

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU032725\  
 Data File : VU063315.D  
 Acq On : 27 Mar 2025 16:15  
 Operator : MD/SY  
 Sample : Q1546-01  
 Misc : 25mL/MSVOA\_U/WATER  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 MDL-WATER-QT1-2025-01

Quant Time: Mar 31 11:28:42 2025  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\SFAMUSIM031925.M  
 Quant Title : TRACE VOA SOM01.0  
 QLast Update : Fri Mar 28 15:05:02 2025  
 Response via : Initial Calibration

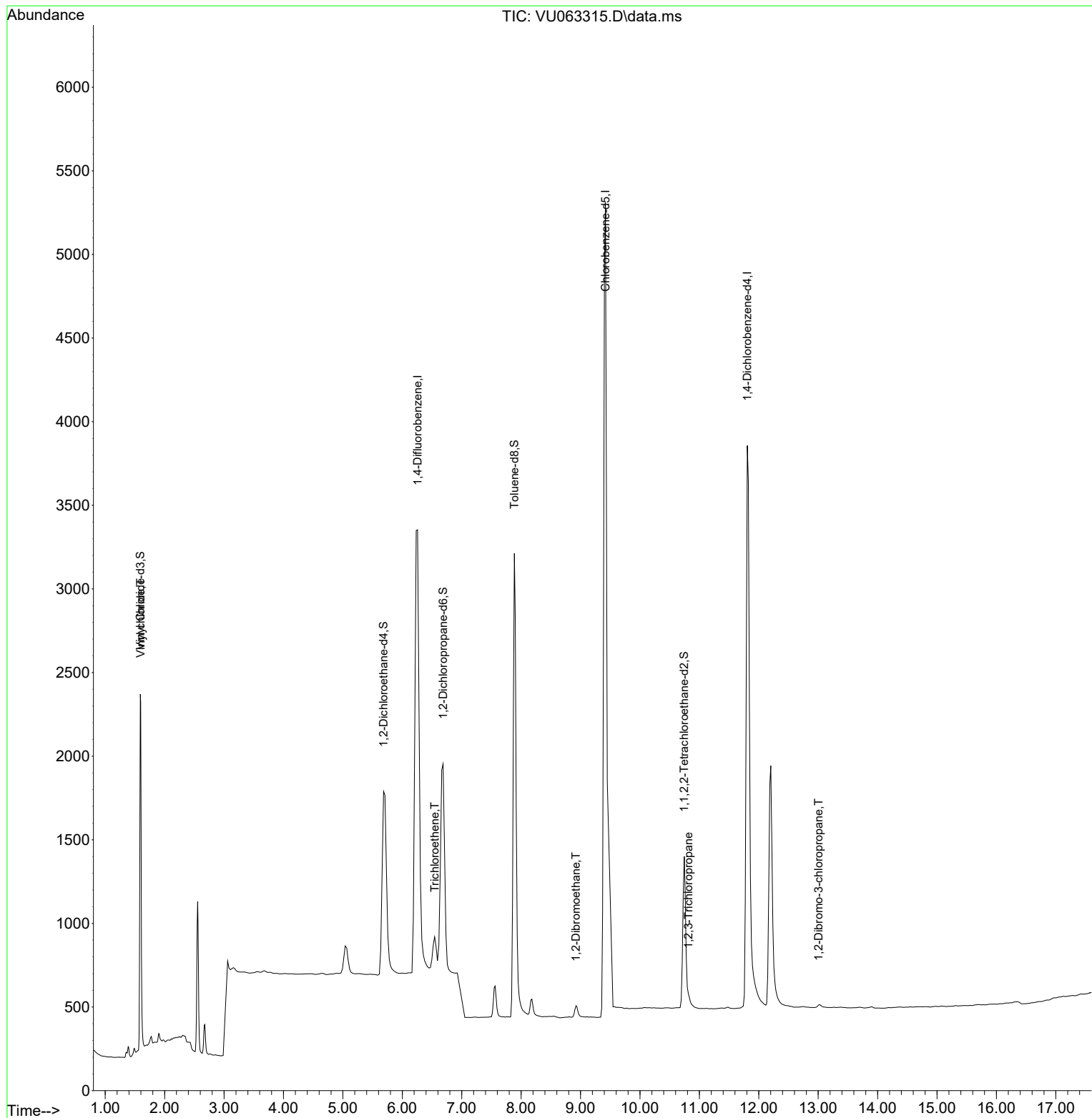
| Compound                      | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|--------|-------|----------|----------|--------|----------|
| -----                         |        |       |          |          |        |          |
| Internal Standards            |        |       |          |          |        |          |
| 1) 1,4-Difluorobenzene        | 6.258  | 114   | 9497     | 0.50     | ug/L   | 0.00     |
| 5) Chlorobenzene-d5           | 9.418  | 117   | 13473    | 0.50     | ug/L   | 0.00     |
| 11) 1,4-Dichlorobenzene-d4    | 11.808 | 152   | 4047     | 0.50     | ug/L   | 0.00     |
| System Monitoring Compounds   |        |       |          |          |        |          |
| 2) Vinyl Chloride-d3          | 1.590  | 65    | 2454     | 0.40     | ug/L   | 0.00     |
| Spiked Amount                 | 0.500  | Range | 40 - 130 | Recovery | =      | 80.00%   |
| 4) 1,2-Dichloroethane-d4      | 5.685  | 65    | 2664     | 0.52     | ug/L   | 0.00     |
| Spiked Amount                 | 0.500  | Range | 70 - 130 | Recovery | =      | 104.00%  |
| 7) 1,2-Dichloropropane-d6     | 6.687  | 67    | 2236     | 0.51     | ug/L   | 0.00     |
| Spiked Amount                 | 0.500  | Range | 60 - 140 | Recovery | =      | 102.00%  |
| 8) Toluene-d8                 | 7.887  | 98    | 5517     | 0.47     | ug/L   | 0.00     |
| Spiked Amount                 | 0.500  | Range | 70 - 130 | Recovery | =      | 94.00%   |
| 10) 1,1,2,2-Tetrachloroeth... | 10.745 | 84    | 1948     | 0.52     | ug/L   | 0.00     |
| Spiked Amount                 | 0.500  | Range | 65 - 120 | Recovery | =      | 104.00%  |
| Target Compounds              |        |       |          |          |        |          |
|                               |        |       |          |          | Qvalue |          |
| 3) Vinyl chloride             | 1.597  | 62    | 346      | 0.03     | ug/L # | 46       |
| 6) Trichloroethene            | 6.544  | 95    | 265      | 0.03     | ug/L   | 93       |
| 9) 1,2-Dibromoethane          | 8.924  | 107   | 128      | 0.02     | ug/L # | 87       |
| 12) 1,2,3-Trichloropropane    | 10.814 | 75    | 126      | 0.03     | ug/L # | 84       |
| 13) 1,2-Dibromo-3-chloropr... | 13.007 | 75    | 36       | 0.03     | ug/L # | 82       |
| -----                         |        |       |          |          |        |          |

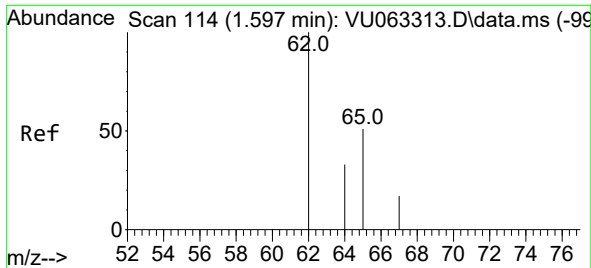
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU032725\  
Data File : VU063315.D  
Acq On : 27 Mar 2025 16:15  
Operator : MD/SY  
Sample : Q1546-01  
Misc : 25mL/MSVOA\_U/WATER  
ALS Vial : 6 Sample Multiplier: 1

Instrument :  
MSVOA\_U  
ClientSampleId :  
MDL-WATER-QT1-2025-01

Quant Time: Mar 31 11:28:42 2025  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\SFAMUSIM031925.M  
Quant Title : TRACE VOA SOM01.0  
QLast Update : Fri Mar 28 15:05:02 2025  
Response via : Initial Calibration

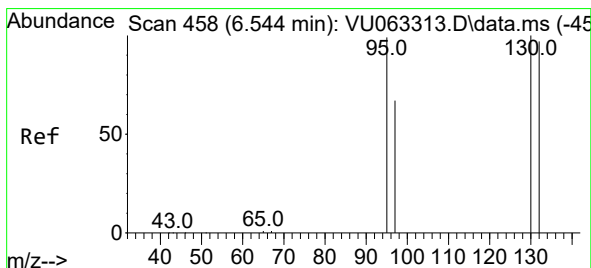
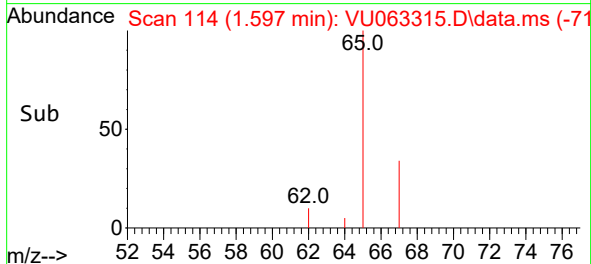
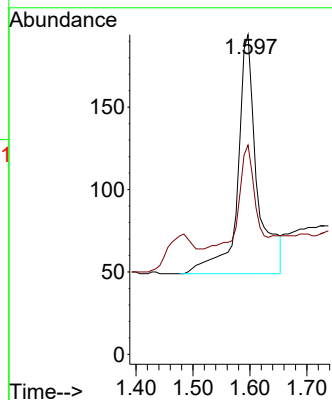
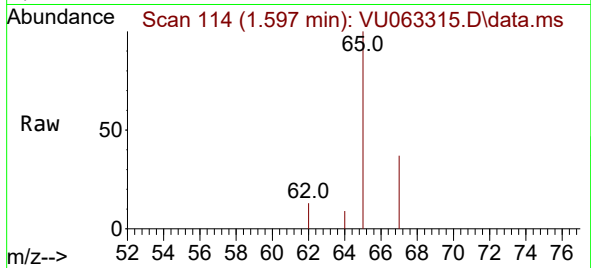




#3  
 Vinyl chloride  
 Concen: 0.03 ug/L  
 RT: 1.597 min Scan# 114  
 Delta R.T. 0.000 min  
 Lab File: VU063315.D  
 Acq: 27 Mar 2025 16:15

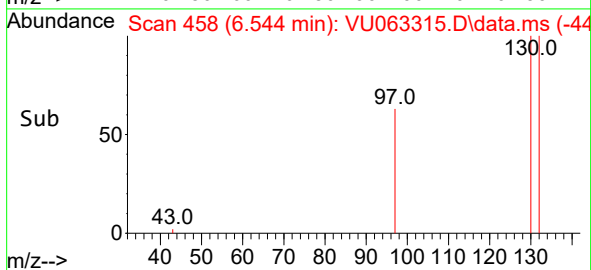
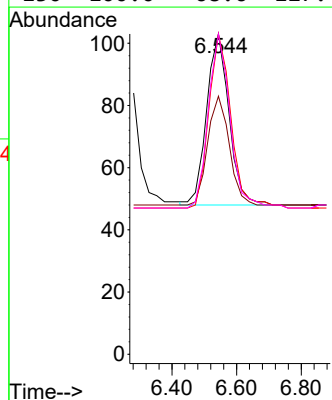
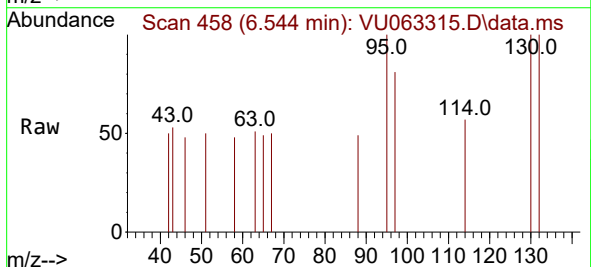
Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 MDL-WATER-QT1-2025-01

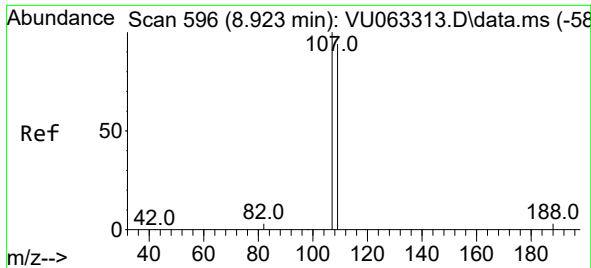
Tgt Ion: 62 Resp: 346  
 Ion Ratio Lower Upper  
 62 100  
 64 65.5 24.0 44.6#



#6  
 Trichloroethene  
 Concen: 0.03 ug/L  
 RT: 6.544 min Scan# 458  
 Delta R.T. 0.000 min  
 Lab File: VU063315.D  
 Acq: 27 Mar 2025 16:15

Tgt Ion: 95 Resp: 265  
 Ion Ratio Lower Upper  
 95 100  
 97 80.6 46.6 86.6  
 132 100.0 66.7 123.9  
 130 100.0 68.6 127.4

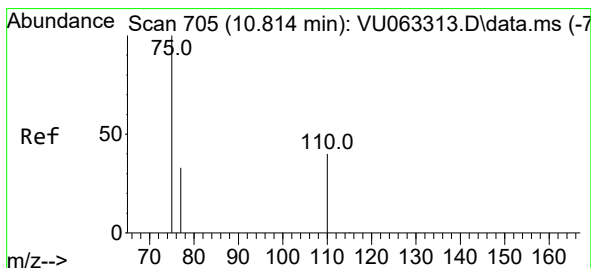
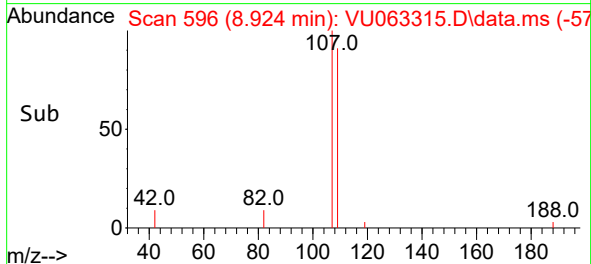
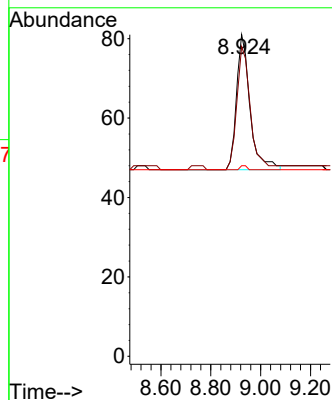
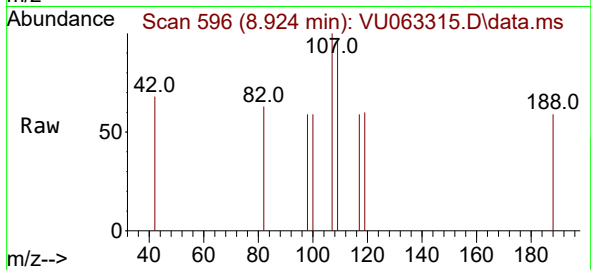




#9  
1,2-Dibromoethane  
Concen: 0.02 ug/L  
RT: 8.924 min Scan# 596  
Delta R.T. 0.000 min  
Lab File: VU063315.D  
Acq: 27 Mar 2025 16:15

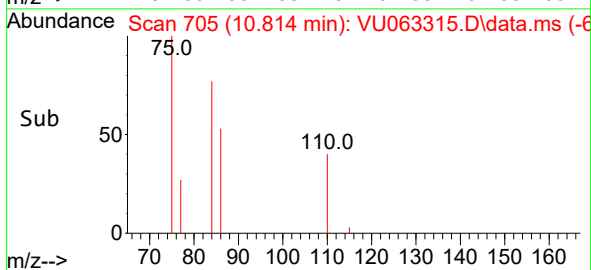
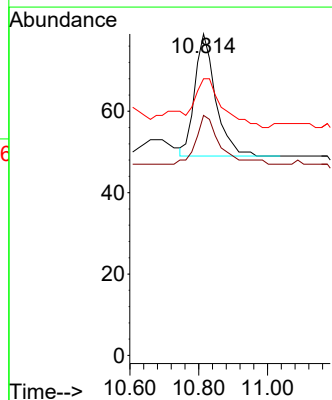
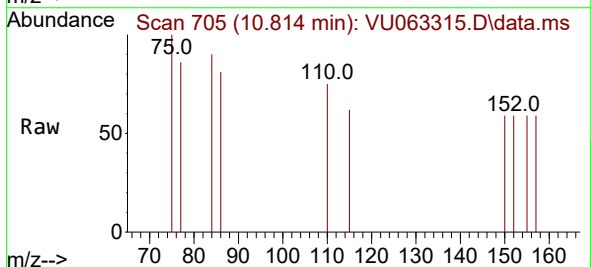
Instrument :  
MSVOA\_U  
ClientSampleId :  
MDL-WATER-QT1-2025-01

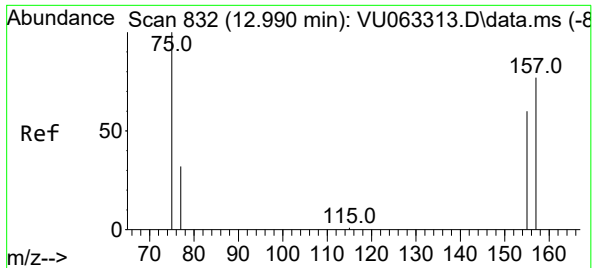
Tgt Ion:107 Resp: 128  
Ion Ratio Lower Upper  
107 100  
109 96.3 66.8 124.0  
188 59.3 6.9 10.3#



#12  
1,2,3-Trichloropropane  
Concen: 0.03 ug/L  
RT: 10.814 min Scan# 705  
Delta R.T. 0.000 min  
Lab File: VU063315.D  
Acq: 27 Mar 2025 16:15

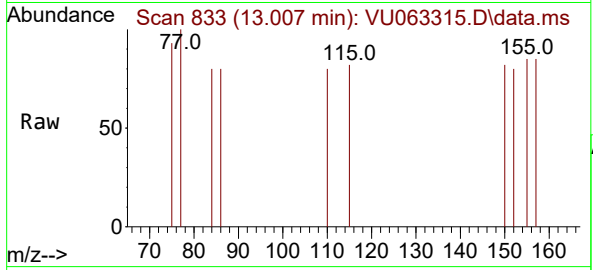
Tgt Ion: 75 Resp: 126  
Ion Ratio Lower Upper  
75 100  
110 42.9 32.7 49.1  
77 52.4 27.1 40.7#





#13  
 1,2-Dibromo-3-chloropropane  
 Concen: 0.03 ug/L  
 RT: 13.007 min Scan# 81  
 Delta R.T. 0.017 min  
 Lab File: VU063315.D  
 Acq: 27 Mar 2025 16:15

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 MDL-WATER-QT1-2025-01



|     |         |       |       |
|-----|---------|-------|-------|
| Tgt | Ion: 75 | Resp: | 36    |
| Ion | Ratio   | Lower | Upper |
| 75  | 100     |       |       |
| 157 | 91.1    | 65.4  | 98.2  |
| 155 | 91.1    | 55.8  | 83.6# |

