

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW060624\  
 Data File : VW029036.D  
 Acq On : 06 Jun 2024 14:32  
 Operator : SY/MD  
 Sample : P2696-04  
 Misc : 5.28g/10mL/MSVOA\_W/SOIL/A  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :

Quant Time: Jun 07 00:25:32 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM060324SMA.M  
 Quant Title : SFAM01.0  
 QLast Update : Fri Jun 07 00:21:46 2024  
 Response via : Initial Calibration

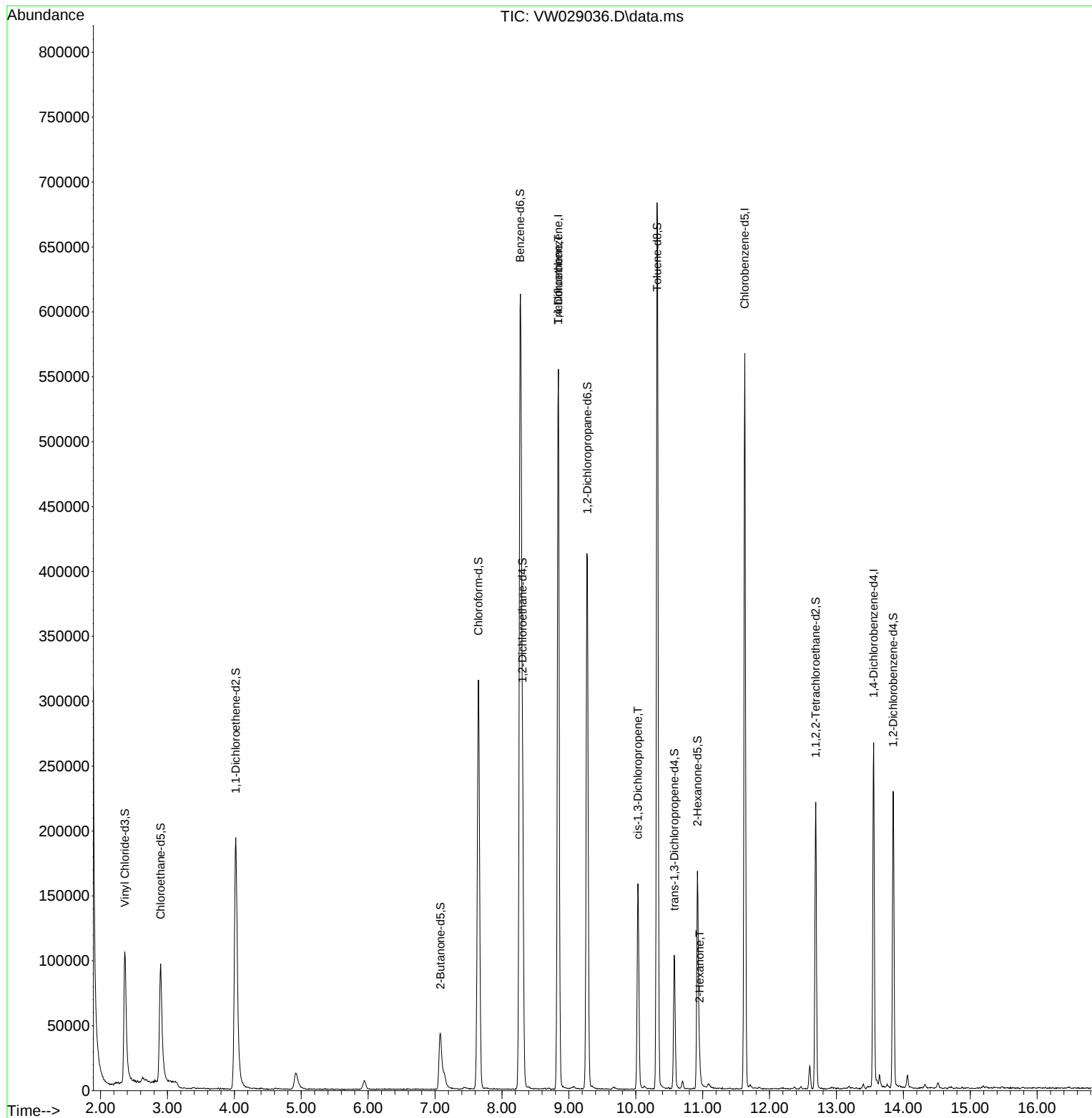
| Compound                      | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min)  |
|-------------------------------|--------|-------|----------|----------|--------|-----------|
| -----                         |        |       |          |          |        |           |
| Internal Standards            |        |       |          |          |        |           |
| 1) 1,4-Difluorobenzene        | 8.843  | 114   | 449134   | 25.000   | ug/L   | 0.00      |
| 28) Chlorobenzene-d5          | 11.629 | 117   | 295360   | 25.000   | ug/L   | 0.00      |
| 58) 1,4-Dichlorobenzene-d4    | 13.556 | 152   | 64965    | 25.000   | ug/L   | 0.00      |
| System Monitoring Compounds   |        |       |          |          |        |           |
| 4) Vinyl Chloride-d3          | 2.363  | 65    | 166739   | 23.369   | ug/L   | 0.00      |
| Spiked Amount                 | 25.000 | Range | 30 - 150 | Recovery | =      | 93.480%   |
| 7) Chloroethane-d5            | 2.899  | 69    | 142746   | 26.053   | ug/L   | 0.00      |
| Spiked Amount                 | 25.000 | Range | 30 - 150 | Recovery | =      | 104.200%  |
| 11) 1,1-Dichloroethene-d2     | 4.021  | 65    | 74150    | 23.644   | ug/L   | 0.00      |
| Spiked Amount                 | 25.000 | Range | 45 - 110 | Recovery | =      | 94.560%   |
| 21) 2-Butanone-d5             | 7.081  | 46    | 73719    | 50.568   | ug/L   | 0.00      |
| Spiked Amount                 | 50.000 | Range | 20 - 135 | Recovery | =      | 101.140%  |
| 24) Chloroform-d              | 7.648  | 84    | 316177   | 24.676   | ug/L   | 0.00      |
| Spiked Amount                 | 25.000 | Range | 40 - 150 | Recovery | =      | 98.720%   |
| 26) 1,2-Dichloroethane-d4     | 8.307  | 65    | 189815   | 28.138   | ug/L   | 0.00      |
| Spiked Amount                 | 25.000 | Range | 70 - 130 | Recovery | =      | 112.560%  |
| 32) Benzene-d6                | 8.270  | 84    | 623710   | 34.405   | ug/L   | 0.00      |
| Spiked Amount                 | 25.000 | Range | 20 - 135 | Recovery | =      | 137.640%# |
| 36) 1,2-Dichloropropane-d6    | 9.276  | 67    | 196498   | 35.750   | ug/L   | 0.00      |
| Spiked Amount                 | 25.000 | Range | 70 - 120 | Recovery | =      | 143.000%# |
| 41) Toluene-d8                | 10.319 | 98    | 449720   | 27.799   | ug/L   | 0.00      |
| Spiked Amount                 | 25.000 | Range | 30 - 130 | Recovery | =      | 111.200%  |
| 43) trans-1,3-Dichloroprop... | 10.575 | 79    | 56502    | 26.752   | ug/L   | 0.00      |
| Spiked Amount                 | 25.000 | Range | 30 - 135 | Recovery | =      | 107.000%  |
| 47) 2-Hexanone-d5             | 10.922 | 63    | 51151    | 70.520   | ug/L   | 0.00      |
| Spiked Amount                 | 50.000 | Range | 20 - 135 | Recovery | =      | 141.040%# |
| 56) 1,1,2,2-Tetrachloroeth... | 12.690 | 84    | 107802   | 28.232   | ug/L   | 0.00      |
| Spiked Amount                 | 25.000 | Range | 45 - 120 | Recovery | =      | 112.920%  |
| 66) 1,2-Dichlorobenzene-d4    | 13.849 | 152   | 56372    | 24.453   | ug/L   | 0.00      |
| Spiked Amount                 | 25.000 | Range | 75 - 120 | Recovery | =      | 97.800%   |
| Target Compounds              |        |       |          |          |        |           |
|                               |        |       |          |          | Qvalue |           |
| 34) Trichloroethene           | 8.843  | 95    | 13889    | 2.877    | ug/L # | 9         |
| 39) cis-1,3-Dichloropropene   | 10.032 | 75    | 4158     | 0.595    | ug/L # | 42        |
| 48) 2-Hexanone                | 10.953 | 43    | 9939     | 5.419    | ug/L # | 40        |
| -----                         |        |       |          |          |        |           |

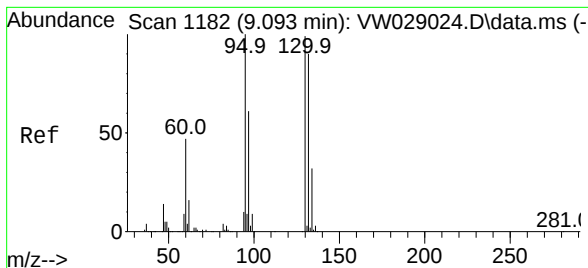
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#34

Trichloroethene

Concen: 2.877 ug/L

RT: 8.843 min Scan# 1141

Delta R.T. -0.250 min

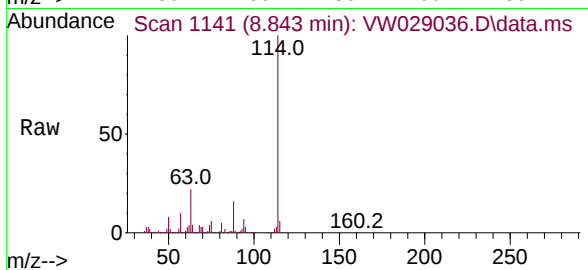
Lab File: VW029036.D

Acq: 06 Jun 2024 14:32

Instrument :

MSVOA\_W

ClientSampleId :



Tgt Ion: 95 Resp: 13889

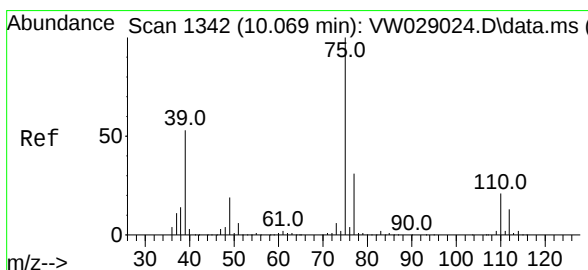
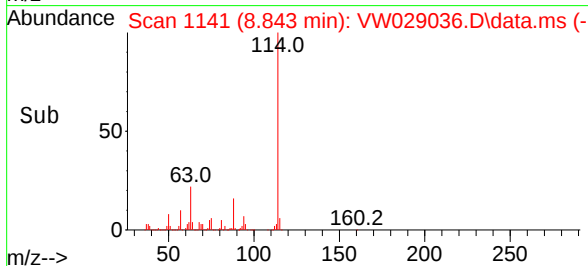
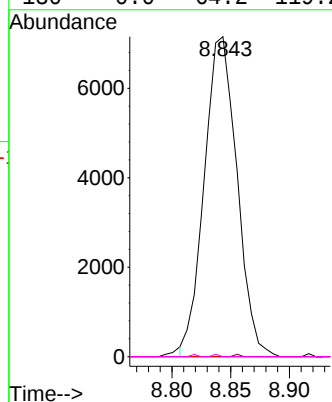
Ion Ratio Lower Upper

95 100

97 0.0 41.9 77.7#

132 0.0 60.1 111.5#

130 0.0 64.2 119.2#



#39

cis-1,3-Dichloropropene

Concen: 0.595 ug/L

RT: 10.032 min Scan# 1336

Delta R.T. -0.037 min

Lab File: VW029036.D

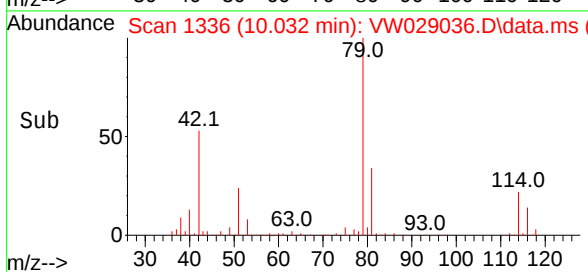
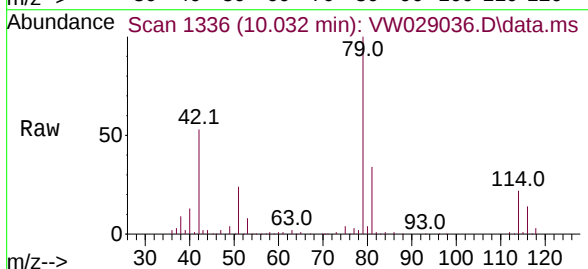
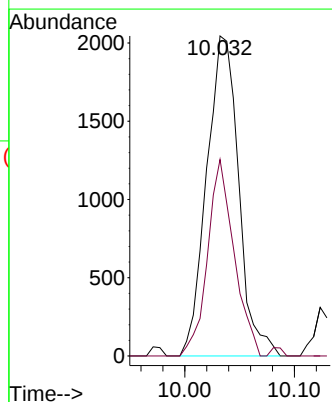
Acq: 06 Jun 2024 14:32

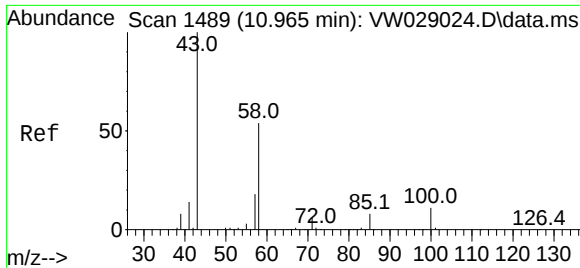
Tgt Ion: 75 Resp: 4158

Ion Ratio Lower Upper

75 100

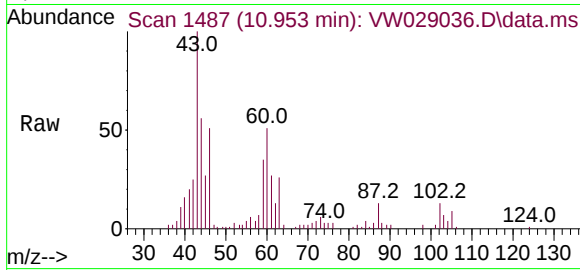
77 61.4 21.0 39.0#





#48  
 2-Hexanone  
 Concen: 5.419 ug/L  
 RT: 10.953 min Scan# 14  
 Delta R.T. -0.012 min  
 Lab File: VW029036.D  
 Acq: 06 Jun 2024 14:32

Instrument :  
 MSVOA\_W  
 ClientSampleId :



|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 43    | Resp: | 9939  |
| Ion      | Ratio | Lower | Upper |
| 43       | 100   |       |       |
| 58       | 0.0   | 41.4  | 62.0# |
| 57       | 0.7   | 14.2  | 21.4# |
| 100      | 0.8   | 9.1   | 13.7# |

