

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW082622\  
 Data File : VW024420.D  
 Acq On : 28 Aug 2022 00:06  
 Operator : SY/VA  
 Sample : N4363-15  
 Misc : 5.61g/10mL/MSVOA\_W/SOIL  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 DBVW9

Quant Time: Aug 29 05:01:10 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM082622SMA.M  
 Quant Title : SFAM01.0  
 QLast Update : Mon Aug 29 04:56:06 2022  
 Response via : Initial Calibration

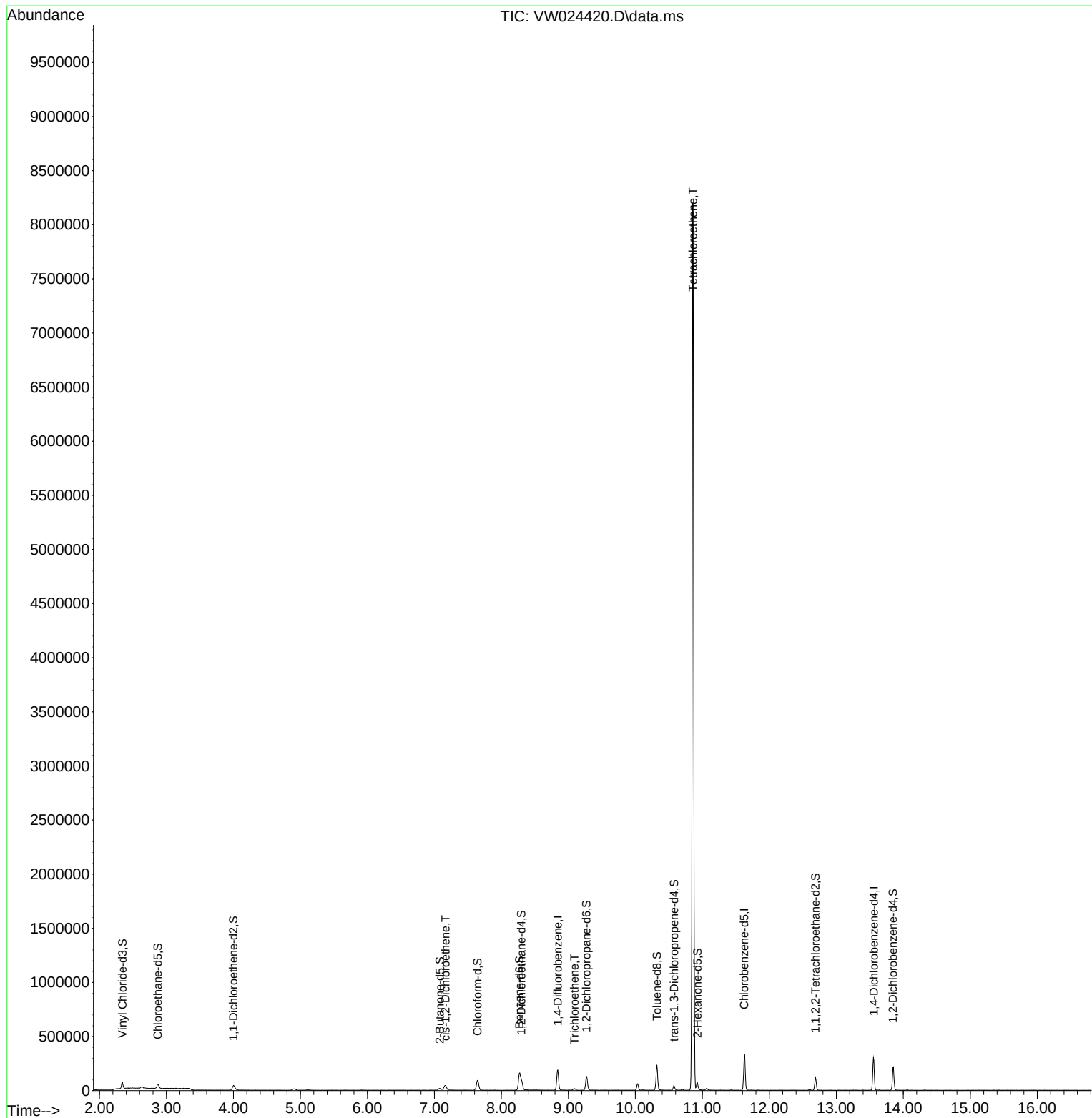
| Compound                      | R.T.   | QIon  | Response | Conc     | Units | Dev(Min) |
|-------------------------------|--------|-------|----------|----------|-------|----------|
| -----                         |        |       |          |          |       |          |
| Internal Standards            |        |       |          |          |       |          |
| 1) 1,4-Difluorobenzene        | 8.842  | 114   | 141934   | 25.000   | ug/L  | 0.00     |
| 28) Chlorobenzene-d5          | 11.628 | 117   | 164982   | 25.000   | ug/L  | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 13.560 | 152   | 69602    | 25.000   | ug/L  | 0.00     |
| System Monitoring Compounds   |        |       |          |          |       |          |
| 4) Vinyl Chloride-d3          | 2.343  | 65    | 53708    | 13.727   | ug/L  | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 150 | Recovery | =     | 54.920%  |
| 7) Chloroethane-d5            | 2.873  | 69    | 43062    | 14.690   | ug/L  | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 150 | Recovery | =     | 58.760%  |
| 11) 1,1-Dichloroethene-d2     | 4.001  | 63    | 41908    | 12.350   | ug/L  | -0.01    |
| Spiked Amount                 | 25.000 | Range | 45 - 110 | Recovery | =     | 49.400%  |
| 21) 2-Butanone-d5             | 7.080  | 46    | 27592    | 38.288   | ug/L  | 0.00     |
| Spiked Amount                 | 50.000 | Range | 20 - 135 | Recovery | =     | 76.580%  |
| 24) Chloroform-d              | 7.641  | 84    | 85767    | 18.796   | ug/L  | 0.00     |
| Spiked Amount                 | 25.000 | Range | 40 - 150 | Recovery | =     | 75.200%  |
| 26) 1,2-Dichloroethane-d4     | 8.299  | 65    | 60228    | 21.765   | ug/L  | 0.00     |
| Spiked Amount                 | 25.000 | Range | 70 - 130 | Recovery | =     | 87.040%  |
| 32) Benzene-d6                | 8.268  | 84    | 153988   | 16.290   | ug/L  | 0.00     |
| Spiked Amount                 | 25.000 | Range | 20 - 135 | Recovery | =     | 65.160%  |
| 36) 1,2-Dichloropropane-d6    | 9.268  | 67    | 52247    | 17.773   | ug/L  | 0.00     |
| Spiked Amount                 | 25.000 | Range | 70 - 120 | Recovery | =     | 71.080%  |
| 41) Toluene-d8                | 10.323 | 98    | 141150   | 15.705   | ug/L  | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 130 | Recovery | =     | 62.840%  |
| 43) trans-1,3-Dichloroprop... | 10.579 | 79    | 19405    | 14.105   | ug/L  | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 135 | Recovery | =     | 56.440%  |
| 47) 2-Hexanone-d5             | 10.927 | 63    | 21575    | 32.796   | ug/L  | 0.00     |
| Spiked Amount                 | 50.000 | Range | 20 - 135 | Recovery | =     | 65.600%  |
| 56) 1,1,2,2-Tetrachloroeth... | 12.688 | 84    | 51725    | 15.541   | ug/L  | 0.00     |
| Spiked Amount                 | 25.000 | Range | 45 - 120 | Recovery | =     | 62.160%  |
| 66) 1,2-Dichlorobenzene-d4    | 13.847 | 152   | 48373    | 18.456   | ug/L  | 0.00     |
| Spiked Amount                 | 25.000 | Range | 75 - 120 | Recovery | =     | 73.840%# |
| Target Compounds              |        |       |          |          |       |          |
| 20) cis-1,2-Dichloroethene    | 7.165  | 96    | 19342    | 8.765    | ug/L  | 97       |
| 34) Trichloroethene           | 9.091  | 95    | 4366     | 1.613    | ug/L  | 89       |
| 46) Tetrachloroethene         | 10.859 | 164   | 1378098  | 655.434  | ug/L  | 95       |
| -----                         |        |       |          |          |       |          |

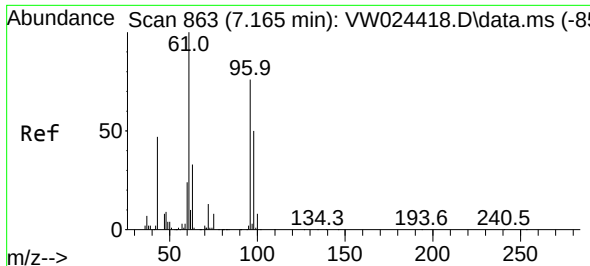
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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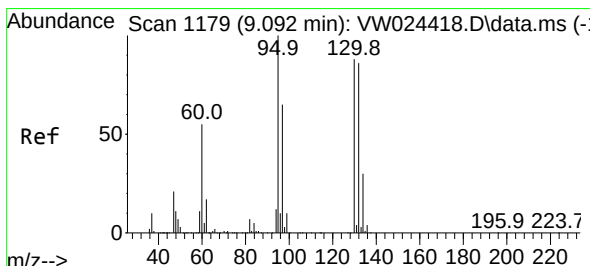
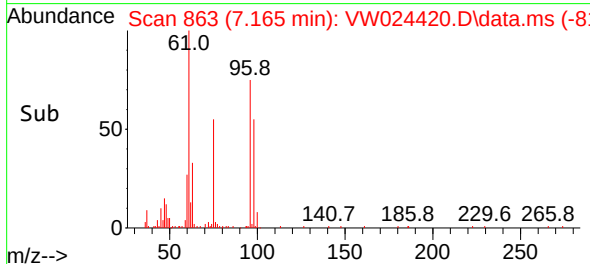
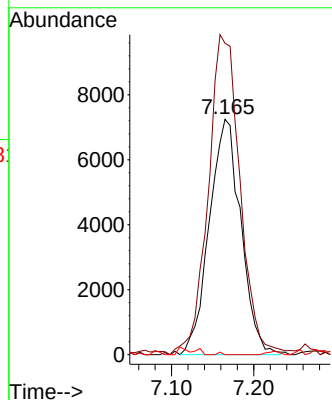
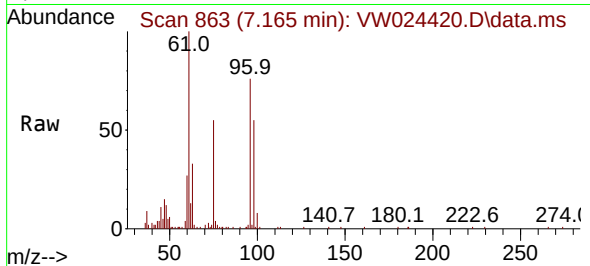




#20  
cis-1,2-Dichloroethene  
Concen: 8.765 ug/L  
RT: 7.165 min Scan# 863  
Delta R.T. -0.000 min  
Lab File: VW024420.D  
Acq: 28 Aug 2022 00:06

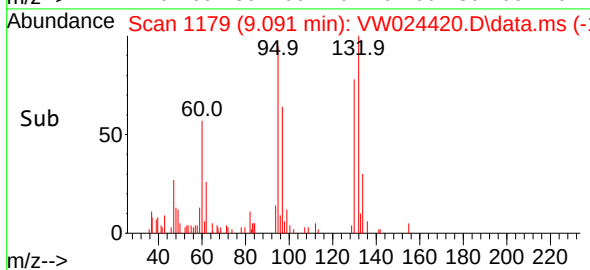
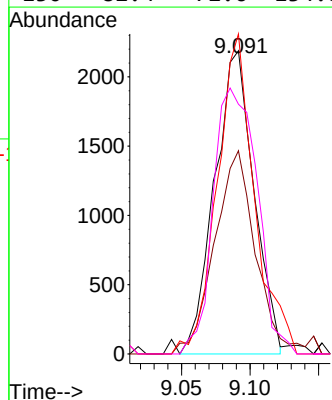
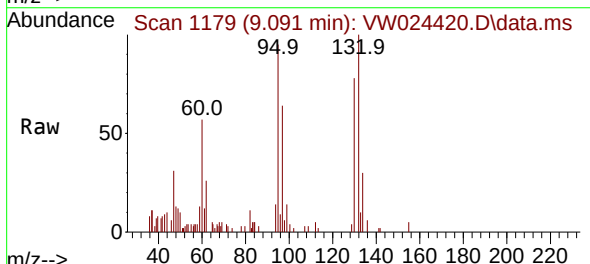
Instrument :  
MSVOA\_W  
ClientSampleId :  
DBVW9

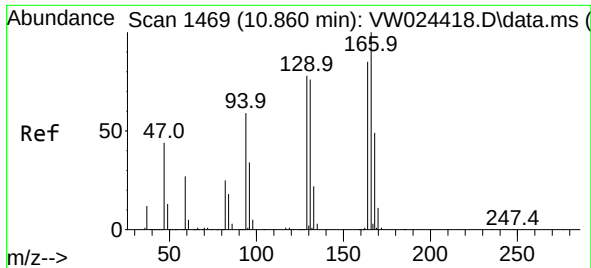
Tgt Ion: 96 Resp: 19342  
Ion Ratio Lower Upper  
96 100  
61 132.3 90.2 167.6  
68 0.0 0.0 0.0



#34  
Trichloroethene  
Concen: 1.613 ug/L  
RT: 9.091 min Scan# 1179  
Delta R.T. -0.000 min  
Lab File: VW024420.D  
Acq: 28 Aug 2022 00:06

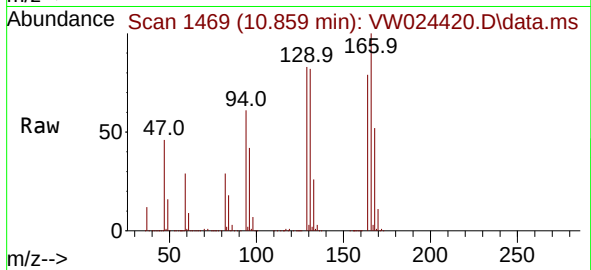
Tgt Ion: 95 Resp: 4366  
Ion Ratio Lower Upper  
95 100  
97 67.0 48.4 89.8  
132 105.5 68.6 127.4  
130 82.4 72.6 134.8





#46  
 Tetrachloroethene  
 Concen: 655.434 ug/L  
 RT: 10.859 min Scan# 14  
 Delta R.T. -0.000 min  
 Lab File: VW024420.D  
 Acq: 28 Aug 2022 00:06

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 DBVW9



Tgt Ion:164 Resp: 1378098

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 164 | 100   |       |       |
| 129 | 104.1 | 72.9  | 135.3 |
| 131 | 103.0 | 63.7  | 118.3 |
| 166 | 125.9 | 86.2  | 160.0 |

