

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW042523\  
 Data File : VW025689.D  
 Acq On : 25 Apr 2023 17:46  
 Operator : SY/MD  
 Sample : 02479-12RE  
 Misc : 4.58g/10mL/MSVOA\_W/SOIL  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 EW953RE

Quant Time: Apr 26 01:18:06 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM040323SMA.M  
 Quant Title : SFAM01.0  
 QLast Update : Wed Apr 26 01:13:04 2023  
 Response via : Initial Calibration

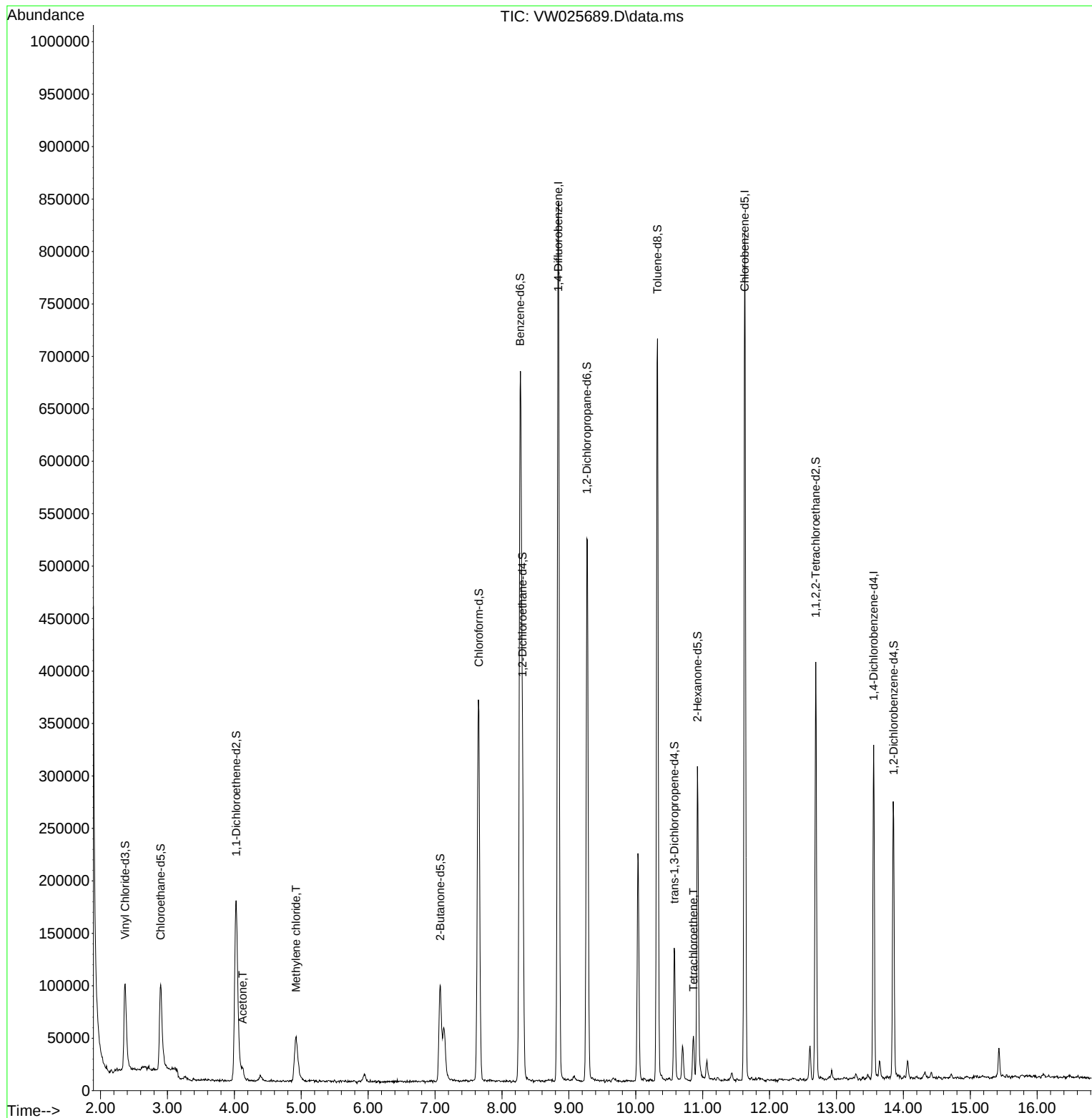
| Compound                      | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min)  |
|-------------------------------|--------|-------|----------|----------|--------|-----------|
| -----                         |        |       |          |          |        |           |
| Internal Standards            |        |       |          |          |        |           |
| 1) 1,4-Difluorobenzene        | 8.843  | 114   | 667846   | 25.000   | ug/L   | 0.00      |
| 28) Chlorobenzene-d5          | 11.629 | 117   | 409212   | 25.000   | ug/L   | 0.00      |
| 58) 1,4-Dichlorobenzene-d4    | 13.556 | 152   | 76223    | 25.000   | ug/L   | 0.00      |
|                               |        |       |          |          |        |           |
| System Monitoring Compounds   |        |       |          |          |        |           |
| 4) Vinyl Chloride-d3          | 2.369  | 65    | 140384   | 12.918   | ug/L   | 0.00      |
| Spiked Amount                 | 25.000 | Range | 30 - 150 | Recovery | =      | 51.680%   |
| 7) Chloroethane-d5            | 2.899  | 69    | 128755   | 16.640   | ug/L   | 0.00      |
| Spiked Amount                 | 25.000 | Range | 30 - 150 | Recovery | =      | 66.560%   |
| 11) 1,1-Dichloroethene-d2     | 4.027  | 63    | 228941   | 10.417   | ug/L   | 0.00      |
| Spiked Amount                 | 25.000 | Range | 45 - 110 | Recovery | =      | 41.680%#  |
| 21) 2-Butanone-d5             | 7.075  | 46    | 169553   | 69.935   | ug/L   | 0.00      |
| Spiked Amount                 | 50.000 | Range | 20 - 135 | Recovery | =      | 139.860%# |
| 24) Chloroform-d              | 7.655  | 84    | 368993   | 19.678   | ug/L   | 0.00      |
| Spiked Amount                 | 25.000 | Range | 40 - 150 | Recovery | =      | 78.720%   |
| 26) 1,2-Dichloroethane-d4     | 8.307  | 65    | 224290   | 22.992   | ug/L   | 0.00      |
| Spiked Amount                 | 25.000 | Range | 70 - 130 | Recovery | =      | 91.960%   |
| 32) Benzene-d6                | 8.270  | 84    | 683339   | 25.789   | ug/L   | 0.00      |
| Spiked Amount                 | 25.000 | Range | 20 - 135 | Recovery | =      | 103.160%  |
| 36) 1,2-Dichloropropane-d6    | 9.270  | 67    | 246124   | 29.791   | ug/L   | 0.00      |
| Spiked Amount                 | 25.000 | Range | 70 - 120 | Recovery | =      | 119.160%  |
| 41) Toluene-d8                | 10.325 | 98    | 460781   | 19.908   | ug/L   | 0.00      |
| Spiked Amount                 | 25.000 | Range | 30 - 130 | Recovery | =      | 79.640%   |
| 43) trans-1,3-Dichloroprop... | 10.575 | 79    | 68140    | 21.998   | ug/L   | 0.00      |
| Spiked Amount                 | 25.000 | Range | 30 - 135 | Recovery | =      | 88.000%   |
| 47) 2-Hexanone-d5             | 10.922 | 63    | 96255    | 85.236   | ug/L   | 0.00      |
| Spiked Amount                 | 50.000 | Range | 20 - 135 | Recovery | =      | 170.480%# |
| 56) 1,1,2,2-Tetrachloroeth... | 12.690 | 84    | 201280   | 36.095   | ug/L   | 0.00      |
| Spiked Amount                 | 25.000 | Range | 45 - 120 | Recovery | =      | 144.400%# |
| 66) 1,2-Dichlorobenzene-d4    | 13.855 | 152   | 63284    | 24.167   | ug/L   | 0.00      |
| Spiked Amount                 | 25.000 | Range | 75 - 120 | Recovery | =      | 96.680%   |
|                               |        |       |          |          |        |           |
| Target Compounds              |        |       |          |          | Qvalue |           |
| 13) Acetone                   | 4.125  | 43    | 17068    | 8.318    | ug/L   | 98        |
| 16) Methylene chloride        | 4.923  | 84    | 37336    | 3.517    | ug/L   | 99        |
| 46) Tetrachloroethene         | 10.861 | 164   | 9262     | 1.778    | ug/L   | 90        |
| -----                         |        |       |          |          |        |           |

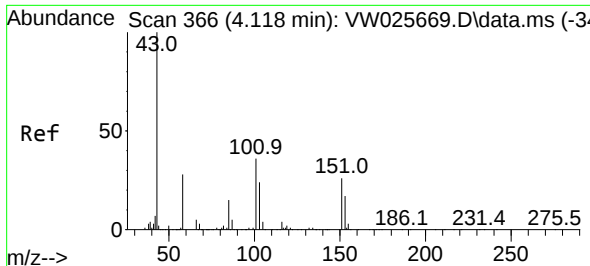
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 8.318 ug/L

RT: 4.125 min Scan# 3

Delta R.T. 0.006 min

Lab File: VW025689.D

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Instrument :

MSVOA\_W

ClientSampleId :

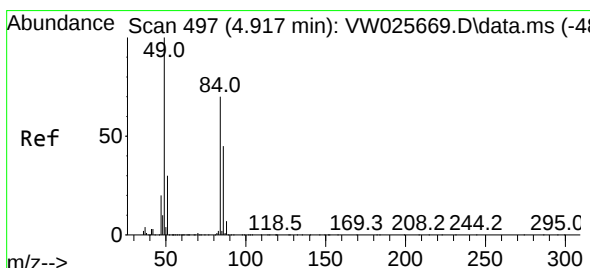
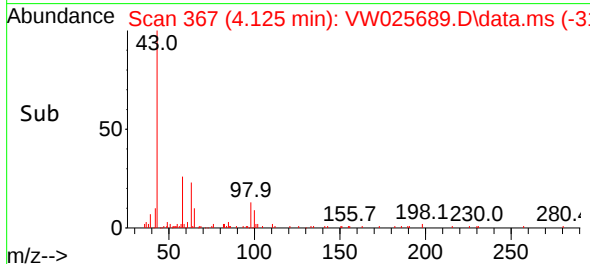
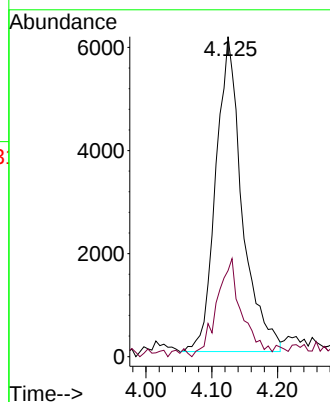
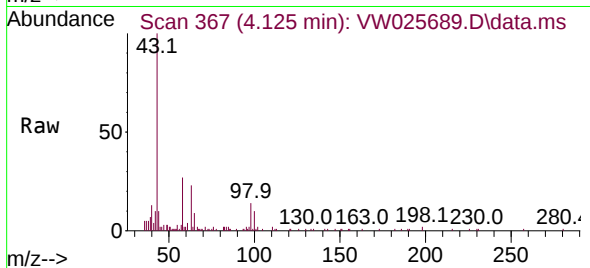
EW953RE

Tgt Ion: 43 Resp: 17068

Ion Ratio Lower Upper

43 100

58 29.9 0.0 57.4



#16

Methylene chloride

Concen: 3.517 ug/L

RT: 4.923 min Scan# 498

Delta R.T. 0.006 min

Lab File: VW025689.D

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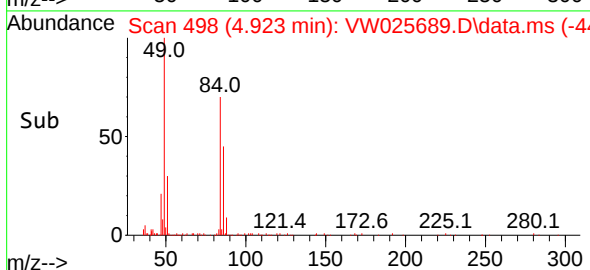
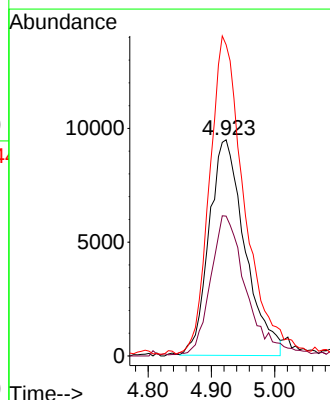
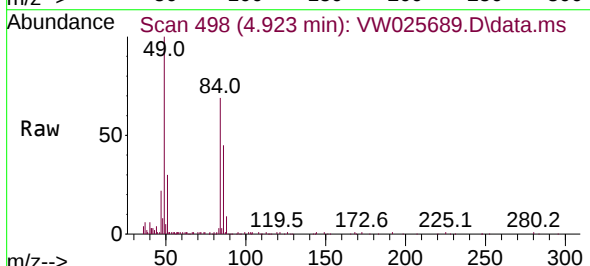
Tgt Ion: 84 Resp: 37336

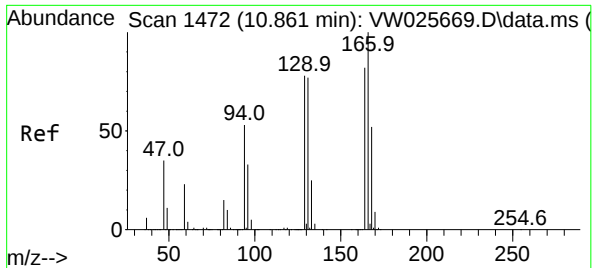
Ion Ratio Lower Upper

84 100

86 64.7 44.9 83.3

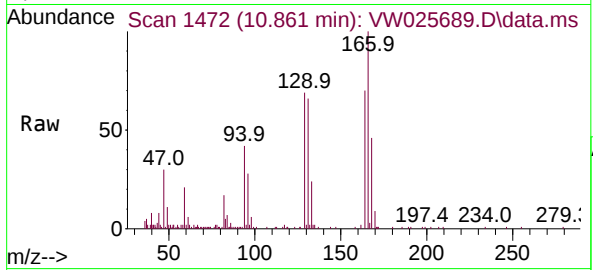
49 144.0 101.4 188.4





#46  
 Tetrachloroethene  
 Concen: 1.778 ug/L  
 RT: 10.861 min Scan# 14  
 Delta R.T. 0.000 min  
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Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 EW953RE



|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 164   | Resp: | 9262  |
| Ion      | Ratio | Lower | Upper |
| 164      | 100   |       |       |
| 129      | 97.5  | 76.9  | 142.9 |
| 131      | 94.2  | 70.5  | 130.9 |
| 166      | 142.0 | 89.2  | 165.8 |

