

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU111323\  
 Data File : VU056266.D  
 Acq On : 13 Nov 2023 21:18  
 Operator : MD/SY  
 Sample : 05340-20  
 Misc : 25.0mL/MSVOA\_U/WATER  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 GCDM5

Quant Time: Nov 14 21:45:19 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\SFAMUTR111323WMA.M  
 Quant Title : TRACE VOA SFAM1.0  
 QLast Update : Tue Nov 14 00:08:30 2023  
 Response via : Initial Calibration

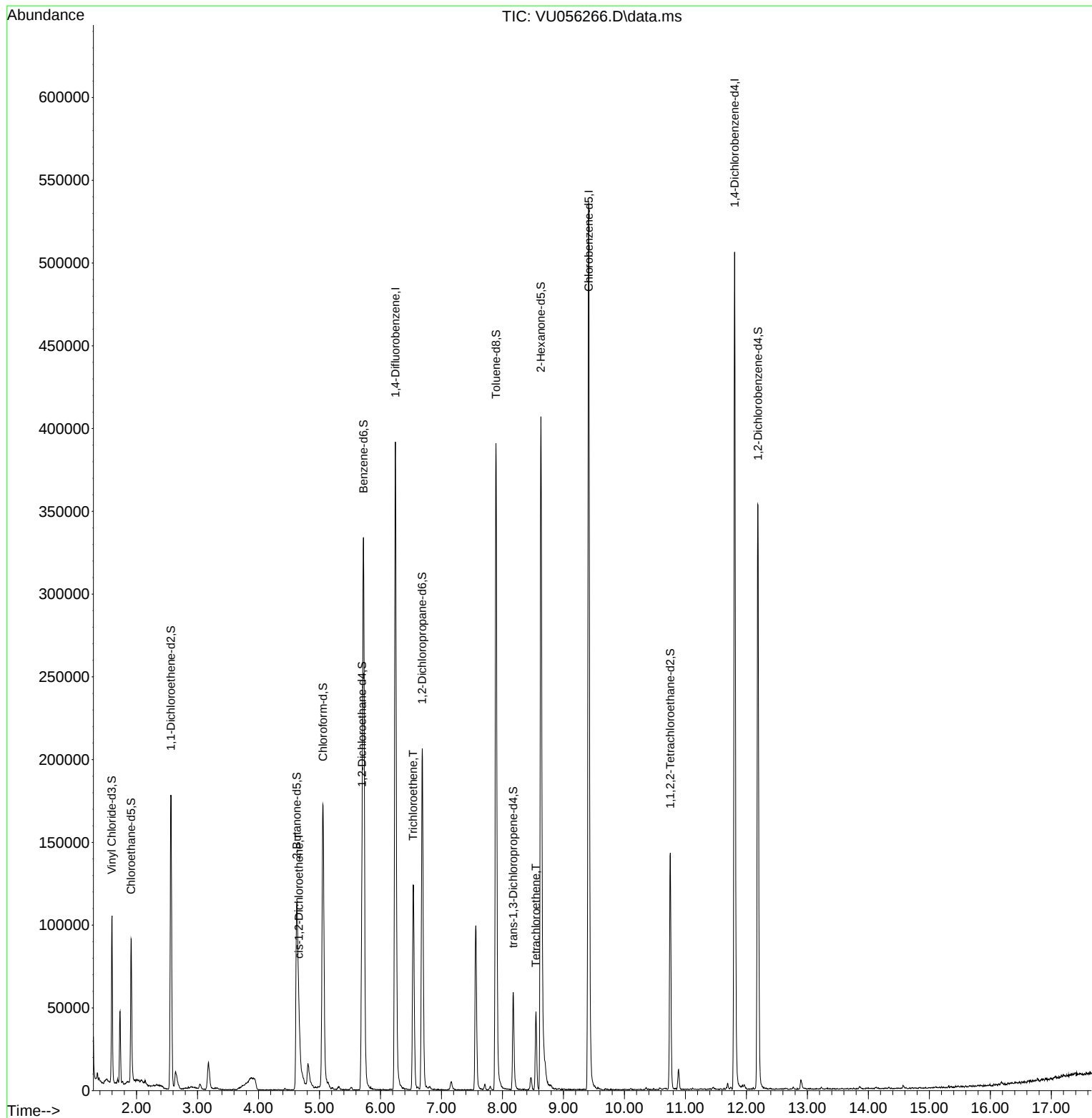
| Compound                      | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|--------|-------|----------|----------|--------|----------|
| -----                         |        |       |          |          |        |          |
| Internal Standards            |        |       |          |          |        |          |
| 1) 1,4-Difluorobenzene        | 6.245  | 114   | 321998   | 5.000    | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 9.415  | 117   | 314963   | 5.000    | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.807 | 152   | 134341   | 5.000    | ug/L   | 0.00     |
| System Monitoring Compounds   |        |       |          |          |        |          |
| 4) Vinyl Chloride-d3          | 1.595  | 65    | 70647    | 2.933    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 40 - 130 | Recovery | =      | 58.600%  |
| 7) Chloroethane-d5            | 1.910  | 69    | 63411    | 3.434    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 65 - 130 | Recovery | =      | 68.600%  |
| 11) 1,1-Dichloroethene-d2     | 2.563  | 65    | 34262    | 3.223    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 60 - 125 | Recovery | =      | 64.400%  |
| 20) 2-Butanone-d5             | 4.627  | 46    | 188982   | 39.351   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 40 - 130 | Recovery | =      | 78.700%  |
| 24) Chloroform-d              | 5.058  | 84    | 167070   | 3.586    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =      | 71.800%  |
| 26) 1,2-Dichloroethane-d4     | 5.698  | 65    | 78306    | 3.638    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =      | 72.800%  |
| 32) Benzene-d6                | 5.721  | 84    | 322456   | 3.436    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =      | 68.800%# |
| 36) 1,2-Dichloropropane-d6    | 6.685  | 67    | 101831   | 3.601    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 60 - 140 | Recovery | =      | 72.000%  |
| 41) Toluene-d8                | 7.894  | 98    | 270244   | 3.261    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =      | 65.200%# |
| 43) trans-1,3-Dichloroprop... | 8.177  | 79    | 35538    | 3.276    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 55 - 130 | Recovery | =      | 65.600%  |
| 46) 2-Hexanone-d5             | 8.630  | 63    | 147226   | 34.539   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 45 - 130 | Recovery | =      | 69.080%  |
| 56) 1,1,2,2-Tetrachloroeth... | 10.753 | 84    | 74535    | 3.688    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 65 - 120 | Recovery | =      | 73.800%  |
| 66) 1,2-Dichlorobenzene-d4    | 12.190 | 152   | 94301    | 3.800    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 80 - 120 | Recovery | =      | 76.000%# |
| Target Compounds              |        |       |          |          |        |          |
|                               |        |       |          |          | Qvalue |          |
| 22) cis-1,2-Dichloroethene    | 4.663  | 96    | 3959     | 0.172    | ug/L   | 88       |
| 34) Trichloroethene           | 6.537  | 95    | 45324    | 1.851    | ug/L   | 97       |
| 47) Tetrachloroethene         | 8.550  | 164   | 9485     | 0.574    | ug/L   | 83       |
| -----                         |        |       |          |          |        |          |

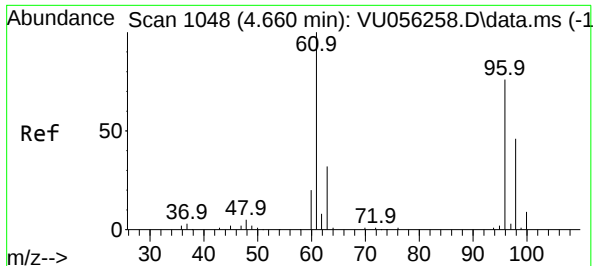
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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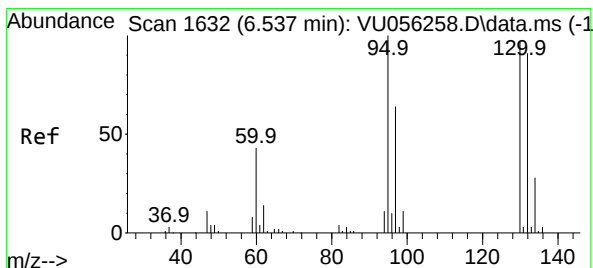
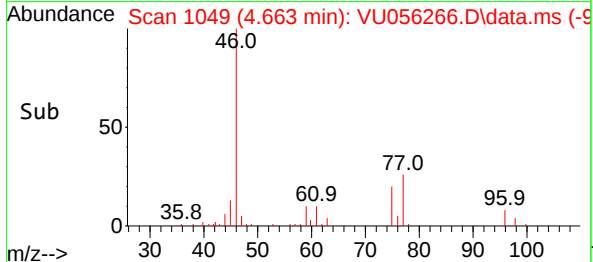
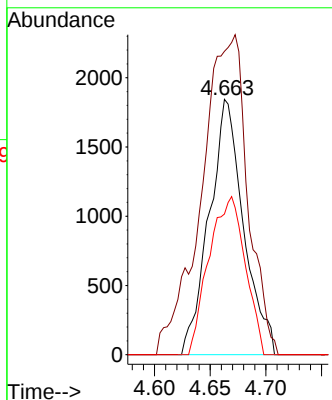
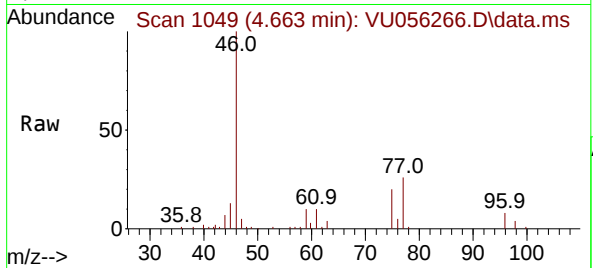




#22  
cis-1,2-Dichloroethene  
Concen: 0.172 ug/L  
RT: 4.663 min Scan# 1049  
Delta R.T. 0.003 min  
Lab File: VU056266.D  
Acq: 13 Nov 2023 21:18

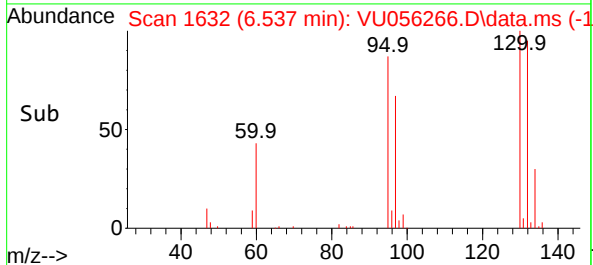
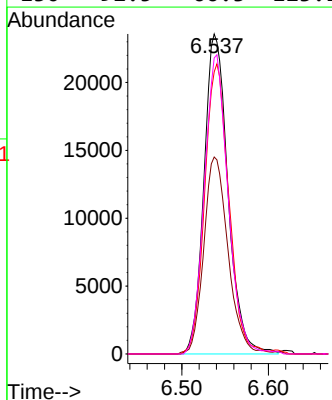
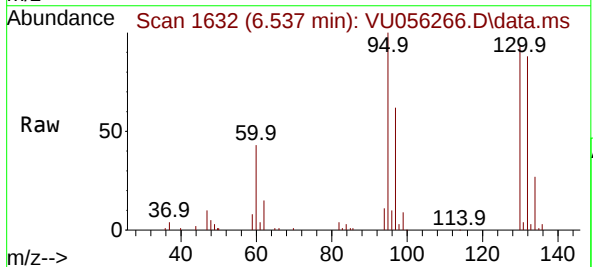
Instrument :  
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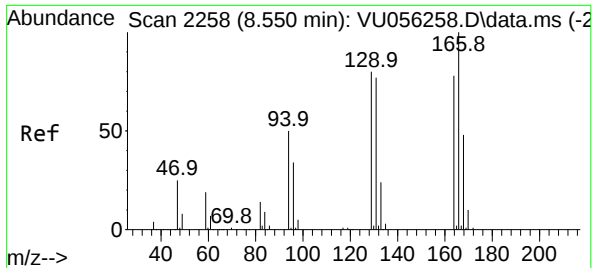
Tgt Ion: 96 Resp: 3959  
Ion Ratio Lower Upper  
96 100  
61 118.8 93.2 173.2  
98 55.1 44.8 83.2



#34  
Trichloroethene  
Concen: 1.851 ug/L  
RT: 6.537 min Scan# 1632  
Delta R.T. -0.000 min  
Lab File: VU056266.D  
Acq: 13 Nov 2023 21:18

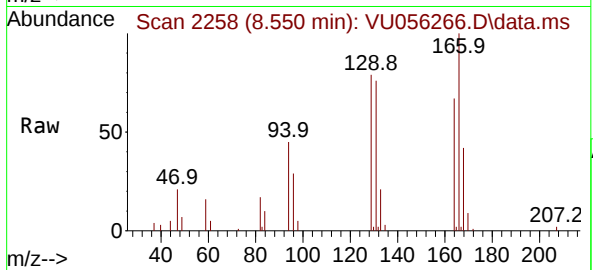
Tgt Ion: 95 Resp: 45324  
Ion Ratio Lower Upper  
95 100  
97 61.6 46.5 86.3  
132 88.2 62.0 115.2  
130 92.5 66.3 123.1





#47  
 Tetrachloroethene  
 Concen: 0.574 ug/L  
 RT: 8.550 min Scan# 21  
 Delta R.T. -0.000 min  
 Lab File: VU056266.D  
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|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 164   | Resp: | 9485  |
| Ion      | Ratio | Lower | Upper |
| 164      | 100   |       |       |
| 129      | 118.8 | 71.0  | 131.9 |
| 131      | 113.8 | 70.3  | 130.7 |
| 166      | 150.3 | 89.8  | 166.8 |

