

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU031925\  
 Data File : VU063304.D  
 Acq On : 19 Mar 2025 14:31  
 Operator : MD/SY  
 Sample : VSTD0.0549  
 Misc : 25mL/MSVOA\_U/WATER  
 ALS Vial : 9 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 VSTD0.05049

Quant Time: Mar 25 09:55:12 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

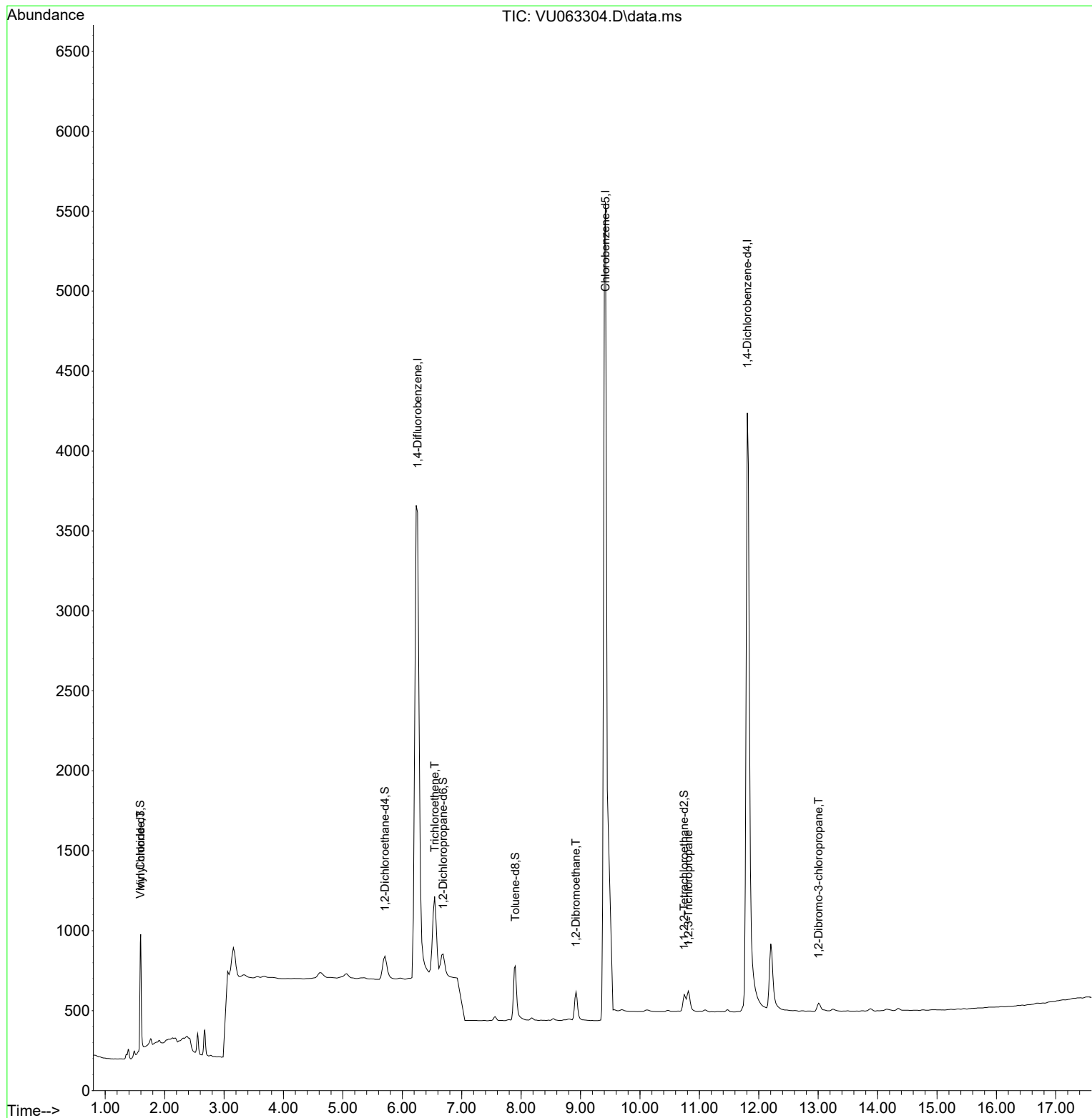
| Compound                      | R.T.   | QIon | Response | Conc Units  | Dev(Min) |
|-------------------------------|--------|------|----------|-------------|----------|
| -----                         |        |      |          |             |          |
| Internal Standards            |        |      |          |             |          |
| 1) 1,4-Difluorobenzene        | 6.258  | 114  | 10614    | 0.50 ug/L   | 0.00     |
| 5) Chlorobenzene-d5           | 9.419  | 117  | 14512    | 0.50 ug/L   | 0.00     |
| 11) 1,4-Dichlorobenzene-d4    | 11.808 | 152  | 4561     | 0.50 ug/L   | 0.00     |
| System Monitoring Compounds   |        |      |          |             |          |
| 2) Vinyl Chloride-d3          | 1.590  | 65   | 376      | 0.06 ug/L   | 0.00     |
| 4) 1,2-Dichloroethane-d4      | 5.709  | 65   | 371      | 0.06 ug/L   | 0.02     |
| 7) 1,2-Dichloropropane-d6     | 6.687  | 67   | 251      | 0.05 ug/L   | 0.00     |
| 8) Toluene-d8                 | 7.903  | 98   | 748      | 0.06 ug/L   | 0.02     |
| 10) 1,1,2,2-Tetrachloroeth... | 10.745 | 84   | 242      | 0.06 ug/L   | 0.00     |
| Target Compounds              |        |      |          |             |          |
|                               |        |      |          |             | Qvalue   |
| 3) Vinyl chloride             | 1.597  | 62   | 694      | 0.06 ug/L   | 82       |
| 6) Trichloroethene            | 6.544  | 95   | 651      | 0.06 ug/L   | 97       |
| 9) 1,2-Dibromoethane          | 8.924  | 107  | 299      | 0.05 ug/L # | 92       |
| 12) 1,2,3-Trichloropropane    | 10.814 | 75   | 282      | 0.05 ug/L   | 97       |
| 13) 1,2-Dibromo-3-chloropr... | 13.008 | 75   | 77       | 0.06 ug/L # | 85       |
| -----                         |        |      |          |             |          |

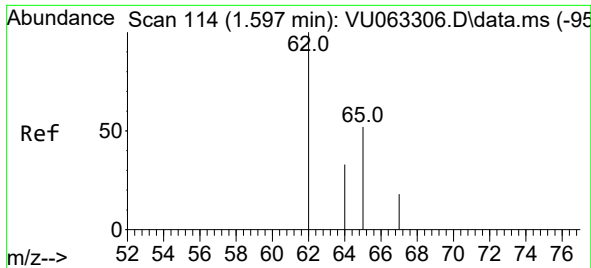
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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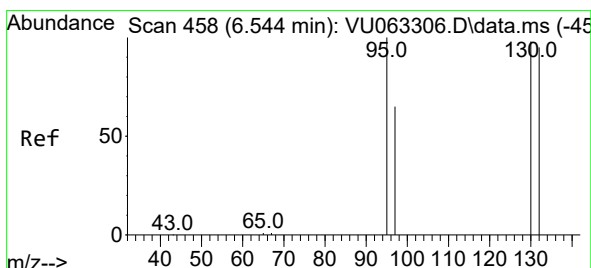
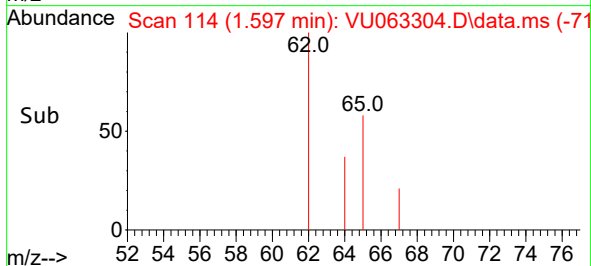
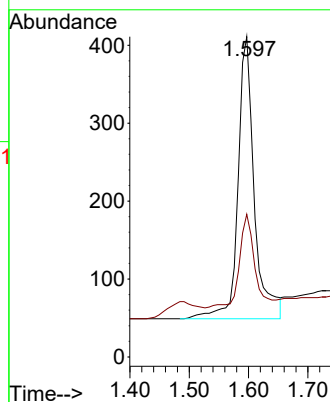
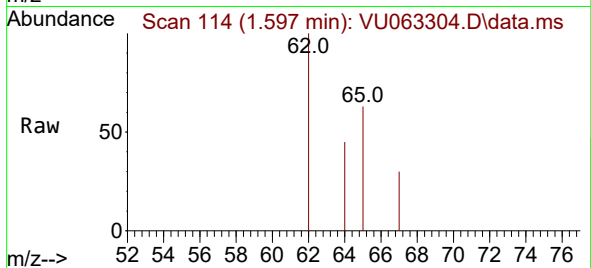




#3  
 Vinyl chloride  
 Concen: 0.06 ug/L  
 RT: 1.597 min Scan# 114  
 Delta R.T. -0.000 min  
 Lab File: VU063304.D  
 Acq: 19 Mar 2025 14:31

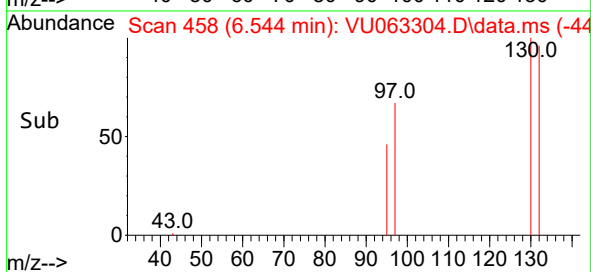
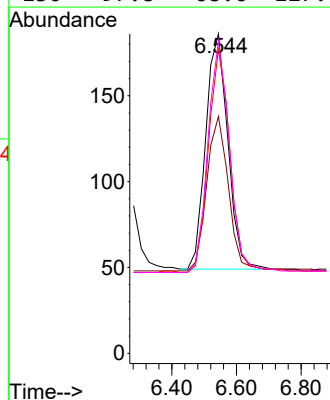
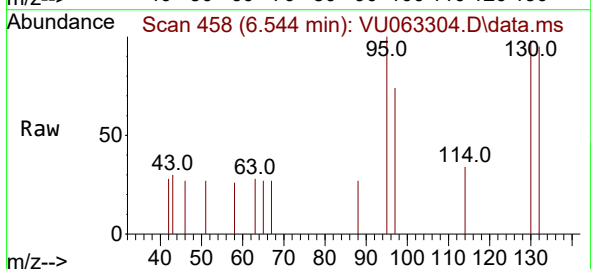
Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 VSTD0.05049

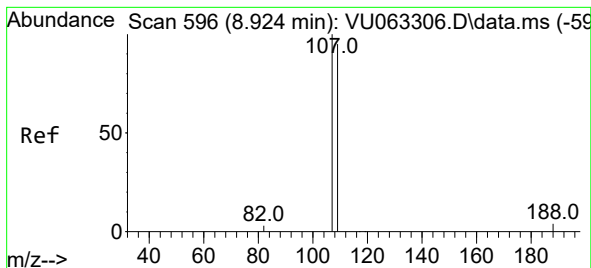
Tgt Ion: 62 Resp: 694  
 Ion Ratio Lower Upper  
 62 100  
 64 44.5 24.0 44.6



#6  
 Trichloroethene  
 Concen: 0.06 ug/L  
 RT: 6.544 min Scan# 458  
 Delta R.T. -0.000 min  
 Lab File: VU063304.D  
 Acq: 19 Mar 2025 14:31

Tgt Ion: 95 Resp: 651  
 Ion Ratio Lower Upper  
 95 100  
 97 74.2 46.6 86.6  
 132 95.2 66.7 123.9  
 130 97.8 68.6 127.4





#9

1,2-Dibromoethane

Concen: 0.05 ug/L

RT: 8.924 min Scan# 596

Delta R.T. -0.000 min

Lab File: VU063304.D

Acq: 19 Mar 2025 14:31

Instrument :

MSVOA\_U

ClientSampleId :

VSTD0.05049

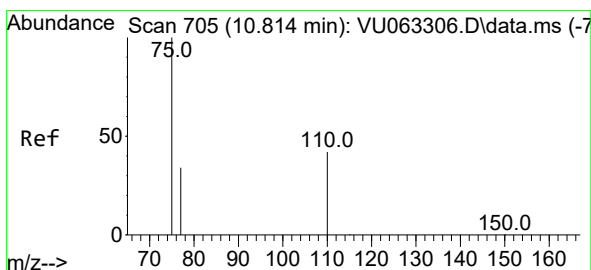
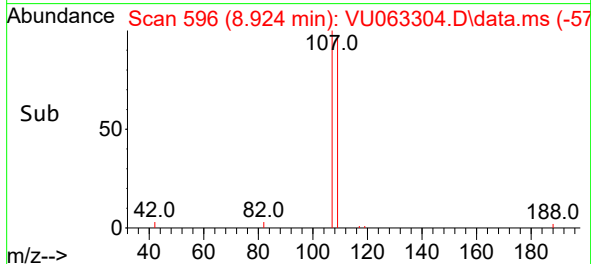
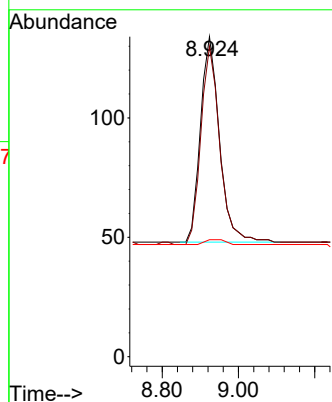
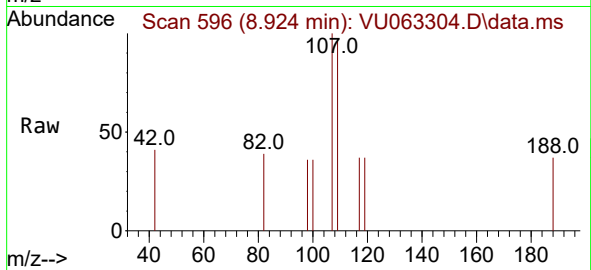
Tgt Ion:107 Resp: 299

Ion Ratio Lower Upper

107 100

109 97.0 66.8 124.0

188 36.6 6.9 10.3#



#12

1,2,3-Trichloropropane

Concen: 0.05 ug/L

RT: 10.814 min Scan# 705

Delta R.T. -0.000 min

Lab File: VU063304.D

Acq: 19 Mar 2025 14:31

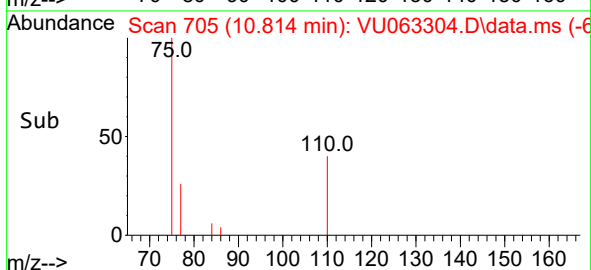
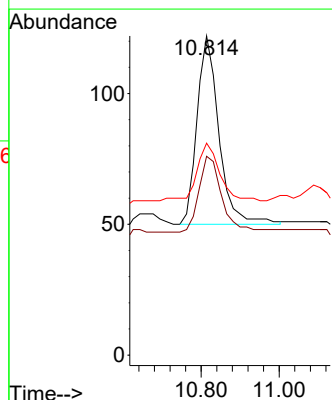
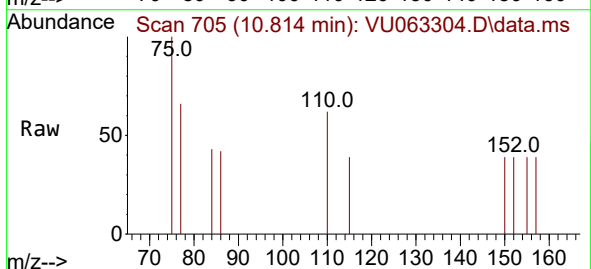
Tgt Ion: 75 Resp: 282

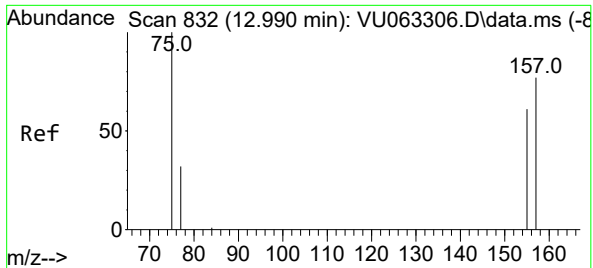
Ion Ratio Lower Upper

75 100

110 41.5 32.7 49.1

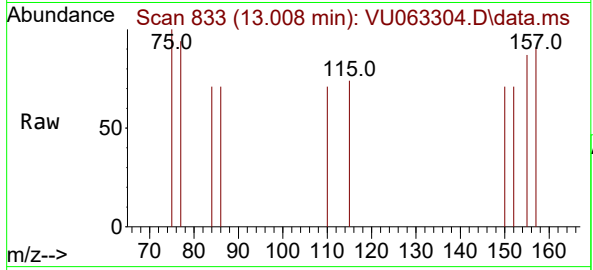
77 31.2 27.1 40.7





#13  
 1,2-Dibromo-3-chloropropane  
 Concen: 0.06 ug/L  
 RT: 13.008 min Scan# 81  
 Delta R.T. 0.017 min  
 Lab File: VU063304.D  
 Acq: 19 Mar 2025 14:31

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 VSTD0.05049



|             |             |
|-------------|-------------|
| Tgt Ion: 75 | Resp: 77    |
| Ion Ratio   | Lower Upper |
| 75 100      |             |
| 157 91.2    | 65.4 98.2   |
| 155 86.8    | 55.8 83.6#  |

