

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\DATA\VV012825\  
 Data File : VV038557.D  
 Acq On : 28 Jan 2025 13:29  
 Operator : SY/MD  
 Sample : MDL03  
 Misc : 25mL/MSVOA\_V/WATER  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :

Quant Time: Jan 29 09:27:34 2025  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVSIM012725.M  
 Quant Title : TRACE VOA SOM01.0  
 QLast Update : Tue Jan 28 08:06:10 2025  
 Response via : Initial Calibration

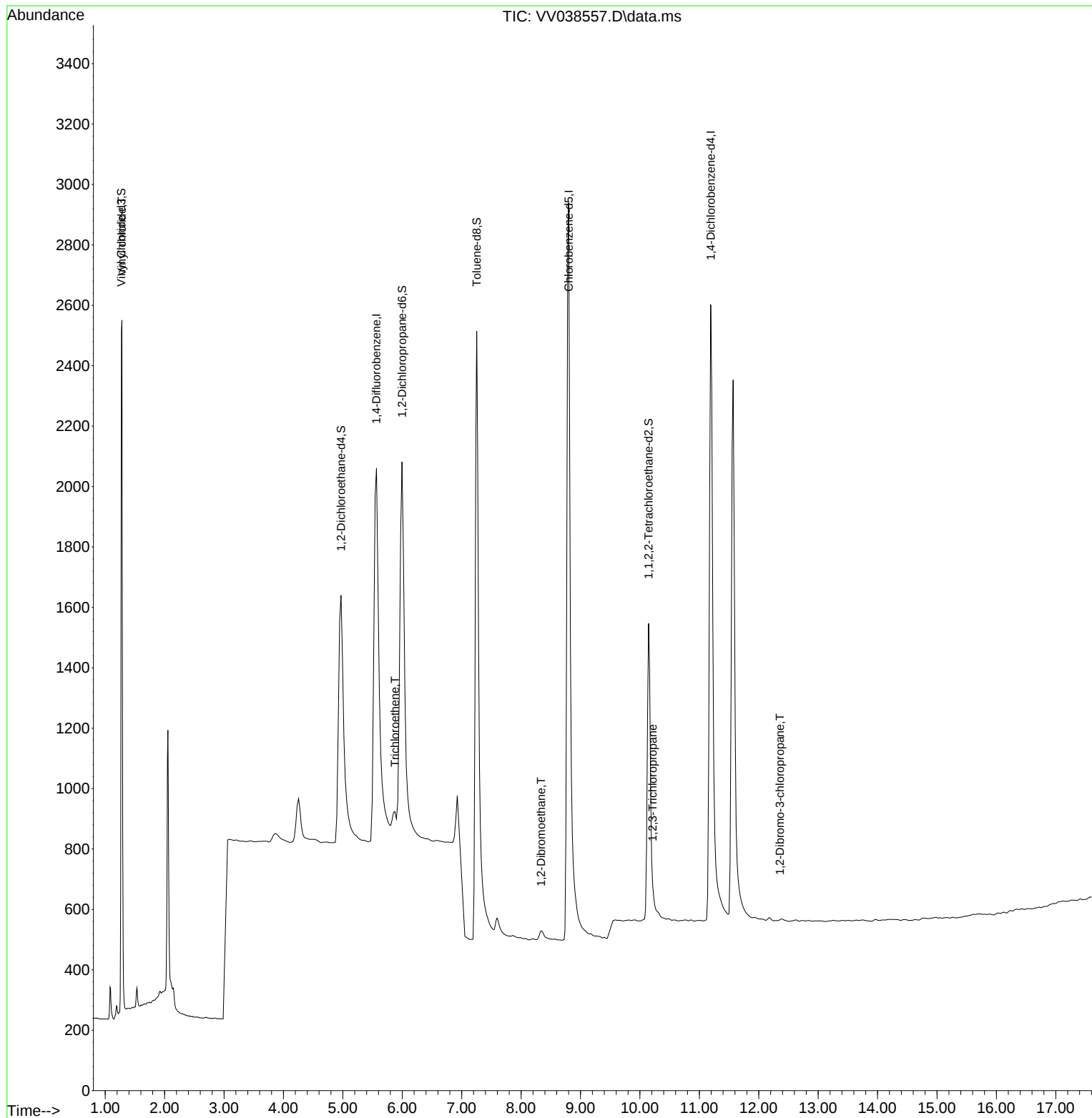
| Compound                      | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|--------|-------|----------|----------|--------|----------|
| -----                         |        |       |          |          |        |          |
| Internal Standards            |        |       |          |          |        |          |
| 1) 1,4-Difluorobenzene        | 5.566  | 114   | 5597     | 0.500    | ug/L   | 0.00     |
| 5) Chlorobenzene-d5           | 8.800  | 117   | 5574     | 0.500    | ug/L   | 0.00     |
| 11) 1,4-Dichlorobenzene-d4    | 11.191 | 152   | 2567     | 0.500    | ug/L   | 0.00     |
| System Monitoring Compounds   |        |       |          |          |        |          |
| 2) Vinyl Chloride-d3          | 1.273  | 65    | 2607     | 0.462    | ug/L   | 0.00     |
| Spiked Amount                 | 0.500  | Range | 40 - 130 | Recovery | =      | 92.000%  |
| 4) 1,2-Dichloroethane-d4      | 4.969  | 65    | 2245     | 0.498    | ug/L   | 0.00     |
| Spiked Amount                 | 0.500  | Range | 70 - 130 | Recovery | =      | 100.000% |
| 7) 1,2-Dichloropropane-d6     | 5.995  | 67    | 2620     | 0.478    | ug/L   | 0.00     |
| Spiked Amount                 | 0.500  | Range | 60 - 140 | Recovery | =      | 96.000%  |
| 8) Toluene-d8                 | 7.253  | 98    | 4995     | 0.455    | ug/L   | 0.00     |
| Spiked Amount                 | 0.500  | Range | 70 - 130 | Recovery | =      | 90.000%  |
| 10) 1,1,2,2-Tetrachloroeth... | 10.146 | 84    | 2281     | 0.488    | ug/L   | 0.00     |
| Spiked Amount                 | 0.500  | Range | 65 - 120 | Recovery | =      | 98.000%  |
| Target Compounds              |        |       |          |          |        |          |
|                               |        |       |          |          | Qvalue |          |
| 3) Vinyl chloride             | 1.280  | 62    | 175      | 0.024    | ug/L # | 44       |
| 6) Trichloroethene            | 5.876  | 95    | 116      | 0.025    | ug/L # | 92       |
| 9) 1,2-Dibromoethane          | 8.336  | 107   | 75       | 0.023    | ug/L # | 78       |
| 12) 1,2,3-Trichloropropane    | 10.214 | 75    | 88       | 0.030    | ug/L # | 77       |
| 13) 1,2-Dibromo-3-chloropr... | 12.357 | 75    | 11       | 0.024    | ug/L   | 94       |
| -----                         |        |       |          |          |        |          |

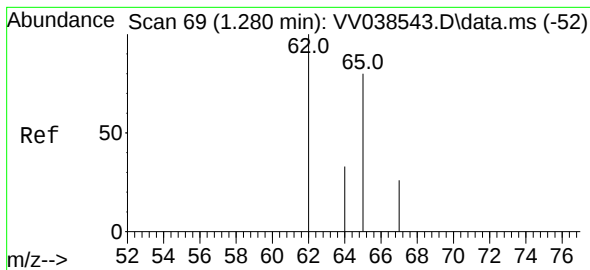
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\DATA\VV012825\  
Data File : VV038557.D  
Acq On : 28 Jan 2025 13:29  
Operator : SY/MD  
Sample : MDL03  
Misc : 25mL/MSVOA\_V/WATER  
ALS Vial : 6 Sample Multiplier: 1

Instrument :  
MSVOA\_V  
ClientSampleId :

Quant Time: Jan 29 09:27:34 2025  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVSIM012725.M  
Quant Title : TRACE VOA SOM01.0  
QLast Update : Tue Jan 28 08:06:10 2025  
Response via : Initial Calibration





#3

Vinyl chloride

Concen: 0.024 ug/L

RT: 1.280 min Scan# 69

Delta R.T. 0.000 min

Lab File: VV038557.D

Acq: 28 Jan 2025 13:29

Instrument :

MSVOA\_V

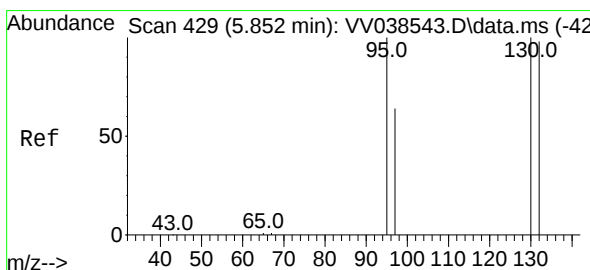
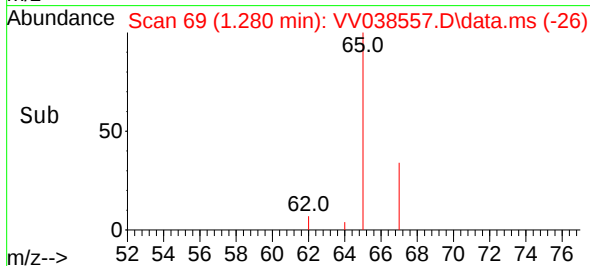
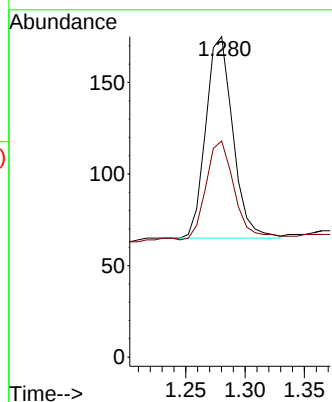
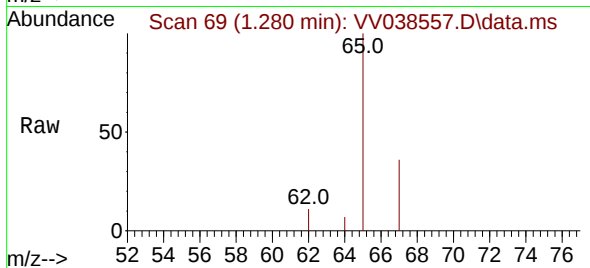
ClientSampleId :

Tgt Ion: 62 Resp: 175

Ion Ratio Lower Upper

62 100

64 67.4 24.4 45.2#



#6

Trichloroethene

Concen: 0.025 ug/L

RT: 5.876 min Scan# 430

Delta R.T. 0.024 min

Lab File: VV038557.D

Acq: 28 Jan 2025 13:29

Tgt Ion: 95 Resp: 116

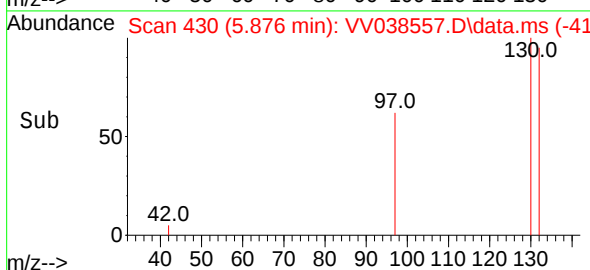
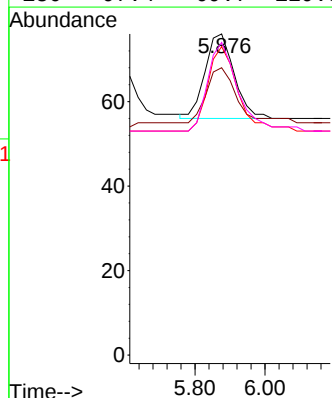
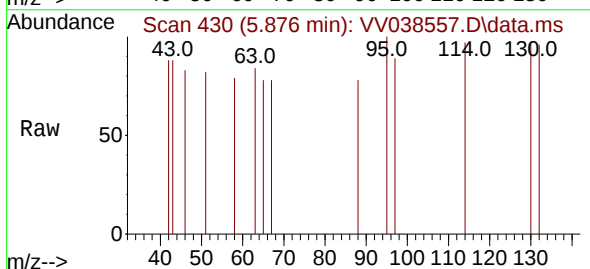
Ion Ratio Lower Upper

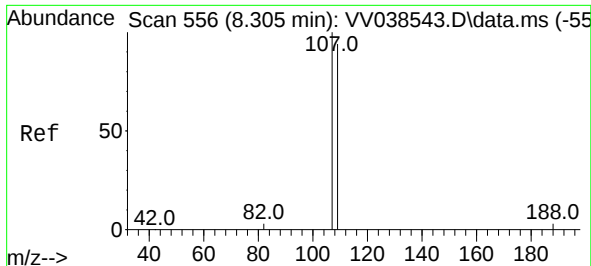
95 100

97 89.5 47.9 88.9#

132 96.1 68.2 126.6

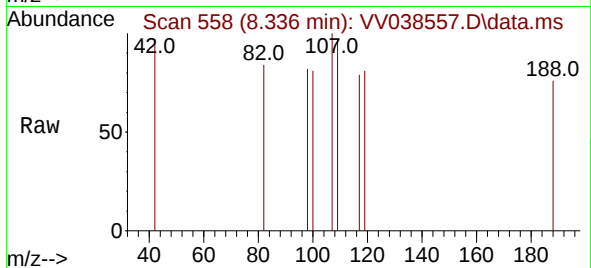
130 97.4 69.7 129.5



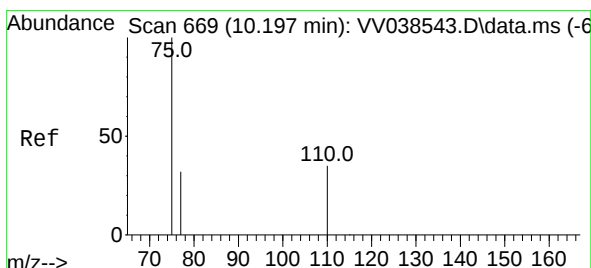
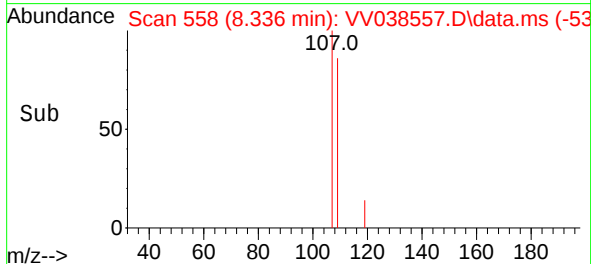
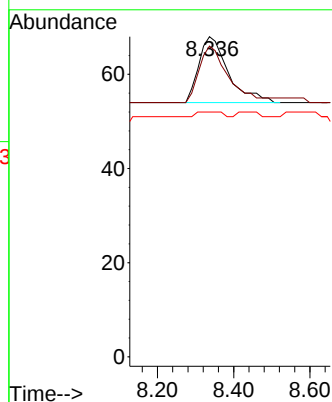


#9  
1,2-Dibromoethane  
Concen: 0.023 ug/L  
RT: 8.336 min Scan# 51  
Delta R.T. 0.031 min  
Lab File: VV038557.D  
Acq: 28 Jan 2025 13:29

Instrument :  
MSVOA\_V  
ClientSampleId :

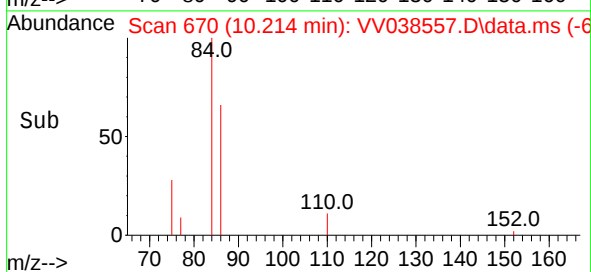
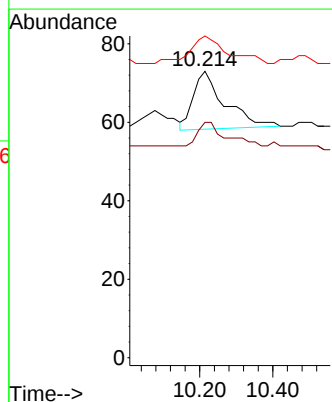
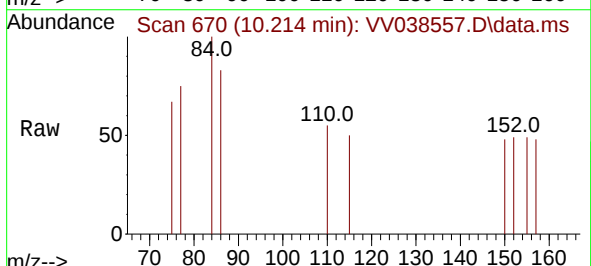


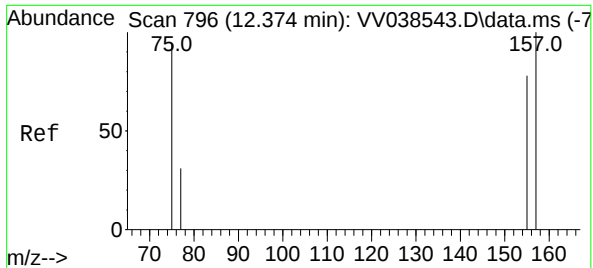
Tgt Ion:107 Resp: 75  
Ion Ratio Lower Upper  
107 100  
109 97.1 66.3 123.1  
188 76.5 11.9 17.9#



#12  
1,2,3-Trichloropropane  
Concen: 0.030 ug/L  
RT: 10.214 min Scan# 670  
Delta R.T. 0.017 min  
Lab File: VV038557.D  
Acq: 28 Jan 2025 13:29

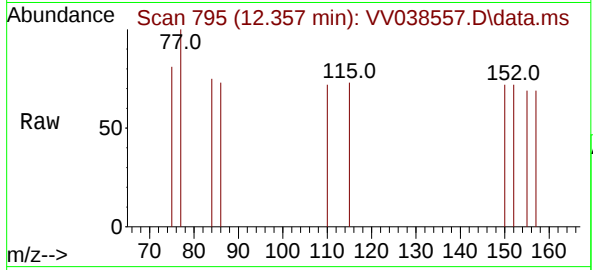
Tgt Ion: 75 Resp: 88  
Ion Ratio Lower Upper  
75 100  
110 35.2 32.7 49.1  
77 55.7 26.3 39.5#





#13  
 1,2-Dibromo-3-chloropropane  
 Concen: 0.024 ug/L  
 RT: 12.357 min Scan# 796  
 Delta R.T. -0.017 min  
 Lab File: VV038557.D  
 Acq: 28 Jan 2025 13:29

Instrument :  
 MSVOA\_V  
 ClientSampleId :



Tgt Ion: 75 Resp: 11

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 75  | 100   |       |       |
| 157 | 85.2  | 77.0  | 115.6 |
| 155 | 85.2  | 68.2  | 102.2 |

