

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW072222\  
 Data File : VW024008.D  
 Acq On : 22 Jul 2022 15:35  
 Operator : SY/VA  
 Sample : N3743-06RE  
 Misc : 6.67g/10mL/MSVOA\_W/SOIL  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :

Quant Time: Jul 22 23:13:30 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM071322SMA.M  
 Quant Title : SFAM01.0  
 QLast Update : Fri Jul 22 23:08:43 2022  
 Response via : Initial Calibration

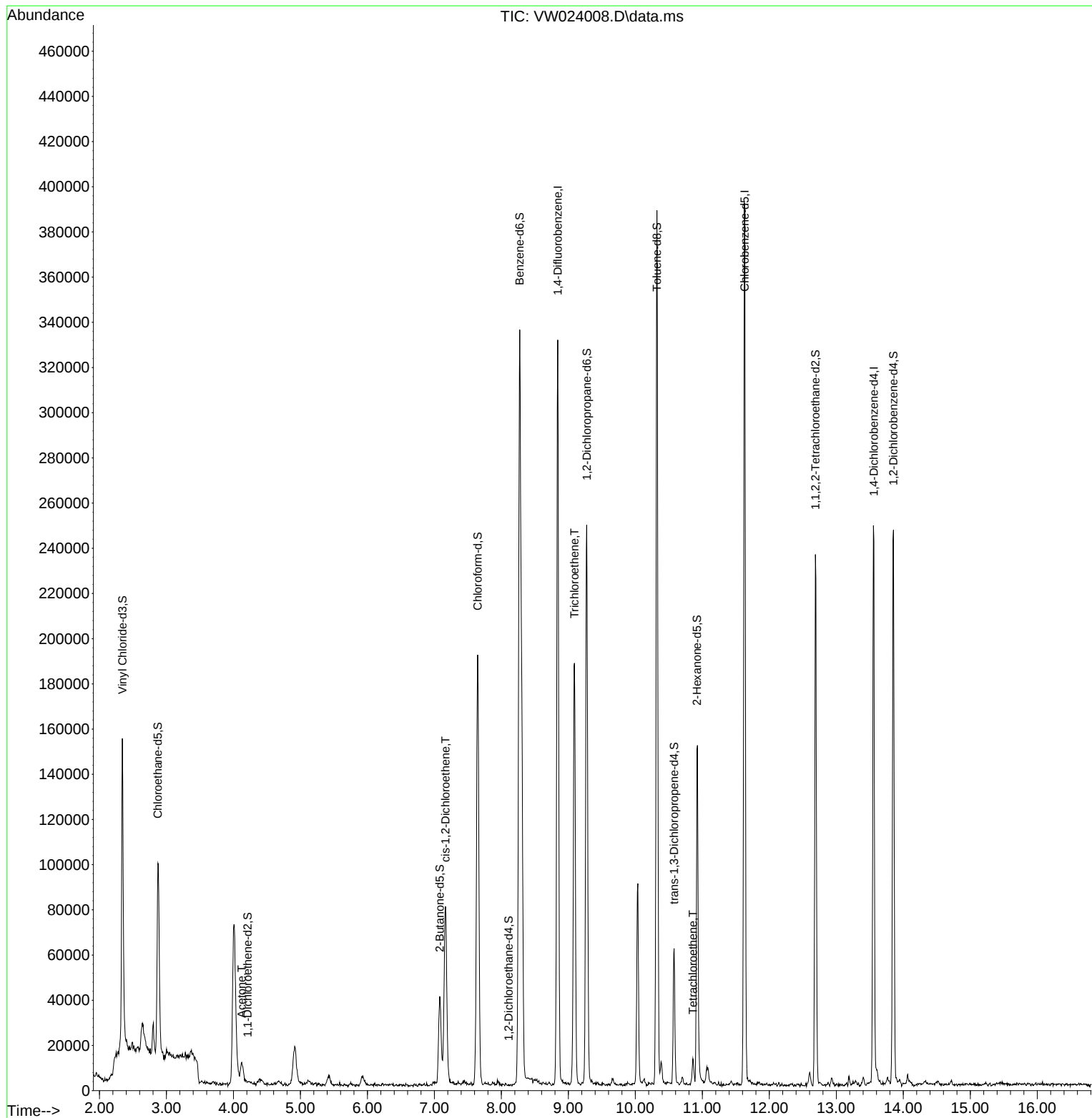
| Compound                      | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min)  |
|-------------------------------|--------|-------|----------|----------|--------|-----------|
| -----                         |        |       |          |          |        |           |
| Internal Standards            |        |       |          |          |        |           |
| 1) 1,4-Difluorobenzene        | 8.841  | 114   | 254818   | 25.000   | ug/L   | 0.00      |
| 28) Chlorobenzene-d5          | 11.634 | 117   | 210635   | 25.000   | ug/L   | 0.00      |
| 58) 1,4-Dichlorobenzene-d4    | 13.560 | 152   | 61653    | 25.000   | ug/L   | 0.00      |
|                               |        |       |          |          |        |           |
| System Monitoring Compounds   |        |       |          |          |        |           |
| 4) Vinyl Chloride-d3          | 2.343  | 65    | 138363   | 21.260   | ug/L   | 0.00      |
| Spiked Amount                 | 25.000 | Range | 30 - 150 | Recovery | =      | 85.040%   |
| 7) Chloroethane-d5            | 2.873  | 69    | 107651   | 24.794   | ug/L   | 0.00      |
| Spiked Amount                 | 25.000 | Range | 30 - 150 | Recovery | =      | 99.160%   |
| 11) 1,1-Dichloroethene-d2     | 4.214  | 63    | 322      | 0.061    | ug/L   | 0.20      |
| Spiked Amount                 | 25.000 | Range | 45 - 110 | Recovery | =      | 0.240%#   |
| 21) 2-Butanone-d5             | 7.080  | 46    | 61594    | 61.014   | ug/L   | 0.00      |
| Spiked Amount                 | 50.000 | Range | 20 - 135 | Recovery | =      | 122.020%  |
| 24) Chloroform-d              | 7.647  | 84    | 185839   | 25.049   | ug/L   | 0.00      |
| Spiked Amount                 | 25.000 | Range | 40 - 150 | Recovery | =      | 100.200%  |
| 26) 1,2-Dichloroethane-d4     | 8.110  | 65    | 86       | 0.019    | ug/L   | -0.19     |
| Spiked Amount                 | 25.000 | Range | 70 - 130 | Recovery | =      | 0.080%#   |
| 32) Benzene-d6                | 8.275  | 84    | 318953   | 29.130   | ug/L   | 0.00      |
| Spiked Amount                 | 25.000 | Range | 20 - 135 | Recovery | =      | 116.520%  |
| 36) 1,2-Dichloropropane-d6    | 9.274  | 67    | 108154   | 32.792   | ug/L   | 0.00      |
| Spiked Amount                 | 25.000 | Range | 70 - 120 | Recovery | =      | 131.160%# |
| 41) Toluene-d8                | 10.323 | 98    | 243995   | 21.969   | ug/L   | 0.00      |
| Spiked Amount                 | 25.000 | Range | 30 - 130 | Recovery | =      | 87.880%   |
| 43) trans-1,3-Dichloroprop... | 10.579 | 79    | 31439    | 20.336   | ug/L   | 0.00      |
| Spiked Amount                 | 25.000 | Range | 30 - 135 | Recovery | =      | 81.360%   |
| 47) 2-Hexanone-d5             | 10.920 | 63    | 46051    | 66.400   | ug/L   | 0.00      |
| Spiked Amount                 | 50.000 | Range | 20 - 135 | Recovery | =      | 132.800%  |
| 56) 1,1,2,2-Tetrachloroeth... | 12.688 | 84    | 111368   | 30.554   | ug/L   | 0.00      |
| Spiked Amount                 | 25.000 | Range | 45 - 120 | Recovery | =      | 122.200%# |
| 66) 1,2-Dichlorobenzene-d4    | 13.853 | 152   | 58060    | 26.380   | ug/L   | 0.00      |
| Spiked Amount                 | 25.000 | Range | 75 - 120 | Recovery | =      | 105.520%  |
|                               |        |       |          |          |        |           |
| Target Compounds              |        |       |          |          |        | Qvalue    |
| 13) Acetone                   | 4.123  | 43    | 14121    | 19.785   | ug/L   | 74        |
| 20) cis-1,2-Dichloroethene    | 7.165  | 96    | 40825    | 11.244   | ug/L # | 92        |
| 34) Trichloroethene           | 9.091  | 95    | 61957    | 19.601   | ug/L   | 93        |
| 46) Tetrachloroethene         | 10.859 | 164   | 2231     | 0.913    | ug/L   | 89        |
| -----                         |        |       |          |          |        |           |

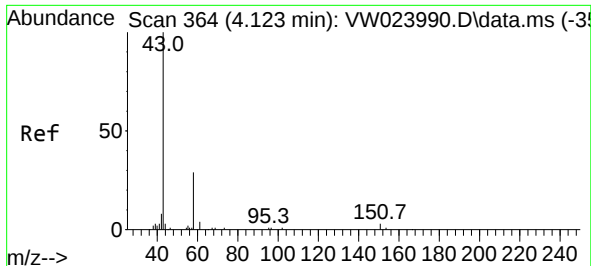
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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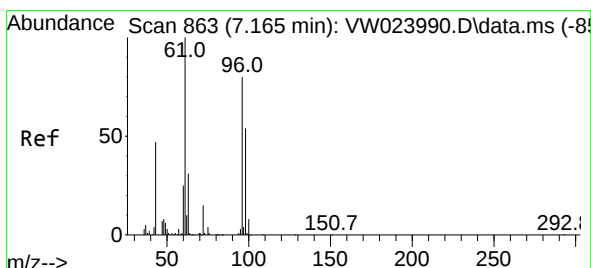
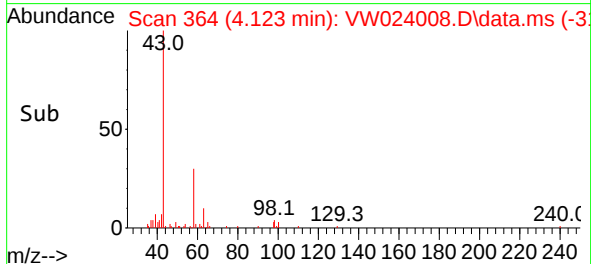
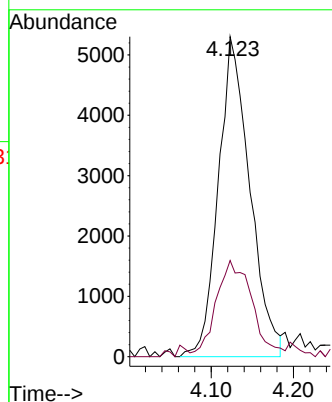
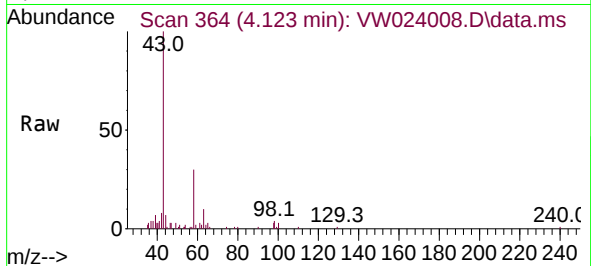




#13  
Acetone  
Concen: 19.785 ug/L  
RT: 4.123 min Scan# 364  
Delta R.T. -0.000 min  
Lab File: VW024008.D  
Acq: 22 Jul 2022 15:35

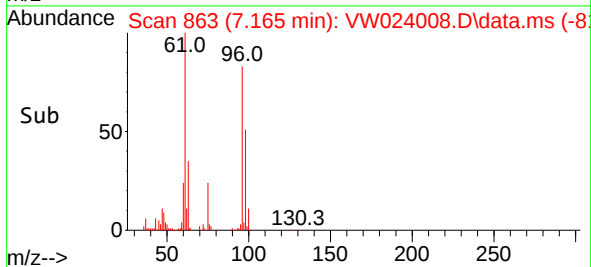
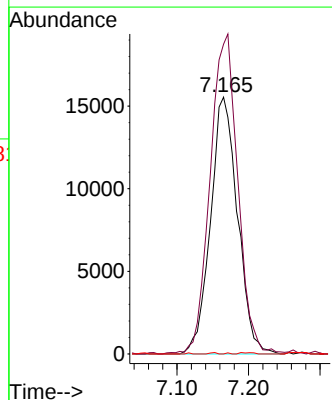
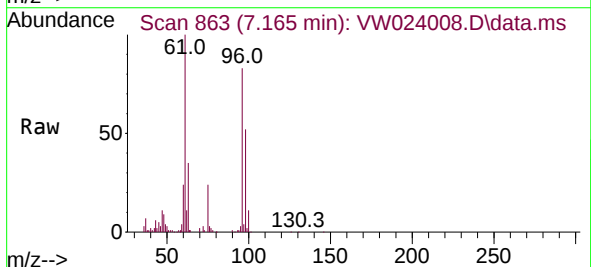
Instrument :  
MSVOA\_W  
ClientSampleId :

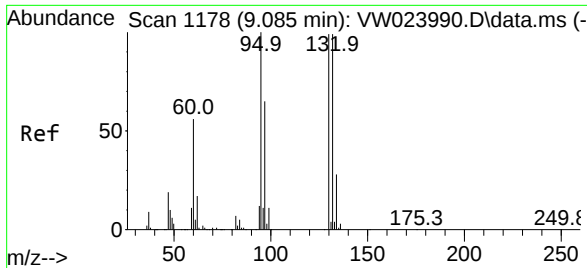
Tgt Ion: 43 Resp: 14121  
Ion Ratio Lower Upper  
43 100  
58 17.5 0.0 64.2



#20  
cis-1,2-Dichloroethene  
Concen: 11.244 ug/L  
RT: 7.165 min Scan# 863  
Delta R.T. -0.000 min  
Lab File: VW024008.D  
Acq: 22 Jul 2022 15:35

Tgt Ion: 96 Resp: 40825  
Ion Ratio Lower Upper  
96 100  
61 120.6 90.6 168.2  
68 0.0 0.2 0.4





#34

Trichloroethene

Concen: 19.601 ug/L

RT: 9.091 min Scan# 1179

Delta R.T. 0.006 min

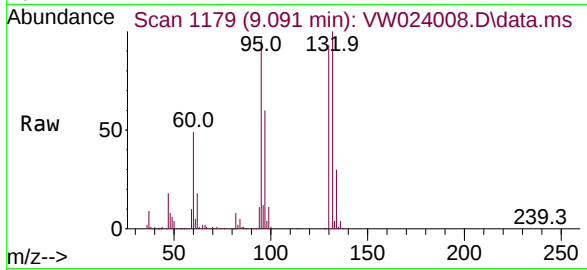
Lab File: VW024008.D

Acq: 22 Jul 2022 15:35

Instrument :

MSVOA\_W

ClientSampleId :



Tgt Ion: 95 Resp: 61957

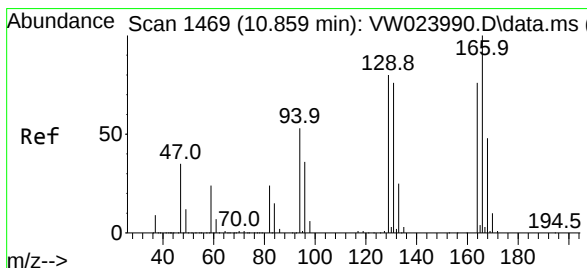
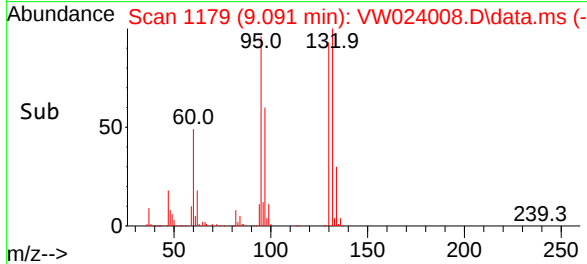
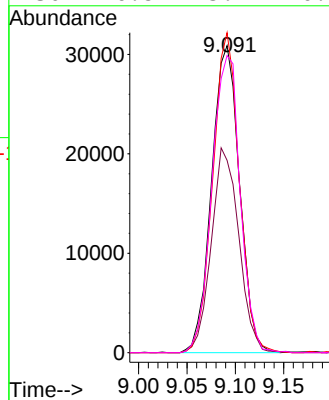
Ion Ratio Lower Upper

95 100

97 62.6 45.6 84.8

132 104.2 69.9 129.7

130 96.8 75.4 140.0



#46

Tetrachloroethene

Concen: 0.913 ug/L

RT: 10.859 min Scan# 1469

Delta R.T. -0.000 min

Lab File: VW024008.D

Acq: 22 Jul 2022 15:35

Tgt Ion: 164 Resp: 2231

Ion Ratio Lower Upper

164 100

129 76.6 72.4 134.5

131 101.0 67.8 125.8

166 123.0 88.9 165.1

