

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\DATA\VV012725\  
 Data File : VV038546.D  
 Acq On : 27 Jan 2025 10:47  
 Operator : SY/MD  
 Sample : VSTDICV0.5  
 Misc : 25mL/MSVOA\_V/WATER  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :

Quant Time: Jan 28 08:08:12 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

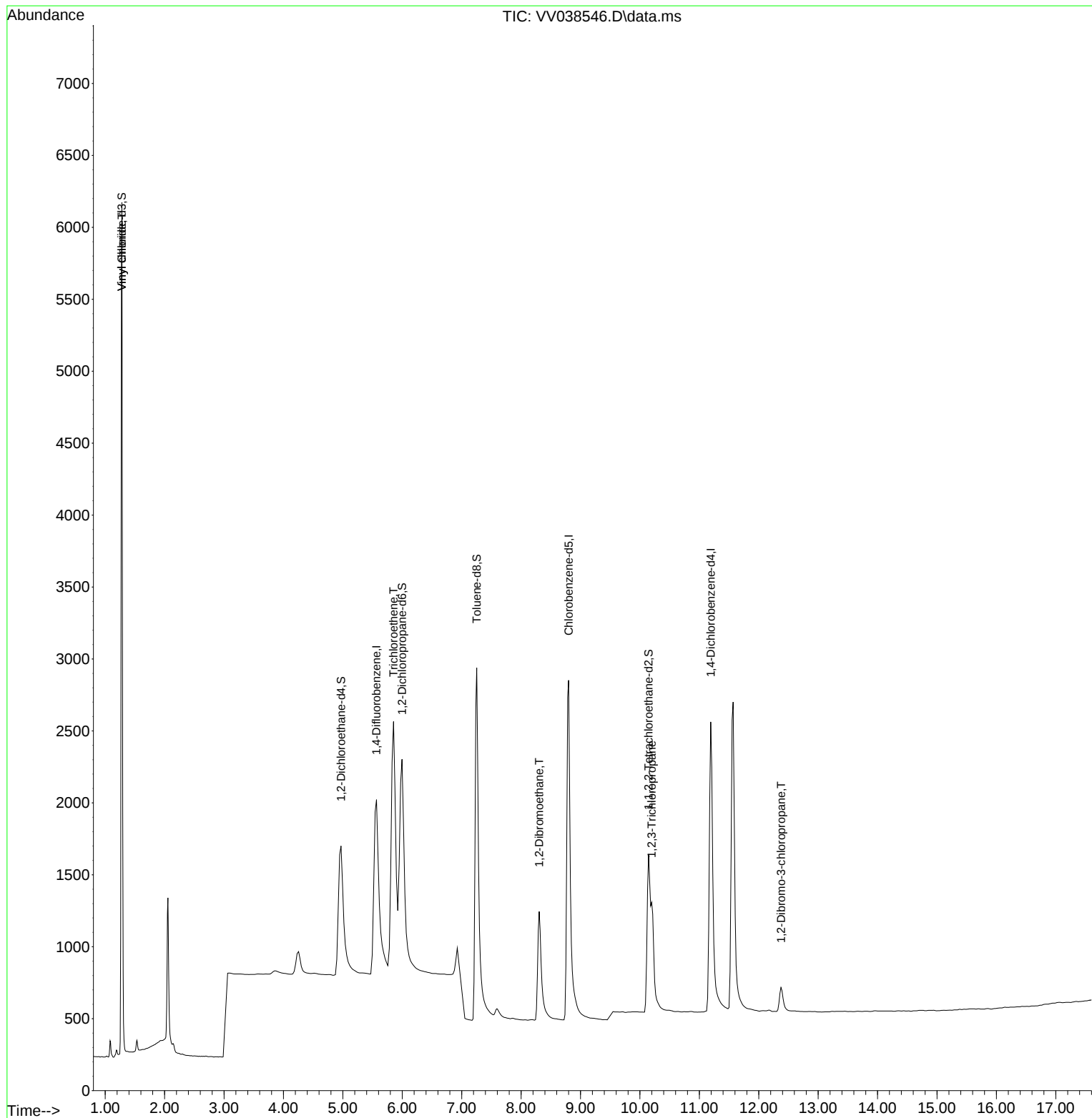
| Compound                      | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|--------|-------|----------|----------|--------|----------|
| -----                         |        |       |          |          |        |          |
| Internal Standards            |        |       |          |          |        |          |
| 1) 1,4-Difluorobenzene        | 5.566  | 114   | 5585     | 0.500    | ug/L   | 0.00     |
| 5) Chlorobenzene-d5           | 8.801  | 117   | 5427     | 0.500    | ug/L   | 0.00     |
| 11) 1,4-Dichlorobenzene-d4    | 11.192 | 152   | 2538     | 0.500    | ug/L   | 0.00     |
| System Monitoring Compounds   |        |       |          |          |        |          |
| 2) Vinyl Chloride-d3          | 1.281  | 65    | 3034     | 0.539    | ug/L   | 0.00     |
| Spiked Amount                 | 0.500  | Range | 40 - 130 | Recovery | =      | 108.000% |
| 4) 1,2-Dichloroethane-d4      | 4.970  | 65    | 2424     | 0.539    | ug/L   | 0.00     |
| Spiked Amount                 | 0.500  | Range | 70 - 130 | Recovery | =      | 108.000% |
| 7) 1,2-Dichloropropane-d6     | 5.996  | 67    | 2987     | 0.560    | ug/L   | 0.00     |
| Spiked Amount                 | 0.500  | Range | 60 - 140 | Recovery | =      | 112.000% |
| 8) Toluene-d8                 | 7.254  | 98    | 5994     | 0.561    | ug/L   | 0.00     |
| Spiked Amount                 | 0.500  | Range | 70 - 130 | Recovery | =      | 112.000% |
| 10) 1,1,2,2-Tetrachloroeth... | 10.146 | 84    | 2440     | 0.536    | ug/L   | 0.00     |
| Spiked Amount                 | 0.500  | Range | 65 - 120 | Recovery | =      | 108.000% |
| Target Compounds              |        |       |          |          |        |          |
|                               |        |       |          |          | Qvalue |          |
| 3) Vinyl chloride             | 1.281  | 62    | 3998     | 0.550    | ug/L   | 99       |
| 6) Trichloroethene            | 5.853  | 95    | 2604     | 0.581    | ug/L   | 99       |
| 9) 1,2-Dibromoethane          | 8.306  | 107   | 1712     | 0.538    | ug/L   | 100      |
| 12) 1,2,3-Trichloropropane    | 10.198 | 75    | 1536     | 0.529    | ug/L   | 97       |
| 13) 1,2-Dibromo-3-chloropr... | 12.374 | 75    | 246      | 0.538    | ug/L   | 98       |
| -----                         |        |       |          |          |        |          |

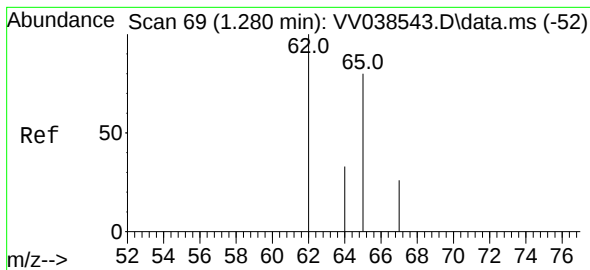
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Vinyl chloride

Concen: 0.550 ug/L

RT: 1.281 min Scan# 69

Delta R.T. 0.000 min

Lab File: VV038546.D

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Instrument :

MSVOA\_V

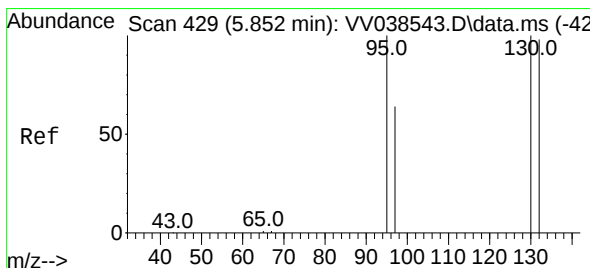
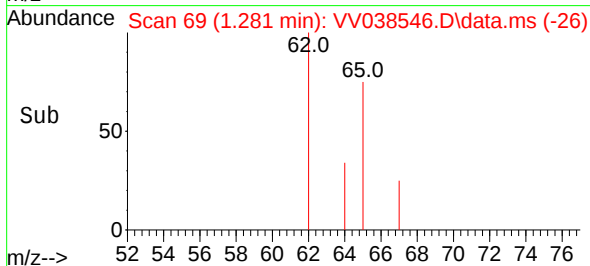
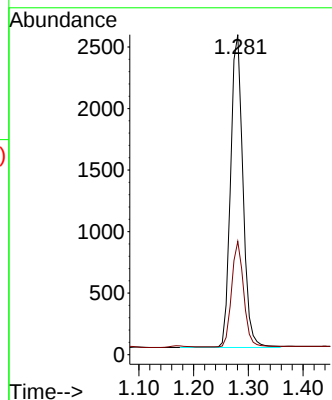
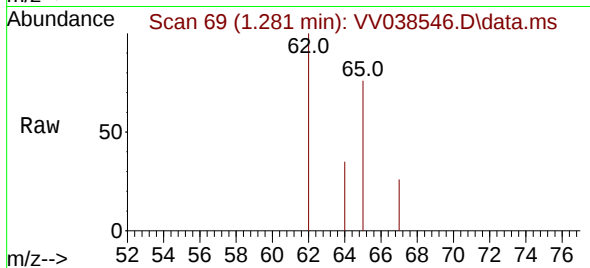
ClientSampleId :

Tgt Ion: 62 Resp: 3998

Ion Ratio Lower Upper

62 100

64 35.4 24.4 45.2



#6

Trichloroethene

Concen: 0.581 ug/L

RT: 5.853 min Scan# 429

Delta R.T. 0.000 min

Lab File: VV038546.D

Acq: 27 Jan 2025 10:47

Tgt Ion: 95 Resp: 2604

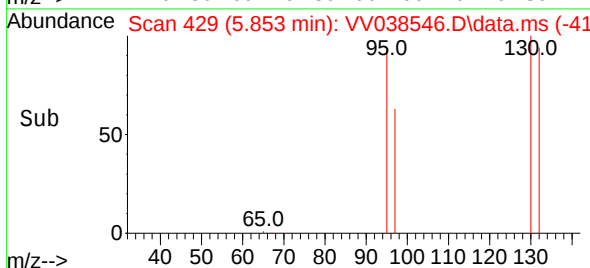
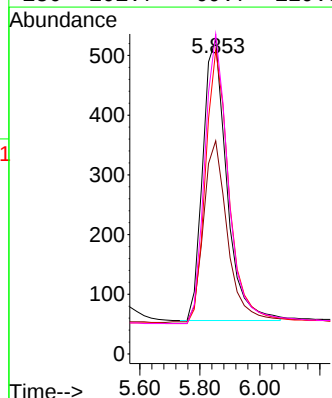
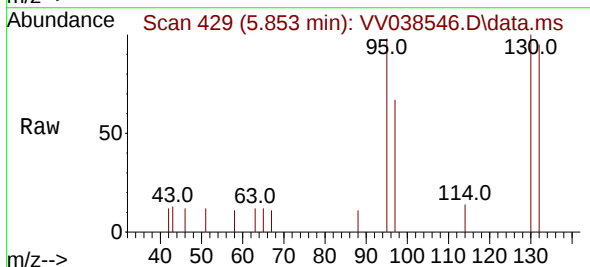
Ion Ratio Lower Upper

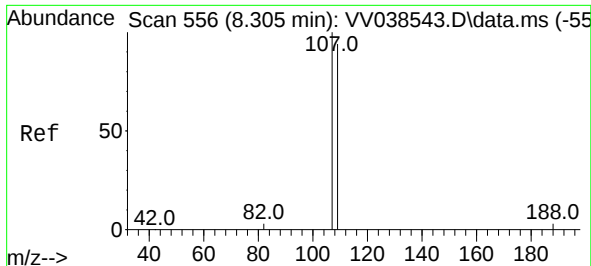
95 100

97 67.7 47.9 88.9

132 96.6 68.2 126.6

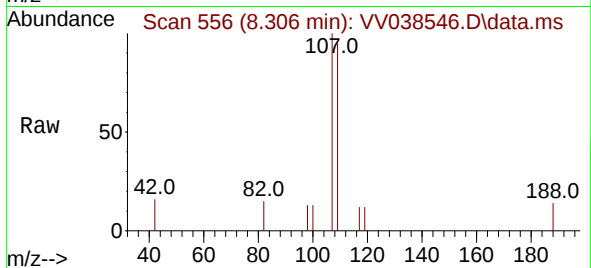
130 101.7 69.7 129.5



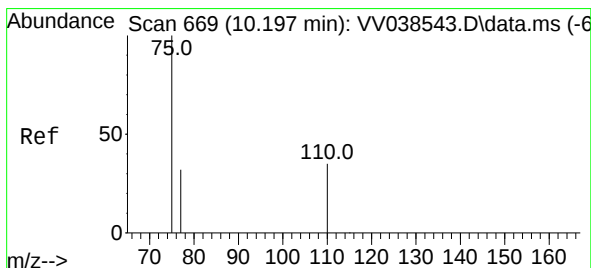
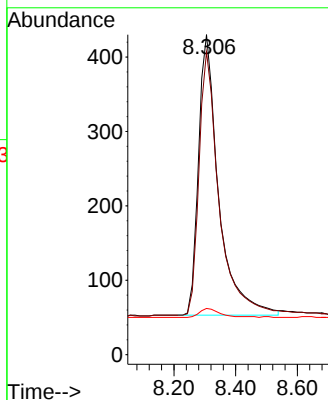
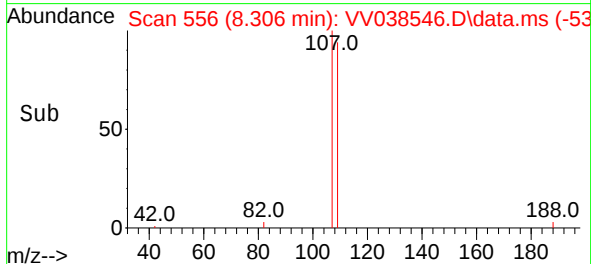


#9  
1,2-Dibromoethane  
Concen: 0.538 ug/L  
RT: 8.306 min Scan# 556  
Delta R.T. 0.000 min  
Lab File: VV038546.D  
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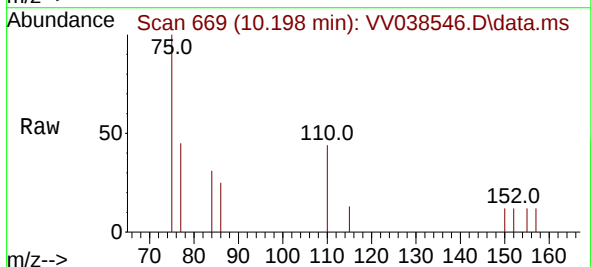
Instrument :  
MSVOA\_V  
ClientSampleId :



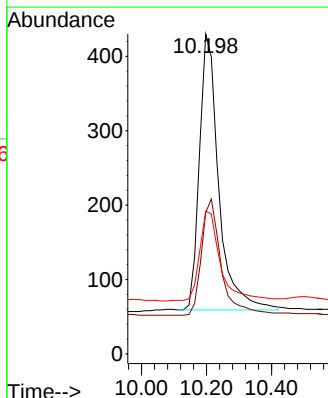
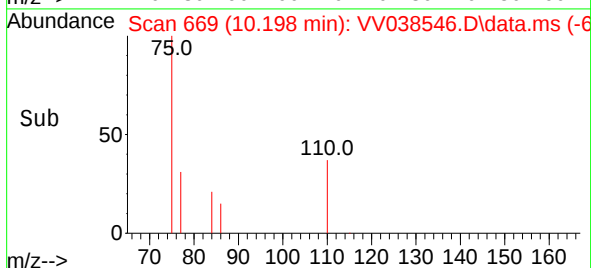
Tgt Ion:107 Resp: 1712  
Ion Ratio Lower Upper  
107 100  
109 94.7 66.3 123.1  
188 14.4 11.9 17.9

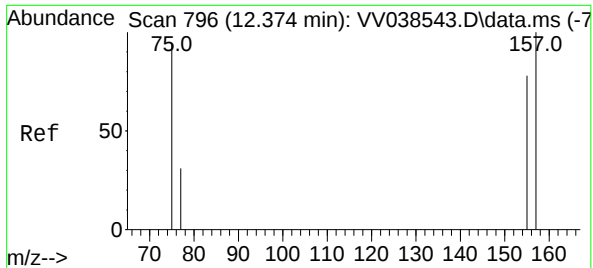


#12  
1,2,3-Trichloropropane  
Concen: 0.529 ug/L  
RT: 10.198 min Scan# 669  
Delta R.T. 0.000 min  
Lab File: VV038546.D  
Acq: 27 Jan 2025 10:47



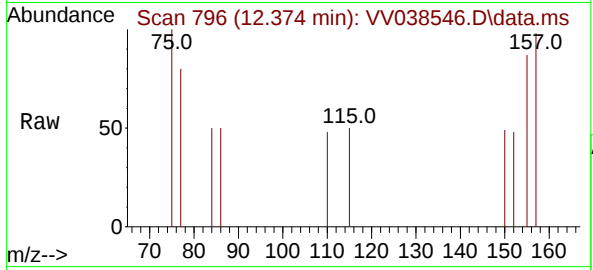
Tgt Ion: 75 Resp: 1536  
Ion Ratio Lower Upper  
75 100  
110 42.5 32.7 49.1  
77 35.2 26.3 39.5





#13  
 1,2-Dibromo-3-chloropropane  
 Concen: 0.538 ug/L  
 RT: 12.374 min Scan# 796  
 Delta R.T. 0.000 min  
 Lab File: VV038546.D  
 Acq: 27 Jan 2025 10:47

Instrument :  
 MSVOA\_V  
 ClientSampleId :



Tgt Ion: 75 Resp: 246

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 75  | 100   |       |       |
| 157 | 98.2  | 77.0  | 115.6 |
| 155 | 87.2  | 68.2  | 102.2 |

