

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW092221\  
 Data File : VW020124.D  
 Acq On : 22 Sep 2021 22:30  
 Operator : SY/VA  
 Sample : M3837-09  
 Misc : 2.75g/10mL/MSVOA\_W/SOIL  
 ALS Vial : 15 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :

Quant Time: Sep 23 01:27:44 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM092121SMA.M  
 Quant Title : SFAM01.0  
 QLast Update : Thu Sep 23 01:24:43 2021  
 Response via : Initial Calibration

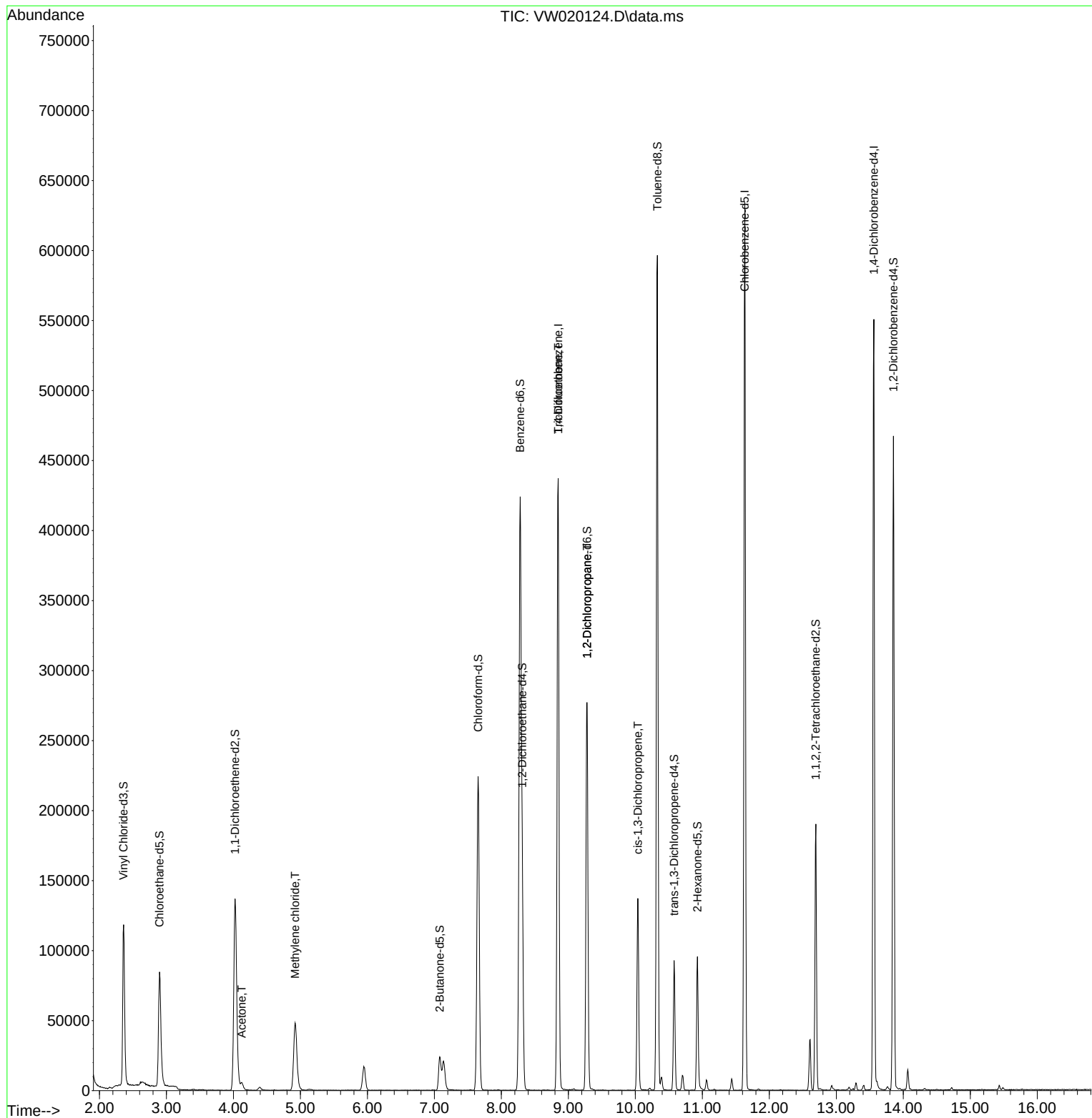
| Compound                      | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|--------|-------|----------|----------|--------|----------|
| -----                         |        |       |          |          |        |          |
| Internal Standards            |        |       |          |          |        |          |
| 1) 1,4-Difluorobenzene        | 8.848  | 114   | 352227   | 25.000   | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 11.634 | 117   | 333115   | 25.000   | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 13.560 | 152   | 135735   | 25.000   | ug/L   | 0.00     |
|                               |        |       |          |          |        |          |
| System Monitoring Compounds   |        |       |          |          |        |          |
| 4) Vinyl Chloride-d3          | 2.361  | 65    | 137454   | 19.075   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 150 | Recovery | =      | 76.320%  |
| 7) Chloroethane-d5            | 2.897  | 69    | 113902   | 20.983   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 150 | Recovery | =      | 83.920%  |
| 11) 1,1-Dichloroethene-d2     | 4.025  | 63    | 150381   | 13.329   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 45 - 110 | Recovery | =      | 53.320%  |
| 21) 2-Butanone-d5             | 7.080  | 46    | 39516    | 35.538   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 20 - 135 | Recovery | =      | 71.080%  |
| 24) Chloroform-d              | 7.653  | 84    | 224349   | 20.253   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 40 - 150 | Recovery | =      | 81.000%  |
| 26) 1,2-Dichloroethane-d4     | 8.311  | 65    | 120609   | 20.230   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 70 - 130 | Recovery | =      | 80.920%  |
| 32) Benzene-d6                | 8.281  | 84    | 420746   | 19.798   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 20 - 135 | Recovery | =      | 79.200%  |
| 36) 1,2-Dichloropropane-d6    | 9.280  | 67    | 126688   | 20.598   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 70 - 120 | Recovery | =      | 82.400%  |
| 41) Toluene-d8                | 10.329 | 98    | 379422   | 19.621   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 130 | Recovery | =      | 78.480%  |
| 43) trans-1,3-Dichloroprop... | 10.579 | 79    | 48463    | 18.435   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 135 | Recovery | =      | 73.760%  |
| 47) 2-Hexanone-d5             | 10.926 | 63    | 29246    | 34.360   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 20 - 135 | Recovery | =      | 68.720%  |
| 56) 1,1,2,2-Tetrachloroeth... | 12.694 | 84    | 88303    | 18.612   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 45 - 120 | Recovery | =      | 74.440%  |
| 66) 1,2-Dichlorobenzene-d4    | 13.853 | 152   | 113829   | 22.365   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 75 - 120 | Recovery | =      | 89.440%  |
|                               |        |       |          |          |        |          |
| Target Compounds              | Qvalue |       |          |          |        |          |
| 13) Acetone                   | 4.123  | 43    | 7598     | 7.978    | ug/L   | 99       |
| 16) Methylene chloride        | 4.921  | 84    | 40038    | 6.442    | ug/L   | 94       |
| 34) Trichloroethene           | 8.848  | 95    | 11362    | 2.111    | ug/L # | 5        |
| 37) 1,2-Dichloropropane       | 9.280  | 63    | 15220    | 3.057    | ug/L # | 88       |
| 39) cis-1,3-Dichloropropene   | 10.036 | 75    | 3735     | 0.509    | ug/L # | 62       |
| -----                         |        |       |          |          |        |          |

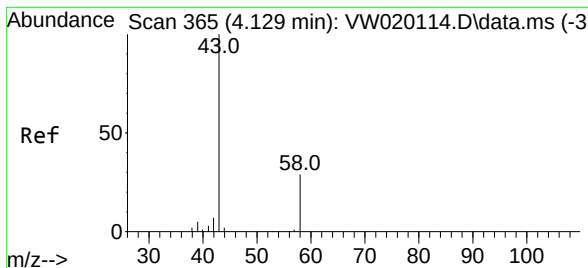
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Sep 23 01:24:43 2021  
Response via : Initial Calibration





#13

Acetone

Concen: 7.978 ug/L

RT: 4.123 min Scan# 364

Delta R.T. -0.006 min

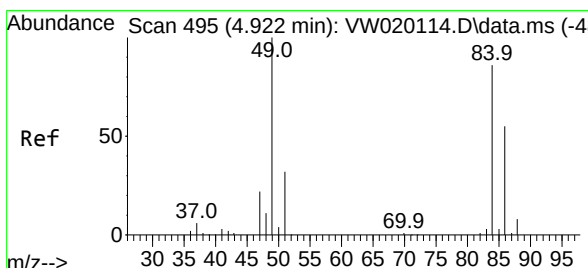
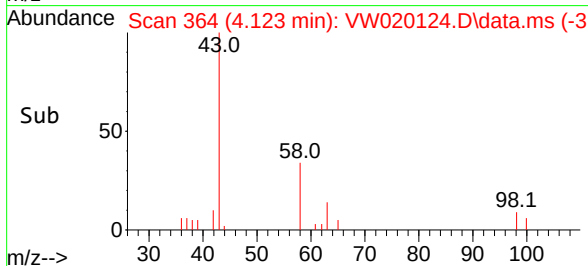
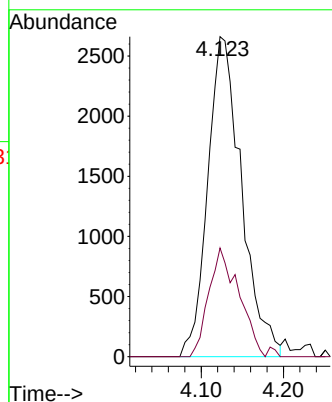
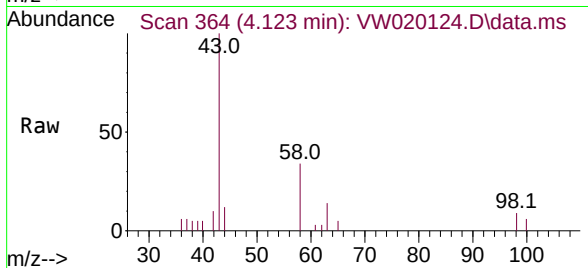
Lab File: VW020124.D

Acq: 22 Sep 2021 22:30

Tgt Ion: 43 Resp: 7598

Ion Ratio Lower Upper

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 43  | 100   |       |       |
| 58  | 30.4  | 0.0   | 61.6  |



#16

Methylene chloride

Concen: 6.442 ug/L

RT: 4.921 min Scan# 495

Delta R.T. -0.000 min

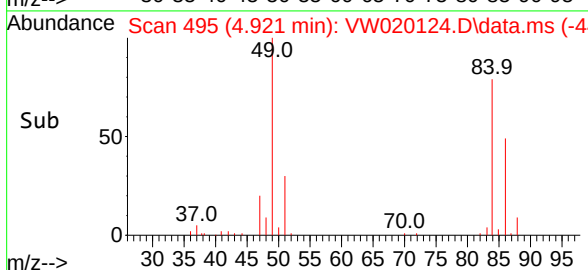
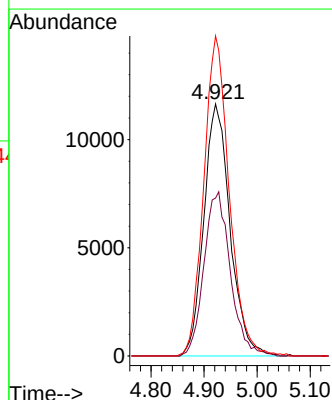
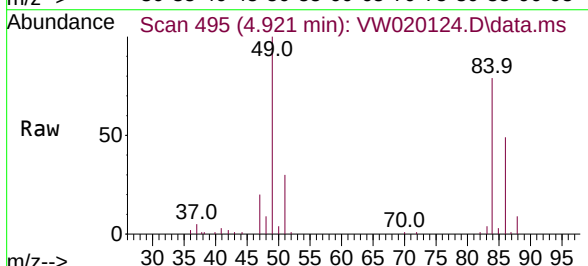
Lab File: VW020124.D

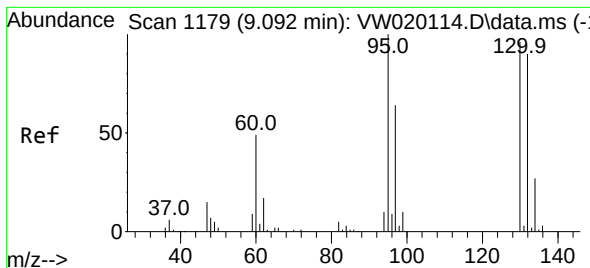
Acq: 22 Sep 2021 22:30

Tgt Ion: 84 Resp: 40038

Ion Ratio Lower Upper

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 84  | 100   |       |       |
| 86  | 62.6  | 42.6  | 79.0  |
| 49  | 127.0 | 83.4  | 154.8 |





#34

Trichloroethene

Concen: 2.111 ug/L

RT: 8.848 min Scan# 1139

Delta R.T. -0.244 min

Lab File: VW020124.D

Acq: 22 Sep 2021 22:30

Tgt Ion: 95 Resp: 11362

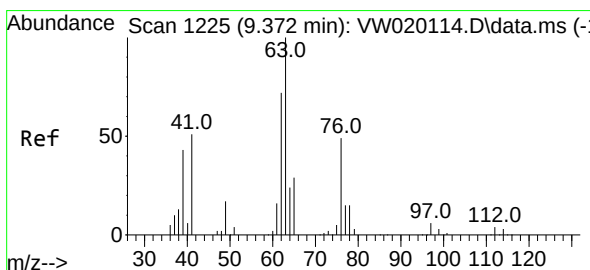
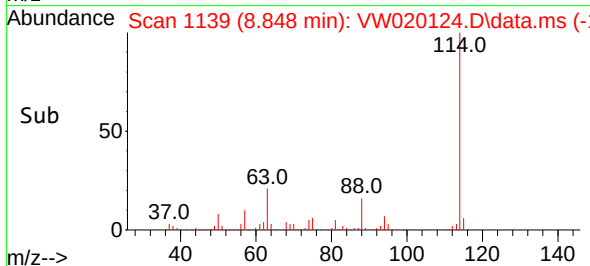
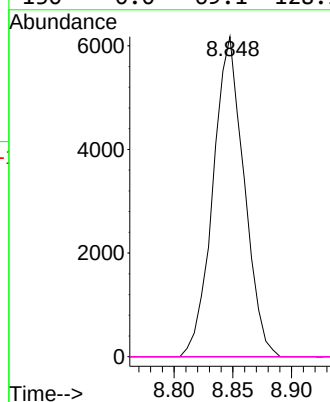
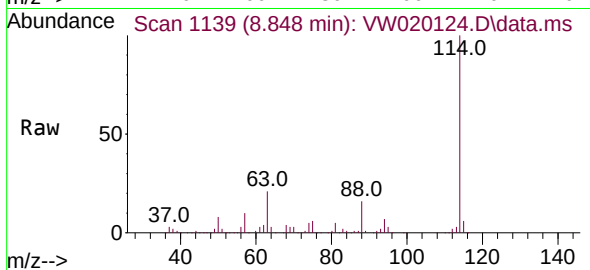
Ion Ratio Lower Upper

95 100

97 0.0 45.1 83.7#

132 0.0 67.9 126.1#

130 0.0 69.1 128.3#



#37

1,2-Dichloropropane

Concen: 3.057 ug/L

RT: 9.280 min Scan# 1210

Delta R.T. -0.092 min

Lab File: VW020124.D

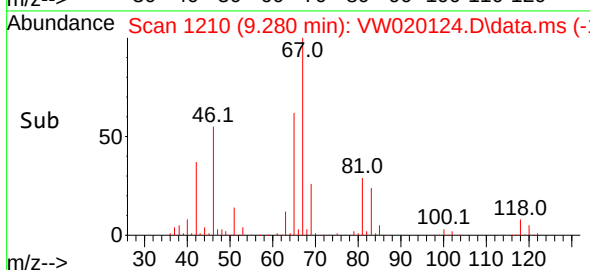
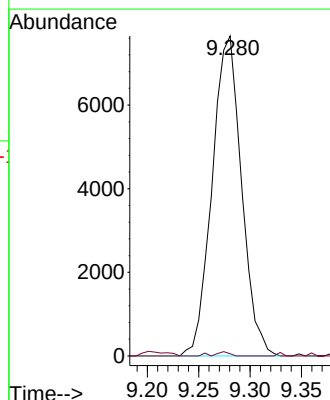
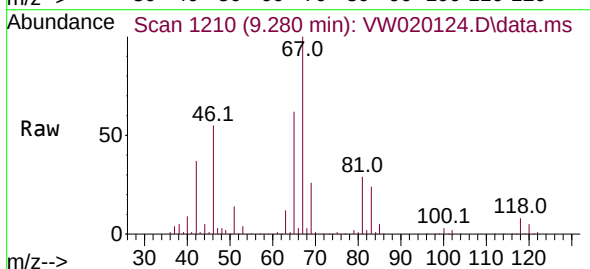
Acq: 22 Sep 2021 22:30

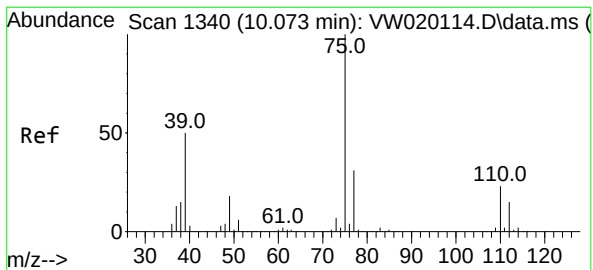
Tgt Ion: 63 Resp: 15220

Ion Ratio Lower Upper

63 100

112 0.5 3.6 5.4#





#39  
 cis-1,3-Dichloropropene  
 Concen: 0.509 ug/L  
 RT: 10.036 min Scan# 1334  
 Delta R.T. -0.037 min  
 Lab File: VW020124.D  
 Acq: 22 Sep 2021 22:30

Instrument :  
 MSVOA\_W  
 ClientSampleId :

Tgt Ion: 75 Resp: 3735  
 Ion Ratio Lower Upper  
 75 100  
 77 54.1 23.0 42.6#

