

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU052521\  
 Data File : VU043970.D  
 Acq On : 25 May 2021 18:44  
 Operator : SY/MD  
 Sample : VSTD2.033  
 Misc : 25.0mL/MSVOA\_U/WATER  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 VSTD002133

Quant Time: May 26 04:09:07 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

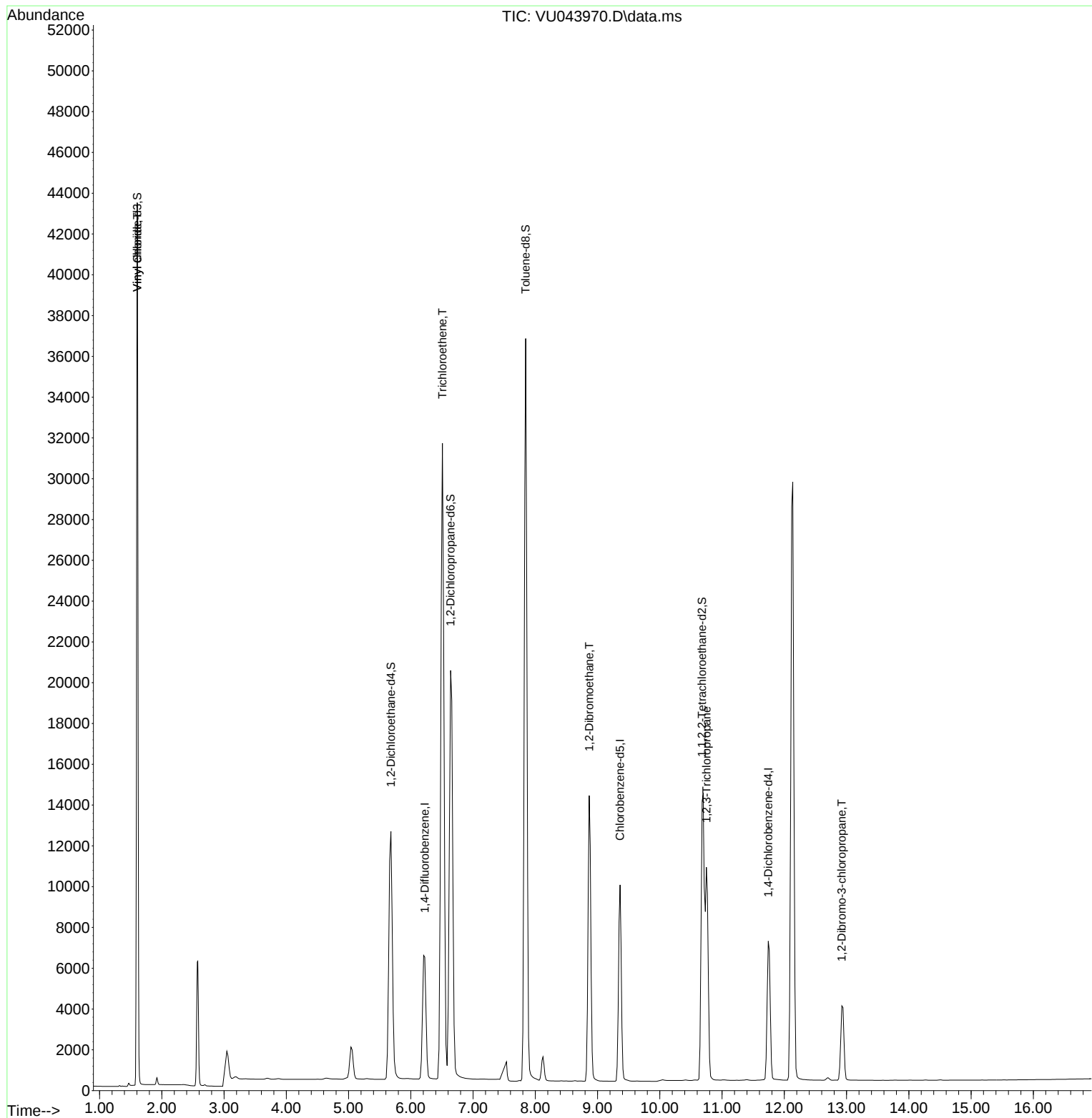
| Compound                      | R.T.   | QIon | Response | Conc Units  | Dev(Min)  |
|-------------------------------|--------|------|----------|-------------|-----------|
| Internal Standards            |        |      |          |             |           |
| 1) 1,4-Difluorobenzene        | 6.225  | 114  | 17355    | 0.50 ug/L   | 0.00      |
| 5) Chlorobenzene-d5           | 9.361  | 117  | 16229    | 0.50 ug/L   | 0.00      |
| 11) 1,4-Dichlorobenzene-d4    | 11.742 | 152  | 7194     | 0.50 ug/L   | 0.00      |
| System Monitoring Compounds   |        |      |          |             |           |
| 2) Vinyl Chloride-d3          | 1.606  | 65   | 18469    | 1.49 ug/L   | 0.00      |
| 4) 1,2-Dichloroethane-d4      | 5.680  | 65   | 25368    | 1.46 ug/L   | 0.00      |
| 7) 1,2-Dichloropropane-d6     | 6.639  | 67   | 32007    | 2.16 ug/L   | -0.02     |
| 8) Toluene-d8                 | 7.845  | 98   | 65043    | 1.65 ug/L   | 0.00      |
| 10) 1,1,2,2-Tetrachloroeth... | 10.679 | 84   | 29202    | 2.29 ug/L   | 0.00      |
| Target Compounds              |        |      |          |             |           |
| 3) Vinyl chloride             | 1.606  | 62   | 31444    | 2.20 ug/L   | Qvalue 98 |
| 6) Trichloroethene            | 6.508  | 95   | 29777    | 2.02 ug/L   | 99        |
| 9) 1,2-Dibromoethane          | 8.866  | 107  | 21632    | 2.13 ug/L # | 99        |
| 12) 1,2,3-Trichloropropane    | 10.748 | 75   | 19933    | 2.41 ug/L   | 100       |
| 13) 1,2-Dibromo-3-chloropr... | 12.924 | 75   | 3740     | 2.36 ug/L   | 98        |

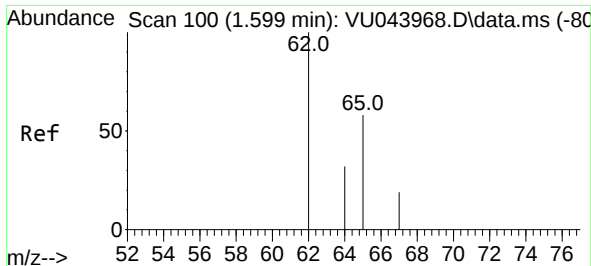
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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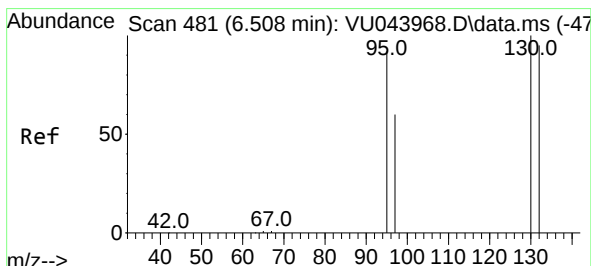
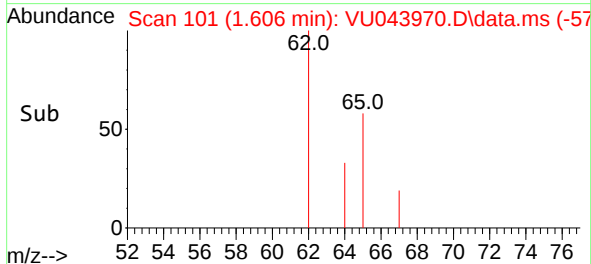
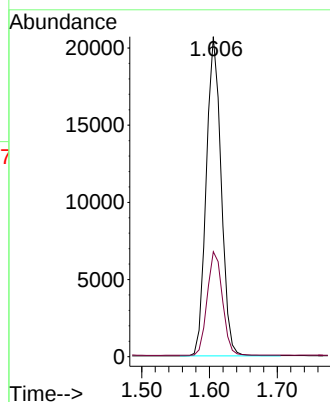
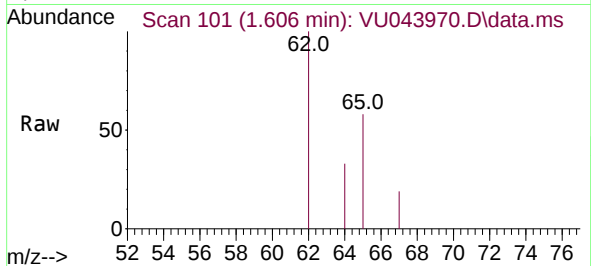




#3  
 Vinyl chloride  
 Concen: 2.20 ug/L  
 RT: 1.606 min Scan# 101  
 Delta R.T. 0.007 min  
 Lab File: VU043970.D  
 Acq: 25 May 2021 18:44

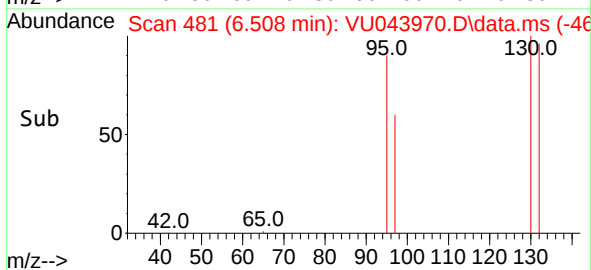
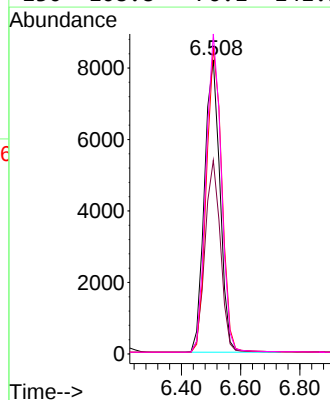
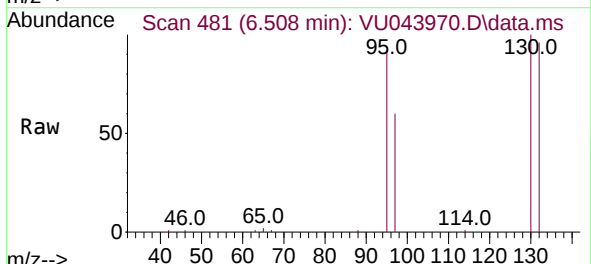
Instrument :  
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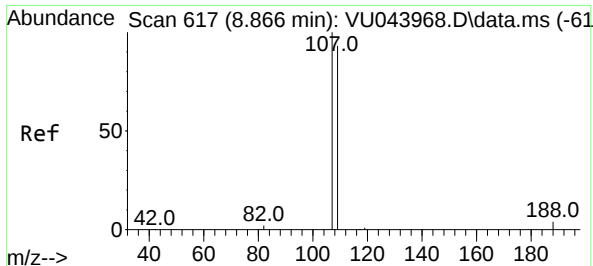
Tgt Ion: 62 Resp: 31444  
 Ion Ratio Lower Upper  
 62 100  
 64 32.8 23.7 44.1



#6  
 Trichloroethene  
 Concen: 2.02 ug/L  
 RT: 6.508 min Scan# 481  
 Delta R.T. 0.000 min  
 Lab File: VU043970.D  
 Acq: 25 May 2021 18:44

Tgt Ion: 95 Resp: 29777  
 Ion Ratio Lower Upper  
 95 100  
 97 65.8 46.6 86.6  
 132 104.2 72.4 134.5  
 130 108.8 76.1 141.3

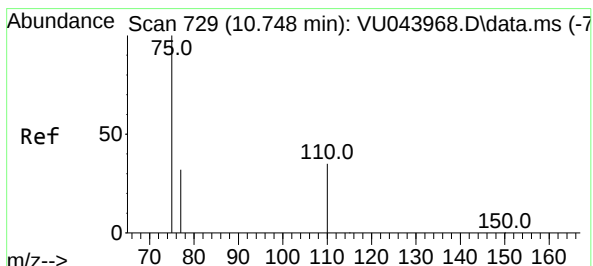
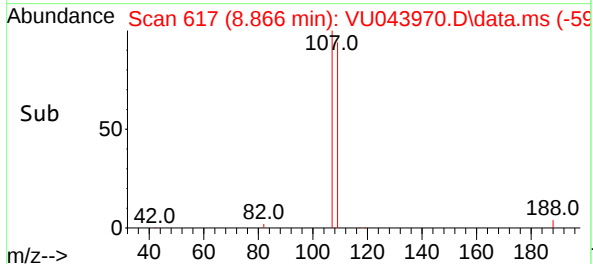
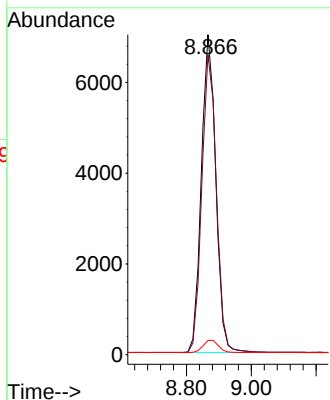
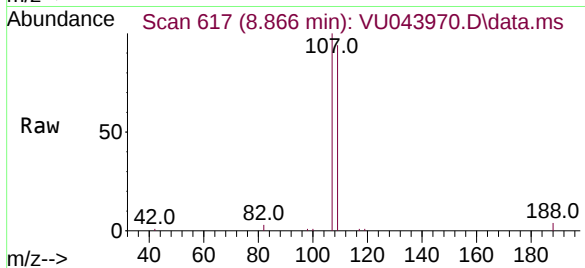




#9  
1,2-Dibromoethane  
Concen: 2.13 ug/L  
RT: 8.866 min Scan# 617  
Delta R.T. 0.000 min  
Lab File: VU043970.D  
Acq: 25 May 2021 18:44

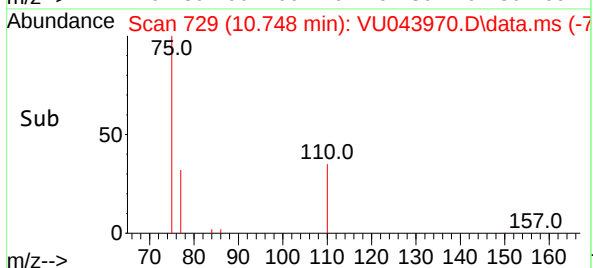
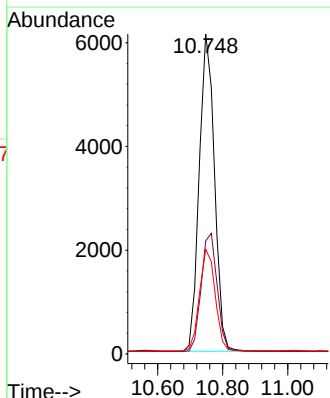
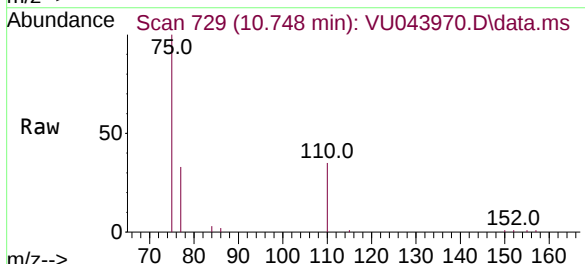
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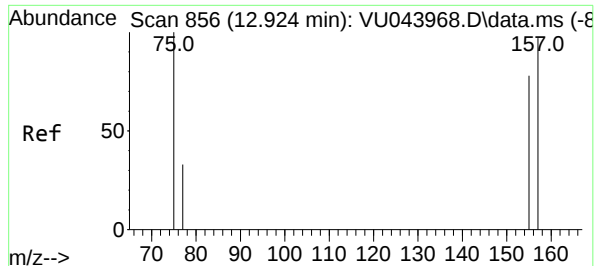
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 107   | Resp: | 21632 |
| Ion      | Ratio | Lower | Upper |
| 107      | 100   |       |       |
| 109      | 93.7  | 65.2  | 121.2 |
| 188      | 4.4   | 5.0   | 7.6#  |



#12  
1,2,3-Trichloropropane  
Concen: 2.41 ug/L  
RT: 10.748 min Scan# 729  
Delta R.T. 0.000 min  
Lab File: VU043970.D  
Acq: 25 May 2021 18:44

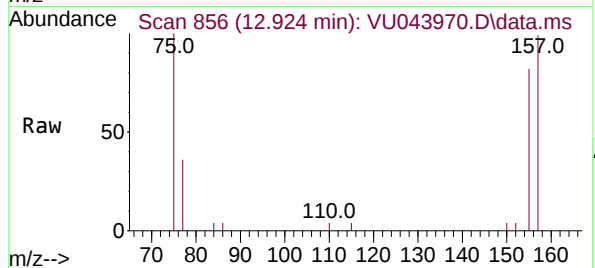
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 75    | Resp: | 19933 |
| Ion      | Ratio | Lower | Upper |
| 75       | 100   |       |       |
| 110      | 38.9  | 31.2  | 46.8  |
| 77       | 32.8  | 26.0  | 39.0  |





#13  
 1,2-Dibromo-3-chloropropane  
 Concen: 2.36 ug/L  
 RT: 12.924 min Scan# 856  
 Delta R.T. 0.000 min  
 Lab File: VU043970.D  
 Acq: 25 May 2021 18:44

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|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 75    | Resp: | 3740  |
| Ion      | Ratio | Lower | Upper |
| 75       | 100   |       |       |
| 157      | 99.0  | 77.2  | 115.8 |
| 155      | 81.6  | 64.5  | 96.7  |

