

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW050823\  
 Data File : VW025883.D  
 Acq On : 08 May 2023 16:27  
 Operator : SY/MD  
 Sample : 02592-34  
 Misc : 4.73g/10mL/MSVOA\_W/SOIL  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :

Quant Time: May 09 02:58:58 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

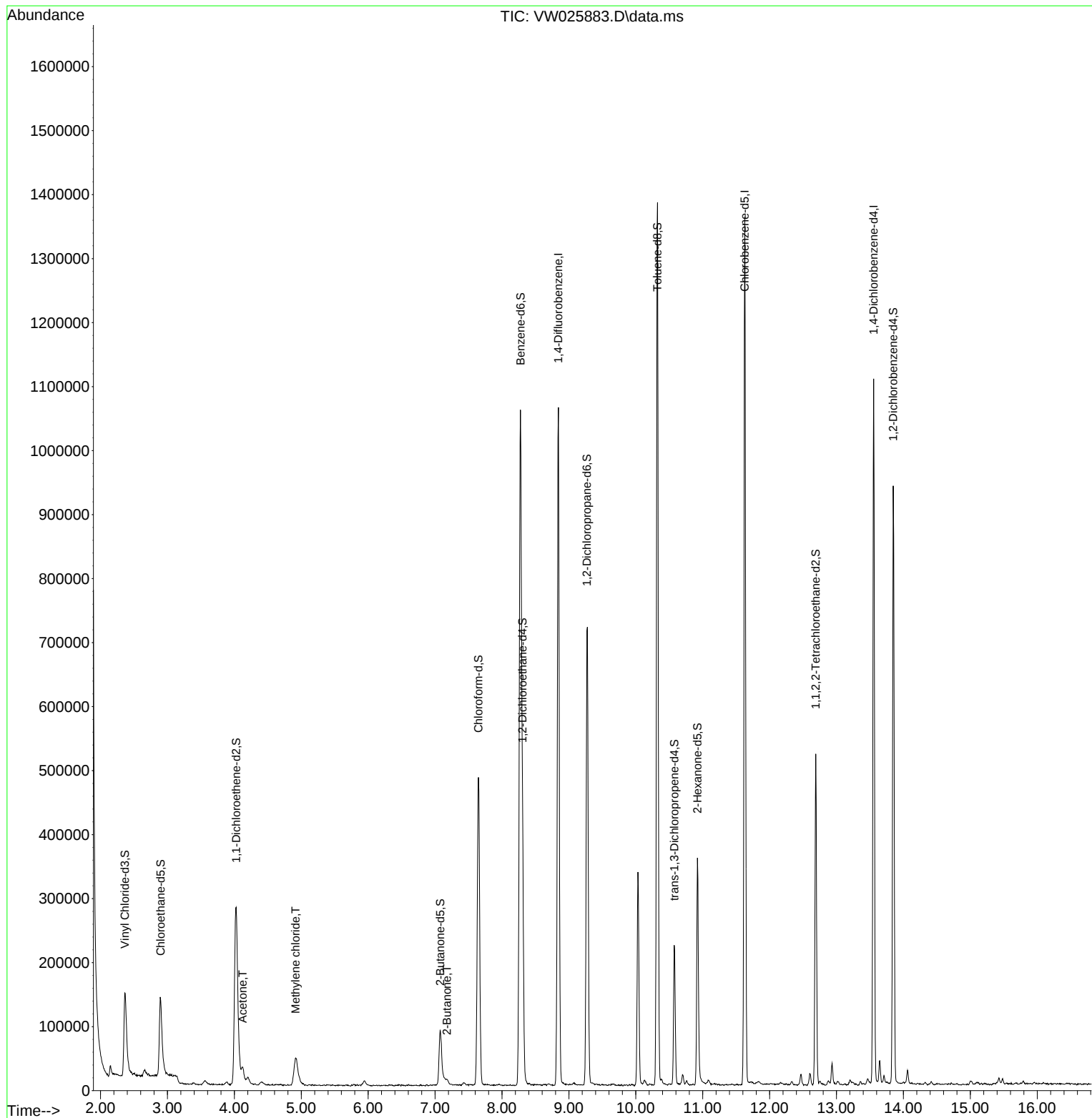
| Compound                      | R.T.   | QIon           | Response | Conc   | Units   | Dev(Min) |
|-------------------------------|--------|----------------|----------|--------|---------|----------|
| -----                         |        |                |          |        |         |          |
| Internal Standards            |        |                |          |        |         |          |
| 1) 1,4-Difluorobenzene        | 8.843  | 114            | 832857   | 25.000 | ug/L    | 0.00     |
| 28) Chlorobenzene-d5          | 11.629 | 117            | 690979   | 25.000 | ug/L    | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 13.556 | 152            | 267134   | 25.000 | ug/L    | 0.00     |
|                               |        |                |          |        |         |          |
| System Monitoring Compounds   |        |                |          |        |         |          |
| 4) Vinyl Chloride-d3          | 2.363  | 65             | 245697   | 20.818 | ug/L    | 0.00     |
| Spiked Amount                 | 25.000 | Range 30 - 150 | Recovery | =      | 83.280% |          |
| 7) Chloroethane-d5            | 2.899  | 69             | 196208   | 22.424 | ug/L    | 0.00     |
| Spiked Amount                 | 25.000 | Range 30 - 150 | Recovery | =      | 89.680% |          |
| 11) 1,1-Dichloroethene-d2     | 4.027  | 65             | 118651   | 20.077 | ug/L    | 0.00     |
| Spiked Amount                 | 25.000 | Range 45 - 110 | Recovery | =      | 80.320% |          |
| 21) 2-Butanone-d5             | 7.075  | 46             | 157259   | 40.306 | ug/L    | 0.00     |
| Spiked Amount                 | 50.000 | Range 20 - 135 | Recovery | =      | 80.620% |          |
| 24) Chloroform-d              | 7.648  | 84             | 493552   | 20.551 | ug/L    | 0.00     |
| Spiked Amount                 | 25.000 | Range 40 - 150 | Recovery | =      | 82.200% |          |
| 26) 1,2-Dichloroethane-d4     | 8.307  | 65             | 300437   | 22.123 | ug/L    | 0.00     |
| Spiked Amount                 | 25.000 | Range 70 - 130 | Recovery | =      | 88.480% |          |
| 32) Benzene-d6                | 8.276  | 84             | 1047967  | 23.211 | ug/L    | 0.00     |
| Spiked Amount                 | 25.000 | Range 20 - 135 | Recovery | =      | 92.840% |          |
| 36) 1,2-Dichloropropane-d6    | 9.270  | 67             | 345544   | 23.920 | ug/L    | 0.00     |
| Spiked Amount                 | 25.000 | Range 70 - 120 | Recovery | =      | 95.680% |          |
| 41) Toluene-d8                | 10.325 | 98             | 888466   | 22.068 | ug/L    | 0.00     |
| Spiked Amount                 | 25.000 | Range 30 - 130 | Recovery | =      | 88.280% |          |
| 43) trans-1,3-Dichloroprop... | 10.574 | 79             | 118168   | 20.180 | ug/L    | 0.00     |
| Spiked Amount                 | 25.000 | Range 30 - 135 | Recovery | =      | 80.720% |          |
| 47) 2-Hexanone-d5             | 10.922 | 63             | 116353   | 47.234 | ug/L    | 0.00     |
| Spiked Amount                 | 50.000 | Range 20 - 135 | Recovery | =      | 94.460% |          |
| 56) 1,1,2,2-Tetrachloroeth... | 12.690 | 84             | 256408   | 23.288 | ug/L    | 0.00     |
| Spiked Amount                 | 25.000 | Range 45 - 120 | Recovery | =      | 93.160% |          |
| 66) 1,2-Dichlorobenzene-d4    | 13.848 | 152            | 221520   | 22.748 | ug/L    | 0.00     |
| Spiked Amount                 | 25.000 | Range 75 - 120 | Recovery | =      | 91.000% |          |
|                               |        |                |          |        |         |          |
| Target Compounds              |        |                |          |        | Qvalue  |          |
| 13) Acetone                   | 4.124  | 43             | 38444    | 11.112 | ug/L    | 98       |
| 16) Methylene chloride        | 4.917  | 84             | 33927    | 1.975  | ug/L    | 95       |
| 22) 2-Butanone                | 7.179  | 43             | 15378    | 3.219  | ug/L    | 100      |
| -----                         |        |                |          |        |         |          |

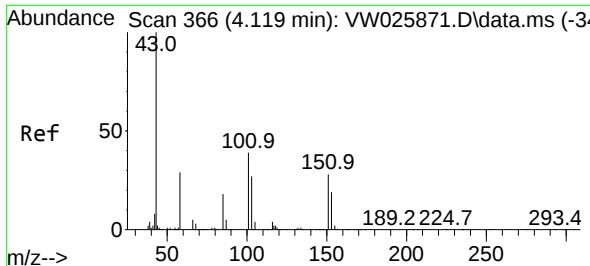
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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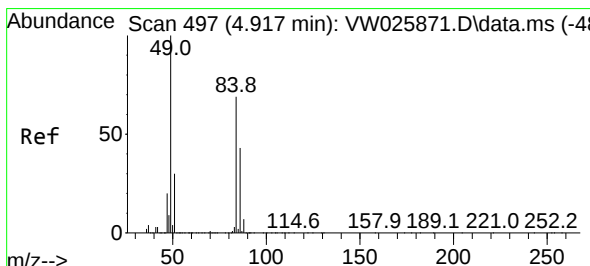
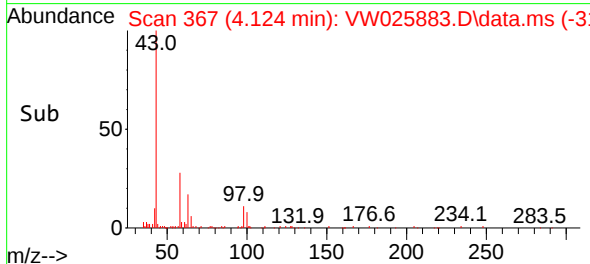
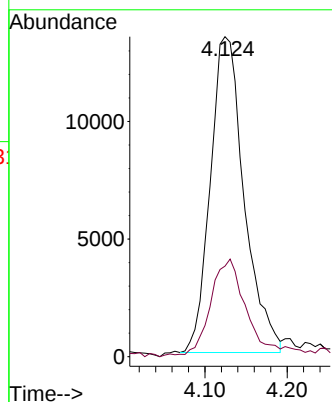
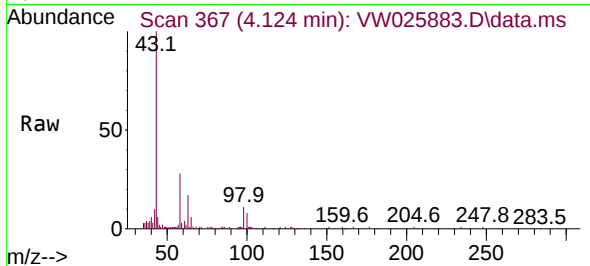




#13  
Acetone  
Concen: 11.112 ug/L  
RT: 4.124 min Scan# 367  
Delta R.T. -0.006 min  
Lab File: VW025883.D  
Acq: 08 May 2023 16:27

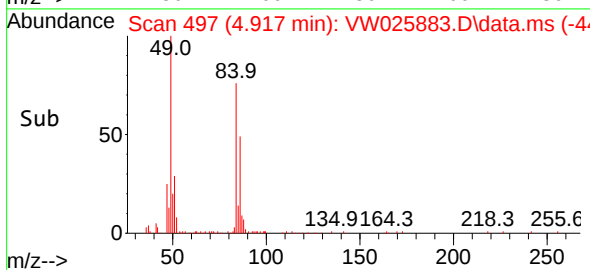
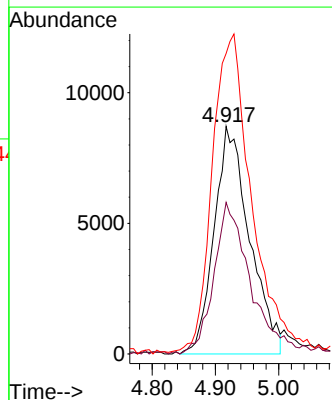
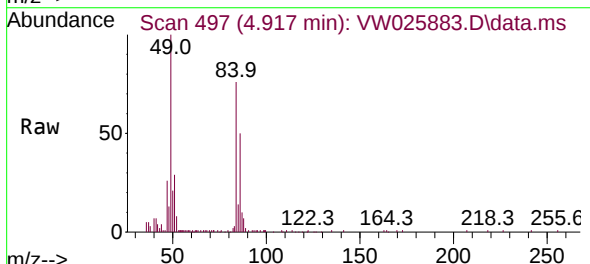
Instrument :  
MSVOA\_W  
ClientSampleId :

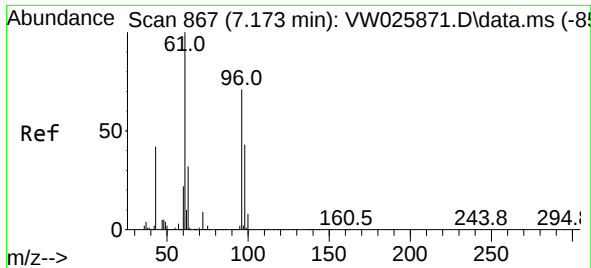
Tgt Ion: 43 Resp: 38444  
Ion Ratio Lower Upper  
43 100  
58 30.2 0.0 58.2



#16  
Methylene chloride  
Concen: 1.975 ug/L  
RT: 4.917 min Scan# 497  
Delta R.T. 0.006 min  
Lab File: VW025883.D  
Acq: 08 May 2023 16:27

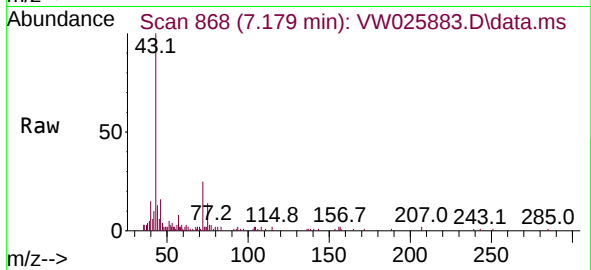
Tgt Ion: 84 Resp: 33927  
Ion Ratio Lower Upper  
84 100  
86 66.6 41.7 77.5  
49 132.1 95.3 177.1





#22  
 2-Butanone  
 Concen: 3.219 ug/L  
 RT: 7.179 min Scan# 80  
 Delta R.T. 0.006 min  
 Lab File: VW025883.D  
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Instrument :  
 MSVOA\_W  
 ClientSampleId :



Tgt Ion: 43 Resp: 15378  
 Ion Ratio Lower Upper  
 43 100  
 72 23.8 11.8 35.4

