

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU100622\  
 Data File : VU051197.D  
 Acq On : 07 Oct 2022 01:38  
 Operator : JC/MD  
 Sample : N4890-09  
 Misc : 5.0mL/MSVOA\_U/WATER  
 ALS Vial : 36 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 EY0E5

Quant Time: Oct 07 06:30:23 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\SFAMULM092922WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Fri Oct 07 02:51:40 2022  
 Response via : Initial Calibration

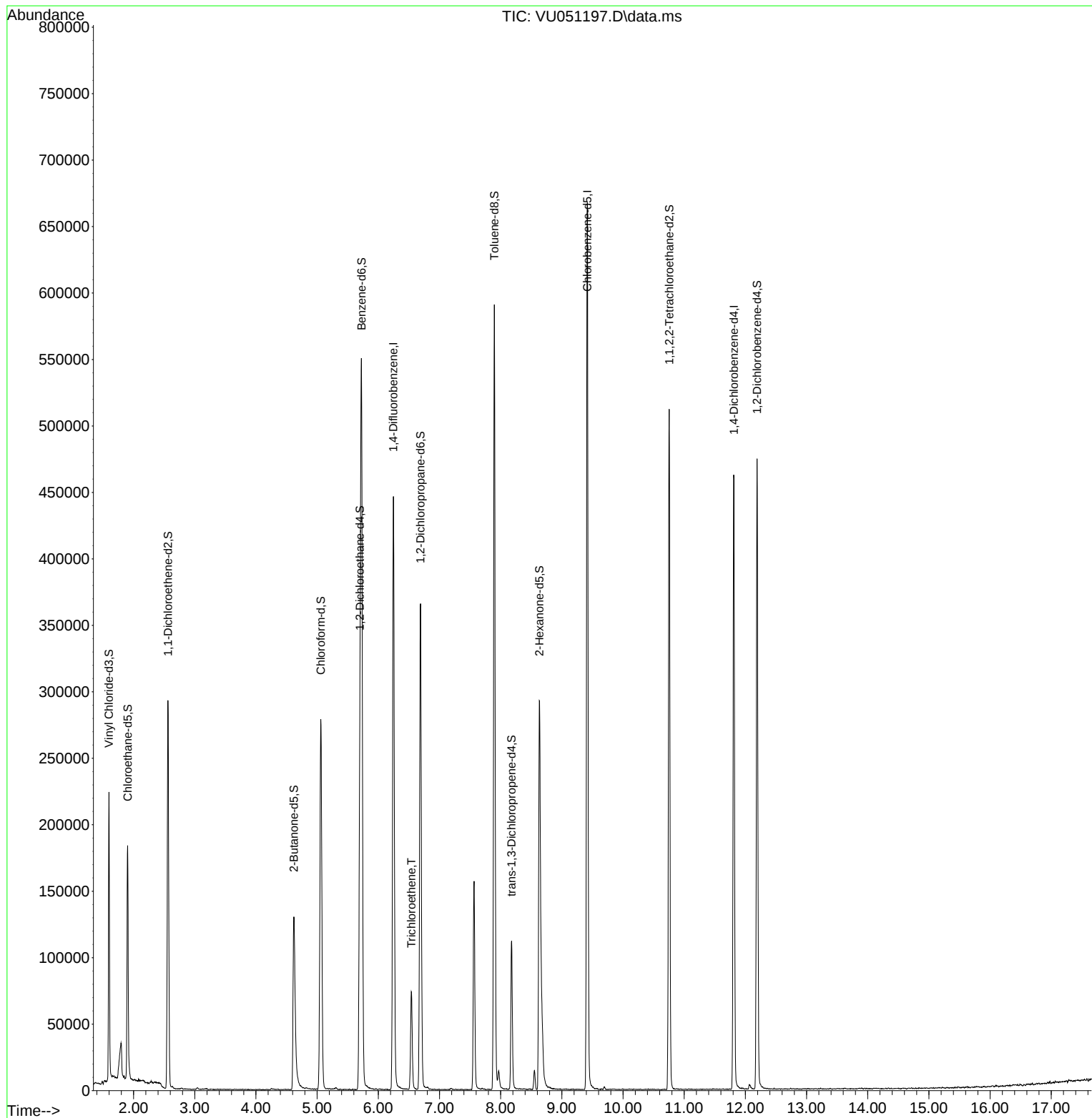
| Compound                      | R.T.    | QIon  | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|---------|-------|----------|----------|--------|----------|
| -----                         |         |       |          |          |        |          |
| Internal Standards            |         |       |          |          |        |          |
| 1) 1,4-Difluorobenzene        | 6.247   | 114   | 359040   | 50.000   | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 9.417   | 117   | 375287   | 50.000   | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.812  | 152   | 123289   | 50.000   | ug/L   | 0.00     |
| System Monitoring Compounds   |         |       |          |          |        |          |
| 4) Vinyl Chloride-d3          | 1.597   | 65    | 148301   | 40.757   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 60 - 135 | Recovery | =      | 81.520%  |
| 7) Chloroethane-d5            | 1.903   | 69    | 132649   | 39.245   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 70 - 130 | Recovery | =      | 78.480%  |
| 11) 1,1-Dichloroethene-d2     | 2.562   | 63    | 175267   | 32.608   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 60 - 125 | Recovery | =      | 65.220%  |
| 21) 2-Butanone-d5             | 4.620   | 46    | 184232   | 78.064   | ug/L   | 0.00     |
| Spiked Amount                 | 100.000 | Range | 40 - 130 | Recovery | =      | 78.060%  |
| 24) Chloroform-d              | 5.060   | 84    | 264021   | 45.037   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 70 - 125 | Recovery | =      | 90.080%  |
| 26) 1,2-Dichloroethane-d4     | 5.700   | 65    | 170950   | 47.112   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 70 - 125 | Recovery | =      | 94.220%  |
| 32) Benzene-d6                | 5.726   | 84    | 505709   | 46.016   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 70 - 125 | Recovery | =      | 92.040%  |
| 36) 1,2-Dichloropropane-d6    | 6.687   | 67    | 179473   | 50.328   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 70 - 120 | Recovery | =      | 100.660% |
| 41) Toluene-d8                | 7.896   | 98    | 398228   | 39.220   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 80 - 120 | Recovery | =      | 78.440%# |
| 43) trans-1,3-Dichloroprop... | 8.179   | 79    | 62383    | 36.676   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 60 - 125 | Recovery | =      | 73.360%  |
| 47) 2-Hexanone-d5             | 8.632   | 63    | 78646    | 54.618   | ug/L   | 0.00     |
| Spiked Amount                 | 100.000 | Range | 45 - 130 | Recovery | =      | 54.620%  |
| 56) 1,1,2,2-Tetrachloroeth... | 10.755  | 84    | 262693   | 42.149   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 65 - 120 | Recovery | =      | 84.300%  |
| 66) 1,2-Dichlorobenzene-d4    | 12.192  | 152   | 125306   | 47.576   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 80 - 120 | Recovery | =      | 95.160%  |
| Target Compounds              |         |       |          |          |        |          |
|                               |         |       |          |          | Qvalue |          |
| 34) Trichloroethene           | 6.542   | 95    | 25188    | 8.500    | ug/L   | 98       |
| -----                         |         |       |          |          |        |          |

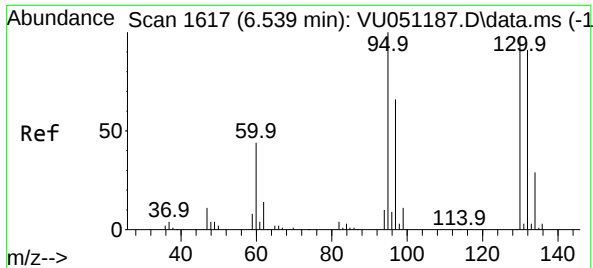
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#34  
 Trichloroethene  
 Concen: 8.500 ug/L  
 RT: 6.542 min Scan# 1  
 Delta R.T. 0.003 min  
 Lab File: VU051197.D  
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Tgt Ion: 95 Resp: 25188

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 95  | 100   |       |       |
| 97  | 63.4  | 45.9  | 85.3  |
| 132 | 88.4  | 64.0  | 119.0 |
| 130 | 97.9  | 67.9  | 126.1 |

