

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU052024\  
 Data File : VU058913.D  
 Acq On : 20 May 2024 11:37  
 Operator : MD/SY  
 Sample : VSTD0.5  
 Misc : 25.0mL/MSVOA\_U/WATER  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :

Quant Time: May 21 02:38:45 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\SFAMUSIM052024.M  
 Quant Title : TRACE VOA SOM01.0  
 QLast Update : Tue May 21 02:37:43 2024  
 Response via : Initial Calibration

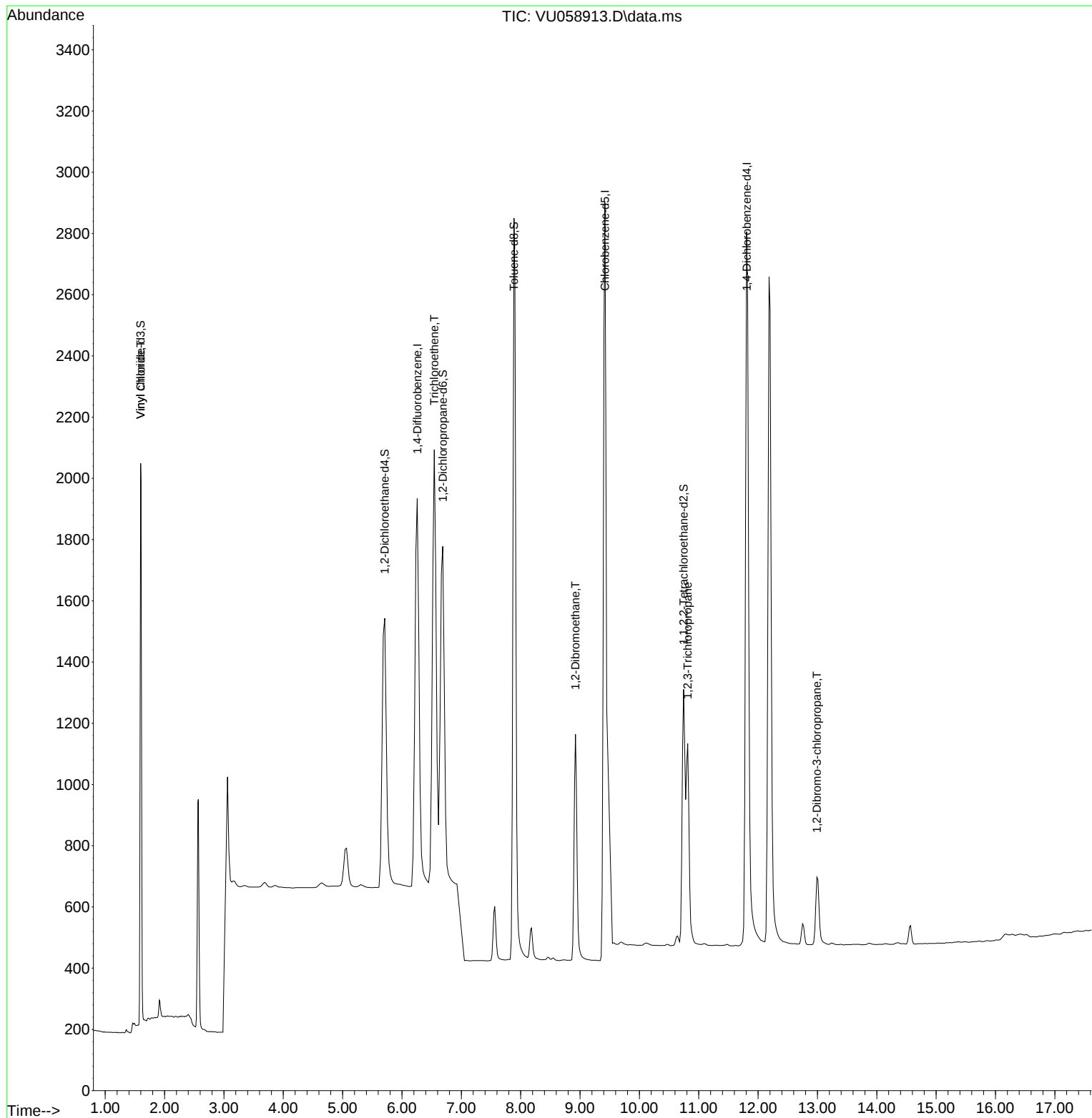
| Compound                      | R.T.   | QIon | Response | Conc  | Units | Dev(Min) |
|-------------------------------|--------|------|----------|-------|-------|----------|
| -----                         |        |      |          |       |       |          |
| Internal Standards            |        |      |          |       |       |          |
| 1) 1,4-Difluorobenzene        | 6.258  | 114  | 4342     | 0.500 | ug/L  | 0.00     |
| 5) Chlorobenzene-d5           | 9.419  | 117  | 6968     | 0.500 | ug/L  | 0.00     |
| 11) 1,4-Dichlorobenzene-d4    | 11.808 | 152  | 2669     | 0.500 | ug/L  | 0.00     |
| System Monitoring Compounds   |        |      |          |       |       |          |
| 2) Vinyl Chloride-d3          | 1.597  | 65   | 972      | 0.476 | ug/L  | 0.00     |
| 4) 1,2-Dichloroethane-d4      | 5.709  | 65   | 2236     | 0.600 | ug/L  | 0.00     |
| 7) 1,2-Dichloropropane-d6     | 6.687  | 67   | 1784     | 0.472 | ug/L  | 0.00     |
| 8) Toluene-d8                 | 7.887  | 98   | 4695     | 0.488 | ug/L  | 0.00     |
| 10) 1,1,2,2-Tetrachloroeth... | 10.745 | 84   | 1718     | 0.619 | ug/L  | 0.00     |
| Target Compounds              |        |      |          |       |       |          |
|                               |        |      |          |       |       | Qvalue   |
| 3) Vinyl chloride             | 1.597  | 62   | 1283     | 0.471 | ug/L  | 100      |
| 6) Trichloroethene            | 6.544  | 95   | 1737     | 0.413 | ug/L  | 100      |
| 9) 1,2-Dibromoethane          | 8.924  | 107  | 1249     | 0.599 | ug/L  | 100      |
| 12) 1,2,3-Trichloropropane    | 10.814 | 75   | 1327     | 0.530 | ug/L  | 99       |
| 13) 1,2-Dibromo-3-chloropr... | 12.990 | 75   | 296      | 0.585 | ug/L  | 100      |
| -----                         |        |      |          |       |       |          |

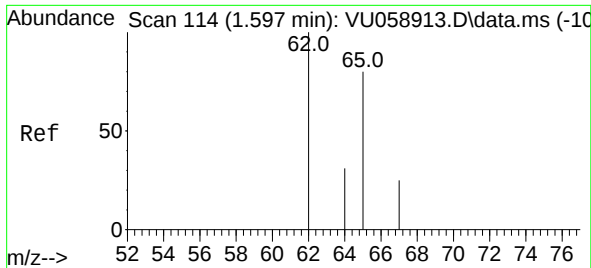
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SOM01.0  
QLast Update : Tue May 21 02:37:43 2024  
Response via : Initial Calibration

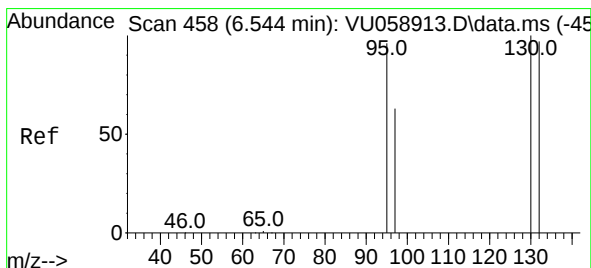
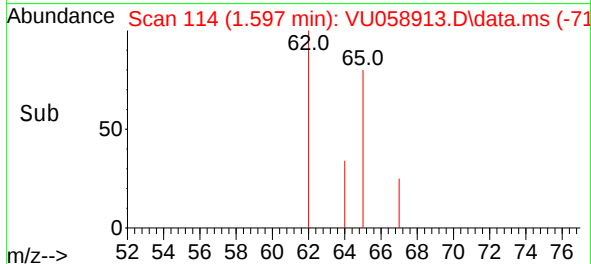
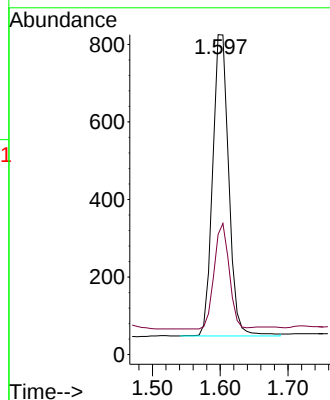
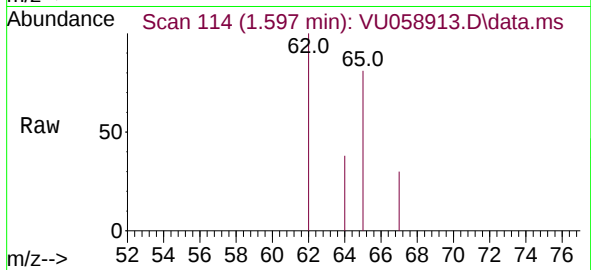




#3  
 Vinyl chloride  
 Concen: 0.471 ug/L  
 RT: 1.597 min Scan# 114  
 Delta R.T. 0.000 min  
 Lab File: VU058913.D  
 Acq: 20 May 2024 11:37

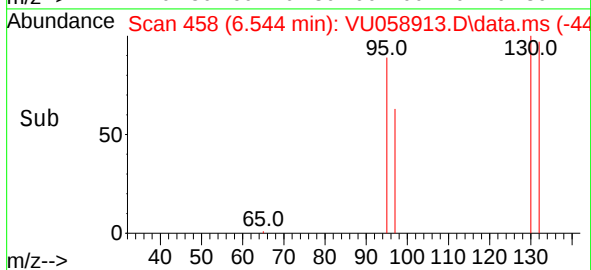
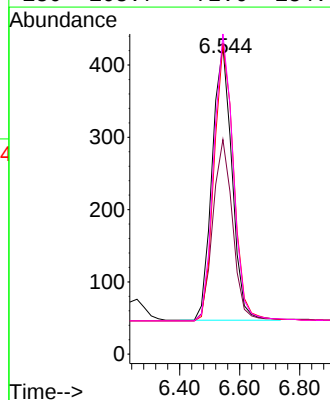
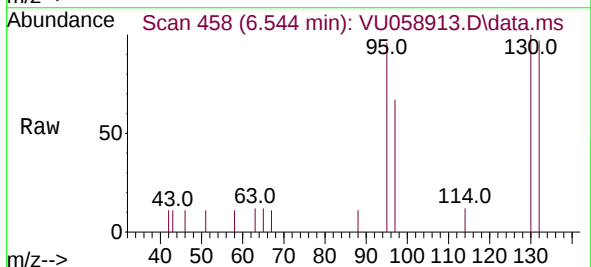
Instrument :  
 MSVOA\_U  
 ClientSampleId :

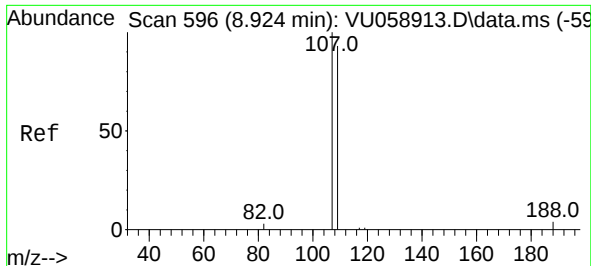
Tgt Ion: 62 Resp: 1283  
 Ion Ratio Lower Upper  
 62 100  
 64 37.6 26.3 48.9



#6  
 Trichloroethene  
 Concen: 0.413 ug/L  
 RT: 6.544 min Scan# 458  
 Delta R.T. 0.000 min  
 Lab File: VU058913.D  
 Acq: 20 May 2024 11:37

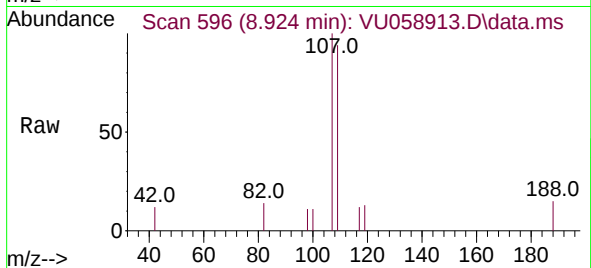
Tgt Ion: 95 Resp: 1737  
 Ion Ratio Lower Upper  
 95 100  
 97 69.6 48.7 90.5  
 132 100.7 70.5 130.9  
 130 103.7 72.6 134.8



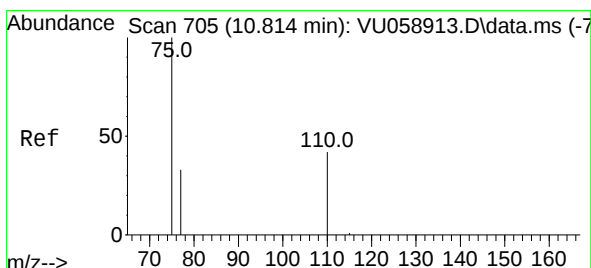
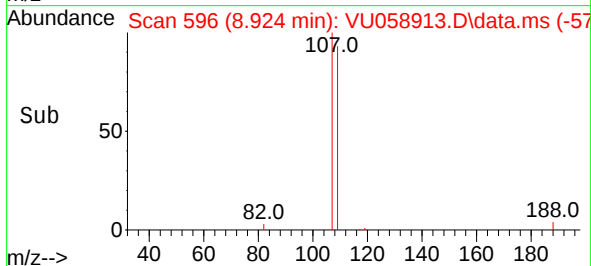
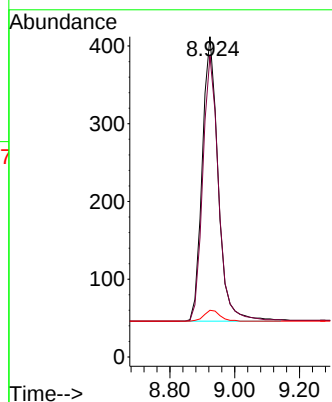


#9  
1,2-Dibromoethane  
Concen: 0.599 ug/L  
RT: 8.924 min Scan# 596  
Delta R.T. 0.000 min  
Lab File: VU058913.D  
Acq: 20 May 2024 11:37

Instrument :  
MSVOA\_U  
ClientSampleId :

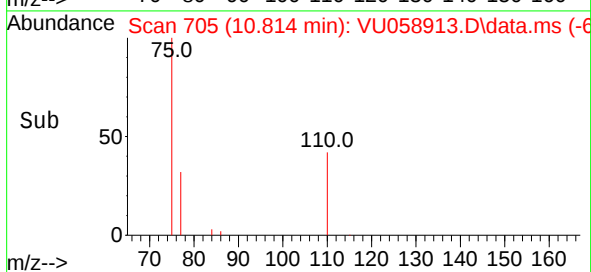
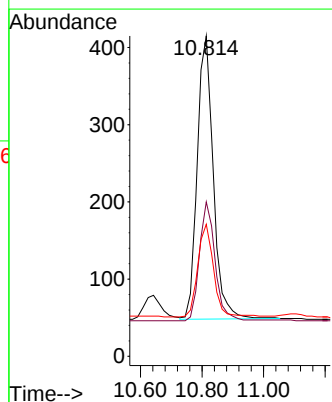
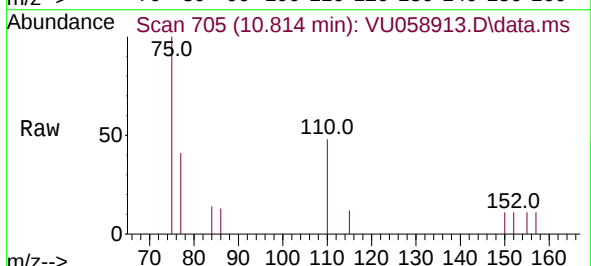


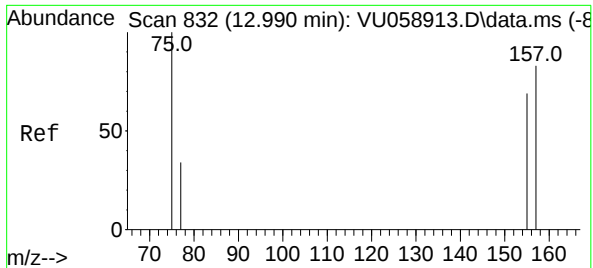
Tgt Ion:107 Resp: 1249  
Ion Ratio Lower Upper  
107 100  
109 93.9 65.7 122.1  
188 14.6 11.7 17.5



#12  
1,2,3-Trichloropropane  
Concen: 0.530 ug/L  
RT: 10.814 min Scan# 705  
Delta R.T. 0.000 min  
Lab File: VU058913.D  
Acq: 20 May 2024 11:37

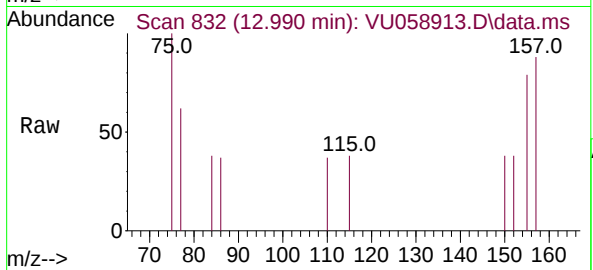
Tgt Ion: 75 Resp: 1327  
Ion Ratio Lower Upper  
75 100  
110 40.8 33.1 49.7  
77 32.3 26.2 39.2





#13  
1,2-Dibromo-3-chloropropane  
Concen: 0.585 ug/L  
RT: 12.990 min Scan# 832  
Delta R.T. 0.000 min  
Lab File: VU058913.D  
Acq: 20 May 2024 11:37

Instrument :  
MSVOA\_U  
ClientSampleId :



|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 75    | Resp: | 296   |
| Ion      | Ratio | Lower | Upper |
| 75       | 100   |       |       |
| 157      | 88.0  | 70.4  | 105.6 |
| 155      | 79.2  | 63.4  | 95.0  |

