

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW122222\  
 Data File : VW025165.D  
 Acq On : 22 Dec 2022 18:08  
 Operator : SY/MD  
 Sample : N6171-02  
 Misc : 5.49g/10mL/MSVOA\_W/SOIL  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :

Quant Time: Dec 23 00:48:00 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM120822SMA.M  
 Quant Title : SFAM01.0  
 QLast Update : Fri Dec 23 00:42:28 2022  
 Response via : Initial Calibration

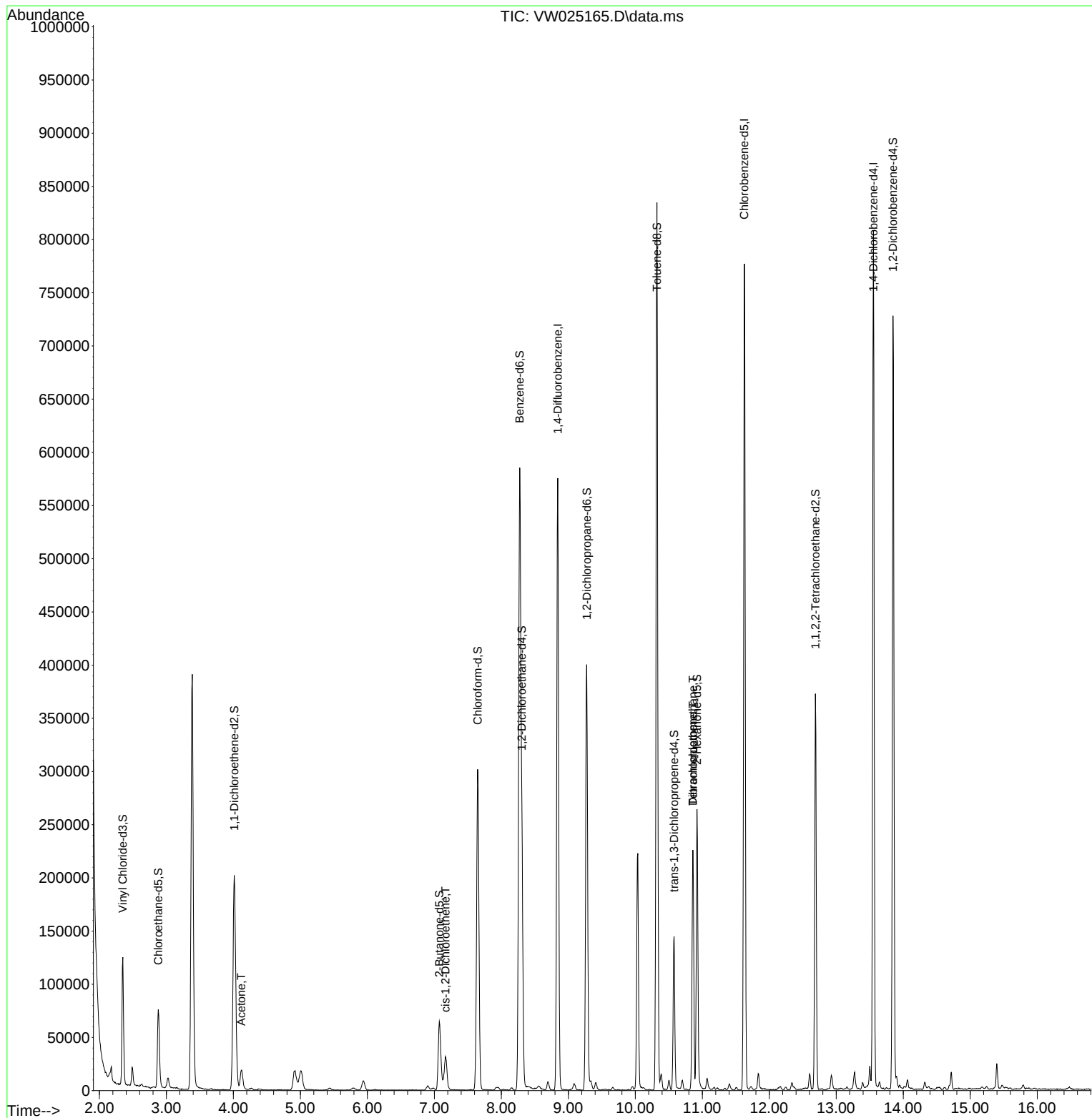
| Compound                      | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min)  |
|-------------------------------|--------|-------|----------|----------|--------|-----------|
| -----                         |        |       |          |          |        |           |
| Internal Standards            |        |       |          |          |        |           |
| 1) 1,4-Difluorobenzene        | 8.842  | 114   | 477595   | 25.000   | ug/L   | 0.00      |
| 28) Chlorobenzene-d5          | 11.628 | 117   | 431030   | 25.000   | ug/L   | 0.00      |
| 58) 1,4-Dichlorobenzene-d4    | 13.554 | 152   | 195759   | 25.000   | ug/L   | 0.00      |
|                               |        |       |          |          |        |           |
| System Monitoring Compounds   |        |       |          |          |        |           |
| 4) Vinyl Chloride-d3          | 2.349  | 65    | 107177   | 19.467   | ug/L   | 0.00      |
| Spiked Amount                 | 25.000 | Range | 30 - 150 | Recovery | =      | 77.880%   |
| 7) Chloroethane-d5            | 2.879  | 69    | 82267    | 23.142   | ug/L   | 0.00      |
| Spiked Amount                 | 25.000 | Range | 30 - 150 | Recovery | =      | 92.560%   |
| 11) 1,1-Dichloroethene-d2     | 4.013  | 63    | 199795   | 16.565   | ug/L   | 0.00      |
| Spiked Amount                 | 25.000 | Range | 45 - 110 | Recovery | =      | 66.240%   |
| 21) 2-Butanone-d5             | 7.074  | 46    | 108419   | 78.441   | ug/L   | 0.00      |
| Spiked Amount                 | 50.000 | Range | 20 - 135 | Recovery | =      | 156.880%# |
| 24) Chloroform-d              | 7.647  | 84    | 308425   | 25.018   | ug/L   | 0.00      |
| Spiked Amount                 | 25.000 | Range | 40 - 150 | Recovery | =      | 100.080%  |
| 26) 1,2-Dichloroethane-d4     | 8.305  | 65    | 177910   | 28.457   | ug/L   | 0.00      |
| Spiked Amount                 | 25.000 | Range | 70 - 130 | Recovery | =      | 113.840%  |
| 32) Benzene-d6                | 8.275  | 84    | 614498   | 24.310   | ug/L   | 0.00      |
| Spiked Amount                 | 25.000 | Range | 20 - 135 | Recovery | =      | 97.240%   |
| 36) 1,2-Dichloropropane-d6    | 9.275  | 67    | 192697   | 26.199   | ug/L   | 0.00      |
| Spiked Amount                 | 25.000 | Range | 70 - 120 | Recovery | =      | 104.800%  |
| 41) Toluene-d8                | 10.323 | 98    | 551980   | 24.084   | ug/L   | 0.00      |
| Spiked Amount                 | 25.000 | Range | 30 - 130 | Recovery | =      | 96.320%   |
| 43) trans-1,3-Dichloroprop... | 10.579 | 79    | 82017    | 26.398   | ug/L   | 0.00      |
| Spiked Amount                 | 25.000 | Range | 30 - 135 | Recovery | =      | 105.600%  |
| 47) 2-Hexanone-d5             | 10.921 | 63    | 92468    | 85.689   | ug/L   | 0.00      |
| Spiked Amount                 | 50.000 | Range | 20 - 135 | Recovery | =      | 171.380%# |
| 56) 1,1,2,2-Tetrachloroeth... | 12.689 | 84    | 185514   | 34.156   | ug/L   | 0.00      |
| Spiked Amount                 | 25.000 | Range | 45 - 120 | Recovery | =      | 136.640%# |
| 66) 1,2-Dichlorobenzene-d4    | 13.847 | 152   | 182419   | 27.492   | ug/L   | 0.00      |
| Spiked Amount                 | 25.000 | Range | 75 - 120 | Recovery | =      | 109.960%  |
|                               |        |       |          |          |        |           |
| Target Compounds              |        |       |          |          | Qvalue |           |
| 13) Acetone                   | 4.117  | 43    | 32169    | 22.642   | ug/L   | 99        |
| 20) cis-1,2-Dichloroethene    | 7.165  | 96    | 15813    | 2.344    | ug/L   | 89        |
| 46) Tetrachloroethene         | 10.860 | 164   | 49380    | 9.698    | ug/L   | 95        |
| 49) Dibromochloromethane      | 10.860 | 129   | 44867    | 8.129    | ug/L # | 15        |
| -----                         |        |       |          |          |        |           |

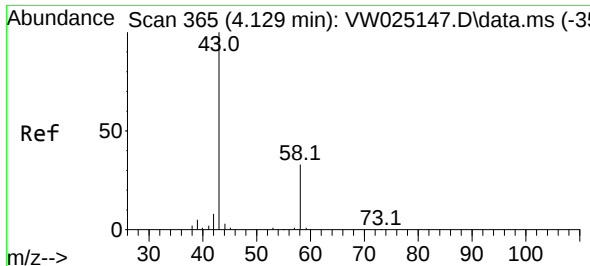
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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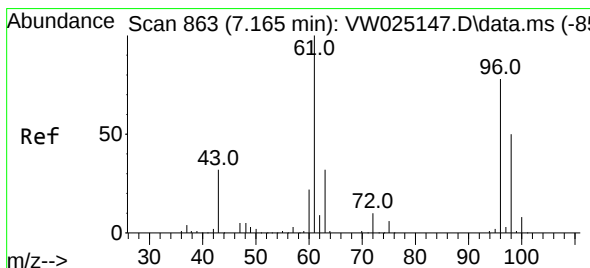
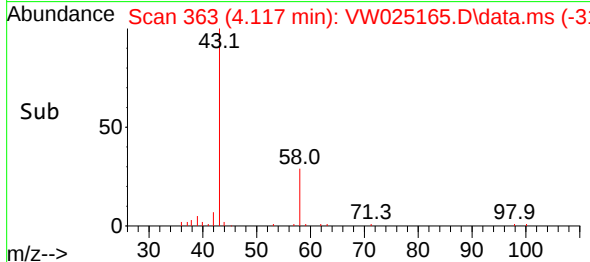
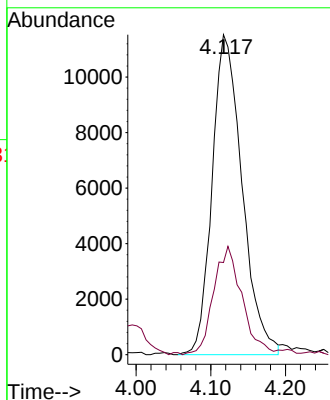
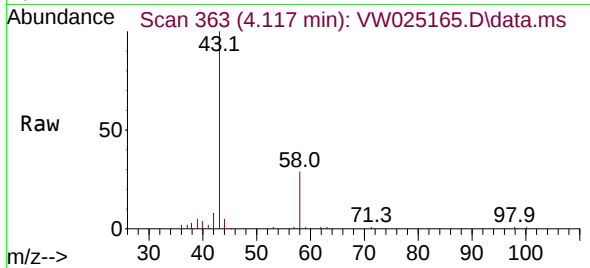




#13  
Acetone  
Concen: 22.642 ug/L  
RT: 4.117 min Scan# 30  
Delta R.T. -0.012 min  
Lab File: VW025165.D  
Acq: 22 Dec 2022 18:08

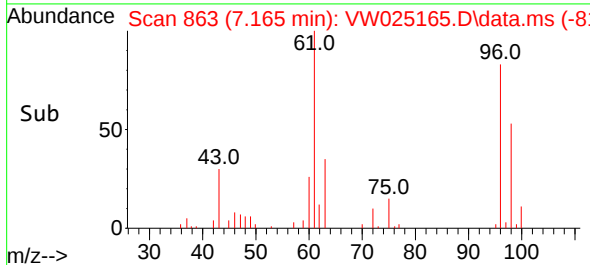
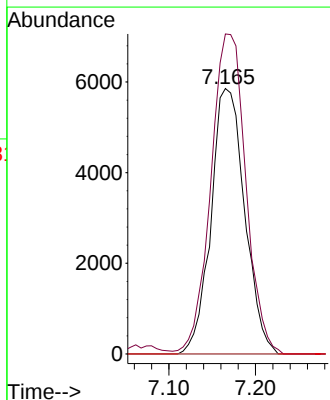
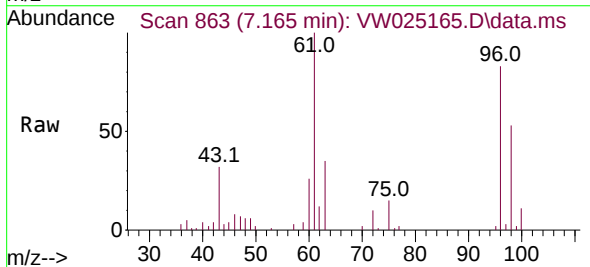
Instrument :  
MSVOA\_W  
ClientSampleId :

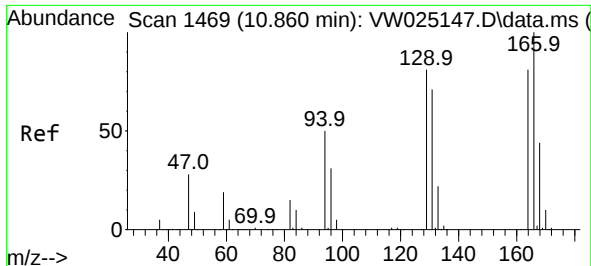
Tgt Ion: 43 Resp: 32169  
Ion Ratio Lower Upper  
43 100  
58 31.9 0.0 65.2



#20  
cis-1,2-Dichloroethene  
Concen: 2.344 ug/L  
RT: 7.165 min Scan# 863  
Delta R.T. 0.000 min  
Lab File: VW025165.D  
Acq: 22 Dec 2022 18:08

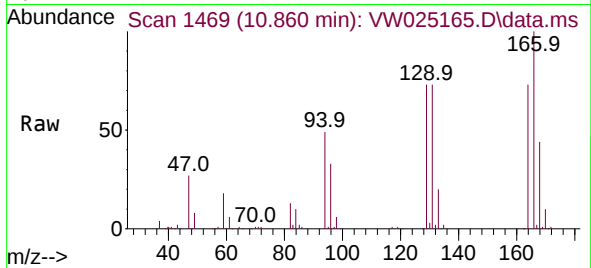
Tgt Ion: 96 Resp: 15813  
Ion Ratio Lower Upper  
96 100  
61 120.6 93.7 173.9  
68 0.0 0.0 0.0



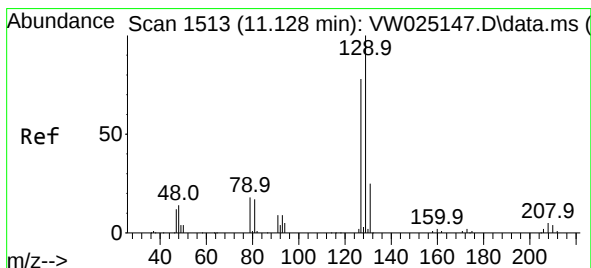
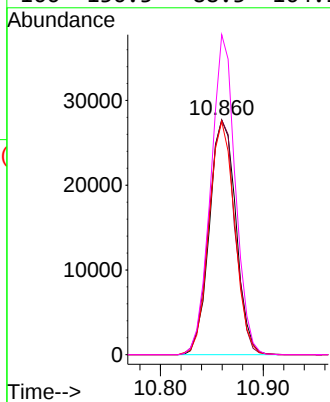
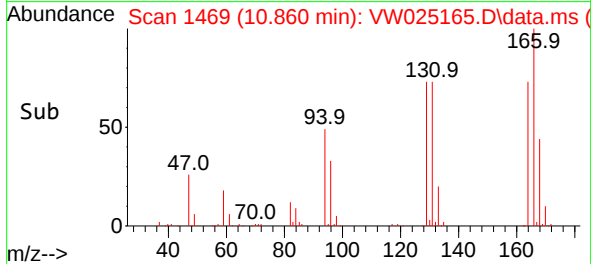


#46  
Tetrachloroethene  
Concen: 9.698 ug/L  
RT: 10.860 min Scan# 1469  
Delta R.T. 0.000 min  
Lab File: VW025165.D  
Acq: 22 Dec 2022 18:08

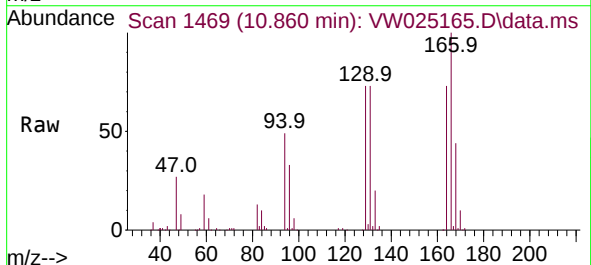
Instrument :  
MSVOA\_W  
ClientSampleId :



|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 164   | Resp: | 49380 |
| Ion      | Ratio | Lower | Upper |
| 164      | 100   |       |       |
| 129      | 100.0 | 73.4  | 136.4 |
| 131      | 99.4  | 70.8  | 131.4 |
| 166      | 136.3 | 88.3  | 164.1 |



#49  
Dibromochloromethane  
Concen: 8.129 ug/L  
RT: 10.860 min Scan# 1469  
Delta R.T. -0.268 min  
Lab File: VW025165.D  
Acq: 22 Dec 2022 18:08



|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 129   | Resp: | 44867 |
| Ion      | Ratio | Lower | Upper |
| 129      | 100   |       |       |
| 127      | 0.3   | 49.7  | 92.3# |

