

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW050923\  
 Data File : VW025907.D  
 Acq On : 09 May 2023 14:51  
 Operator : SY/MD  
 Sample : 02612-31  
 Misc : 4.32g/10mL/MSVOA\_W/SOIL  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 JREH4

Quant Time: May 09 23:20:43 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

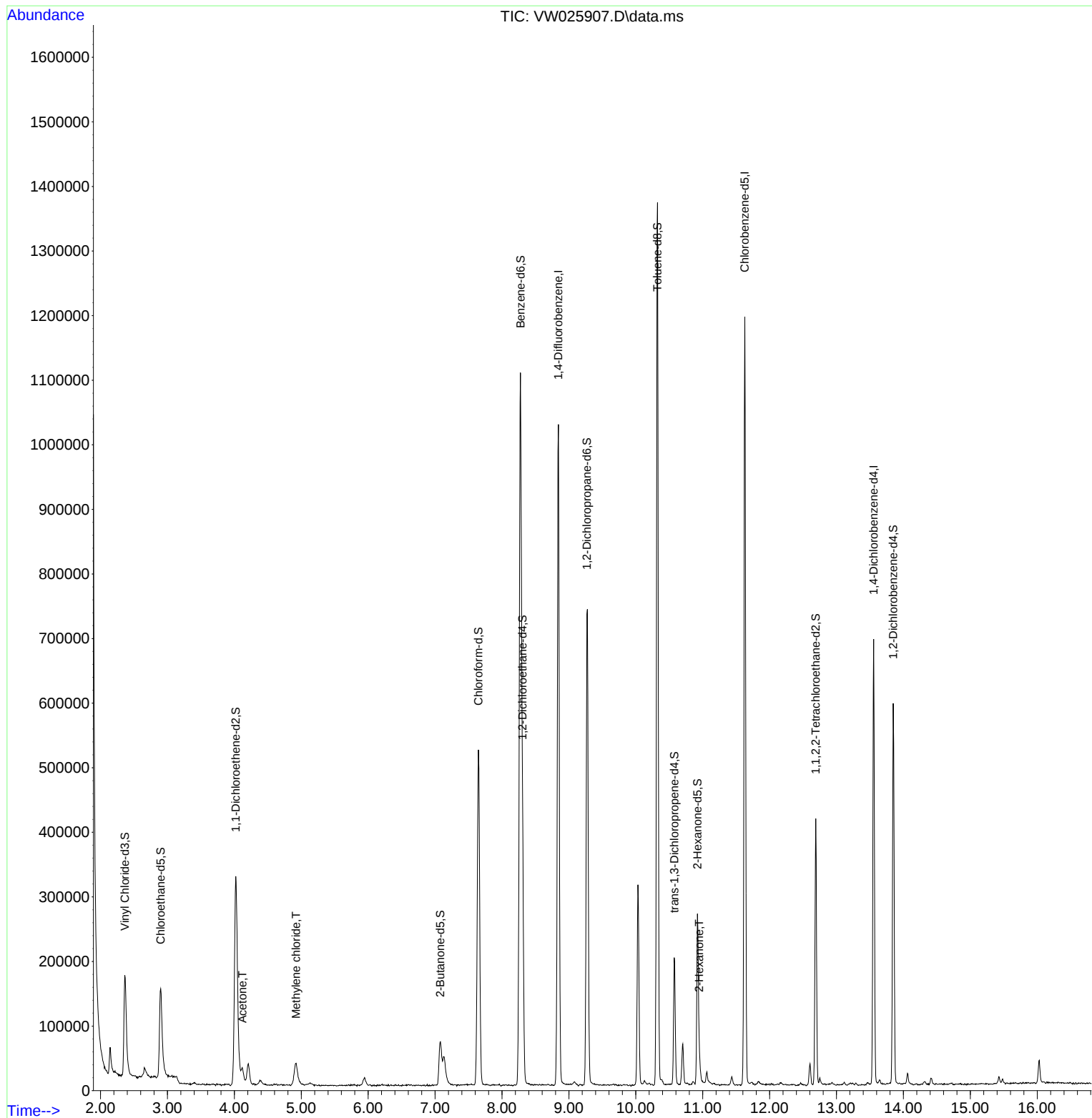
| Compound                      | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|--------|-------|----------|----------|--------|----------|
| -----                         |        |       |          |          |        |          |
| Internal Standards            |        |       |          |          |        |          |
| 1) 1,4-Difluorobenzene        | 8.843  | 114   | 806476   | 25.000   | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 11.629 | 117   | 618525   | 25.000   | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 13.556 | 152   | 160421   | 25.000   | ug/L   | 0.00     |
|                               |        |       |          |          |        |          |
| System Monitoring Compounds   |        |       |          |          |        |          |
| 4) Vinyl Chloride-d3          | 2.363  | 65    | 257499   | 22.532   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 150 | Recovery | =      | 90.120%  |
| 7) Chloroethane-d5            | 2.899  | 69    | 218454   | 25.784   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 150 | Recovery | =      | 103.120% |
| 11) 1,1-Dichloroethene-d2     | 4.021  | 65    | 125610   | 21.950   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 45 - 110 | Recovery | =      | 87.800%  |
| 21) 2-Butanone-d5             | 7.075  | 46    | 118666   | 31.409   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 20 - 135 | Recovery | =      | 62.820%  |
| 24) Chloroform-d              | 7.648  | 84    | 524098   | 22.537   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 40 - 150 | Recovery | =      | 90.160%  |
| 26) 1,2-Dichloroethane-d4     | 8.307  | 65    | 299751   | 22.795   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 70 - 130 | Recovery | =      | 91.160%  |
| 32) Benzene-d6                | 8.276  | 84    | 1080945  | 26.746   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 20 - 135 | Recovery | =      | 107.000% |
| 36) 1,2-Dichloropropane-d6    | 9.270  | 67    | 349080   | 26.995   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 70 - 120 | Recovery | =      | 108.000% |
| 41) Toluene-d8                | 10.325 | 98    | 875152   | 24.283   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 130 | Recovery | =      | 97.120%  |
| 43) trans-1,3-Dichloroprop... | 10.575 | 79    | 106617   | 20.340   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 135 | Recovery | =      | 81.360%  |
| 47) 2-Hexanone-d5             | 10.922 | 63    | 83122    | 37.697   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 20 - 135 | Recovery | =      | 75.400%  |
| 56) 1,1,2,2-Tetrachloroeth... | 12.690 | 84    | 205705   | 20.871   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 45 - 120 | Recovery | =      | 83.480%  |
| 66) 1,2-Dichlorobenzene-d4    | 13.848 | 152   | 144567   | 24.721   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 75 - 120 | Recovery | =      | 98.880%  |
|                               |        |       |          |          |        |          |
| Target Compounds              |        |       |          |          | Qvalue |          |
| 13) Acetone                   | 4.118  | 43    | 36020    | 10.752   | ug/L   | 99       |
| 16) Methylene chloride        | 4.923  | 84    | 28327    | 1.703    | ug/L   | 95       |
| 48) 2-Hexanone                | 10.946 | 43    | 18213    | 3.331    | ug/L # | 41       |
| -----                         |        |       |          |          |        |          |

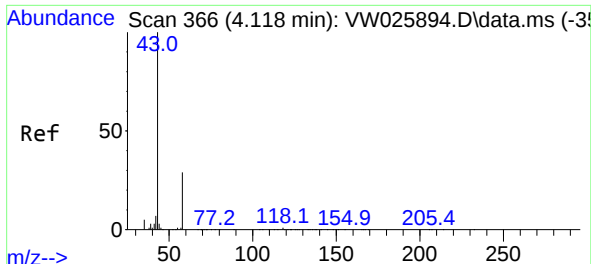
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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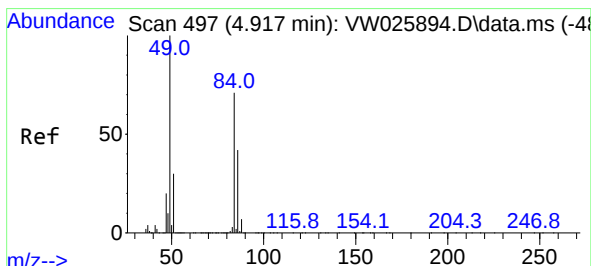
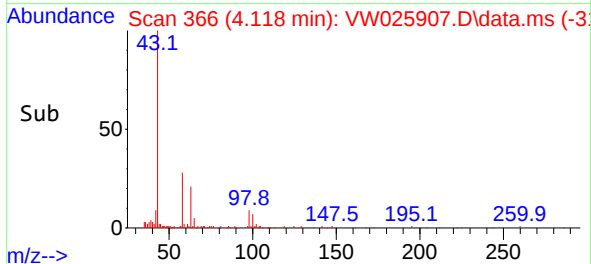
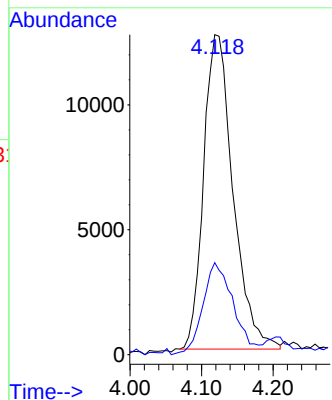
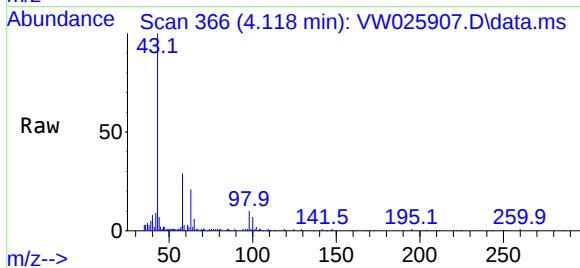




#13  
Acetone  
Concen: 10.752 ug/L  
RT: 4.118 min Scan# 366  
Delta R.T. -0.012 min  
Lab File: VW025907.D  
Acq: 09 May 2023 14:51

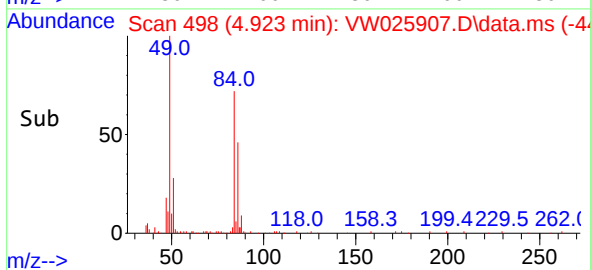
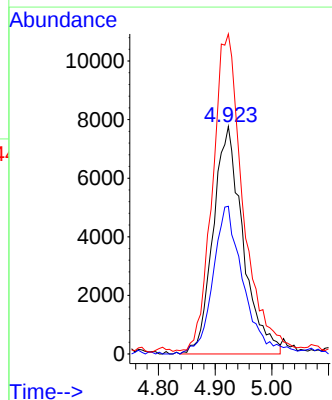
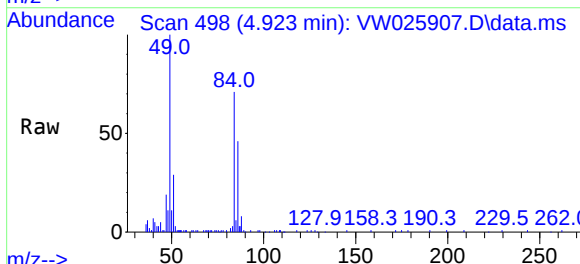
Instrument :  
MSVOA\_W  
ClientSampleId :  
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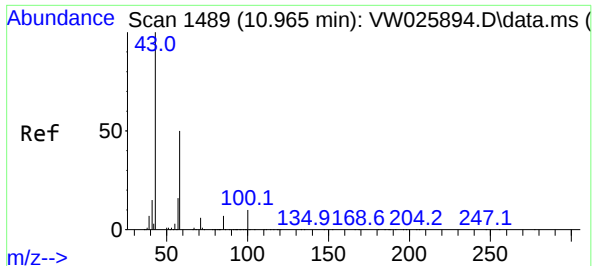
Tgt Ion: 43 Resp: 36020  
Ion Ratio Lower Upper  
43 100  
58 29.5 0.0 58.2



#16  
Methylene chloride  
Concen: 1.703 ug/L  
RT: 4.923 min Scan# 498  
Delta R.T. 0.012 min  
Lab File: VW025907.D  
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Tgt Ion: 84 Resp: 28327  
Ion Ratio Lower Upper  
84 100  
86 64.9 41.7 77.5  
49 140.7 95.3 177.1





#48  
2-Hexanone  
Concen: 3.331 ug/L  
RT: 10.946 min Scan# 14  
Delta R.T. -0.018 min  
Lab File: VW025907.D  
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ClientSampleId :  
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|             |             |
|-------------|-------------|
| Tgt Ion: 43 | Resp: 18213 |
| Ion Ratio   | Lower Upper |
| 43 100      |             |
| 58 0.0      | 40.8 61.2#  |
| 57 0.9      | 13.6 20.4#  |
| 100 0.6     | 8.0 12.0#   |

