

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU031925\  
 Data File : VU063308.D  
 Acq On : 19 Mar 2025 13:15  
 Operator : MD/SY  
 Sample : VSTD00253  
 Misc : 25mL/MSVOA\_U/WATER  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 VSTD002053

Quant Time: Mar 25 09:55:44 2025  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\SFAMUSIM031925.M  
 Quant Title : TRACE VOA SOM01.0  
 QLast Update : Tue Mar 25 09:54:25 2025  
 Response via : Initial Calibration

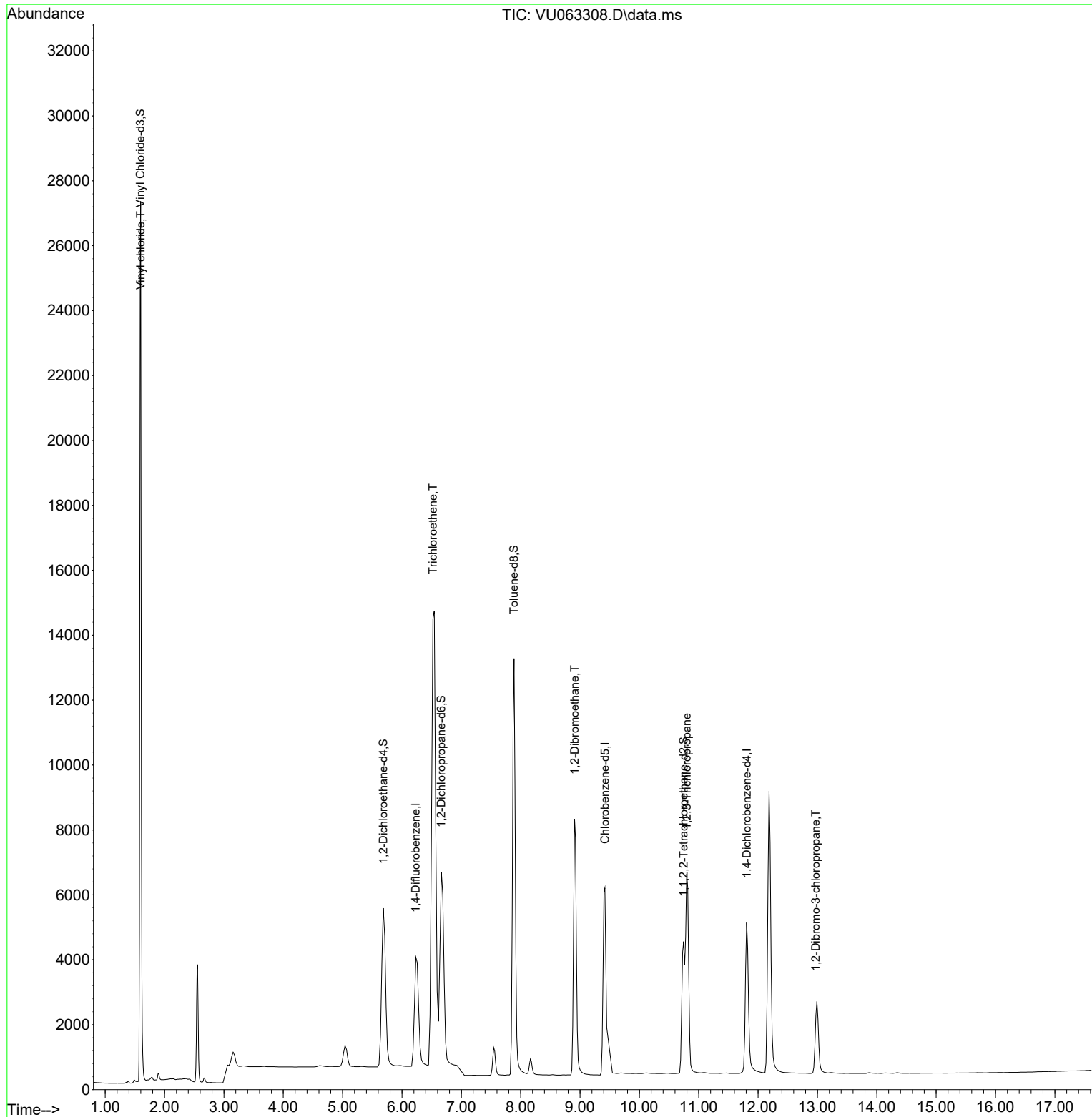
| Compound                      | R.T.   | QIon | Response | Conc | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|------|--------|----------|
| -----                         |        |      |          |      |        |          |
| Internal Standards            |        |      |          |      |        |          |
| 1) 1,4-Difluorobenzene        | 6.234  | 114  | 11734    | 0.50 | ug/L   | -0.02    |
| 5) Chlorobenzene-d5           | 9.418  | 117  | 15886    | 0.50 | ug/L   | 0.00     |
| 11) 1,4-Dichlorobenzene-d4    | 11.808 | 152  | 5132     | 0.50 | ug/L   | 0.00     |
| System Monitoring Compounds   |        |      |          |      |        |          |
| 2) Vinyl Chloride-d3          | 1.590  | 65   | 11635    | 1.55 | ug/L   | 0.00     |
| 4) 1,2-Dichloroethane-d4      | 5.685  | 65   | 10785    | 1.69 | ug/L   | 0.00     |
| 7) 1,2-Dichloropropane-d6     | 6.663  | 67   | 10090    | 1.96 | ug/L   | -0.02    |
| 8) Toluene-d8                 | 7.887  | 98   | 24107    | 1.74 | ug/L   | 0.00     |
| 10) 1,1,2,2-Tetrachloroeth... | 10.745 | 84   | 8475     | 1.92 | ug/L   | 0.00     |
| Target Compounds              |        |      |          |      |        |          |
|                               |        |      |          |      |        | Qvalue   |
| 3) Vinyl chloride             | 1.597  | 62   | 22191    | 1.62 | ug/L   | 100      |
| 6) Trichloroethene            | 6.520  | 95   | 20003    | 1.69 | ug/L   | 85       |
| 9) 1,2-Dibromoethane          | 8.908  | 107  | 13172    | 2.05 | ug/L # | 95       |
| 12) 1,2,3-Trichloropropane    | 10.797 | 75   | 12477    | 2.09 | ug/L   | 97       |
| 13) 1,2-Dibromo-3-chloropr... | 12.973 | 75   | 2849     | 2.01 | ug/L # | 77       |
| -----                         |        |      |          |      |        |          |

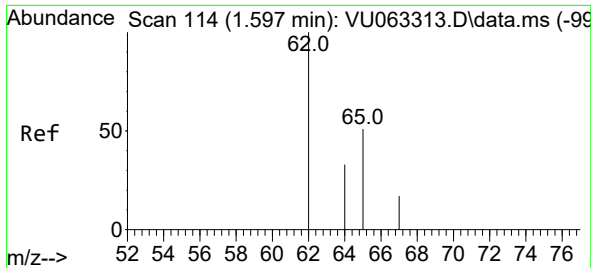
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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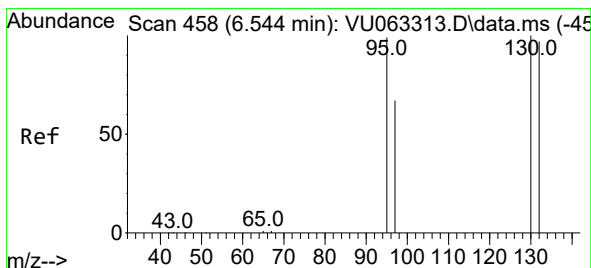
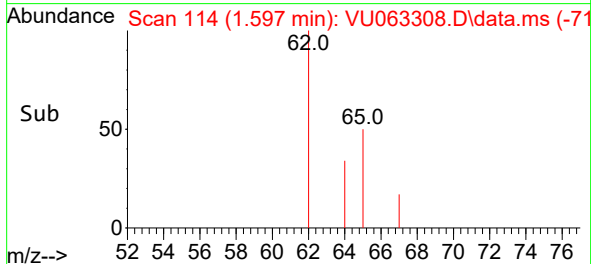
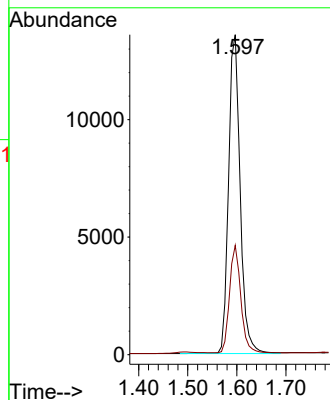
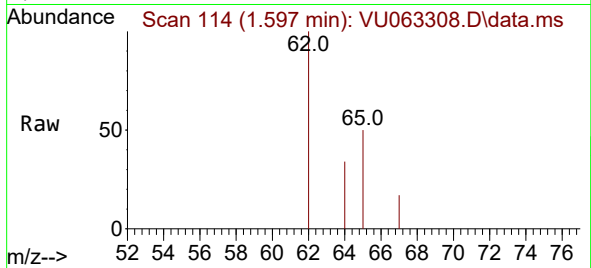




#3  
 Vinyl chloride  
 Concen: 1.62 ug/L  
 RT: 1.597 min Scan# 114  
 Delta R.T. -0.000 min  
 Lab File: VU063308.D  
 Acq: 19 Mar 2025 13:15

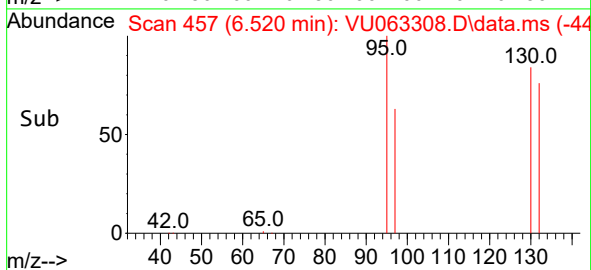
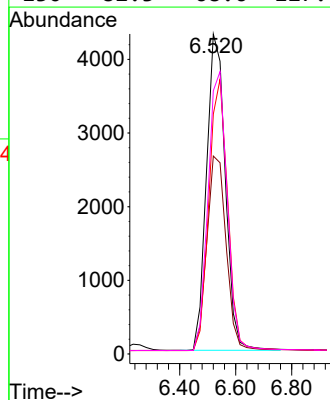
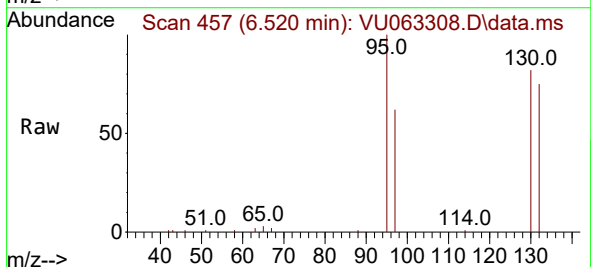
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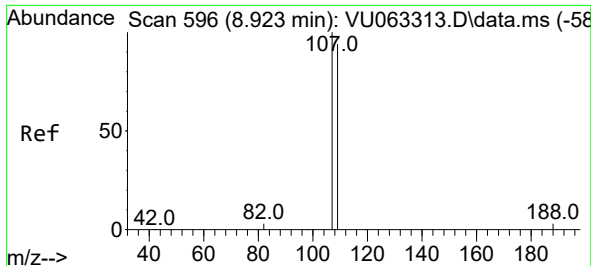
Tgt Ion: 62 Resp: 22191  
 Ion Ratio Lower Upper  
 62 100  
 64 34.2 24.0 44.6



#6  
 Trichloroethene  
 Concen: 1.69 ug/L  
 RT: 6.520 min Scan# 457  
 Delta R.T. -0.024 min  
 Lab File: VU063308.D  
 Acq: 19 Mar 2025 13:15

Tgt Ion: 95 Resp: 20003  
 Ion Ratio Lower Upper  
 95 100  
 97 61.8 46.6 86.6  
 132 74.9 66.7 123.9  
 130 82.3 68.6 127.4

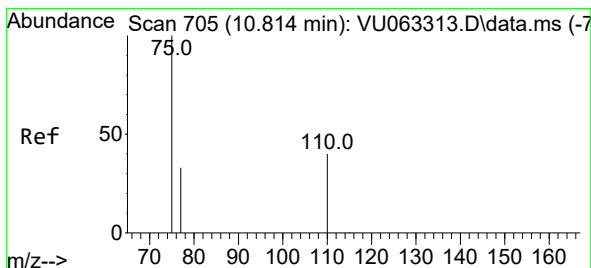
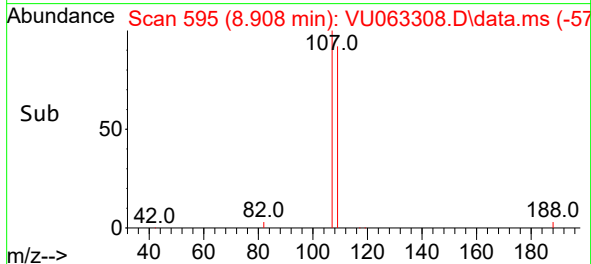
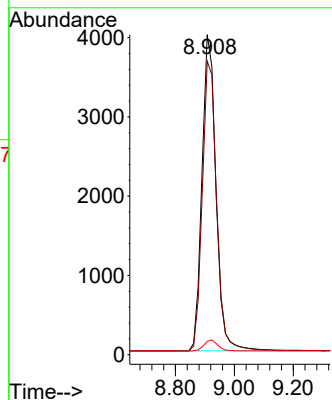
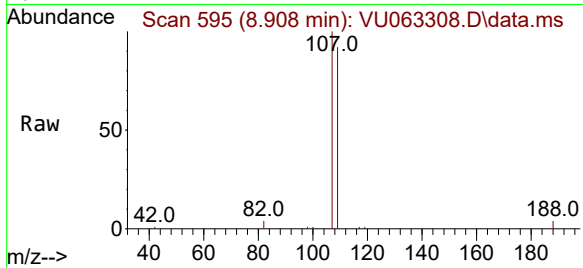




#9  
1,2-Dibromoethane  
Concen: 2.05 ug/L  
RT: 8.908 min Scan# 596  
Delta R.T. -0.016 min  
Lab File: VU063308.D  
Acq: 19 Mar 2025 13:15

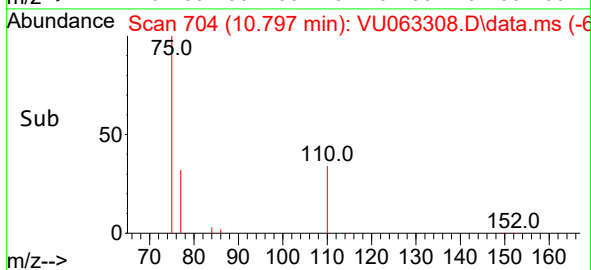
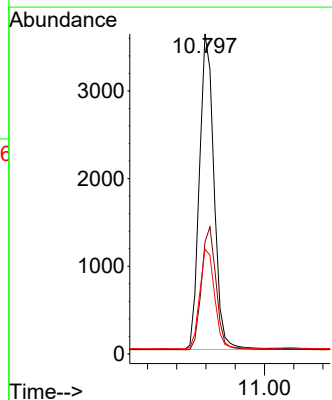
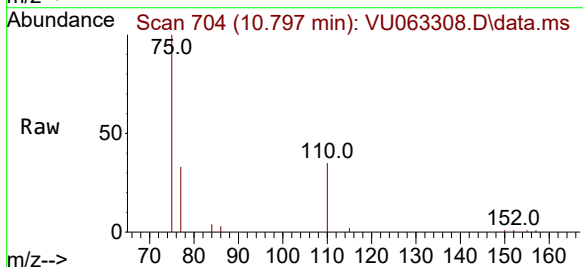
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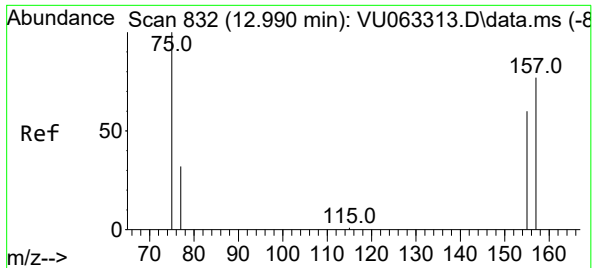
Tgt Ion:107 Resp: 13172  
Ion Ratio Lower Upper  
107 100  
109 91.7 66.8 124.0  
188 4.1 6.9 10.3#



#12  
1,2,3-Trichloropropane  
Concen: 2.09 ug/L  
RT: 10.797 min Scan# 704  
Delta R.T. -0.017 min  
Lab File: VU063308.D  
Acq: 19 Mar 2025 13:15

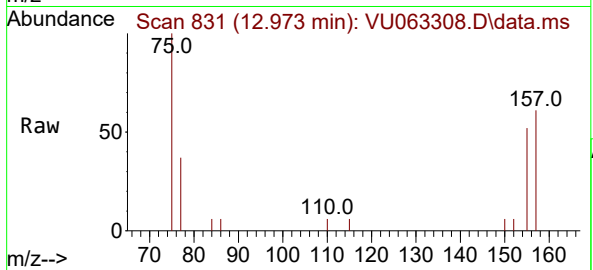
Tgt Ion: 75 Resp: 12477  
Ion Ratio Lower Upper  
75 100  
110 38.9 32.7 49.1  
77 32.1 27.1 40.7





#13  
 1,2-Dibromo-3-chloropropane  
 Concen: 2.01 ug/L  
 RT: 12.973 min Scan# 81  
 Delta R.T. -0.017 min  
 Lab File: VU063308.D  
 Acq: 19 Mar 2025 13:15

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 VSTD002053



|             |       |            |
|-------------|-------|------------|
| Tgt Ion: 75 | Resp: | 2849       |
| Ion Ratio   | Lower | Upper      |
| 75          | 100   |            |
| 157         | 60.6  | 65.4 98.2# |
| 155         | 52.0  | 55.8 83.6# |

