

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU052621\  
 Data File : VU043982.D  
 Acq On : 26 May 2021 16:21  
 Operator : SY/MD  
 Sample : VSTD0.0536  
 Misc : 25.0mL/MSVOA\_U/WATER  
 ALS Vial : 9 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :

Quant Time: May 27 01:28:56 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\SFAMUSIM052621.M  
 Quant Title : TRACE VOA SOM01.0  
 QLast Update : Thu May 27 01:26:40 2021  
 Response via : Initial Calibration

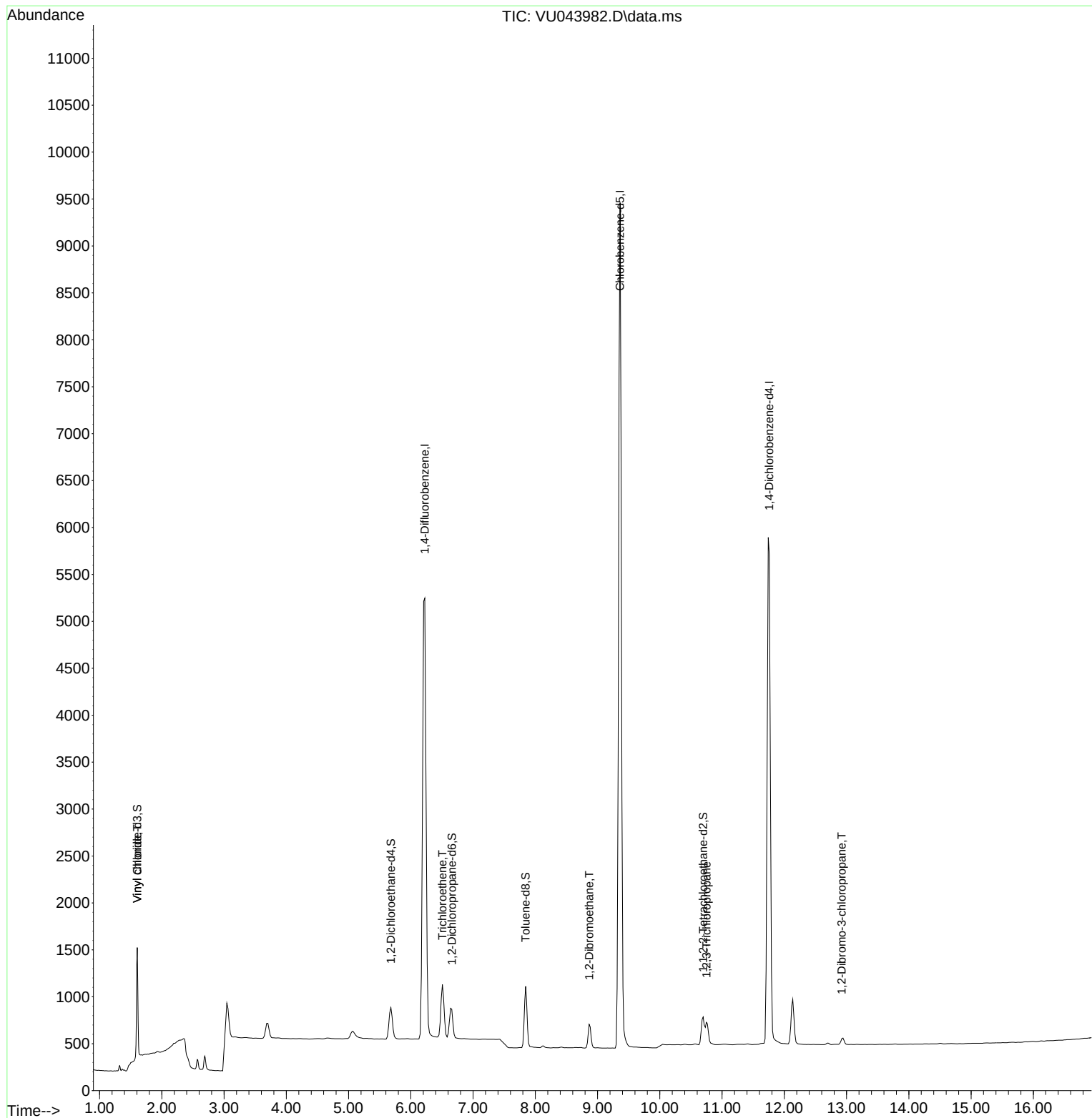
| Compound                      | R.T.   | QIon | Response | Conc | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|------|--------|----------|
| -----                         |        |      |          |      |        |          |
| Internal Standards            |        |      |          |      |        |          |
| 1) 1,4-Difluorobenzene        | 6.225  | 114  | 13541    | 0.50 | ug/L   | 0.00     |
| 5) Chlorobenzene-d5           | 9.361  | 117  | 15070    | 0.50 | ug/L   | 0.00     |
| 11) 1,4-Dichlorobenzene-d4    | 11.759 | 152  | 5833     | 0.50 | ug/L   | 0.00     |
| System Monitoring Compounds   |        |      |          |      |        |          |
| 2) Vinyl Chloride-d3          | 1.606  | 65   | 556      | 0.07 | ug/L   | 0.00     |
| 4) 1,2-Dichloroethane-d4      | 5.680  | 65   | 732      | 0.06 | ug/L   | 0.00     |
| 7) 1,2-Dichloropropane-d6     | 6.658  | 67   | 508      | 0.04 | ug/L   | 0.00     |
| 8) Toluene-d8                 | 7.845  | 98   | 1201     | 0.04 | ug/L   | 0.00     |
| 10) 1,1,2,2-Tetrachloroeth... | 10.696 | 84   | 604      | 0.04 | ug/L   | 0.00     |
| Target Compounds              |        |      |          |      |        |          |
|                               |        |      |          |      |        | Qvalue   |
| 3) Vinyl chloride             | 1.606  | 62   | 1013     | 0.07 | ug/L # | 71       |
| 6) Trichloroethene            | 6.508  | 95   | 554      | 0.04 | ug/L   | 94       |
| 9) 1,2-Dibromoethane          | 8.866  | 107  | 400      | 0.04 | ug/L # | 93       |
| 12) 1,2,3-Trichloropropane    | 10.748 | 75   | 497      | 0.06 | ug/L   | 97       |
| 13) 1,2-Dibromo-3-chloropr... | 12.924 | 75   | 74       | 0.05 | ug/L   | 95       |
| -----                         |        |      |          |      |        |          |

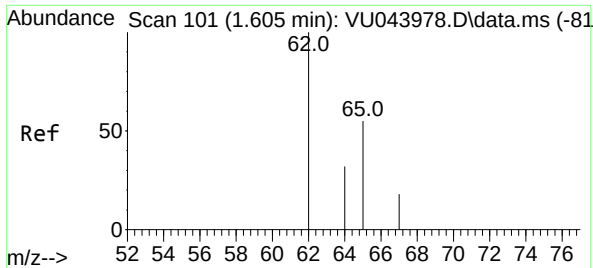
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration

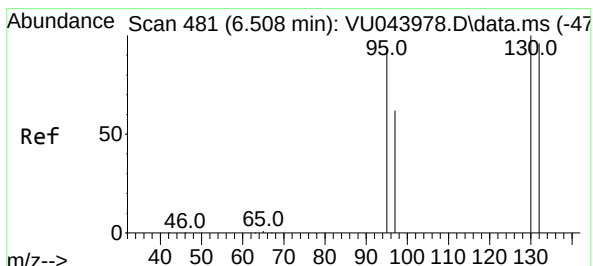
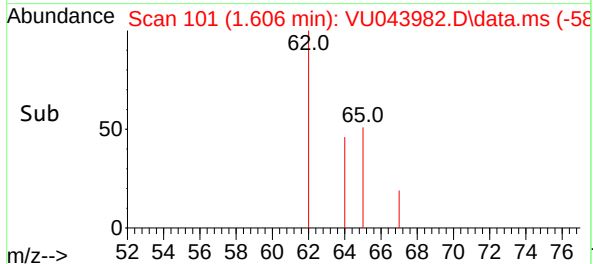
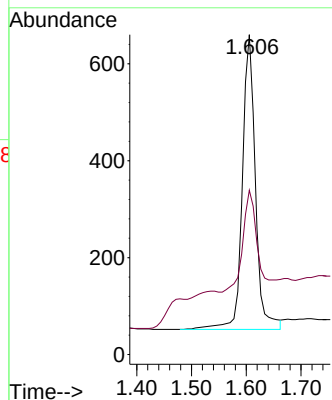
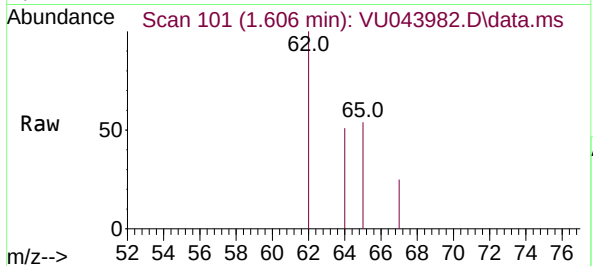




#3  
 Vinyl chloride  
 Concen: 0.07 ug/L  
 RT: 1.606 min Scan# 101  
 Delta R.T. 0.000 min  
 Lab File: VU043982.D  
 Acq: 26 May 2021 16:21

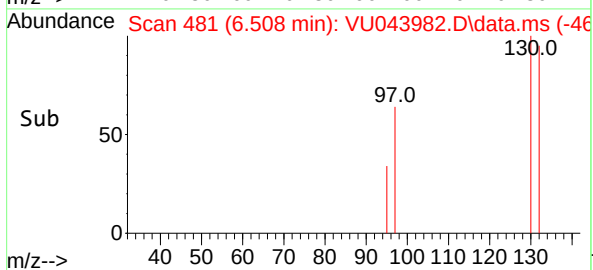
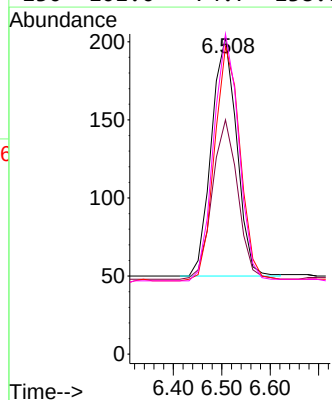
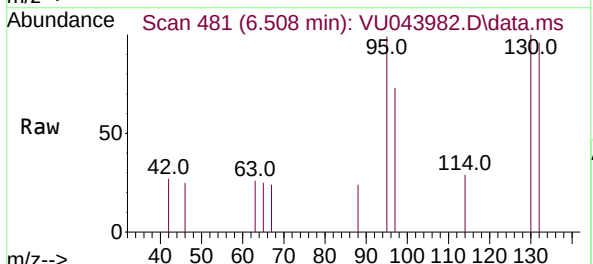
Instrument :  
 MSVOA\_U  
 ClientSampled :

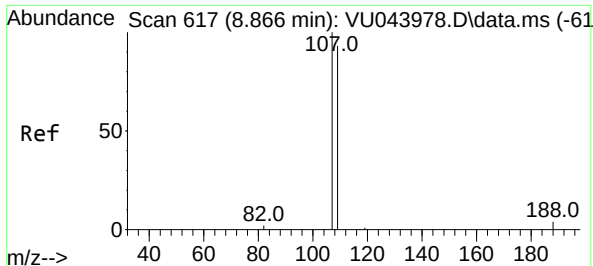
Tgt Ion: 62 Resp: 1013  
 Ion Ratio Lower Upper  
 62 100  
 64 51.4 24.1 44.7#



#6  
 Trichloroethene  
 Concen: 0.04 ug/L  
 RT: 6.508 min Scan# 481  
 Delta R.T. 0.000 min  
 Lab File: VU043982.D  
 Acq: 26 May 2021 16:21

Tgt Ion: 95 Resp: 554  
 Ion Ratio Lower Upper  
 95 100  
 97 73.9 46.9 87.1  
 132 97.0 71.5 132.9  
 130 101.0 74.7 138.7

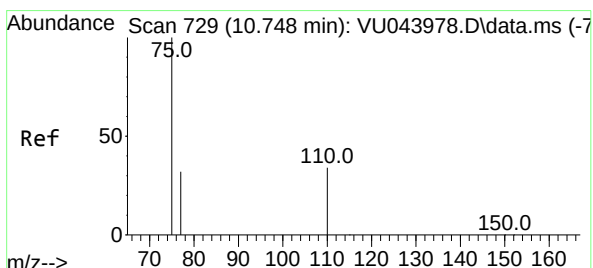
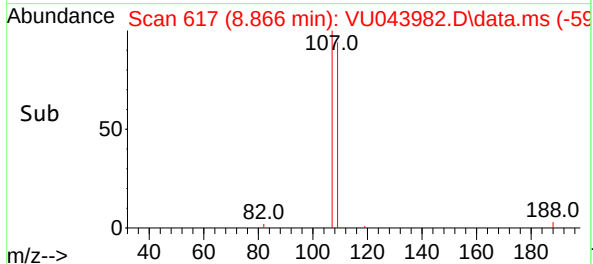
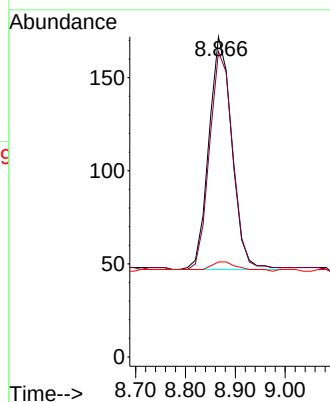
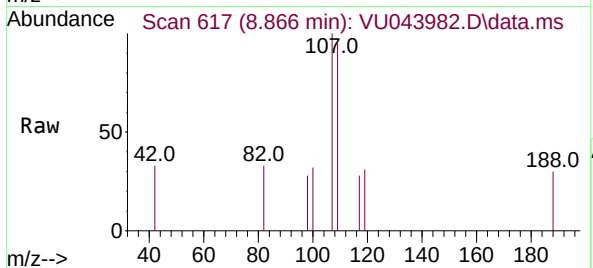




#9  
1,2-Dibromoethane  
Concen: 0.04 ug/L  
RT: 8.866 min Scan# 617  
Delta R.T. 0.000 min  
Lab File: VU043982.D  
Acq: 26 May 2021 16:21

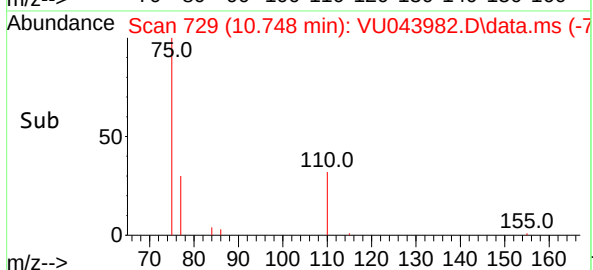
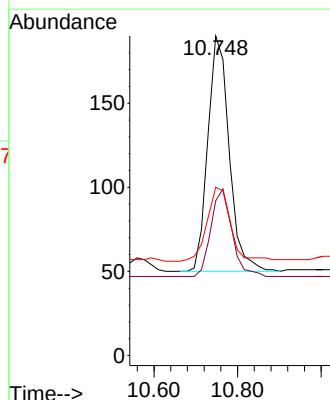
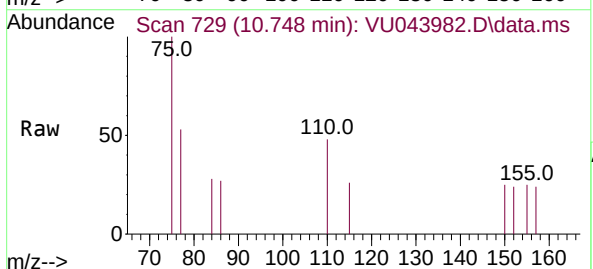
Instrument :  
MSVOA\_U  
ClientSampleId :

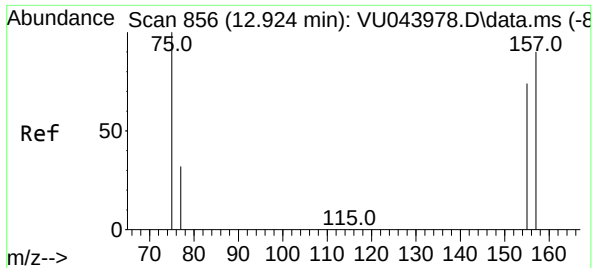
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 107   | Resp: | 400   |
| Ion      | Ratio | Lower | Upper |
| 107      | 100   |       |       |
| 109      | 95.3  | 65.2  | 121.0 |
| 188      | 29.7  | 5.1   | 7.7#  |



#12  
1,2,3-Trichloropropane  
Concen: 0.06 ug/L  
RT: 10.748 min Scan# 729  
Delta R.T. 0.000 min  
Lab File: VU043982.D  
Acq: 26 May 2021 16:21

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 75    | Resp: | 497   |
| Ion      | Ratio | Lower | Upper |
| 75       | 100   |       |       |
| 110      | 36.4  | 30.8  | 46.2  |
| 77       | 34.6  | 26.2  | 39.2  |





#13  
 1,2-Dibromo-3-chloropropane  
 Concen: 0.05 ug/L  
 RT: 12.924 min Scan# 856  
 Delta R.T. 0.000 min  
 Lab File: VU043982.D  
 Acq: 26 May 2021 16:21

Instrument :  
 MSVOA\_U  
 ClientSampleId :

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 75    | Resp: | 74    |
| Ion      | Ratio | Lower | Upper |
| 75       | 100   |       |       |
| 157      | 90.4  | 71.8  | 107.8 |
| 155      | 84.9  | 61.2  | 91.8  |

