

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW092821\  
 Data File : VW020210.D  
 Acq On : 28 Sep 2021 10:06  
 Operator : SY/VA  
 Sample : VW0928SBL01  
 Misc : 5.00g/10mL/MSVOA\_W/SOIL  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 VBLK448

Quant Time: Sep 29 00:58:27 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM092121SMA.M  
 Quant Title : SFAM01.0  
 QLast Update : Wed Sep 29 00:57:09 2021  
 Response via : Initial Calibration

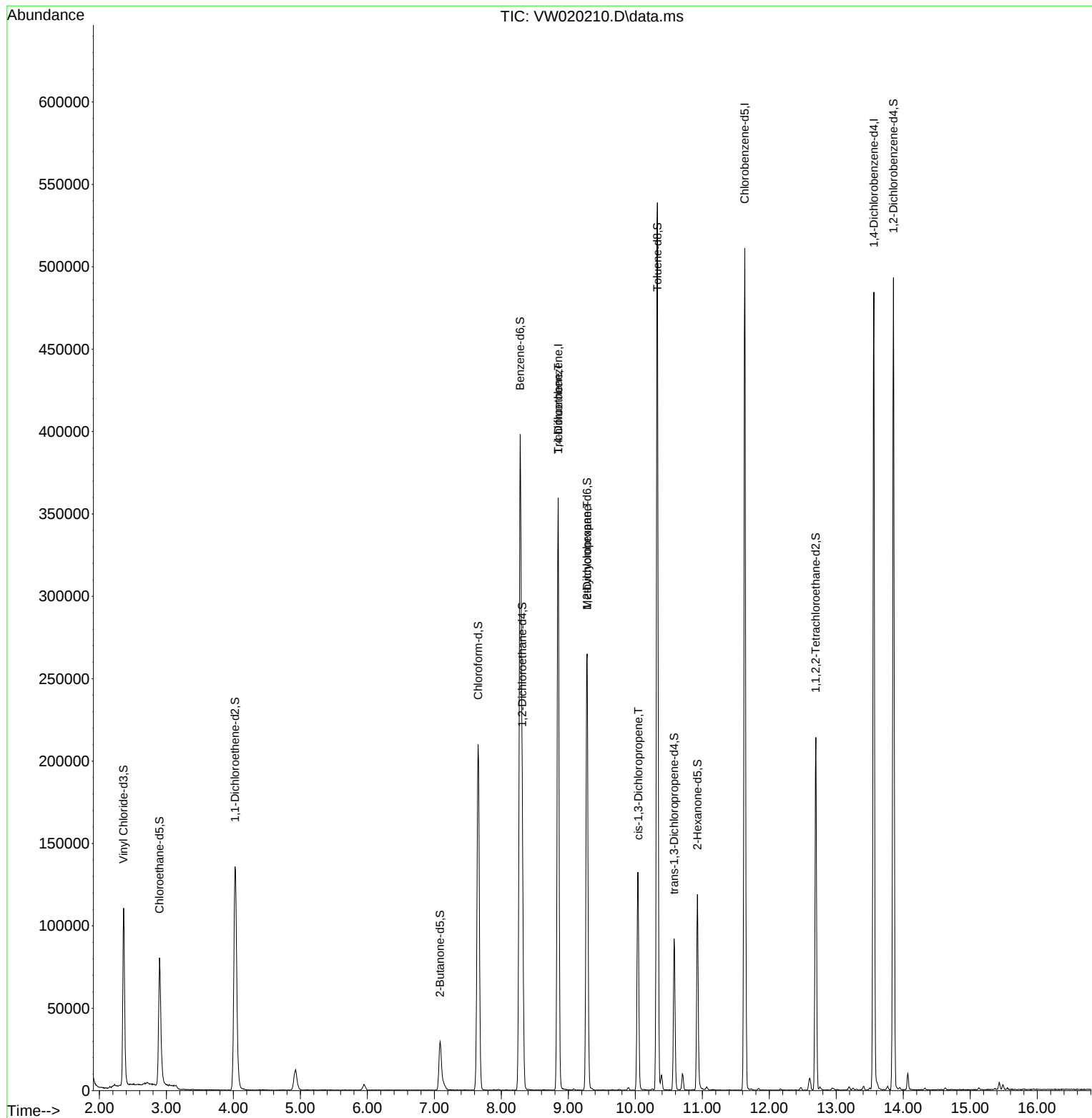
| Compound                      | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|--------|-------|----------|----------|--------|----------|
| -----                         |        |       |          |          |        |          |
| Internal Standards            |        |       |          |          |        |          |
| 1) 1,4-Difluorobenzene        | 8.848  | 114   | 275134   | 25.000   | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 11.634 | 117   | 270030   | 25.000   | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 13.560 | 152   | 117977   | 25.000   | ug/L   | 0.00     |
|                               |        |       |          |          |        |          |
| System Monitoring Compounds   |        |       |          |          |        |          |
| 4) Vinyl Chloride-d3          | 2.361  | 65    | 123253   | 21.897   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 150 | Recovery | =      | 87.600%  |
| 7) Chloroethane-d5            | 2.898  | 69    | 99524    | 23.471   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 150 | Recovery | =      | 93.880%  |
| 11) 1,1-Dichloroethene-d2     | 4.025  | 63    | 147310   | 16.715   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 45 - 110 | Recovery | =      | 66.880%  |
| 21) 2-Butanone-d5             | 7.086  | 46    | 48587    | 55.939   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 20 - 135 | Recovery | =      | 111.880% |
| 24) Chloroform-d              | 7.653  | 84    | 211510   | 24.444   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 40 - 150 | Recovery | =      | 97.760%  |
| 26) 1,2-Dichloroethane-d4     | 8.311  | 65    | 123855   | 26.595   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 70 - 130 | Recovery | =      | 106.400% |
| 32) Benzene-d6                | 8.281  | 84    | 384186   | 22.301   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 20 - 135 | Recovery | =      | 89.200%  |
| 36) 1,2-Dichloropropane-d6    | 9.281  | 67    | 119039   | 23.876   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 70 - 120 | Recovery | =      | 95.520%  |
| 41) Toluene-d8                | 10.329 | 98    | 345206   | 22.023   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 130 | Recovery | =      | 88.080%  |
| 43) trans-1,3-Dichloroprop... | 10.579 | 79    | 50434    | 23.667   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 135 | Recovery | =      | 94.680%  |
| 47) 2-Hexanone-d5             | 10.927 | 63    | 36244    | 52.530   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 20 - 135 | Recovery | =      | 105.060% |
| 56) 1,1,2,2-Tetrachloroeth... | 12.695 | 84    | 101153   | 26.302   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 45 - 120 | Recovery | =      | 105.200% |
| 66) 1,2-Dichlorobenzene-d4    | 13.853 | 152   | 119600   | 27.036   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 75 - 120 | Recovery | =      | 108.160% |
|                               |        |       |          |          |        |          |
| Target Compounds              |        |       |          |          |        | Qvalue   |
| 34) Trichloroethene           | 8.848  | 95    | 8652     | 1.983    | ug/L # | 5        |
| 35) Methylcyclohexane         | 9.281  | 83    | 30348    | 4.269    | ug/L # | 19       |
| 39) cis-1,3-Dichloropropene   | 10.043 | 75    | 3917     | 0.658    | ug/L   | 83       |
| -----                         |        |       |          |          |        |          |

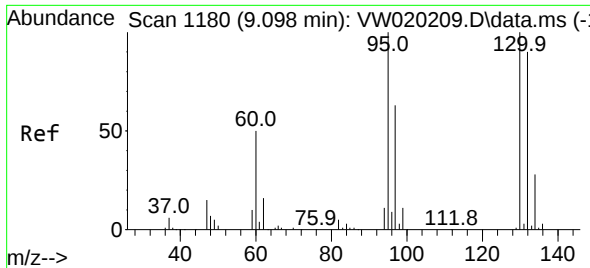
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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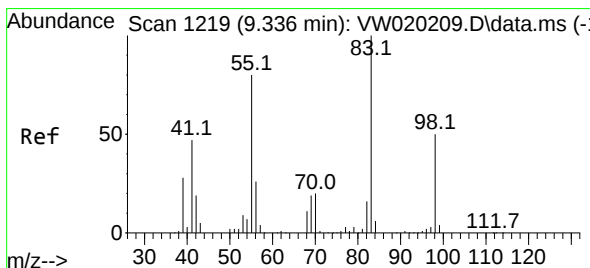
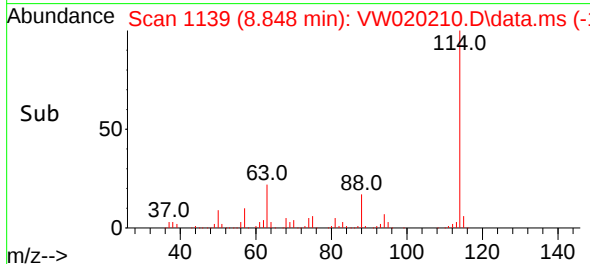
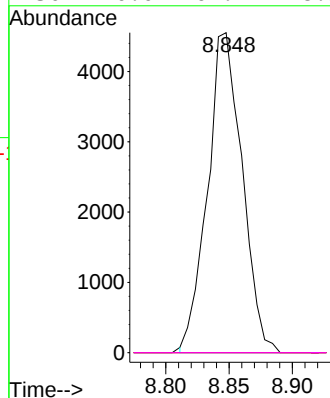
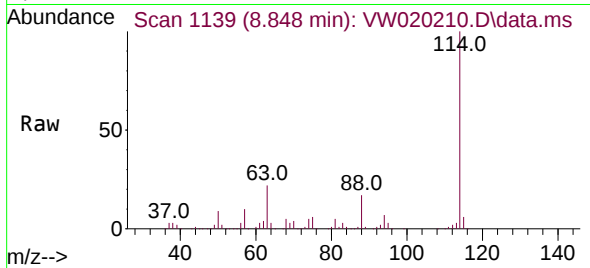




#34  
Trichloroethene  
Concen: 1.983 ug/L  
RT: 8.848 min Scan# 1139  
Delta R.T. -0.250 min  
Lab File: VW020210.D  
Acq: 28 Sep 2021 10:06

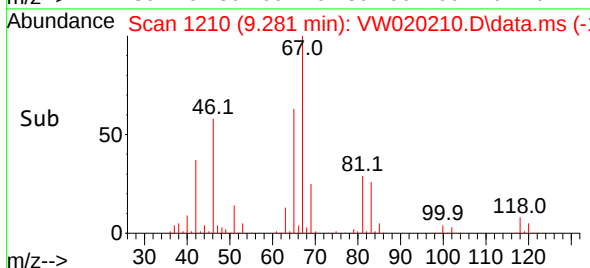
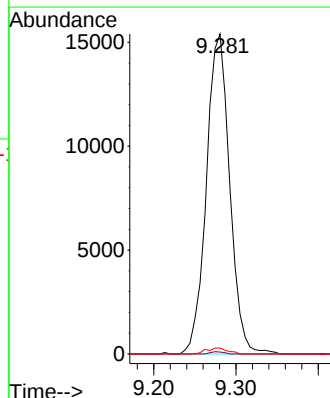
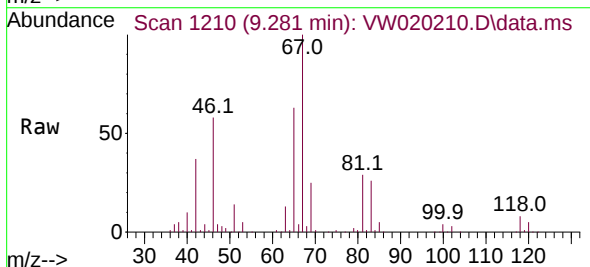
Instrument :  
MSVOA\_W  
ClientSampled :  
VBLK448

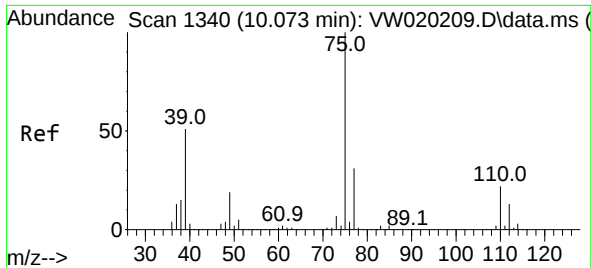
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 95    | Resp: | 8652   |
| Ion      | Ratio | Lower | Upper  |
| 95       | 100   |       |        |
| 97       | 0.0   | 45.1  | 83.7#  |
| 132      | 0.0   | 67.9  | 126.1# |
| 130      | 0.0   | 69.1  | 128.3# |



#35  
Methylcyclohexane  
Concen: 4.269 ug/L  
RT: 9.281 min Scan# 1210  
Delta R.T. -0.055 min  
Lab File: VW020210.D  
Acq: 28 Sep 2021 10:06

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 83    | Resp: | 30348 |
| Ion      | Ratio | Lower | Upper |
| 83       | 100   |       |       |
| 55       | 0.4   | 61.4  | 92.2# |
| 98       | 1.7   | 38.1  | 57.1# |





#39  
 cis-1,3-Dichloropropene  
 Concen: 0.658 ug/L  
 RT: 10.043 min Scan# 1335  
 Delta R.T. -0.031 min  
 Lab File: VW020210.D  
 Acq: 28 Sep 2021 10:06

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 VBLK448

Tgt Ion: 75 Resp: 3917  
 Ion Ratio Lower Upper  
 75 100  
 77 42.3 23.0 42.6

