

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU052521\  
 Data File : VU043967.D  
 Acq On : 25 May 2021 17:32  
 Operator : SY/MD  
 Sample : VSTD0.136  
 Misc : 25.0mL/MSVOA\_U/WATER  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 VSTD0.1136

Quant Time: May 26 04:08:51 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\SFAMUSIM052521.M  
 Quant Title : TRACE VOA SOM01.0  
 QLast Update : Wed May 26 04:08:16 2021  
 Response via : Initial Calibration

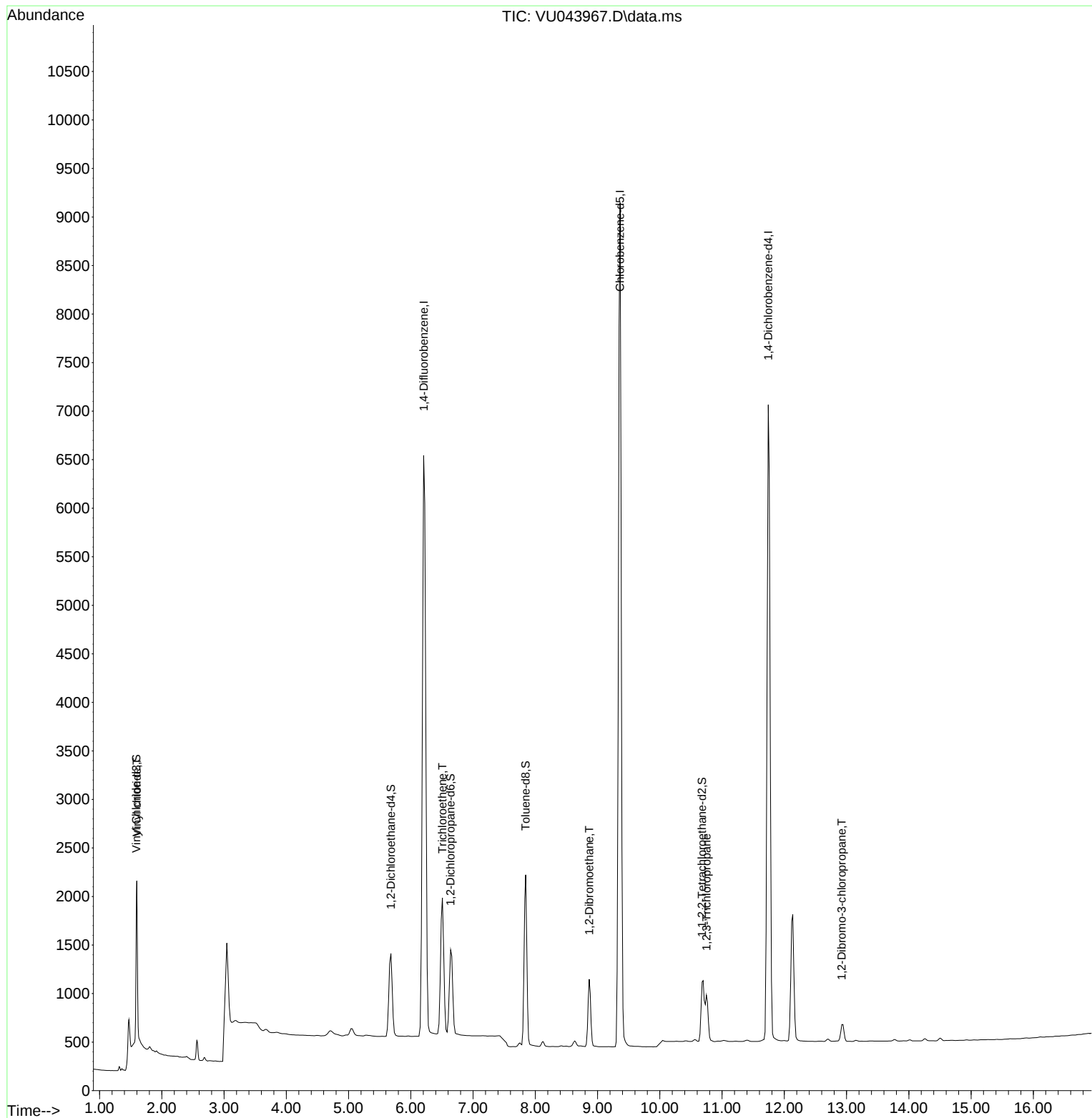
| Compound                      | R.T.   | QIon | Response | Conc | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|------|--------|----------|
| -----                         |        |      |          |      |        |          |
| Internal Standards            |        |      |          |      |        |          |
| 1) 1,4-Difluorobenzene        | 6.207  | 114  | 16463    | 0.50 | ug/L   | -0.02    |
| 5) Chlorobenzene-d5           | 9.361  | 117  | 14635    | 0.50 | ug/L   | 0.00     |
| 11) 1,4-Dichlorobenzene-d4    | 11.742 | 152  | 6652     | 0.50 | ug/L   | 0.00     |
| System Monitoring Compounds   |        |      |          |      |        |          |
| 2) Vinyl Chloride-d3          | 1.592  | 65   | 702      | 0.06 | ug/L   | 0.00     |
| 4) 1,2-Dichloroethane-d4      | 5.680  | 65   | 1798     | 0.11 | ug/L   | 0.00     |
| 7) 1,2-Dichloropropane-d6     | 6.639  | 67   | 1395     | 0.10 | ug/L   | -0.02    |
| 8) Toluene-d8                 | 7.845  | 98   | 3226     | 0.09 | ug/L   | 0.00     |
| 10) 1,1,2,2-Tetrachloroeth... | 10.679 | 84   | 1309     | 0.11 | ug/L   | 0.00     |
| Target Compounds              |        |      |          |      |        |          |
|                               |        |      |          |      |        | Qvalue   |
| 3) Vinyl chloride             | 1.599  | 62   | 1376     | 0.10 | ug/L # | 43       |
| 6) Trichloroethene            | 6.508  | 95   | 1378     | 0.10 | ug/L   | 98       |
| 9) 1,2-Dibromoethane          | 8.866  | 107  | 990      | 0.11 | ug/L # | 98       |
| 12) 1,2,3-Trichloropropane    | 10.748 | 75   | 913      | 0.12 | ug/L   | 97       |
| 13) 1,2-Dibromo-3-chloropr... | 12.924 | 75   | 186      | 0.13 | ug/L   | 95       |
| -----                         |        |      |          |      |        |          |

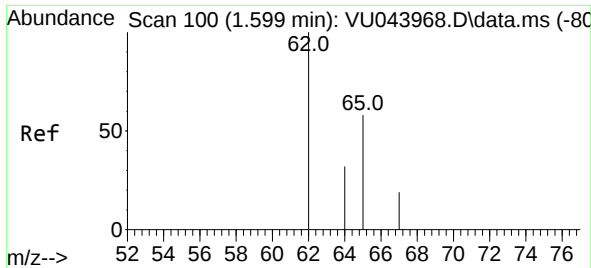
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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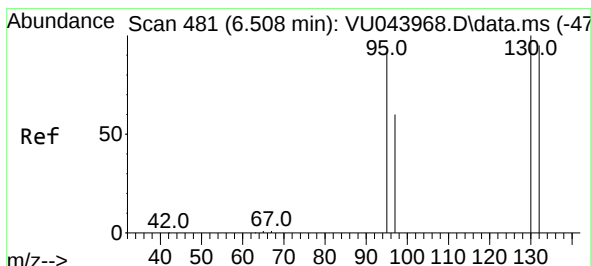
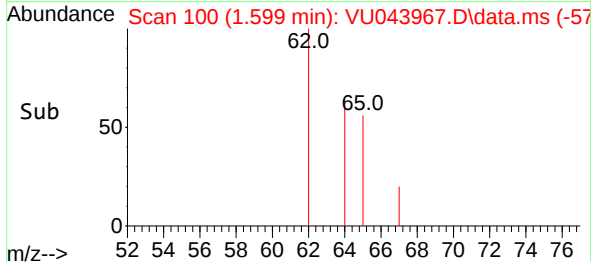
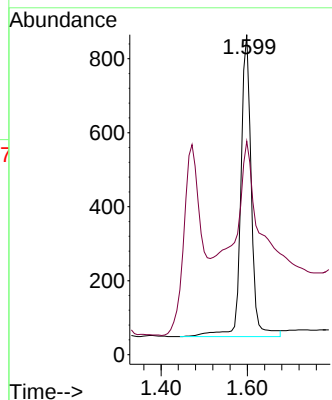
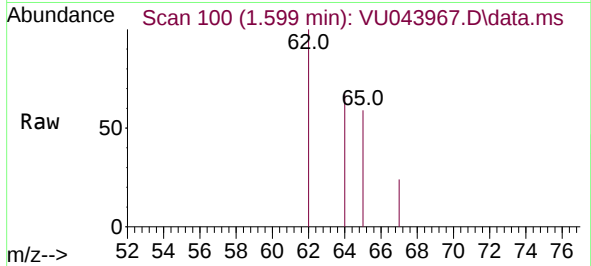




#3  
 Vinyl chloride  
 Concen: 0.10 ug/L  
 RT: 1.599 min Scan# 100  
 Delta R.T. 0.000 min  
 Lab File: VU043967.D  
 Acq: 25 May 2021 17:32

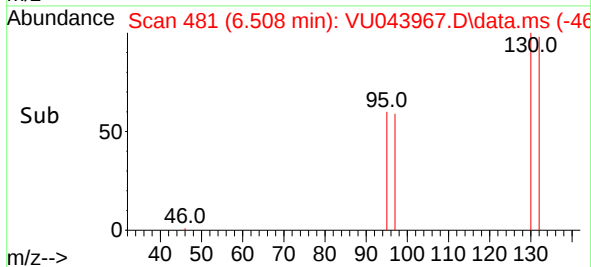
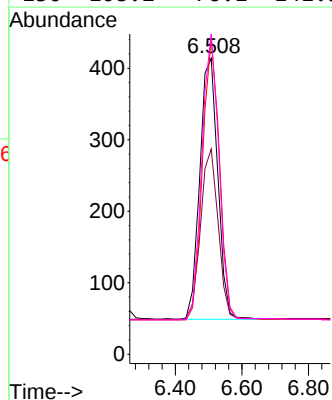
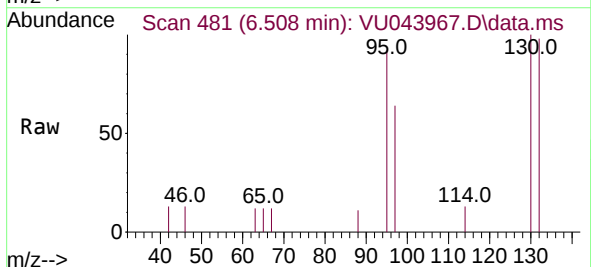
Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 VSTD0.1136

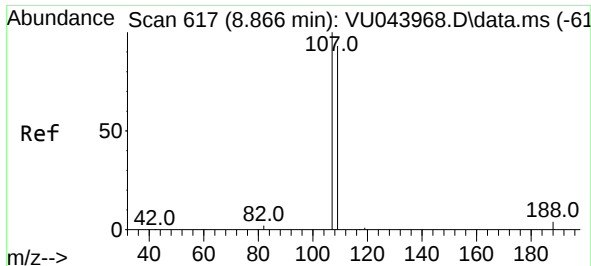
Tgt Ion: 62 Resp: 1376  
 Ion Ratio Lower Upper  
 62 100  
 64 66.7 23.7 44.1#



#6  
 Trichloroethene  
 Concen: 0.10 ug/L  
 RT: 6.508 min Scan# 481  
 Delta R.T. 0.000 min  
 Lab File: VU043967.D  
 Acq: 25 May 2021 17:32

Tgt Ion: 95 Resp: 1378  
 Ion Ratio Lower Upper  
 95 100  
 97 69.3 46.6 86.6  
 132 106.5 72.4 134.5  
 130 108.2 76.1 141.3

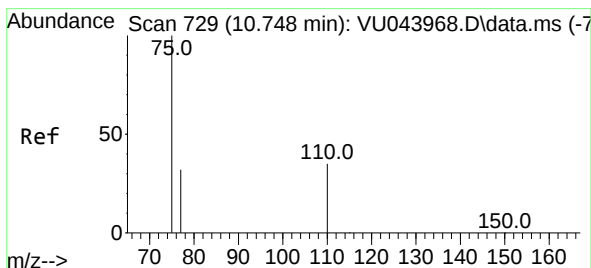
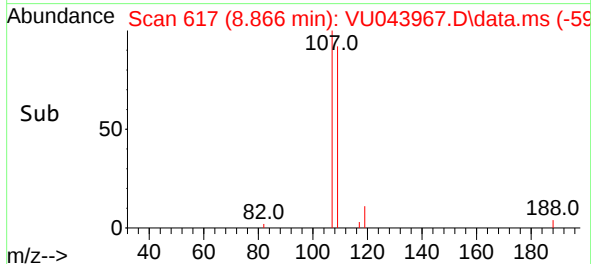
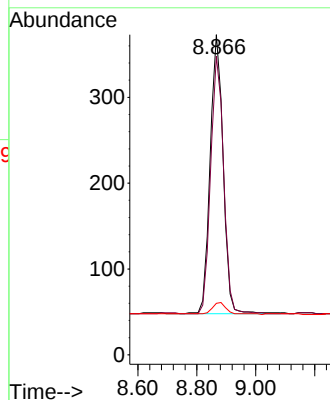
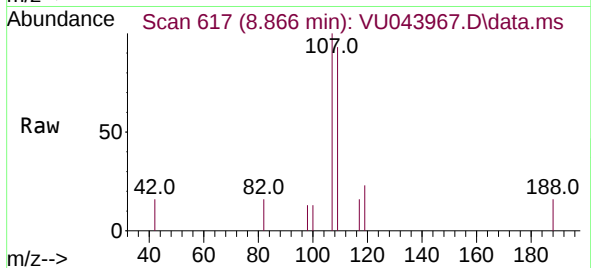




#9  
1,2-Dibromoethane  
Concen: 0.11 ug/L  
RT: 8.866 min Scan# 617  
Delta R.T. 0.000 min  
Lab File: VU043967.D  
Acq: 25 May 2021 17:32

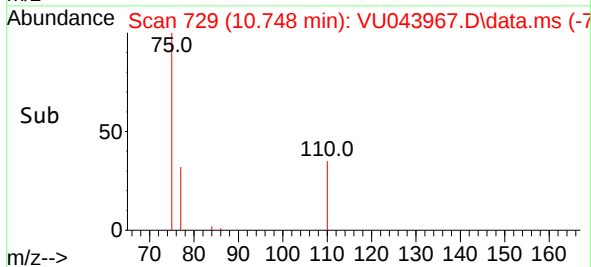
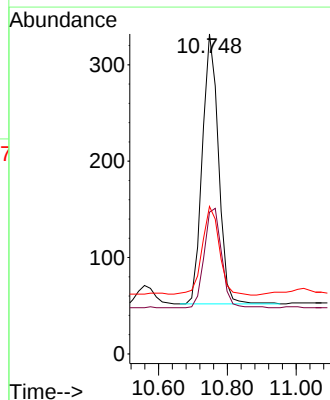
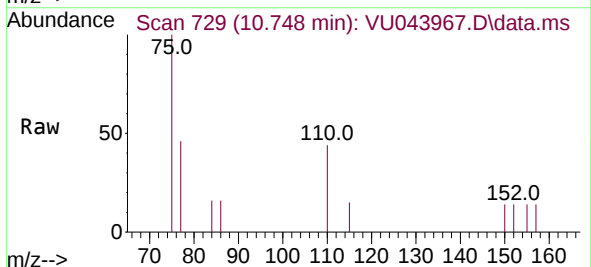
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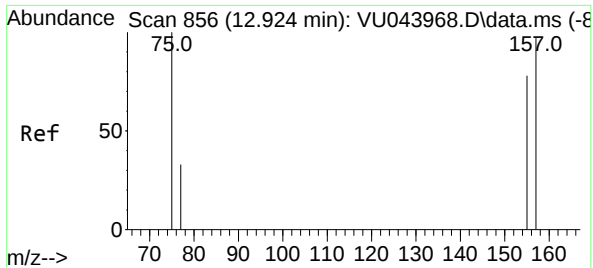
Tgt Ion:107 Resp: 990  
Ion Ratio Lower Upper  
107 100  
109 93.3 65.2 121.2  
188 16.1 5.0 7.6#



#12  
1,2,3-Trichloropropane  
Concen: 0.12 ug/L  
RT: 10.748 min Scan# 729  
Delta R.T. 0.000 min  
Lab File: VU043967.D  
Acq: 25 May 2021 17:32

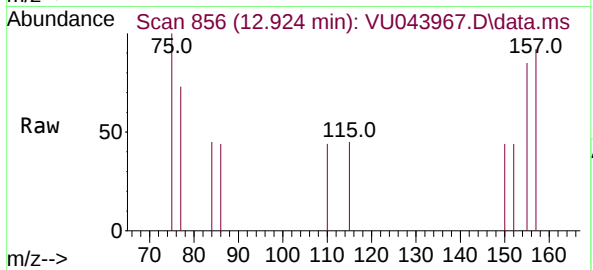
Tgt Ion: 75 Resp: 913  
Ion Ratio Lower Upper  
75 100  
110 39.6 31.2 46.8  
77 35.3 26.0 39.0





#13  
 1,2-Dibromo-3-chloropropane  
 Concen: 0.13 ug/L  
 RT: 12.924 min Scan# 856  
 Delta R.T. 0.000 min  
 Lab File: VU043967.D  
 Acq: 25 May 2021 17:32

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 VSTD0.1136



|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 75    | Resp: | 186   |
| Ion      | Ratio | Lower | Upper |
| 75       | 100   |       |       |
| 157      | 91.8  | 77.2  | 115.8 |
| 155      | 84.5  | 64.5  | 96.7  |

