

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU011725\  
 Data File : VU062879.D  
 Acq On : 17 Jan 2025 18:14  
 Operator : MD/SY  
 Sample : Q1071-15DL 5X  
 Misc : 25mL/MSVOA\_U/WATER  
 ALS Vial : 24 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 GCQ79DL

Quant Time: Jan 17 22:01:53 2025  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\SFAMUTR010225WMA.M  
 Quant Title : TRACE VOA SFAM1.0  
 QLast Update : Fri Jan 17 21:53:56 2025  
 Response via : Initial Calibration

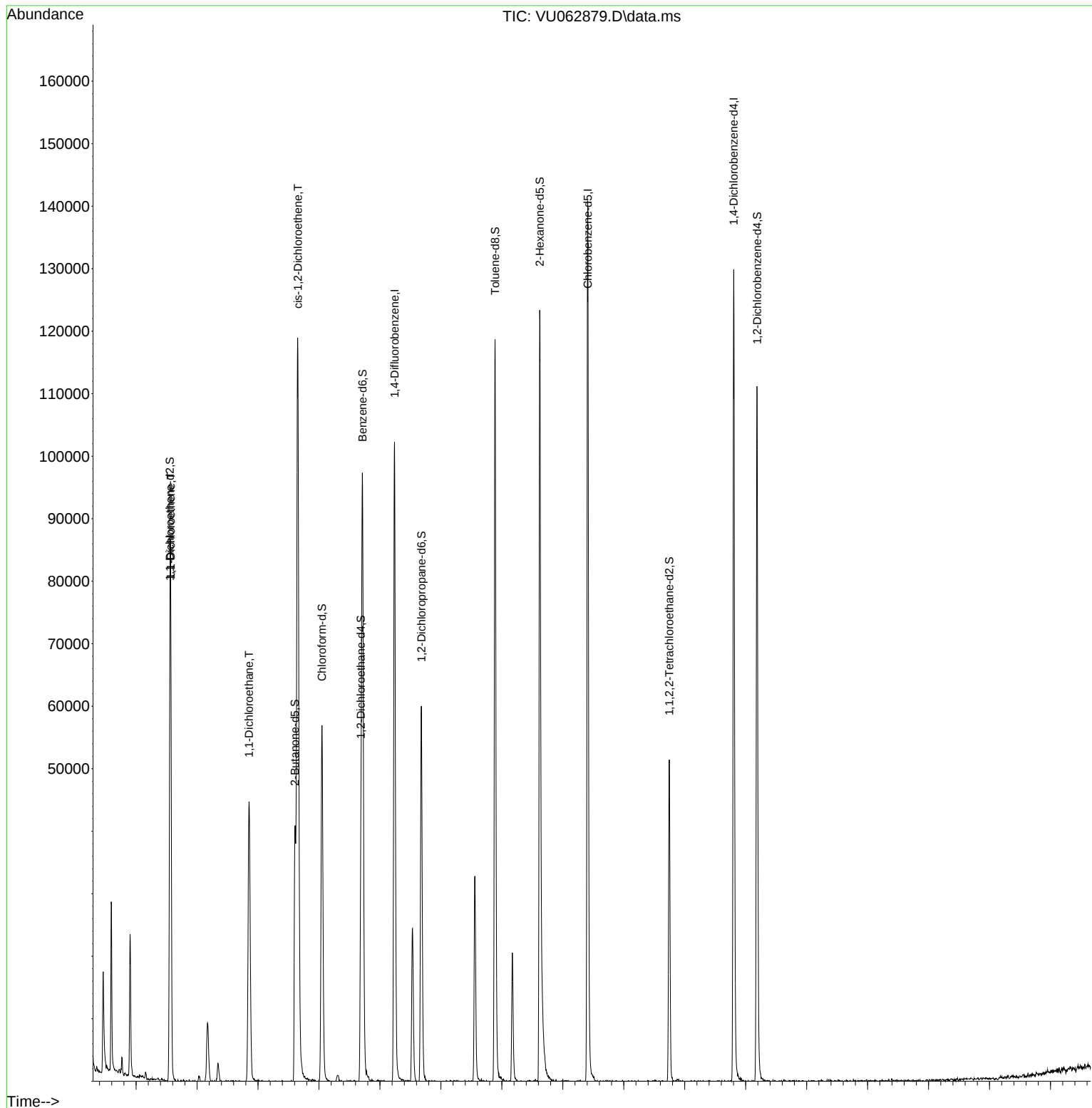
| Compound                      | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|--------|-------|----------|----------|--------|----------|
| -----                         |        |       |          |          |        |          |
| Internal Standards            |        |       |          |          |        |          |
| 1) 1,4-Difluorobenzene        | 6.239  | 114   | 84130    | 5.000    | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 9.409  | 117   | 80308    | 5.000    | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.804 | 152   | 37181    | 5.000    | ug/L   | 0.00     |
|                               |        |       |          |          |        |          |
| System Monitoring Compounds   |        |       |          |          |        |          |
| 4) Vinyl Chloride-d3          | 1.592  | 65    | 17403    | 3.735    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 40 - 130 | Recovery | =      | 74.600%  |
| 7) Chloroethane-d5            | 1.901  | 69    | 16361    | 4.365    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 65 - 130 | Recovery | =      | 87.400%  |
| 11) 1,1-Dichloroethene-d2     | 2.554  | 65    | 9864     | 4.086    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 60 - 125 | Recovery | =      | 81.800%  |
| 20) 2-Butanone-d5             | 4.605  | 46    | 54108    | 56.818   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 40 - 130 | Recovery | =      | 113.640% |
| 24) Chloroform-d              | 5.049  | 84    | 55137    | 4.810    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =      | 96.200%  |
| 26) 1,2-Dichloroethane-d4     | 5.689  | 65    | 32908    | 5.292    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =      | 105.800% |
| 32) Benzene-d6                | 5.714  | 84    | 88798    | 4.523    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =      | 90.400%  |
| 36) 1,2-Dichloropropane-d6    | 6.679  | 67    | 26063    | 4.788    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 60 - 140 | Recovery | =      | 95.800%  |
| 41) Toluene-d8                | 7.888  | 98    | 80644    | 4.217    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =      | 84.400%  |
| 43) trans-1,3-Dichloroprop... | 8.171  | 79    | 12260    | 4.519    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 55 - 130 | Recovery | =      | 90.400%  |
| 46) 2-Hexanone-d5             | 8.621  | 63    | 43478    | 50.953   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 45 - 130 | Recovery | =      | 101.900% |
| 56) 1,1,2,2-Tetrachloroeth... | 10.746 | 84    | 24205    | 5.310    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 65 - 120 | Recovery | =      | 106.200% |
| 66) 1,2-Dichlorobenzene-d4    | 12.187 | 152   | 31595    | 5.108    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 80 - 120 | Recovery | =      | 102.200% |
|                               |        |       |          |          |        |          |
| Target Compounds              |        |       |          |          | Qvalue |          |
| 12) 1,1-Dichloroethene        | 2.570  | 96    | 18718    | 3.584    | ug/L   | 96       |
| 18) trans-1,2-Dichloroethene  | 3.345  | 96    | 1437     | 0.257    | ug/L   | 88       |
| 19) 1,1-Dichloroethane        | 3.853  | 63    | 50351    | 5.033    | ug/L   | 97       |
| 22) cis-1,2-Dichloroethene    | 4.653  | 96    | 63339    | 10.395   | ug/L   | 97       |
| 34) Trichloroethene           | 6.531  | 95    | 8838     | 1.121    | ug/L   | 95       |
| -----                         |        |       |          |          |        |          |

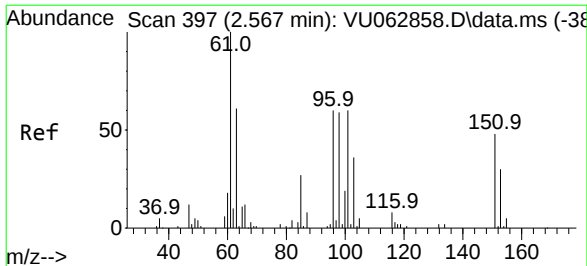
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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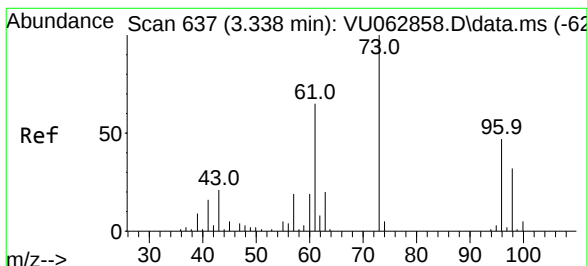
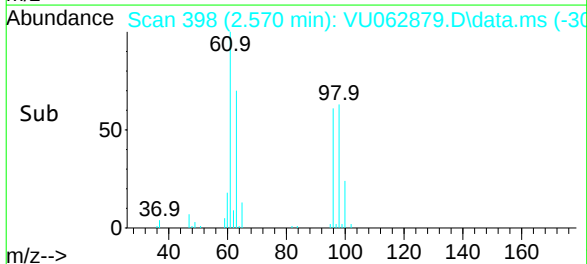
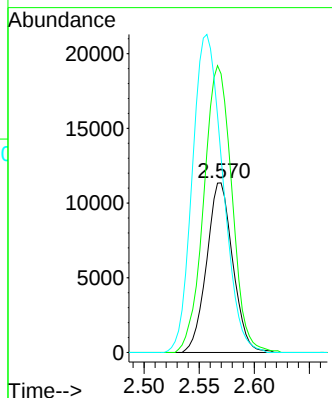
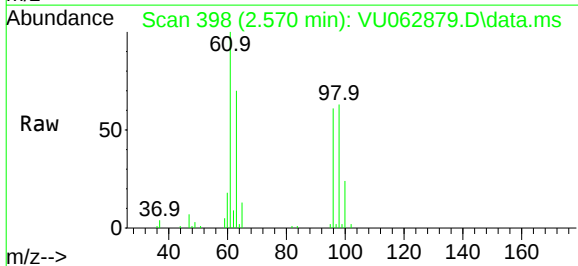




#12  
1,1-Dichloroethene  
Concen: 3.584 ug/L  
RT: 2.570 min Scan# 397  
Delta R.T. 0.003 min  
Lab File: VU062879.D  
Acq: 17 Jan 2025 18:14

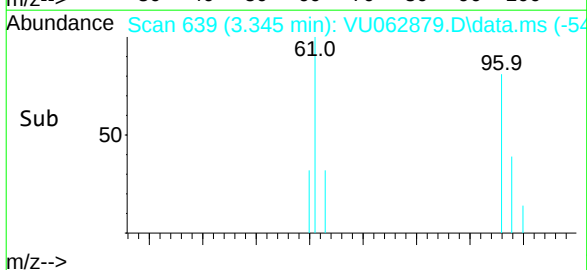
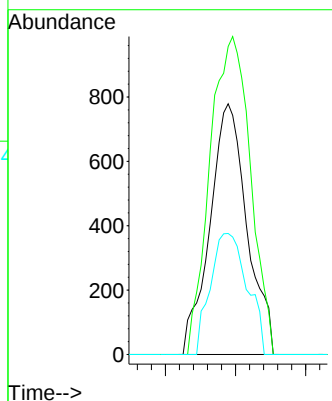
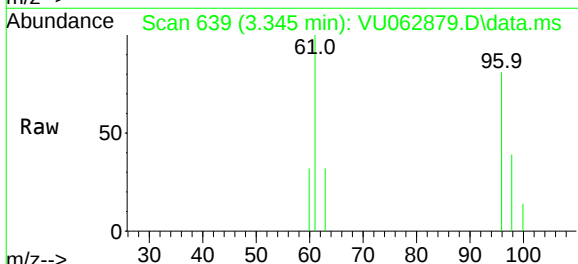
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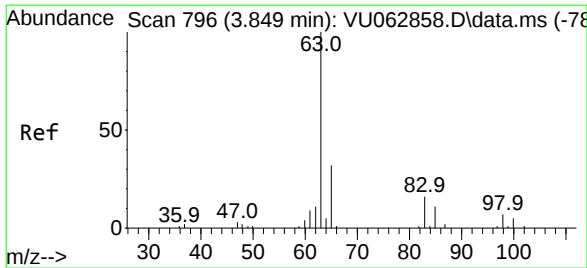
Tgt Ion: 96 Resp: 18718  
Ion Ratio Lower Upper  
96 100  
61 164.3 120.4 223.6  
63 115.2 82.3 152.9



#18  
trans-1,2-Dichloroethene  
Concen: 0.257 ug/L  
RT: 3.345 min Scan# 639  
Delta R.T. 0.007 min  
Lab File: VU062879.D  
Acq: 17 Jan 2025 18:14

Tgt Ion: 96 Resp: 1437  
Ion Ratio Lower Upper  
96 100  
61 122.8 94.4 175.2  
98 48.3 42.8 79.4

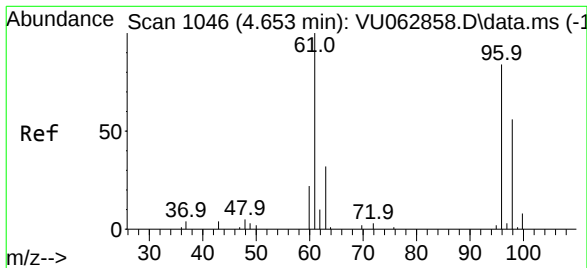
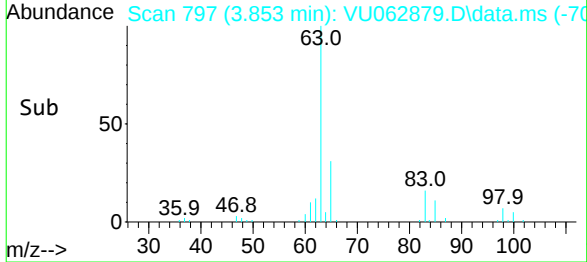
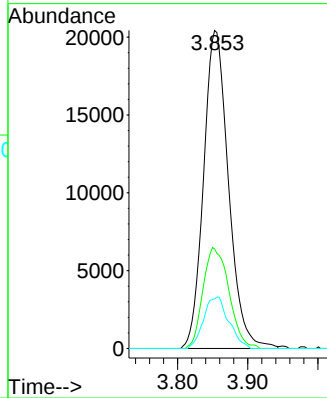
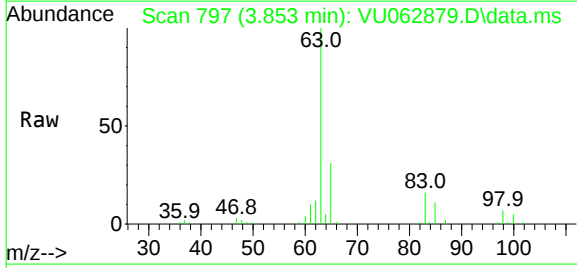




#19  
1,1-Dichloroethane  
Concen: 5.033 ug/L  
RT: 3.853 min Scan# 796  
Delta R.T. 0.003 min  
Lab File: VU062879.D  
Acq: 17 Jan 2025 18:14

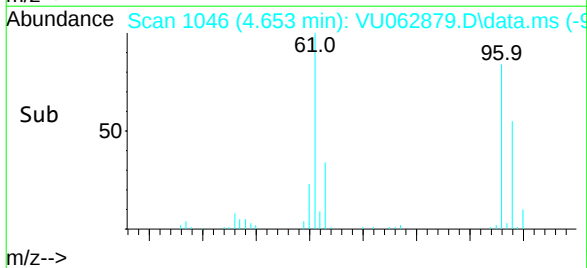
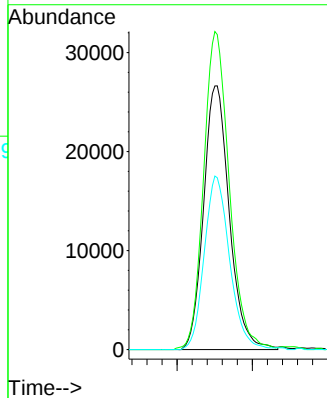
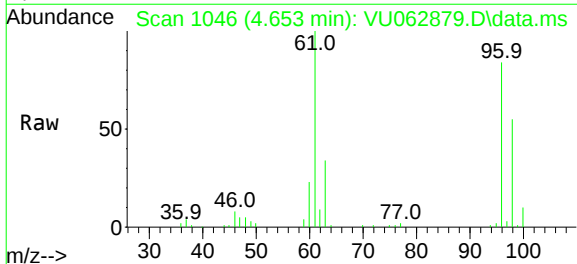
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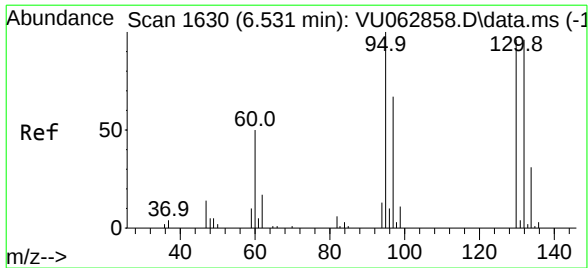
|             |             |
|-------------|-------------|
| Tgt Ion: 63 | Resp: 50351 |
| Ion Ratio   | Lower Upper |
| 63 100      |             |
| 65 31.3     | 20.7 38.5   |
| 83 15.6     | 10.5 19.5   |



#22  
cis-1,2-Dichloroethene  
Concen: 10.395 ug/L  
RT: 4.653 min Scan# 1046  
Delta R.T. 0.000 min  
Lab File: VU062879.D  
Acq: 17 Jan 2025 18:14

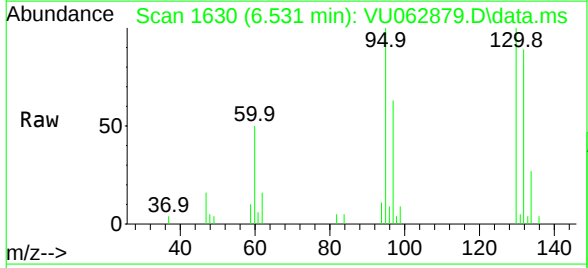
|             |             |
|-------------|-------------|
| Tgt Ion: 96 | Resp: 63339 |
| Ion Ratio   | Lower Upper |
| 96 100      |             |
| 61 119.5    | 84.8 157.6  |
| 98 65.2     | 43.1 80.1   |





#34  
 Trichloroethene  
 Concen: 1.121 ug/L  
 RT: 6.531 min Scan# 16  
 Delta R.T. 0.000 min  
 Lab File: VU062879.D  
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Tgt Ion: 95 Resp: 8838

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 95  | 100   |       |       |
| 97  | 62.5  | 47.5  | 88.3  |
| 132 | 88.7  | 66.9  | 124.3 |
| 130 | 99.8  | 68.6  | 127.4 |

