

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW050522\  
 Data File : VW022864.D  
 Acq On : 06 May 2022 01:11  
 Operator : SY/VA  
 Sample : N2708-21  
 Misc : 4.61g/10mL/MSVOA\_W/SOIL  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 EXL48

Quant Time: May 06 02:58:14 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM050222SMA.M  
 Quant Title : SFAM01.0  
 QLast Update : Fri May 06 02:14:27 2022  
 Response via : Initial Calibration

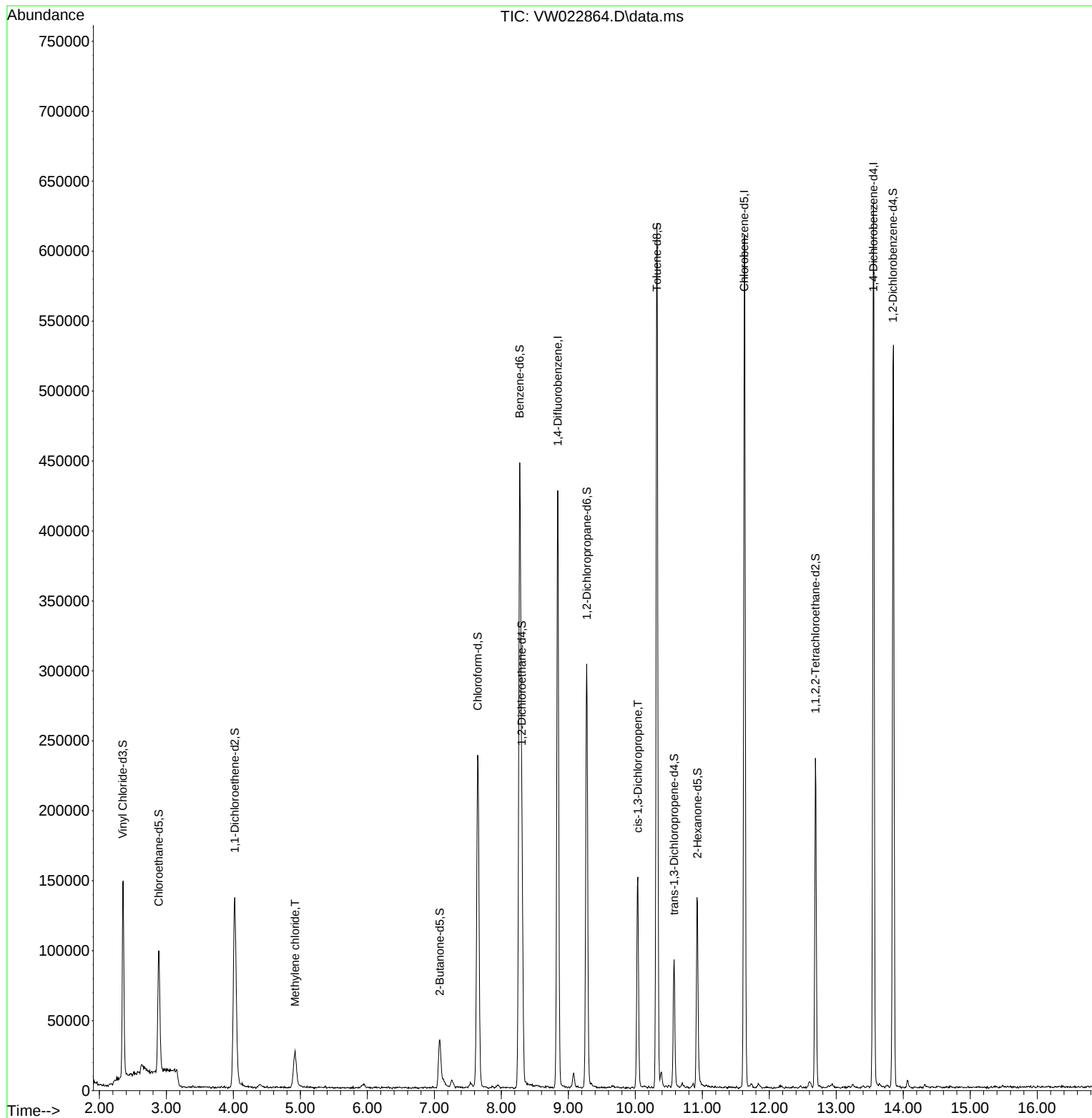
| Compound                      | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|--------|-------|----------|----------|--------|----------|
| -----                         |        |       |          |          |        |          |
| Internal Standards            |        |       |          |          |        |          |
| 1) 1,4-Difluorobenzene        | 8.842  | 114   | 349141   | 25.000   | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 11.628 | 117   | 322802   | 25.000   | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 13.554 | 152   | 152642   | 25.000   | ug/L   | 0.00     |
|                               |        |       |          |          |        |          |
| System Monitoring Compounds   |        |       |          |          |        |          |
| 4) Vinyl Chloride-d3          | 2.349  | 65    | 145381   | 20.296   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 150 | Recovery | =      | 81.200%  |
| 7) Chloroethane-d5            | 2.885  | 69    | 105576   | 22.655   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 150 | Recovery | =      | 90.600%  |
| 11) 1,1-Dichloroethene-d2     | 4.019  | 63    | 132224   | 14.286   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 45 - 110 | Recovery | =      | 57.160%  |
| 21) 2-Butanone-d5             | 7.080  | 46    | 55015    | 40.395   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 20 - 135 | Recovery | =      | 80.780%  |
| 24) Chloroform-d              | 7.647  | 84    | 238875   | 23.353   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 40 - 150 | Recovery | =      | 93.400%  |
| 26) 1,2-Dichloroethane-d4     | 8.305  | 65    | 130664   | 23.290   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 70 - 130 | Recovery | =      | 93.160%  |
| 32) Benzene-d6                | 8.275  | 84    | 451571   | 24.270   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 20 - 135 | Recovery | =      | 97.080%  |
| 36) 1,2-Dichloropropane-d6    | 9.274  | 67    | 135045   | 25.838   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 70 - 120 | Recovery | =      | 103.360% |
| 41) Toluene-d8                | 10.323 | 98    | 411907   | 22.917   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 130 | Recovery | =      | 91.680%  |
| 43) trans-1,3-Dichloroprop... | 10.579 | 79    | 47843    | 19.881   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 135 | Recovery | =      | 79.520%  |
| 47) 2-Hexanone-d5             | 10.927 | 63    | 45055    | 45.157   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 20 - 135 | Recovery | =      | 90.320%  |
| 56) 1,1,2,2-Tetrachloroeth... | 12.688 | 84    | 110951   | 22.776   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 45 - 120 | Recovery | =      | 91.120%  |
| 66) 1,2-Dichlorobenzene-d4    | 13.847 | 152   | 126077   | 23.628   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 75 - 120 | Recovery | =      | 94.520%  |
|                               |        |       |          |          |        |          |
| Target Compounds              |        |       |          |          |        | Qvalue   |
| 16) Methylene chloride        | 4.922  | 84    | 20719    | 4.056    | ug/L   | 96       |
| 39) cis-1,3-Dichloropropene   | 10.036 | 75    | 4984     | 0.698    | ug/L # | 51       |
| -----                         |        |       |          |          |        |          |

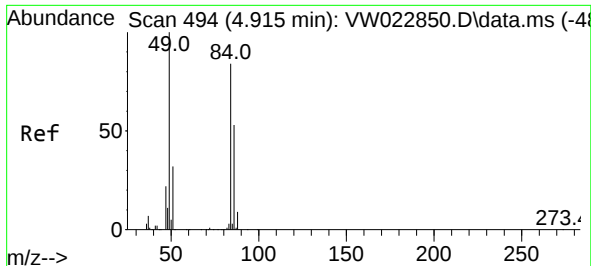
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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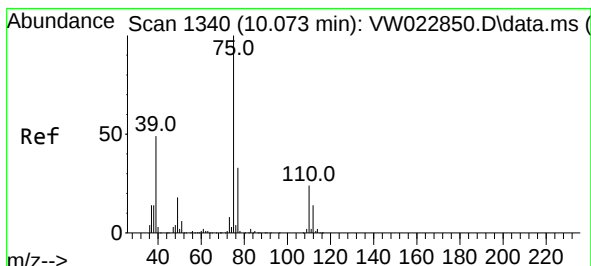
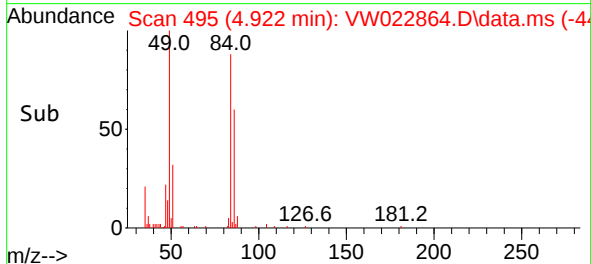
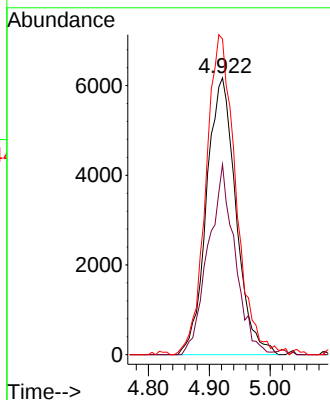
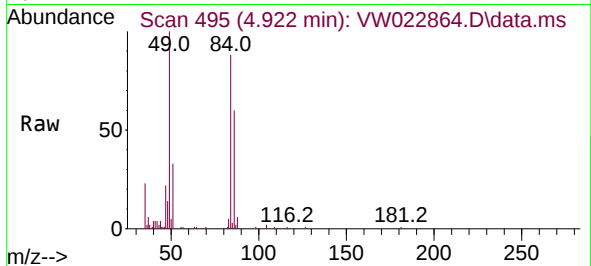




#16  
Methylene chloride  
Concen: 4.056 ug/L  
RT: 4.922 min Scan# 494  
Delta R.T. 0.006 min  
Lab File: VW022864.D  
Acq: 06 May 2022 01:11

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Tgt Ion: 84 Resp: 20719  
Ion Ratio Lower Upper  
84 100  
86 68.7 45.4 84.4  
49 114.0 82.5 153.1



#39  
cis-1,3-Dichloropropene  
Concen: 0.698 ug/L  
RT: 10.036 min Scan# 1334  
Delta R.T. -0.037 min  
Lab File: VW022864.D  
Acq: 06 May 2022 01:11

Tgt Ion: 75 Resp: 4984  
Ion Ratio Lower Upper  
75 100  
77 58.5 22.1 41.1#

