

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\DATA\VV012725\  
 Data File : VV038550.D  
 Acq On : 27 Jan 2025 15:30  
 Operator : SY/MD  
 Sample : MDL02  
 Misc : 25mL/MSVOA\_V/WATER  
 ALS Vial : 11 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 MDL02

Quant Time: Jan 28 08:12:16 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

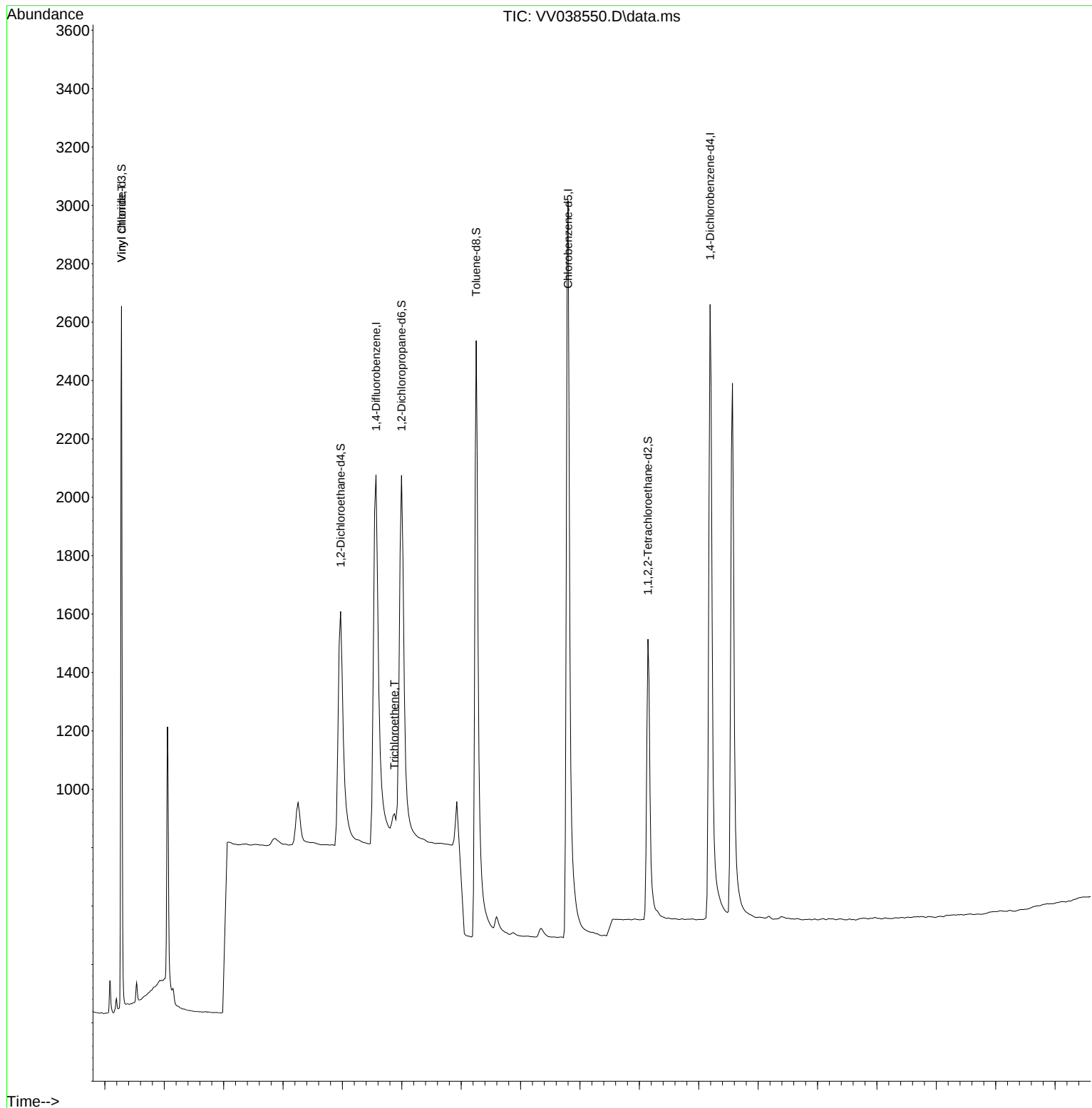
| Compound                      | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|--------|-------|----------|----------|--------|----------|
| -----                         |        |       |          |          |        |          |
| Internal Standards            |        |       |          |          |        |          |
| 1) 1,4-Difluorobenzene        | 5.566  | 114   | 5646     | 0.500    | ug/L   | 0.00     |
| 5) Chlorobenzene-d5           | 8.800  | 117   | 5747     | 0.500    | ug/L   | 0.00     |
| 11) 1,4-Dichlorobenzene-d4    | 11.191 | 152   | 2689     | 0.500    | ug/L   | 0.00     |
| System Monitoring Compounds   |        |       |          |          |        |          |
| 2) Vinyl Chloride-d3          | 1.280  | 65    | 2627     | 0.461    | ug/L   | 0.00     |
| Spiked Amount                 | 0.500  | Range | 40 - 130 | Recovery | =      | 92.000%  |
| 4) 1,2-Dichloroethane-d4      | 4.969  | 65    | 2132     | 0.469    | ug/L   | 0.00     |
| Spiked Amount                 | 0.500  | Range | 70 - 130 | Recovery | =      | 94.000%  |
| 7) 1,2-Dichloropropane-d6     | 5.995  | 67    | 2633     | 0.466    | ug/L   | 0.00     |
| Spiked Amount                 | 0.500  | Range | 60 - 140 | Recovery | =      | 94.000%  |
| 8) Toluene-d8                 | 7.253  | 98    | 5099     | 0.450    | ug/L   | 0.00     |
| Spiked Amount                 | 0.500  | Range | 70 - 130 | Recovery | =      | 90.000%  |
| 10) 1,1,2,2-Tetrachloroeth... | 10.145 | 84    | 2247     | 0.467    | ug/L   | 0.00     |
| Spiked Amount                 | 0.500  | Range | 65 - 120 | Recovery | =      | 94.000%  |
| Target Compounds              |        |       |          |          |        |          |
|                               |        |       |          |          | Qvalue |          |
| 3) Vinyl chloride             | 1.280  | 62    | 183      | 0.025    | ug/L # | 47       |
| 6) Trichloroethene            | 5.876  | 95    | 115      | 0.024    | ug/L # | 91       |
| 9) 1,2-Dibromoethane          | 8.336  | 107   | 82       | 0.024    | ug/L # | 78       |
| 12) 1,2,3-Trichloropropane    | 10.214 | 75    | 97       | 0.032    | ug/L   | 95       |
| 13) 1,2-Dibromo-3-chloropr... | 12.356 | 75    | 23       | 0.048    | ug/L   | 94       |
| -----                         |        |       |          |          |        |          |

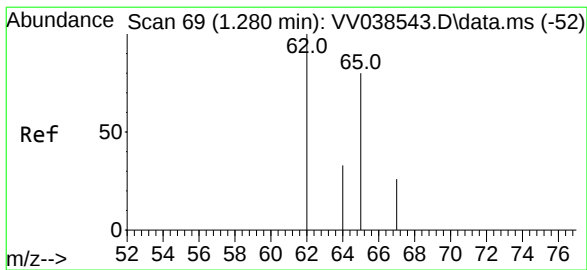
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Vinyl chloride

Concen: 0.025 ug/L

RT: 1.280 min Scan# 69

Delta R.T. -0.000 min

Lab File: VV038550.D

Acq: 27 Jan 2025 15:30

Instrument :

MSVOA\_V

ClientSampleId :

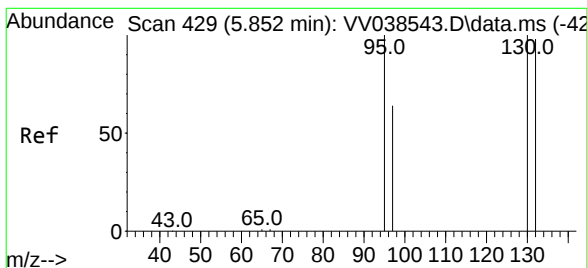
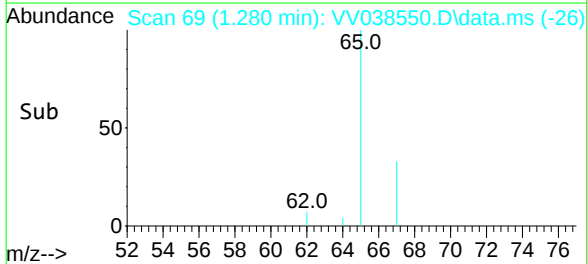
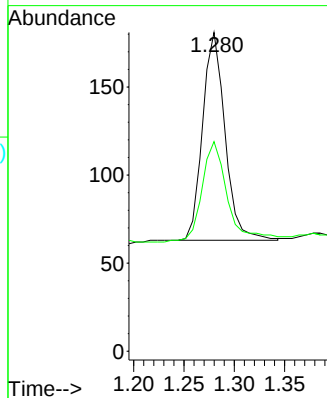
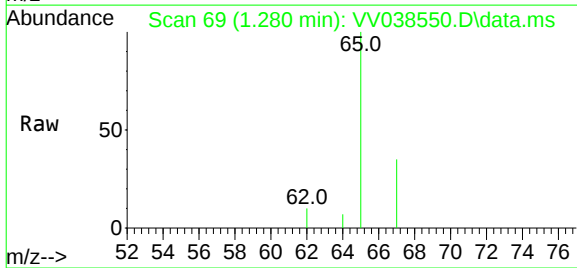
MDL02

Tgt Ion: 62 Resp: 183

Ion Ratio Lower Upper

62 100

64 65.7 24.4 45.2#



#6

Trichloroethene

Concen: 0.024 ug/L

RT: 5.876 min Scan# 430

Delta R.T. 0.024 min

Lab File: VV038550.D

Acq: 27 Jan 2025 15:30

Tgt Ion: 95 Resp: 115

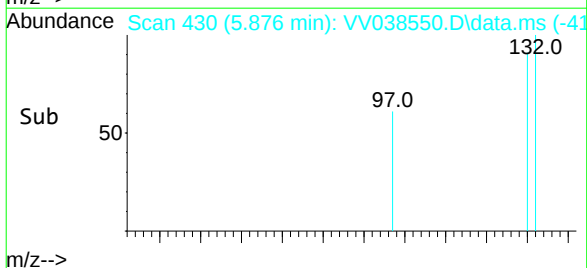
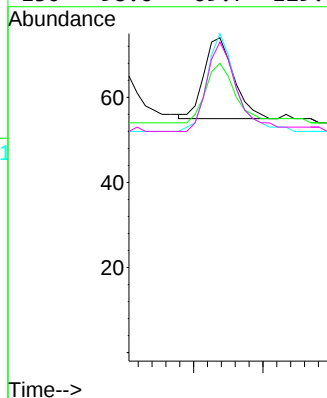
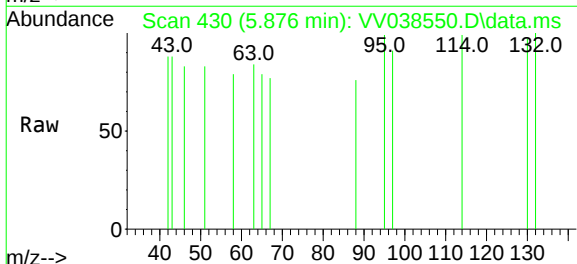
Ion Ratio Lower Upper

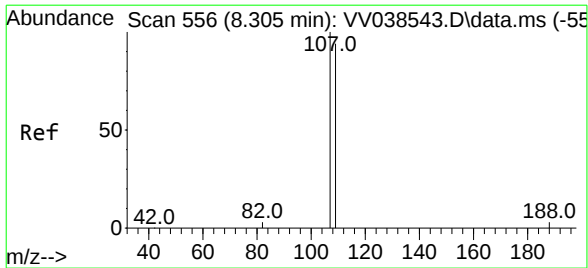
95 100

97 91.9 47.9 88.9#

132 101.4 68.2 126.6

130 98.6 69.7 129.5

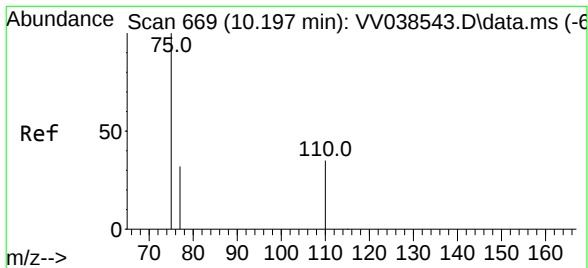
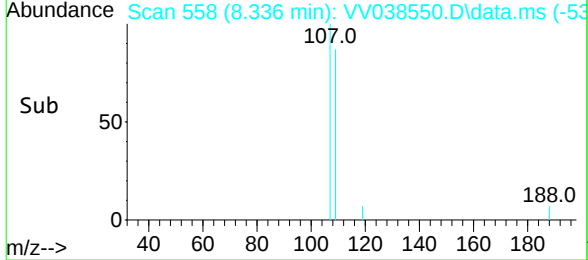
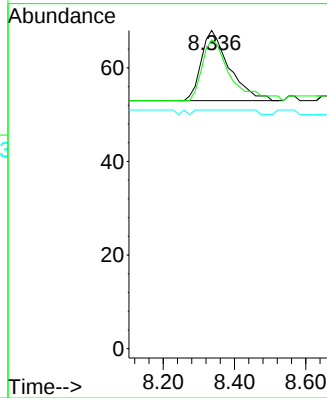
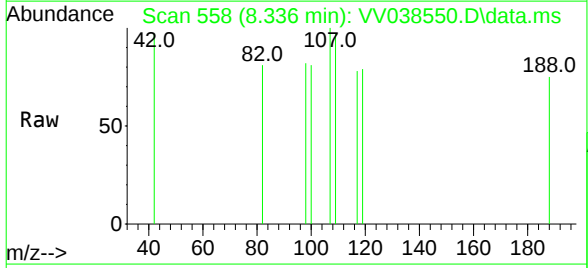




#9  
1,2-Dibromoethane  
Concen: 0.024 ug/L  
RT: 8.336 min Scan# 55  
Delta R.T. 0.031 min  
Lab File: VV038550.D  
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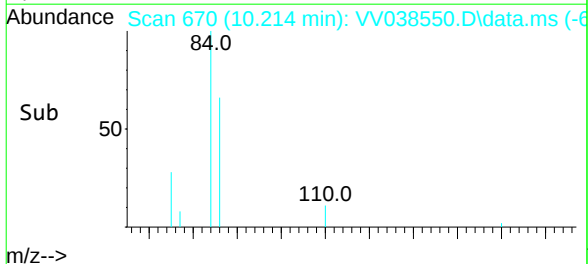
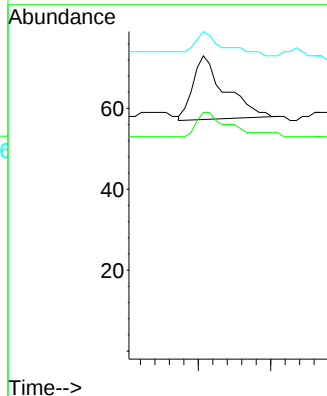
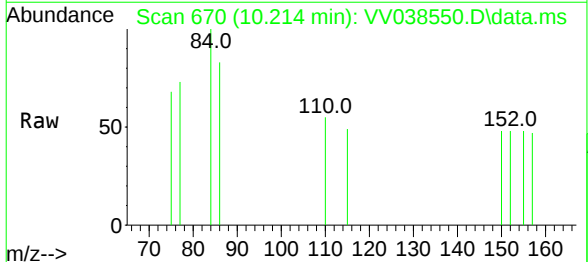
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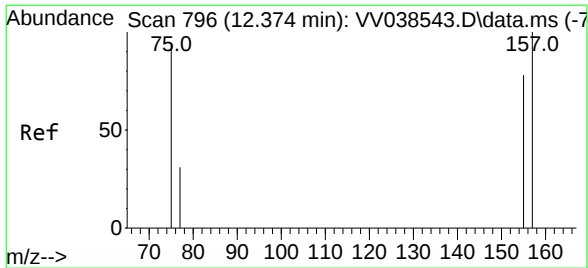
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 107   | Resp: | 82    |
| Ion      | Ratio | Lower | Upper |
| 107      | 100   |       |       |
| 109      | 97.1  | 66.3  | 123.1 |
| 188      | 75.0  | 11.9  | 17.9  |



#12  
1,2,3-Trichloropropane  
Concen: 0.032 ug/L  
RT: 10.214 min Scan# 670  
Delta R.T. 0.017 min  
Lab File: VV038550.D  
Acq: 27 Jan 2025 15:30

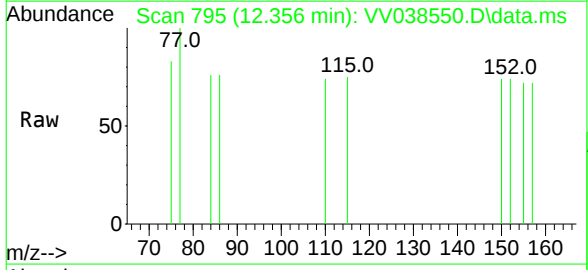
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 75    | Resp: | 97    |
| Ion      | Ratio | Lower | Upper |
| 75       | 100   |       |       |
| 110      | 36.1  | 32.7  | 49.1  |
| 77       | 34.0  | 26.3  | 39.5  |





#13  
1,2-Dibromo-3-chloropropane  
Concen: 0.048 ug/L  
RT: 12.356 min Scan# 79  
Delta R.T. -0.017 min  
Lab File: VV038550.D  
Acq: 27 Jan 2025 15:30

Instrument :  
MSVOA\_V  
ClientSampleId :  
MDL02



|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 75    | Resp: | 23    |
| Ion      | Ratio | Lower | Upper |
| 75       | 100   |       |       |
| 157      | 86.7  | 77.0  | 115.6 |
| 155      | 86.7  | 68.2  | 102.2 |

