

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW081423\  
 Data File : VW026736.D  
 Acq On : 14 Aug 2023 15:17  
 Operator : SY/MD  
 Sample : 03968-33  
 Misc : 5.40g/10mL/MSVOA\_W/SOIL  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :

Quant Time: Aug 14 23:27:46 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM081023SMA.M  
 Quant Title : SFAM01.0  
 QLast Update : Mon Aug 14 23:23:26 2023  
 Response via : Initial Calibration

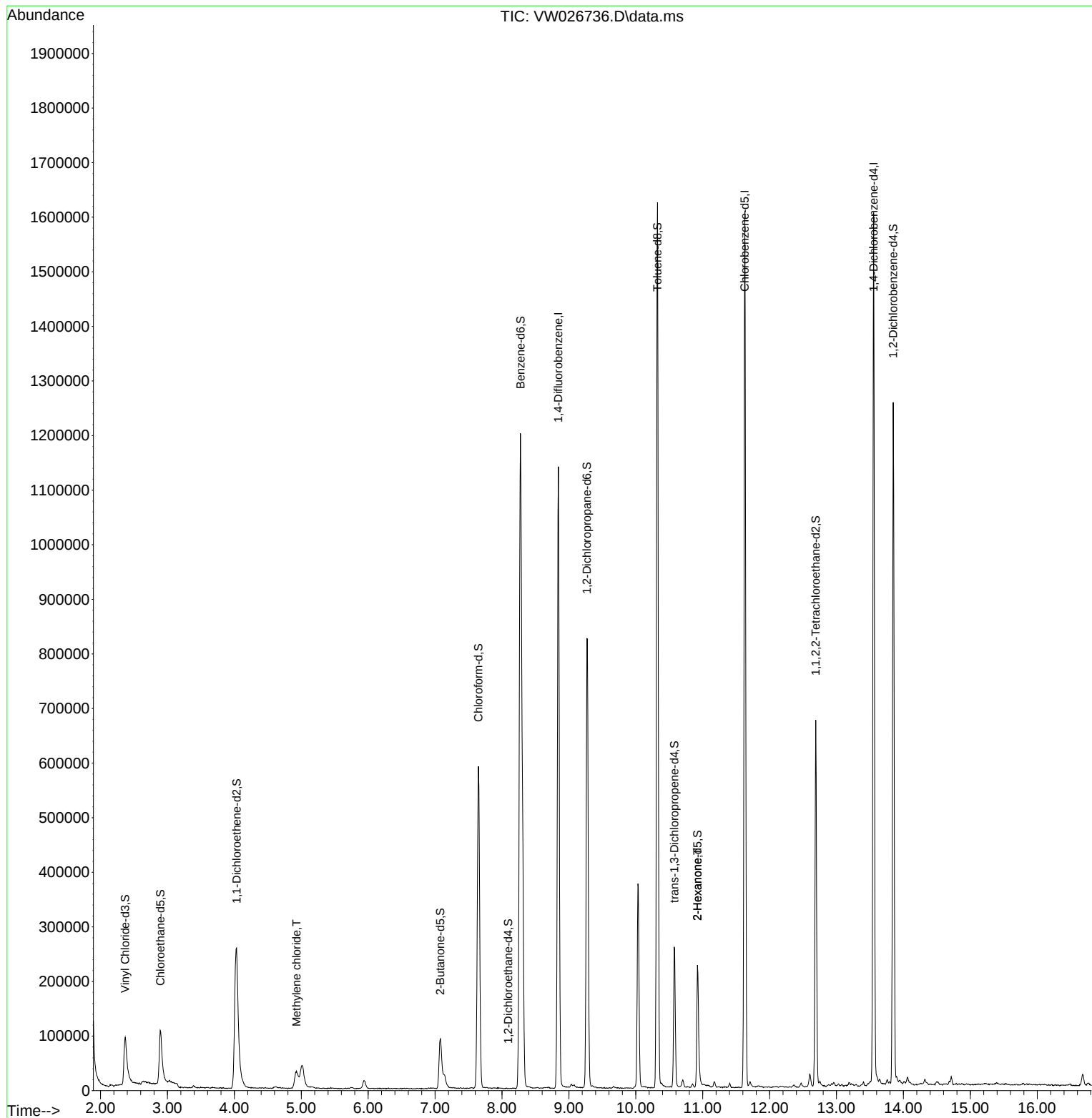
| Compound                      | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|--------|-------|----------|----------|--------|----------|
| -----                         |        |       |          |          |        |          |
| Internal Standards            |        |       |          |          |        |          |
| 1) 1,4-Difluorobenzene        | 8.843  | 114   | 867494   | 25.000   | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 11.629 | 117   | 829408   | 25.000   | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 13.556 | 152   | 377733   | 25.000   | ug/L   | 0.00     |
|                               |        |       |          |          |        |          |
| System Monitoring Compounds   |        |       |          |          |        |          |
| 4) Vinyl Chloride-d3          | 2.369  | 65    | 186544   | 13.081   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 150 | Recovery | =      | 52.320%  |
| 7) Chloroethane-d5            | 2.893  | 69    | 160876   | 15.171   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 150 | Recovery | =      | 60.680%  |
| 11) 1,1-Dichloroethene-d2     | 4.033  | 65    | 117533   | 16.757   | ug/L   | 0.01     |
| Spiked Amount                 | 25.000 | Range | 45 - 110 | Recovery | =      | 67.040%  |
| 21) 2-Butanone-d5             | 7.075  | 46    | 158648   | 38.706   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 20 - 135 | Recovery | =      | 77.420%  |
| 24) Chloroform-d              | 7.648  | 84    | 594412   | 20.416   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 40 - 150 | Recovery | =      | 81.680%  |
| 26) 1,2-Dichloroethane-d4     | 8.093  | 65    | 93       | 0.006    | ug/L   | -0.21    |
| Spiked Amount                 | 25.000 | Range | 70 - 130 | Recovery | =      | 0.040%#  |
| 32) Benzene-d6                | 8.276  | 84    | 1185567  | 20.740   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 20 - 135 | Recovery | =      | 82.960%  |
| 36) 1,2-Dichloropropane-d6    | 9.270  | 67    | 392592   | 22.049   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 70 - 120 | Recovery | =      | 88.200%  |
| 41) Toluene-d8                | 10.325 | 98    | 1021691  | 20.822   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 130 | Recovery | =      | 83.280%  |
| 43) trans-1,3-Dichloroprop... | 10.575 | 79    | 140433   | 19.102   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 135 | Recovery | =      | 76.400%  |
| 47) 2-Hexanone-d5             | 10.922 | 63    | 69526    | 37.161   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 20 - 135 | Recovery | =      | 74.320%  |
| 56) 1,1,2,2-Tetrachloroeth... | 12.690 | 84    | 331398   | 23.568   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 45 - 120 | Recovery | =      | 94.280%  |
| 66) 1,2-Dichlorobenzene-d4    | 13.848 | 152   | 295009   | 21.820   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 75 - 120 | Recovery | =      | 87.280%  |
|                               |        |       |          |          |        |          |
| Target Compounds              |        |       |          |          |        | Qvalue   |
| 16) Methylene chloride        | 4.929  | 84    | 30180    | 1.798    | ug/L   | 98       |
| 48) 2-Hexanone                | 10.922 | 43    | 17845    | 2.437    | ug/L # | 63       |
| -----                         |        |       |          |          |        |          |

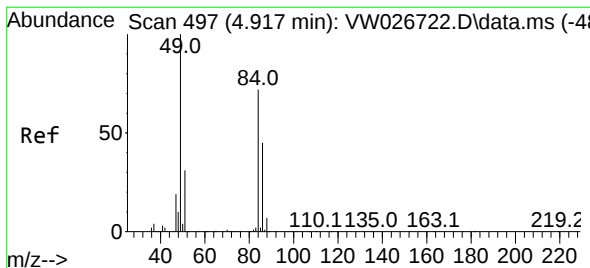
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#16

Methylene chloride

Concen: 1.798 ug/L

RT: 4.929 min Scan# 49

Delta R.T. 0.012 min

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MSVOA\_W

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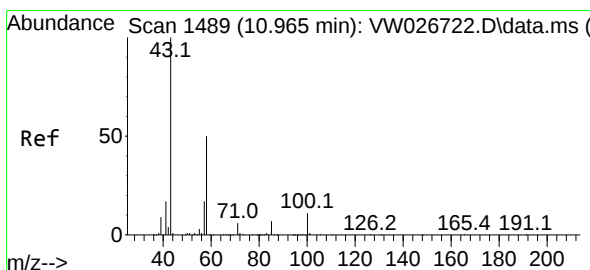
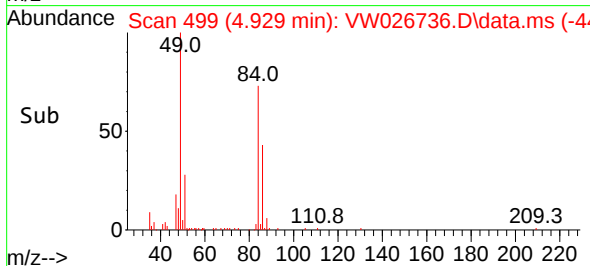
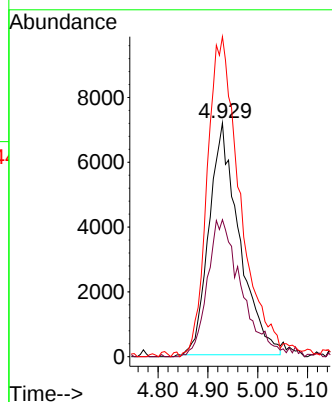
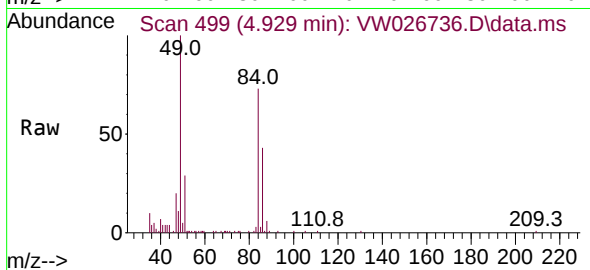
Tgt Ion: 84 Resp: 30180

Ion Ratio Lower Upper

84 100

86 58.6 43.5 80.9

49 136.9 96.0 178.2



#48

2-Hexanone

Concen: 2.437 ug/L

RT: 10.922 min Scan# 1482

Delta R.T. -0.043 min

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Acq: 14 Aug 2023 15:17

Tgt Ion: 43 Resp: 17845

Ion Ratio Lower Upper

43 100

58 16.9 41.1 61.7#

57 21.5 14.3 21.5

100 2.3 8.8 13.2#

