

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU030824\  
 Data File : VU058023.D  
 Acq On : 08 Mar 2024 17:32  
 Operator : MD/SY  
 Sample : P1636-17  
 Misc : 25.0mL/MSVOA\_U/WATER  
 ALS Vial : 22 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 DCNS4

Quant Time: Mar 09 00:15:05 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\SFAMUTR022924WMA.M  
 Quant Title : TRACE VOA SFAM1.0  
 QLast Update : Sat Mar 09 00:10:03 2024  
 Response via : Initial Calibration

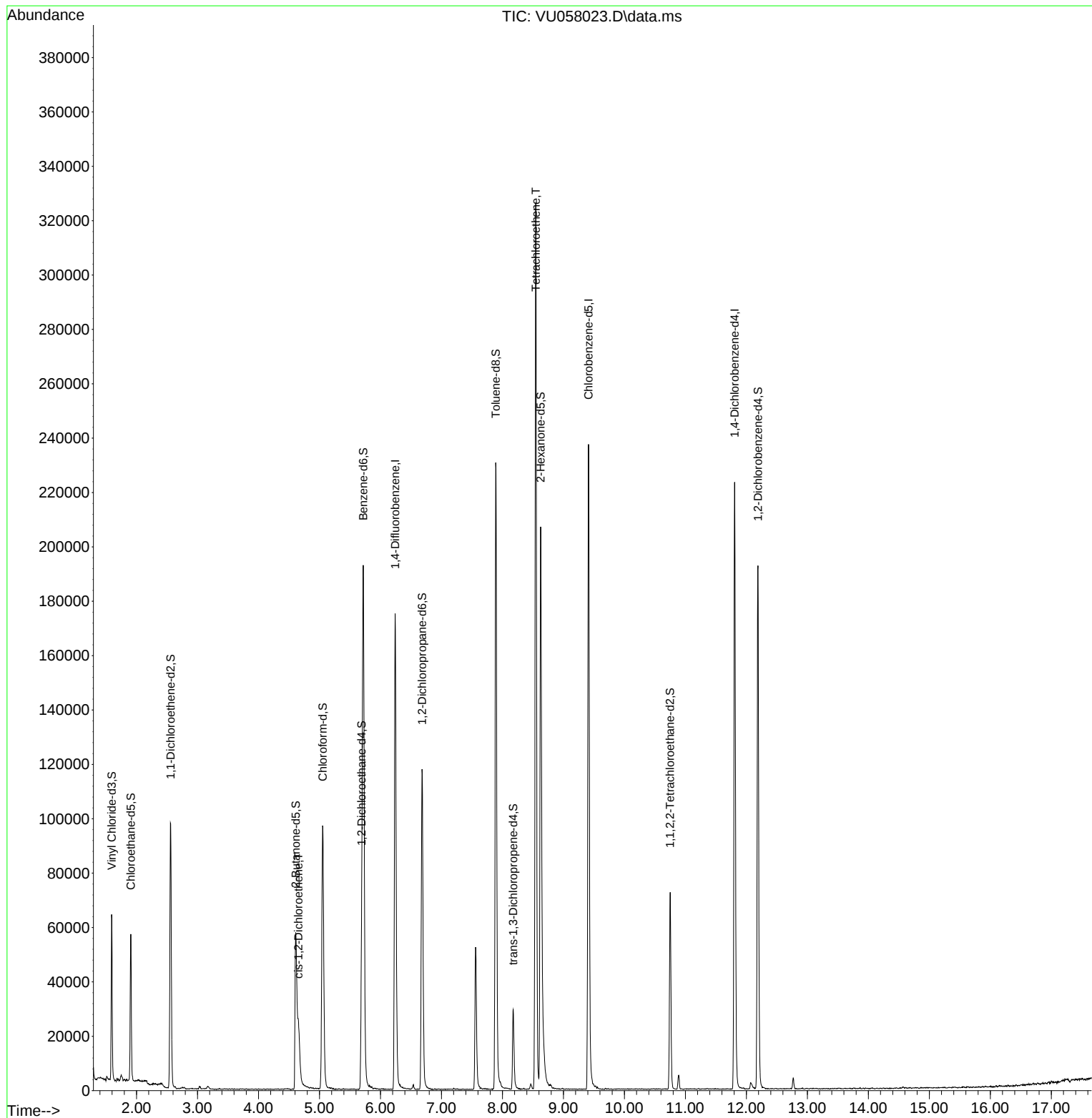
| Compound                      | R.T.   | QIon  | Response | Conc     | Units | Dev(Min) |
|-------------------------------|--------|-------|----------|----------|-------|----------|
| -----                         |        |       |          |          |       |          |
| Internal Standards            |        |       |          |          |       |          |
| 1) 1,4-Difluorobenzene        | 6.242  | 114   | 138882   | 5.000    | ug/L  | 0.00     |
| 28) Chlorobenzene-d5          | 9.412  | 117   | 134155   | 5.000    | ug/L  | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.807 | 152   | 60419    | 5.000    | ug/L  | 0.00     |
|                               |        |       |          |          |       |          |
| System Monitoring Compounds   |        |       |          |          |       |          |
| 4) Vinyl Chloride-d3          | 1.592  | 65    | 42130    | 4.216    | ug/L  | 0.00     |
| Spiked Amount                 | 5.000  | Range | 40 - 130 | Recovery | =     | 84.400%  |
| 7) Chloroethane-d5            | 1.907  | 69    | 38295    | 4.663    | ug/L  | 0.00     |
| Spiked Amount                 | 5.000  | Range | 65 - 130 | Recovery | =     | 93.200%  |
| 11) 1,1-Dichloroethene-d2     | 2.560  | 65    | 19282    | 4.459    | ug/L  | 0.00     |
| Spiked Amount                 | 5.000  | Range | 60 - 125 | Recovery | =     | 89.200%  |
| 20) 2-Butanone-d5             | 4.612  | 46    | 93131    | 56.566   | ug/L  | 0.00     |
| Spiked Amount                 | 50.000 | Range | 40 - 130 | Recovery | =     | 113.140% |
| 24) Chloroform-d              | 5.052  | 84    | 92061    | 4.871    | ug/L  | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =     | 97.400%  |
| 26) 1,2-Dichloroethane-d4     | 5.692  | 65    | 43793    | 5.114    | ug/L  | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =     | 102.200% |
| 32) Benzene-d6                | 5.718  | 84    | 184604   | 4.722    | ug/L  | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =     | 94.400%  |
| 36) 1,2-Dichloropropane-d6    | 6.682  | 67    | 59030    | 4.967    | ug/L  | 0.00     |
| Spiked Amount                 | 5.000  | Range | 60 - 140 | Recovery | =     | 99.400%  |
| 41) Toluene-d8                | 7.891  | 98    | 156592   | 4.421    | ug/L  | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =     | 88.400%  |
| 43) trans-1,3-Dichloroprop... | 8.177  | 79    | 19379    | 4.742    | ug/L  | 0.00     |
| Spiked Amount                 | 5.000  | Range | 55 - 130 | Recovery | =     | 94.800%  |
| 46) 2-Hexanone-d5             | 8.627  | 63    | 77410    | 56.413   | ug/L  | 0.00     |
| Spiked Amount                 | 50.000 | Range | 45 - 130 | Recovery | =     | 112.820% |
| 56) 1,1,2,2-Tetrachloroeth... | 10.750 | 84    | 36901    | 5.063    | ug/L  | 0.00     |
| Spiked Amount                 | 5.000  | Range | 65 - 120 | Recovery | =     | 101.200% |
| 66) 1,2-Dichlorobenzene-d4    | 12.190 | 152   | 50649    | 5.090    | ug/L  | 0.00     |
| Spiked Amount                 | 5.000  | Range | 80 - 120 | Recovery | =     | 101.800% |
|                               |        |       |          |          |       |          |
| Target Compounds              |        |       |          |          |       | Qvalue   |
| 22) cis-1,2-Dichloroethene    | 4.657  | 96    | 8336     | 0.830    | ug/L  | 97       |
| 47) Tetrachloroethene         | 8.547  | 164   | 66652    | 8.869    | ug/L  | 97       |
| -----                         |        |       |          |          |       |          |

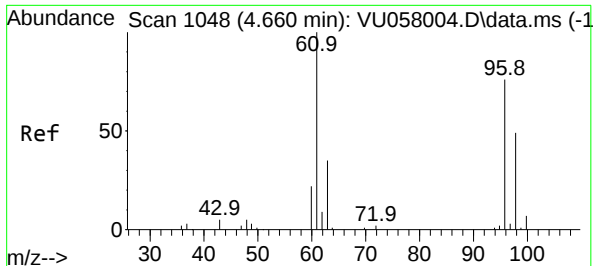
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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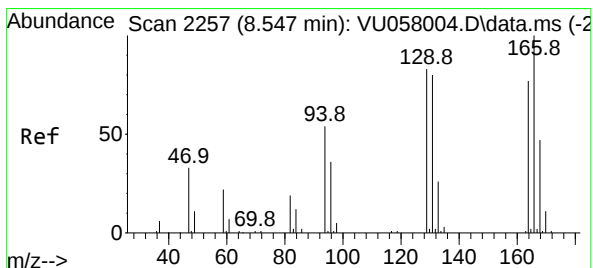
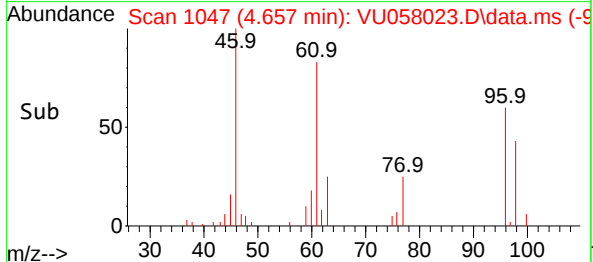
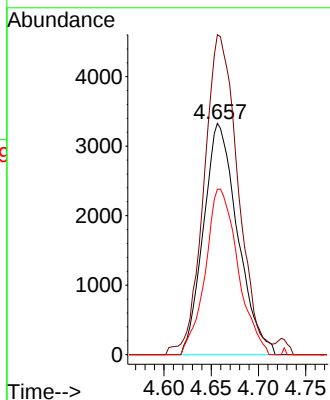
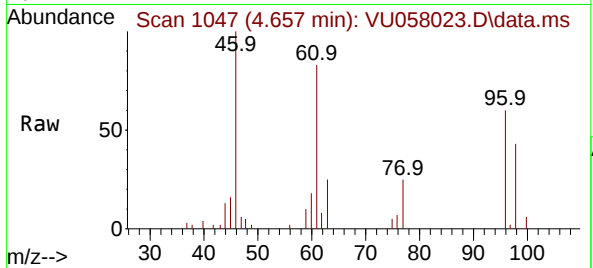




#22  
 cis-1,2-Dichloroethene  
 Concen: 0.830 ug/L  
 RT: 4.657 min Scan# 1047  
 Delta R.T. -0.003 min  
 Lab File: VU058023.D  
 Acq: 08 Mar 2024 17:32

Instrument :  
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Tgt Ion: 96 Resp: 8336  
 Ion Ratio Lower Upper  
 96 100  
 61 138.3 97.2 180.4  
 98 71.5 45.5 84.5



#47  
 Tetrachloroethene  
 Concen: 8.869 ug/L  
 RT: 8.547 min Scan# 2257  
 Delta R.T. 0.000 min  
 Lab File: VU058023.D  
 Acq: 08 Mar 2024 17:32

Tgt Ion:164 Resp: 66652  
 Ion Ratio Lower Upper  
 164 100  
 129 103.6 69.3 128.7  
 131 96.8 69.9 129.9  
 166 130.2 90.1 167.3

