

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU030524\  
 Data File : VU057990.D  
 Acq On : 05 Mar 2024 15:34  
 Operator : MD/SY  
 Sample : VSTDCCC0.5EC  
 Misc : 25.0mL/MSVOA\_U/WATER  
 ALS Vial : 11 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :

Quant Time: Mar 06 01:48:40 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\SFAMUSIM030524.M  
 Quant Title : TRACE VOA SOM01.0  
 QLast Update : Wed Mar 06 01:33:52 2024  
 Response via : Initial Calibration

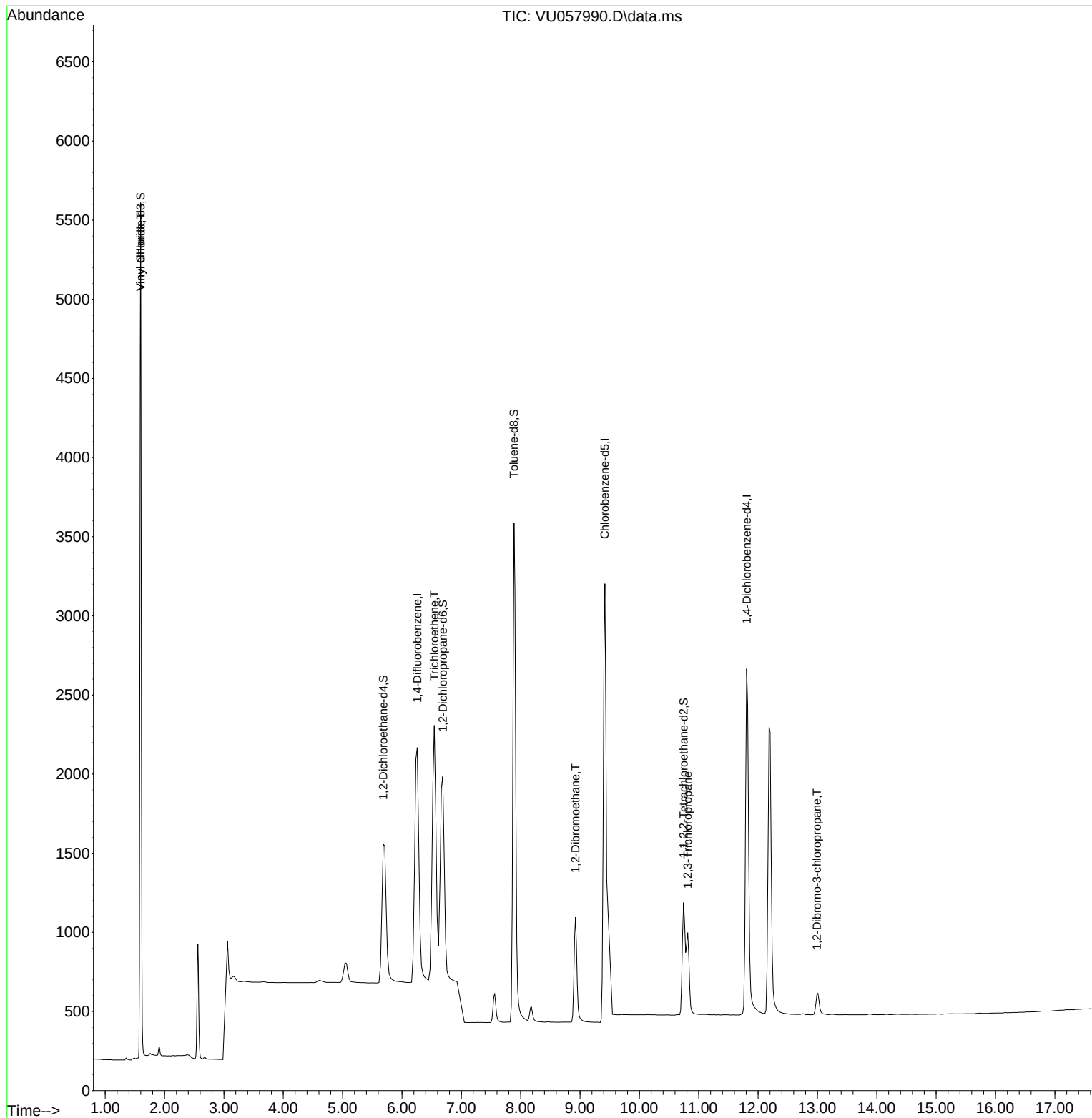
| Compound                      | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|--------|-------|----------|----------|--------|----------|
| -----                         |        |       |          |          |        |          |
| Internal Standards            |        |       |          |          |        |          |
| 1) 1,4-Difluorobenzene        | 6.258  | 114   | 5148     | 0.500    | ug/L   | 0.00     |
| 5) Chlorobenzene-d5           | 9.418  | 117   | 7598     | 0.500    | ug/L   | 0.00     |
| 11) 1,4-Dichlorobenzene-d4    | 11.808 | 152   | 2396     | 0.500    | ug/L   | 0.00     |
| System Monitoring Compounds   |        |       |          |          |        |          |
| 2) Vinyl Chloride-d3          | 1.597  | 65    | 3197     | 0.532    | ug/L   | 0.00     |
| Spiked Amount                 | 0.500  | Range | 40 - 130 | Recovery | =      | 106.000% |
| 4) 1,2-Dichloroethane-d4      | 5.685  | 65    | 1913     | 0.537    | ug/L   | 0.00     |
| Spiked Amount                 | 0.500  | Range | 70 - 130 | Recovery | =      | 108.000% |
| 7) 1,2-Dichloropropane-d6     | 6.687  | 67    | 2336     | 0.563    | ug/L   | 0.00     |
| Spiked Amount                 | 0.500  | Range | 60 - 140 | Recovery | =      | 112.000% |
| 8) Toluene-d8                 | 7.887  | 98    | 5986     | 0.527    | ug/L   | 0.00     |
| Spiked Amount                 | 0.500  | Range | 70 - 130 | Recovery | =      | 106.000% |
| 10) 1,1,2,2-Tetrachloroeth... | 10.745 | 84    | 1458     | 0.558    | ug/L   | 0.00     |
| Spiked Amount                 | 0.500  | Range | 65 - 120 | Recovery | =      | 112.000% |
| Target Compounds              |        |       |          |          |        |          |
|                               |        |       |          |          | Qvalue |          |
| 3) Vinyl chloride             | 1.597  | 62    | 3138     | 0.535    | ug/L   | 100      |
| 6) Trichloroethene            | 6.544  | 95    | 2082     | 0.525    | ug/L   | 99       |
| 9) 1,2-Dibromoethane          | 8.924  | 107   | 1131     | 0.557    | ug/L   | 99       |
| 12) 1,2,3-Trichloropropane    | 10.814 | 75    | 1050     | 0.547    | ug/L   | 99       |
| 13) 1,2-Dibromo-3-chloropr... | 12.990 | 75    | 190      | 0.484    | ug/L   | 98       |
| -----                         |        |       |          |          |        |          |

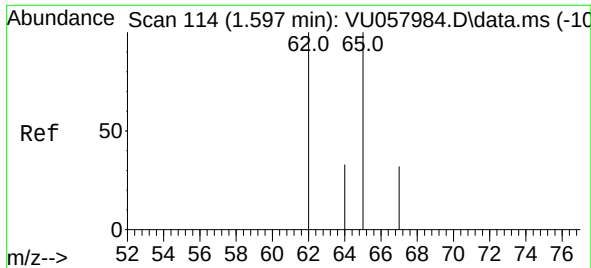
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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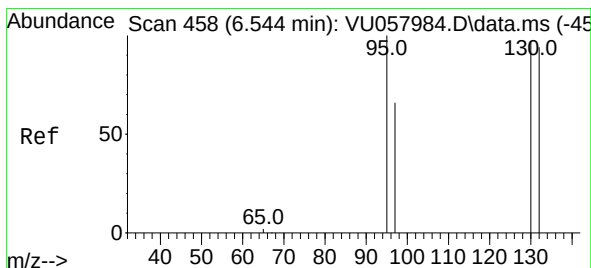
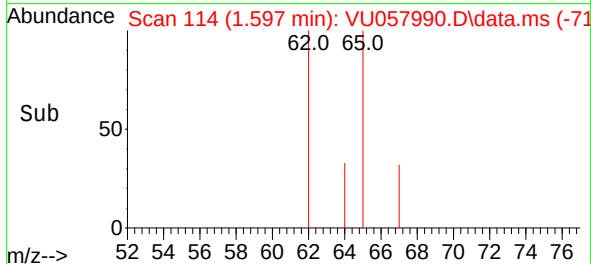
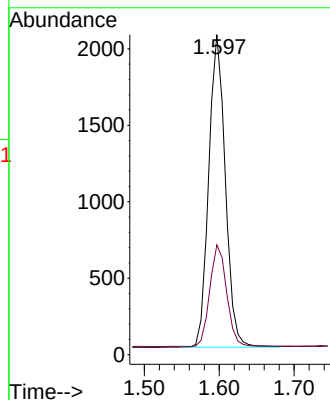
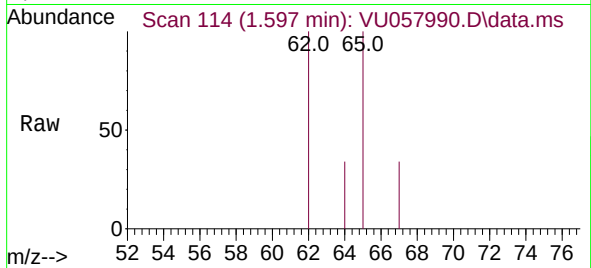




#3  
 Vinyl chloride  
 Concen: 0.535 ug/L  
 RT: 1.597 min Scan# 114  
 Delta R.T. -0.000 min  
 Lab File: VU057990.D  
 Acq: 05 Mar 2024 15:34

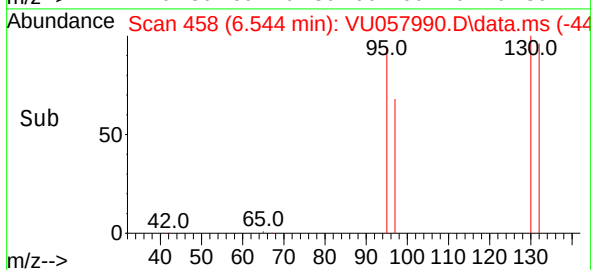
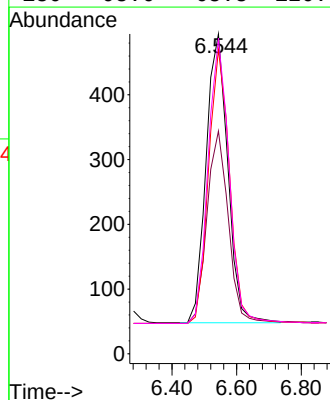
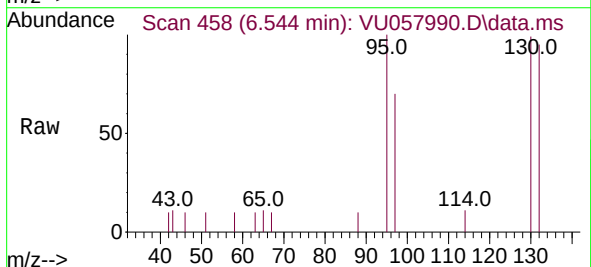
Instrument :  
 MSVOA\_U  
 ClientSampleId :

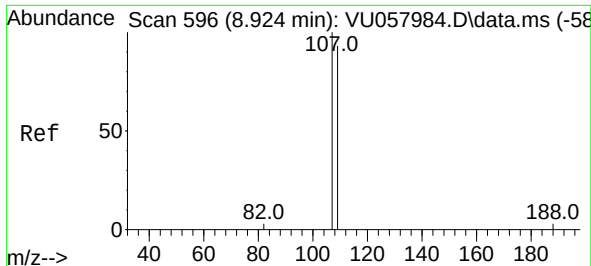
Tgt Ion: 62 Resp: 3138  
 Ion Ratio Lower Upper  
 62 100  
 64 34.3 24.1 44.8



#6  
 Trichloroethene  
 Concen: 0.525 ug/L  
 RT: 6.544 min Scan# 458  
 Delta R.T. -0.000 min  
 Lab File: VU057990.D  
 Acq: 05 Mar 2024 15:34

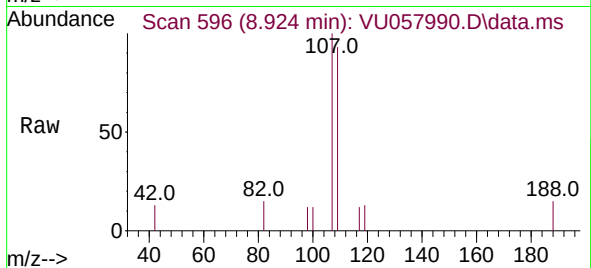
Tgt Ion: 95 Resp: 2082  
 Ion Ratio Lower Upper  
 95 100  
 97 69.6 48.5 90.1  
 132 95.1 66.3 123.1  
 130 98.6 68.3 126.8



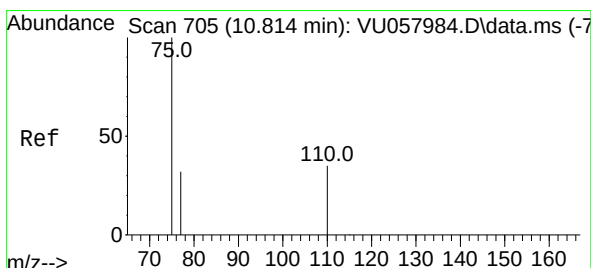
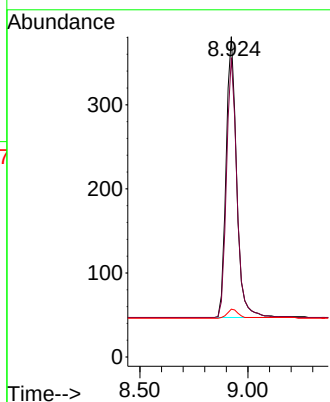
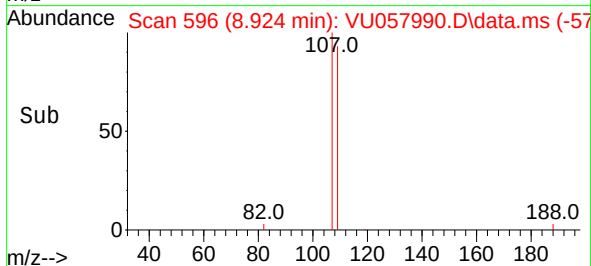


#9  
1,2-Dibromoethane  
Concen: 0.557 ug/L  
RT: 8.924 min Scan# 596  
Delta R.T. -0.000 min  
Lab File: VU057990.D  
Acq: 05 Mar 2024 15:34

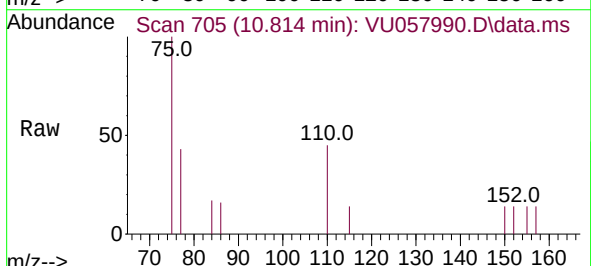
Instrument :  
MSVOA\_U  
ClientSampleId :



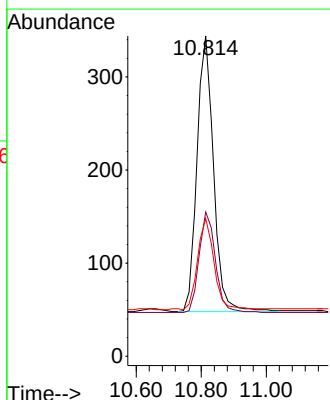
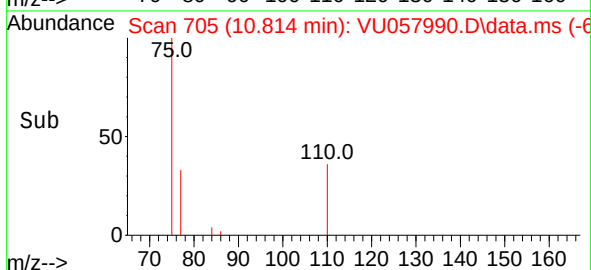
Tgt Ion:107 Resp: 1131  
Ion Ratio Lower Upper  
107 100  
109 93.4 65.9 122.3  
188 15.0 11.6 17.4

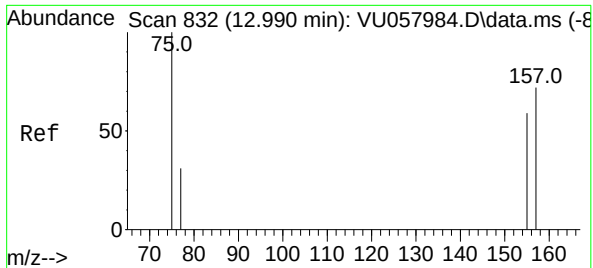


#12  
1,2,3-Trichloropropane  
Concen: 0.547 ug/L  
RT: 10.814 min Scan# 705  
Delta R.T. -0.000 min  
Lab File: VU057990.D  
Acq: 05 Mar 2024 15:34



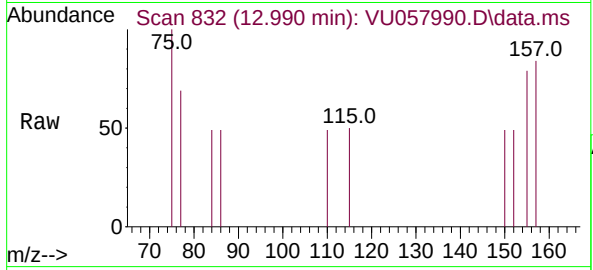
Tgt Ion: 75 Resp: 1050  
Ion Ratio Lower Upper  
75 100  
110 35.8 27.9 41.9  
77 33.0 25.8 38.8





#13  
 1,2-Dibromo-3-chloropropane  
 Concen: 0.484 ug/L  
 RT: 12.990 min Scan# 84  
 Delta R.T. 0.000 min  
 Lab File: VU057990.D  
 Acq: 05 Mar 2024 15:34

Instrument :  
 MSVOA\_U  
 ClientSampleId :



|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 75    | Resp: | 190   |
| Ion      | Ratio | Lower | Upper |
| 75       | 100   |       |       |
| 157      | 84.4  | 66.6  | 100.0 |
| 155      | 79.2  | 62.0  | 93.0  |

