

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU092524\  
 Data File : VU061010.D  
 Acq On : 25 Sep 2024 17:34  
 Operator : MD/SY  
 Sample : VIBLK142  
 Misc : 25.0mL/MSVOA\_U/WATER  
 ALS Vial : 17 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 VIBLK142

Quant Time: Sep 26 05:41:59 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\SFAMUTR091624WMA.M  
 Quant Title : TRACE VOA SFAM1.0  
 QLast Update : Thu Sep 26 05:34:11 2024  
 Response via : Initial Calibration

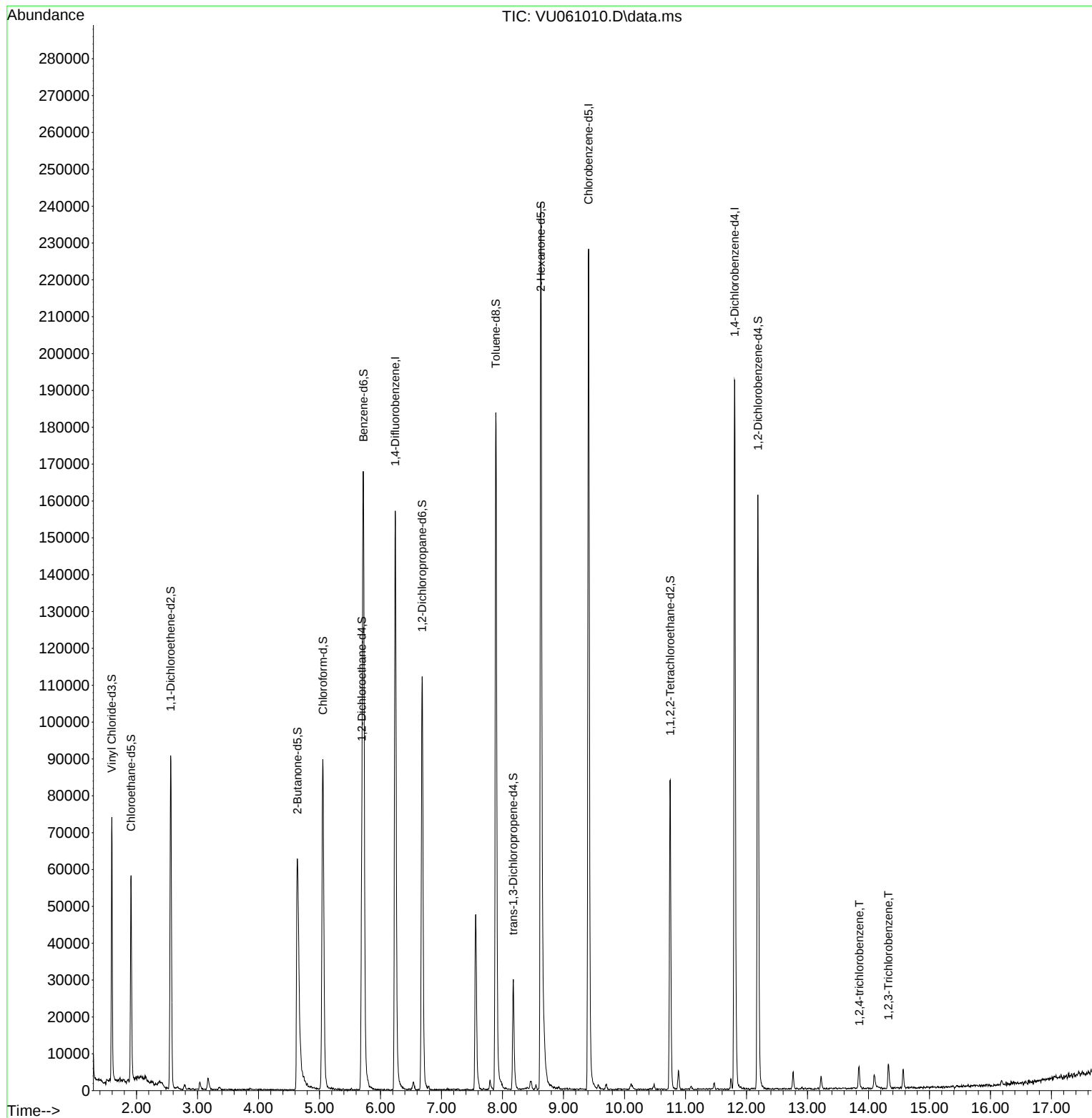
| Compound                      | R.T.   | QIon  | Response | Conc     | Units | Dev(Min) |
|-------------------------------|--------|-------|----------|----------|-------|----------|
| -----                         |        |       |          |          |       |          |
| Internal Standards            |        |       |          |          |       |          |
| 1) 1,4-Difluorobenzene        | 6.242  | 114   | 133659   | 5.000    | ug/L  | 0.00     |
| 28) Chlorobenzene-d5          | 9.412  | 117   | 138210   | 5.000    | ug/L  | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.807 | 152   | 54695    | 5.000    | ug/L  | 0.00     |
|                               |        |       |          |          |       |          |
| System Monitoring Compounds   |        |       |          |          |       |          |
| 4) Vinyl Chloride-d3          | 1.595  | 65    | 51856    | 4.314    | ug/L  | 0.00     |
| Spiked Amount                 | 5.000  | Range | 40 - 130 | Recovery | =     | 86.200%  |
| 7) Chloroethane-d5            | 1.911  | 69    | 41605    | 4.861    | ug/L  | 0.00     |
| Spiked Amount                 | 5.000  | Range | 65 - 130 | Recovery | =     | 97.200%  |
| 11) 1,1-Dichloroethene-d2     | 2.560  | 65    | 18092    | 4.246    | ug/L  | 0.00     |
| Spiked Amount                 | 5.000  | Range | 60 - 125 | Recovery | =     | 85.000%  |
| 20) 2-Butanone-d5             | 4.637  | 46    | 108704   | 56.325   | ug/L  | 0.00     |
| Spiked Amount                 | 50.000 | Range | 40 - 130 | Recovery | =     | 112.660% |
| 24) Chloroform-d              | 5.055  | 84    | 89301    | 4.859    | ug/L  | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =     | 97.200%  |
| 26) 1,2-Dichloroethane-d4     | 5.695  | 65    | 44826    | 5.103    | ug/L  | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =     | 102.000% |
| 32) Benzene-d6                | 5.721  | 84    | 162407   | 4.384    | ug/L  | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =     | 87.600%  |
| 36) 1,2-Dichloropropane-d6    | 6.682  | 67    | 59549    | 5.196    | ug/L  | 0.00     |
| Spiked Amount                 | 5.000  | Range | 60 - 140 | Recovery | =     | 104.000% |
| 41) Toluene-d8                | 7.891  | 98    | 133584   | 3.955    | ug/L  | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =     | 79.200%  |
| 43) trans-1,3-Dichloroprop... | 8.177  | 79    | 19016    | 4.609    | ug/L  | 0.00     |
| Spiked Amount                 | 5.000  | Range | 55 - 130 | Recovery | =     | 92.200%  |
| 46) 2-Hexanone-d5             | 8.627  | 63    | 87667    | 53.868   | ug/L  | 0.00     |
| Spiked Amount                 | 50.000 | Range | 45 - 130 | Recovery | =     | 107.740% |
| 56) 1,1,2,2-Tetrachloroeth... | 10.749 | 84    | 45739    | 5.094    | ug/L  | 0.00     |
| Spiked Amount                 | 5.000  | Range | 65 - 120 | Recovery | =     | 101.800% |
| 66) 1,2-Dichlorobenzene-d4    | 12.187 | 152   | 44746    | 4.869    | ug/L  | 0.00     |
| Spiked Amount                 | 5.000  | Range | 80 - 120 | Recovery | =     | 97.400%  |
|                               |        |       |          |          |       |          |
| Target Compounds              |        |       |          |          |       | Qvalue   |
| 70) 1,2,4-trichlorobenzene    | 13.849 | 180   | 2540     | 0.296    | ug/L  | # 92     |
| 72) 1,2,3-Trichlorobenzene    | 14.325 | 180   | 2881     | 0.388    | ug/L  | 100      |
| -----                         |        |       |          |          |       |          |

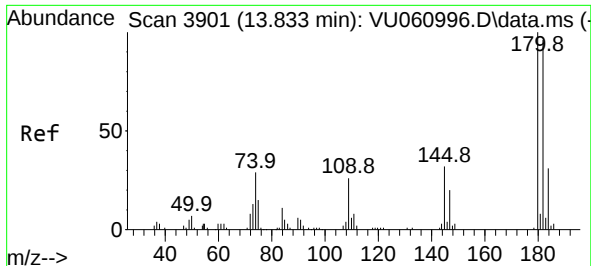
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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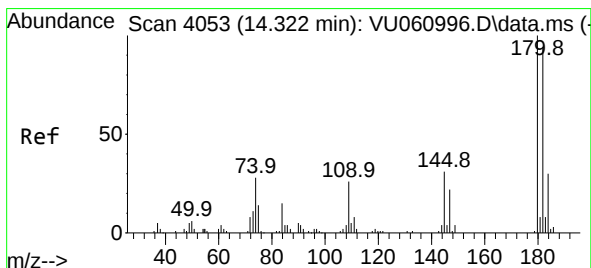
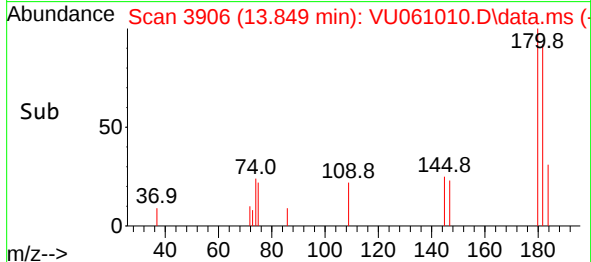
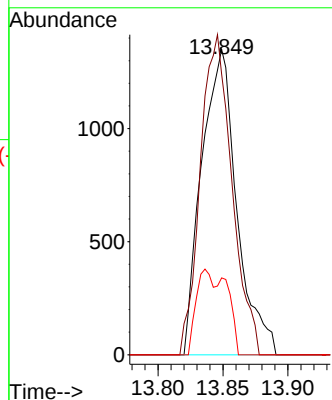
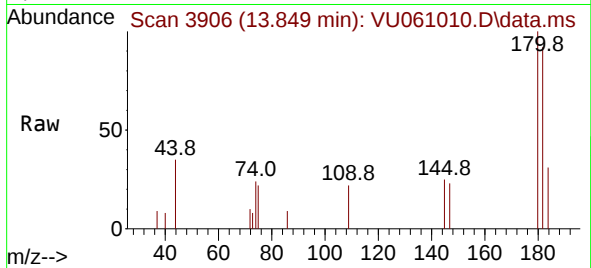




#70  
1,2,4-trichlorobenzene  
Concen: 0.296 ug/L  
RT: 13.849 min Scan# 3901  
Delta R.T. 0.016 min  
Lab File: VU061010.D  
Acq: 25 Sep 2024 17:34

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Tgt Ion:180 Resp: 2540  
Ion Ratio Lower Upper  
180 100  
182 94.2 77.4 116.2  
145 13.6 22.9 34.3#



#72  
1,2,3-Trichlorobenzene  
Concen: 0.388 ug/L  
RT: 14.325 min Scan# 4054  
Delta R.T. 0.003 min  
Lab File: VU061010.D  
Acq: 25 Sep 2024 17:34

Tgt Ion:180 Resp: 2881  
Ion Ratio Lower Upper  
180 100  
182 94.6 75.7 113.5  
145 28.4 23.5 35.3

