

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW052424\  
 Data File : VW028793.D  
 Acq On : 25 May 2024 16:52  
 Operator : SY/MD  
 Sample : P2571-05RE  
 Misc : 4.68g/10mL/MSVOA\_W/SOIL/B  
 ALS Vial : 21 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :

Quant Time: May 27 01:14:43 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM050224SMA.M  
 Quant Title : SFAM01.0  
 QLast Update : Mon May 27 01:09:16 2024  
 Response via : Initial Calibration

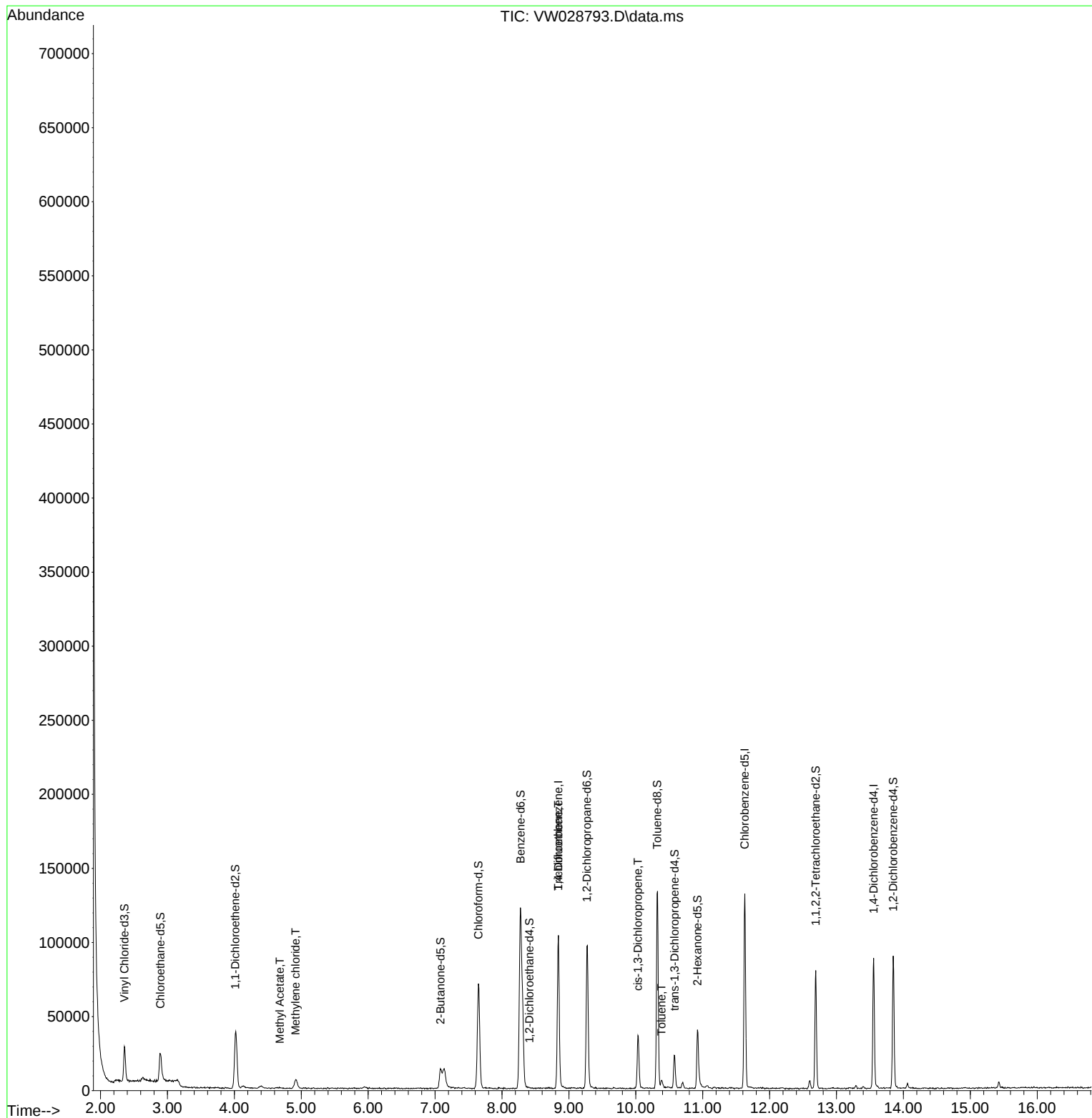
| Compound                      | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min)  |
|-------------------------------|--------|-------|----------|----------|--------|-----------|
| -----                         |        |       |          |          |        |           |
| Internal Standards            |        |       |          |          |        |           |
| 1) 1,4-Difluorobenzene        | 8.843  | 114   | 79805    | 25.000   | ug/L   | 0.00      |
| 28) Chlorobenzene-d5          | 11.629 | 117   | 70018    | 25.000   | ug/L   | 0.00      |
| 58) 1,4-Dichlorobenzene-d4    | 13.556 | 152   | 21591    | 25.000   | ug/L   | 0.00      |
| System Monitoring Compounds   |        |       |          |          |        |           |
| 4) Vinyl Chloride-d3          | 2.357  | 65    | 26742    | 17.646   | ug/L   | -0.01     |
| Spiked Amount                 | 25.000 | Range | 30 - 150 | Recovery | =      | 70.600%   |
| 7) Chloroethane-d5            | 2.893  | 69    | 27099    | 23.354   | ug/L   | 0.00      |
| Spiked Amount                 | 25.000 | Range | 30 - 150 | Recovery | =      | 93.400%   |
| 11) 1,1-Dichloroethene-d2     | 4.015  | 65    | 12396    | 19.578   | ug/L   | -0.01     |
| Spiked Amount                 | 25.000 | Range | 45 - 110 | Recovery | =      | 78.320%   |
| 21) 2-Butanone-d5             | 7.081  | 46    | 23095    | 58.414   | ug/L   | 0.00      |
| Spiked Amount                 | 50.000 | Range | 20 - 135 | Recovery | =      | 116.820%  |
| 24) Chloroform-d              | 7.648  | 84    | 70943    | 28.449   | ug/L   | 0.00      |
| Spiked Amount                 | 25.000 | Range | 40 - 150 | Recovery | =      | 113.800%  |
| 26) 1,2-Dichloroethane-d4     | 8.410  | 65    | 128      | 0.090    | ug/L   | 0.10      |
| Spiked Amount                 | 25.000 | Range | 70 - 130 | Recovery | =      | 0.360%#   |
| 32) Benzene-d6                | 8.276  | 84    | 120480   | 25.790   | ug/L   | 0.00      |
| Spiked Amount                 | 25.000 | Range | 20 - 135 | Recovery | =      | 103.160%  |
| 36) 1,2-Dichloropropane-d6    | 9.270  | 67    | 44499    | 31.656   | ug/L   | 0.00      |
| Spiked Amount                 | 25.000 | Range | 70 - 120 | Recovery | =      | 126.640%# |
| 41) Toluene-d8                | 10.319 | 98    | 88370    | 21.361   | ug/L   | 0.00      |
| Spiked Amount                 | 25.000 | Range | 30 - 130 | Recovery | =      | 85.440%   |
| 43) trans-1,3-Dichloroprop... | 10.581 | 79    | 12451    | 22.018   | ug/L   | 0.00      |
| Spiked Amount                 | 25.000 | Range | 30 - 135 | Recovery | =      | 88.080%   |
| 47) 2-Hexanone-d5             | 10.922 | 63    | 11704    | 48.274   | ug/L   | 0.00      |
| Spiked Amount                 | 50.000 | Range | 20 - 135 | Recovery | =      | 96.540%   |
| 56) 1,1,2,2-Tetrachloroeth... | 12.690 | 84    | 38365    | 32.547   | ug/L   | 0.00      |
| Spiked Amount                 | 25.000 | Range | 45 - 120 | Recovery | =      | 130.200%# |
| 66) 1,2-Dichlorobenzene-d4    | 13.848 | 152   | 22251    | 27.039   | ug/L   | 0.00      |
| Spiked Amount                 | 25.000 | Range | 75 - 120 | Recovery | =      | 108.160%  |
| Target Compounds              |        |       |          |          |        |           |
|                               |        |       |          |          | Qvalue |           |
| 15) Methyl Acetate            | 4.679  | 43    | 358      | 0.572    | ug/L # | 54        |
| 16) Methylene chloride        | 4.917  | 84    | 4410     | 3.573    | ug/L   | 81        |
| 34) Trichloroethene           | 8.843  | 95    | 2707     | 2.224    | ug/L # | 9         |
| 39) cis-1,3-Dichloropropene   | 10.032 | 75    | 1063     | 0.627    | ug/L   | 89        |
| 42) Toluene                   | 10.386 | 91    | 3397     | 0.724    | ug/L   | 91        |
| -----                         |        |       |          |          |        |           |

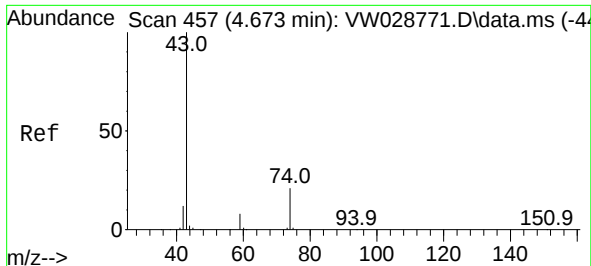
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW052424\  
Data File : VW028793.D  
Acq On : 25 May 2024 16:52  
Operator : SY/MD  
Sample : P2571-05RE  
Misc : 4.68g/10mL/MSVOA\_W/SOIL/B  
ALS Vial : 21 Sample Multiplier: 1

Instrument :  
MSVOA\_W  
ClientSampleId :

Quant Time: May 27 01:14:43 2024  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM050224SMA.M  
Quant Title : SFAM01.0  
QLast Update : Mon May 27 01:09:16 2024  
Response via : Initial Calibration





#15

Methyl Acetate

Concen: 0.572 ug/L

RT: 4.679 min Scan# 457

Delta R.T. 0.006 min

Lab File: VW028793.D

Acq: 25 May 2024 16:52

Instrument :

MSVOA\_W

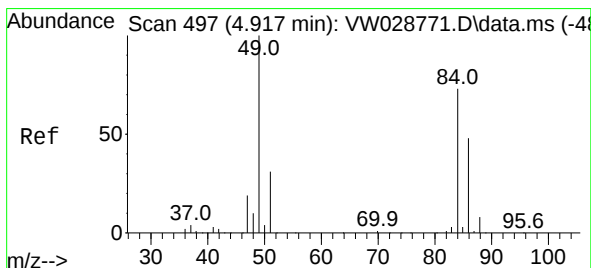
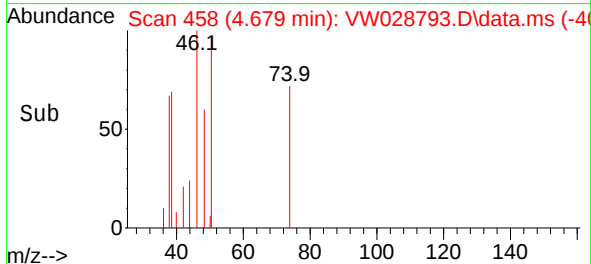
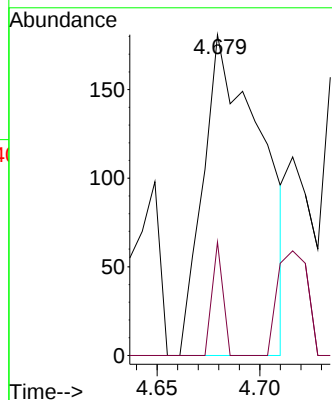
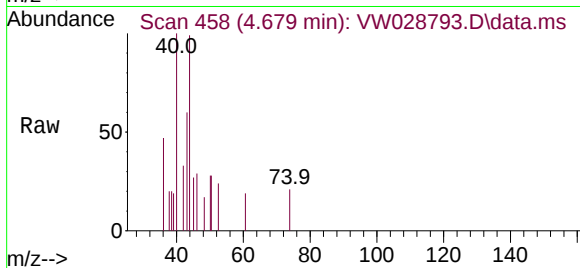
ClientSampleId :

Tgt Ion: 43 Resp: 358

Ion Ratio Lower Upper

43 100

74 0.0 17.6 26.4#



#16

Methylene chloride

Concen: 3.573 ug/L

RT: 4.917 min Scan# 497

Delta R.T. 0.000 min

Lab File: VW028793.D

Acq: 25 May 2024 16:52

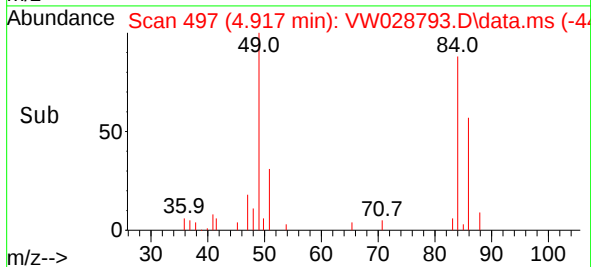
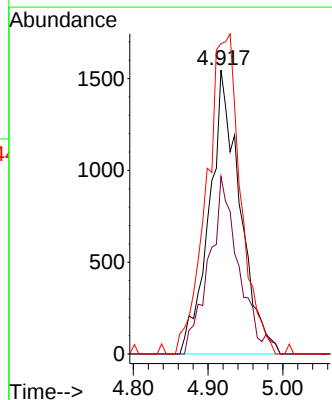
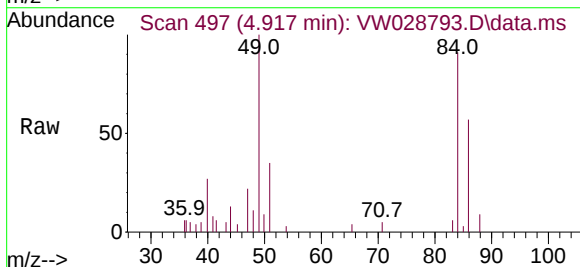
Tgt Ion: 84 Resp: 4410

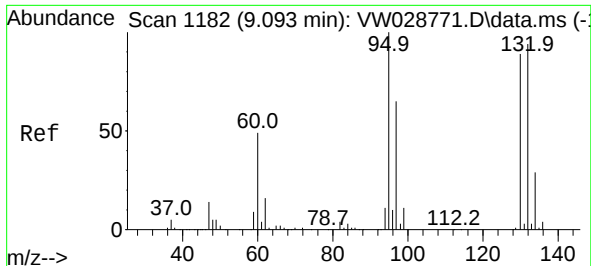
Ion Ratio Lower Upper

84 100

86 62.5 44.4 82.4

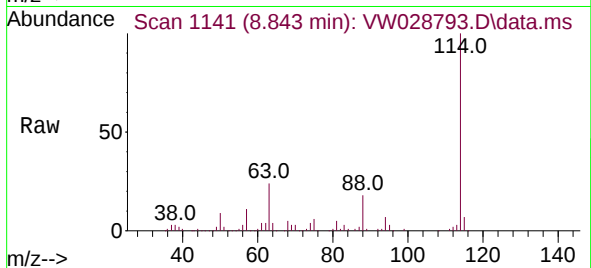
49 109.4 100.2 186.2



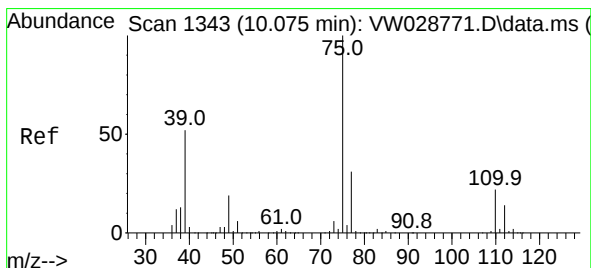
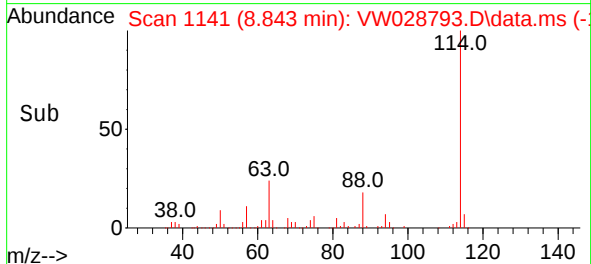
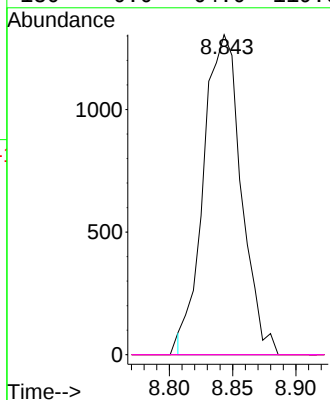


#34  
Trichloroethene  
Concen: 2.224 ug/L  
RT: 8.843 min Scan# 1182  
Delta R.T. -0.250 min  
Lab File: VW028793.D  
Acq: 25 May 2024 16:52

Instrument :  
MSVOA\_W  
ClientSampleId :

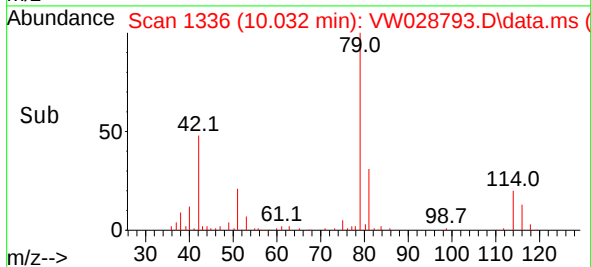
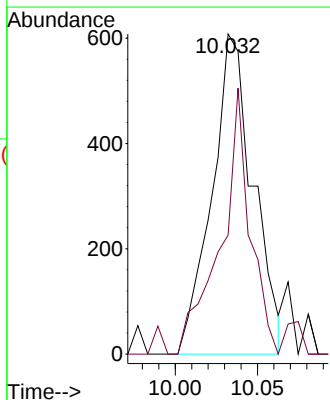
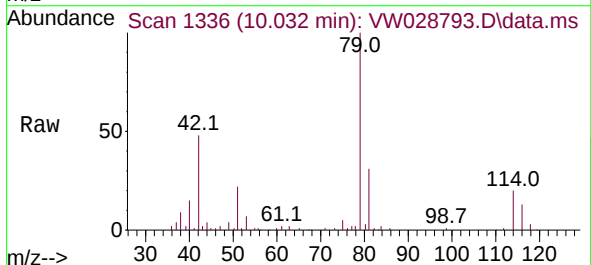


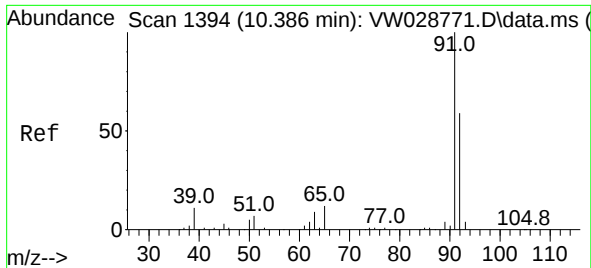
Tgt Ion: 95 Resp: 2707  
Ion Ratio Lower Upper  
95 100  
97 0.0 44.9 83.3#  
132 0.0 59.7 110.9#  
130 0.0 64.0 119.0#



#39  
cis-1,3-Dichloropropene  
Concen: 0.627 ug/L  
RT: 10.032 min Scan# 1336  
Delta R.T. -0.043 min  
Lab File: VW028793.D  
Acq: 25 May 2024 16:52

Tgt Ion: 75 Resp: 1063  
Ion Ratio Lower Upper  
75 100  
77 37.2 21.8 40.6





#42  
Toluene  
Concen: 0.724 ug/L  
RT: 10.386 min Scan# 14  
Delta R.T. 0.000 min  
Lab File: VW028793.D  
Acq: 25 May 2024 16:52

Instrument :  
MSVOA\_W  
ClientSampleId :

Tgt Ion: 91 Resp: 3397  
Ion Ratio Lower Upper  
91 100  
92 53.6 42.5 78.9

