

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW091223\  
 Data File : VW027073.D  
 Acq On : 12 Sep 2023 17:06  
 Operator : SY/MD  
 Sample : 04330-13  
 Misc : 4.44g/10mL/MSVOA\_W/SOIL  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :

Quant Time: Sep 13 03:09:26 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM090523SMA.M  
 Quant Title : SFAM01.0  
 QLast Update : Sat Sep 09 02:59:49 2023  
 Response via : Initial Calibration

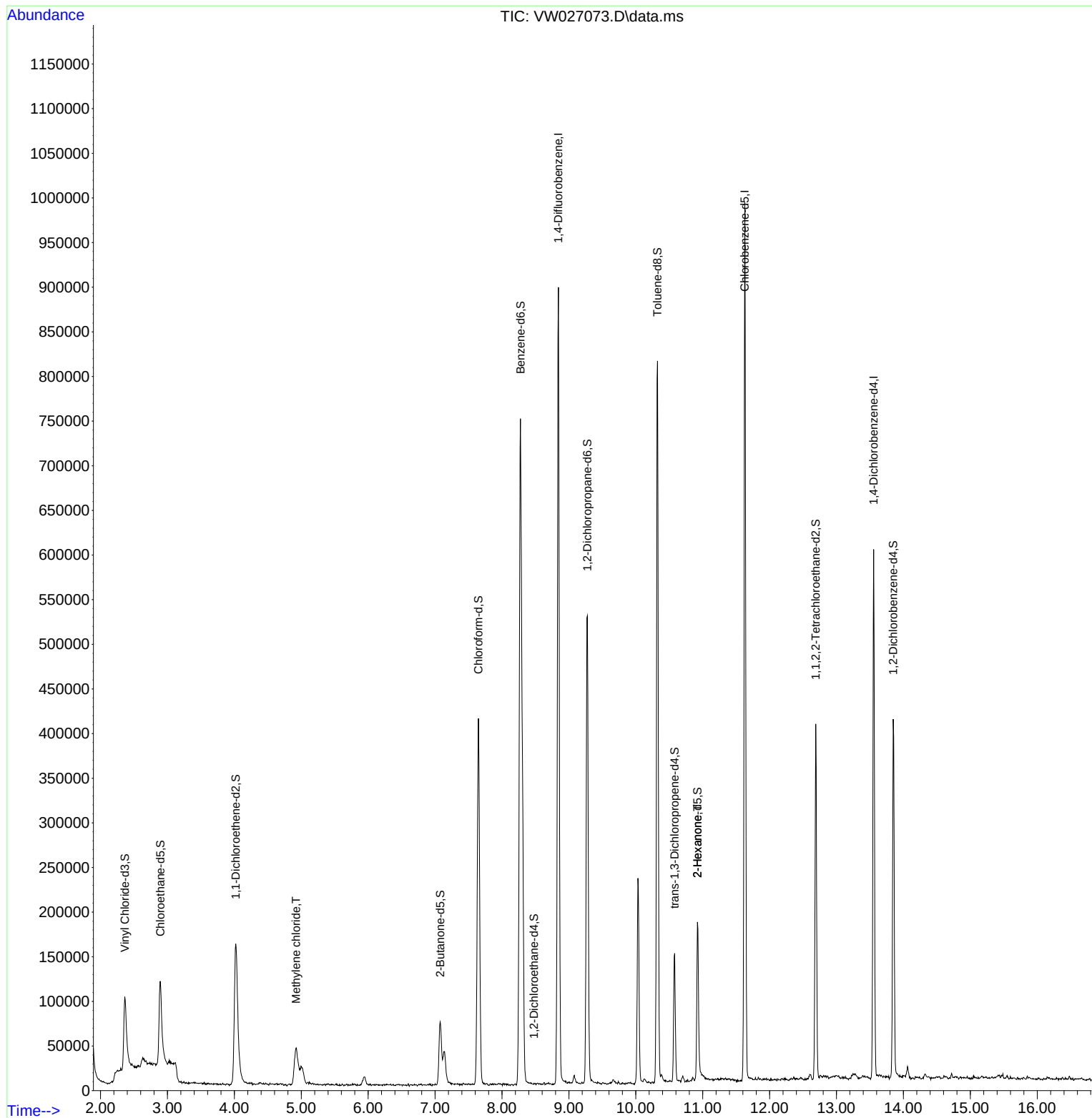
| Compound                      | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|--------|-------|----------|----------|--------|----------|
| -----                         |        |       |          |          |        |          |
| Internal Standards            |        |       |          |          |        |          |
| 1) 1,4-Difluorobenzene        | 8.843  | 114   | 759286   | 25.000   | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 11.629 | 117   | 547663   | 25.000   | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 13.556 | 152   | 158068   | 25.000   | ug/L   | 0.00     |
| System Monitoring Compounds   |        |       |          |          |        |          |
| 4) Vinyl Chloride-d3          | 2.363  | 65    | 162468   | 11.977   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 150 | Recovery | =      | 47.920%  |
| 7) Chloroethane-d5            | 2.893  | 69    | 166549   | 15.213   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 150 | Recovery | =      | 60.840%  |
| 11) 1,1-Dichloroethene-d2     | 4.021  | 65    | 35590    | 7.119    | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 45 - 110 | Recovery | =      | 28.480%# |
| 21) 2-Butanone-d5             | 7.075  | 46    | 118062   | 45.169   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 20 - 135 | Recovery | =      | 90.340%  |
| 24) Chloroform-d              | 7.648  | 84    | 427139   | 18.905   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 40 - 150 | Recovery | =      | 75.640%  |
| 26) 1,2-Dichloroethane-d4     | 8.477  | 65    | 184      | 0.015    | ug/L   | 0.17     |
| Spiked Amount                 | 25.000 | Range | 70 - 130 | Recovery | =      | 0.080%#  |
| 32) Benzene-d6                | 8.276  | 84    | 790608   | 22.009   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 20 - 135 | Recovery | =      | 88.040%  |
| 36) 1,2-Dichloropropane-d6    | 9.276  | 67    | 262681   | 24.908   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 70 - 120 | Recovery | =      | 99.640%  |
| 41) Toluene-d8                | 10.325 | 98    | 567744   | 17.457   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 130 | Recovery | =      | 69.840%  |
| 43) trans-1,3-Dichloroprop... | 10.581 | 79    | 85231    | 20.826   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 135 | Recovery | =      | 83.320%  |
| 47) 2-Hexanone-d5             | 10.922 | 63    | 62251    | 63.227   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 20 - 135 | Recovery | =      | 126.460% |
| 56) 1,1,2,2-Tetrachloroeth... | 12.690 | 84    | 202008   | 24.683   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 45 - 120 | Recovery | =      | 98.720%  |
| 66) 1,2-Dichlorobenzene-d4    | 13.848 | 152   | 111871   | 20.463   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 75 - 120 | Recovery | =      | 81.840%  |
| Target Compounds              |        |       |          |          |        |          |
|                               |        |       |          |          | Qvalue |          |
| 16) Methylene chloride        | 4.923  | 84    | 47302    | 3.216    | ug/L   | 82       |
| 48) 2-Hexanone                | 10.922 | 43    | 8591     | 2.555    | ug/L   | # 67     |
| -----                         |        |       |          |          |        |          |

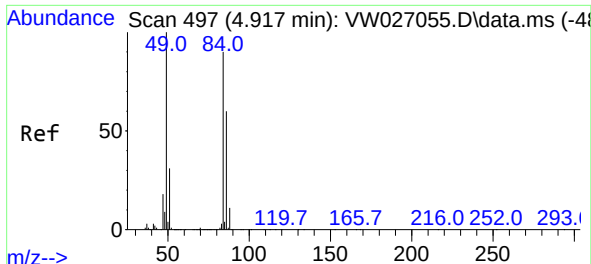
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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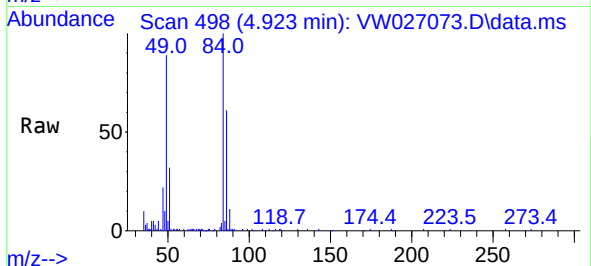
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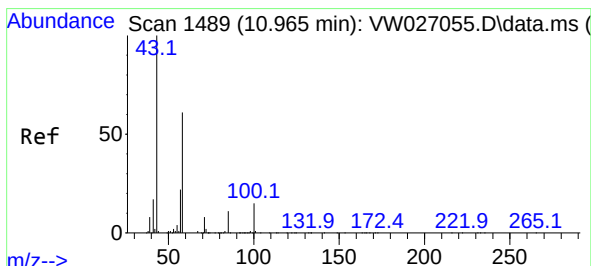
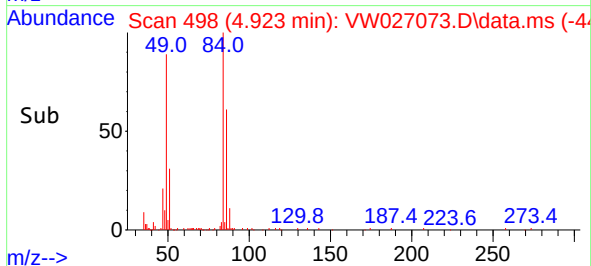
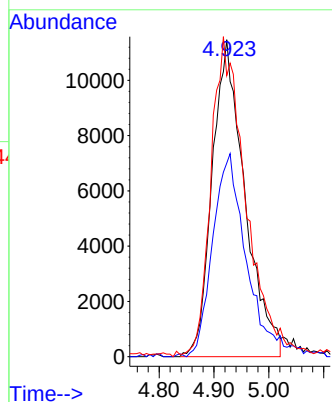


#16  
Methylene chloride  
Concen: 3.216 ug/L  
RT: 4.923 min Scan# 49  
Delta R.T. -0.000 min  
Lab File: VW027073.D  
Acq: 12 Sep 2023 17:06

Instrument :  
MSVOA\_W  
ClientSampleId :



Tgt Ion: 84 Resp: 47302  
Ion Ratio Lower Upper  
84 100  
86 61.1 44.1 81.9  
49 88.7 82.1 152.5



#48  
2-Hexanone  
Concen: 2.555 ug/L  
RT: 10.922 min Scan# 1482  
Delta R.T. -0.043 min  
Lab File: VW027073.D  
Acq: 12 Sep 2023 17:06

Tgt Ion: 43 Resp: 8591  
Ion Ratio Lower Upper  
43 100  
58 31.2 47.5 71.3#  
57 33.7 15.2 22.8#  
100 8.5 10.5 15.7#

