

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU012025\  
 Data File : VU062920.D  
 Acq On : 20 Jan 2025 15:30  
 Operator : MD/SY  
 Sample : Q1086-12DL 20X  
 Misc : 25mL/MSVOA\_U/WATER  
 ALS Vial : 16 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 COAFODL

Quant Time: Jan 21 02:42:28 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

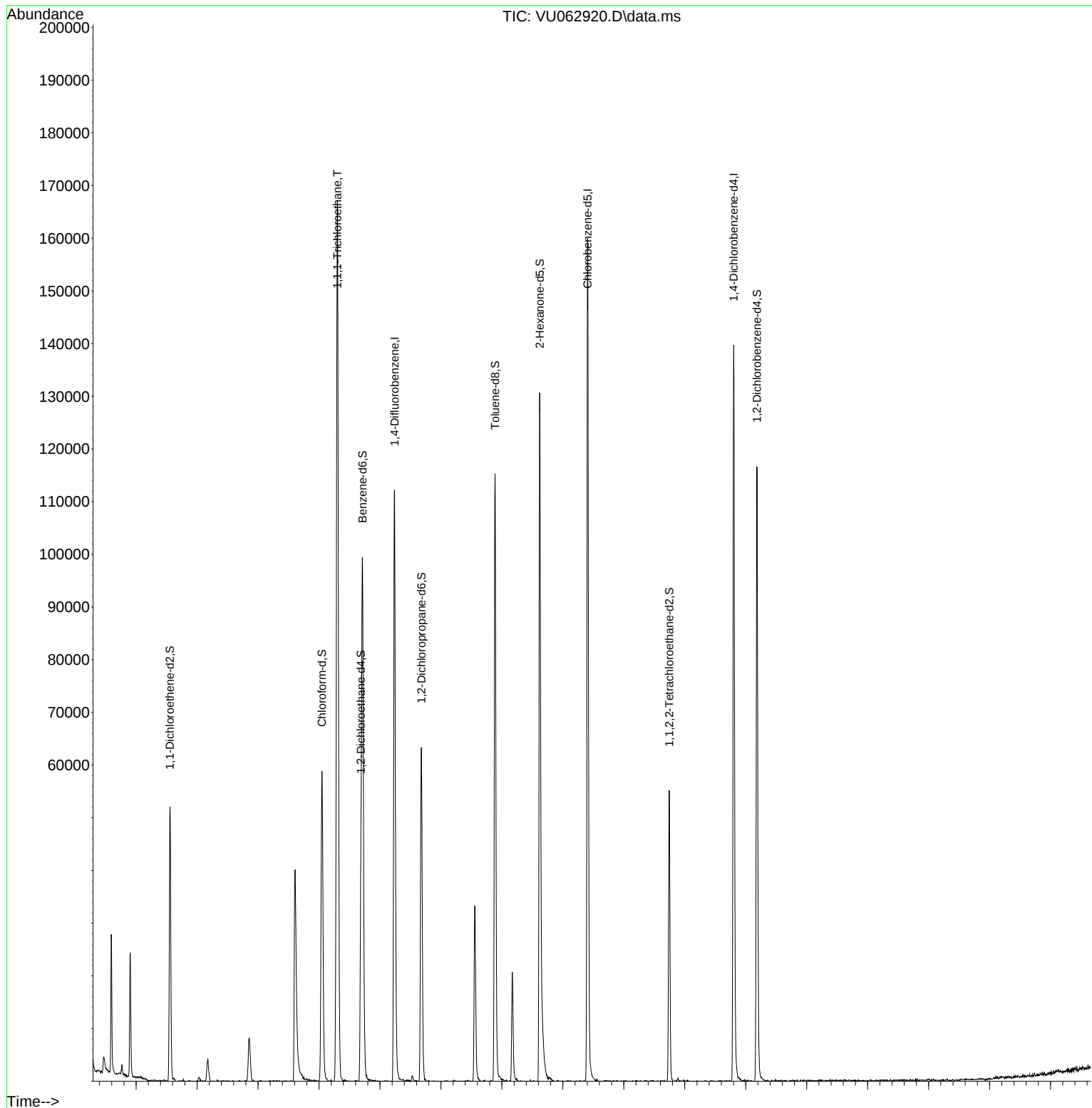
| Compound                      | R.T.   | QIon  | Response | Conc     | Units | Dev(Min) |
|-------------------------------|--------|-------|----------|----------|-------|----------|
| -----                         |        |       |          |          |       |          |
| Internal Standards            |        |       |          |          |       |          |
| 1) 1,4-Difluorobenzene        | 6.238  | 114   | 92816    | 5.000    | ug/L  | 0.00     |
| 28) Chlorobenzene-d5          | 9.405  | 117   | 88970    | 5.000    | ug/L  | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.804 | 152   | 41748    | 5.000    | ug/L  | 0.00     |
|                               |        |       |          |          |       |          |
| System Monitoring Compounds   |        |       |          |          |       |          |
| 4) Vinyl Chloride-d3          | 1.592  | 65    | 17793    | 3.461    | ug/L  | 0.00     |
| Spiked Amount                 | 5.000  | Range | 40 - 130 | Recovery | =     | 69.200%  |
| 7) Chloroethane-d5            | 1.904  | 69    | 17057    | 4.125    | ug/L  | 0.00     |
| Spiked Amount                 | 5.000  | Range | 65 - 130 | Recovery | =     | 82.400%  |
| 11) 1,1-Dichloroethene-d2     | 2.554  | 65    | 9824     | 3.689    | ug/L  | 0.00     |
| Spiked Amount                 | 5.000  | Range | 60 - 125 | Recovery | =     | 73.800%  |
| 20) 2-Butanone-d5             | 4.605  | 46    | 59402    | 56.540   | ug/L  | 0.00     |
| Spiked Amount                 | 50.000 | Range | 40 - 130 | Recovery | =     | 113.080% |
| 24) Chloroform-d              | 5.049  | 84    | 57961    | 4.583    | ug/L  | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =     | 91.600%  |
| 26) 1,2-Dichloroethane-d4     | 5.689  | 65    | 34239    | 4.991    | ug/L  | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =     | 99.800%  |
| 32) Benzene-d6                | 5.714  | 84    | 90811    | 4.176    | ug/L  | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =     | 83.600%  |
| 36) 1,2-Dichloropropane-d6    | 6.679  | 67    | 28235    | 4.682    | ug/L  | 0.00     |
| Spiked Amount                 | 5.000  | Range | 60 - 140 | Recovery | =     | 93.600%  |
| 41) Toluene-d8                | 7.888  | 98    | 80499    | 3.799    | ug/L  | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =     | 76.000%  |
| 43) trans-1,3-Dichloroprop... | 8.171  | 79    | 13073    | 4.349    | ug/L  | 0.00     |
| Spiked Amount                 | 5.000  | Range | 55 - 130 | Recovery | =     | 87.000%  |
| 46) 2-Hexanone-d5             | 8.621  | 63    | 45459    | 48.088   | ug/L  | 0.00     |
| Spiked Amount                 | 50.000 | Range | 45 - 130 | Recovery | =     | 96.180%  |
| 56) 1,1,2,2-Tetrachloroeth... | 10.746 | 84    | 24791    | 4.909    | ug/L  | 0.00     |
| Spiked Amount                 | 5.000  | Range | 65 - 120 | Recovery | =     | 98.200%  |
| 66) 1,2-Dichlorobenzene-d4    | 12.184 | 152   | 33610    | 4.839    | ug/L  | 0.00     |
| Spiked Amount                 | 5.000  | Range | 80 - 120 | Recovery | =     | 96.800%  |
|                               |        |       |          |          |       |          |
| Target Compounds              |        |       |          |          |       |          |
| 19) 1,1-Dichloroethane        | 3.853  | 63    | 9868     | 0.894    | ug/L  | 94       |
| 29) 1,1,1-Trichloroethane     | 5.303  | 97    | 128464   | 9.519    | ug/L  | 98       |
| -----                         |        |       |          |          |       |          |

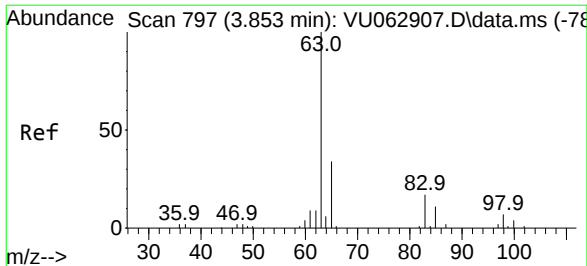
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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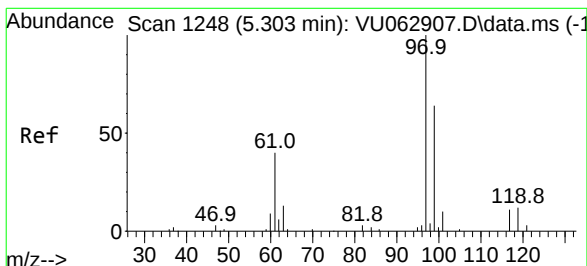
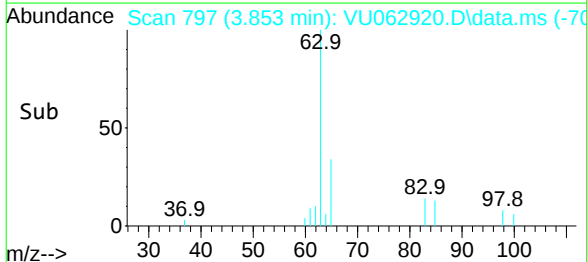
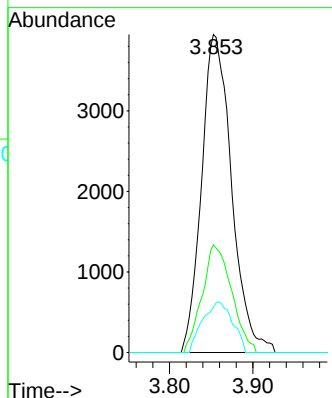
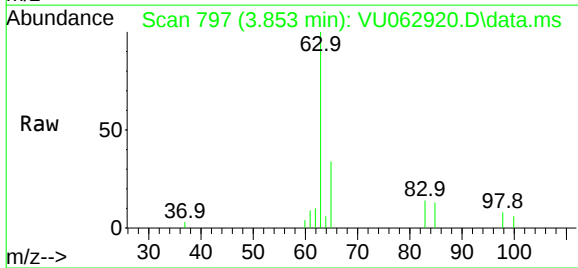




#19  
1,1-Dichloroethane  
Concen: 0.894 ug/L  
RT: 3.853 min Scan# 797  
Delta R.T. -0.000 min  
Lab File: VU062920.D  
Acq: 20 Jan 2025 15:30

Instrument :  
MSVOA\_U  
ClientSampleId :  
C0AF0DL

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 63    | Resp: | 9868  |
| Ion      | Ratio | Lower | Upper |
| 63       | 100   |       |       |
| 65       | 33.8  | 20.7  | 38.5  |
| 83       | 14.3  | 10.5  | 19.5  |



#29  
1,1,1-Trichloroethane  
Concen: 9.519 ug/L  
RT: 5.303 min Scan# 1248  
Delta R.T. -0.000 min  
Lab File: VU062920.D  
Acq: 20 Jan 2025 15:30

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 97    | Resp: | 128464 |
| Ion      | Ratio | Lower | Upper  |
| 97       | 100   |       |        |
| 99       | 63.9  | 52.4  | 78.6   |
| 61       | 39.5  | 32.2  | 48.4   |

