

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU012225\  
 Data File : VU062958.D  
 Acq On : 22 Jan 2025 12:16  
 Operator : MD/SY  
 Sample : Q1086-11DL 200X  
 Misc : 25mL/MSVOA\_U/WATER  
 ALS Vial : 8 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 C0AE6DL

Quant Time: Jan 23 00:44:47 2025  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\SFAMUTR010225WMA.M  
 Quant Title : TRACE VOA SFAM1.0  
 QLast Update : Thu Jan 23 00:43:08 2025  
 Response via : Initial Calibration

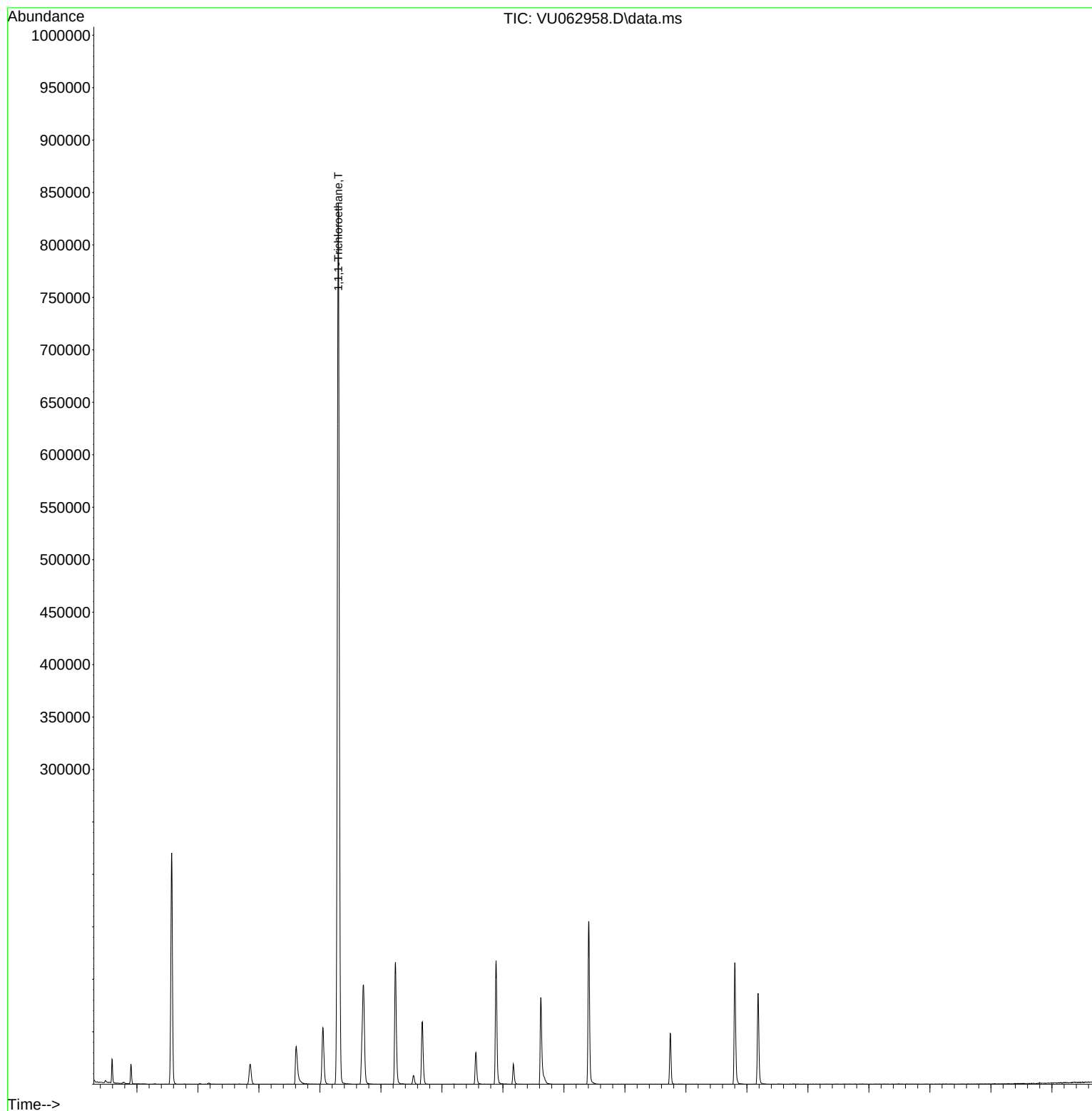
| Compound                      | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|--------|-------|----------|----------|--------|----------|
| -----                         |        |       |          |          |        |          |
| Internal Standards            |        |       |          |          |        |          |
| 1) 1,4-Difluorobenzene        | 6.238  | 114   | 94284    | 5.000    | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 9.409  | 117   | 88122    | 5.000    | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.804 | 152   | 35378    | 5.000    | ug/L   | 0.00     |
|                               |        |       |          |          |        |          |
| System Monitoring Compounds   |        |       |          |          |        |          |
| 4) Vinyl Chloride-d3          | 1.592  | 65    | 15468    | 2.962    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 40 - 130 | Recovery | =      | 59.200%  |
| 7) Chloroethane-d5            | 1.901  | 69    | 13180    | 3.138    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 65 - 130 | Recovery | =      | 62.800%# |
| 11) 1,1-Dichloroethene-d2     | 2.560  | 65    | 10433    | 3.857    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 60 - 125 | Recovery | =      | 77.200%  |
| 20) 2-Butanone-d5             | 4.611  | 46    | 53825    | 50.434   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 40 - 130 | Recovery | =      | 100.860% |
| 24) Chloroform-d              | 5.049  | 84    | 52568    | 4.092    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =      | 81.800%  |
| 26) 1,2-Dichloroethane-d4     | 5.689  | 65    | 31324    | 4.495    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =      | 90.000%  |
| 32) Benzene-d6                | 5.714  | 84    | 90583    | 4.205    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =      | 84.200%  |
| 36) 1,2-Dichloropropane-d6    | 6.676  | 67    | 26281    | 4.400    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 60 - 140 | Recovery | =      | 88.000%  |
| 41) Toluene-d8                | 7.888  | 98    | 82261    | 3.920    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =      | 78.400%  |
| 43) trans-1,3-Dichloroprop... | 8.171  | 79    | 11979    | 4.024    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 55 - 130 | Recovery | =      | 80.400%  |
| 46) 2-Hexanone-d5             | 8.621  | 63    | 27843    | 29.736   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 45 - 130 | Recovery | =      | 59.480%  |
| 56) 1,1,2,2-Tetrachloroeth... | 10.743 | 84    | 22627    | 4.524    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 65 - 120 | Recovery | =      | 90.400%  |
| 66) 1,2-Dichlorobenzene-d4    | 12.184 | 152   | 26138    | 4.441    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 80 - 120 | Recovery | =      | 88.800%  |
|                               |        |       |          |          |        |          |
| Target Compounds              |        |       |          |          | Qvalue |          |
| 12) 1,1-Dichloroethene        | 2.570  | 96    | 65797    | 11.242   | ug/L   | 87       |
| 19) 1,1-Dichloroethane        | 3.859  | 63    | 23001    | 2.052    | ug/L   | 99       |
| 29) 1,1,1-Trichloroethane     | 5.303  | 97    | 645166   | 48.266   | ug/L   | 99       |
| 34) Trichloroethene           | 6.541  | 95    | 3328     | 0.385    | ug/L   | 82       |
| -----                         |        |       |          |          |        |          |

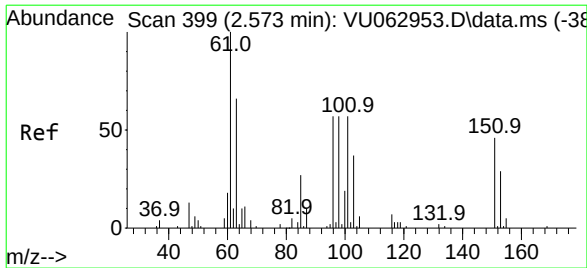
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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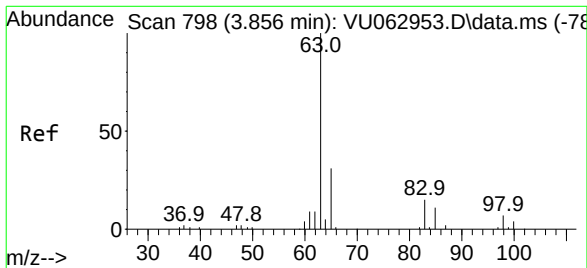
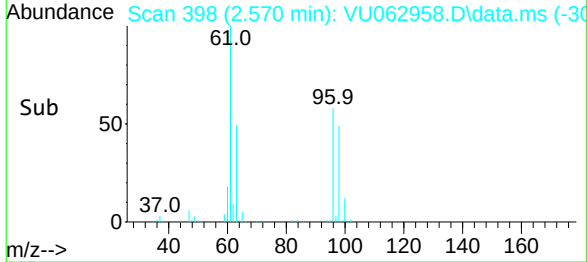
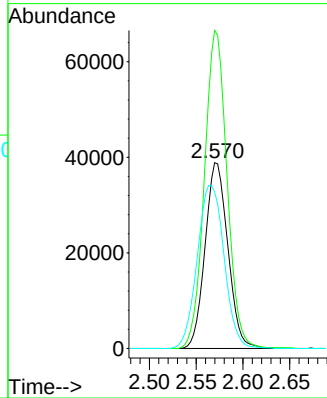
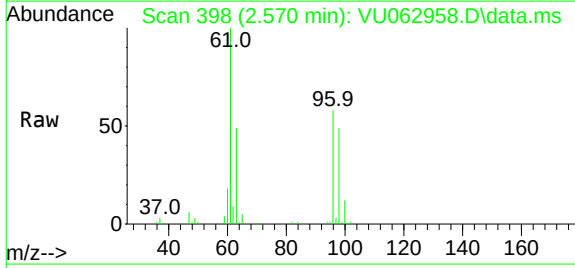




#12  
1,1-Dichloroethene  
Concen: 11.242 ug/L  
RT: 2.570 min Scan# 399  
Delta R.T. -0.003 min  
Lab File: VU062958.D  
Acq: 22 Jan 2025 12:16

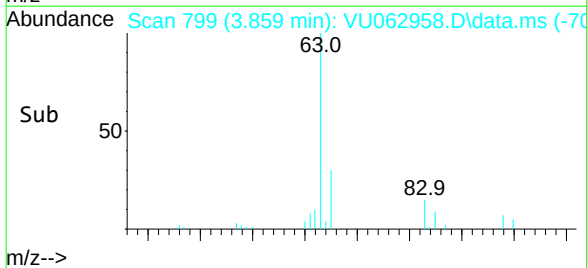
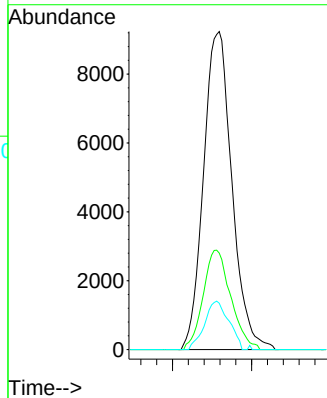
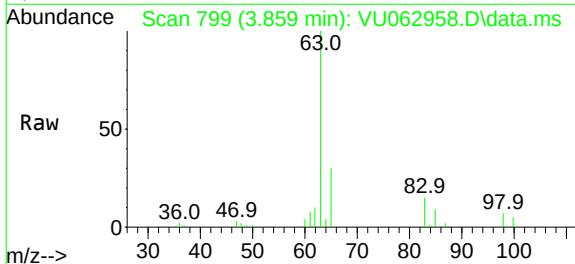
Instrument :  
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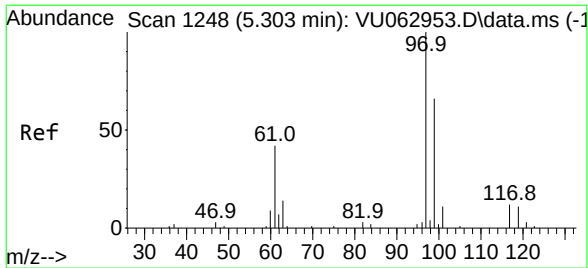
Tgt Ion: 96 Resp: 65797  
Ion Ratio Lower Upper  
96 100  
61 171.2 120.4 223.6  
63 84.2 82.3 152.9



#19  
1,1-Dichloroethane  
Concen: 2.052 ug/L  
RT: 3.859 min Scan# 799  
Delta R.T. 0.003 min  
Lab File: VU062958.D  
Acq: 22 Jan 2025 12:16

Tgt Ion: 63 Resp: 23001  
Ion Ratio Lower Upper  
63 100  
65 30.3 20.7 38.5  
83 14.6 10.5 19.5

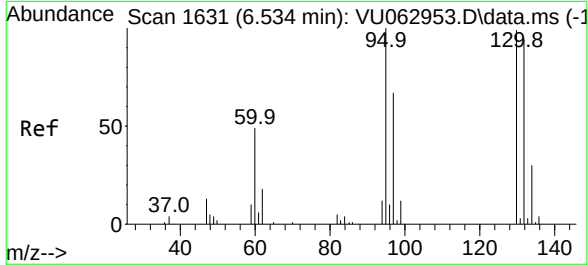
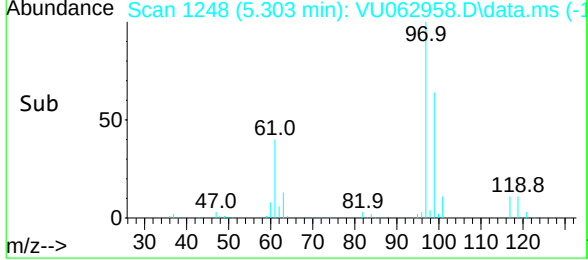
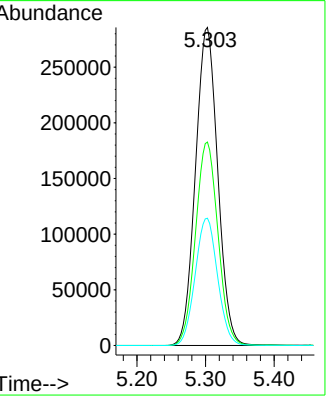
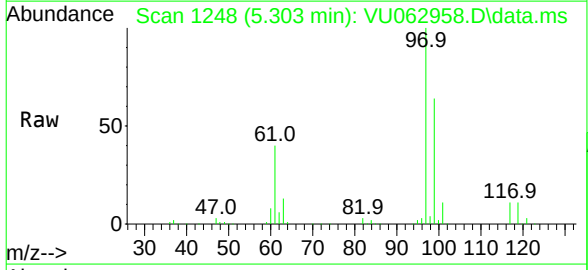




#29  
 1,1,1-Trichloroethane  
 Concen: 48.266 ug/L  
 RT: 5.303 min Scan# 12  
 Delta R.T. 0.000 min  
 Lab File: VU062958.D  
 Acq: 22 Jan 2025 12:16

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|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 97    | Resp: | 645166 |
| Ion      | Ratio | Lower | Upper  |
| 97       | 100   |       |        |
| 99       | 64.5  | 52.4  | 78.6   |
| 61       | 40.4  | 32.2  | 48.4   |



#34  
 Trichloroethene  
 Concen: 0.385 ug/L  
 RT: 6.541 min Scan# 1633  
 Delta R.T. 0.006 min  
 Lab File: VU062958.D  
 Acq: 22 Jan 2025 12:16

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 95    | Resp: | 3328  |
| Ion      | Ratio | Lower | Upper |
| 95       | 100   |       |       |
| 97       | 50.8  | 47.5  | 88.3  |
| 132      | 81.1  | 66.9  | 124.3 |
| 130      | 79.5  | 68.6  | 127.4 |

