

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU100923\  
 Data File : VU055691.D  
 Acq On : 09 Oct 2023 09:45  
 Operator : MD/SY  
 Sample : VSTD0.05  
 Misc : 25.0mL/MSVOA\_U/WATER  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :

Quant Time: Oct 10 01:03:52 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\SFAMUSIM100923.M  
 Quant Title : TRACE VOA SOM01.0  
 QLast Update : Tue Oct 10 01:03:32 2023  
 Response via : Initial Calibration

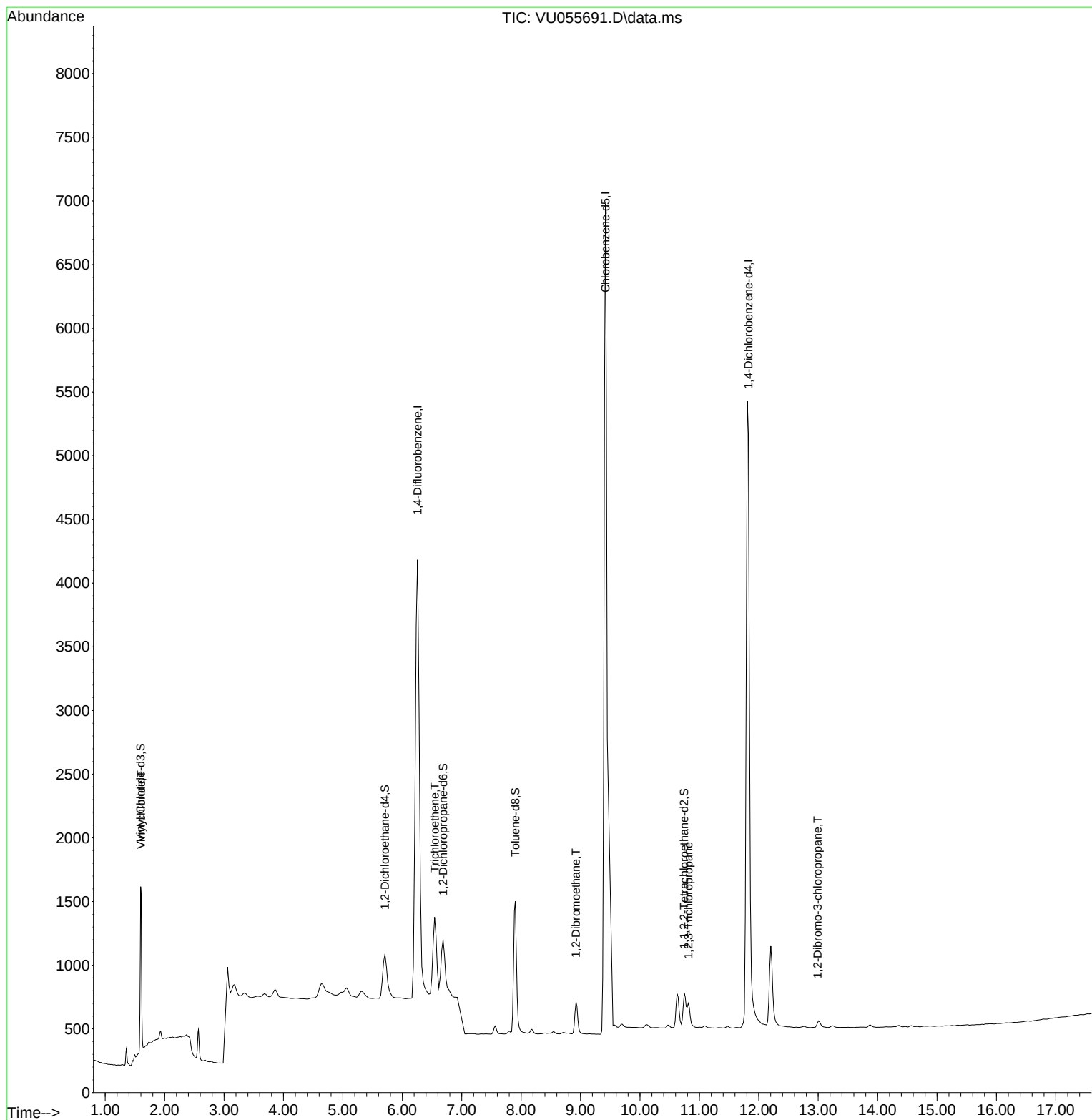
| Compound                      | R.T.   | QIon | Response | Conc  | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|-------|--------|----------|
| -----                         |        |      |          |       |        |          |
| Internal Standards            |        |      |          |       |        |          |
| 1) 1,4-Difluorobenzene        | 6.258  | 114  | 11587    | 0.500 | ug/L   | 0.00     |
| 5) Chlorobenzene-d5           | 9.418  | 117  | 17028    | 0.500 | ug/L   | 0.00     |
| 11) 1,4-Dichlorobenzene-d4    | 11.825 | 152  | 5552     | 0.500 | ug/L   | 0.02     |
| System Monitoring Compounds   |        |      |          |       |        |          |
| 2) Vinyl Chloride-d3          | 1.597  | 65   | 913      | 0.036 | ug/L   | 0.00     |
| 4) 1,2-Dichloroethane-d4      | 5.709  | 65   | 783      | 0.054 | ug/L   | 0.02     |
| 7) 1,2-Dichloropropane-d6     | 6.687  | 67   | 793      | 0.048 | ug/L   | 0.00     |
| 8) Toluene-d8                 | 7.903  | 98   | 2088     | 0.059 | ug/L   | 0.02     |
| 10) 1,1,2,2-Tetrachloroeth... | 10.745 | 84   | 571      | 0.050 | ug/L   | 0.00     |
| Target Compounds              |        |      |          |       |        |          |
|                               |        |      |          |       |        | Qvalue   |
| 3) Vinyl chloride             | 1.604  | 62   | 1053     | 0.044 | ug/L # | 80       |
| 6) Trichloroethene            | 6.544  | 95   | 806      | 0.058 | ug/L   | 96       |
| 9) 1,2-Dibromoethane          | 8.924  | 107  | 430      | 0.054 | ug/L # | 95       |
| 12) 1,2,3-Trichloropropane    | 10.814 | 75   | 400      | 0.054 | ug/L   | 96       |
| 13) 1,2-Dibromo-3-chloropr... | 12.990 | 75   | 78       | 0.067 | ug/L   | 96       |
| -----                         |        |      |          |       |        |          |

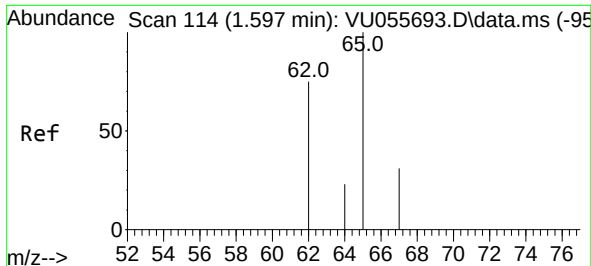
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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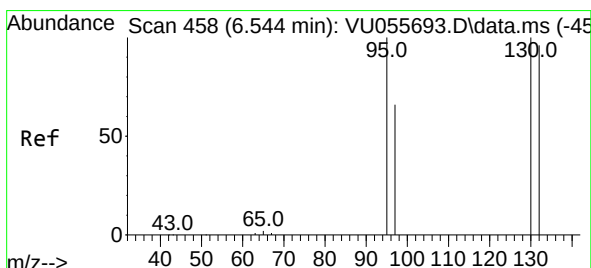
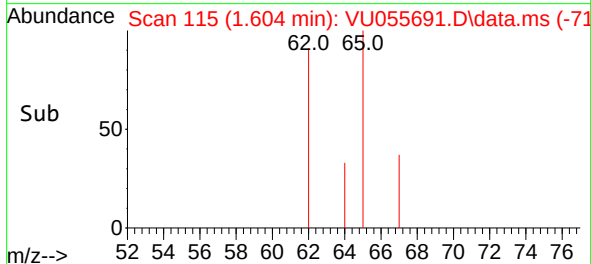
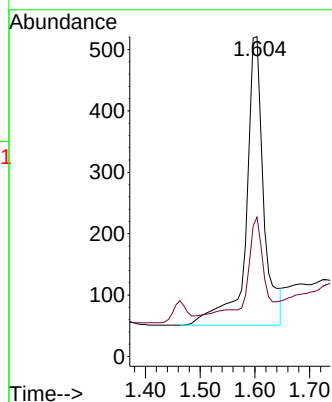
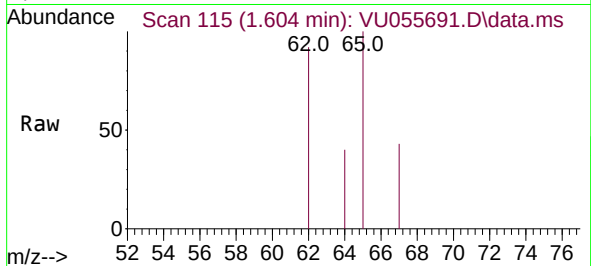




#3  
 Vinyl chloride  
 Concen: 0.044 ug/L  
 RT: 1.604 min Scan# 114  
 Delta R.T. 0.007 min  
 Lab File: VU055691.D  
 Acq: 09 Oct 2023 09:45

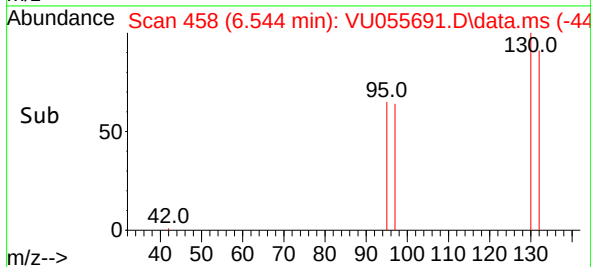
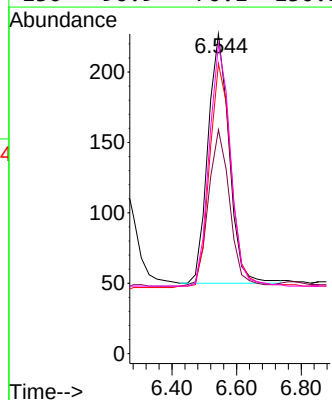
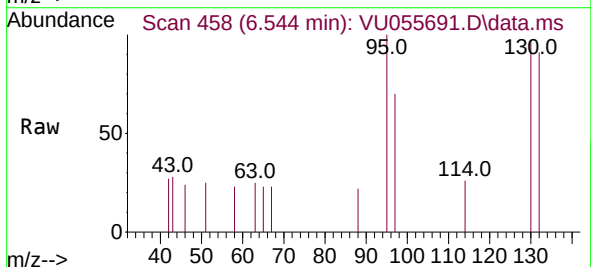
Instrument :  
 MSVOA\_U  
 ClientSampleId :

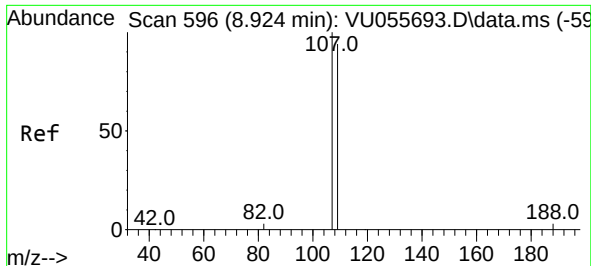
Tgt Ion: 62 Resp: 1053  
 Ion Ratio Lower Upper  
 62 100  
 64 43.6 22.8 42.4#



#6  
 Trichloroethene  
 Concen: 0.058 ug/L  
 RT: 6.544 min Scan# 458  
 Delta R.T. -0.000 min  
 Lab File: VU055691.D  
 Acq: 09 Oct 2023 09:45

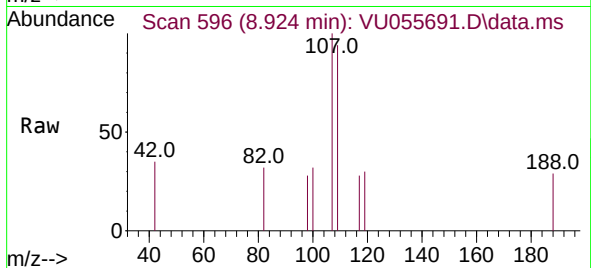
Tgt Ion: 95 Resp: 806  
 Ion Ratio Lower Upper  
 95 100  
 97 70.0 47.4 88.0  
 132 90.7 67.2 124.8  
 130 96.9 70.1 130.1



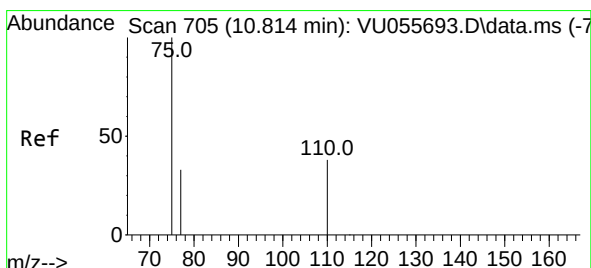
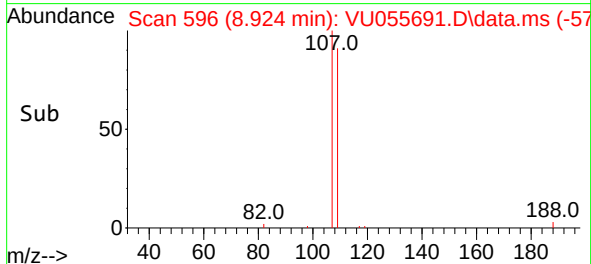
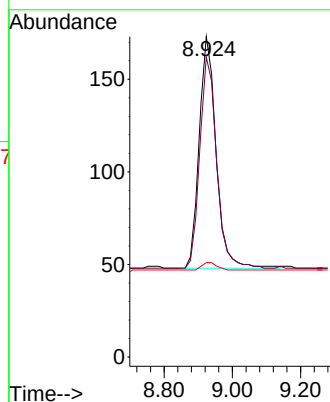


#9  
1,2-Dibromoethane  
Concen: 0.054 ug/L  
RT: 8.924 min Scan# 596  
Delta R.T. -0.000 min  
Lab File: VU055691.D  
Acq: 09 Oct 2023 09:45

Instrument :  
MSVOA\_U  
ClientSampleId :

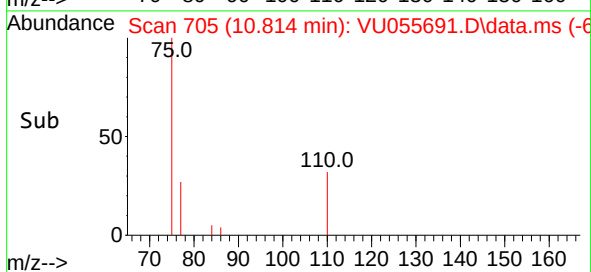
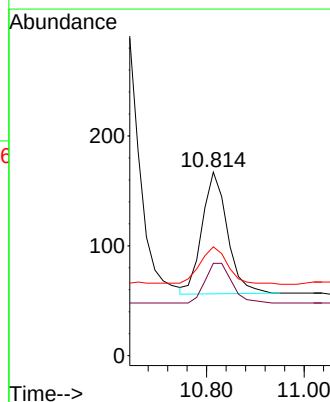
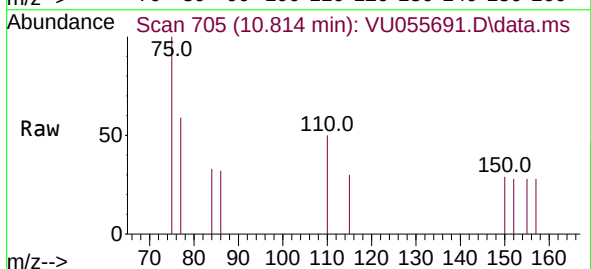


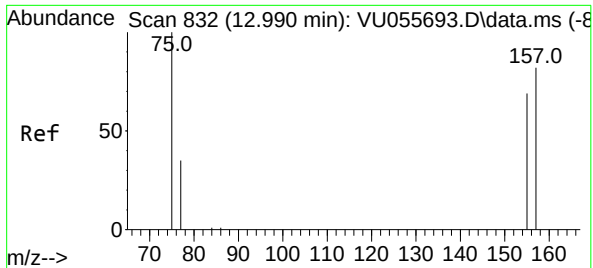
Tgt Ion:107 Resp: 430  
Ion Ratio Lower Upper  
107 100  
109 93.6 66.0 122.6  
188 29.5 5.4 8.0#



#12  
1,2,3-Trichloropropane  
Concen: 0.054 ug/L  
RT: 10.814 min Scan# 705  
Delta R.T. -0.000 min  
Lab File: VU055691.D  
Acq: 09 Oct 2023 09:45

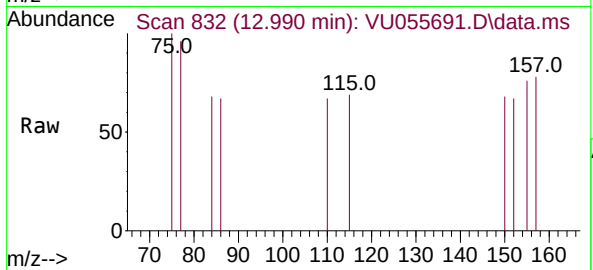
Tgt Ion: 75 Resp: 400  
Ion Ratio Lower Upper  
75 100  
110 34.3 30.4 45.6  
77 34.0 26.2 39.4





#13  
 1,2-Dibromo-3-chloropropane  
 Concen: 0.067 ug/L  
 RT: 12.990 min Scan# 81  
 Delta R.T. -0.000 min  
 Lab File: VU055691.D  
 Acq: 09 Oct 2023 09:45

Instrument :  
 MSVOA\_U  
 ClientSampleId :



|             |             |
|-------------|-------------|
| Tgt Ion: 75 | Resp: 78    |
| Ion Ratio   | Lower Upper |
| 75 100      |             |
| 157 77.8    | 65.8 98.8   |
| 155 76.4    | 58.6 87.8   |

