

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW122221\  
 Data File : VW021634.D  
 Acq On : 24 Dec 2021 00:16  
 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 24 01:49:03 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM120921SMA.M  
 Quant Title : SFAM01.0  
 QLast Update : Fri Dec 24 01:43:02 2021  
 Response via : Initial Calibration

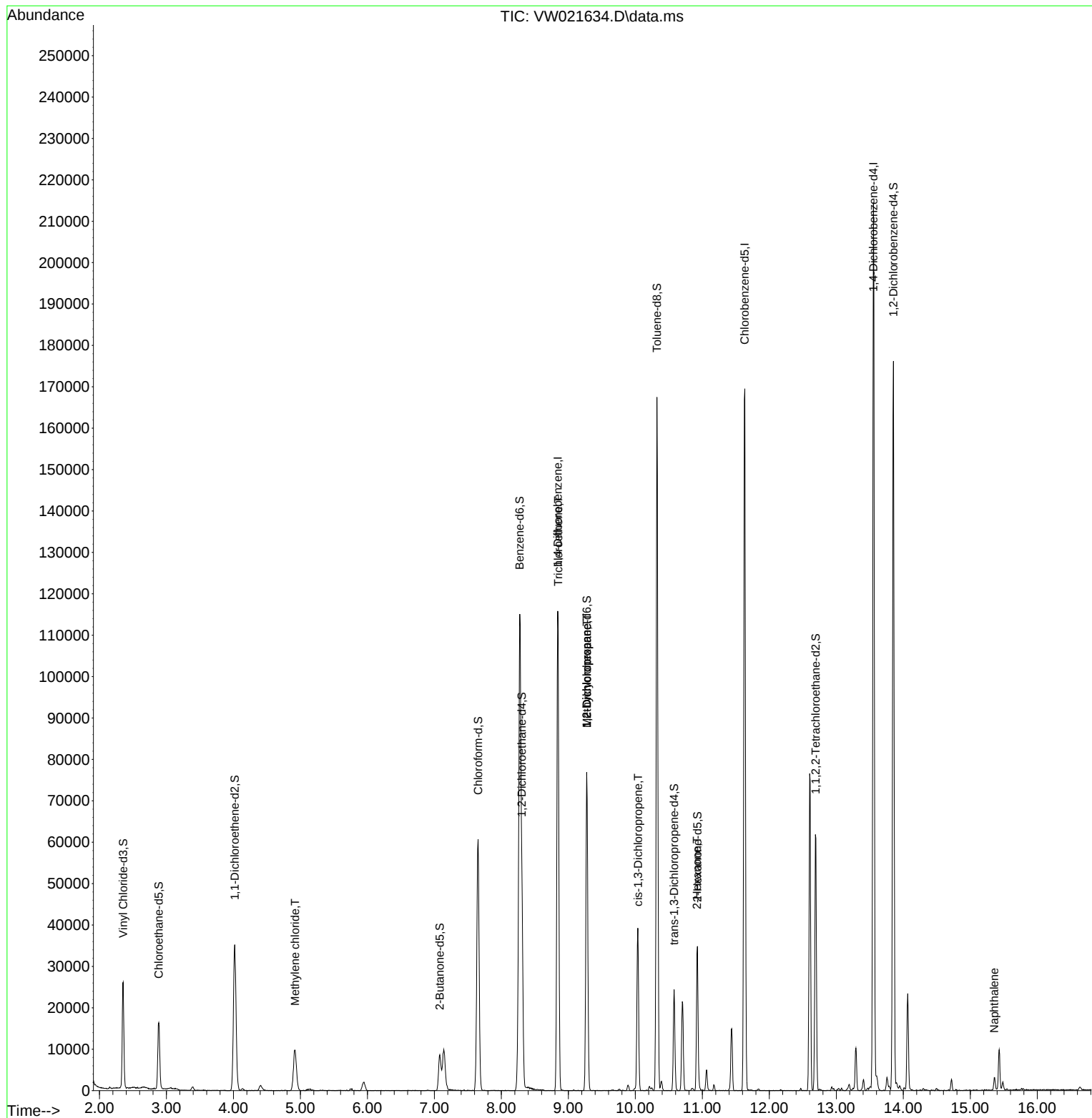
| Compound                      | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|--------|-------|----------|----------|--------|----------|
| -----                         |        |       |          |          |        |          |
| Internal Standards            |        |       |          |          |        |          |
| 1) 1,4-Difluorobenzene        | 8.842  | 114   | 102409   | 25.000   | ug/L   | # 0.00   |
| 28) Chlorobenzene-d5          | 11.634 | 117   | 100073   | 25.000   | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 13.554 | 152   | 57164    | 25.000   | ug/L   | 0.00     |
| System Monitoring Compounds   |        |       |          |          |        |          |
| 4) Vinyl Chloride-d3          | 2.355  | 65    | 24963    | 13.384   | ug/L   | 0.01     |
| Spiked Amount                 | 25.000 | Range | 30 - 150 | Recovery | =      | 53.520%  |
| 7) Chloroethane-d5            | 2.885  | 69    | 18329    | 14.865   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 150 | Recovery | =      | 59.480%  |
| 11) 1,1-Dichloroethene-d2     | 4.019  | 63    | 33201    | 13.352   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 45 - 110 | Recovery | =      | 53.400%  |
| 21) 2-Butanone-d5             | 7.080  | 46    | 15045    | 57.225   | ug/L   | -0.02    |
| Spiked Amount                 | 50.000 | Range | 20 - 135 | Recovery | =      | 114.440% |
| 24) Chloroform-d              | 7.653  | 84    | 60552    | 21.217   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 40 - 150 | Recovery | =      | 84.880%  |
| 26) 1,2-Dichloroethane-d4     | 8.305  | 65    | 33566    | 22.111   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 70 - 130 | Recovery | =      | 88.440%  |
| 32) Benzene-d6                | 8.275  | 84    | 110817   | 20.202   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 20 - 135 | Recovery | =      | 80.800%  |
| 36) 1,2-Dichloropropane-d6    | 9.274  | 67    | 32614    | 22.170   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 70 - 120 | Recovery | =      | 88.680%  |
| 41) Toluene-d8                | 10.323 | 98    | 106696   | 19.037   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 130 | Recovery | =      | 76.160%  |
| 43) trans-1,3-Dichloroprop... | 10.579 | 79    | 12952    | 19.121   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 135 | Recovery | =      | 76.480%  |
| 47) 2-Hexanone-d5             | 10.927 | 63    | 11776    | 54.133   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 20 - 135 | Recovery | =      | 108.260% |
| 56) 1,1,2,2-Tetrachloroeth... | 12.695 | 84    | 28632    | 22.641   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 45 - 120 | Recovery | =      | 90.560%  |
| 66) 1,2-Dichlorobenzene-d4    | 13.853 | 152   | 46958    | 21.196   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 75 - 120 | Recovery | =      | 84.800%  |
| Target Compounds              |        |       |          |          |        |          |
|                               |        |       |          |          | Qvalue |          |
| 16) Methylene chloride        | 4.922  | 84    | 7753     | 4.582    | ug/L   | 85       |
| 34) Trichloroethene           | 8.848  | 95    | 3104     | 2.028    | ug/L   | # 5      |
| 35) Methylcyclohexane         | 9.274  | 83    | 8587     | 3.402    | ug/L   | # 14     |
| 37) 1,2-Dichloropropane       | 9.274  | 63    | 4109     | 3.379    | ug/L   | # 88     |
| 39) cis-1,3-Dichloropropene   | 10.043 | 75    | 1126     | 0.587    | ug/L   | 86       |
| 48) 2-Hexanone                | 10.920 | 43    | 1491     | 3.103    | ug/L   | # 66     |
| 71) Naphthalene               | 15.359 | 128   | 2971     | 0.830    | ug/L   | 99       |
| -----                         |        |       |          |          |        |          |

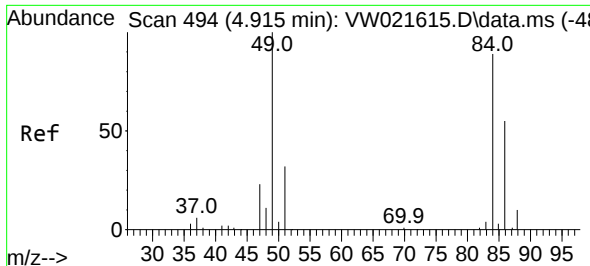
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SFAM01.0  
QLast Update : Fri Dec 24 01:43:02 2021  
Response via : Initial Calibration

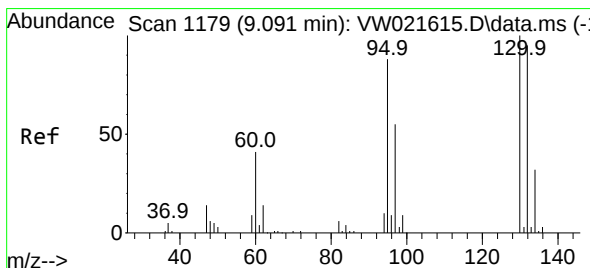
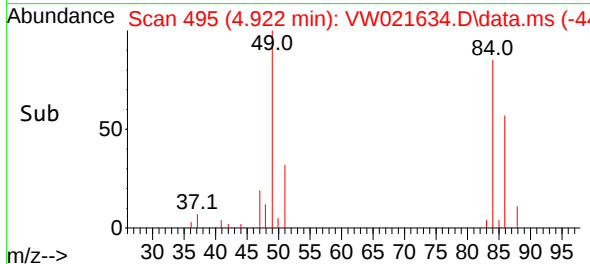
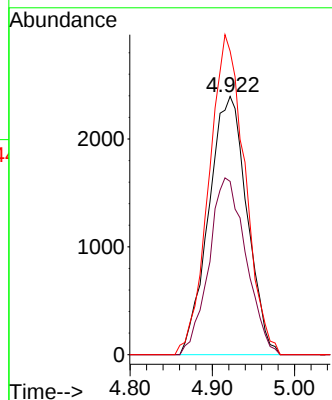
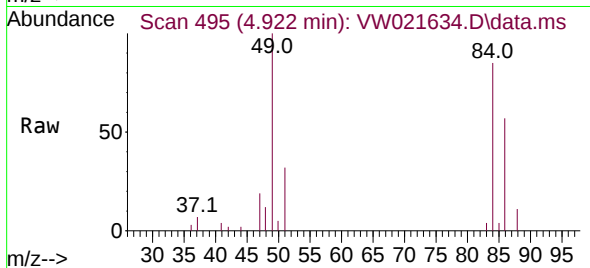




#16  
Methylene chloride  
Concen: 4.582 ug/L  
RT: 4.922 min Scan# 494  
Delta R.T. 0.006 min  
Lab File: VW021634.D  
Acq: 24 Dec 2021 00:16

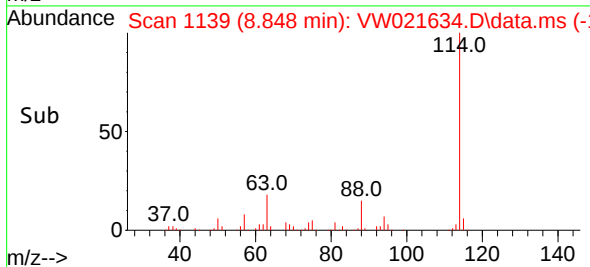
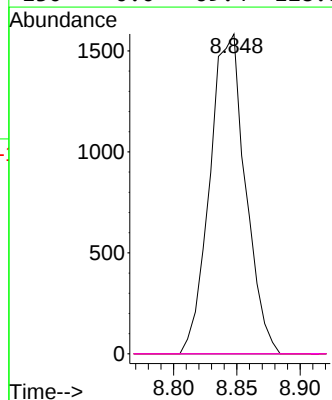
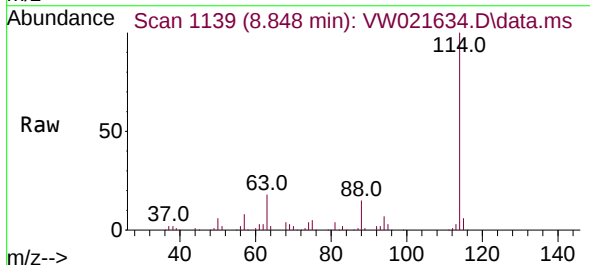
Instrument :  
MSVOA\_W  
ClientSampleId :

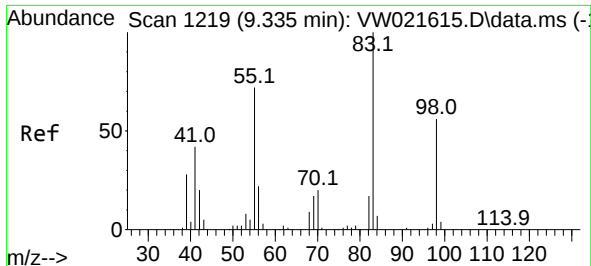
Tgt Ion: 84 Resp: 7753  
Ion Ratio Lower Upper  
84 100  
86 67.1 45.5 84.5  
49 117.5 100.5 186.7



#34  
Trichloroethene  
Concen: 2.028 ug/L  
RT: 8.848 min Scan# 1139  
Delta R.T. -0.244 min  
Lab File: VW021634.D  
Acq: 24 Dec 2021 00:16

Tgt Ion: 95 Resp: 3104  
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#





#35

Methylcyclohexane

Concen: 3.402 ug/L

RT: 9.274 min Scan# 1209

Delta R.T. -0.061 min

Lab File: VW021634.D

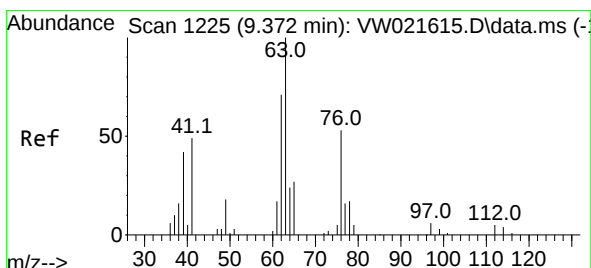
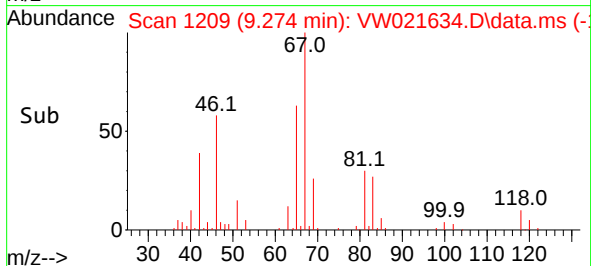
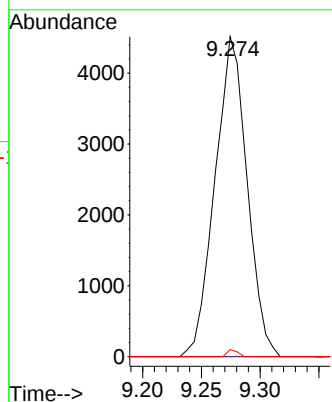
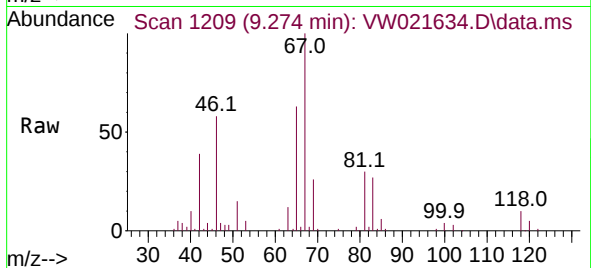
Acq: 24 Dec 2021 00:16

Instrument :

MSVOA\_W

ClientSampleId :

|             |                 |
|-------------|-----------------|
| Tgt Ion: 83 | Resp: 8587      |
| Ion Ratio   | Lower Upper     |
| 83          | 100             |
| 55          | 0.0 70.8 106.2# |
| 98          | 0.7 37.7 56.5#  |



#37

1,2-Dichloropropane

Concen: 3.379 ug/L

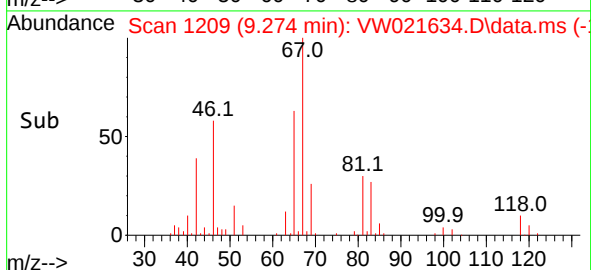
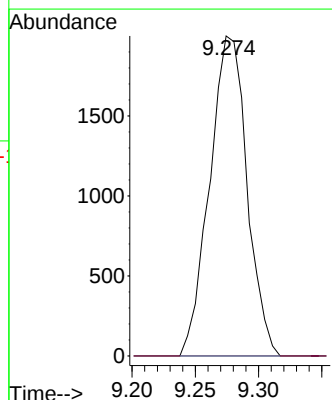
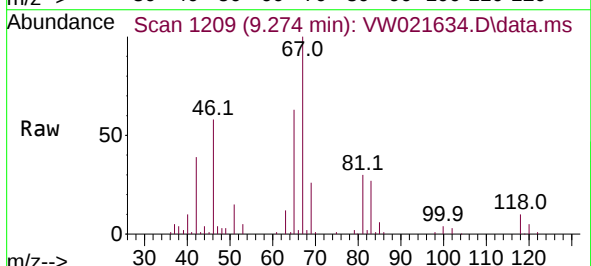
RT: 9.274 min Scan# 1209

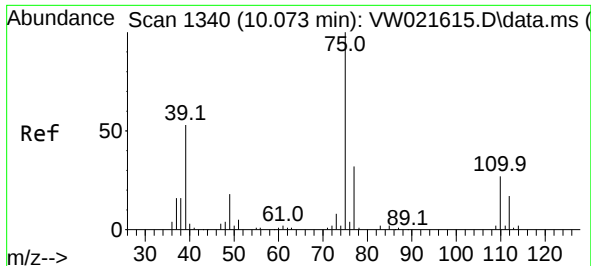
Delta R.T. -0.098 min

Lab File: VW021634.D

Acq: 24 Dec 2021 00:16

|             |              |
|-------------|--------------|
| Tgt Ion: 63 | Resp: 4109   |
| Ion Ratio   | Lower Upper  |
| 63          | 100          |
| 112         | 0.0 3.2 4.8# |





#39

cis-1,3-Dichloropropene

Concen: 0.587 ug/L

RT: 10.043 min Scan# 11

Delta R.T. -0.030 min

Lab File: VW021634.D

Acq: 24 Dec 2021 00:16

Instrument :

MSVOA\_W

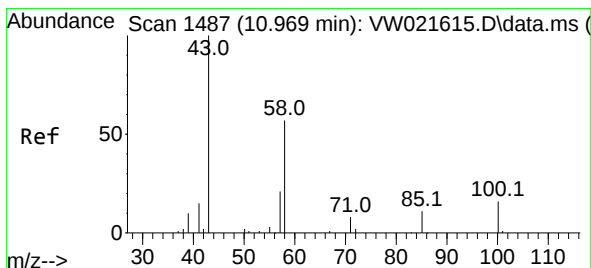
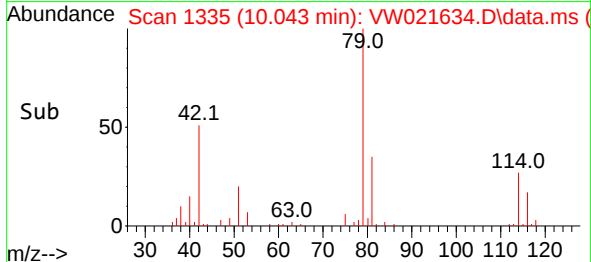
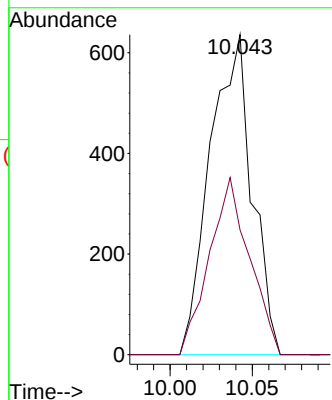
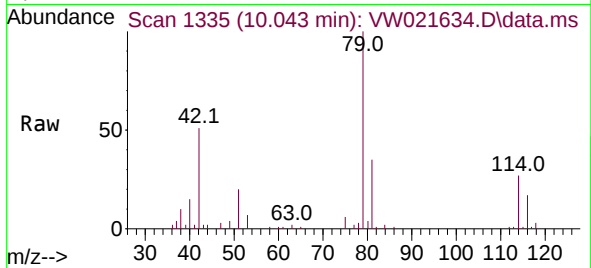
ClientSampleId :

Tgt Ion: 75 Resp: 1126

Ion Ratio Lower Upper

75 100

77 39.0 21.8 40.6



#48

2-Hexanone

Concen: 3.103 ug/L

RT: 10.920 min Scan# 1479

Delta R.T. -0.049 min

Lab File: VW021634.D

Acq: 24 Dec 2021 00:16

Tgt Ion: 43 Resp: 1491

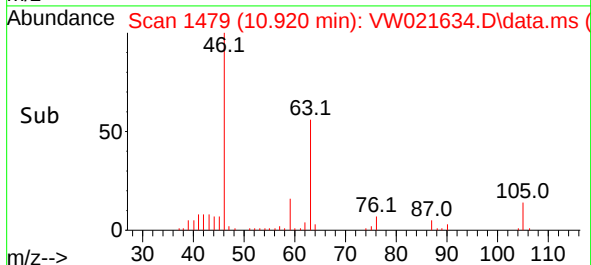
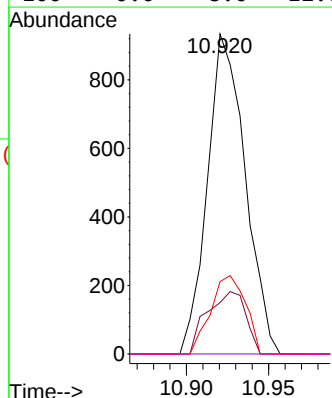
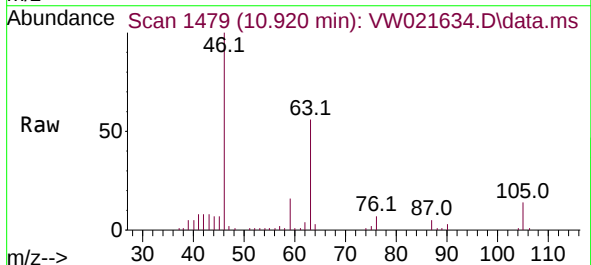
Ion Ratio Lower Upper

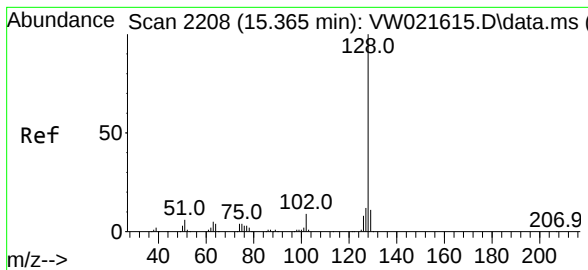
43 100

58 20.0 40.2 60.2#

57 22.6 14.3 21.5#

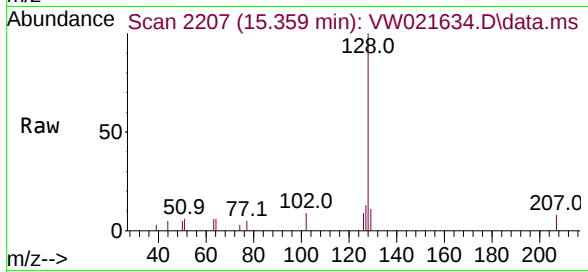
100 0.0 8.0 12.0#





#71  
Naphthalene  
Concen: 0.830 ug/L  
RT: 15.359 min Scan# 21  
Delta R.T. -0.006 min  
Lab File: VW021634.D  
Acq: 24 Dec 2021 00:16

Instrument :  
MSVOA\_W  
ClientSampleId :



Tgt Ion:128 Resp: 2971  
Ion Ratio Lower Upper  
128 100  
127 12.8 10.7 16.1  
129 11.0 8.6 12.8

