

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW071922\  
 Data File : VW023884.D  
 Acq On : 19 Jul 2022 15:06  
 Operator : SY/VA  
 Sample : N3709-14  
 Misc : 5.27g/10mL/MSVOA\_W/SOIL  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 H0B28

Quant Time: Jul 20 01:20:52 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM071322SMA.M  
 Quant Title : SFAM01.0  
 QLast Update : Wed Jul 20 01:17:09 2022  
 Response via : Initial Calibration

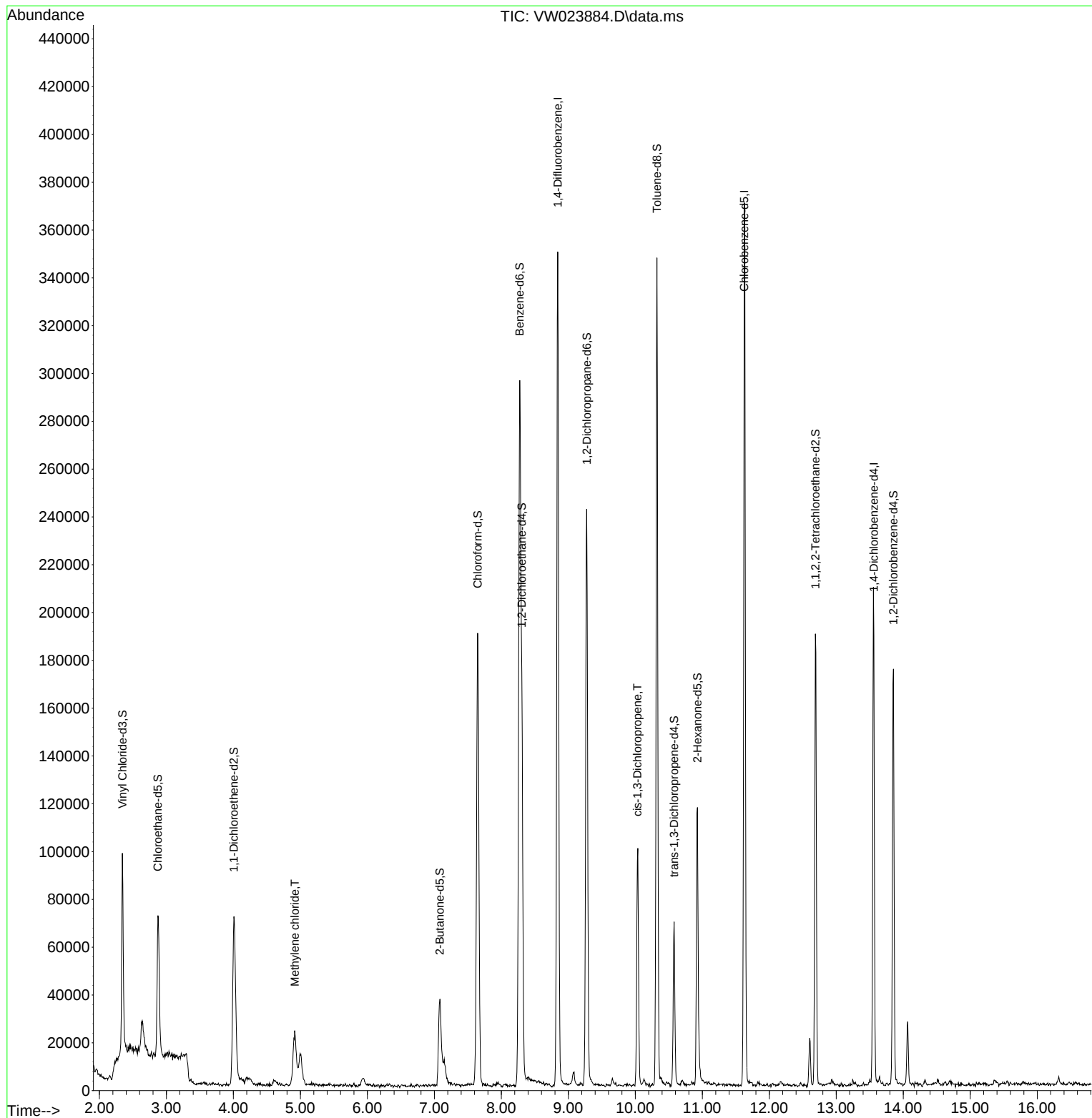
| Compound                      | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min)  |
|-------------------------------|--------|-------|----------|----------|--------|-----------|
| -----                         |        |       |          |          |        |           |
| Internal Standards            |        |       |          |          |        |           |
| 1) 1,4-Difluorobenzene        | 8.842  | 114   | 282175   | 25.000   | ug/L   | 0.00      |
| 28) Chlorobenzene-d5          | 11.628 | 117   | 199987   | 25.000   | ug/L   | 0.00      |
| 58) 1,4-Dichlorobenzene-d4    | 13.560 | 152   | 53689    | 25.000   | ug/L   | 0.00      |
|                               |        |       |          |          |        |           |
| System Monitoring Compounds   |        |       |          |          |        |           |
| 4) Vinyl Chloride-d3          | 2.343  | 65    | 83849    | 11.634   | ug/L   | 0.00      |
| Spiked Amount                 | 25.000 | Range | 30 - 150 | Recovery | =      | 46.520%   |
| 7) Chloroethane-d5            | 2.873  | 69    | 72405    | 15.060   | ug/L   | 0.00      |
| Spiked Amount                 | 25.000 | Range | 30 - 150 | Recovery | =      | 60.240%   |
| 11) 1,1-Dichloroethene-d2     | 4.007  | 63    | 72398    | 12.336   | ug/L   | 0.00      |
| Spiked Amount                 | 25.000 | Range | 45 - 110 | Recovery | =      | 49.360%   |
| 21) 2-Butanone-d5             | 7.080  | 46    | 58247    | 52.105   | ug/L   | 0.00      |
| Spiked Amount                 | 50.000 | Range | 20 - 135 | Recovery | =      | 104.200%  |
| 24) Chloroform-d              | 7.647  | 84    | 189642   | 23.084   | ug/L   | 0.00      |
| Spiked Amount                 | 25.000 | Range | 40 - 150 | Recovery | =      | 92.320%   |
| 26) 1,2-Dichloroethane-d4     | 8.305  | 65    | 113133   | 22.516   | ug/L   | 0.00      |
| Spiked Amount                 | 25.000 | Range | 70 - 130 | Recovery | =      | 90.080%   |
| 32) Benzene-d6                | 8.275  | 84    | 302282   | 29.077   | ug/L   | 0.00      |
| Spiked Amount                 | 25.000 | Range | 20 - 135 | Recovery | =      | 116.320%  |
| 36) 1,2-Dichloropropane-d6    | 9.274  | 67    | 107129   | 34.211   | ug/L   | 0.00      |
| Spiked Amount                 | 25.000 | Range | 70 - 120 | Recovery | =      | 136.840%# |
| 41) Toluene-d8                | 10.323 | 98    | 222392   | 21.090   | ug/L   | 0.00      |
| Spiked Amount                 | 25.000 | Range | 30 - 130 | Recovery | =      | 84.360%   |
| 43) trans-1,3-Dichloroprop... | 10.579 | 79    | 35346    | 24.080   | ug/L   | 0.00      |
| Spiked Amount                 | 25.000 | Range | 30 - 135 | Recovery | =      | 96.320%   |
| 47) 2-Hexanone-d5             | 10.927 | 63    | 36693    | 55.724   | ug/L   | 0.00      |
| Spiked Amount                 | 50.000 | Range | 20 - 135 | Recovery | =      | 111.440%  |
| 56) 1,1,2,2-Tetrachloroeth... | 12.688 | 84    | 91436    | 26.422   | ug/L   | 0.00      |
| Spiked Amount                 | 25.000 | Range | 45 - 120 | Recovery | =      | 105.680%  |
| 66) 1,2-Dichlorobenzene-d4    | 13.853 | 152   | 43242    | 22.562   | ug/L   | 0.00      |
| Spiked Amount                 | 25.000 | Range | 75 - 120 | Recovery | =      | 90.240%   |
|                               |        |       |          |          |        |           |
| Target Compounds              |        |       |          |          |        | Qvalue    |
| 16) Methylene chloride        | 4.915  | 84    | 18621    | 4.220    | ug/L   | 90        |
| 39) cis-1,3-Dichloropropene   | 10.030 | 75    | 2929     | 0.682    | ug/L # | 73        |
| -----                         |        |       |          |          |        |           |

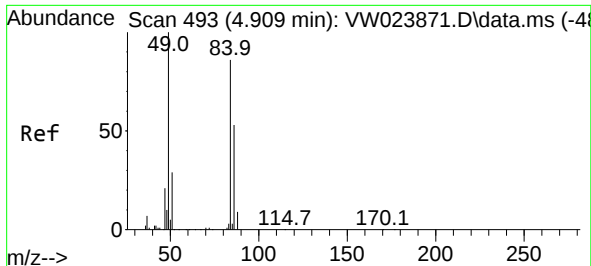
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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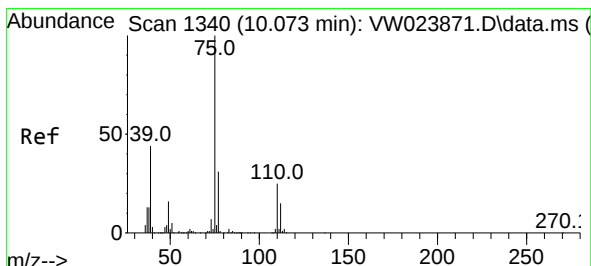
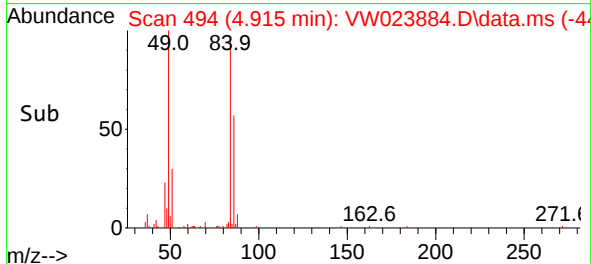
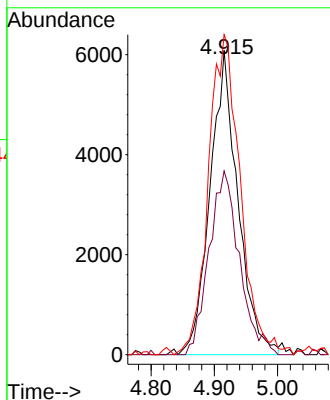
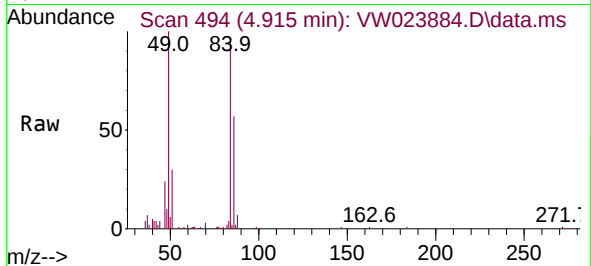




#16  
Methylene chloride  
Concen: 4.220 ug/L  
RT: 4.915 min Scan# 49  
Delta R.T. 0.006 min  
Lab File: VW023884.D  
Acq: 19 Jul 2022 15:06

Instrument :  
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Tgt Ion: 84 Resp: 18621  
Ion Ratio Lower Upper  
84 100  
86 60.3 42.8 79.6  
49 105.1 85.4 158.6



#39  
cis-1,3-Dichloropropene  
Concen: 0.682 ug/L  
RT: 10.030 min Scan# 1333  
Delta R.T. -0.043 min  
Lab File: VW023884.D  
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Tgt Ion: 75 Resp: 2929  
Ion Ratio Lower Upper  
75 100  
77 47.5 22.5 41.9

