

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU041124\  
 Data File : VU058611.D  
 Acq On : 11 Apr 2024 16:24  
 Operator : MD/SY  
 Sample : P1948-09DL 5X  
 Misc : 25.0mL/MSVOA\_U/WATER  
 ALS Vial : 18 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 C0AK7DL

Quant Time: Apr 12 02:28:35 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\SFAMUTR040424WMA.M  
 Quant Title : TRACE VOA SFAM1.0  
 QLast Update : Fri Apr 12 02:25:12 2024  
 Response via : Initial Calibration

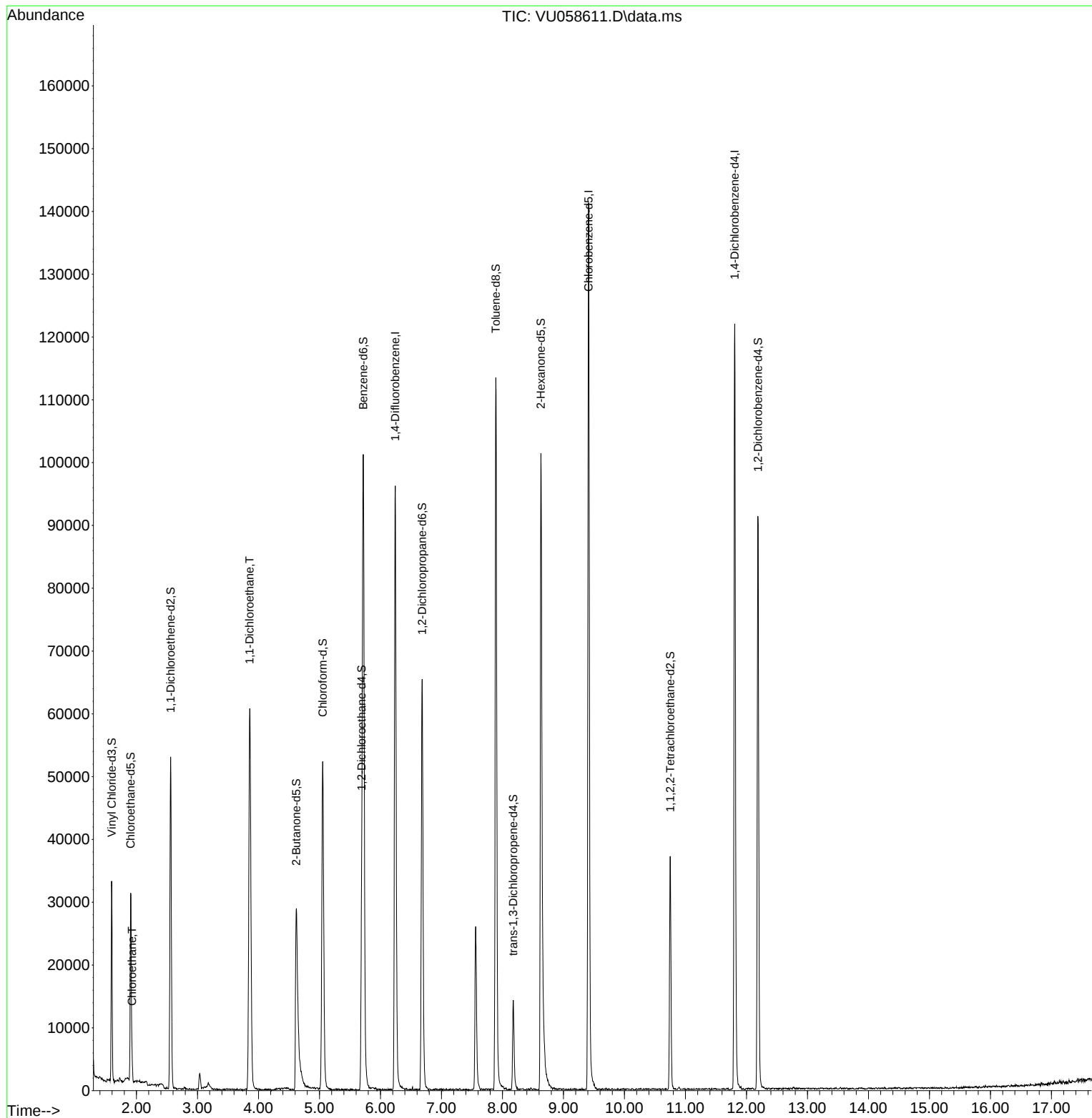
| Compound                      | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|--------|-------|----------|----------|--------|----------|
| -----                         |        |       |          |          |        |          |
| Internal Standards            |        |       |          |          |        |          |
| 1) 1,4-Difluorobenzene        | 6.242  | 114   | 75801    | 5.000    | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 9.412  | 117   | 75377    | 5.000    | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.807 | 152   | 31022    | 5.000    | ug/L   | 0.00     |
| System Monitoring Compounds   |        |       |          |          |        |          |
| 4) Vinyl Chloride-d3          | 1.592  | 65    | 21683    | 4.321    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 40 - 130 | Recovery | =      | 86.400%  |
| 7) Chloroethane-d5            | 1.904  | 69    | 20868    | 4.785    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 65 - 130 | Recovery | =      | 95.600%  |
| 11) 1,1-Dichloroethene-d2     | 2.560  | 65    | 10586    | 4.660    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 60 - 125 | Recovery | =      | 93.200%  |
| 20) 2-Butanone-d5             | 4.618  | 46    | 50765    | 48.000   | ug/L   | -0.01    |
| Spiked Amount                 | 50.000 | Range | 40 - 130 | Recovery | =      | 96.000%  |
| 24) Chloroform-d              | 5.052  | 84    | 48213    | 4.813    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =      | 96.200%  |
| 26) 1,2-Dichloroethane-d4     | 5.692  | 65    | 23236    | 4.970    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =      | 99.400%  |
| 32) Benzene-d6                | 5.718  | 84    | 92173    | 4.542    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =      | 90.800%  |
| 36) 1,2-Dichloropropane-d6    | 6.682  | 67    | 30383    | 4.774    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 60 - 140 | Recovery | =      | 95.400%  |
| 41) Toluene-d8                | 7.891  | 98    | 77706    | 4.318    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =      | 86.400%  |
| 43) trans-1,3-Dichloroprop... | 8.177  | 79    | 8579     | 4.343    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 55 - 130 | Recovery | =      | 86.800%  |
| 46) 2-Hexanone-d5             | 8.631  | 63    | 34758    | 42.658   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 45 - 130 | Recovery | =      | 85.320%  |
| 56) 1,1,2,2-Tetrachloroeth... | 10.750 | 84    | 19445    | 4.328    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 65 - 120 | Recovery | =      | 86.600%  |
| 66) 1,2-Dichlorobenzene-d4    | 12.187 | 152   | 23838    | 4.562    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 80 - 120 | Recovery | =      | 91.200%  |
| Target Compounds              |        |       |          |          |        |          |
|                               |        |       |          |          | Qvalue |          |
| 8) Chloroethane               | 1.927  | 64    | 1973     | 0.404    | ug/L   | 99       |
| 19) 1,1-Dichloroethane        | 3.856  | 63    | 72060    | 5.864    | ug/L   | 98       |
| -----                         |        |       |          |          |        |          |

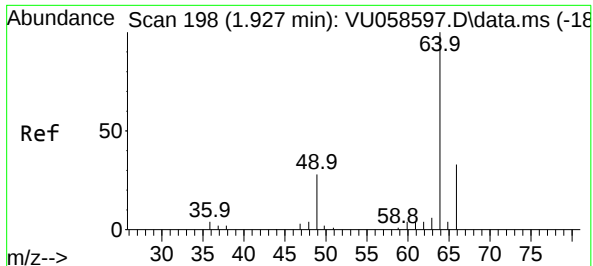
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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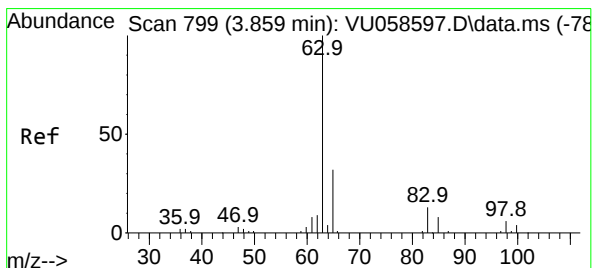
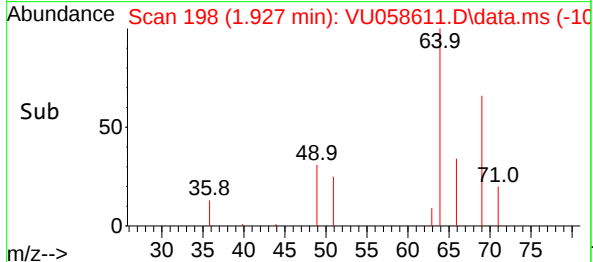
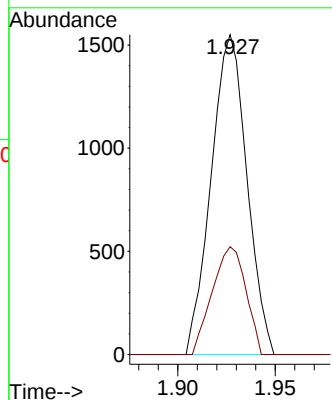
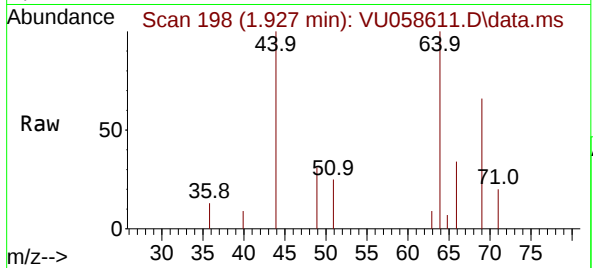




#8  
Chloroethane  
Concen: 0.404 ug/L  
RT: 1.927 min Scan# 19  
Delta R.T. 0.000 min  
Lab File: VU058611.D  
Acq: 11 Apr 2024 16:24

Instrument :  
MSVOA\_U  
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Tgt Ion: 64 Resp: 1973  
Ion Ratio Lower Upper  
64 100  
66 31.6 22.5 41.9



#19  
1,1-Dichloroethane  
Concen: 5.864 ug/L  
RT: 3.856 min Scan# 798  
Delta R.T. -0.003 min  
Lab File: VU058611.D  
Acq: 11 Apr 2024 16:24

Tgt Ion: 63 Resp: 72060  
Ion Ratio Lower Upper  
63 100  
65 31.8 22.9 42.5  
83 13.1 9.6 17.8

