

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW061523\  
 Data File : VW026200.D  
 Acq On : 15 Jun 2023 13:53  
 Operator : SY/MD  
 Sample : 03234-20  
 Misc : 4.04g/10mL/MSVOA\_W/SOIL  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :

Quant Time: Jun 16 06:21:43 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM053023SMA.M  
 Quant Title : SFAM01.0  
 QLast Update : Wed Jun 14 23:24:58 2023  
 Response via : Initial Calibration

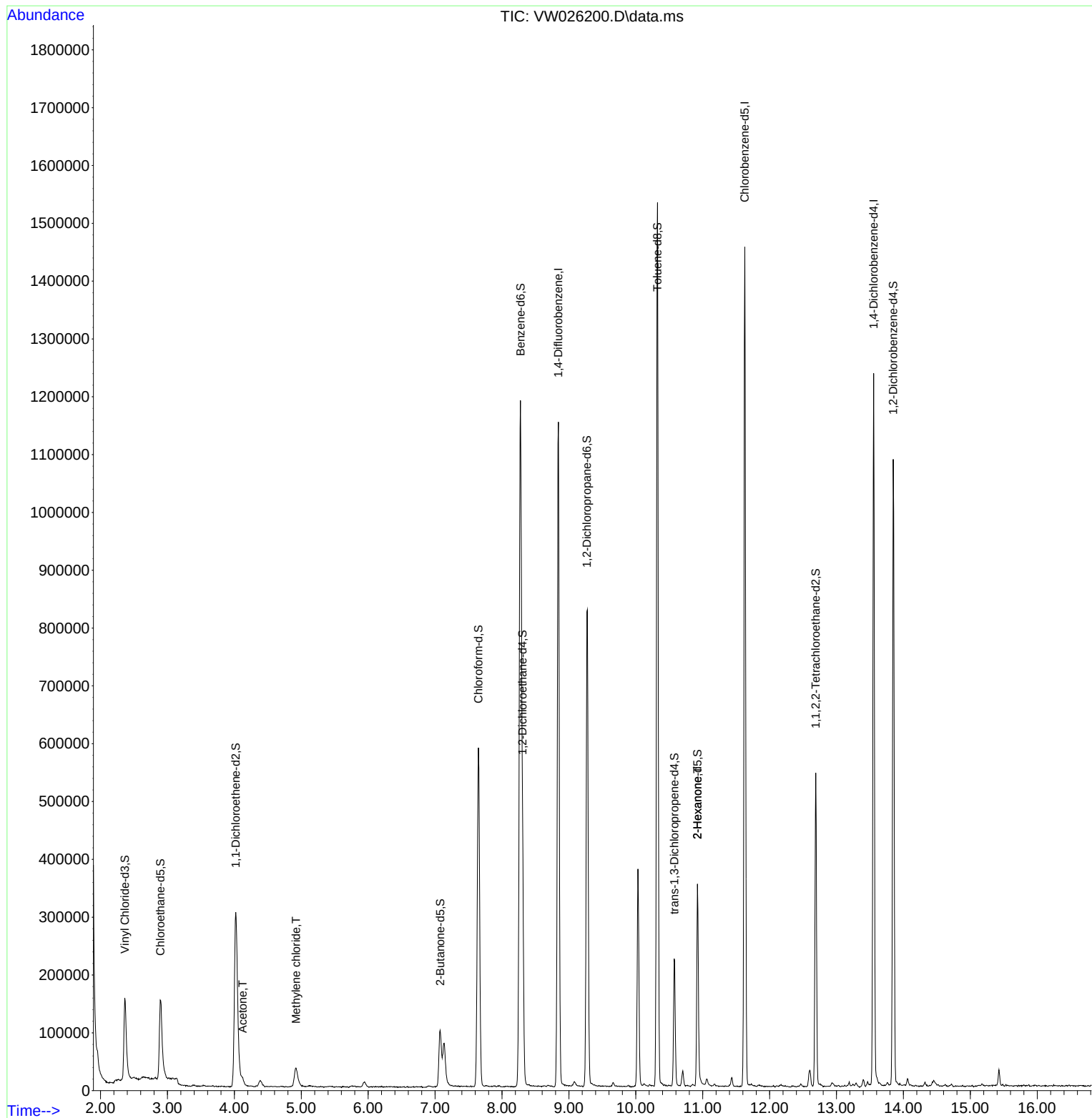
| Compound                      | R.T.   | QIon           | Response | Conc   | Units   | Dev(Min) |
|-------------------------------|--------|----------------|----------|--------|---------|----------|
| -----                         |        |                |          |        |         |          |
| Internal Standards            |        |                |          |        |         |          |
| 1) 1,4-Difluorobenzene        | 8.843  | 114            | 901435   | 25.000 | ug/L    | 0.00     |
| 28) Chlorobenzene-d5          | 11.629 | 117            | 746306   | 25.000 | ug/L    | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 13.556 | 152            | 292504   | 25.000 | ug/L    | 0.00     |
| System Monitoring Compounds   |        |                |          |        |         |          |
| 4) Vinyl Chloride-d3          | 2.363  | 65             | 237517   | 18.730 | ug/L    | 0.00     |
| Spiked Amount                 | 25.000 | Range 30 - 150 | Recovery | =      | 74.920% |          |
| 7) Chloroethane-d5            | 2.893  | 69             | 222532   | 23.442 | ug/L    | 0.00     |
| Spiked Amount                 | 25.000 | Range 30 - 150 | Recovery | =      | 93.760% |          |
| 11) 1,1-Dichloroethene-d2     | 4.021  | 65             | 125497   | 20.070 | ug/L    | 0.00     |
| Spiked Amount                 | 25.000 | Range 45 - 110 | Recovery | =      | 80.280% |          |
| 21) 2-Butanone-d5             | 7.075  | 46             | 179945   | 48.740 | ug/L    | 0.00     |
| Spiked Amount                 | 50.000 | Range 20 - 135 | Recovery | =      | 97.480% |          |
| 24) Chloroform-d              | 7.648  | 84             | 589913   | 22.347 | ug/L    | 0.00     |
| Spiked Amount                 | 25.000 | Range 40 - 150 | Recovery | =      | 89.400% |          |
| 26) 1,2-Dichloroethane-d4     | 8.307  | 65             | 322731   | 22.358 | ug/L    | 0.00     |
| Spiked Amount                 | 25.000 | Range 70 - 130 | Recovery | =      | 89.440% |          |
| 32) Benzene-d6                | 8.276  | 84             | 1179964  | 23.497 | ug/L    | 0.00     |
| Spiked Amount                 | 25.000 | Range 20 - 135 | Recovery | =      | 94.000% |          |
| 36) 1,2-Dichloropropane-d6    | 9.270  | 67             | 386271   | 24.279 | ug/L    | 0.00     |
| Spiked Amount                 | 25.000 | Range 70 - 120 | Recovery | =      | 97.120% |          |
| 41) Toluene-d8                | 10.325 | 98             | 967502   | 21.725 | ug/L    | 0.00     |
| Spiked Amount                 | 25.000 | Range 30 - 130 | Recovery | =      | 86.880% |          |
| 43) trans-1,3-Dichloroprop... | 10.575 | 79             | 121144   | 19.216 | ug/L    | 0.00     |
| Spiked Amount                 | 25.000 | Range 30 - 135 | Recovery | =      | 76.880% |          |
| 47) 2-Hexanone-d5             | 10.922 | 63             | 112219   | 44.734 | ug/L    | 0.00     |
| Spiked Amount                 | 50.000 | Range 20 - 135 | Recovery | =      | 89.460% |          |
| 56) 1,1,2,2-Tetrachloroeth... | 12.690 | 84             | 272052   | 23.499 | ug/L    | 0.00     |
| Spiked Amount                 | 25.000 | Range 45 - 120 | Recovery | =      | 94.000% |          |
| 66) 1,2-Dichlorobenzene-d4    | 13.848 | 152            | 259721   | 23.198 | ug/L    | 0.00     |
| Spiked Amount                 | 25.000 | Range 75 - 120 | Recovery | =      | 92.800% |          |
| Target Compounds              |        |                |          |        |         |          |
|                               |        |                |          |        | Qvalue  |          |
| 13) Acetone                   | 4.124  | 43             | 15788    | 5.527  | ug/L    | 93       |
| 16) Methylene chloride        | 4.923  | 84             | 28401    | 1.974  | ug/L    | 97       |
| 48) 2-Hexanone                | 10.922 | 43             | 15187    | 2.638  | ug/L #  | 68       |
| -----                         |        |                |          |        |         |          |

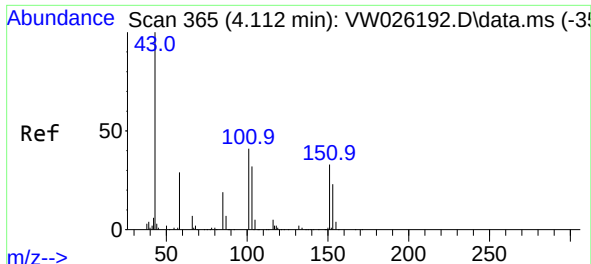
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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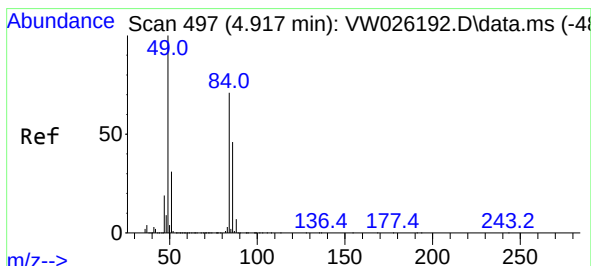
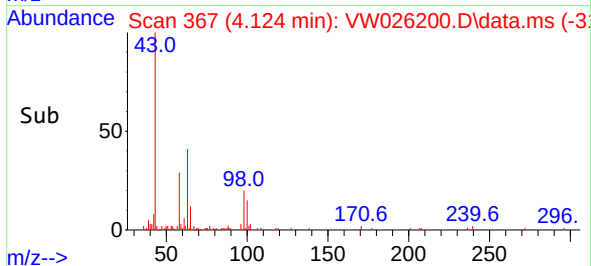
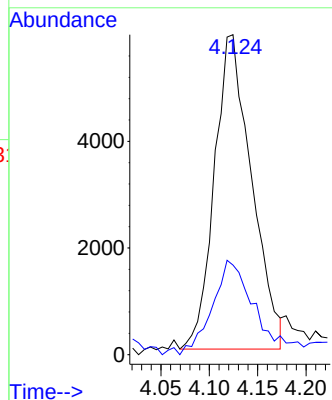
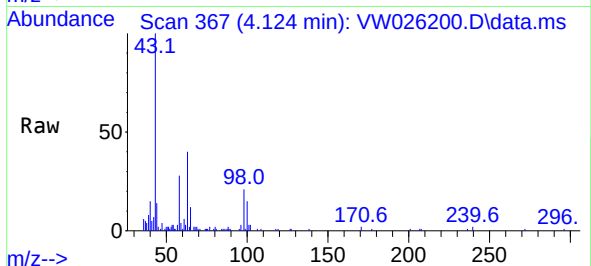




#13  
Acetone  
Concen: 5.527 ug/L  
RT: 4.124 min Scan# 367  
Delta R.T. -0.006 min  
Lab File: VW026200.D  
Acq: 15 Jun 2023 13:53

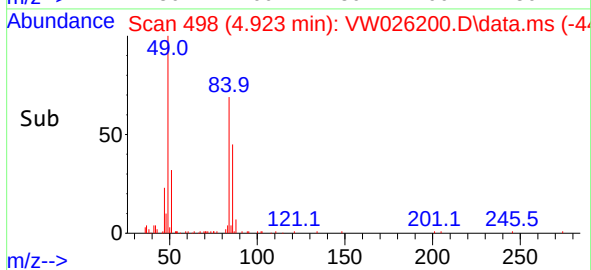
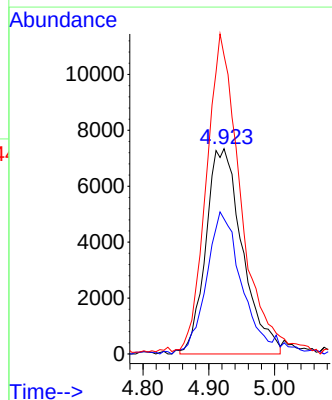
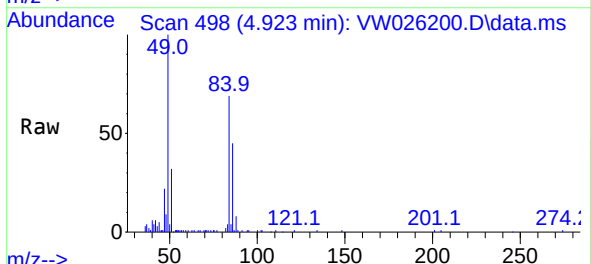
Instrument :  
MSVOA\_W  
ClientSampleId :

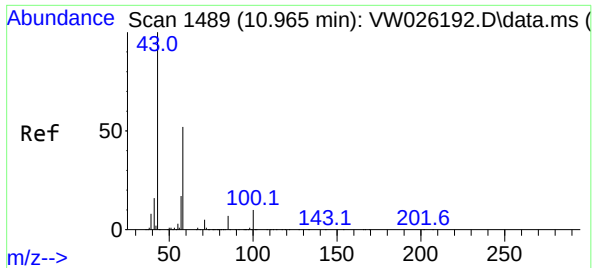
Tgt Ion: 43 Resp: 15788  
Ion Ratio Lower Upper  
43 100  
58 32.9 0.0 58.2



#16  
Methylene chloride  
Concen: 1.974 ug/L  
RT: 4.923 min Scan# 498  
Delta R.T. 0.006 min  
Lab File: VW026200.D  
Acq: 15 Jun 2023 13:53

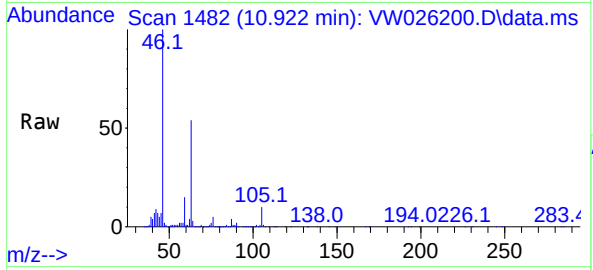
Tgt Ion: 84 Resp: 28401  
Ion Ratio Lower Upper  
84 100  
86 65.8 44.2 82.0  
49 145.5 98.8 183.6





#48  
 2-Hexanone  
 Concen: 2.638 ug/L  
 RT: 10.922 min Scan# 14  
 Delta R.T. -0.043 min  
 Lab File: VW026200.D  
 Acq: 15 Jun 2023 13:53

Instrument :  
 MSVOA\_W  
 ClientSampleId :



Tgt Ion: 43 Resp: 15187

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 43  | 100   |       |       |
| 58  | 26.6  | 42.2  | 63.2# |
| 57  | 28.6  | 14.2  | 21.2# |
| 100 | 4.6   | 8.3   | 12.5# |

