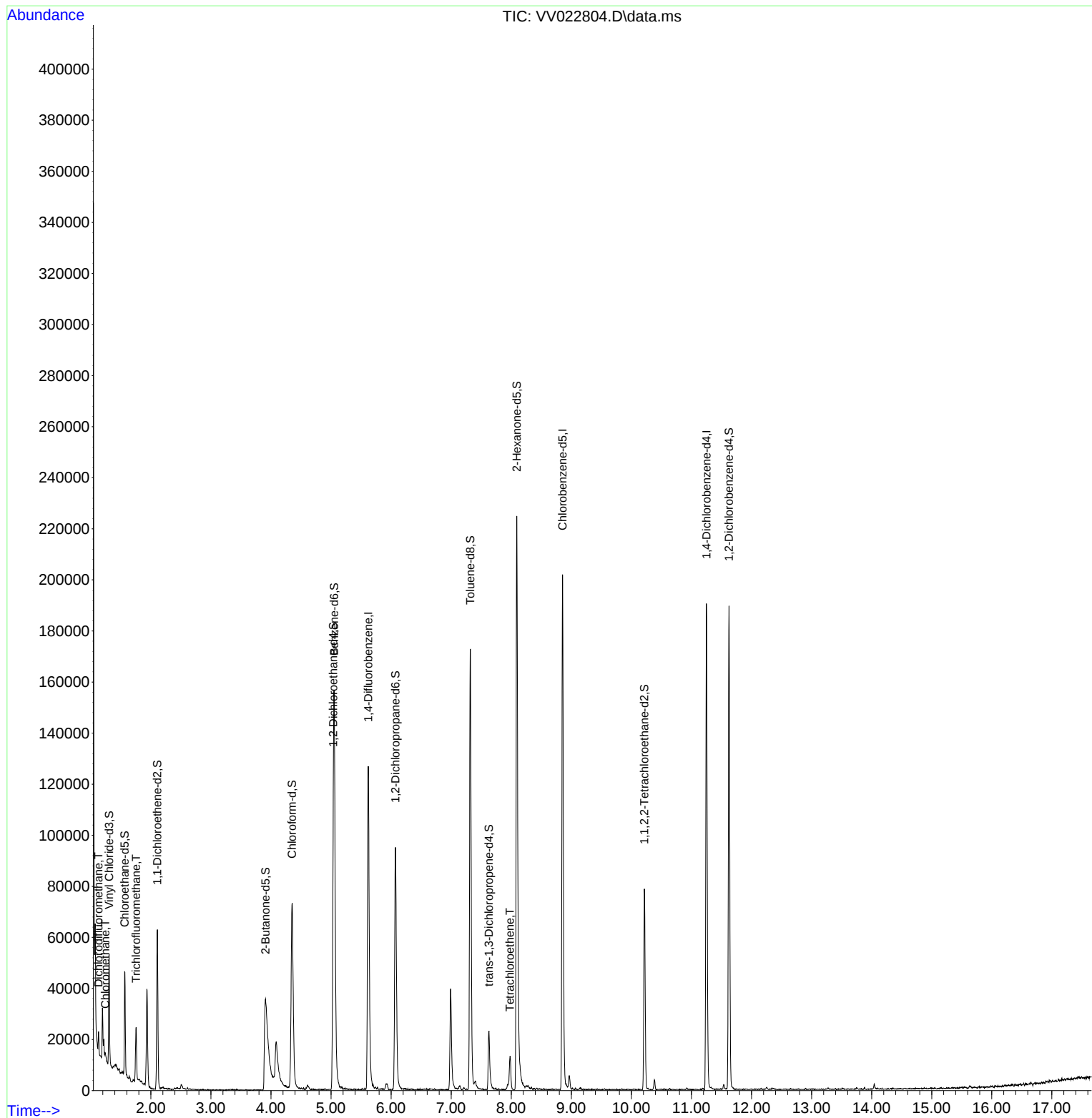
| Compound                      | R.T.   | QIon  | Response | Conc     | Units | Dev(Min) |
|-------------------------------|--------|-------|----------|----------|-------|----------|
| Internal Standards            |        |       |          |          |       |          |
| 1) 1,4-Difluorobenzene        | 5.619  | 114   | 113597   | 5.00     | ug/L  | 0.00     |
| 28) Chlorobenzene-d5          | 8.853  | 117   | 115608   | 5.00     | ug/L  | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.249 | 152   | 51832    | 5.00     | ug/L  | 0.00     |
| System Monitoring Compounds   |        |       |          |          |       |          |
| 4) Vinyl Chloride-d3          | 1.304  | 65    | 26871    | 3.44     | ug/L  | 0.00     |
| Spiked Amount                 | 5.000  | Range | 40 - 130 | Recovery | =     | 68.80%   |
| 7) Chloroethane-d5            | 1.564  | 69    | 26084    | 3.71     | ug/L  | 0.00     |
| Spiked Amount                 | 5.000  | Range | 65 - 130 | Recovery | =     | 74.20%   |
| 11) 1,1-Dichloroethene-d2     | 2.108  | 63    | 31473    | 2.05     | ug/L  | 0.00     |
| Spiked Amount                 | 5.000  | Range | 60 - 125 | Recovery | =     | 41.00%#  |
| 20) 2-Butanone-d5             | 3.908  | 46    | 81501    | 39.77    | ug/L  | 0.00     |
| Spiked Amount                 | 50.000 | Range | 40 - 130 | Recovery | =     | 79.54%   |
| 24) Chloroform-d              | 4.352  | 84    | 77216    | 4.79     | ug/L  | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =     | 95.80%   |
| 26) 1,2-Dichloroethane-d4     | 5.037  | 65    | 38089    | 4.87     | ug/L  | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =     | 97.40%   |
| 32) Benzene-d6                | 5.053  | 84    | 143199   | 4.16     | ug/L  | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =     | 83.20%   |
| 36) 1,2-Dichloropropane-d6    | 6.072  | 67    | 48401    | 4.75     | ug/L  | 0.00     |
| Spiked Amount                 | 5.000  | Range | 60 - 140 | Recovery | =     | 95.00%   |
| 41) Toluene-d8                | 7.320  | 98    | 118633   | 3.99     | ug/L  | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =     | 79.80%   |
| 43) trans-1,3-Dichloroprop... | 7.628  | 79    | 14814    | 4.38     | ug/L  | 0.00     |
| Spiked Amount                 | 5.000  | Range | 55 - 130 | Recovery | =     | 87.60%   |
| 46) 2-Hexanone-d5             | 8.091  | 63    | 78979    | 57.96    | ug/L  | 0.00     |
| Spiked Amount                 | 50.000 | Range | 45 - 130 | Recovery | =     | 115.92%  |
| 56) 1,1,2,2-Tetrachloroeth... | 10.217 | 84    | 37171    | 5.38     | ug/L  | 0.00     |
| Spiked Amount                 | 5.000  | Range | 65 - 120 | Recovery | =     | 107.60%  |
| 66) 1,2-Dichlorobenzene-d4    | 11.625 | 152   | 49700    | 5.17     | ug/L  | 0.00     |
| Spiked Amount                 | 5.000  | Range | 80 - 120 | Recovery | =     | 103.40%  |
| Target Compounds              |        |       |          |          |       |          |
| 2) Dichlorodifluoromethane    | 1.127  | 85    | 3944     | 0.48     | ug/L  | 92       |
| 3) Chloromethane              | 1.243  | 50    | 1107     | 0.13     | ug/L  | 92       |
| 9) Trichlorofluoromethane     | 1.754  | 101   | 11675    | 0.93     | ug/L  | 98       |
| 47) Tetrachloroethene         | 7.979  | 164   | 3337     | 0.49     | ug/L  | 90       |

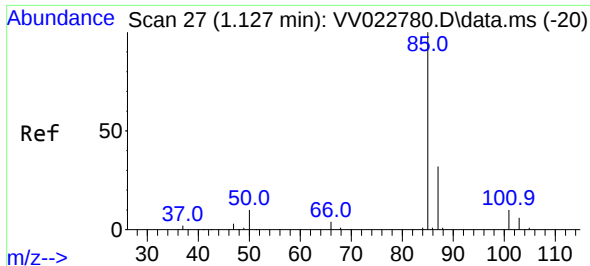
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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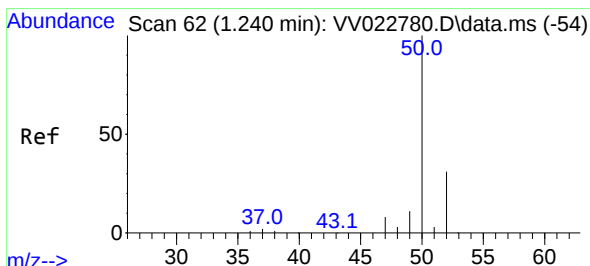
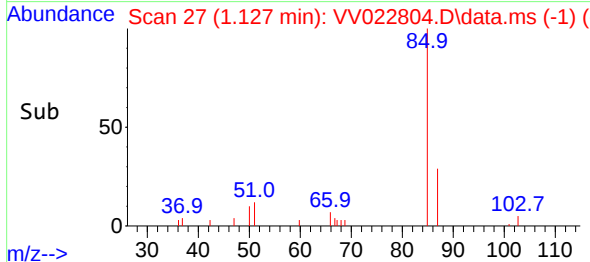
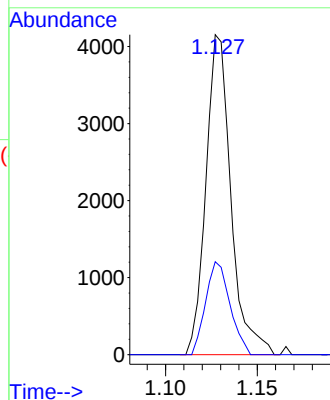
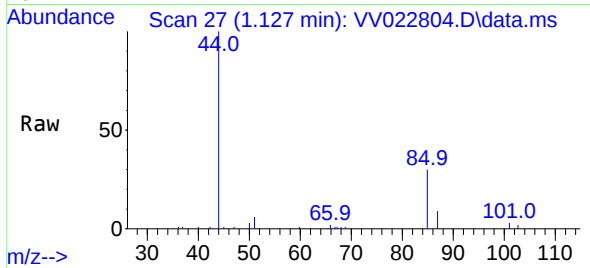




#2  
Dichlorodifluoromethane  
Concen: 0.48 ug/L  
RT: 1.127 min Scan# 27  
Delta R.T. -0.000 min  
Lab File: VV022804.D  
Acq: 14 Oct 2021 19:52

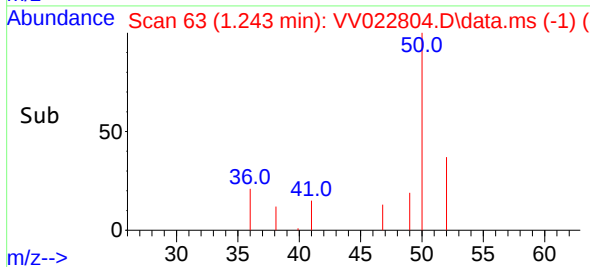
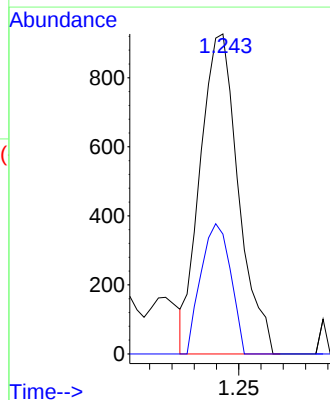
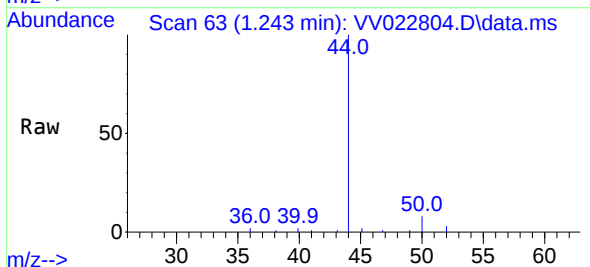
Instrument :  
MSVOA\_V  
ClientSampled :  
JDGG7

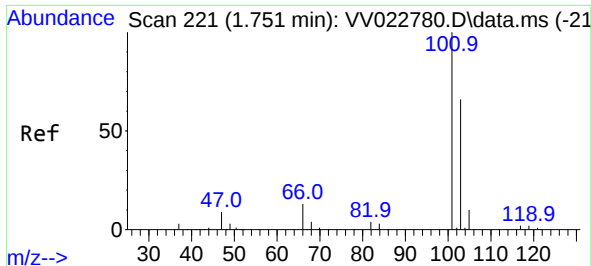
Tgt Ion: 85 Resp: 3944  
Ion Ratio Lower Upper  
85 100  
87 28.2 26.3 39.5



#3  
Chloromethane  
Concen: 0.13 ug/L  
RT: 1.243 min Scan# 63  
Delta R.T. 0.003 min  
Lab File: VV022804.D  
Acq: 14 Oct 2021 19:52

Tgt Ion: 50 Resp: 1107  
Ion Ratio Lower Upper  
50 100  
52 37.4 22.9 42.5

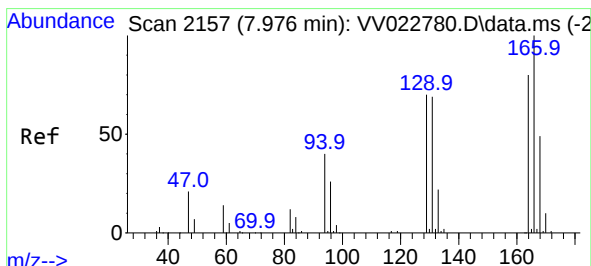
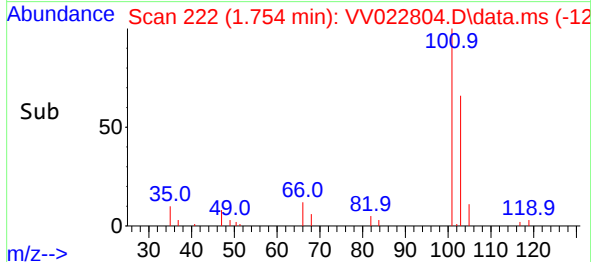
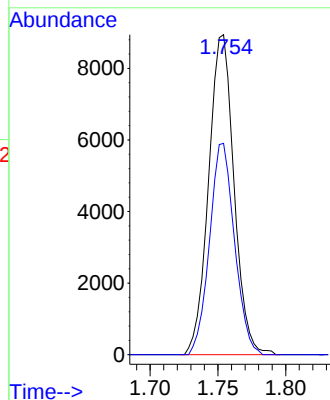
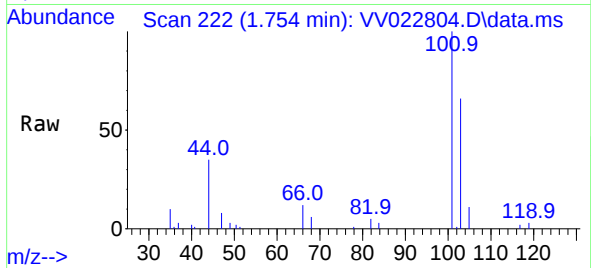




#9  
 Trichlorofluoromethane  
 Concen: 0.93 ug/L  
 RT: 1.754 min Scan# 222  
 Delta R.T. 0.003 min  
 Lab File: VV022804.D  
 Acq: 14 Oct 2021 19:52

Instrument :  
 MSVOA\_V  
 ClientSampled :  
 JDGG7

Tgt Ion:101 Resp: 11675  
 Ion Ratio Lower Upper  
 101 100  
 103 64.8 50.3 75.5



#47  
 Tetrachloroethene  
 Concen: 0.49 ug/L  
 RT: 7.979 min Scan# 2158  
 Delta R.T. 0.003 min  
 Lab File: VV022804.D  
 Acq: 14 Oct 2021 19:52

Tgt Ion:164 Resp: 3337  
 Ion Ratio Lower Upper  
 164 100  
 129 89.2 65.0 120.6  
 131 76.8 62.2 115.4  
 166 113.6 89.2 165.8

