

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW050823\  
 Data File : VW025876.D  
 Acq On : 08 May 2023 13:39  
 Operator : SY/MD  
 Sample : 02592-26  
 Misc : 4.81g/10mL/MSVOA\_W/SOIL  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :

Quant Time: May 09 02:57:11 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM050123SMA.M  
 Quant Title : SFAM01.0  
 QLast Update : Fri May 05 23:47:36 2023  
 Response via : Initial Calibration

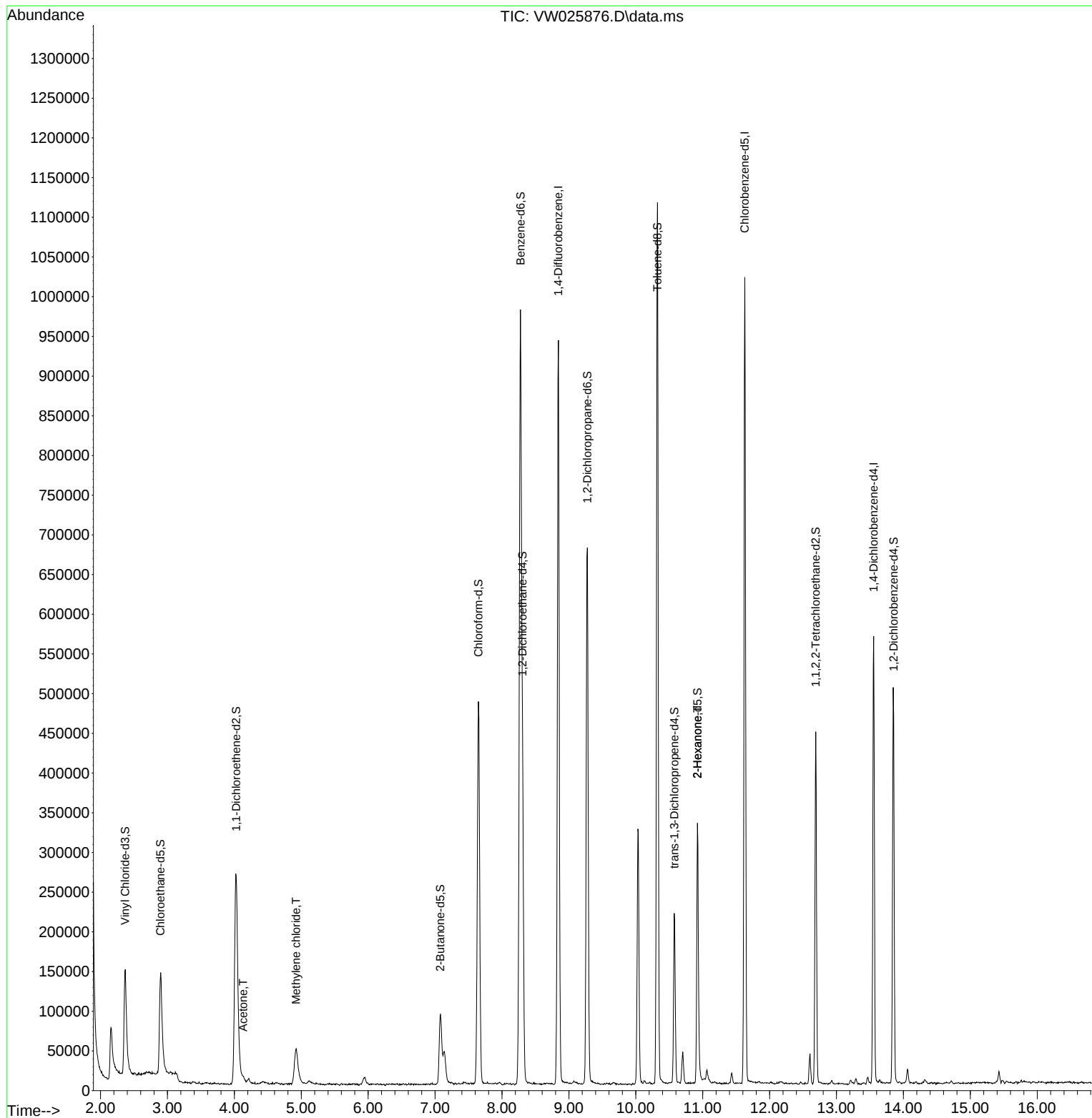
| Compound                      | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|--------|-------|----------|----------|--------|----------|
| -----                         |        |       |          |          |        |          |
| Internal Standards            |        |       |          |          |        |          |
| 1) 1,4-Difluorobenzene        | 8.843  | 114   | 732362   | 25.000   | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 11.629 | 117   | 522102   | 25.000   | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 13.556 | 152   | 141292   | 25.000   | ug/L   | 0.00     |
|                               |        |       |          |          |        |          |
| System Monitoring Compounds   |        |       |          |          |        |          |
| 4) Vinyl Chloride-d3          | 2.369  | 65    | 217830   | 20.989   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 150 | Recovery | =      | 83.960%  |
| 7) Chloroethane-d5            | 2.893  | 69    | 198508   | 25.800   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 150 | Recovery | =      | 103.200% |
| 11) 1,1-Dichloroethene-d2     | 4.027  | 65    | 108061   | 20.794   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 45 - 110 | Recovery | =      | 83.160%  |
| 21) 2-Butanone-d5             | 7.075  | 46    | 157864   | 46.013   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 20 - 135 | Recovery | =      | 92.020%  |
| 24) Chloroform-d              | 7.648  | 84    | 481300   | 22.791   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 40 - 150 | Recovery | =      | 91.160%  |
| 26) 1,2-Dichloroethane-d4     | 8.307  | 65    | 295464   | 24.743   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 70 - 130 | Recovery | =      | 98.960%  |
| 32) Benzene-d6                | 8.276  | 84    | 949216   | 27.824   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 20 - 135 | Recovery | =      | 111.280% |
| 36) 1,2-Dichloropropane-d6    | 9.276  | 67    | 320256   | 29.340   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 70 - 120 | Recovery | =      | 117.360% |
| 41) Toluene-d8                | 10.325 | 98    | 709736   | 23.330   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 130 | Recovery | =      | 93.320%  |
| 43) trans-1,3-Dichloroprop... | 10.575 | 79    | 115766   | 26.165   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 135 | Recovery | =      | 104.640% |
| 47) 2-Hexanone-d5             | 10.922 | 63    | 108688   | 58.394   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 20 - 135 | Recovery | =      | 116.780% |
| 56) 1,1,2,2-Tetrachloroeth... | 12.690 | 84    | 222928   | 26.796   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 45 - 120 | Recovery | =      | 107.200% |
| 66) 1,2-Dichlorobenzene-d4    | 13.855 | 152   | 123322   | 23.943   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 75 - 120 | Recovery | =      | 95.760%  |
|                               |        |       |          |          |        |          |
| Target Compounds              |        |       |          |          | Qvalue |          |
| 13) Acetone                   | 4.131  | 43    | 10002    | 3.288    | ug/L   | 72       |
| 16) Methylene chloride        | 4.923  | 84    | 40712    | 2.696    | ug/L   | 96       |
| 48) 2-Hexanone                | 10.922 | 43    | 17571    | 3.808    | ug/L # | 66       |
| -----                         |        |       |          |          |        |          |

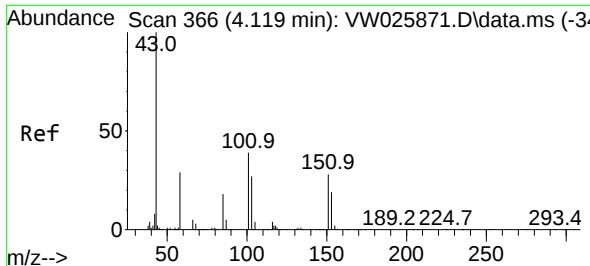
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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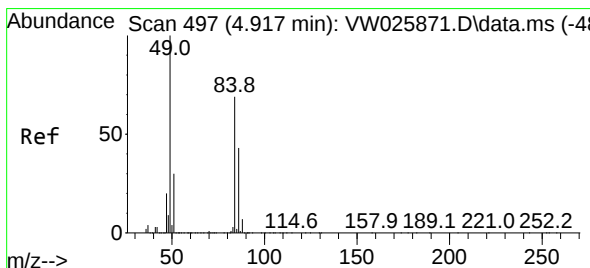
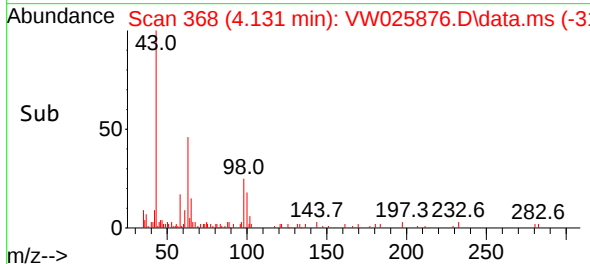
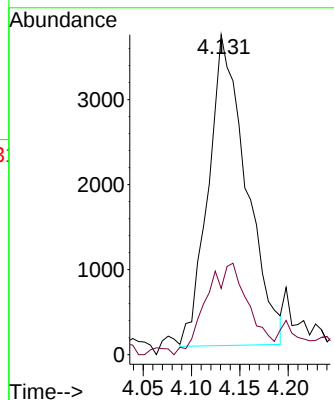
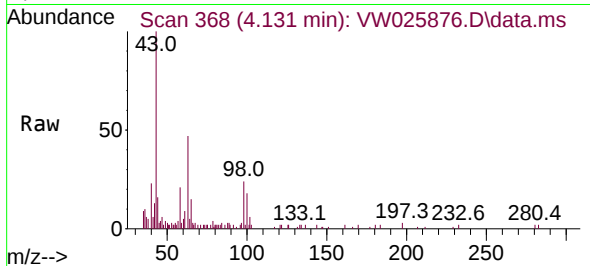




#13  
Acetone  
Concen: 3.288 ug/L  
RT: 4.131 min Scan# 368  
Delta R.T. 0.000 min  
Lab File: VW025876.D  
Acq: 08 May 2023 13:39

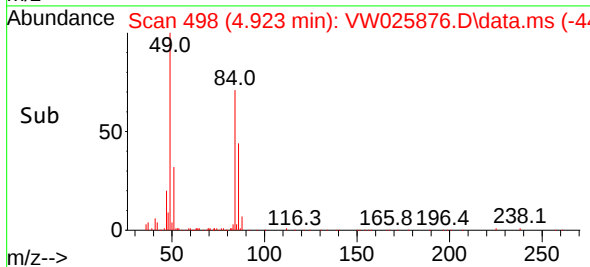
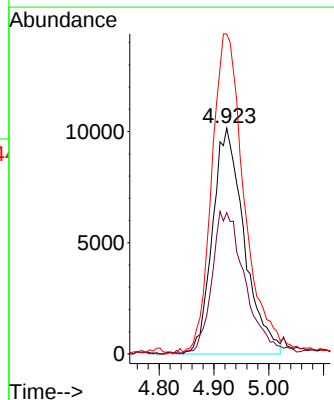
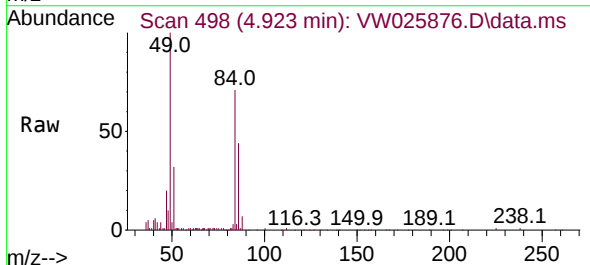
Instrument :  
MSVOA\_W  
ClientSampleId :

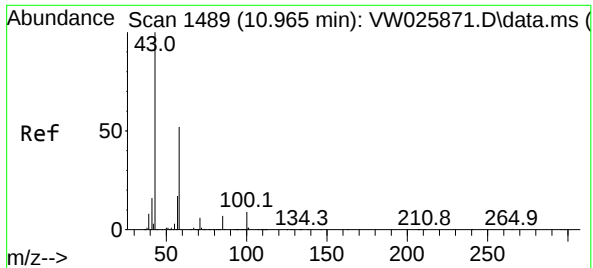
Tgt Ion: 43 Resp: 10002  
Ion Ratio Lower Upper  
43 100  
58 14.1 0.0 58.2



#16  
Methylene chloride  
Concen: 2.696 ug/L  
RT: 4.923 min Scan# 498  
Delta R.T. 0.012 min  
Lab File: VW025876.D  
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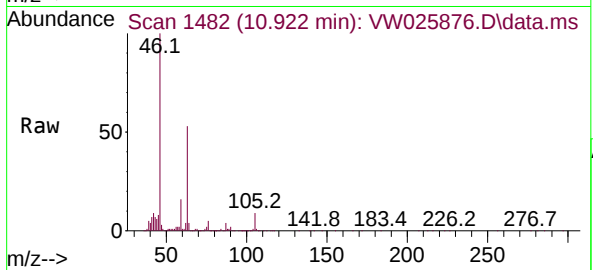
Tgt Ion: 84 Resp: 40712  
Ion Ratio Lower Upper  
84 100  
86 62.6 41.7 77.5  
49 141.7 95.3 177.1





#48  
 2-Hexanone  
 Concen: 3.808 ug/L  
 RT: 10.922 min Scan# 14  
 Delta R.T. -0.043 min  
 Lab File: VW025876.D  
 Acq: 08 May 2023 13:39

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 ClientSampleId :



|             |                 |
|-------------|-----------------|
| Tgt Ion: 43 | Resp: 17571     |
| Ion Ratio   | Lower Upper     |
| 43          | 100             |
| 58          | 21.1 40.8 61.2# |
| 57          | 22.6 13.6 20.4# |
| 100         | 2.0 8.0 12.0#   |

