

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW051123\  
 Data File : VW025948.D  
 Acq On : 11 May 2023 11:50  
 Operator : SY/MD  
 Sample : 02689--21  
 Misc : 3.62g/10mL/MSVOA\_W/SOIL  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 JREP3

Quant Time: May 12 05:37:51 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

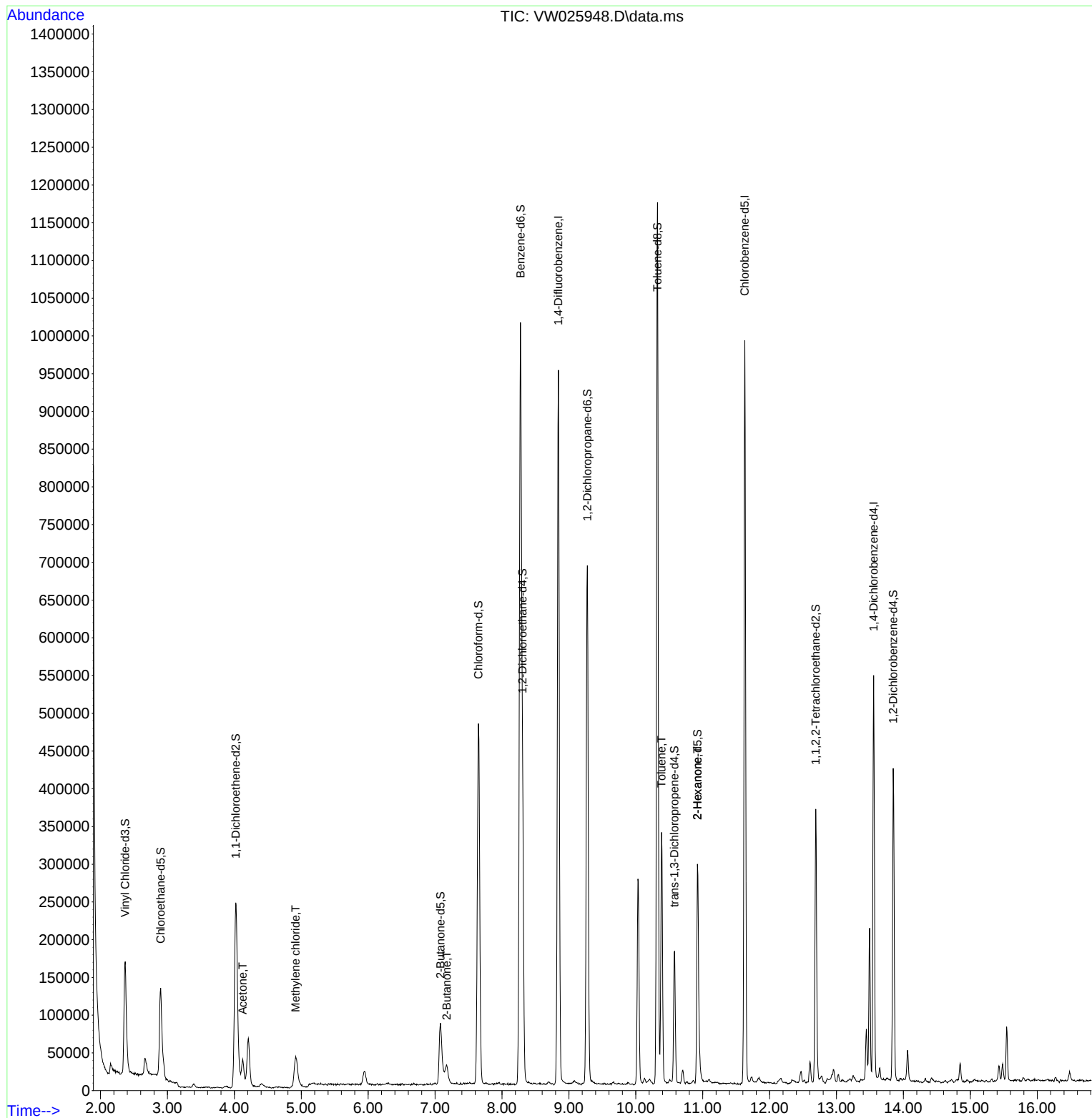
| Compound                      | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min)  |
|-------------------------------|--------|-------|----------|----------|--------|-----------|
| -----                         |        |       |          |          |        |           |
| Internal Standards            |        |       |          |          |        |           |
| 1) 1,4-Difluorobenzene        | 8.843  | 114   | 745551   | 25.000   | ug/L   | 0.00      |
| 28) Chlorobenzene-d5          | 11.629 | 117   | 502974   | 25.000   | ug/L   | 0.00      |
| 58) 1,4-Dichlorobenzene-d4    | 13.556 | 152   | 128793   | 25.000   | ug/L   | 0.00      |
|                               |        |       |          |          |        |           |
| System Monitoring Compounds   |        |       |          |          |        |           |
| 4) Vinyl Chloride-d3          | 2.369  | 65    | 235877   | 22.326   | ug/L   | 0.00      |
| Spiked Amount                 | 25.000 | Range | 30 - 150 | Recovery | =      | 89.320%   |
| 7) Chloroethane-d5            | 2.899  | 69    | 180440   | 23.037   | ug/L   | 0.00      |
| Spiked Amount                 | 25.000 | Range | 30 - 150 | Recovery | =      | 92.160%   |
| 11) 1,1-Dichloroethene-d2     | 4.021  | 65    | 96817    | 18.301   | ug/L   | 0.00      |
| Spiked Amount                 | 25.000 | Range | 45 - 110 | Recovery | =      | 73.200%   |
| 21) 2-Butanone-d5             | 7.081  | 46    | 137853   | 39.469   | ug/L   | 0.00      |
| Spiked Amount                 | 50.000 | Range | 20 - 135 | Recovery | =      | 78.940%   |
| 24) Chloroform-d              | 7.648  | 84    | 489126   | 22.752   | ug/L   | 0.00      |
| Spiked Amount                 | 25.000 | Range | 40 - 150 | Recovery | =      | 91.000%   |
| 26) 1,2-Dichloroethane-d4     | 8.307  | 65    | 291032   | 23.940   | ug/L   | 0.00      |
| Spiked Amount                 | 25.000 | Range | 70 - 130 | Recovery | =      | 95.760%   |
| 32) Benzene-d6                | 8.276  | 84    | 981471   | 29.863   | ug/L   | 0.00      |
| Spiked Amount                 | 25.000 | Range | 20 - 135 | Recovery | =      | 119.440%  |
| 36) 1,2-Dichloropropane-d6    | 9.276  | 67    | 325685   | 30.972   | ug/L   | 0.00      |
| Spiked Amount                 | 25.000 | Range | 70 - 120 | Recovery | =      | 123.880%# |
| 41) Toluene-d8                | 10.325 | 98    | 733049   | 25.013   | ug/L   | 0.00      |
| Spiked Amount                 | 25.000 | Range | 30 - 130 | Recovery | =      | 100.040%  |
| 43) trans-1,3-Dichloroprop... | 10.575 | 79    | 97667    | 22.913   | ug/L   | 0.00      |
| Spiked Amount                 | 25.000 | Range | 30 - 135 | Recovery | =      | 91.640%   |
| 47) 2-Hexanone-d5             | 10.922 | 63    | 91718    | 51.151   | ug/L   | 0.00      |
| Spiked Amount                 | 50.000 | Range | 20 - 135 | Recovery | =      | 102.300%  |
| 56) 1,1,2,2-Tetrachloroeth... | 12.690 | 84    | 183408   | 22.884   | ug/L   | 0.00      |
| Spiked Amount                 | 25.000 | Range | 45 - 120 | Recovery | =      | 91.520%   |
| 66) 1,2-Dichlorobenzene-d4    | 13.848 | 152   | 98378    | 20.954   | ug/L   | 0.00      |
| Spiked Amount                 | 25.000 | Range | 75 - 120 | Recovery | =      | 83.800%   |
|                               |        |       |          |          |        |           |
| Target Compounds              |        |       |          |          | Qvalue |           |
| 13) Acetone                   | 4.124  | 43    | 58454    | 18.875   | ug/L   | 97        |
| 16) Methylene chloride        | 4.917  | 84    | 34452    | 2.241    | ug/L   | 98        |
| 22) 2-Butanone                | 7.173  | 43    | 51138    | 11.959   | ug/L   | 85        |
| 42) Toluene                   | 10.386 | 91    | 234406   | 6.593    | ug/L   | 98        |
| 48) 2-Hexanone                | 10.922 | 43    | 14562    | 3.276    | ug/L # | 66        |
| -----                         |        |       |          |          |        |           |

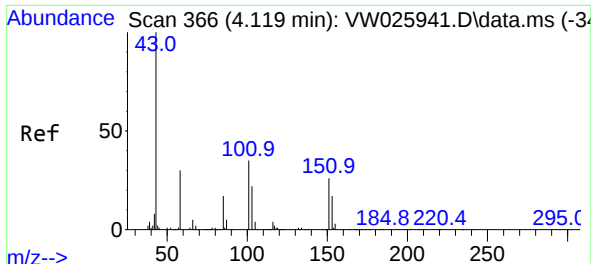
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SFAM01.0  
QLast Update : Fri May 05 23:47:36 2023  
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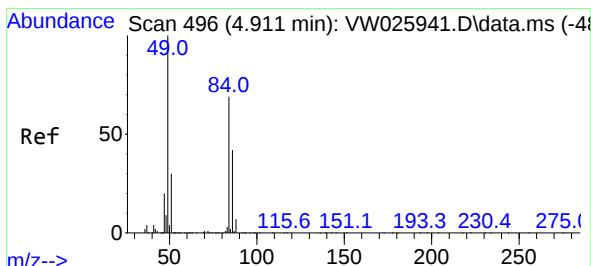
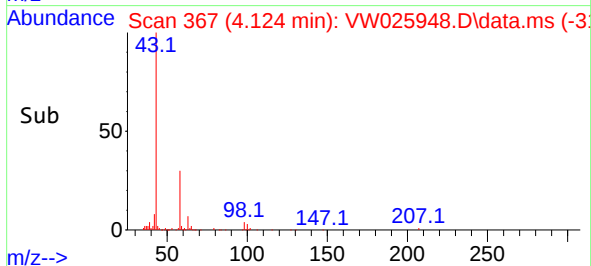
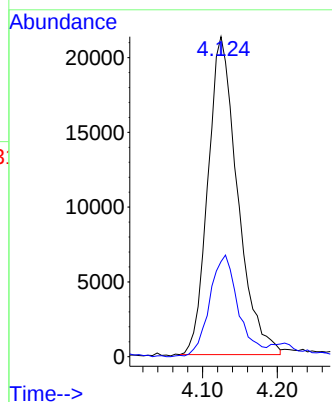
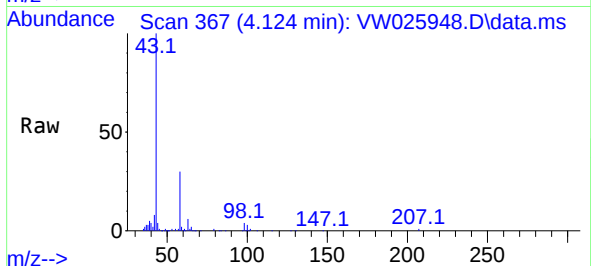




#13  
Acetone  
Concen: 18.875 ug/L  
RT: 4.124 min Scan# 30  
Delta R.T. -0.006 min  
Lab File: VW025948.D  
Acq: 11 May 2023 11:50

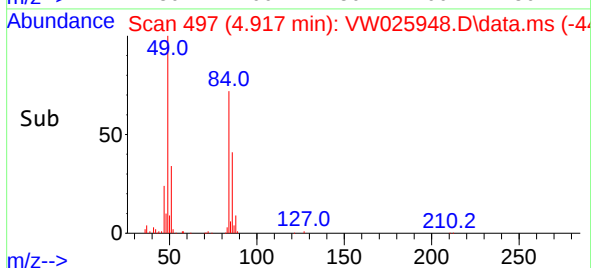
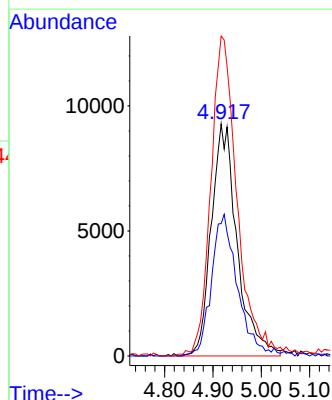
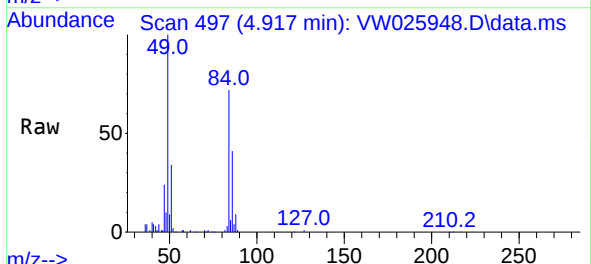
Instrument :  
MSVOA\_W  
ClientSampleId :  
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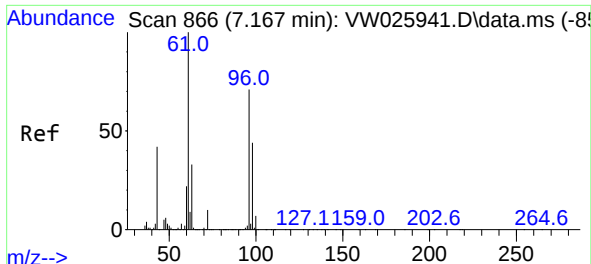
Tgt Ion: 43 Resp: 58454  
Ion Ratio Lower Upper  
43 100  
58 30.5 0.0 58.2



#16  
Methylene chloride  
Concen: 2.241 ug/L  
RT: 4.917 min Scan# 497  
Delta R.T. 0.006 min  
Lab File: VW025948.D  
Acq: 11 May 2023 11:50

Tgt Ion: 84 Resp: 34452  
Ion Ratio Lower Upper  
84 100  
86 57.0 41.7 77.5  
49 138.0 95.3 177.1

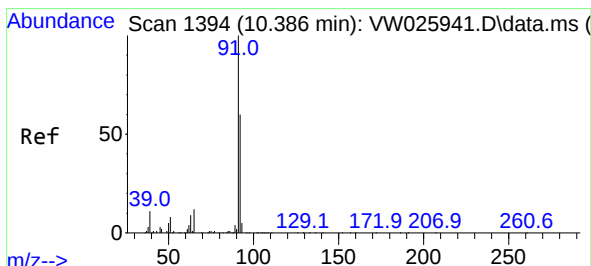
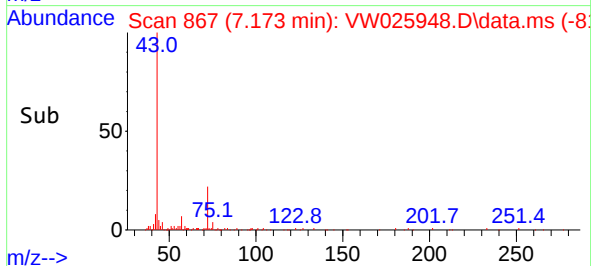
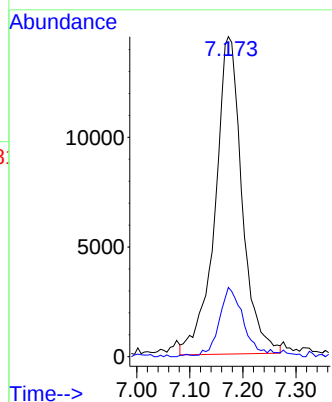
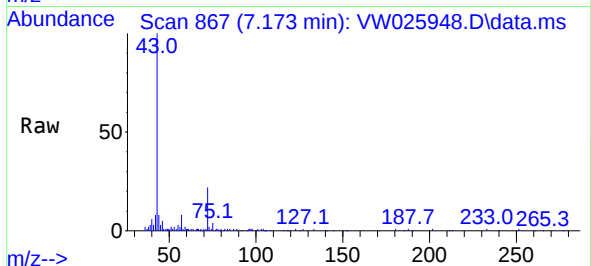




#22  
2-Butanone  
Concen: 11.959 ug/L  
RT: 7.173 min Scan# 867  
Delta R.T. -0.000 min  
Lab File: VW025948.D  
Acq: 11 May 2023 11:50

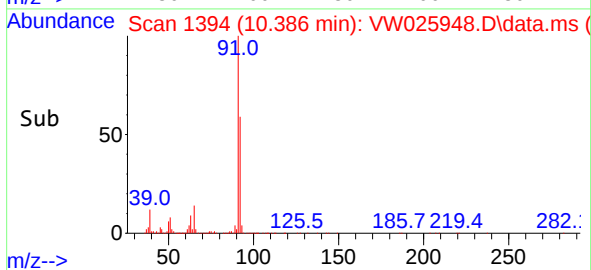
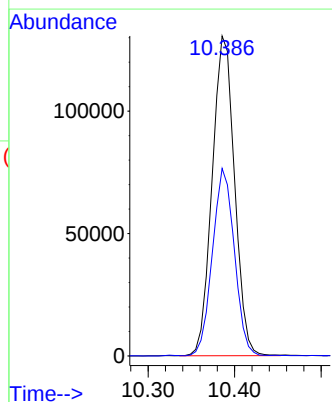
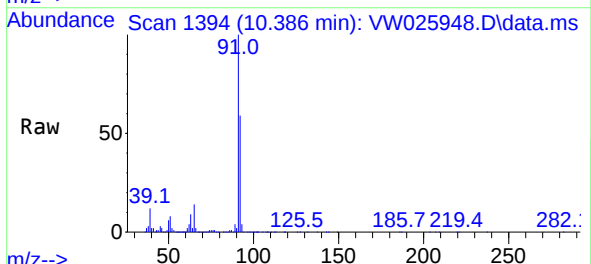
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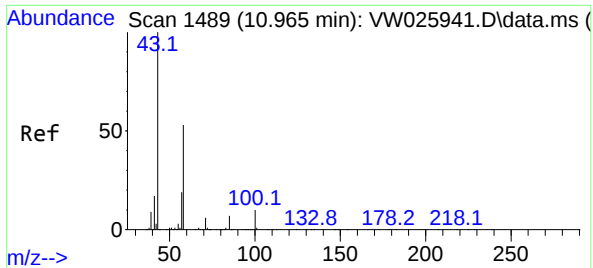
Tgt Ion: 43 Resp: 51138  
Ion Ratio Lower Upper  
43 100  
72 16.0 11.8 35.4



#42  
Toluene  
Concen: 6.593 ug/L  
RT: 10.386 min Scan# 1394  
Delta R.T. 0.000 min  
Lab File: VW025948.D  
Acq: 11 May 2023 11:50

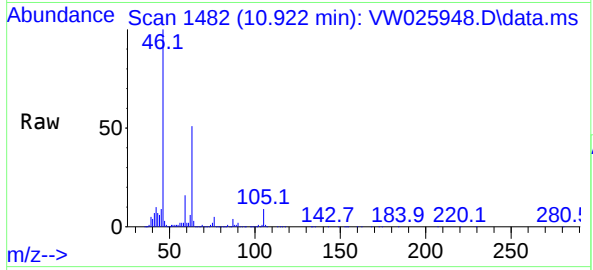
Tgt Ion: 91 Resp: 234406  
Ion Ratio Lower Upper  
91 100  
92 58.6 40.2 74.6





#48  
2-Hexanone  
Concen: 3.276 ug/L  
RT: 10.922 min Scan# 14  
Delta R.T. -0.043 min  
Lab File: VW025948.D  
Acq: 11 May 2023 11:50

Instrument :  
MSVOA\_W  
ClientSampleId :  
JREP3



Tgt Ion: 43 Resp: 14562

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 43  | 100   |       |       |
| 58  | 26.7  | 40.8  | 61.2# |
| 57  | 33.6  | 13.6  | 20.4# |
| 100 | 1.3   | 8.0   | 12.0# |

