

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW121821\  
 Data File : VW021456.D  
 Acq On : 18 Dec 2021 05:40  
 Operator : SY/VA  
 Sample : VIBLK  
 Misc : 5.00g/10.0mL/MSVOA\_W/SOIL  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :

Quant Time: Dec 18 23:09:31 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

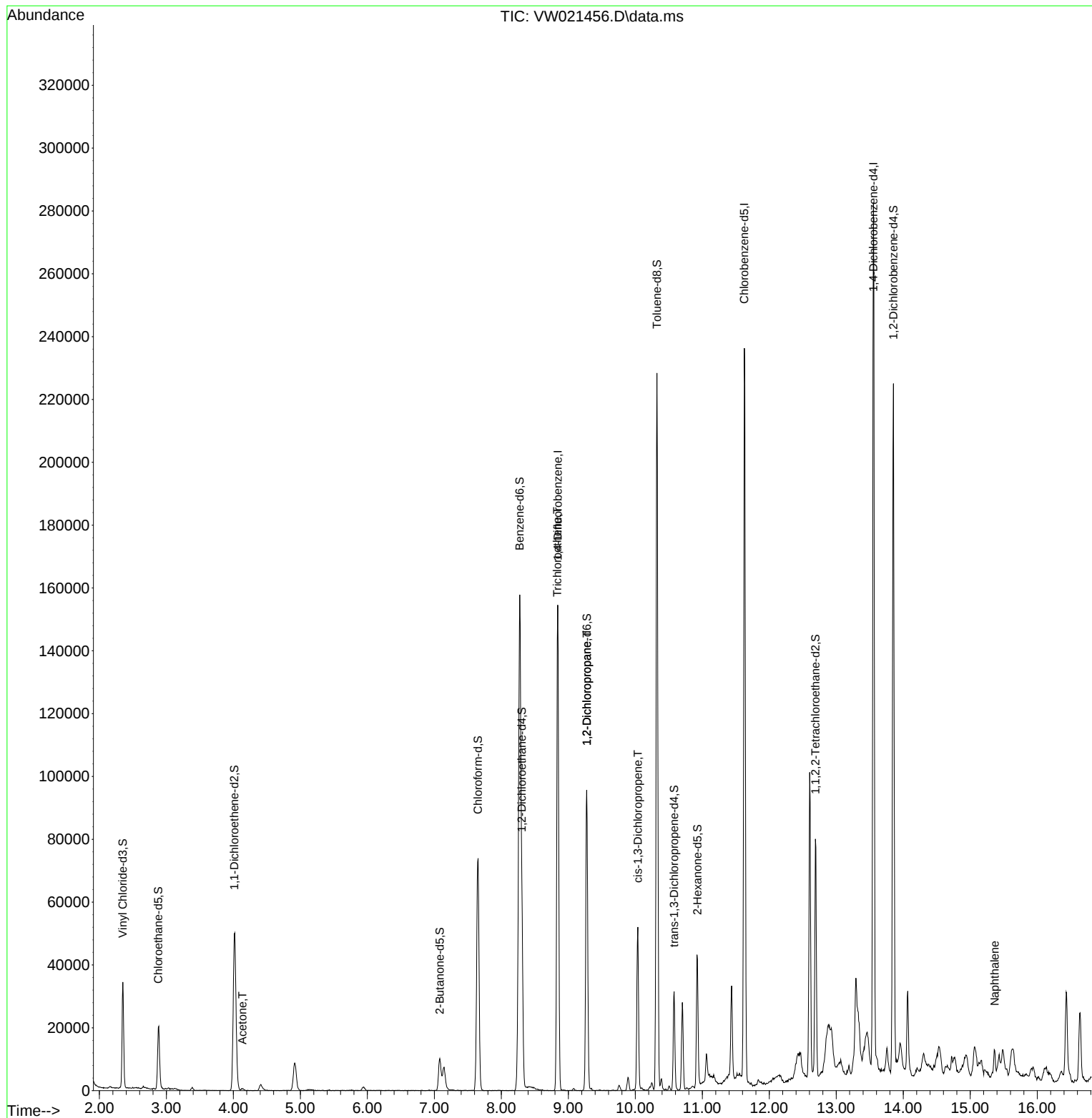
| Compound                      | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|--------|-------|----------|----------|--------|----------|
| -----                         |        |       |          |          |        |          |
| Internal Standards            |        |       |          |          |        |          |
| 1) 1,4-Difluorobenzene        | 8.842  | 114   | 135074   | 25.000   | ug/L   | # 0.00   |
| 28) Chlorobenzene-d5          | 11.628 | 117   | 134302   | 25.000   | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 13.554 | 152   | 76505    | 25.000   | ug/L   | 0.00     |
| System Monitoring Compounds   |        |       |          |          |        |          |
| 4) Vinyl Chloride-d3          | 2.349  | 65    | 33276    | 13.527   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 150 | Recovery | =      | 54.120%  |
| 7) Chloroethane-d5            | 2.879  | 69    | 23436    | 14.411   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 150 | Recovery | =      | 57.640%  |
| 11) 1,1-Dichloroethene-d2     | 4.013  | 63    | 48340    | 14.739   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 45 - 110 | Recovery | =      | 58.960%  |
| 21) 2-Butanone-d5             | 7.080  | 46    | 18172    | 52.404   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 20 - 135 | Recovery | =      | 104.800% |
| 24) Chloroform-d              | 7.653  | 84    | 77028    | 20.463   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 40 - 150 | Recovery | =      | 81.840%  |
| 26) 1,2-Dichloroethane-d4     | 8.305  | 65    | 43299    | 21.625   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 70 - 130 | Recovery | =      | 86.480%  |
| 32) Benzene-d6                | 8.275  | 84    | 155836   | 21.169   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 20 - 135 | Recovery | =      | 84.680%  |
| 36) 1,2-Dichloropropane-d6    | 9.274  | 67    | 42959    | 21.759   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 70 - 120 | Recovery | =      | 87.040%  |
| 41) Toluene-d8                | 10.323 | 98    | 153923   | 20.464   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 130 | Recovery | =      | 81.840%  |
| 43) trans-1,3-Dichloroprop... | 10.579 | 79    | 17187    | 18.907   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 135 | Recovery | =      | 75.640%  |
| 47) 2-Hexanone-d5             | 10.927 | 63    | 14833    | 50.808   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 20 - 135 | Recovery | =      | 101.620% |
| 56) 1,1,2,2-Tetrachloroeth... | 12.688 | 84    | 35165    | 20.720   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 45 - 120 | Recovery | =      | 82.880%  |
| 66) 1,2-Dichlorobenzene-d4    | 13.853 | 152   | 60604    | 20.440   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 75 - 120 | Recovery | =      | 81.760%  |
| Target Compounds              |        |       |          |          |        |          |
|                               |        |       |          |          | Qvalue |          |
| 13) Acetone                   | 4.135  | 43    | 1386     | 4.458    | ug/L   | 89       |
| 34) Trichloroethene           | 8.835  | 95    | 4129     | 2.010    | ug/L   | # 5      |
| 37) 1,2-Dichloropropane       | 9.274  | 63    | 5132     | 3.145    | ug/L   | # 88     |
| 39) cis-1,3-Dichloropropene   | 10.037 | 75    | 1525     | 0.593    | ug/L   | # 59     |
| 71) Naphthalene               | 15.365 | 128   | 7368     | 1.539    | ug/L   | 98       |
| -----                         |        |       |          |          |        |          |

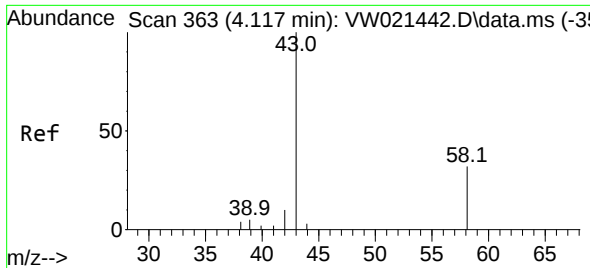
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SFAM01.0  
QLast Update : Sat Dec 18 00:55:20 2021  
Response via : Initial Calibration





#13

Acetone

Concen: 4.458 ug/L

RT: 4.135 min Scan# 3

Delta R.T. 0.018 min

Lab File: VW021456.D

Acq: 18 Dec 2021 05:40

Instrument :

MSVOA\_W

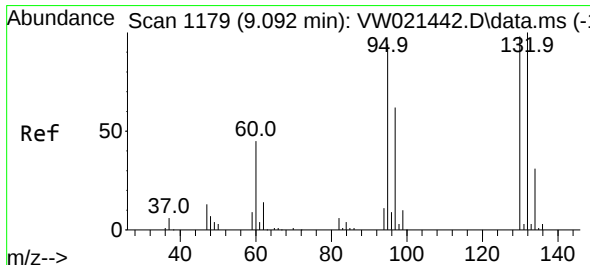
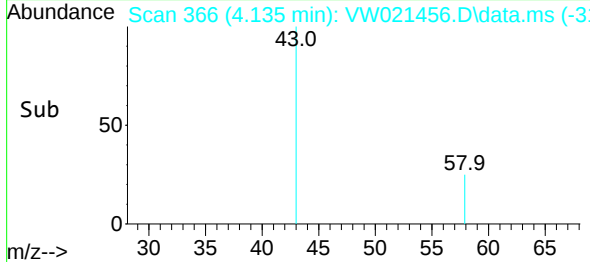
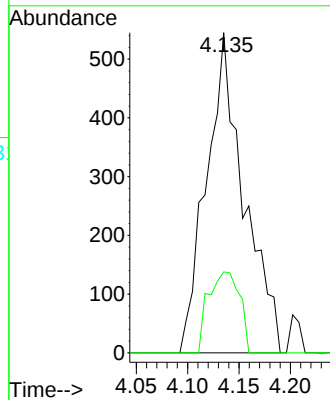
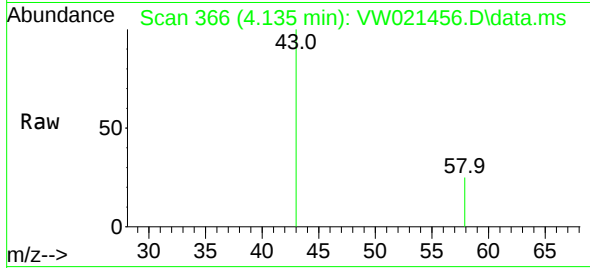
ClientSampleId :

Tgt Ion: 43 Resp: 1386

Ion Ratio Lower Upper

43 100

58 21.0 0.0 52.8



#34

Trichloroethene

Concen: 2.010 ug/L

RT: 8.835 min Scan# 1137

Delta R.T. -0.256 min

Lab File: VW021456.D

Acq: 18 Dec 2021 05:40

Tgt Ion: 95 Resp: 4129

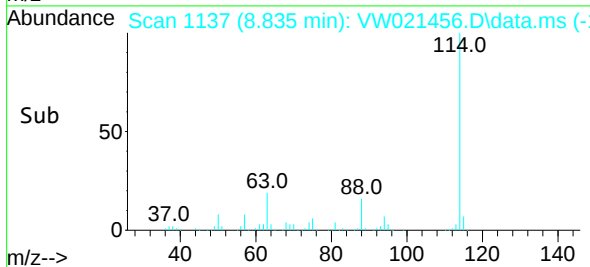
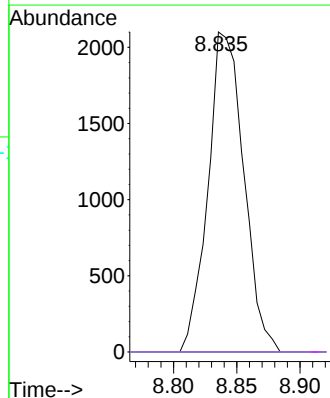
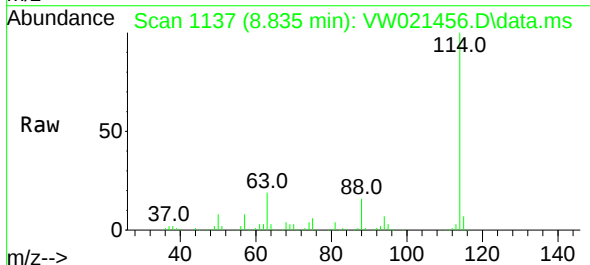
Ion Ratio Lower Upper

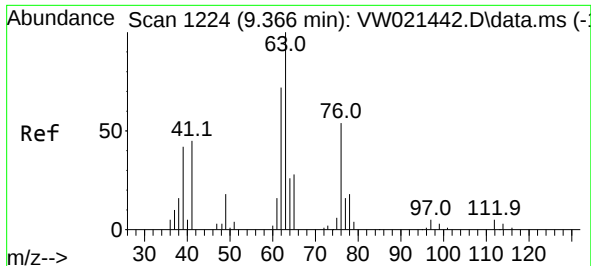
95 100

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: 3.145 ug/L

RT: 9.274 min Scan# 11

Delta R.T. -0.091 min

Lab File: VW021456.D

Acq: 18 Dec 2021 05:40

Instrument :

MSVOA\_W

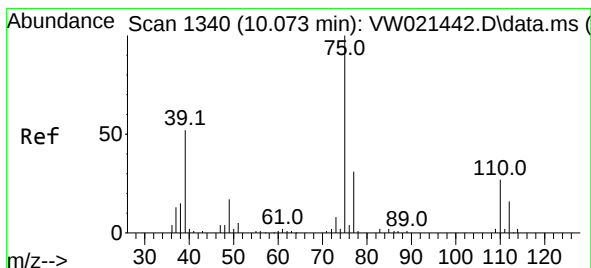
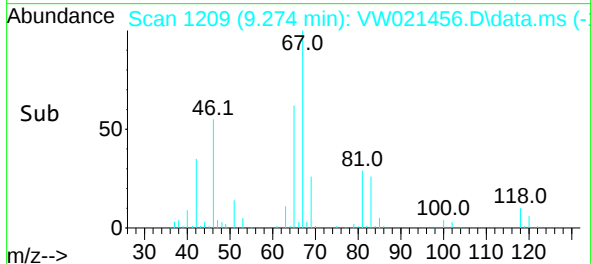
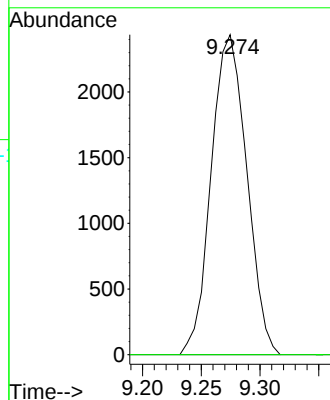
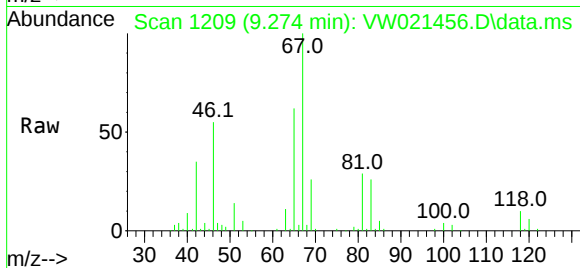
ClientSampleId :

Tgt Ion: 63 Resp: 5132

Ion Ratio Lower Upper

63 100

112 0.0 3.2 4.8#



#39

cis-1,3-Dichloropropene

Concen: 0.593 ug/L

RT: 10.037 min Scan# 1334

Delta R.T. -0.037 min

Lab File: VW021456.D

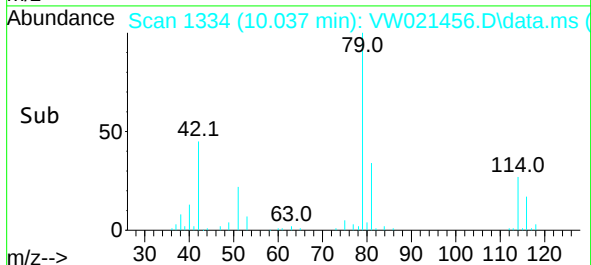
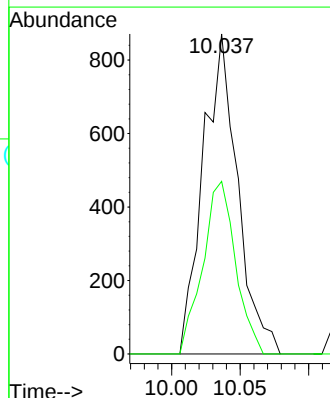
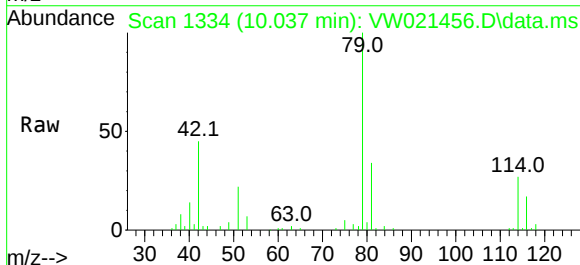
Acq: 18 Dec 2021 05:40

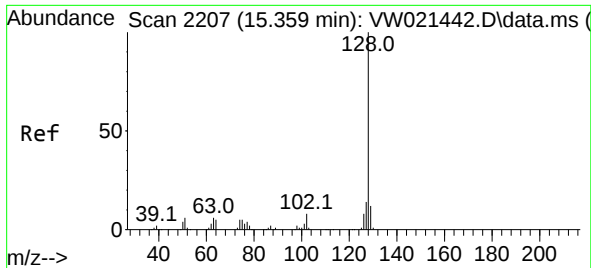
Tgt Ion: 75 Resp: 1525

Ion Ratio Lower Upper

75 100

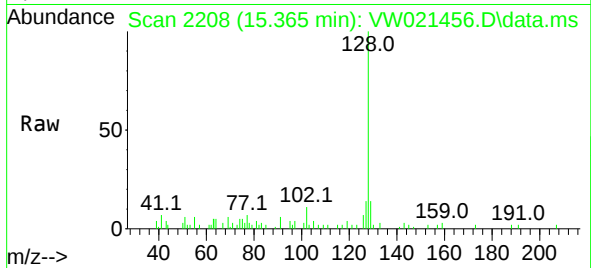
77 54.0 21.8 40.6#





#71  
Naphthalene  
Concen: 1.539 ug/L  
RT: 15.365 min Scan# 21  
Delta R.T. 0.006 min  
Lab File: VW021456.D  
Acq: 18 Dec 2021 05:40

Instrument :  
MSVOA\_W  
ClientSampleId :



|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 128   | Resp: | 7368  |
| Ion      | Ratio | Lower | Upper |
| 128      | 100   |       |       |
| 127      | 14.5  | 10.7  | 16.1  |
| 129      | 11.2  | 8.6   | 12.8  |

