

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\DATA\VV061625\  
 Data File : VV038803.D  
 Acq On : 16 Jun 2025 14:31  
 Operator : SY/MD  
 Sample : Q2117-01  
 Misc : 25.0mL/MSVOA\_V/WATER  
 ALS Vial : 9 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 MDL-WATER-QT2-2025-03

Quant Time: Jun 16 15:14:29 2025  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVSIM061625.M  
 Quant Title : TRACE VOA SOM01.0  
 QLast Update : Mon Jun 16 14:53:20 2025  
 Response via : Initial Calibration

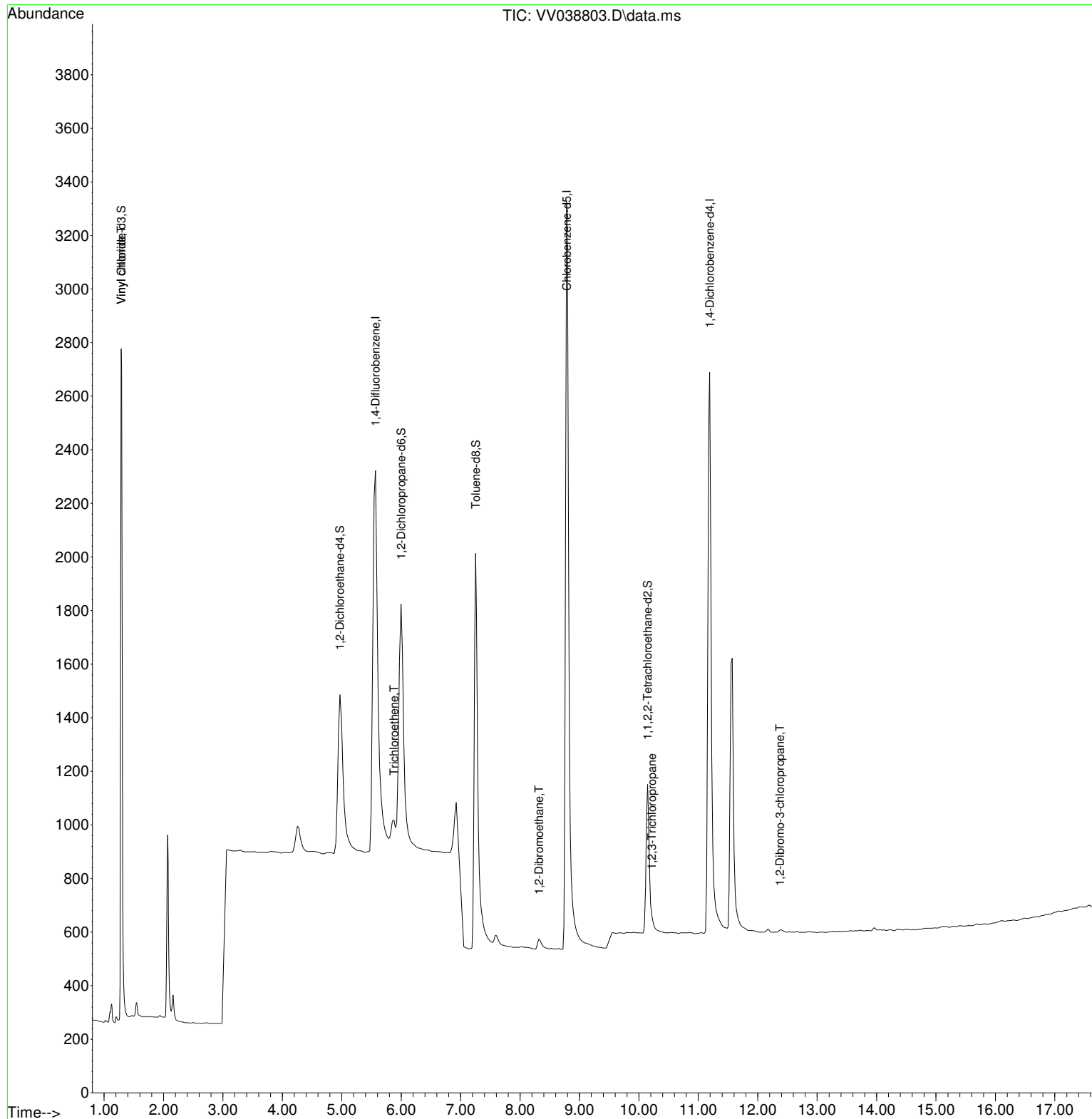
| Compound                      | R.T.           | QIon | Response            | Conc  | Units  | Dev(Min) |
|-------------------------------|----------------|------|---------------------|-------|--------|----------|
| -----                         |                |      |                     |       |        |          |
| Internal Standards            |                |      |                     |       |        |          |
| 1) 1,4-Difluorobenzene        | 5.566          | 114  | 6328                | 0.500 | ug/L   | 0.00     |
| 5) Chlorobenzene-d5           | 8.785          | 117  | 5878                | 0.500 | ug/L   | 0.00     |
| 11) 1,4-Dichlorobenzene-d4    | 11.191         | 152  | 2548                | 0.500 | ug/L   | 0.00     |
| System Monitoring Compounds   |                |      |                     |       |        |          |
| 2) Vinyl Chloride-d3          | 1.287          | 65   | 3176                | 0.529 | ug/L   | 0.00     |
| Spiked Amount 0.500           | Range 40 - 130 |      | Recovery = 106.000% |       |        |          |
| 4) 1,2-Dichloroethane-d4      | 4.969          | 65   | 1575                | 0.534 | ug/L   | 0.00     |
| Spiked Amount 0.500           | Range 70 - 130 |      | Recovery = 106.000% |       |        |          |
| 7) 1,2-Dichloropropane-d6     | 5.995          | 67   | 1855                | 0.557 | ug/L   | 0.00     |
| Spiked Amount 0.500           | Range 60 - 140 |      | Recovery = 112.000% |       |        |          |
| 8) Toluene-d8                 | 7.253          | 98   | 3640                | 0.542 | ug/L   | 0.00     |
| Spiked Amount 0.500           | Range 70 - 130 |      | Recovery = 108.000% |       |        |          |
| 10) 1,1,2,2-Tetrachloroeth... | 10.146         | 84   | 1286                | 0.550 | ug/L   | 0.00     |
| Spiked Amount 0.500           | Range 65 - 120 |      | Recovery = 110.000% |       |        |          |
| Target Compounds              |                |      |                     |       |        |          |
|                               |                |      |                     |       | Qvalue |          |
| 3) Vinyl chloride             | 1.287          | 62   | 329                 | 0.029 | ug/L # | 56       |
| 6) Trichloroethene            | 5.876          | 95   | 147                 | 0.026 | ug/L # | 91       |
| 9) 1,2-Dibromoethane          | 8.321          | 107  | 97                  | 0.027 | ug/L # | 77       |
| 12) 1,2,3-Trichloropropane    | 10.214         | 75   | 76                  | 0.026 | ug/L # | 89       |
| 13) 1,2-Dibromo-3-chloropr... | 12.374         | 75   | 12                  | 0.020 | ug/L   | 91       |
| -----                         |                |      |                     |       |        |          |

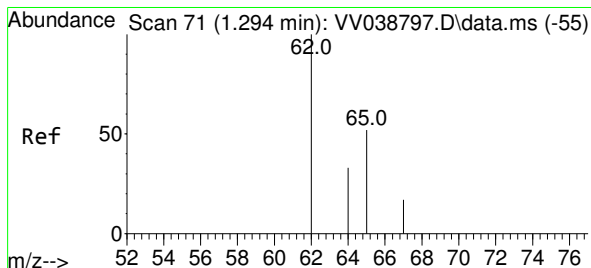
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\DATA\VV061625\  
Data File : VV038803.D  
Acq On : 16 Jun 2025 14:31  
Operator : SY/MD  
Sample : Q2117-01  
Misc : 25.0mL/MSVOA\_V/WATER  
ALS Vial : 9 Sample Multiplier: 1

Instrument :  
MSVOA\_V  
ClientSampleId :  
MDL-WATER-QT2-2025-03

Quant Time: Jun 16 15:14:29 2025  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVSIM061625.M  
Quant Title : TRACE VOA SOM01.0  
QLast Update : Mon Jun 16 14:53:20 2025  
Response via : Initial Calibration





#3

Vinyl chloride

Concen: 0.029 ug/L

RT: 1.287 min Scan# 71

Delta R.T. -0.007 min

Lab File: VV038803.D

Acq: 16 Jun 2025 14:31

Instrument :

MSVOA\_V

ClientSampleId :

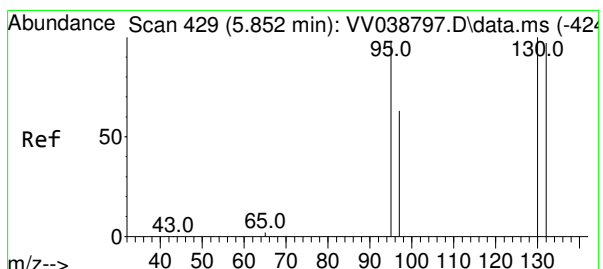
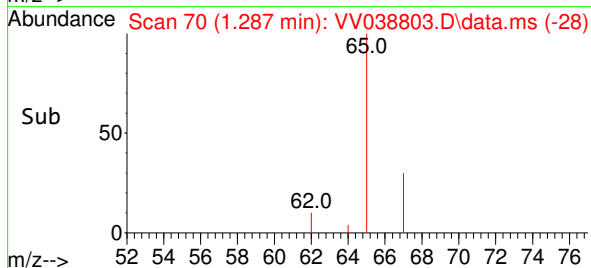
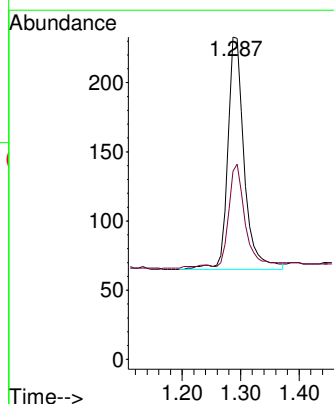
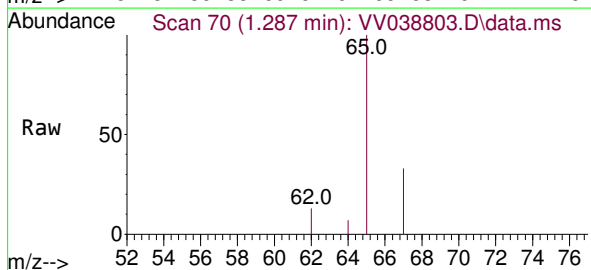
MDL-WATER-QT2-2025-03

Tgt Ion: 62 Resp: 329

Ion Ratio Lower Upper

62 100

64 58.4 23.4 43.4#



#6

Trichloroethene

Concen: 0.026 ug/L

RT: 5.876 min Scan# 430

Delta R.T. 0.024 min

Lab File: VV038803.D

Acq: 16 Jun 2025 14:31

Tgt Ion: 95 Resp: 147

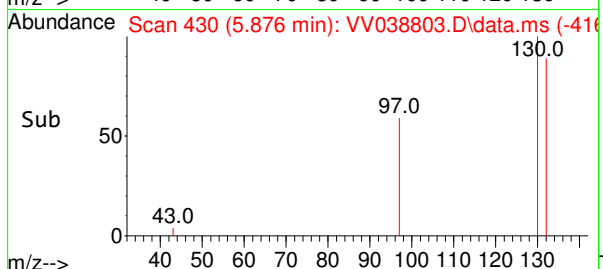
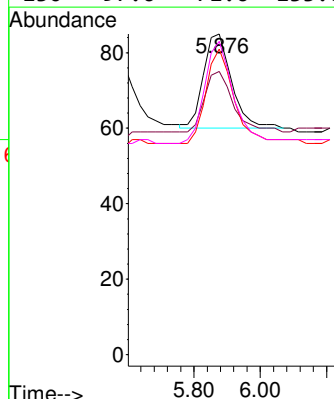
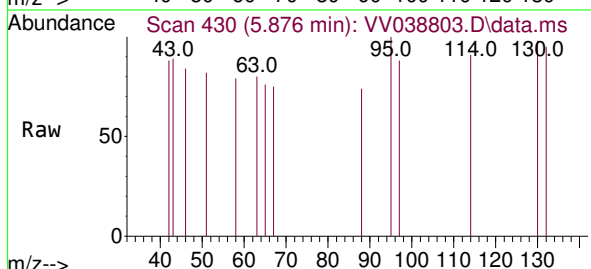
Ion Ratio Lower Upper

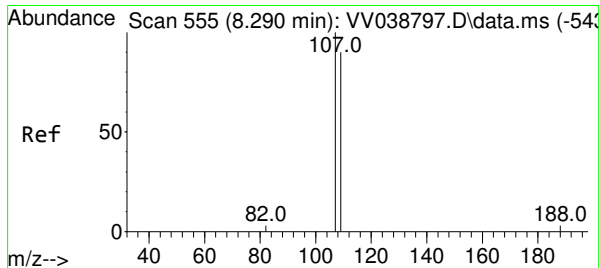
95 100

97 88.2 46.5 86.5#

132 95.3 68.4 127.0

130 97.6 71.6 133.0

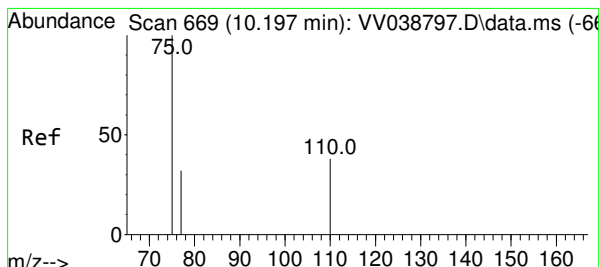
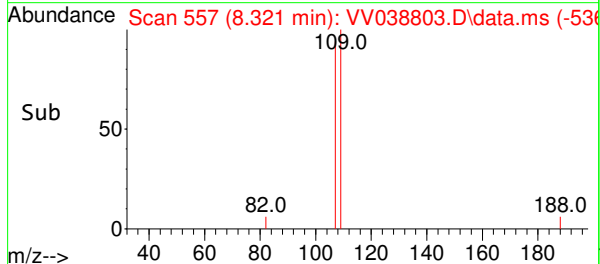
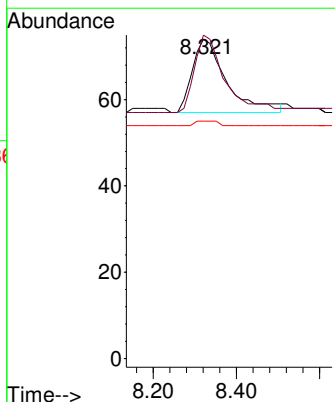
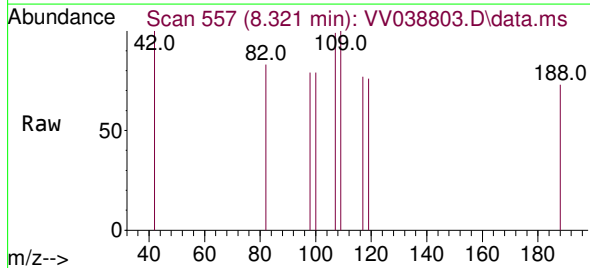




#9  
1,2-Dibromoethane  
Concen: 0.027 ug/L  
RT: 8.321 min Scan# 51  
Delta R.T. 0.031 min  
Lab File: VV038803.D  
Acq: 16 Jun 2025 14:31

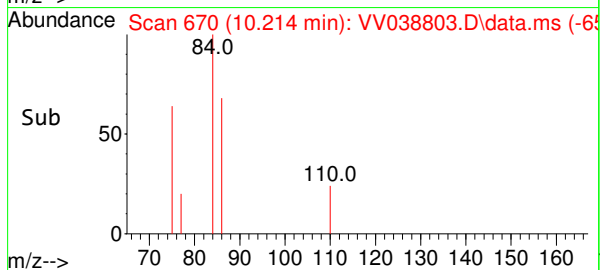
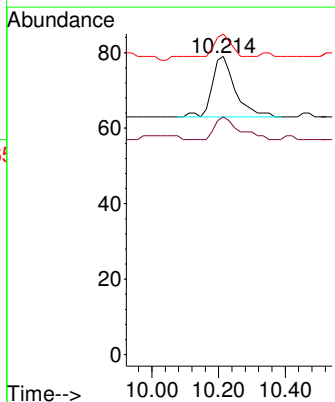
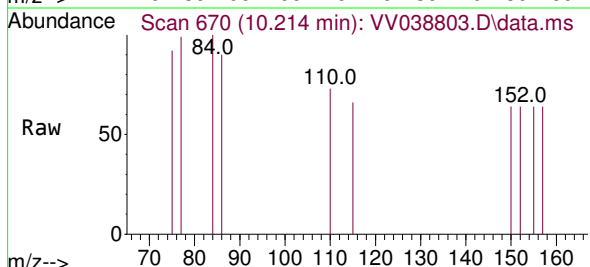
Instrument :  
MSVOA\_V  
ClientSampleId :  
MDL-WATER-QT2-2025-03

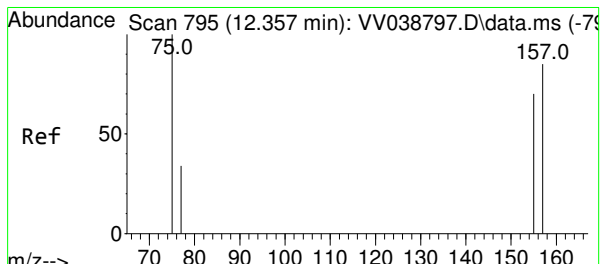
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 107   | Resp: | 97    |
| Ion      | Ratio | Lower | Upper |
| 107      | 100   |       |       |
| 109      | 101.4 | 66.4  | 123.2 |
| 188      | 74.3  | 8.6   | 13.0# |



#12  
1,2,3-Trichloropropane  
Concen: 0.026 ug/L  
RT: 10.214 min Scan# 670  
Delta R.T. 0.017 min  
Lab File: VV038803.D  
Acq: 16 Jun 2025 14:31

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 75    | Resp: | 76    |
| Ion      | Ratio | Lower | Upper |
| 75       | 100   |       |       |
| 110      | 39.5  | 33.4  | 50.0  |
| 77       | 44.7  | 27.0  | 40.6# |





#13  
 1,2-Dibromo-3-chloropropane  
 Concen: 0.020 ug/L  
 RT: 12.374 min Scan# 7  
 Delta R.T. 0.017 min  
 Lab File: VV038803.D  
 Acq: 16 Jun 2025 14:31

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 MDL-WATER-QT2-2025-03

Tgt Ion: 75 Resp: 12

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 75  | 100   |       |       |
| 157 | 86.4  | 81.1  | 121.7 |
| 155 | 86.4  | 70.3  | 105.5 |

