

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU111323\  
 Data File : VU056288.D  
 Acq On : 14 Nov 2023 06:59  
 Operator : MD/SY  
 Sample : 05372-18  
 Misc : 25.0mL/MSVOA\_U/WATER  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 GCDR2

Quant Time: Nov 15 00:36:58 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\SFAMUTR111323WMA.M  
 Quant Title : TRACE VOA SFAM1.0  
 QLast Update : Wed Nov 15 00:09:07 2023  
 Response via : Initial Calibration

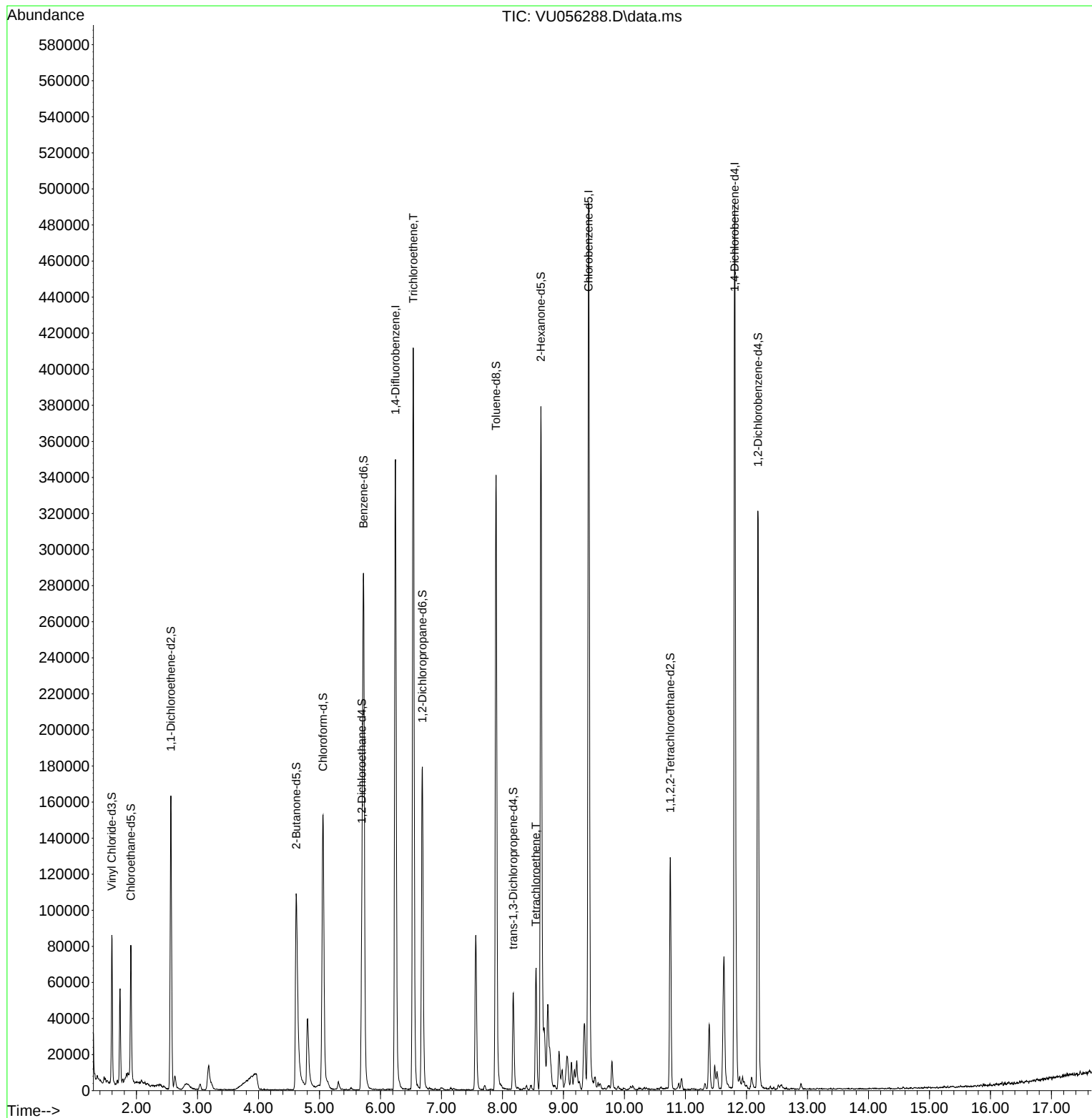
| Compound                      | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|--------|-------|----------|----------|--------|----------|
| -----                         |        |       |          |          |        |          |
| Internal Standards            |        |       |          |          |        |          |
| 1) 1,4-Difluorobenzene        | 6.245  | 114   | 287561   | 5.000    | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 9.412  | 117   | 290117   | 5.000    | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.807 | 152   | 129603   | 5.000    | ug/L   | 0.00     |
| System Monitoring Compounds   |        |       |          |          |        |          |
| 4) Vinyl Chloride-d3          | 1.596  | 65    | 59074    | 2.747    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 40 - 130 | Recovery | =      | 55.000%  |
| 7) Chloroethane-d5            | 1.907  | 69    | 55470    | 3.364    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 65 - 130 | Recovery | =      | 67.200%  |
| 11) 1,1-Dichloroethene-d2     | 2.563  | 65    | 30320    | 3.194    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 60 - 125 | Recovery | =      | 63.800%  |
| 20) 2-Butanone-d5             | 4.618  | 46    | 161341   | 37.619   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 40 - 130 | Recovery | =      | 75.240%  |
| 24) Chloroform-d              | 5.055  | 84    | 145242   | 3.491    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =      | 69.800%# |
| 26) 1,2-Dichloroethane-d4     | 5.695  | 65    | 70718    | 3.679    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =      | 73.600%  |
| 32) Benzene-d6                | 5.721  | 84    | 281033   | 3.251    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =      | 65.000%# |
| 36) 1,2-Dichloropropane-d6    | 6.685  | 67    | 87871    | 3.373    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 60 - 140 | Recovery | =      | 67.400%  |
| 41) Toluene-d8                | 7.894  | 98    | 239499   | 3.138    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =      | 62.800%# |
| 43) trans-1,3-Dichloroprop... | 8.174  | 79    | 32724    | 3.275    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 55 - 130 | Recovery | =      | 65.600%  |
| 46) 2-Hexanone-d5             | 8.631  | 63    | 134181   | 34.174   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 45 - 130 | Recovery | =      | 68.340%  |
| 56) 1,1,2,2-Tetrachloroeth... | 10.750 | 84    | 65424    | 3.515    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 65 - 120 | Recovery | =      | 70.200%  |
| 66) 1,2-Dichlorobenzene-d4    | 12.187 | 152   | 83148    | 3.473    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 80 - 120 | Recovery | =      | 69.400%# |
| Target Compounds              |        |       |          |          |        |          |
|                               |        |       |          |          | Qvalue |          |
| 34) Trichloroethene           | 6.538  | 95    | 152844   | 6.777    | ug/L   | 95       |
| 47) Tetrachloroethene         | 8.547  | 164   | 14762    | 0.971    | ug/L   | 94       |
| -----                         |        |       |          |          |        |          |

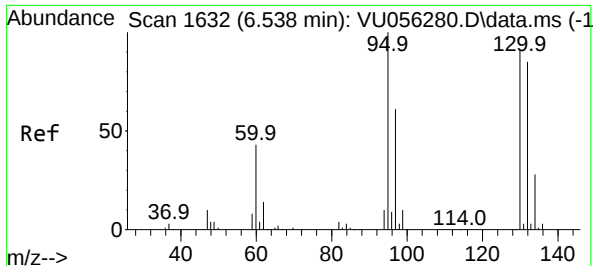
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#34

Trichloroethene

Concen: 6.777 ug/L

RT: 6.538 min Scan# 1

Delta R.T. -0.000 min

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Instrument :

MSVOA\_U

ClientSampleId :

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Tgt Ion: 95 Resp: 152844

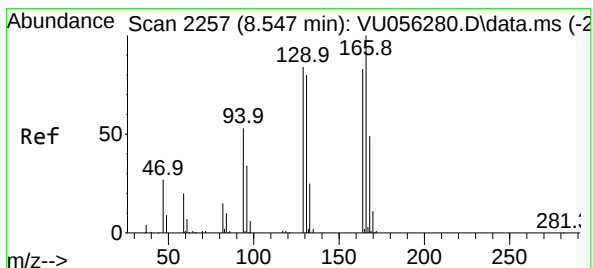
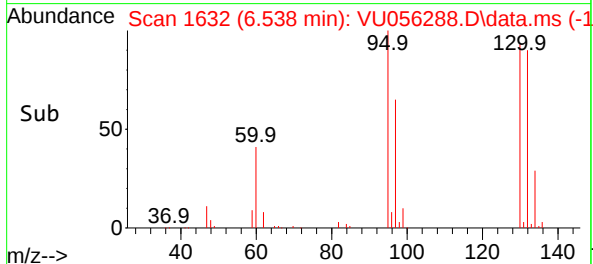
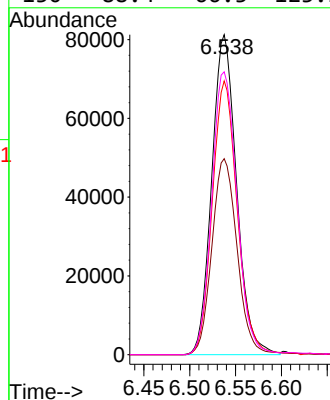
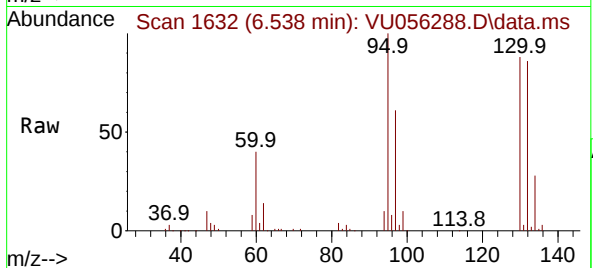
Ion Ratio Lower Upper

95 100

97 61.3 46.5 86.3

132 85.5 62.0 115.2

130 88.4 66.3 123.1



#47

Tetrachloroethene

Concen: 0.971 ug/L

RT: 8.547 min Scan# 2257

Delta R.T. -0.000 min

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Tgt Ion:164 Resp: 14762

Ion Ratio Lower Upper

164 100

129 103.5 71.0 131.9

131 97.9 70.3 130.7

166 115.9 89.8 166.8

