

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW051123\  
 Data File : VW025945.D  
 Acq On : 11 May 2023 10:38  
 Operator : SY/MD  
 Sample : 02689--16  
 Misc : 2.49g/10mL/MSVOA\_W/SOIL  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :

Quant Time: May 12 05:37:28 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

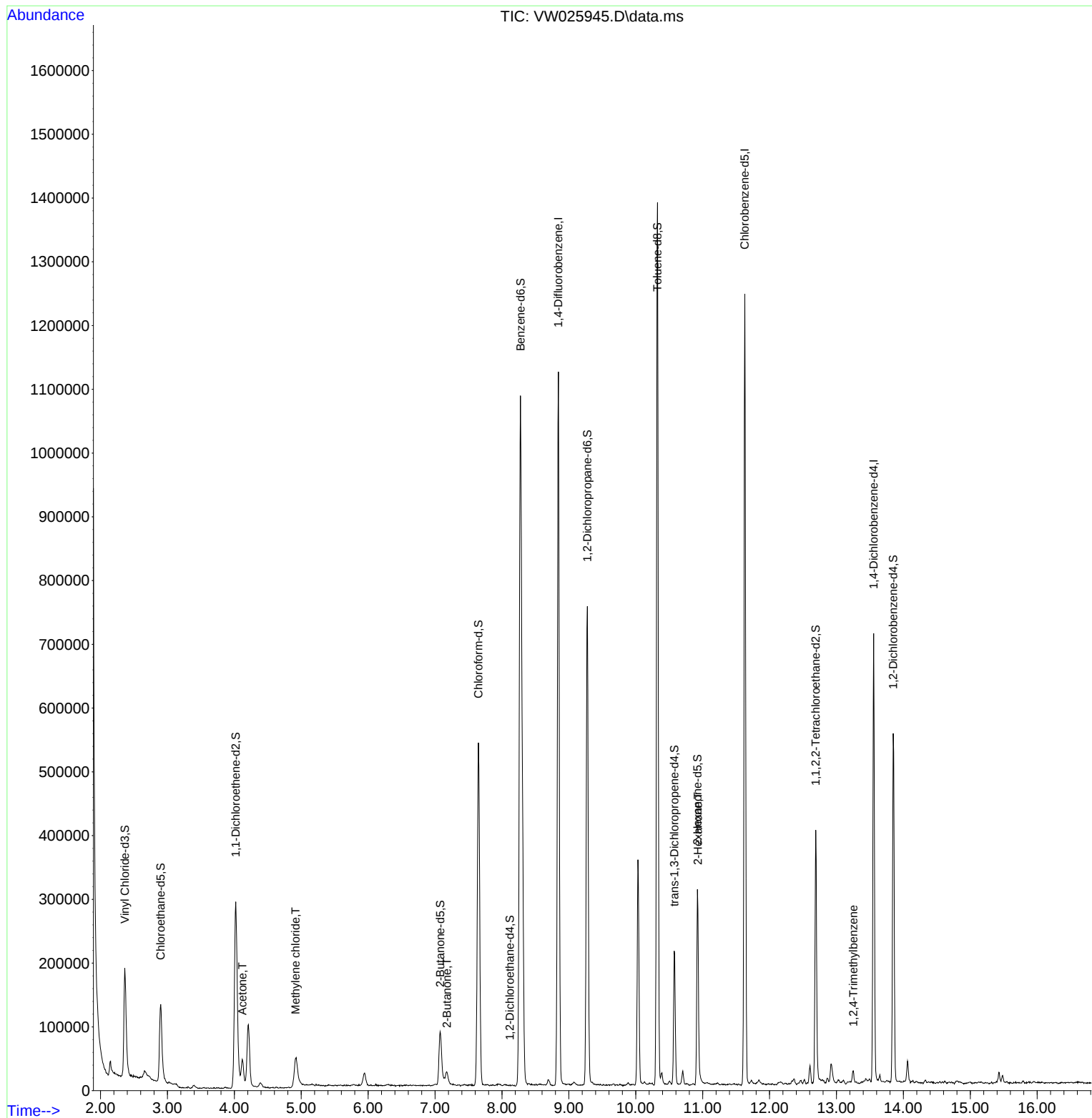
| Compound                      | R.T.   | QIon           | Response | Conc   | Units    | Dev(Min) |
|-------------------------------|--------|----------------|----------|--------|----------|----------|
| Internal Standards            |        |                |          |        |          |          |
| 1) 1,4-Difluorobenzene        | 8.843  | 114            | 853197   | 25.000 | ug/L     | 0.00     |
| 28) Chlorobenzene-d5          | 11.629 | 117            | 631559   | 25.000 | ug/L     | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 13.556 | 152            | 166110   | 25.000 | ug/L     | 0.00     |
| System Monitoring Compounds   |        |                |          |        |          |          |
| 4) Vinyl Chloride-d3          | 2.363  | 65             | 251602   | 20.810 | ug/L     | 0.00     |
| Spiked Amount                 | 25.000 | Range 30 - 150 | Recovery | =      | 83.240%  |          |
| 7) Chloroethane-d5            | 2.899  | 69             | 181580   | 20.258 | ug/L     | 0.00     |
| Spiked Amount                 | 25.000 | Range 30 - 150 | Recovery | =      | 81.040%  |          |
| 11) 1,1-Dichloroethene-d2     | 4.021  | 65             | 108088   | 17.854 | ug/L     | 0.00     |
| Spiked Amount                 | 25.000 | Range 45 - 110 | Recovery | =      | 71.400%  |          |
| 21) 2-Butanone-d5             | 7.075  | 46             | 155527   | 38.912 | ug/L     | 0.00     |
| Spiked Amount                 | 50.000 | Range 20 - 135 | Recovery | =      | 77.820%  |          |
| 24) Chloroform-d              | 7.648  | 84             | 534661   | 21.732 | ug/L     | 0.00     |
| Spiked Amount                 | 25.000 | Range 40 - 150 | Recovery | =      | 86.920%  |          |
| 26) 1,2-Dichloroethane-d4     | 8.118  | 65             | 177      | 0.013  | ug/L     | -0.19    |
| Spiked Amount                 | 25.000 | Range 70 - 130 | Recovery | =      | 0.040%#  |          |
| 32) Benzene-d6                | 8.276  | 84             | 1077657  | 26.114 | ug/L     | 0.00     |
| Spiked Amount                 | 25.000 | Range 20 - 135 | Recovery | =      | 104.440% |          |
| 36) 1,2-Dichloropropane-d6    | 9.276  | 67             | 352964   | 26.732 | ug/L     | 0.00     |
| Spiked Amount                 | 25.000 | Range 70 - 120 | Recovery | =      | 106.920% |          |
| 41) Toluene-d8                | 10.325 | 98             | 871247   | 23.676 | ug/L     | 0.00     |
| Spiked Amount                 | 25.000 | Range 30 - 130 | Recovery | =      | 94.720%  |          |
| 43) trans-1,3-Dichloroprop... | 10.575 | 79             | 114153   | 21.329 | ug/L     | 0.00     |
| Spiked Amount                 | 25.000 | Range 30 - 135 | Recovery | =      | 85.320%  |          |
| 47) 2-Hexanone-d5             | 10.922 | 63             | 100563   | 44.665 | ug/L     | 0.00     |
| Spiked Amount                 | 50.000 | Range 20 - 135 | Recovery | =      | 89.340%  |          |
| 56) 1,1,2,2-Tetrachloroeth... | 12.690 | 84             | 198131   | 19.688 | ug/L     | 0.00     |
| Spiked Amount                 | 25.000 | Range 45 - 120 | Recovery | =      | 78.760%  |          |
| 66) 1,2-Dichlorobenzene-d4    | 13.849 | 152            | 131052   | 21.642 | ug/L     | 0.00     |
| Spiked Amount                 | 25.000 | Range 75 - 120 | Recovery | =      | 86.560%  |          |
| Target Compounds              |        |                |          |        |          |          |
| 13) Acetone                   | 4.119  | 43             | 71896    | 20.286 | ug/L     | 97       |
| 16) Methylene chloride        | 4.917  | 84             | 37582    | 2.136  | ug/L     | 98       |
| 22) 2-Butanone                | 7.179  | 43             | 34381    | 7.026  | ug/L     | 97       |
| 48) 2-Hexanone                | 10.928 | 43             | 14518    | 2.601  | ug/L #   | 70       |
| 63) 1,2,4-Trimethylbenzene    | 13.251 | 105            | 10834    | 0.587  | ug/L     | 95       |

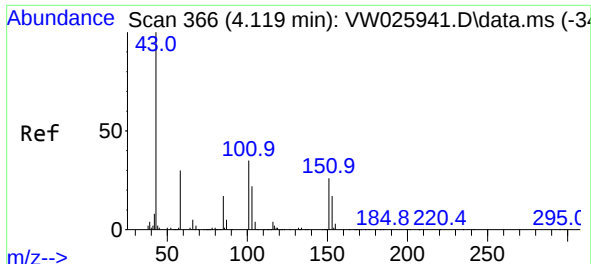
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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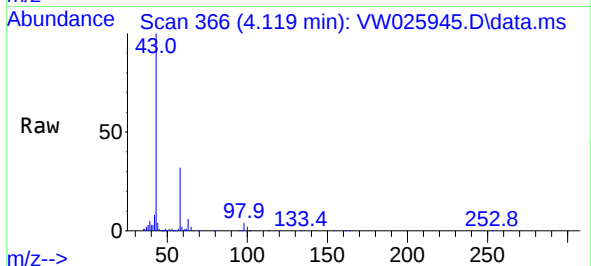
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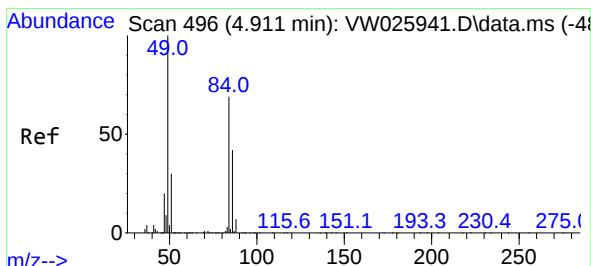
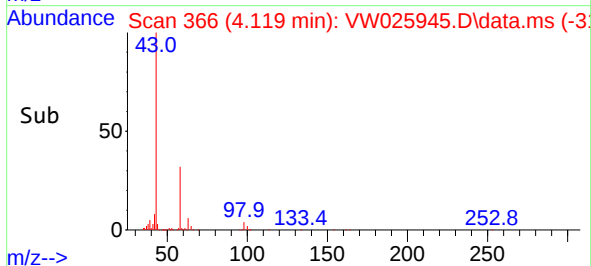
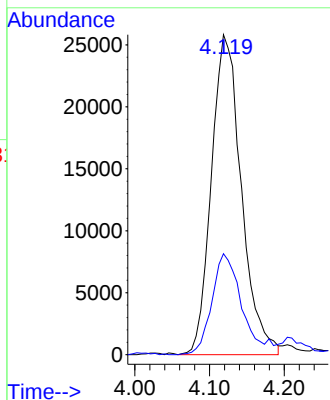


#13  
Acetone  
Concen: 20.286 ug/L  
RT: 4.119 min Scan# 30  
Delta R.T. -0.012 min  
Lab File: VW025945.D  
Acq: 11 May 2023 10:38

Instrument :  
MSVOA\_W  
ClientSampleId :

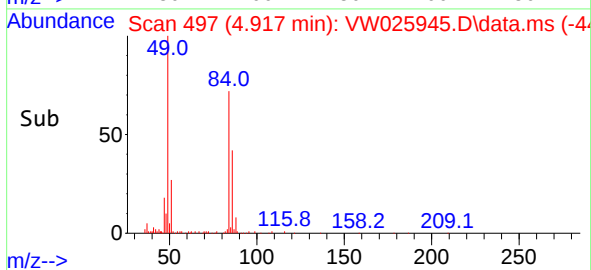
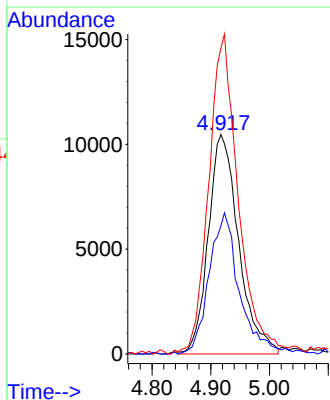
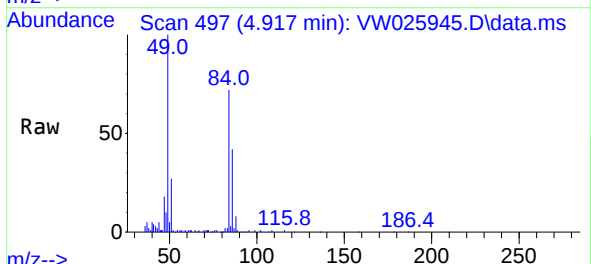


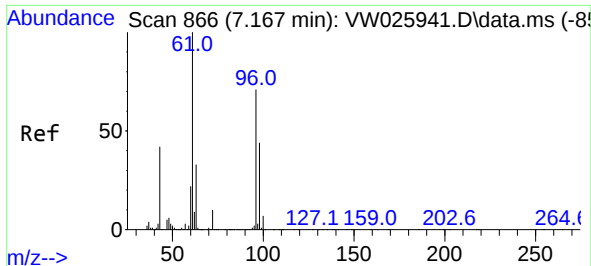
Tgt Ion: 43 Resp: 71896  
Ion Ratio Lower Upper  
43 100  
58 30.6 0.0 58.2



#16  
Methylene chloride  
Concen: 2.136 ug/L  
RT: 4.917 min Scan# 497  
Delta R.T. 0.006 min  
Lab File: VW025945.D  
Acq: 11 May 2023 10:38

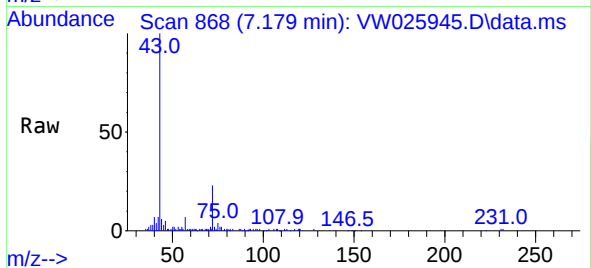
Tgt Ion: 84 Resp: 37582  
Ion Ratio Lower Upper  
84 100  
86 58.4 41.7 77.5  
49 139.3 95.3 177.1



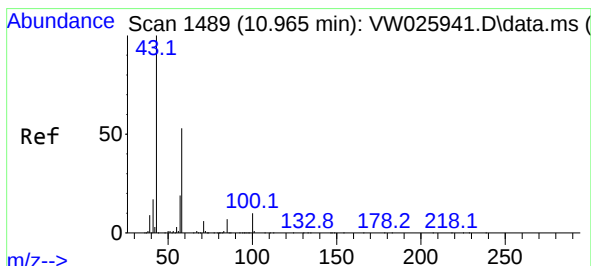
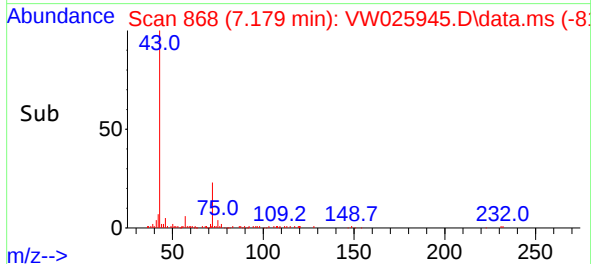
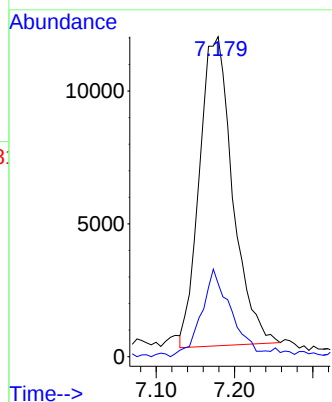


#22  
2-Butanone  
Concen: 7.026 ug/L  
RT: 7.179 min Scan# 866  
Delta R.T. 0.006 min  
Lab File: VW025945.D  
Acq: 11 May 2023 10:38

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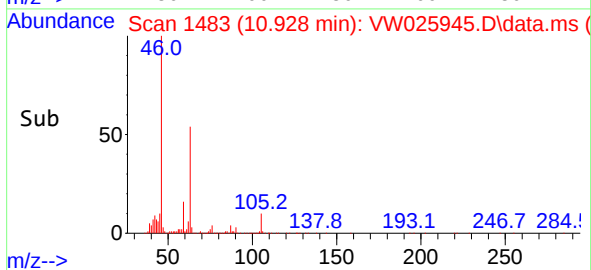
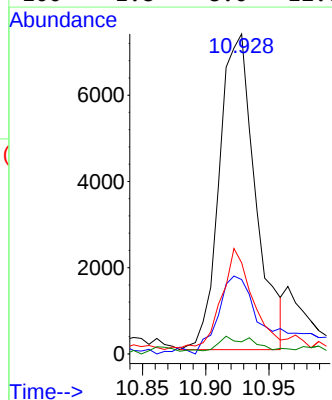
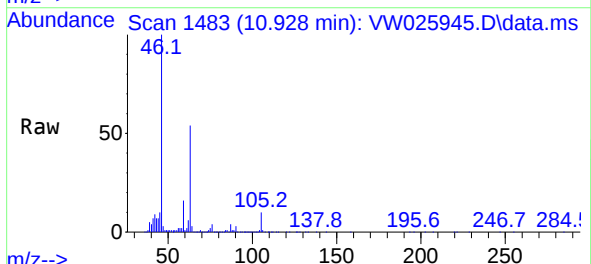


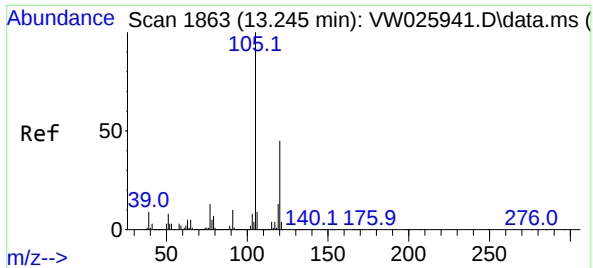
Tgt Ion: 43 Resp: 34381  
Ion Ratio Lower Upper  
43 100  
72 25.2 11.8 35.4



#48  
2-Hexanone  
Concen: 2.601 ug/L  
RT: 10.928 min Scan# 1483  
Delta R.T. -0.036 min  
Lab File: VW025945.D  
Acq: 11 May 2023 10:38

Tgt Ion: 43 Resp: 14518  
Ion Ratio Lower Upper  
43 100  
58 28.2 40.8 61.2#  
57 28.5 13.6 20.4#  
100 1.8 8.0 12.0#





#63  
 1,2,4-Trimethylbenzene  
 Concen: 0.587 ug/L  
 RT: 13.251 min Scan# 11  
 Delta R.T. 0.006 min  
 Lab File: VW025945.D  
 Acq: 11 May 2023 10:38

Instrument :  
 MSVOA\_W  
 ClientSampleId :

Tgt Ion:105 Resp: 10834  
 Ion Ratio Lower Upper  
 105 100  
 120 40.5 34.7 52.1

