

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU012025\  
 Data File : VU062910.D  
 Acq On : 20 Jan 2025 11:30  
 Operator : MD/SY  
 Sample : Q1086-13DL 5X  
 Misc : 25mL/MSVOA\_U/WATER  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 C0AF1DL

Quant Time: Jan 21 02:40:08 2025  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\SFAMUTR010225WMA.M  
 Quant Title : TRACE VOA SFAM1.0  
 QLast Update : Tue Jan 21 02:39:03 2025  
 Response via : Initial Calibration

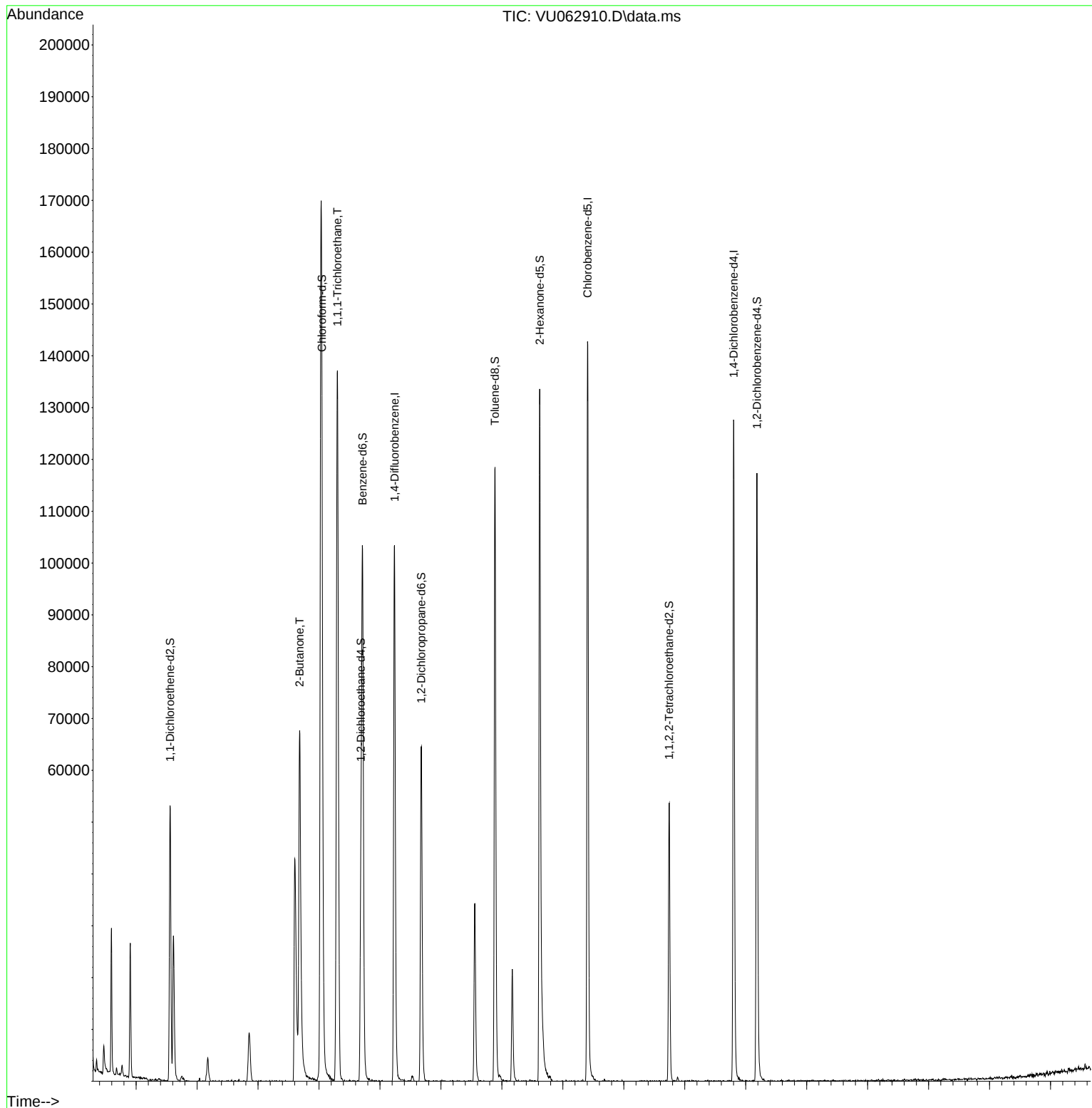
| Compound                      | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|--------|-------|----------|----------|--------|----------|
| -----                         |        |       |          |          |        |          |
| Internal Standards            |        |       |          |          |        |          |
| 1) 1,4-Difluorobenzene        | 6.238  | 114   | 86077    | 5.000    | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 9.405  | 117   | 79885    | 5.000    | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.804 | 152   | 37665    | 5.000    | ug/L   | 0.00     |
|                               |        |       |          |          |        |          |
| System Monitoring Compounds   |        |       |          |          |        |          |
| 4) Vinyl Chloride-d3          | 1.592  | 65    | 18980    | 3.981    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 40 - 130 | Recovery | =      | 79.600%  |
| 7) Chloroethane-d5            | 1.904  | 69    | 18266    | 4.763    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 65 - 130 | Recovery | =      | 95.200%  |
| 11) 1,1-Dichloroethene-d2     | 2.557  | 65    | 9660     | 3.911    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 60 - 125 | Recovery | =      | 78.200%  |
| 20) 2-Butanone-d5             | 4.602  | 46    | 61502    | 63.122   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 40 - 130 | Recovery | =      | 126.240% |
| 24) Chloroform-d              | 5.049  | 84    | 60479    | 5.156    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =      | 103.200% |
| 26) 1,2-Dichloroethane-d4     | 5.689  | 65    | 34245    | 5.383    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =      | 107.600% |
| 32) Benzene-d6                | 5.714  | 84    | 97031    | 4.969    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =      | 99.400%  |
| 36) 1,2-Dichloropropane-d6    | 6.676  | 67    | 28485    | 5.261    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 60 - 140 | Recovery | =      | 105.200% |
| 41) Toluene-d8                | 7.885  | 98    | 81200    | 4.268    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =      | 85.400%  |
| 43) trans-1,3-Dichloroprop... | 8.171  | 79    | 13725    | 5.086    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 55 - 130 | Recovery | =      | 101.800% |
| 46) 2-Hexanone-d5             | 8.621  | 63    | 45346    | 53.423   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 45 - 130 | Recovery | =      | 106.840% |
| 56) 1,1,2,2-Tetrachloroeth... | 10.743 | 84    | 25415    | 5.605    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 65 - 120 | Recovery | =      | 112.200% |
| 66) 1,2-Dichlorobenzene-d4    | 12.183 | 152   | 33914    | 5.412    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 80 - 120 | Recovery | =      | 108.200% |
|                               |        |       |          |          |        |          |
| Target Compounds              |        |       |          |          |        |          |
| 12) 1,1-Dichloroethene        | 2.566  | 96    | 1342     | 0.251    | ug/L # | 1        |
| 13) Acetone                   | 2.611  | 43    | 32420    | 42.003   | ug/L   | 96       |
| 19) 1,1-Dichloroethane        | 3.856  | 63    | 11639    | 1.137    | ug/L   | 97       |
| 21) 2-Butanone                | 4.682  | 43    | 91526    | 89.037   | ug/L   | 99       |
| 29) 1,1,1-Trichloroethane     | 5.303  | 97    | 105589   | 8.714    | ug/L   | 99       |
| -----                         |        |       |          |          |        |          |

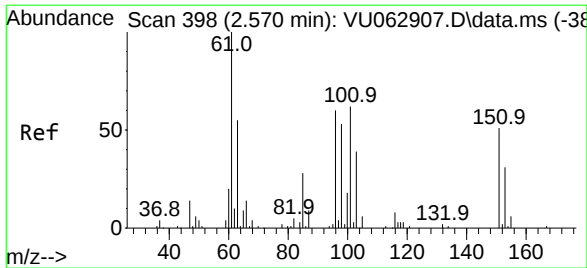
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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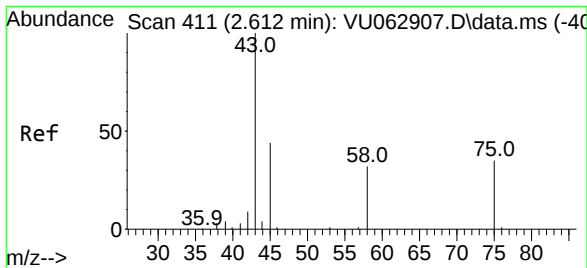
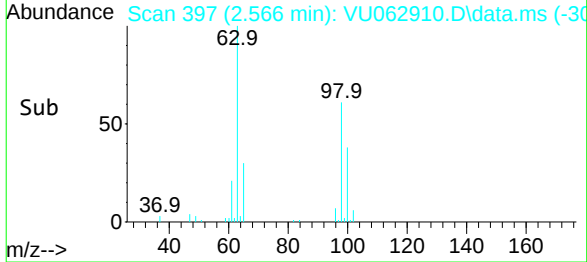
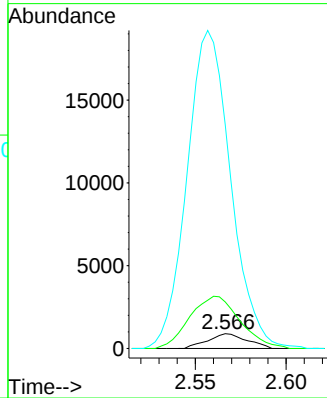
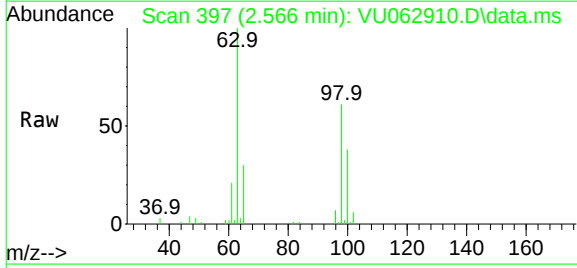




#12  
1,1-Dichloroethene  
Concen: 0.251 ug/L  
RT: 2.566 min Scan# 39  
Delta R.T. -0.003 min  
Lab File: VU062910.D  
Acq: 20 Jan 2025 11:30

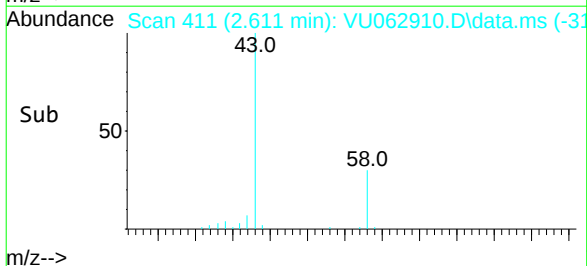
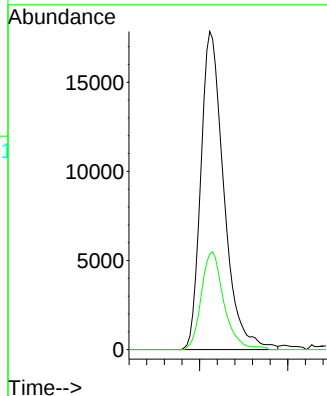
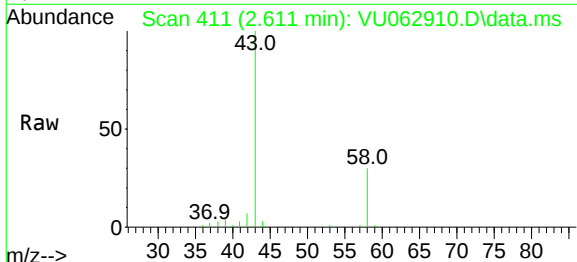
Instrument :  
MSVOA\_U  
ClientSampleId :  
C0AF1DL

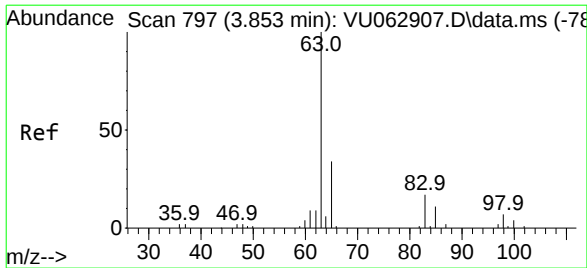
Tgt Ion: 96 Resp: 1342  
Ion Ratio Lower Upper  
96 100  
61 314.8 120.4 223.6#  
63 1512.7 82.3 152.9#



#13  
Acetone  
Concen: 42.003 ug/L  
RT: 2.611 min Scan# 411  
Delta R.T. -0.000 min  
Lab File: VU062910.D  
Acq: 20 Jan 2025 11:30

Tgt Ion: 43 Resp: 32420  
Ion Ratio Lower Upper  
43 100  
58 30.1 0.0 64.4

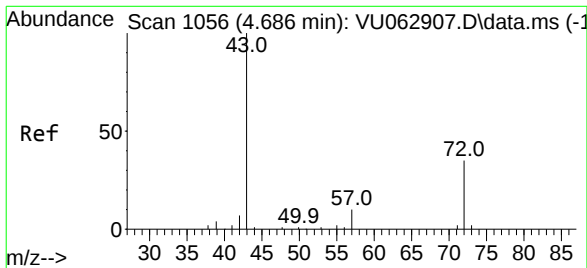
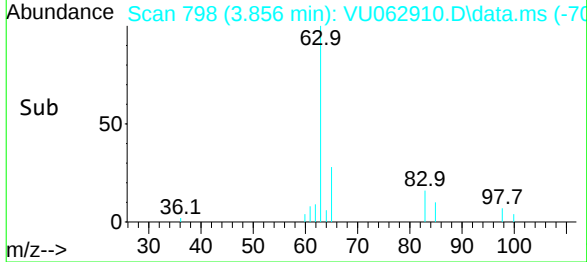
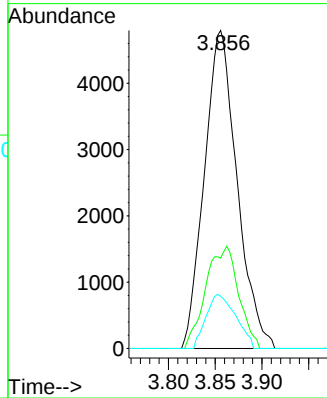
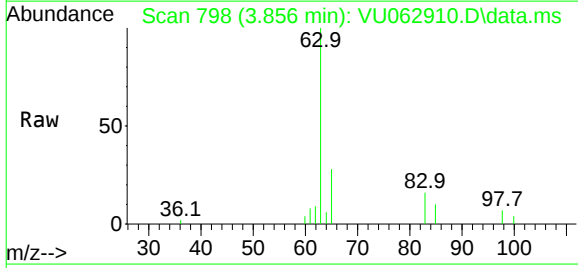




#19  
1,1-Dichloroethane  
Concen: 1.137 ug/L  
RT: 3.856 min Scan# 797  
Delta R.T. 0.003 min  
Lab File: VU062910.D  
Acq: 20 Jan 2025 11:30

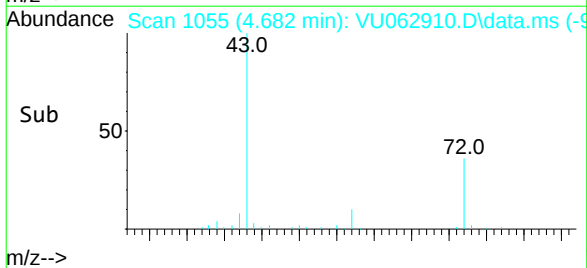
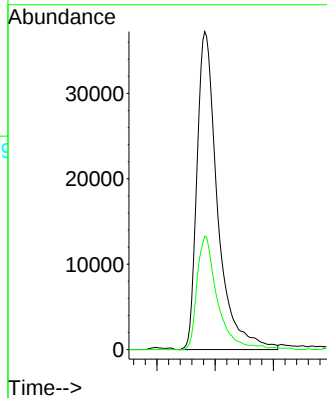
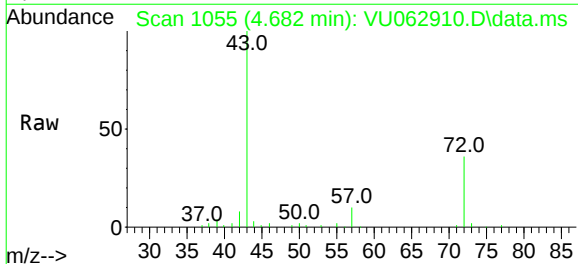
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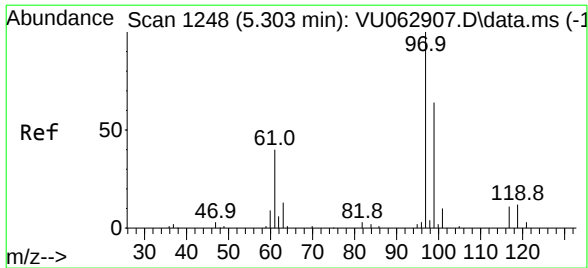
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 63    | Resp: | 11639 |
| Ion      | Ratio | Lower | Upper |
| 63       | 100   |       |       |
| 65       | 28.4  | 20.7  | 38.5  |
| 83       | 16.4  | 10.5  | 19.5  |



#21  
2-Butanone  
Concen: 89.037 ug/L  
RT: 4.682 min Scan# 1055  
Delta R.T. -0.003 min  
Lab File: VU062910.D  
Acq: 20 Jan 2025 11:30

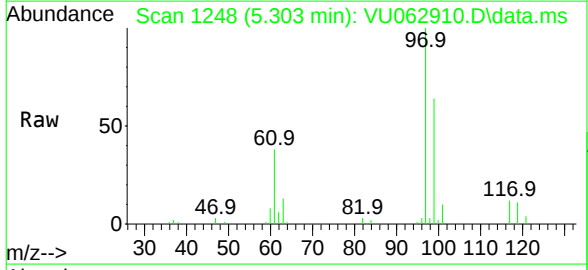
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 43    | Resp: | 91526 |
| Ion      | Ratio | Lower | Upper |
| 43       | 100   |       |       |
| 72       | 34.7  | 17.1  | 51.2  |





1,1,1-Trichloroethane  
Concen: 8.714 ug/L  
RT: 5.303 min Scan# 12  
Delta R.T. -0.000 min  
Lab File: VU062910.D  
Acq: 20 Jan 2025 11:30

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MSVOA\_U  
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|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 97    | Resp: | 105589 |
| Ion      | Ratio | Lower | Upper  |
| 97       | 100   |       |        |
| 99       | 64.7  | 52.4  | 78.6   |
| 61       | 39.5  | 32.2  | 48.4   |

