

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU090623\  
 Data File : VU055142.D  
 Acq On : 06 Sep 2023 15:57  
 Operator : MD/SY  
 Sample : 04250-20  
 Misc : 25.0mL/MSVOA\_U/WATER  
 ALS Vial : 12 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 BH4C6

Quant Time: Sep 06 20:41:38 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\SFAMUTR090123WMA.M  
 Quant Title : TRACE VOA SFAM1.0  
 QLast Update : Wed Sep 06 05:03:37 2023  
 Response via : Initial Calibration

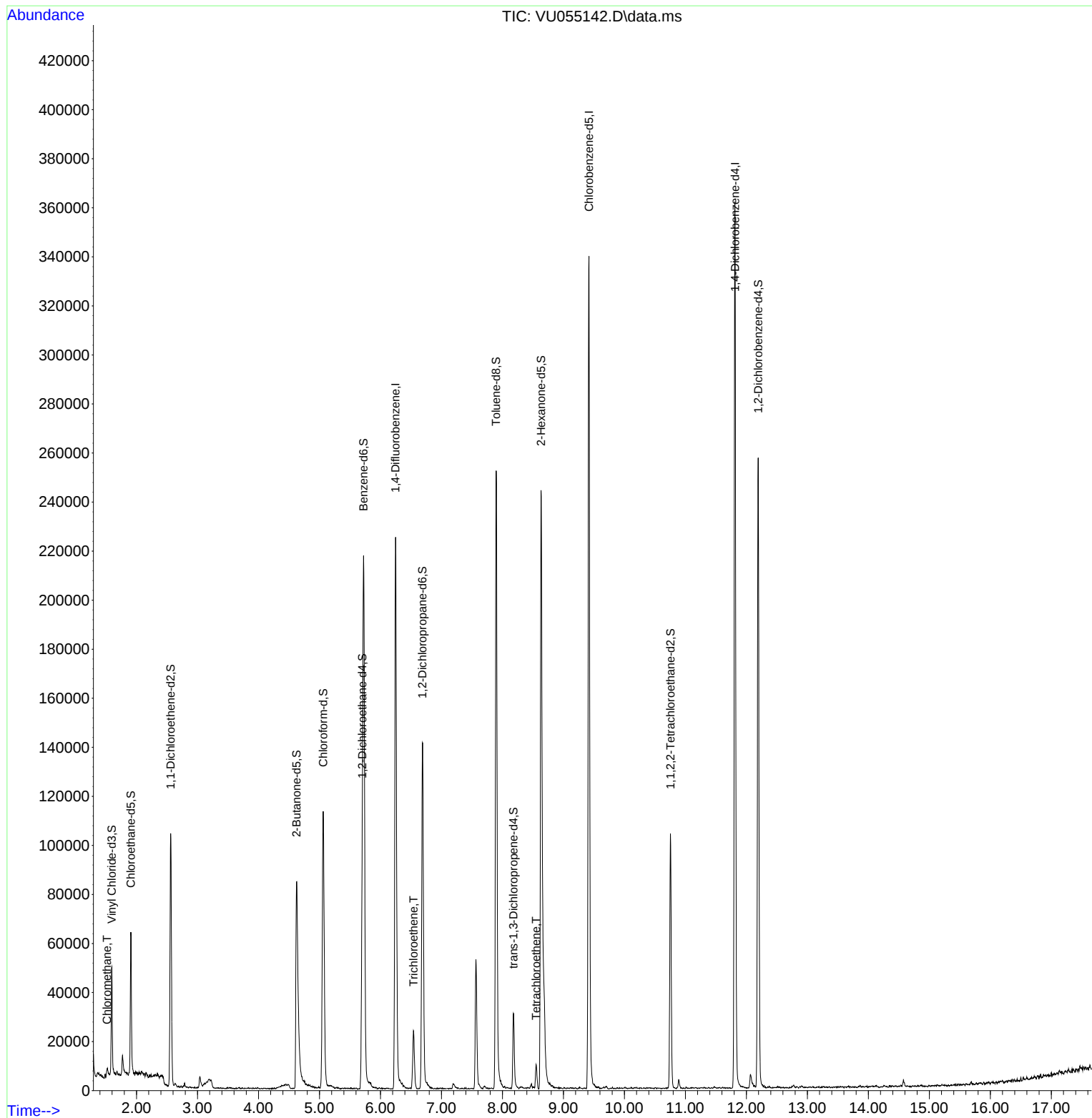
| Compound                      | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|--------|-------|----------|----------|--------|----------|
| -----                         |        |       |          |          |        |          |
| Internal Standards            |        |       |          |          |        |          |
| 1) 1,4-Difluorobenzene        | 6.248  | 114   | 174686   | 5.000    | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 9.418  | 117   | 184435   | 5.000    | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.814 | 152   | 95193    | 5.000    | ug/L   | 0.00     |
|                               |        |       |          |          |        |          |
| System Monitoring Compounds   |        |       |          |          |        |          |
| 4) Vinyl Chloride-d3          | 1.592  | 65    | 30534    | 3.729    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 40 - 130 | Recovery | =      | 74.600%  |
| 7) Chloroethane-d5            | 1.907  | 69    | 39933    | 4.214    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 65 - 130 | Recovery | =      | 84.200%  |
| 11) 1,1-Dichloroethene-d2     | 2.560  | 65    | 20841    | 4.468    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 60 - 125 | Recovery | =      | 89.400%  |
| 20) 2-Butanone-d5             | 4.624  | 46    | 131540   | 55.365   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 40 - 130 | Recovery | =      | 110.740% |
| 24) Chloroform-d              | 5.061  | 84    | 105125   | 4.839    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =      | 96.800%  |
| 26) 1,2-Dichloroethane-d4     | 5.701  | 65    | 54850    | 5.046    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =      | 101.000% |
| 32) Benzene-d6                | 5.724  | 84    | 196674   | 4.320    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =      | 86.400%  |
| 36) 1,2-Dichloropropane-d6    | 6.688  | 67    | 68520    | 4.732    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 60 - 140 | Recovery | =      | 94.600%  |
| 41) Toluene-d8                | 7.897  | 98    | 168813   | 4.025    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =      | 80.600%  |
| 43) trans-1,3-Dichloroprop... | 8.180  | 79    | 17929    | 4.496    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 55 - 130 | Recovery | =      | 90.000%  |
| 46) 2-Hexanone-d5             | 8.634  | 63    | 76322    | 47.145   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 45 - 130 | Recovery | =      | 94.280%  |
| 56) 1,1,2,2-Tetrachloroeth... | 10.756 | 84    | 51144    | 5.022    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 65 - 120 | Recovery | =      | 100.400% |
| 66) 1,2-Dichlorobenzene-d4    | 12.193 | 152   | 65913    | 4.744    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 80 - 120 | Recovery | =      | 94.800%  |
|                               |        |       |          |          |        |          |
| Target Compounds              |        |       |          |          |        |          |
| 3) Chloromethane              | 1.518  | 50    | 2730     | 0.264    | ug/L # | 80       |
| 34) Trichloroethene           | 6.544  | 95    | 7269     | 0.666    | ug/L # | 75       |
| 47) Tetrachloroethene         | 8.553  | 164   | 2100     | 0.279    | ug/L # | 73       |
| -----                         |        |       |          |          |        |          |

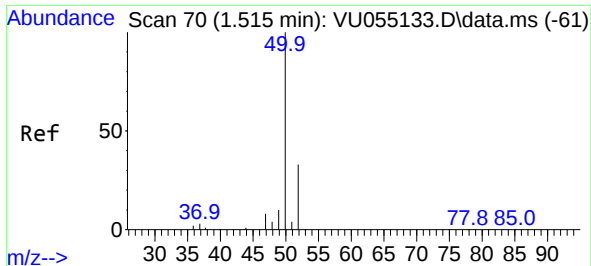
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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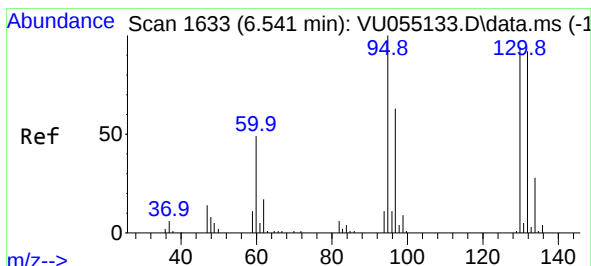
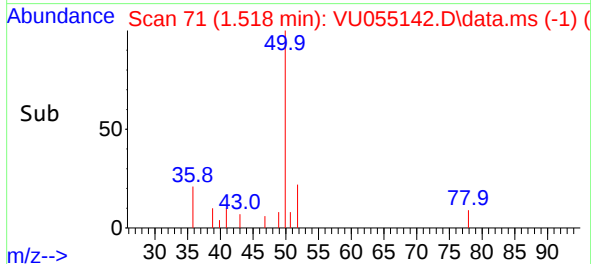
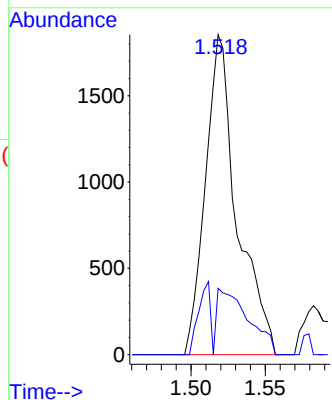
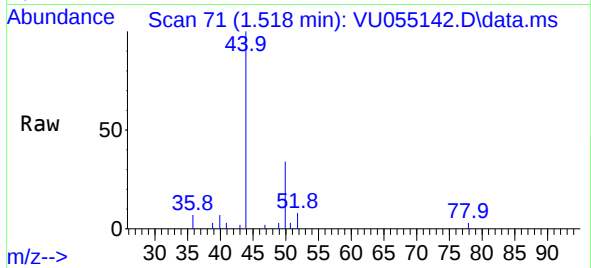




#3  
Chloromethane  
Concen: 0.264 ug/L  
RT: 1.518 min Scan# 71  
Delta R.T. 0.003 min  
Lab File: VU055142.D  
Acq: 06 Sep 2023 15:57

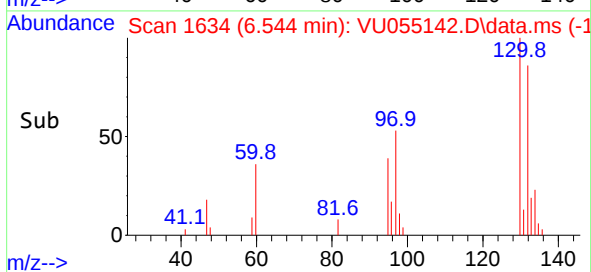
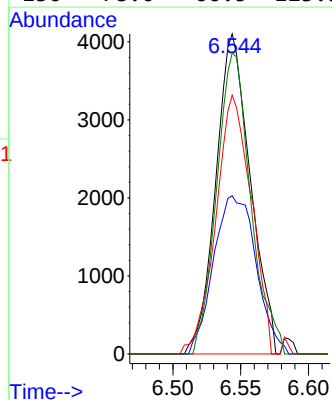
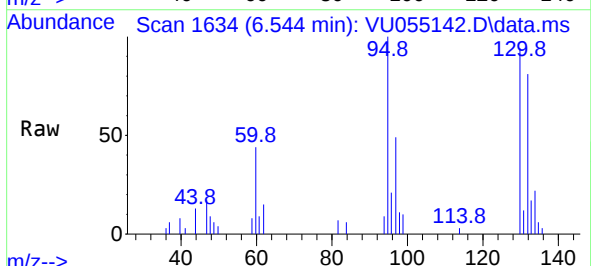
Instrument :  
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ClientSampleId :  
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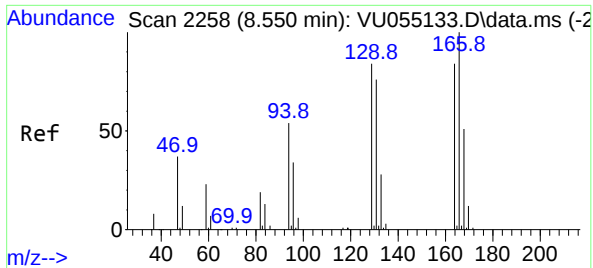
Tgt Ion: 50 Resp: 2730  
Ion Ratio Lower Upper  
50 100  
52 20.7 22.5 41.7#



#34  
Trichloroethene  
Concen: 0.666 ug/L  
RT: 6.544 min Scan# 1634  
Delta R.T. 0.003 min  
Lab File: VU055142.D  
Acq: 06 Sep 2023 15:57

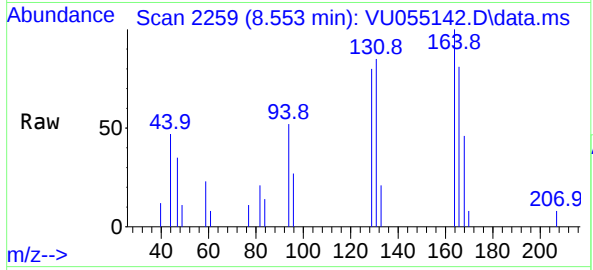
Tgt Ion: 95 Resp: 7269  
Ion Ratio Lower Upper  
95 100  
97 41.0 44.7 83.1#  
132 67.0 66.6 123.6  
130 78.0 66.5 123.5





#47  
 Tetrachloroethene  
 Concen: 0.279 ug/L  
 RT: 8.553 min Scan# 21  
 Delta R.T. -0.000 min  
 Lab File: VU055142.D  
 Acq: 06 Sep 2023 15:57

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Tgt Ion:164 Resp: 2100

| Ion | Ratio | Lower | Upper  |
|-----|-------|-------|--------|
| 164 | 100   |       |        |
| 129 | 80.2  | 69.2  | 128.6  |
| 131 | 85.2  | 68.8  | 127.8  |
| 166 | 80.8  | 92.3  | 171.5# |

