

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW060424\  
 Data File : VW028998.D  
 Acq On : 04 Jun 2024 16:29  
 Operator : SY/MD  
 Sample : P2710-03  
 Misc : 4.77g/10mL/MSVOA\_W/SOIL/A  
 ALS Vial : 19 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :

Quant Time: Jun 05 00:50:43 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM060324SMA.M  
 Quant Title : SFAM01.0  
 QLast Update : Wed Jun 05 00:46:16 2024  
 Response via : Initial Calibration

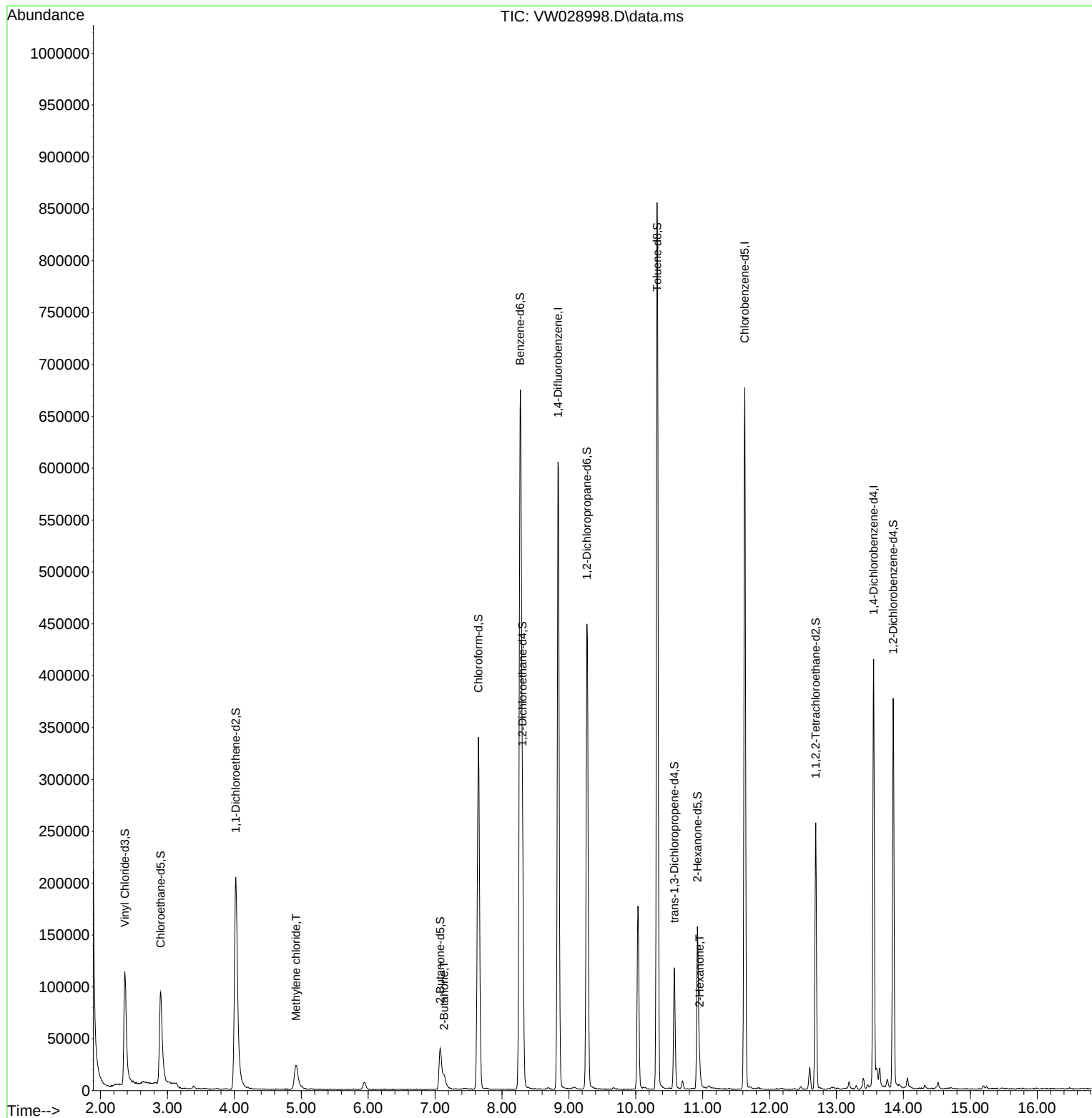
| Compound                      | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min)  |
|-------------------------------|--------|-------|----------|----------|--------|-----------|
| -----                         |        |       |          |          |        |           |
| Internal Standards            |        |       |          |          |        |           |
| 1) 1,4-Difluorobenzene        | 8.837  | 114   | 482933   | 25.000   | ug/L   | 0.00      |
| 28) Chlorobenzene-d5          | 11.629 | 117   | 359910   | 25.000   | ug/L   | 0.00      |
| 58) 1,4-Dichlorobenzene-d4    | 13.556 | 152   | 99995    | 25.000   | ug/L   | 0.00      |
|                               |        |       |          |          |        |           |
| System Monitoring Compounds   |        |       |          |          |        |           |
| 4) Vinyl Chloride-d3          | 2.363  | 65    | 185714   | 24.207   | ug/L   | 0.00      |
| Spiked Amount                 | 25.000 | Range | 30 - 150 | Recovery | =      | 96.840%   |
| 7) Chloroethane-d5            | 2.899  | 69    | 147320   | 25.006   | ug/L   | 0.00      |
| Spiked Amount                 | 25.000 | Range | 30 - 150 | Recovery | =      | 100.040%  |
| 11) 1,1-Dichloroethene-d2     | 4.021  | 65    | 83250    | 24.688   | ug/L   | 0.00      |
| Spiked Amount                 | 25.000 | Range | 45 - 110 | Recovery | =      | 98.760%   |
| 21) 2-Butanone-d5             | 7.075  | 46    | 65480    | 41.773   | ug/L   | 0.00      |
| Spiked Amount                 | 50.000 | Range | 20 - 135 | Recovery | =      | 83.540%   |
| 24) Chloroform-d              | 7.648  | 84    | 333541   | 24.209   | ug/L   | 0.00      |
| Spiked Amount                 | 25.000 | Range | 40 - 150 | Recovery | =      | 96.840%   |
| 26) 1,2-Dichloroethane-d4     | 8.307  | 65    | 189232   | 26.088   | ug/L   | 0.00      |
| Spiked Amount                 | 25.000 | Range | 70 - 130 | Recovery | =      | 104.360%  |
| 32) Benzene-d6                | 8.270  | 84    | 678788   | 30.728   | ug/L   | 0.00      |
| Spiked Amount                 | 25.000 | Range | 20 - 135 | Recovery | =      | 122.920%  |
| 36) 1,2-Dichloropropane-d6    | 9.270  | 67    | 209314   | 31.251   | ug/L   | 0.00      |
| Spiked Amount                 | 25.000 | Range | 70 - 120 | Recovery | =      | 125.000%# |
| 41) Toluene-d8                | 10.319 | 98    | 559228   | 28.369   | ug/L   | 0.00      |
| Spiked Amount                 | 25.000 | Range | 30 - 130 | Recovery | =      | 113.480%  |
| 43) trans-1,3-Dichloroprop... | 10.575 | 79    | 63319    | 24.603   | ug/L   | 0.00      |
| Spiked Amount                 | 25.000 | Range | 30 - 135 | Recovery | =      | 98.400%   |
| 47) 2-Hexanone-d5             | 10.922 | 63    | 47055    | 53.238   | ug/L   | 0.00      |
| Spiked Amount                 | 50.000 | Range | 20 - 135 | Recovery | =      | 106.480%  |
| 56) 1,1,2,2-Tetrachloroeth... | 12.690 | 84    | 124117   | 26.675   | ug/L   | 0.00      |
| Spiked Amount                 | 25.000 | Range | 45 - 120 | Recovery | =      | 106.680%  |
| 66) 1,2-Dichlorobenzene-d4    | 13.848 | 152   | 93341    | 26.305   | ug/L   | 0.00      |
| Spiked Amount                 | 25.000 | Range | 75 - 120 | Recovery | =      | 105.240%  |
|                               |        |       |          |          |        |           |
| Target Compounds              |        |       |          |          |        | Qvalue    |
| 16) Methylene chloride        | 4.923  | 84    | 21442    | 2.958    | ug/L   | 95        |
| 22) 2-Butanone                | 7.136  | 43    | 10938    | 5.526    | ug/L # | 52        |
| 48) 2-Hexanone                | 10.953 | 43    | 20031    | 8.963    | ug/L # | 44        |
| -----                         |        |       |          |          |        |           |

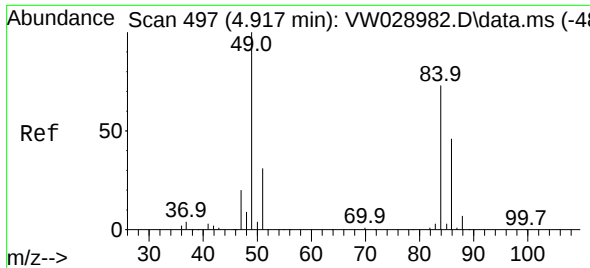
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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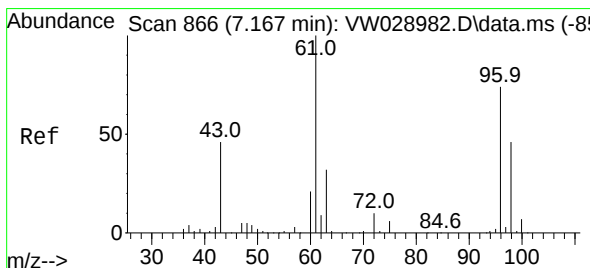
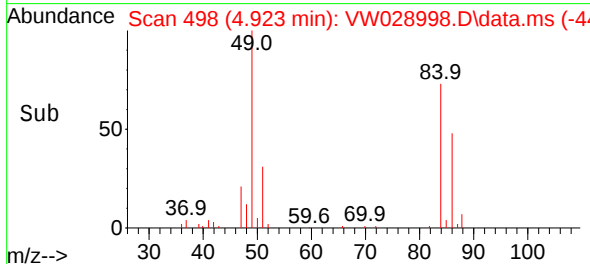
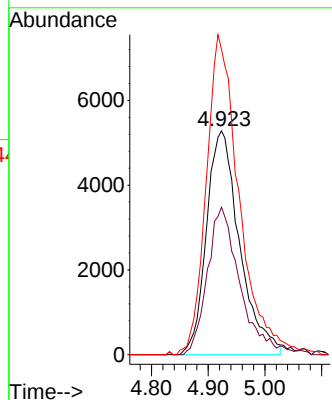
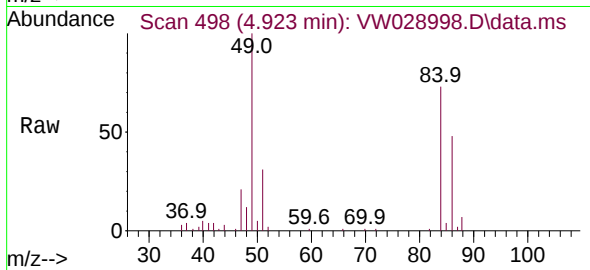




#16  
Methylene chloride  
Concen: 2.958 ug/L  
RT: 4.923 min Scan# 497  
Delta R.T. 0.006 min  
Lab File: VW028998.D  
Acq: 04 Jun 2024 16:29

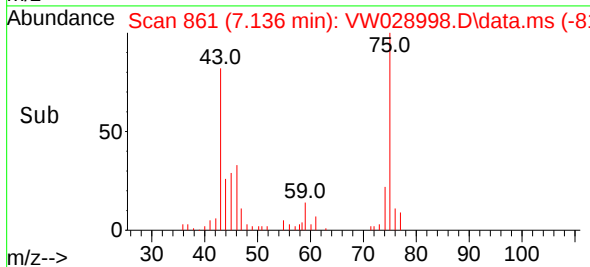
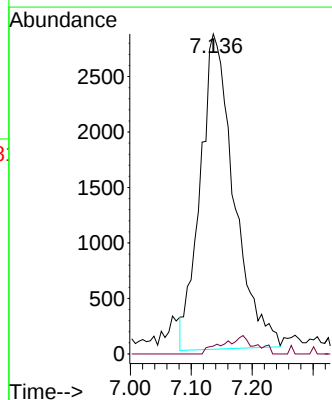
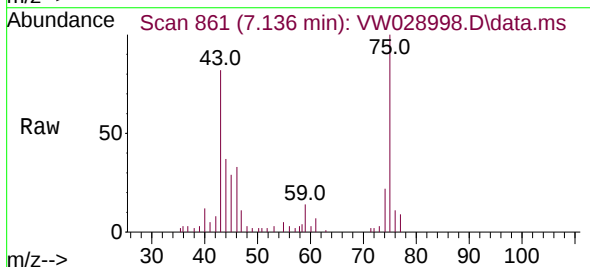
Instrument :  
MSVOA\_W  
ClientSampleId :

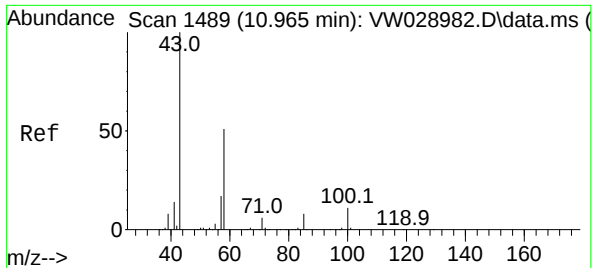
Tgt Ion: 84 Resp: 21442  
Ion Ratio Lower Upper  
84 100  
86 65.9 43.8 81.4  
49 136.4 91.3 169.5



#22  
2-Butanone  
Concen: 5.526 ug/L  
RT: 7.136 min Scan# 861  
Delta R.T. -0.030 min  
Lab File: VW028998.D  
Acq: 04 Jun 2024 16:29

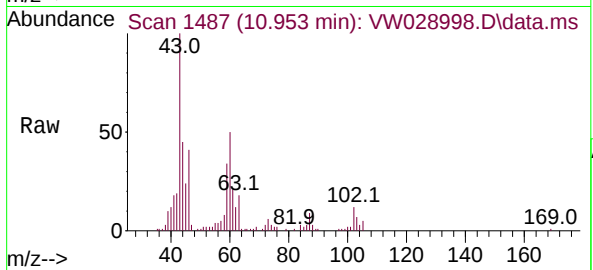
Tgt Ion: 43 Resp: 10938  
Ion Ratio Lower Upper  
43 100  
72 1.2 12.5 37.5#





#48  
 2-Hexanone  
 Concen: 8.963 ug/L  
 RT: 10.953 min Scan# 1487  
 Delta R.T. -0.012 min  
 Lab File: VW028998.D  
 Acq: 04 Jun 2024 16:29

Instrument :  
 MSVOA\_W  
 ClientSampleId :



Tgt Ion: 43 Resp: 20031

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 43  | 100   |       |       |
| 58  | 4.5   | 41.4  | 62.0# |
| 57  | 0.0   | 14.2  | 21.4# |
| 100 | 0.0   | 9.1   | 13.7# |

