

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW071224\  
 Data File : VW029564.D  
 Acq On : 12 Jul 2024 20:44  
 Operator : SY/MD  
 Sample : P3230-09  
 Misc : 6.40g/10mL/MSVOA\_W/SOIL/A  
 ALS Vial : 27 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :

Quant Time: Jul 12 23:30:39 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM070824SMA.M  
 Quant Title : SFAM01.0  
 QLast Update : Fri Jul 12 23:17:28 2024  
 Response via : Initial Calibration

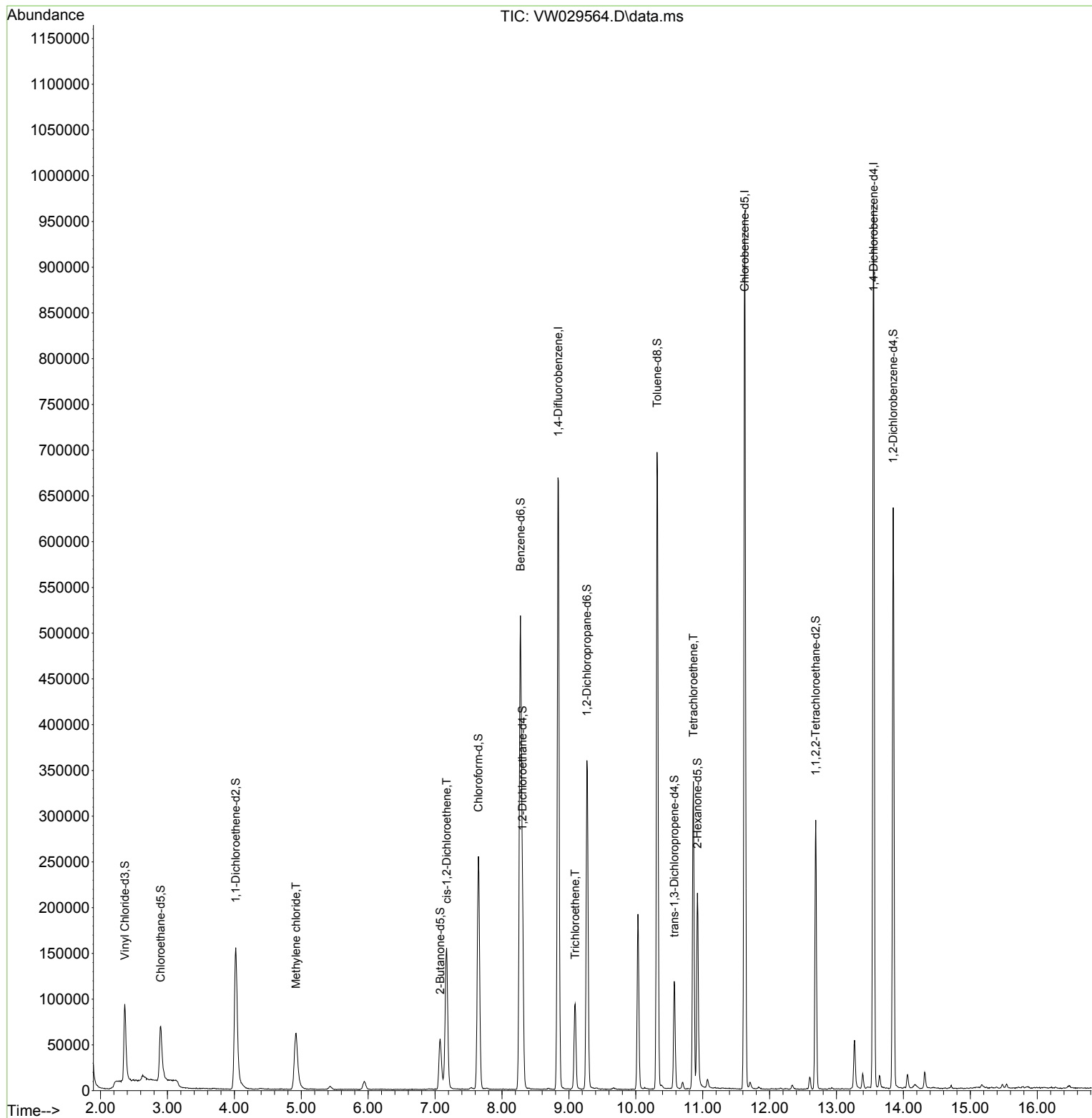
| Compound                      | R.T.   | QIon  | Response | Conc     | Units | Dev(Min) |
|-------------------------------|--------|-------|----------|----------|-------|----------|
| -----                         |        |       |          |          |       |          |
| Internal Standards            |        |       |          |          |       |          |
| 1) 1,4-Difluorobenzene        | 8.843  | 114   | 533794   | 25.000   | ug/L  | 0.00     |
| 28) Chlorobenzene-d5          | 11.629 | 117   | 492162   | 25.000   | ug/L  | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 13.556 | 152   | 238732   | 25.000   | ug/L  | 0.00     |
|                               |        |       |          |          |       |          |
| System Monitoring Compounds   |        |       |          |          |       |          |
| 4) Vinyl Chloride-d3          | 2.363  | 65    | 122134   | 14.164   | ug/L  | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 150 | Recovery | =     | 56.640%  |
| 7) Chloroethane-d5            | 2.899  | 69    | 91980    | 14.814   | ug/L  | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 150 | Recovery | =     | 59.240%  |
| 11) 1,1-Dichloroethene-d2     | 4.021  | 65    | 59110    | 15.265   | ug/L  | 0.00     |
| Spiked Amount                 | 25.000 | Range | 45 - 110 | Recovery | =     | 61.080%  |
| 21) 2-Butanone-d5             | 7.075  | 46    | 97078    | 37.503   | ug/L  | 0.00     |
| Spiked Amount                 | 50.000 | Range | 20 - 135 | Recovery | =     | 75.000%  |
| 24) Chloroform-d              | 7.648  | 84    | 252508   | 16.363   | ug/L  | 0.00     |
| Spiked Amount                 | 25.000 | Range | 40 - 150 | Recovery | =     | 65.440%  |
| 26) 1,2-Dichloroethane-d4     | 8.307  | 65    | 158094   | 17.466   | ug/L  | 0.00     |
| Spiked Amount                 | 25.000 | Range | 70 - 130 | Recovery | =     | 69.880%# |
| 32) Benzene-d6                | 8.276  | 84    | 498652   | 16.913   | ug/L  | 0.00     |
| Spiked Amount                 | 25.000 | Range | 20 - 135 | Recovery | =     | 67.640%  |
| 36) 1,2-Dichloropropane-d6    | 9.270  | 67    | 167667   | 17.786   | ug/L  | 0.00     |
| Spiked Amount                 | 25.000 | Range | 70 - 120 | Recovery | =     | 71.160%  |
| 41) Toluene-d8                | 10.319 | 98    | 445418   | 17.178   | ug/L  | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 130 | Recovery | =     | 68.720%  |
| 43) trans-1,3-Dichloroprop... | 10.575 | 79    | 63700    | 15.957   | ug/L  | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 135 | Recovery | =     | 63.840%  |
| 47) 2-Hexanone-d5             | 10.922 | 63    | 74249    | 43.345   | ug/L  | 0.00     |
| Spiked Amount                 | 50.000 | Range | 20 - 135 | Recovery | =     | 86.700%  |
| 56) 1,1,2,2-Tetrachloroeth... | 12.690 | 84    | 144242   | 18.846   | ug/L  | 0.00     |
| Spiked Amount                 | 25.000 | Range | 45 - 120 | Recovery | =     | 75.400%  |
| 66) 1,2-Dichlorobenzene-d4    | 13.848 | 152   | 156151   | 18.782   | ug/L  | 0.00     |
| Spiked Amount                 | 25.000 | Range | 75 - 120 | Recovery | =     | 75.120%  |
|                               |        |       |          |          |       |          |
| Target Compounds              |        |       |          |          |       | Qvalue   |
| 16) Methylene chloride        | 4.923  | 84    | 52357    | 5.479    | ug/L  | 95       |
| 20) cis-1,2-Dichloroethene    | 7.173  | 96    | 88171    | 10.972   | ug/L  | 94       |
| 34) Trichloroethene           | 9.093  | 95    | 33414    | 4.109    | ug/L  | 96       |
| 46) Tetrachloroethene         | 10.861 | 164   | 71195    | 12.324   | ug/L  | 91       |
| -----                         |        |       |          |          |       |          |

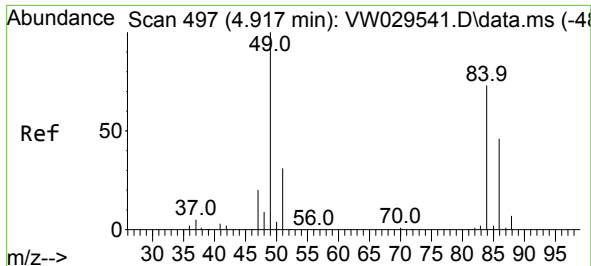
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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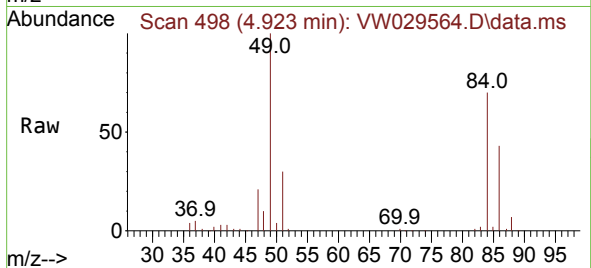
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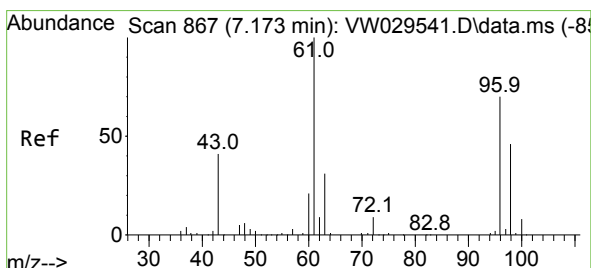
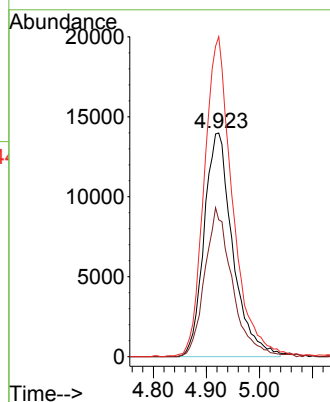
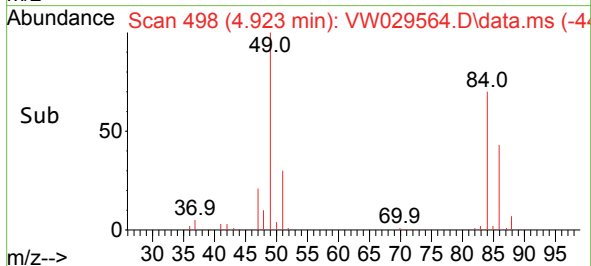


#16  
Methylene chloride  
Concen: 5.479 ug/L  
RT: 4.923 min Scan# 49  
Delta R.T. 0.006 min  
Lab File: VW029564.D  
Acq: 12 Jul 2024 20:44

Instrument :  
MSVOA\_W  
ClientSampleId :

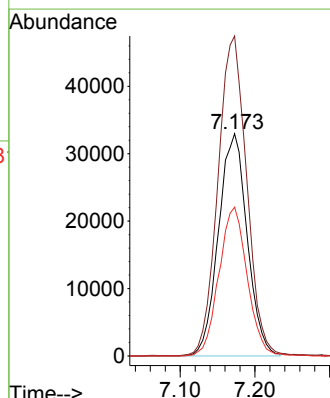
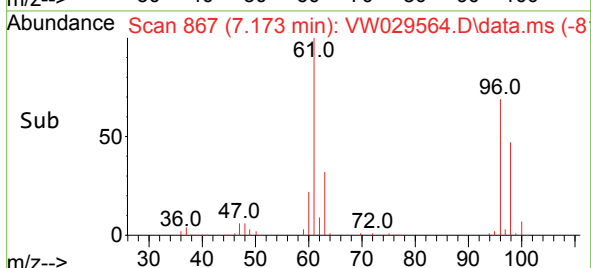
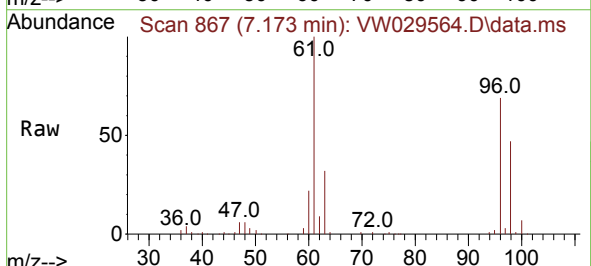


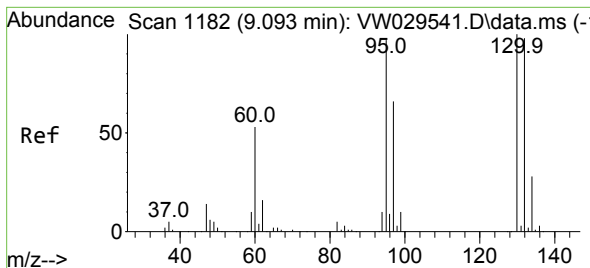
Tgt Ion: 84 Resp: 52357  
Ion Ratio Lower Upper  
84 100  
86 61.1 46.2 85.8  
49 143.0 96.7 179.7



#20  
cis-1,2-Dichloroethene  
Concen: 10.972 ug/L  
RT: 7.173 min Scan# 867  
Delta R.T. -0.000 min  
Lab File: VW029564.D  
Acq: 12 Jul 2024 20:44

Tgt Ion: 96 Resp: 88171  
Ion Ratio Lower Upper  
96 100  
61 143.9 97.4 180.8  
98 67.0 41.6 77.2





#34

Trichloroethene

Concen: 4.109 ug/L

RT: 9.093 min Scan# 1182

Delta R.T. -0.000 min

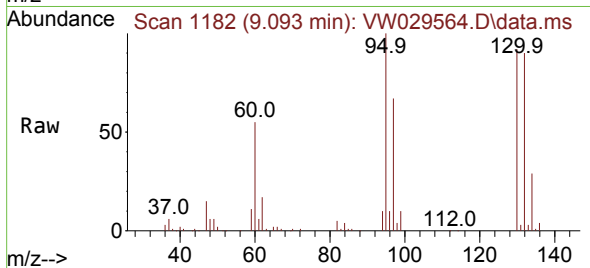
Lab File: VW029564.D

Acq: 12 Jul 2024 20:44

Instrument :

MSVOA\_W

ClientSampleId :



Tgt Ion: 95 Resp: 33414

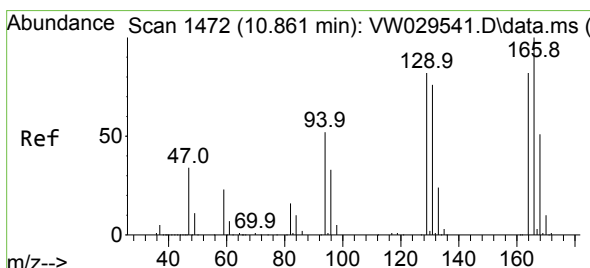
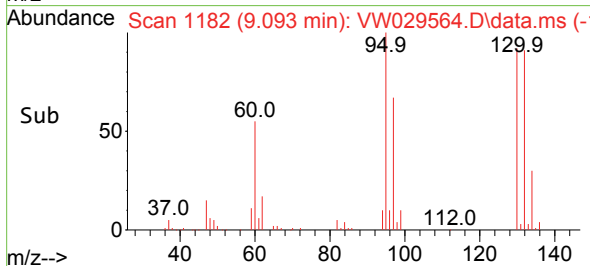
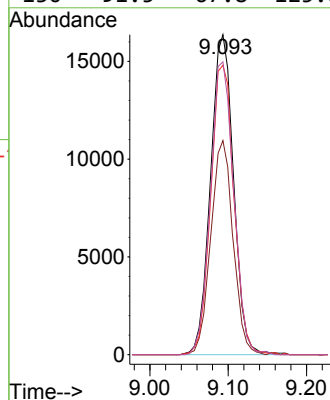
Ion Ratio Lower Upper

95 100

97 66.9 47.3 87.9

132 90.4 65.8 122.2

130 91.5 67.8 125.8



#46

Tetrachloroethene

Concen: 12.324 ug/L

RT: 10.861 min Scan# 1472

Delta R.T. -0.000 min

Lab File: VW029564.D

Acq: 12 Jul 2024 20:44

Tgt Ion: 164 Resp: 71195

Ion Ratio Lower Upper

164 100

129 97.0 60.0 111.4

131 90.3 64.6 120.0

166 127.6 80.4 149.2

