

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU012325\  
 Data File : VU062967.D  
 Acq On : 23 Jan 2025 13:25  
 Operator : MD/SY  
 Sample : VSTD001  
 Misc : 25mL/MSVOA\_U/WATER  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :

Quant Time: Jan 24 00:11:34 2025  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\SFAMUSIM012325.M  
 Quant Title : TRACE VOA SOM01.0  
 QLast Update : Fri Jan 24 00:10:41 2025  
 Response via : Initial Calibration

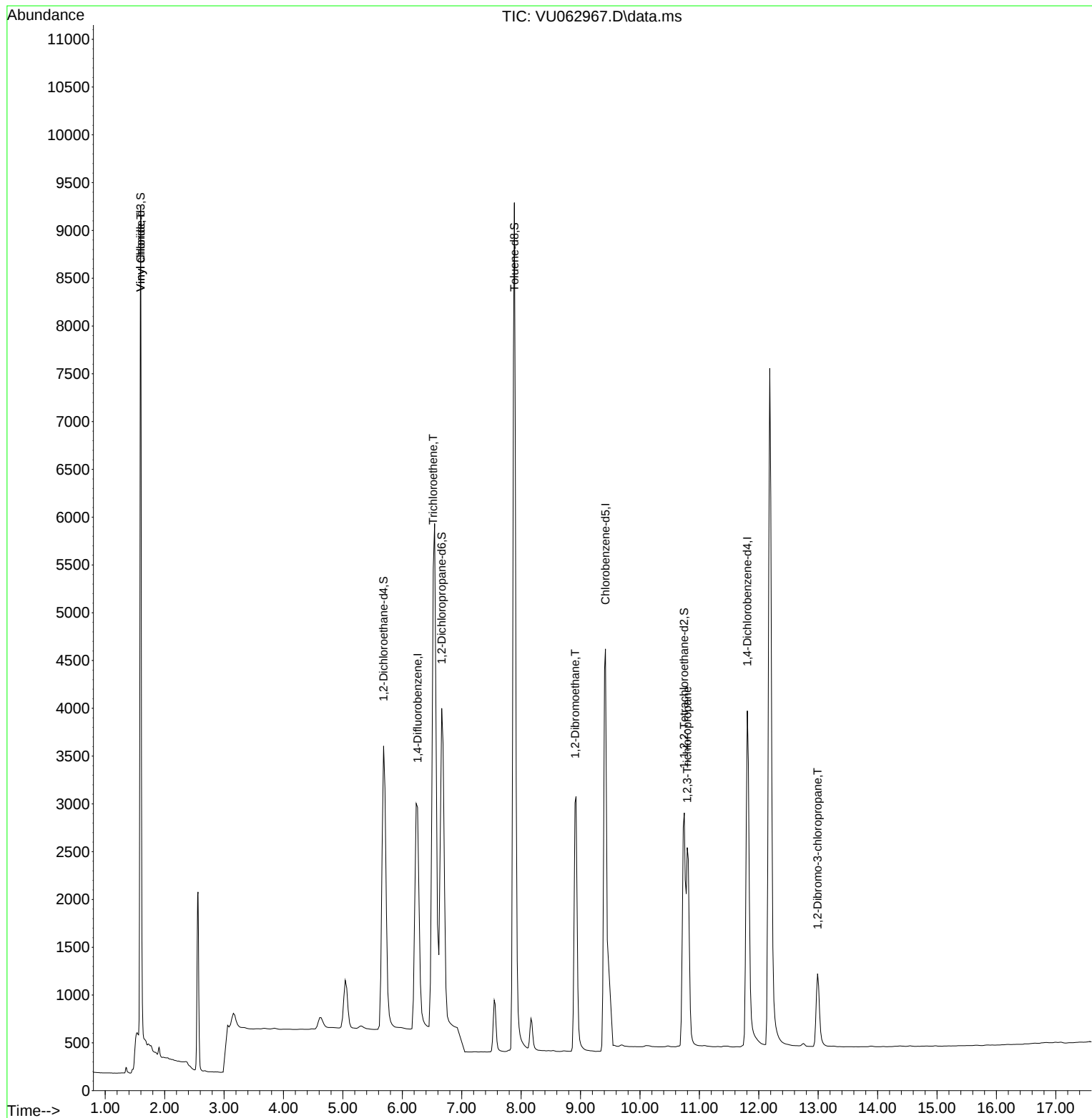
| Compound                      | R.T.   | QIon | Response | Conc  | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|-------|--------|----------|
| -----                         |        |      |          |       |        |          |
| Internal Standards            |        |      |          |       |        |          |
| 1) 1,4-Difluorobenzene        | 6.258  | 114  | 8670     | 0.500 | ug/L   | 0.00     |
| 5) Chlorobenzene-d5           | 9.418  | 117  | 11906    | 0.500 | ug/L   | 0.00     |
| 11) 1,4-Dichlorobenzene-d4    | 11.808 | 152  | 4125     | 0.500 | ug/L   | 0.00     |
| System Monitoring Compounds   |        |      |          |       |        |          |
| 2) Vinyl Chloride-d3          | 1.597  | 65   | 4630     | 0.800 | ug/L   | 0.00     |
| 4) 1,2-Dichloroethane-d4      | 5.685  | 65   | 7254     | 1.101 | ug/L   | 0.00     |
| 7) 1,2-Dichloropropane-d6     | 6.663  | 67   | 5296     | 0.769 | ug/L   | -0.02    |
| 8) Toluene-d8                 | 7.887  | 98   | 16973    | 0.957 | ug/L   | 0.00     |
| 10) 1,1,2,2-Tetrachloroeth... | 10.745 | 84   | 5235     | 0.889 | ug/L   | 0.00     |
| Target Compounds              |        |      |          |       |        |          |
|                               |        |      |          |       |        | Qvalue   |
| 3) Vinyl chloride             | 1.597  | 62   | 5905     | 0.790 | ug/L   | 76       |
| 6) Trichloroethene            | 6.520  | 95   | 6946     | 0.937 | ug/L   | 87       |
| 9) 1,2-Dibromoethane          | 8.908  | 107  | 4696     | 1.054 | ug/L # | 94       |
| 12) 1,2,3-Trichloropropane    | 10.797 | 75   | 4071     | 0.921 | ug/L   | 98       |
| 13) 1,2-Dibromo-3-chloropr... | 12.990 | 75   | 942      | 1.100 | ug/L   | 91       |
| -----                         |        |      |          |       |        |          |

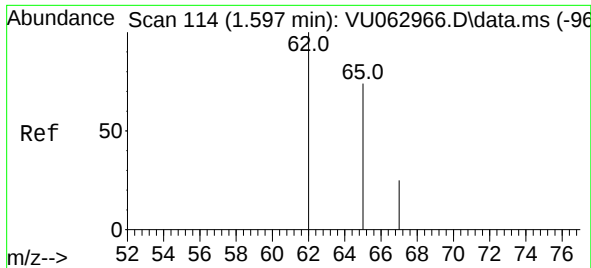
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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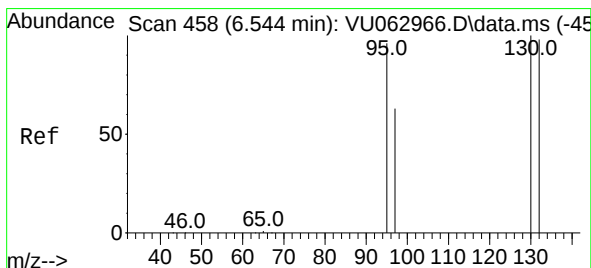
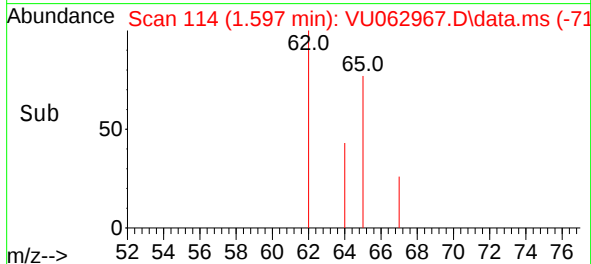
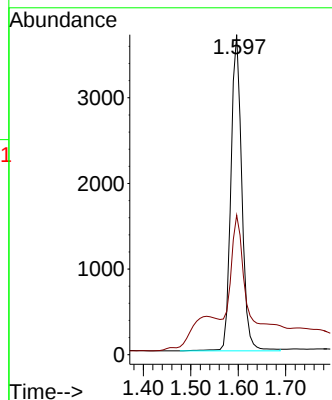
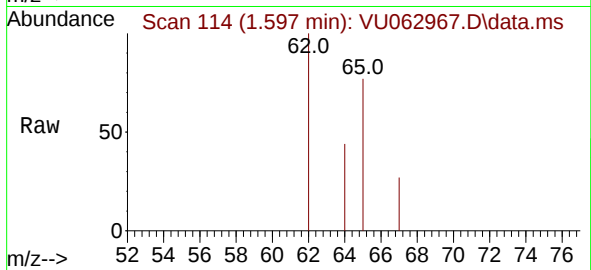




#3  
 Vinyl chloride  
 Concen: 0.790 ug/L  
 RT: 1.597 min Scan# 114  
 Delta R.T. -0.000 min  
 Lab File: VU062967.D  
 Acq: 23 Jan 2025 13:25

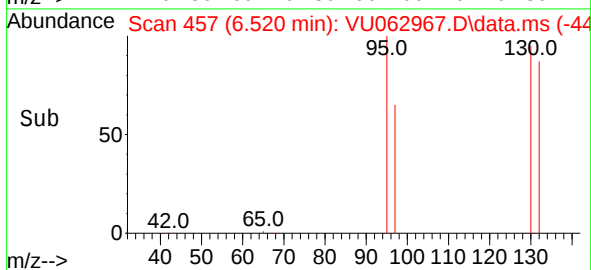
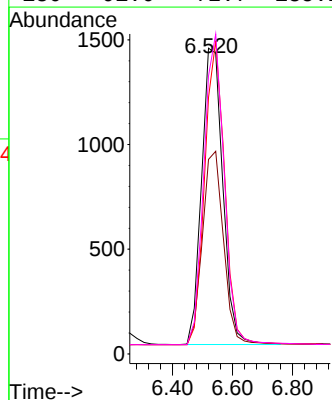
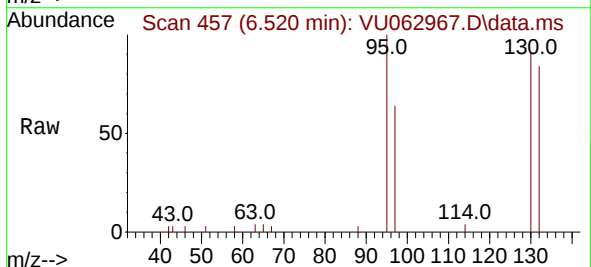
Instrument :  
 MSVOA\_U  
 ClientSampleId :

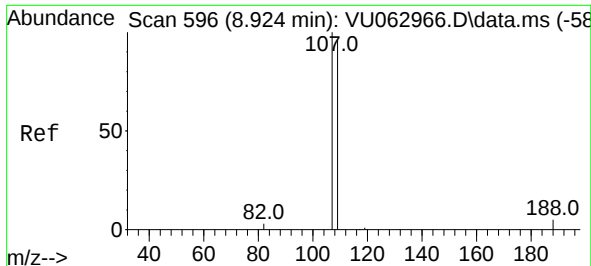
Tgt Ion: 62 Resp: 5905  
 Ion Ratio Lower Upper  
 62 100  
 64 43.6 43.2 80.2



#6  
 Trichloroethene  
 Concen: 0.937 ug/L  
 RT: 6.520 min Scan# 457  
 Delta R.T. -0.024 min  
 Lab File: VU062967.D  
 Acq: 23 Jan 2025 13:25

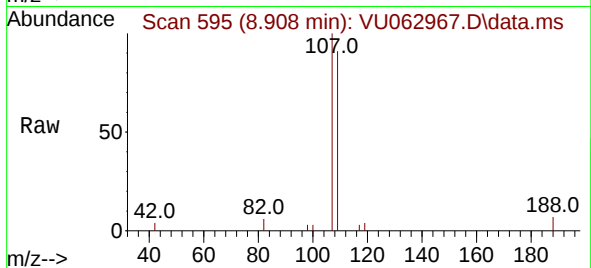
Tgt Ion: 95 Resp: 6946  
 Ion Ratio Lower Upper  
 95 100  
 97 63.6 47.0 87.4  
 132 83.9 71.5 132.9  
 130 91.0 72.7 135.1



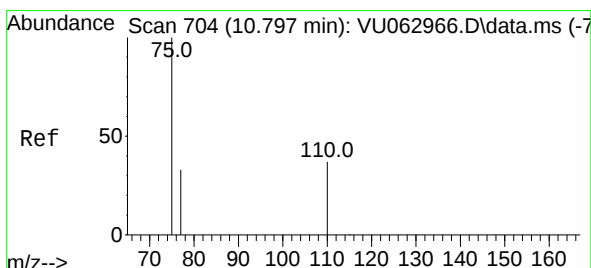
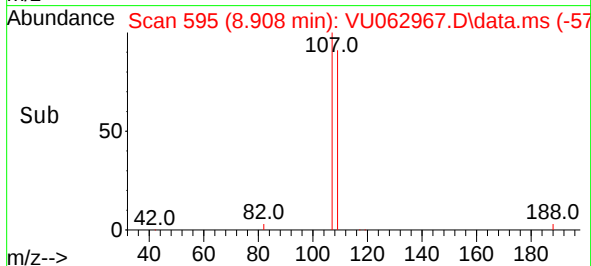
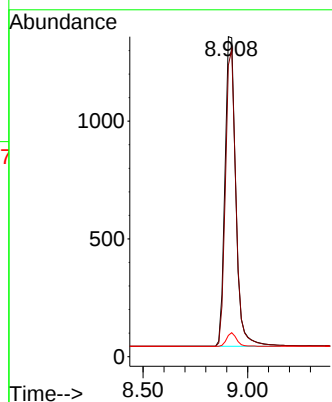


#9  
1,2-Dibromoethane  
Concen: 1.054 ug/L  
RT: 8.908 min Scan# 596  
Delta R.T. -0.016 min  
Lab File: VU062967.D  
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Instrument :  
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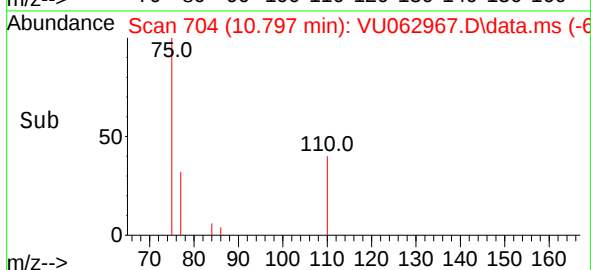
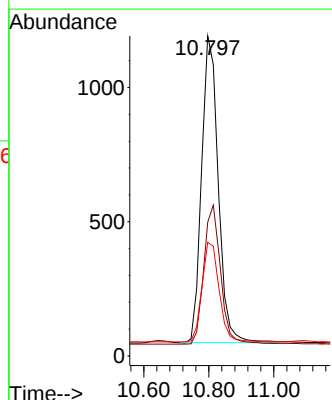
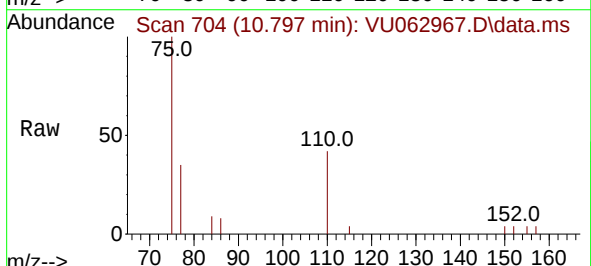


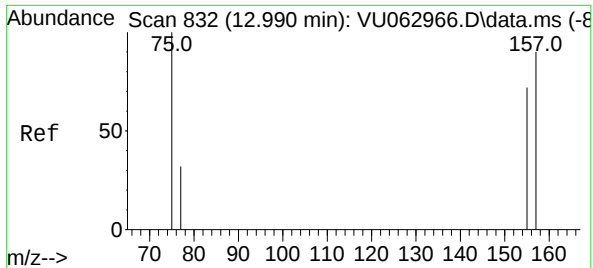
Tgt Ion:107 Resp: 4696  
Ion Ratio Lower Upper  
107 100  
109 91.1 67.1 124.7  
188 6.6 9.6 14.4#



#12  
1,2,3-Trichloropropane  
Concen: 0.921 ug/L  
RT: 10.797 min Scan# 704  
Delta R.T. -0.000 min  
Lab File: VU062967.D  
Acq: 23 Jan 2025 13:25

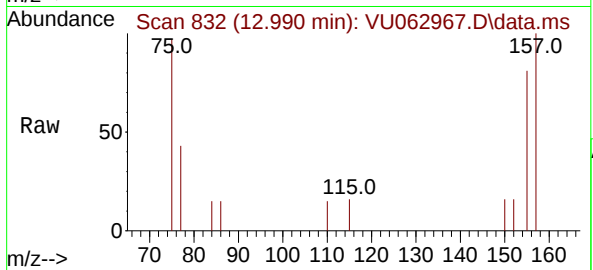
Tgt Ion: 75 Resp: 4071  
Ion Ratio Lower Upper  
75 100  
110 45.3 34.3 51.5  
77 33.3 27.0 40.6





#13  
 1,2-Dibromo-3-chloropropane  
 Concen: 1.100 ug/L  
 RT: 12.990 min Scan# 832  
 Delta R.T. -0.000 min  
 Lab File: VU062967.D  
 Acq: 23 Jan 2025 13:25

Instrument :  
 MSVOA\_U  
 ClientSampleId :



Tgt Ion: 75 Resp: 942

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 75  | 100   |       |       |
| 157 | 103.5 | 73.2  | 109.8 |
| 155 | 83.6  | 63.3  | 94.9  |

