

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW082621\  
 Data File : VW019914.D  
 Acq On : 26 Aug 2021 13:59  
 Operator : SY/VA  
 Sample : VIBLK416  
 Misc : 5.00g/10mL/MSVOA\_W/SOIL  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :

Quant Time: Aug 27 01:03:40 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM081821SMA.M  
 Quant Title : SFAM01.0  
 QLast Update : Fri Aug 27 00:59:57 2021  
 Response via : Initial Calibration

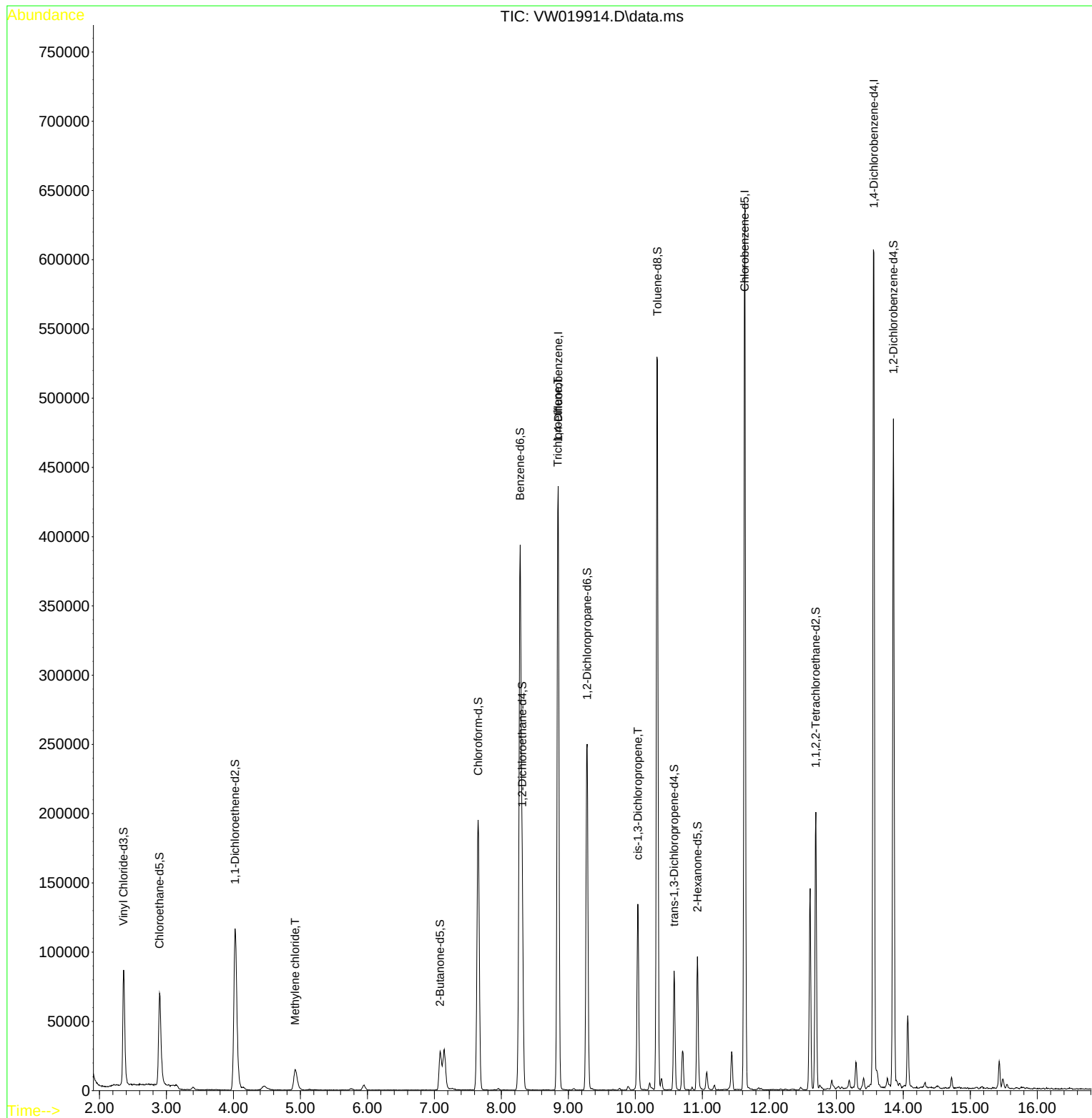
| Compound                      | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|--------|-------|----------|----------|--------|----------|
| -----                         |        |       |          |          |        |          |
| Internal Standards            |        |       |          |          |        |          |
| 1) 1,4-Difluorobenzene        | 8.848  | 114   | 368976   | 25.000   | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 11.634 | 117   | 341682   | 25.000   | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 13.560 | 152   | 163153   | 25.000   | ug/L   | 0.00     |
|                               |        |       |          |          |        |          |
| System Monitoring Compounds   |        |       |          |          |        |          |
| 4) Vinyl Chloride-d3          | 2.361  | 65    | 105685   | 18.487   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 150 | Recovery | =      | 73.960%  |
| 7) Chloroethane-d5            | 2.897  | 69    | 93547    | 18.643   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 150 | Recovery | =      | 74.560%  |
| 11) 1,1-Dichloroethene-d2     | 4.025  | 63    | 132455   | 13.352   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 45 - 110 | Recovery | =      | 53.400%  |
| 21) 2-Butanone-d5             | 7.086  | 46    | 47025    | 40.496   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 20 - 135 | Recovery | =      | 81.000%  |
| 24) Chloroform-d              | 7.653  | 84    | 200252   | 19.734   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 40 - 150 | Recovery | =      | 78.920%  |
| 26) 1,2-Dichloroethane-d4     | 8.311  | 65    | 109010   | 19.934   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 70 - 130 | Recovery | =      | 79.720%  |
| 32) Benzene-d6                | 8.281  | 84    | 391855   | 20.114   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 20 - 135 | Recovery | =      | 80.440%  |
| 36) 1,2-Dichloropropane-d6    | 9.280  | 67    | 119648   | 20.281   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 70 - 120 | Recovery | =      | 81.120%  |
| 41) Toluene-d8                | 10.329 | 98    | 352002   | 19.716   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 130 | Recovery | =      | 78.880%  |
| 43) trans-1,3-Dichloroprop... | 10.579 | 79    | 47264    | 19.392   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 135 | Recovery | =      | 77.560%  |
| 47) 2-Hexanone-d5             | 10.926 | 63    | 32718    | 39.809   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 20 - 135 | Recovery | =      | 79.620%  |
| 56) 1,1,2,2-Tetrachloroeth... | 12.694 | 84    | 98530    | 20.520   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 45 - 120 | Recovery | =      | 82.080%  |
| 66) 1,2-Dichlorobenzene-d4    | 13.853 | 152   | 120137   | 21.466   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 75 - 120 | Recovery | =      | 85.880%  |
|                               |        |       |          |          |        |          |
| Target Compounds              |        |       |          |          |        | Qvalue   |
| 16) Methylene chloride        | 4.921  | 84    | 12951    | 2.045    | ug/L   | 96       |
| 34) Trichloroethene           | 8.841  | 95    | 11188    | 2.052    | ug/L # | 5        |
| 39) cis-1,3-Dichloropropene   | 10.036 | 75    | 3428     | 0.448    | ug/L # | 72       |
| -----                         |        |       |          |          |        |          |

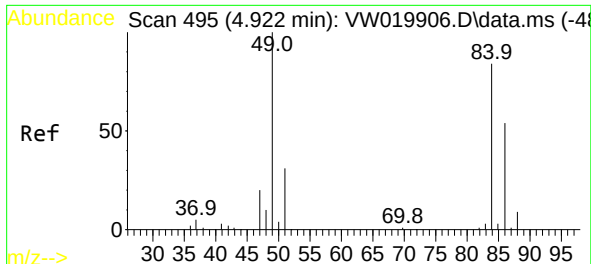
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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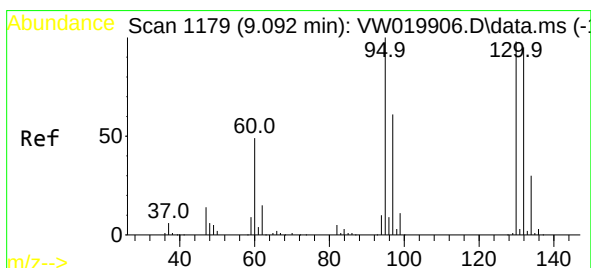
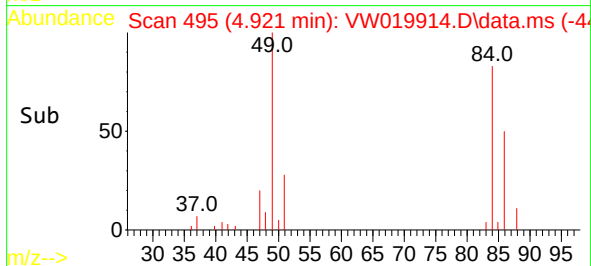
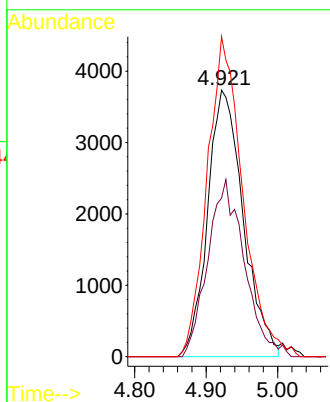
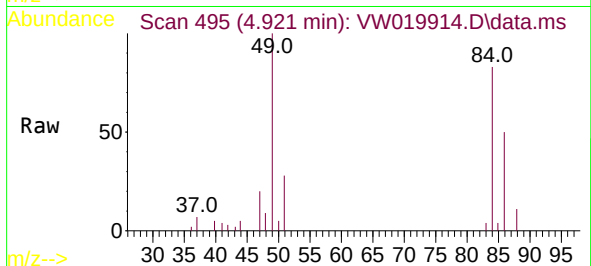




#16  
Methylene chloride  
Concen: 2.045 ug/L  
RT: 4.921 min Scan# 495  
Delta R.T. -0.000 min  
Lab File: VW019914.D  
Acq: 26 Aug 2021 13:59

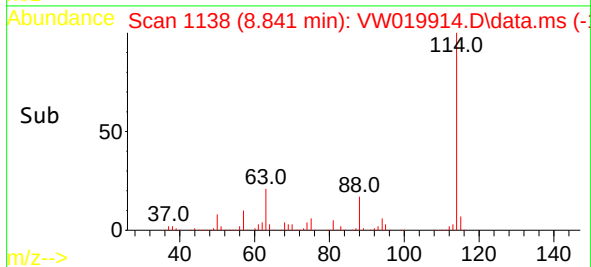
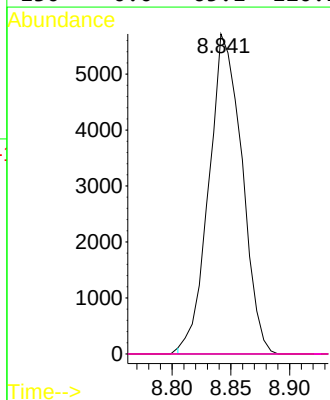
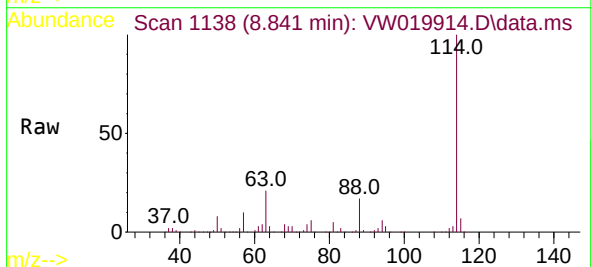
Instrument :  
MSVOA\_W  
ClientSampled :

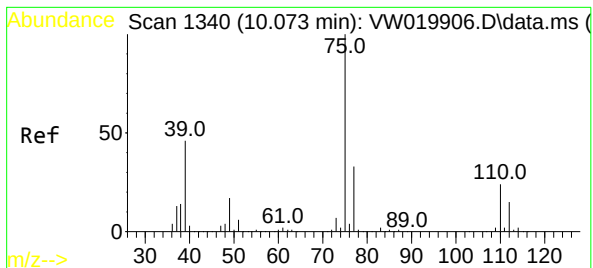
Tgt Ion: 84 Resp: 12951  
Ion Ratio Lower Upper  
84 100  
86 59.5 45.3 84.1  
49 120.1 86.6 160.8



#34  
Trichloroethene  
Concen: 2.052 ug/L  
RT: 8.841 min Scan# 1138  
Delta R.T. -0.250 min  
Lab File: VW019914.D  
Acq: 26 Aug 2021 13:59

Tgt Ion: 95 Resp: 11188  
Ion Ratio Lower Upper  
95 100  
97 0.0 47.3 87.8#  
132 0.0 71.0 131.8#  
130 0.0 65.1 120.9#





#39  
cis-1,3-Dichloropropene  
Concen: 0.448 ug/L  
RT: 10.036 min Scan# 1334  
Delta R.T. -0.037 min  
Lab File: VW019914.D  
Acq: 26 Aug 2021 13:59

Instrument :  
MSVOA\_W  
ClientSampleId :

Tgt Ion: 75 Resp: 3428  
Ion Ratio Lower Upper  
75 100  
77 48.2 22.6 42.0#

