

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW121821\  
 Data File : VW021452.D  
 Acq On : 18 Dec 2021 04:04  
 Operator : SY/VA  
 Sample : M5121-14  
 Misc : 5.61g/10.0mL/MSVOA\_W/SOIL  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :

Quant Time: Dec 18 05:02:21 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM120921SMA.M  
 Quant Title : SFAM01.0  
 QLast Update : Sat Dec 18 00:55:20 2021  
 Response via : Initial Calibration

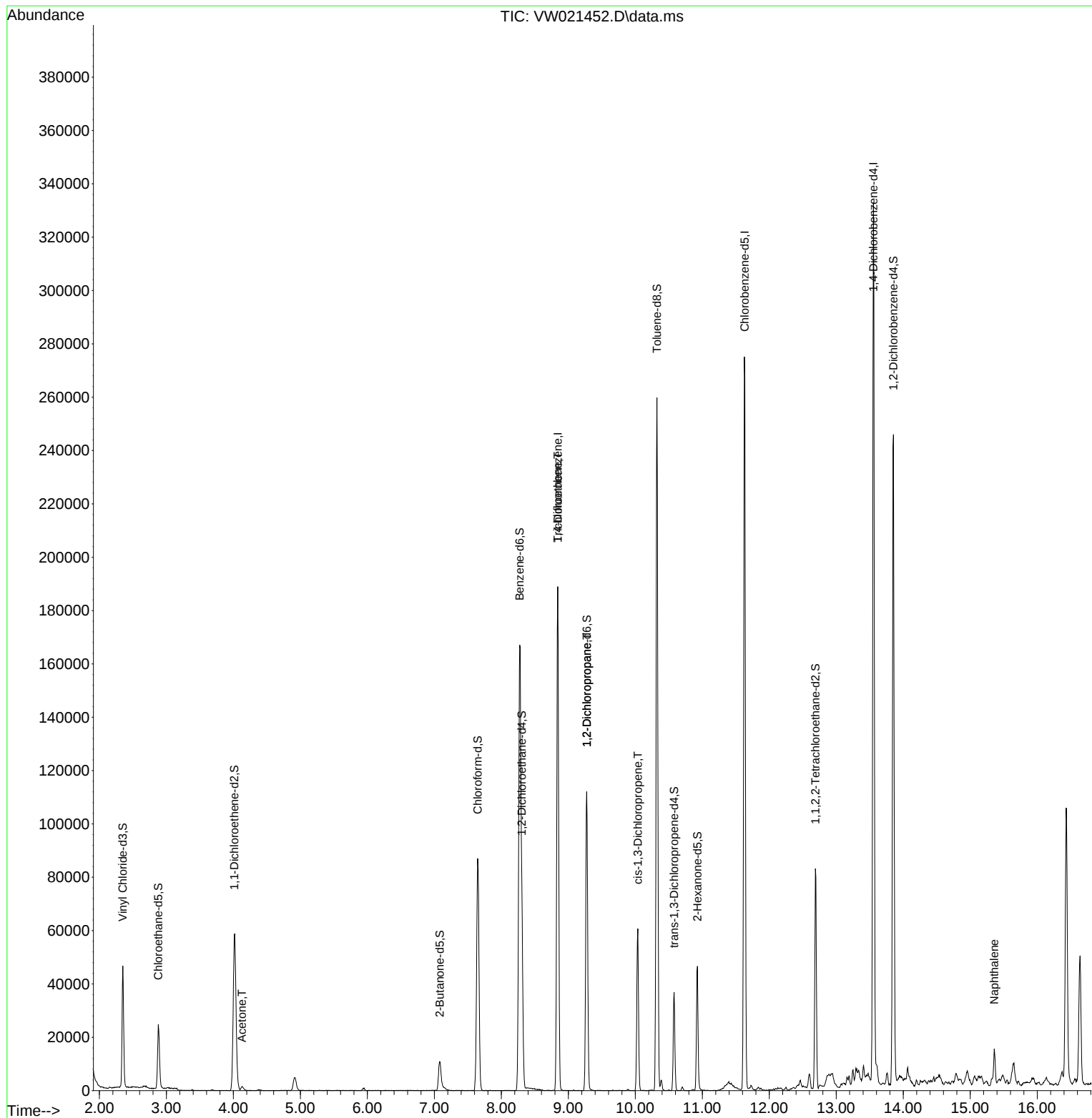
| Compound                      | R.T.   | QIon  | Response | Conc     | Units | Dev(Min) |
|-------------------------------|--------|-------|----------|----------|-------|----------|
| -----                         |        |       |          |          |       |          |
| Internal Standards            |        |       |          |          |       |          |
| 1) 1,4-Difluorobenzene        | 8.842  | 114   | 161106   | 25.000   | ug/L  | # 0.00   |
| 28) Chlorobenzene-d5          | 11.634 | 117   | 160889   | 25.000   | ug/L  | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 13.554 | 152   | 91021    | 25.000   | ug/L  | 0.00     |
|                               |        |       |          |          |       |          |
| System Monitoring Compounds   |        |       |          |          |       |          |
| 4) Vinyl Chloride-d3          | 2.349  | 65    | 44155    | 15.049   | ug/L  | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 150 | Recovery | =     | 60.200%  |
| 7) Chloroethane-d5            | 2.879  | 69    | 26453    | 13.638   | ug/L  | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 150 | Recovery | =     | 54.560%  |
| 11) 1,1-Dichloroethene-d2     | 4.013  | 63    | 56009    | 14.318   | ug/L  | 0.00     |
| Spiked Amount                 | 25.000 | Range | 45 - 110 | Recovery | =     | 57.280%  |
| 21) 2-Butanone-d5             | 7.080  | 46    | 19104    | 46.189   | ug/L  | 0.00     |
| Spiked Amount                 | 50.000 | Range | 20 - 135 | Recovery | =     | 92.380%  |
| 24) Chloroform-d              | 7.647  | 84    | 89047    | 19.834   | ug/L  | 0.00     |
| Spiked Amount                 | 25.000 | Range | 40 - 150 | Recovery | =     | 79.320%  |
| 26) 1,2-Dichloroethane-d4     | 8.305  | 65    | 49270    | 20.631   | ug/L  | 0.00     |
| Spiked Amount                 | 25.000 | Range | 70 - 130 | Recovery | =     | 82.520%  |
| 32) Benzene-d6                | 8.275  | 84    | 175991   | 19.956   | ug/L  | 0.00     |
| Spiked Amount                 | 25.000 | Range | 20 - 135 | Recovery | =     | 79.840%  |
| 36) 1,2-Dichloropropane-d6    | 9.275  | 67    | 48682    | 20.583   | ug/L  | 0.00     |
| Spiked Amount                 | 25.000 | Range | 70 - 120 | Recovery | =     | 82.320%  |
| 41) Toluene-d8                | 10.323 | 98    | 173031   | 19.203   | ug/L  | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 130 | Recovery | =     | 76.800%  |
| 43) trans-1,3-Dichloroprop... | 10.579 | 79    | 19807    | 18.188   | ug/L  | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 135 | Recovery | =     | 72.760%  |
| 47) 2-Hexanone-d5             | 10.927 | 63    | 15760    | 45.062   | ug/L  | 0.00     |
| Spiked Amount                 | 50.000 | Range | 20 - 135 | Recovery | =     | 90.120%  |
| 56) 1,1,2,2-Tetrachloroeth... | 12.689 | 84    | 37652    | 18.519   | ug/L  | 0.00     |
| Spiked Amount                 | 25.000 | Range | 45 - 120 | Recovery | =     | 74.080%  |
| 66) 1,2-Dichlorobenzene-d4    | 13.853 | 152   | 66490    | 18.849   | ug/L  | 0.00     |
| Spiked Amount                 | 25.000 | Range | 75 - 120 | Recovery | =     | 75.400%  |
|                               |        |       |          |          |       |          |
| Target Compounds              |        |       |          |          |       | Qvalue   |
| 13) Acetone                   | 4.129  | 43    | 2764     | 7.455    | ug/L  | 89       |
| 34) Trichloroethene           | 8.842  | 95    | 5155     | 2.095    | ug/L  | # 5      |
| 37) 1,2-Dichloropropane       | 9.275  | 63    | 6171     | 3.157    | ug/L  | # 88     |
| 39) cis-1,3-Dichloropropene   | 10.037 | 75    | 1686     | 0.547    | ug/L  | # 82     |
| 71) Naphthalene               | 15.359 | 128   | 11577    | 2.032    | ug/L  | # 96     |
| -----                         |        |       |          |          |       |          |

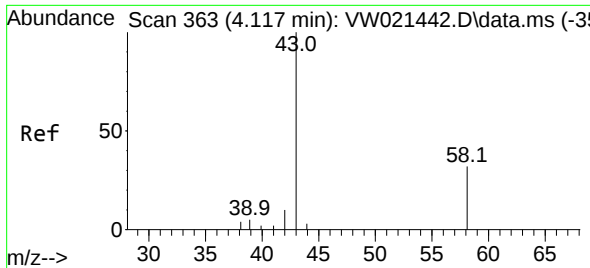
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SFAM01.0  
QLast Update : Sat Dec 18 00:55:20 2021  
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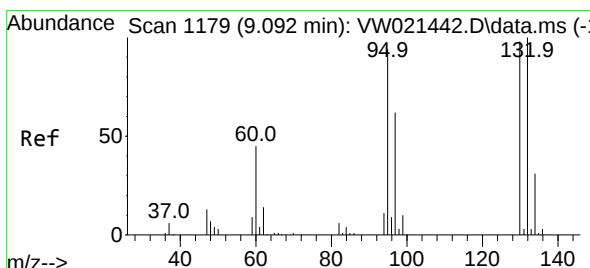
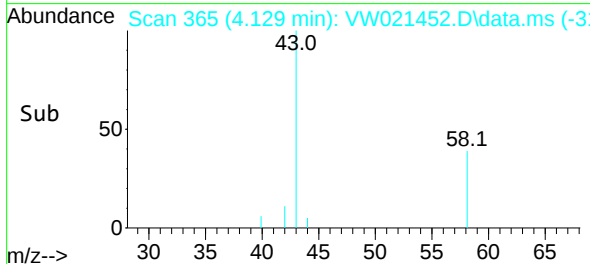
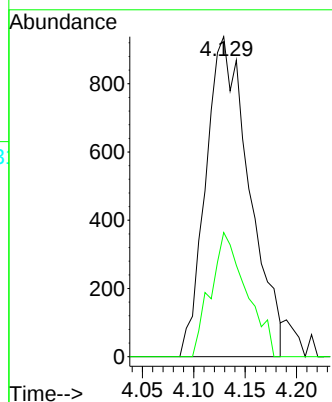
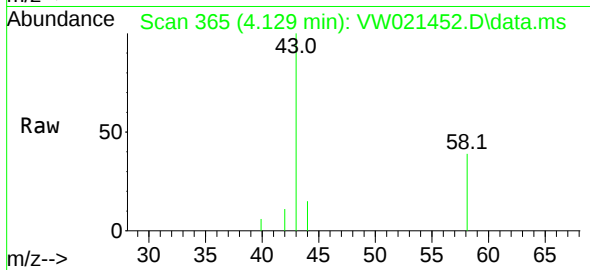




#13  
Acetone  
Concen: 7.455 ug/L  
RT: 4.129 min Scan# 30  
Delta R.T. 0.012 min  
Lab File: VW021452.D  
Acq: 18 Dec 2021 04:04

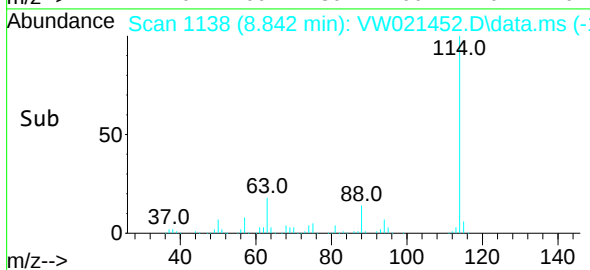
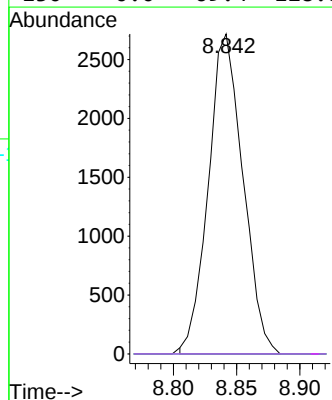
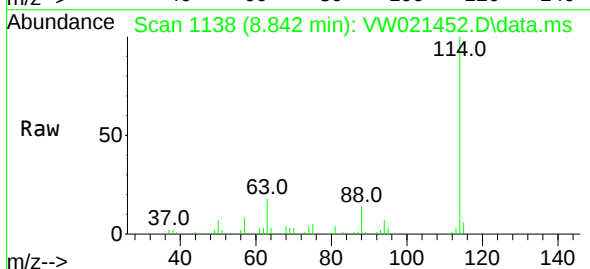
Instrument :  
MSVOA\_W  
ClientSampleId :

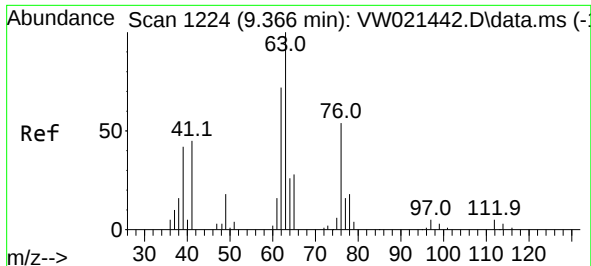
Tgt Ion: 43 Resp: 2764  
Ion Ratio Lower Upper  
43 100  
58 31.8 0.0 52.8



#34  
Trichloroethene  
Concen: 2.095 ug/L  
RT: 8.842 min Scan# 1138  
Delta R.T. -0.250 min  
Lab File: VW021452.D  
Acq: 18 Dec 2021 04:04

Tgt Ion: 95 Resp: 5155  
Ion Ratio Lower Upper  
95 100  
97 0.0 47.0 87.2#  
132 0.0 65.5 121.6#  
130 0.0 69.4 128.8#





#37

1,2-Dichloropropane

Concen: 3.157 ug/L

RT: 9.275 min Scan# 11

Delta R.T. -0.091 min

Lab File: VW021452.D

Acq: 18 Dec 2021 04:04

Instrument :

MSVOA\_W

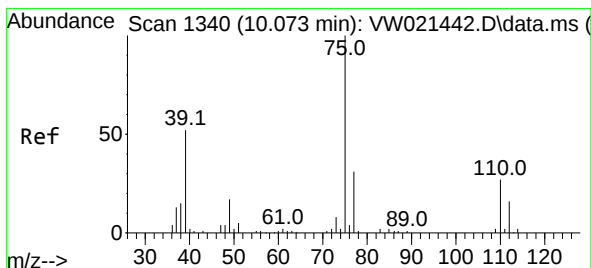
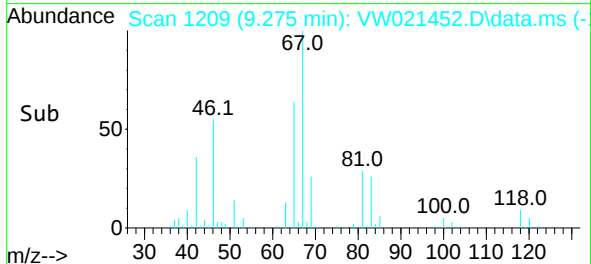
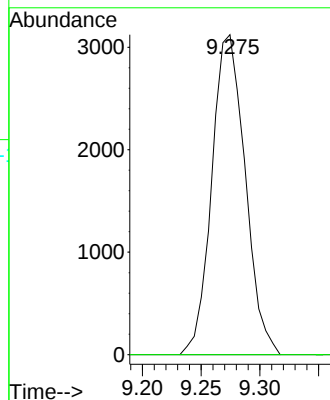
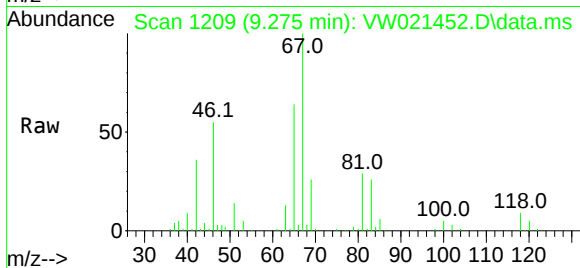
ClientSampleId :

Tgt Ion: 63 Resp: 6171

Ion Ratio Lower Upper

63 100

112 0.0 3.2 4.8#



#39

cis-1,3-Dichloropropene

Concen: 0.547 ug/L

RT: 10.037 min Scan# 1334

Delta R.T. -0.037 min

Lab File: VW021452.D

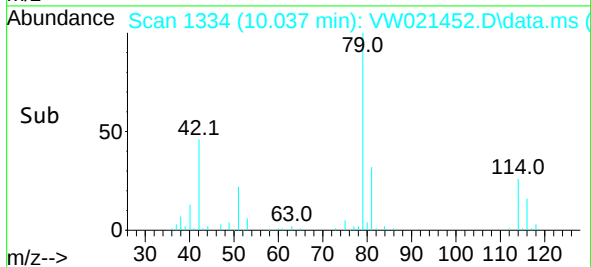
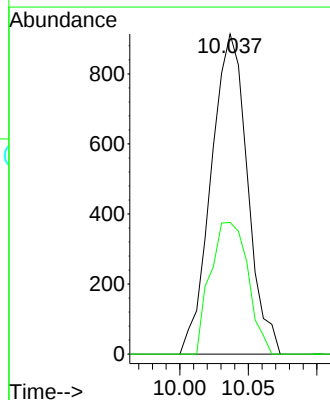
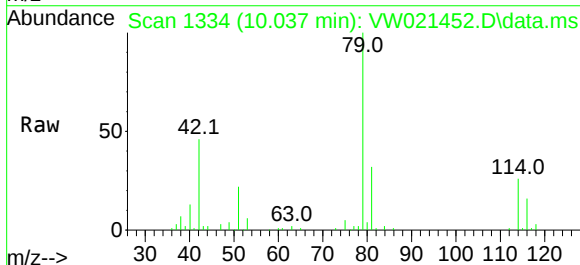
Acq: 18 Dec 2021 04:04

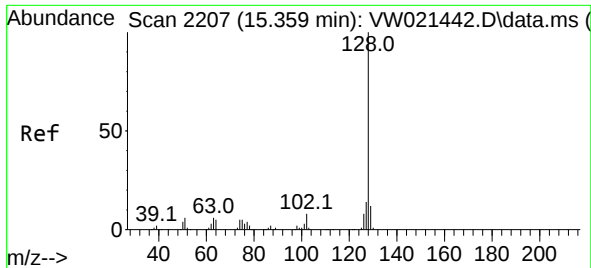
Tgt Ion: 75 Resp: 1686

Ion Ratio Lower Upper

75 100

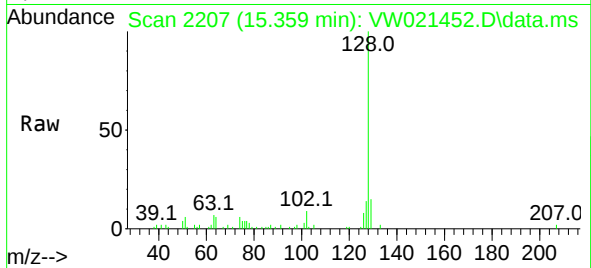
77 41.1 21.8 40.6#





#71  
Naphthalene  
Concen: 2.032 ug/L  
RT: 15.359 min Scan# 21  
Delta R.T. 0.000 min  
Lab File: VW021452.D  
Acq: 18 Dec 2021 04:04

Instrument :  
MSVOA\_W  
ClientSampleId :



Tgt Ion:128 Resp: 11577  
Ion Ratio Lower Upper  
128 100  
127 14.0 10.7 16.1  
129 12.9 8.6 12.8#

