

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU100523\  
 Data File : VU055668.D  
 Acq On : 05 Oct 2023 12:07  
 Operator : MD/SY  
 Sample : VSTD00252  
 Misc : 25.0mL/MSVOA\_U/WATER  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :

Quant Time: Oct 06 06:47:27 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\SFAMUSIM100523.M  
 Quant Title : TRACE VOA SOM01.0  
 QLast Update : Fri Oct 06 06:46:32 2023  
 Response via : Initial Calibration

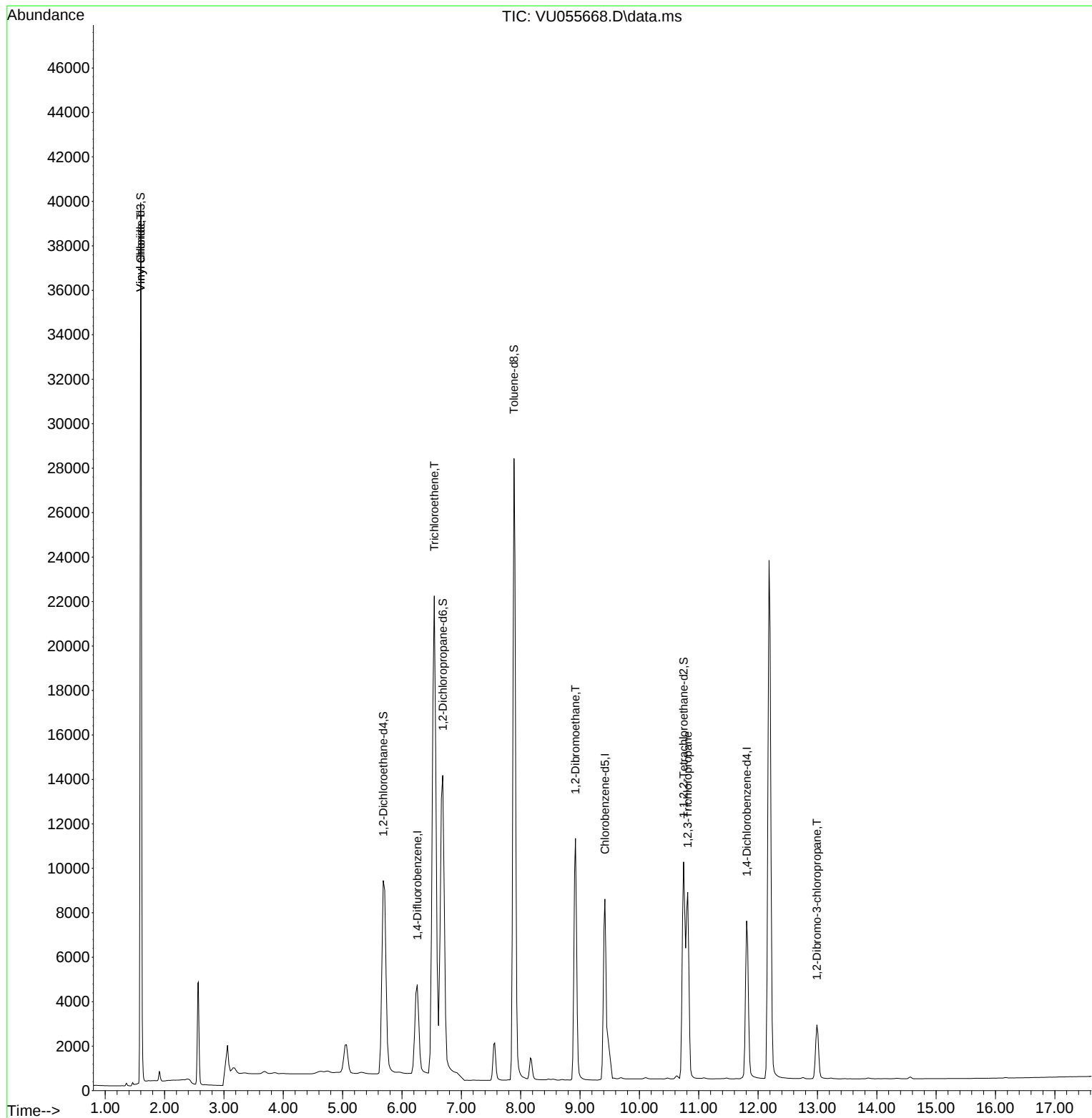
| Compound                      | R.T.   | QIon | Response | Conc  | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|-------|--------|----------|
| -----                         |        |      |          |       |        |          |
| Internal Standards            |        |      |          |       |        |          |
| 1) 1,4-Difluorobenzene        | 6.258  | 114  | 13606    | 0.500 | ug/L   | 0.00     |
| 5) Chlorobenzene-d5           | 9.419  | 117  | 21350    | 0.500 | ug/L   | 0.00     |
| 11) 1,4-Dichlorobenzene-d4    | 11.808 | 152  | 7327     | 0.500 | ug/L   | 0.00     |
| System Monitoring Compounds   |        |      |          |       |        |          |
| 2) Vinyl Chloride-d3          | 1.597  | 65   | 16067    | 1.953 | ug/L   | 0.00     |
| 4) 1,2-Dichloroethane-d4      | 5.685  | 65   | 18750    | 1.836 | ug/L   | 0.00     |
| 7) 1,2-Dichloropropane-d6     | 6.687  | 67   | 23749    | 1.891 | ug/L   | 0.00     |
| 8) Toluene-d8                 | 7.887  | 98   | 51117    | 1.803 | ug/L   | 0.00     |
| 10) 1,1,2,2-Tetrachloroeth... | 10.745 | 84   | 19220    | 1.921 | ug/L   | 0.00     |
| Target Compounds              |        |      |          |       |        |          |
|                               |        |      |          |       |        | Qvalue   |
| 3) Vinyl chloride             | 1.597  | 62   | 32998    | 1.706 | ug/L   | 97       |
| 6) Trichloroethene            | 6.544  | 95   | 26540    | 1.781 | ug/L   | 100      |
| 9) 1,2-Dibromoethane          | 8.924  | 107  | 17492    | 1.909 | ug/L # | 98       |
| 12) 1,2,3-Trichloropropane    | 10.814 | 75   | 16400    | 1.961 | ug/L   | 98       |
| 13) 1,2-Dibromo-3-chloropr... | 12.990 | 75   | 2788     | 1.911 | ug/L   | 84       |
| -----                         |        |      |          |       |        |          |

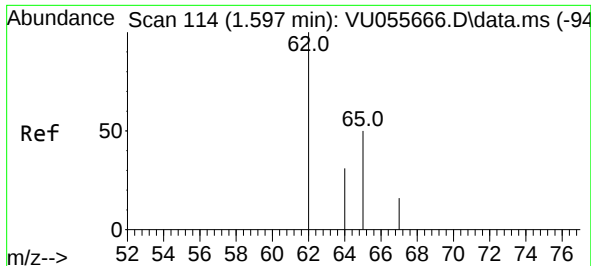
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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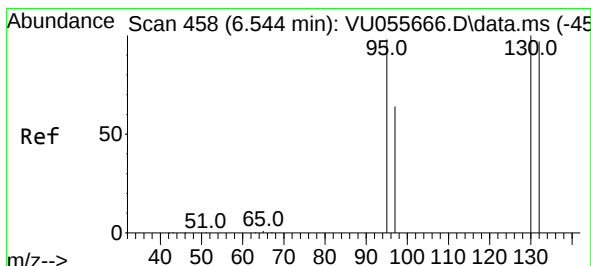
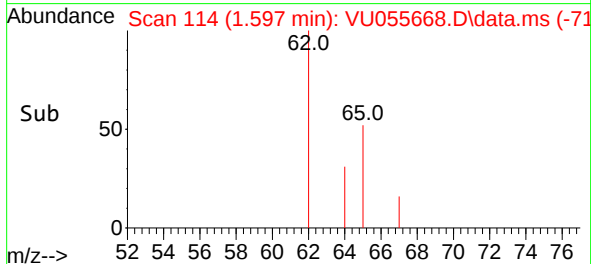
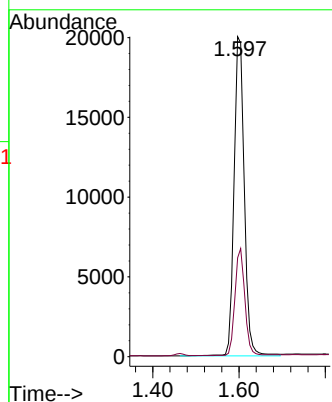
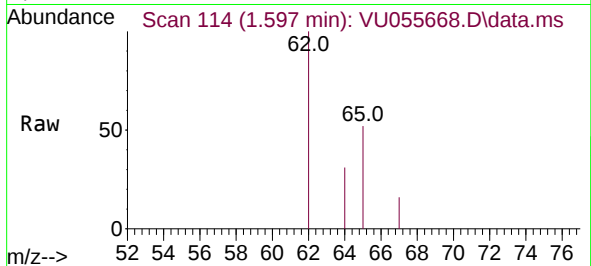




#3  
 Vinyl chloride  
 Concen: 1.706 ug/L  
 RT: 1.597 min Scan# 114  
 Delta R.T. -0.000 min  
 Lab File: VU055668.D  
 Acq: 05 Oct 2023 12:07

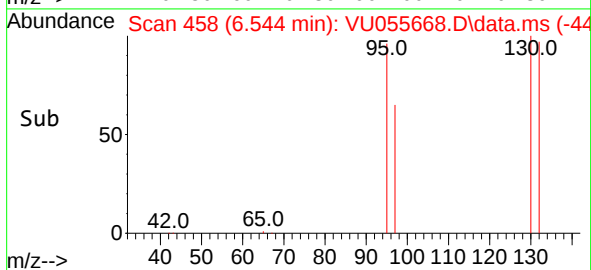
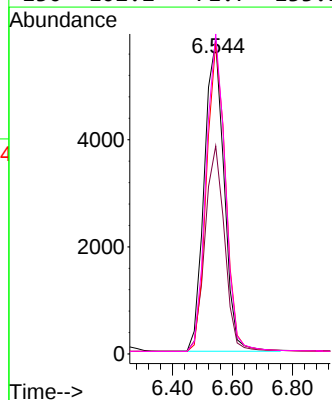
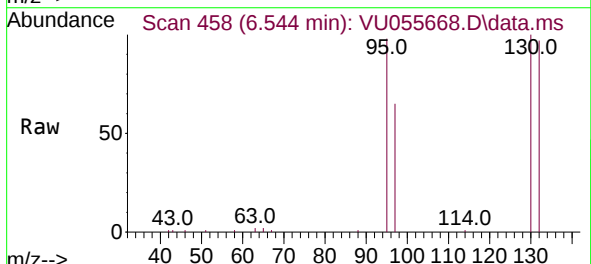
Instrument :  
 MSVOA\_U  
 ClientSampleId :

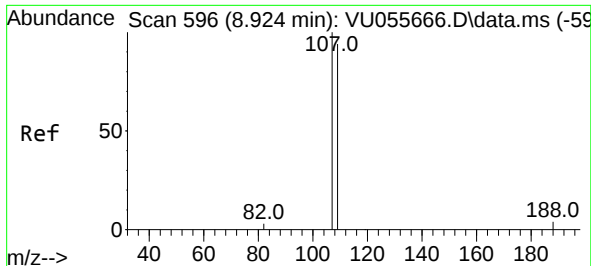
Tgt Ion: 62 Resp: 32998  
 Ion Ratio Lower Upper  
 62 100  
 64 30.9 22.9 42.5



#6  
 Trichloroethene  
 Concen: 1.781 ug/L  
 RT: 6.544 min Scan# 458  
 Delta R.T. -0.000 min  
 Lab File: VU055668.D  
 Acq: 05 Oct 2023 12:07

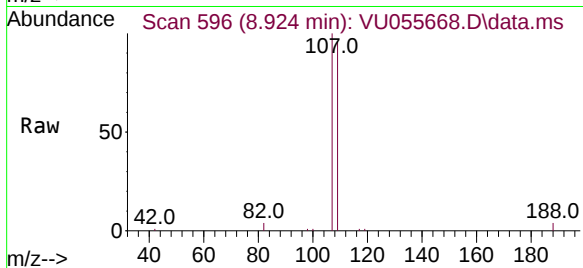
Tgt Ion: 95 Resp: 26540  
 Ion Ratio Lower Upper  
 95 100  
 97 66.4 46.7 86.7  
 132 99.4 69.6 129.2  
 130 102.2 71.7 133.1



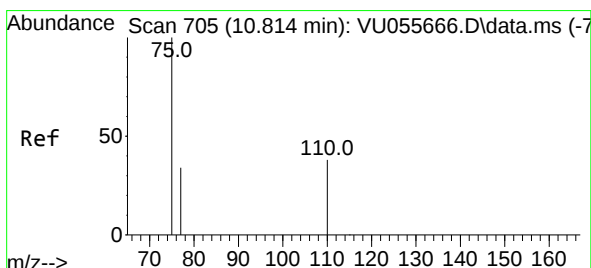
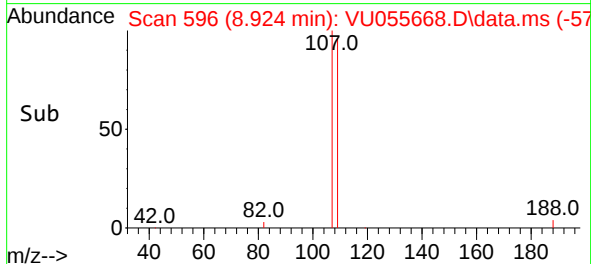
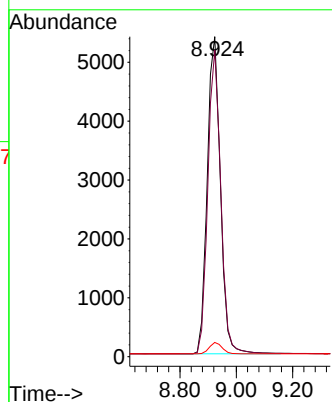


#9  
1,2-Dibromoethane  
Concen: 1.909 ug/L  
RT: 8.924 min Scan# 596  
Delta R.T. -0.000 min  
Lab File: VU055668.D  
Acq: 05 Oct 2023 12:07

Instrument :  
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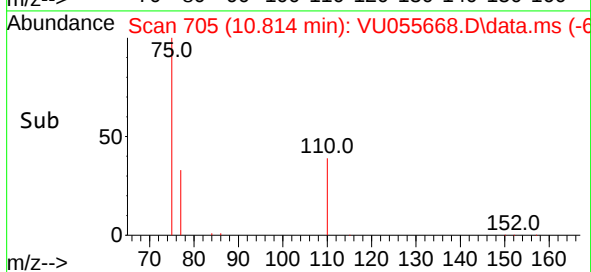
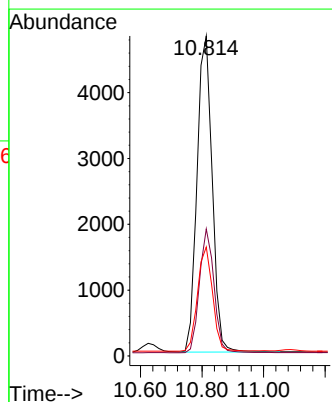
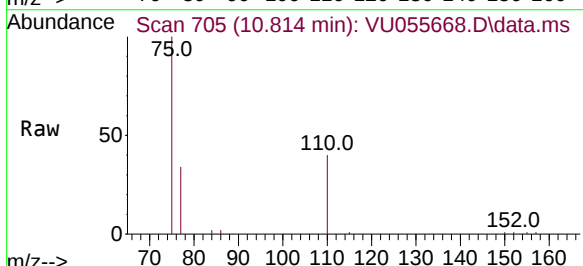


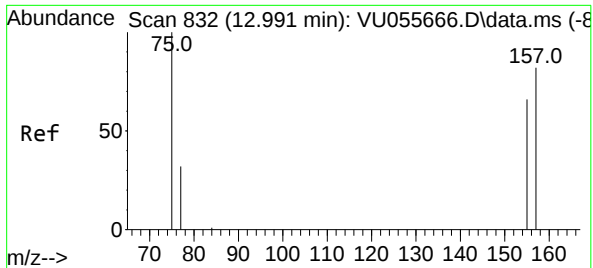
Tgt Ion:107 Resp: 17492  
Ion Ratio Lower Upper  
107 100  
109 95.8 66.2 123.0  
188 4.4 5.6 8.4#



#12  
1,2,3-Trichloropropane  
Concen: 1.961 ug/L  
RT: 10.814 min Scan# 705  
Delta R.T. -0.000 min  
Lab File: VU055668.D  
Acq: 05 Oct 2023 12:07

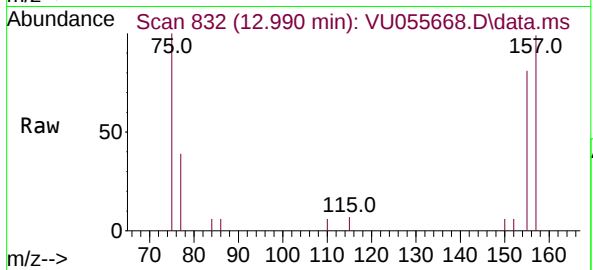
Tgt Ion: 75 Resp: 16400  
Ion Ratio Lower Upper  
75 100  
110 37.6 30.3 45.5  
77 32.6 27.4 41.0





#13  
 1,2-Dibromo-3-chloropropane  
 Concen: 1.911 ug/L  
 RT: 12.990 min Scan# 81  
 Delta R.T. -0.000 min  
 Lab File: VU055668.D  
 Acq: 05 Oct 2023 12:07

Instrument :  
 MSVOA\_U  
 ClientSampleId :



|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 75    | Resp: | 2788  |
| Ion      | Ratio | Lower | Upper |
| 75       | 100   |       |       |
| 157      | 99.3  | 66.6  | 99.8  |
| 155      | 81.2  | 56.5  | 84.7  |

