

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW052424\  
 Data File : VW028728.D  
 Acq On : 24 May 2024 13:00  
 Operator : SY/MD  
 Sample : P2569-17  
 Misc : 5.18g/10mL/MSVOA\_W/SOIL/A  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :

Quant Time: May 25 00:02:33 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM050224SMA.M  
 Quant Title : SFAM01.0  
 QLast Update : Sat May 25 00:01:38 2024  
 Response via : Initial Calibration

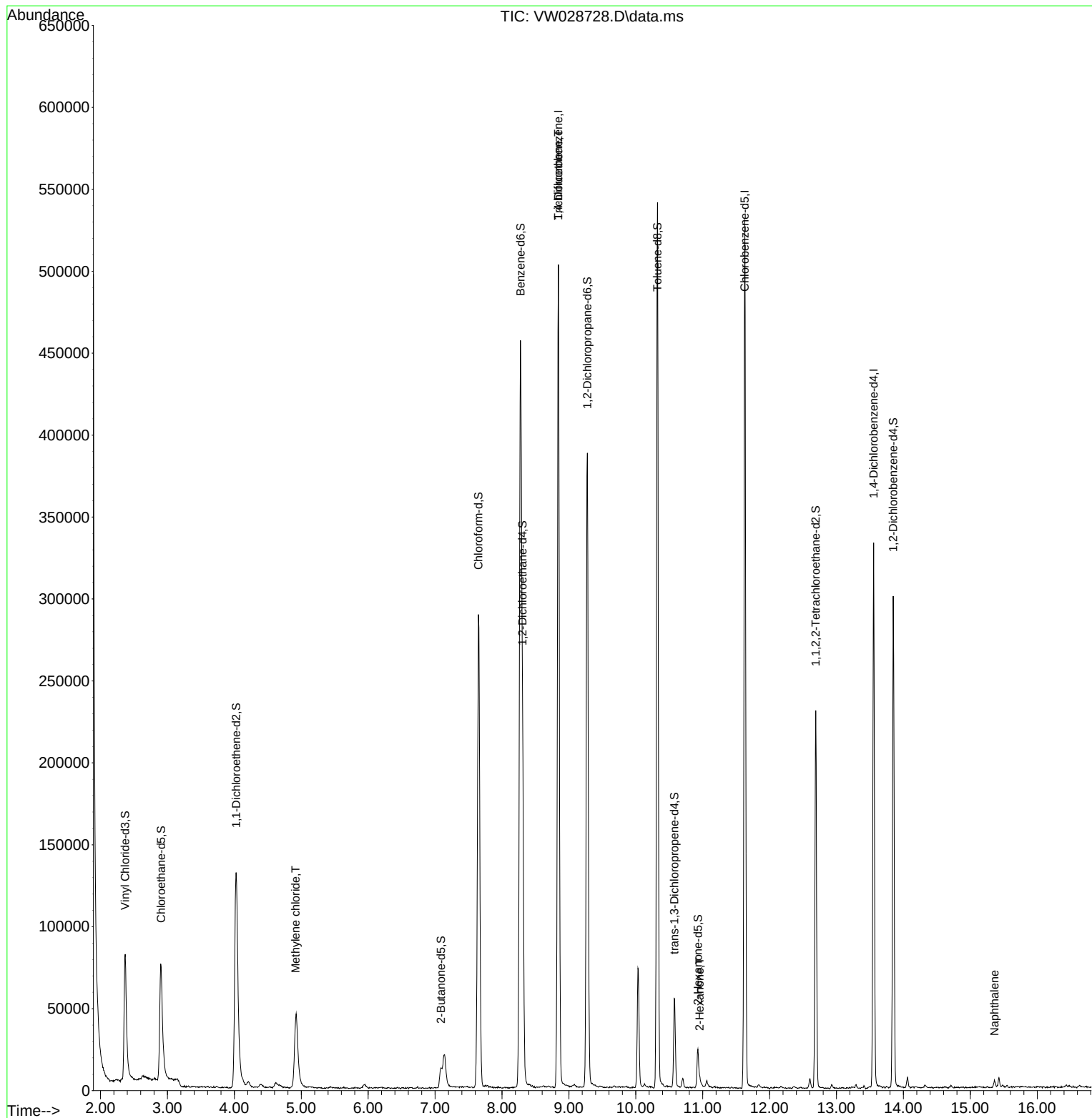
| Compound                      | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min)  |
|-------------------------------|--------|-------|----------|----------|--------|-----------|
| -----                         |        |       |          |          |        |           |
| Internal Standards            |        |       |          |          |        |           |
| 1) 1,4-Difluorobenzene        | 8.843  | 114   | 394192   | 25.000   | ug/L   | 0.00      |
| 28) Chlorobenzene-d5          | 11.629 | 117   | 279622   | 25.000   | ug/L   | 0.00      |
| 58) 1,4-Dichlorobenzene-d4    | 13.555 | 152   | 82155    | 25.000   | ug/L   | 0.00      |
|                               |        |       |          |          |        |           |
| System Monitoring Compounds   |        |       |          |          |        |           |
| 4) Vinyl Chloride-d3          | 2.368  | 65    | 123524   | 16.502   | ug/L   | 0.00      |
| Spiked Amount                 | 25.000 | Range | 30 - 150 | Recovery | =      | 66.000%   |
| 7) Chloroethane-d5            | 2.905  | 69    | 118377   | 20.653   | ug/L   | 0.00      |
| Spiked Amount                 | 25.000 | Range | 30 - 150 | Recovery | =      | 82.600%   |
| 11) 1,1-Dichloroethene-d2     | 4.027  | 65    | 53701    | 17.171   | ug/L   | 0.00      |
| Spiked Amount                 | 25.000 | Range | 45 - 110 | Recovery | =      | 68.680%   |
| 21) 2-Butanone-d5             | 7.087  | 46    | 19365    | 9.916    | ug/L   | 0.01      |
| Spiked Amount                 | 50.000 | Range | 20 - 135 | Recovery | =      | 19.840%#  |
| 24) Chloroform-d              | 7.648  | 84    | 287960   | 23.379   | ug/L   | 0.00      |
| Spiked Amount                 | 25.000 | Range | 40 - 150 | Recovery | =      | 93.520%   |
| 26) 1,2-Dichloroethane-d4     | 8.306  | 65    | 155945   | 22.115   | ug/L   | 0.00      |
| Spiked Amount                 | 25.000 | Range | 70 - 130 | Recovery | =      | 88.440%   |
| 32) Benzene-d6                | 8.276  | 84    | 450460   | 24.145   | ug/L   | 0.00      |
| Spiked Amount                 | 25.000 | Range | 20 - 135 | Recovery | =      | 96.600%   |
| 36) 1,2-Dichloropropane-d6    | 9.276  | 67    | 180357   | 32.127   | ug/L   | 0.00      |
| Spiked Amount                 | 25.000 | Range | 70 - 120 | Recovery | =      | 128.520%# |
| 41) Toluene-d8                | 10.324 | 98    | 342476   | 20.729   | ug/L   | 0.00      |
| Spiked Amount                 | 25.000 | Range | 30 - 130 | Recovery | =      | 82.920%   |
| 43) trans-1,3-Dichloroprop... | 10.574 | 79    | 30467    | 13.491   | ug/L   | 0.00      |
| Spiked Amount                 | 25.000 | Range | 30 - 135 | Recovery | =      | 53.960%   |
| 47) 2-Hexanone-d5             | 10.928 | 63    | 6824     | 7.048    | ug/L   | 0.00      |
| Spiked Amount                 | 50.000 | Range | 20 - 135 | Recovery | =      | 14.100%#  |
| 56) 1,1,2,2-Tetrachloroeth... | 12.690 | 84    | 114758   | 24.378   | ug/L   | 0.00      |
| Spiked Amount                 | 25.000 | Range | 45 - 120 | Recovery | =      | 97.520%   |
| 66) 1,2-Dichlorobenzene-d4    | 13.848 | 152   | 75679    | 24.169   | ug/L   | 0.00      |
| Spiked Amount                 | 25.000 | Range | 75 - 120 | Recovery | =      | 96.680%   |
|                               |        |       |          |          |        |           |
| Target Compounds              |        |       |          |          |        | Qvalue    |
| 16) Methylene chloride        | 4.917  | 84    | 38492    | 6.314    | ug/L   | 88        |
| 34) Trichloroethene           | 8.843  | 95    | 12366    | 2.544    | ug/L # | 9         |
| 48) 2-Hexanone                | 10.952 | 43    | 3231     | 1.423    | ug/L # | 46        |
| 71) Naphthalene               | 15.360 | 128   | 3348     | 0.559    | ug/L   | 99        |
| -----                         |        |       |          |          |        |           |

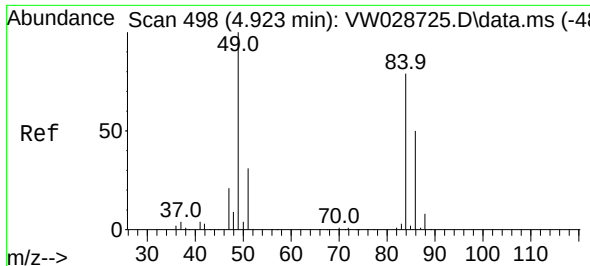
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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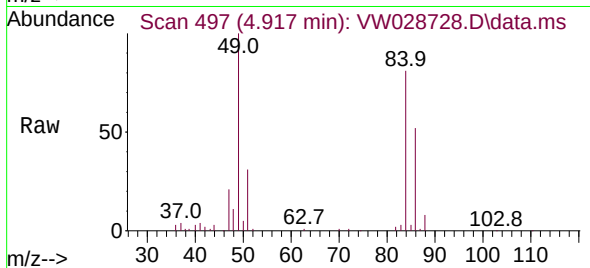
Quant Time: May 25 00:02:33 2024  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM050224SMA.M  
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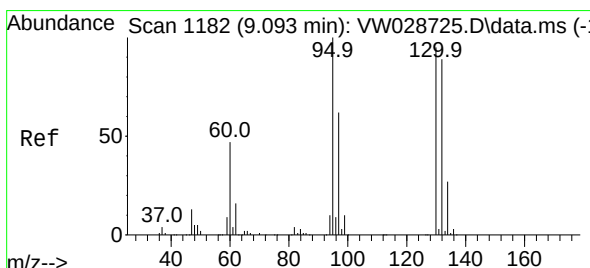
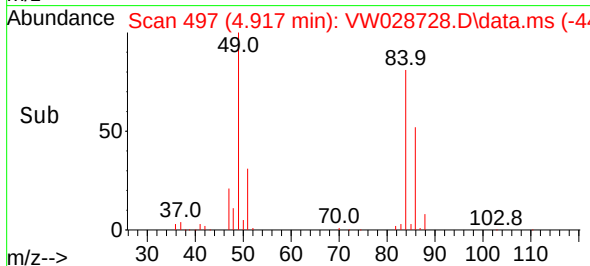
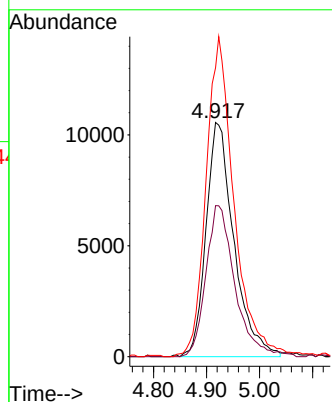
#16  
Methylene chloride  
Concen: 6.314 ug/L  
RT: 4.917 min Scan# 497  
Delta R.T. -0.006 min  
Lab File: VW028728.D  
Acq: 24 May 2024 13:00

Instrument :  
MSVOA\_W  
ClientSampleId :



Tgt Ion: 84 Resp: 38492

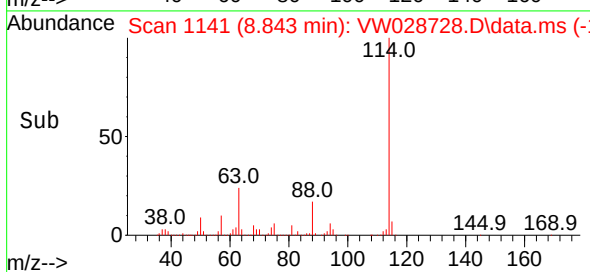
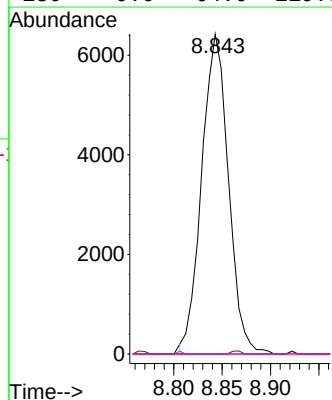
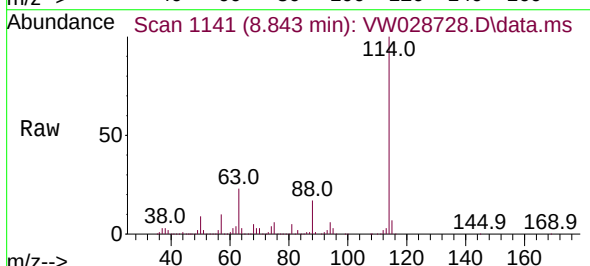
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 84  | 100   |       |       |
| 86  | 64.5  | 44.4  | 82.4  |
| 49  | 123.4 | 100.2 | 186.2 |

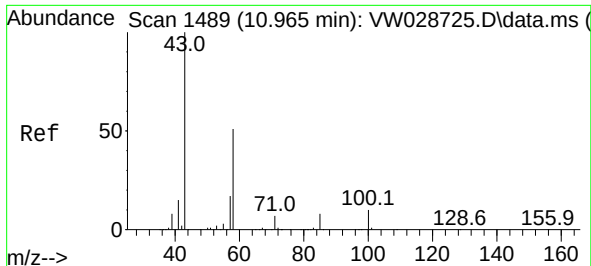


#34  
Trichloroethene  
Concen: 2.544 ug/L  
RT: 8.843 min Scan# 1141  
Delta R.T. -0.250 min  
Lab File: VW028728.D  
Acq: 24 May 2024 13:00

Tgt Ion: 95 Resp: 12366

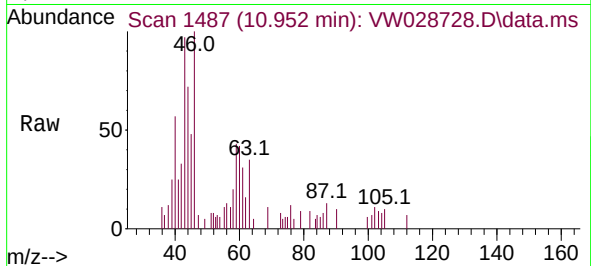
| Ion | Ratio | Lower | Upper  |
|-----|-------|-------|--------|
| 95  | 100   |       |        |
| 97  | 0.0   | 44.9  | 83.3#  |
| 132 | 0.0   | 59.7  | 110.9# |
| 130 | 0.0   | 64.0  | 119.0# |



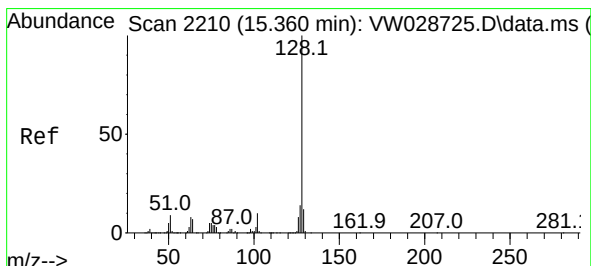
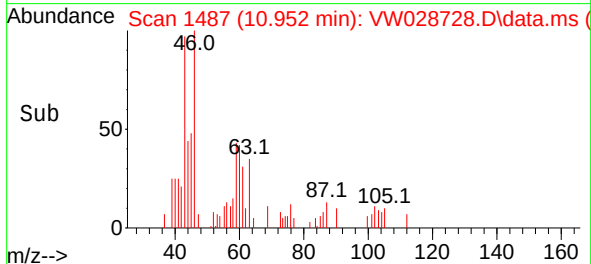
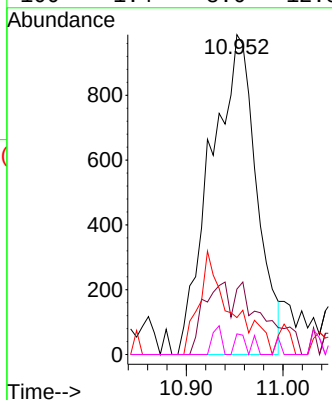


#48  
2-Hexanone  
Concen: 1.423 ug/L  
RT: 10.952 min Scan# 1487  
Delta R.T. -0.012 min  
Lab File: VW028728.D  
Acq: 24 May 2024 13:00

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|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 43    | Resp: | 3231  |
| Ion      | Ratio | Lower | Upper |
| 43       | 100   |       |       |
| 58       | 6.2   | 41.0  | 61.4# |
| 57       | 0.0   | 14.8  | 22.2# |
| 100      | 1.4   | 8.6   | 12.8# |



#71  
Naphthalene  
Concen: 0.559 ug/L  
RT: 15.360 min Scan# 2210  
Delta R.T. -0.000 min  
Lab File: VW028728.D  
Acq: 24 May 2024 13:00

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 128   | Resp: | 3348  |
| Ion      | Ratio | Lower | Upper |
| 128      | 100   |       |       |
| 127      | 13.1  | 10.6  | 15.8  |
| 129      | 10.2  | 8.5   | 12.7  |

