

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW053124\  
 Data File : VW028937.D  
 Acq On : 31 May 2024 12:50  
 Operator : SY/MD  
 Sample : P2648-14  
 Misc : 4.62g/10mL/MSVOA\_W/SOIL/A  
 ALS Vial : 12 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :

Quant Time: Jun 01 00:33:20 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM050224SMA.M  
 Quant Title : SFAM01.0  
 QLast Update : Sat Jun 01 00:30:04 2024  
 Response via : Initial Calibration

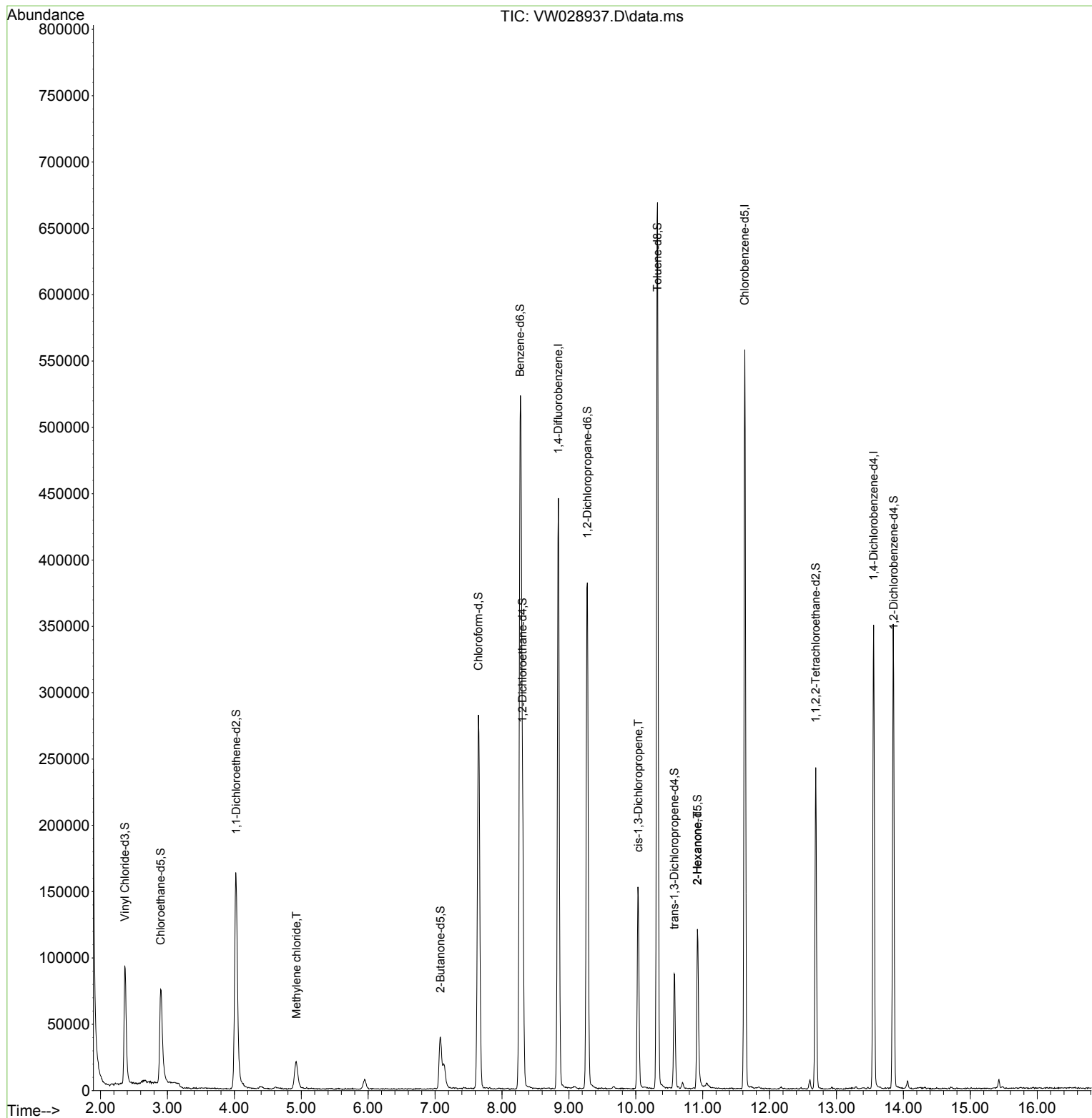
| Compound                      | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min)  |
|-------------------------------|--------|-------|----------|----------|--------|-----------|
| -----                         |        |       |          |          |        |           |
| Internal Standards            |        |       |          |          |        |           |
| 1) 1,4-Difluorobenzene        | 8.843  | 114   | 357876   | 25.000   | ug/L   | 0.00      |
| 28) Chlorobenzene-d5          | 11.629 | 117   | 298008   | 25.000   | ug/L   | 0.00      |
| 58) 1,4-Dichlorobenzene-d4    | 13.555 | 152   | 87550    | 25.000   | ug/L   | 0.00      |
|                               |        |       |          |          |        |           |
| System Monitoring Compounds   |        |       |          |          |        |           |
| 4) Vinyl Chloride-d3          | 2.362  | 65    | 124928   | 18.383   | ug/L   | 0.00      |
| Spiked Amount                 | 25.000 | Range | 30 - 150 | Recovery | =      | 73.520%   |
| 7) Chloroethane-d5            | 2.899  | 69    | 116207   | 22.332   | ug/L   | 0.00      |
| Spiked Amount                 | 25.000 | Range | 30 - 150 | Recovery | =      | 89.320%   |
| 11) 1,1-Dichloroethene-d2     | 4.027  | 65    | 57488    | 20.247   | ug/L   | 0.00      |
| Spiked Amount                 | 25.000 | Range | 45 - 110 | Recovery | =      | 81.000%   |
| 21) 2-Butanone-d5             | 7.081  | 46    | 67261    | 37.936   | ug/L   | 0.00      |
| Spiked Amount                 | 50.000 | Range | 20 - 135 | Recovery | =      | 75.880%   |
| 24) Chloroform-d              | 7.648  | 84    | 289239   | 25.865   | ug/L   | 0.00      |
| Spiked Amount                 | 25.000 | Range | 40 - 150 | Recovery | =      | 103.480%  |
| 26) 1,2-Dichloroethane-d4     | 8.306  | 65    | 156829   | 24.497   | ug/L   | 0.00      |
| Spiked Amount                 | 25.000 | Range | 70 - 130 | Recovery | =      | 98.000%   |
| 32) Benzene-d6                | 8.270  | 84    | 533516   | 26.833   | ug/L   | 0.00      |
| Spiked Amount                 | 25.000 | Range | 20 - 135 | Recovery | =      | 107.320%  |
| 36) 1,2-Dichloropropane-d6    | 9.276  | 67    | 180233   | 30.124   | ug/L   | 0.00      |
| Spiked Amount                 | 25.000 | Range | 70 - 120 | Recovery | =      | 120.480%# |
| 41) Toluene-d8                | 10.324 | 98    | 440683   | 25.028   | ug/L   | 0.00      |
| Spiked Amount                 | 25.000 | Range | 30 - 130 | Recovery | =      | 100.120%  |
| 43) trans-1,3-Dichloroprop... | 10.574 | 79    | 47837    | 19.875   | ug/L   | 0.00      |
| Spiked Amount                 | 25.000 | Range | 30 - 135 | Recovery | =      | 79.520%   |
| 47) 2-Hexanone-d5             | 10.922 | 63    | 38796    | 37.596   | ug/L   | 0.00      |
| Spiked Amount                 | 50.000 | Range | 20 - 135 | Recovery | =      | 75.200%   |
| 56) 1,1,2,2-Tetrachloroeth... | 12.690 | 84    | 115795   | 23.081   | ug/L   | 0.00      |
| Spiked Amount                 | 25.000 | Range | 45 - 120 | Recovery | =      | 92.320%   |
| 66) 1,2-Dichlorobenzene-d4    | 13.854 | 152   | 85367    | 25.583   | ug/L   | 0.00      |
| Spiked Amount                 | 25.000 | Range | 75 - 120 | Recovery | =      | 102.320%  |
|                               |        |       |          |          |        |           |
| Target Compounds              |        |       |          |          |        | Qvalue    |
| 16) Methylene chloride        | 4.929  | 84    | 17197    | 3.107    | ug/L   | 81        |
| 39) cis-1,3-Dichloropropene   | 10.038 | 75    | 3688     | 0.511    | ug/L # | 71        |
| 48) 2-Hexanone                | 10.922 | 43    | 7426     | 3.069    | ug/L # | 72        |
| -----                         |        |       |          |          |        |           |

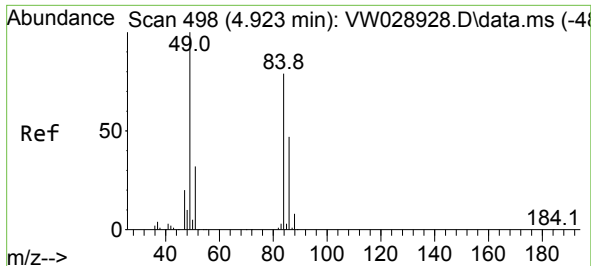
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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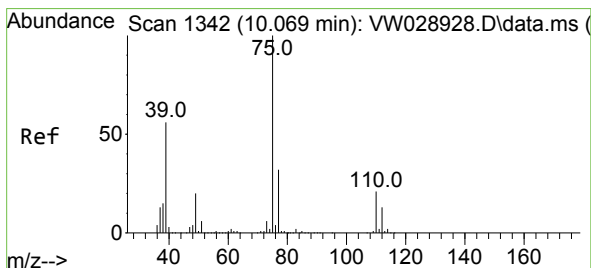
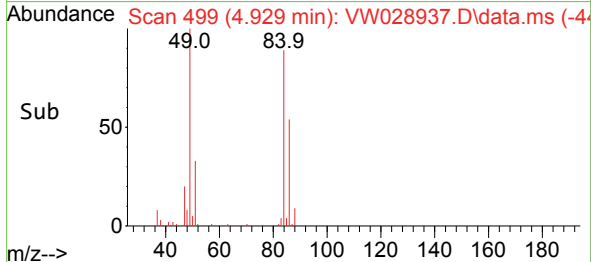
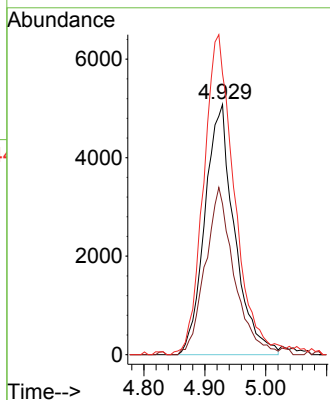
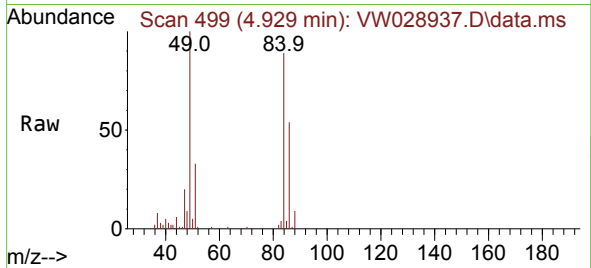




#16  
Methylene chloride  
Concen: 3.107 ug/L  
RT: 4.929 min Scan# 49  
Delta R.T. 0.006 min  
Lab File: VW028937.D  
Acq: 31 May 2024 12:50

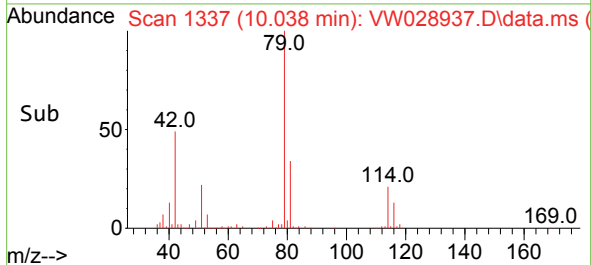
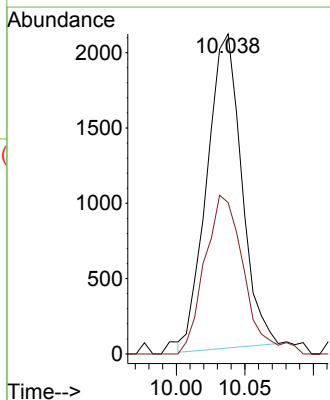
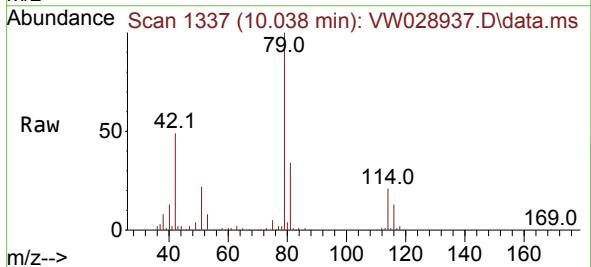
Instrument :  
MSVOA\_W  
ClientSampleId :

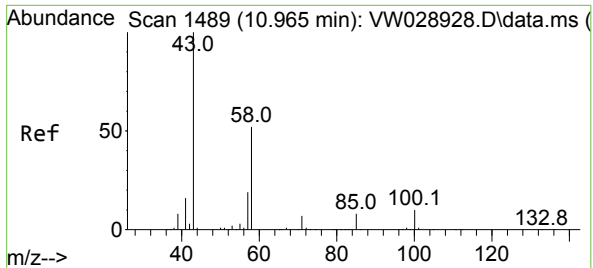
Tgt Ion: 84 Resp: 17197  
Ion Ratio Lower Upper  
84 100  
86 60.3 44.4 82.4  
49 112.3 100.2 186.2



#39  
cis-1,3-Dichloropropene  
Concen: 0.511 ug/L  
RT: 10.038 min Scan# 1337  
Delta R.T. -0.031 min  
Lab File: VW028937.D  
Acq: 31 May 2024 12:50

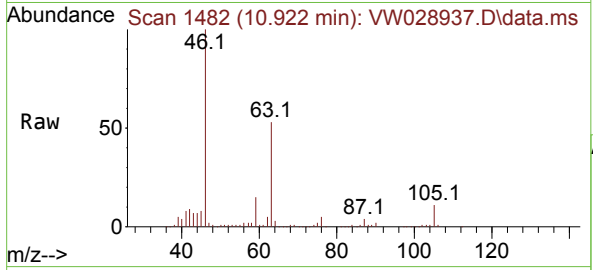
Tgt Ion: 75 Resp: 3688  
Ion Ratio Lower Upper  
75 100  
77 47.3 21.8 40.6#





#48  
 2-Hexanone  
 Concen: 3.069 ug/L  
 RT: 10.922 min Scan# 14  
 Delta R.T. -0.043 min  
 Lab File: VW028937.D  
 Acq: 31 May 2024 12:50

Instrument :  
 MSVOA\_W  
 ClientSampleId :



|             |       |             |
|-------------|-------|-------------|
| Tgt Ion: 43 | Resp: | 7426        |
| Ion         | Ratio | Lower Upper |
| 43          | 100   |             |
| 58          | 24.7  | 41.0 61.4#  |
| 57          | 21.2  | 14.8 22.2   |
| 100         | 3.5   | 8.6 12.8#   |

