

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW060322\  
 Data File : VW023387.D  
 Acq On : 03 Jun 2022 09:55  
 Operator : SY/VA  
 Sample : N3171-07RE  
 Misc : 4.42g/10mL/MSVOA\_W/SOIL  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 DBTZ2

Quant Time: Jun 03 23:33:56 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM060222SMA.M  
 Quant Title : SFAM01.0  
 QLast Update : Fri Jun 03 23:33:12 2022  
 Response via : Initial Calibration

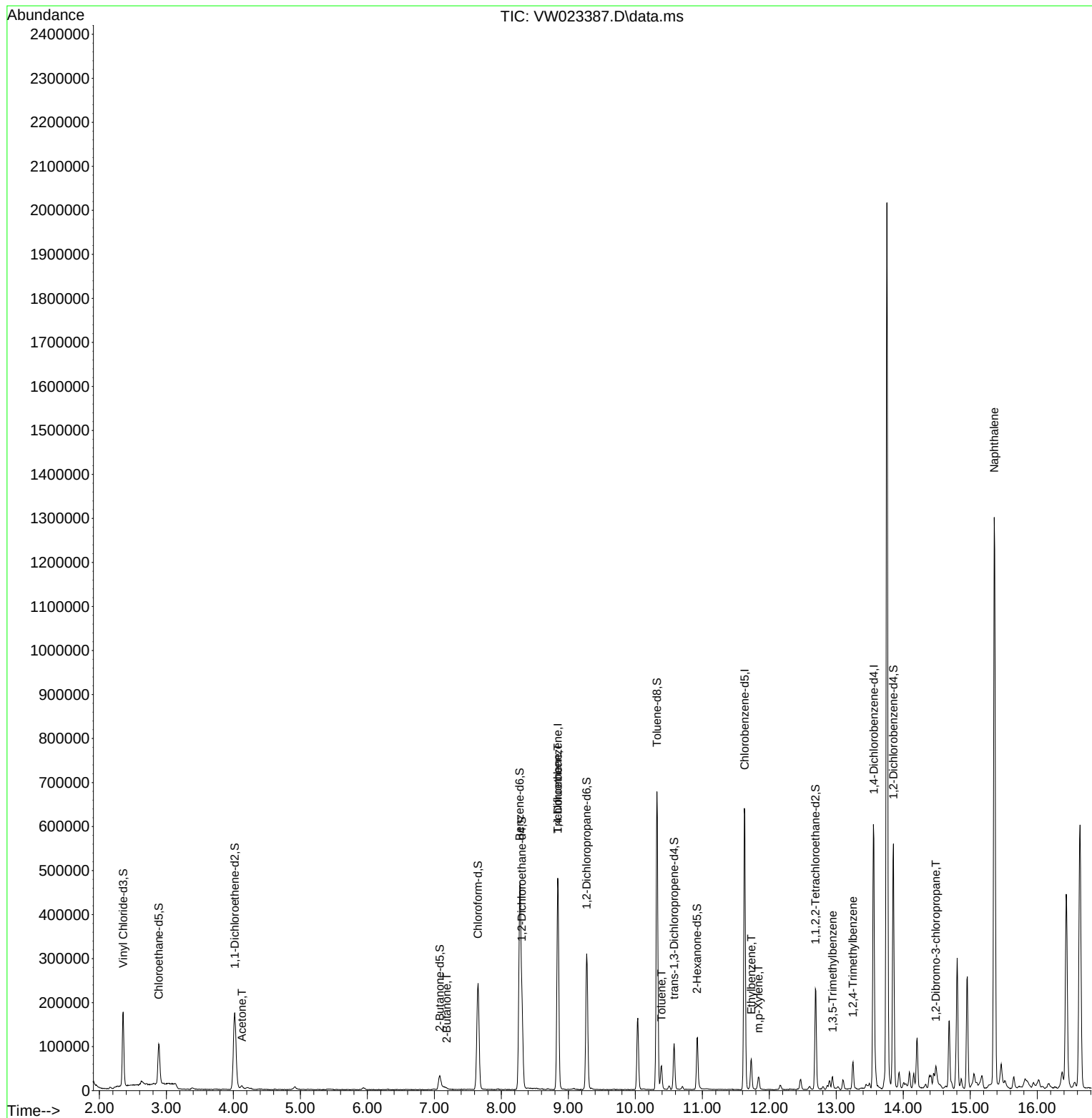
| Compound                      | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|--------|-------|----------|----------|--------|----------|
| -----                         |        |       |          |          |        |          |
| Internal Standards            |        |       |          |          |        |          |
| 1) 1,4-Difluorobenzene        | 8.842  | 114   | 397528   | 25.000   | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 11.634 | 117   | 352317   | 25.000   | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 13.560 | 152   | 146174   | 25.000   | ug/L   | 0.00     |
|                               |        |       |          |          |        |          |
| System Monitoring Compounds   |        |       |          |          |        |          |
| 4) Vinyl Chloride-d3          | 2.355  | 65    | 165440   | 28.142   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 150 | Recovery | =      | 112.560% |
| 7) Chloroethane-d5            | 2.885  | 69    | 105719   | 25.940   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 150 | Recovery | =      | 103.760% |
| 11) 1,1-Dichloroethene-d2     | 4.019  | 63    | 170454   | 18.864   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 45 - 110 | Recovery | =      | 75.440%  |
| 21) 2-Butanone-d5             | 7.080  | 46    | 51309    | 42.529   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 20 - 135 | Recovery | =      | 85.060%  |
| 24) Chloroform-d              | 7.653  | 84    | 242199   | 23.137   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 40 - 150 | Recovery | =      | 92.560%  |
| 26) 1,2-Dichloroethane-d4     | 8.305  | 65    | 132037   | 24.082   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 70 - 130 | Recovery | =      | 96.320%  |
| 32) Benzene-d6                | 8.275  | 84    | 480316   | 25.373   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 20 - 135 | Recovery | =      | 101.480% |
| 36) 1,2-Dichloropropane-d6    | 9.275  | 67    | 138988   | 25.663   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 70 - 120 | Recovery | =      | 102.640% |
| 41) Toluene-d8                | 10.323 | 98    | 450185   | 24.942   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 130 | Recovery | =      | 99.760%  |
| 43) trans-1,3-Dichloroprop... | 10.579 | 79    | 55855    | 23.103   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 135 | Recovery | =      | 92.400%  |
| 47) 2-Hexanone-d5             | 10.921 | 63    | 39258    | 45.122   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 20 - 135 | Recovery | =      | 90.240%  |
| 56) 1,1,2,2-Tetrachloroeth... | 12.689 | 84    | 109301   | 22.882   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 45 - 120 | Recovery | =      | 91.520%  |
| 66) 1,2-Dichlorobenzene-d4    | 13.853 | 152   | 139854   | 27.067   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 75 - 120 | Recovery | =      | 108.280% |
|                               |        |       |          |          |        |          |
| Target Compounds              | Qvalue |       |          |          |        |          |
| 13) Acetone                   | 4.129  | 43    | 12684    | 14.311   | ug/L   | 100      |
| 22) 2-Butanone                | 7.183  | 43    | 3281     | 2.490    | ug/L   | 96       |
| 34) Trichloroethene           | 8.842  | 95    | 12660    | 2.316    | ug/L # | 5        |
| 42) Toluene                   | 10.390 | 91    | 37794    | 1.686    | ug/L   | 96       |
| 52) Ethylbenzene              | 11.731 | 91    | 47718    | 1.938    | ug/L   | 93       |
| 53) m,p-Xylene                | 11.841 | 106   | 8903     | 0.913    | ug/L   | 93       |
| 62) 1,3,5-Trimethylbenzene    | 12.945 | 105   | 13468    | 0.820    | ug/L   | 96       |
| 63) 1,2,4-Trimethylbenzene    | 13.249 | 105   | 33661    | 2.640    | ug/L   | 94       |
| 68) 1,2-Dibromo-3-chloropr... | 14.487 | 75    | 2036     | 3.479    | ug/L # | 6        |
| 71) Naphthalene               | 15.359 | 128   | 1103193  | 122.524  | ug/L   | 100      |
| -----                         |        |       |          |          |        |          |

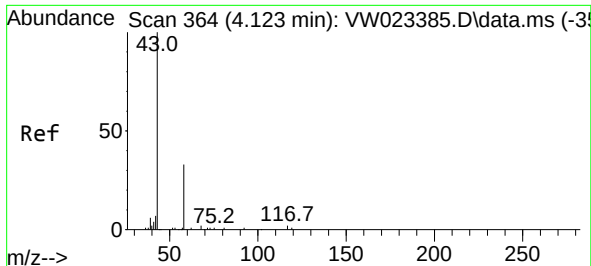
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW060322\  
Data File : VW023387.D  
Acq On : 03 Jun 2022 09:55  
Operator : SY/VA  
Sample : N3171-07RE  
Misc : 4.42g/10mL/MSVOA\_W/SOIL  
ALS Vial : 1 Sample Multiplier: 1

Instrument :  
MSVOA\_W  
ClientSampleId :  
DBTZ2

Quant Time: Jun 03 23:33:56 2022  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM060222SMA.M  
Quant Title : SFAM01.0  
QLast Update : Fri Jun 03 23:33:12 2022  
Response via : Initial Calibration

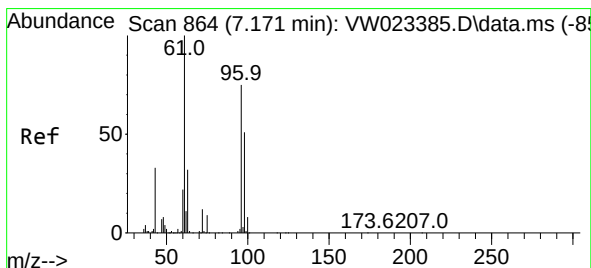
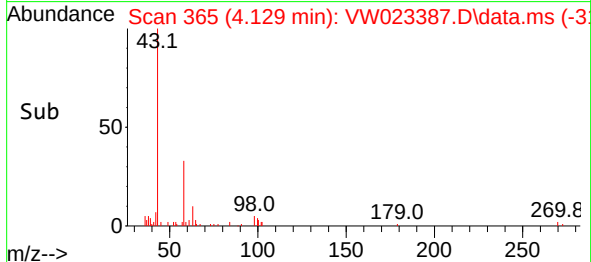
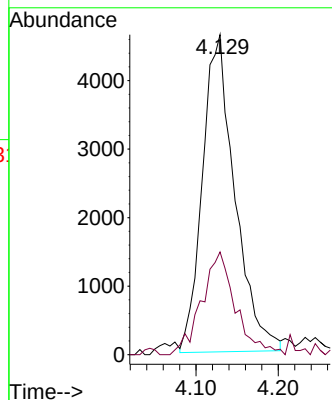
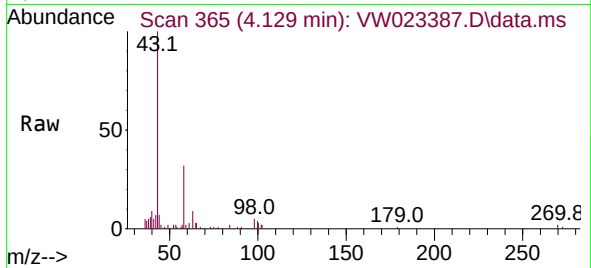




#13  
Acetone  
Concen: 14.311 ug/L  
RT: 4.129 min Scan# 364  
Delta R.T. 0.007 min  
Lab File: VW023387.D  
Acq: 03 Jun 2022 09:55

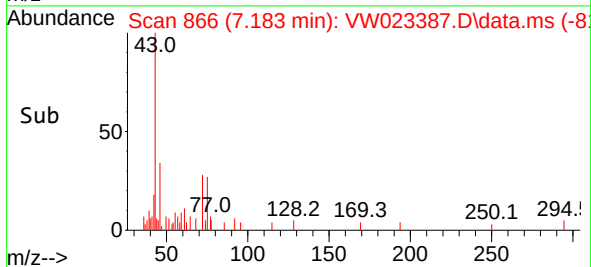
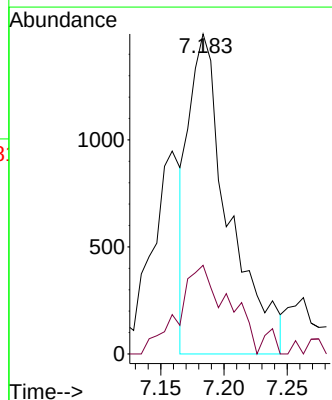
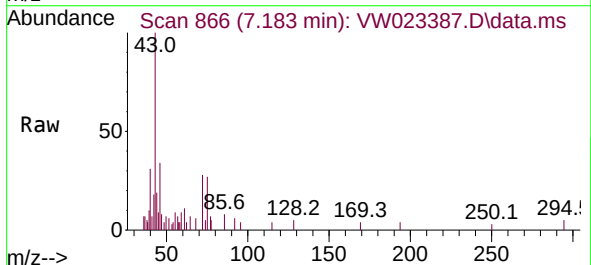
Instrument :  
MSVOA\_W  
ClientSampleId :  
DBTZ2

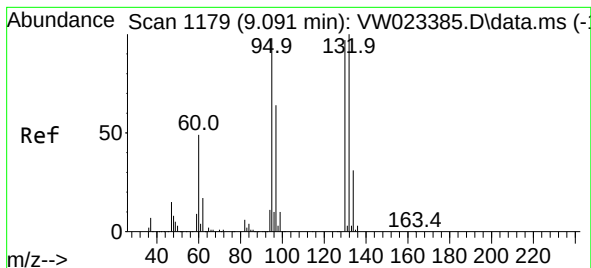
Tgt Ion: 43 Resp: 12684  
Ion Ratio Lower Upper  
43 100  
58 31.7 0.0 64.0



#22  
2-Butanone  
Concen: 2.490 ug/L  
RT: 7.183 min Scan# 866  
Delta R.T. 0.013 min  
Lab File: VW023387.D  
Acq: 03 Jun 2022 09:55

Tgt Ion: 43 Resp: 3281  
Ion Ratio Lower Upper  
43 100  
72 28.3 15.1 45.3





#34

Trichloroethene

Concen: 2.316 ug/L

RT: 8.842 min Scan# 1179

Delta R.T. -0.250 min

Lab File: VW023387.D

Acq: 03 Jun 2022 09:55

Instrument :

MSVOA\_W

ClientSampleId :

DBTZ2

Tgt Ion: 95 Resp: 12660

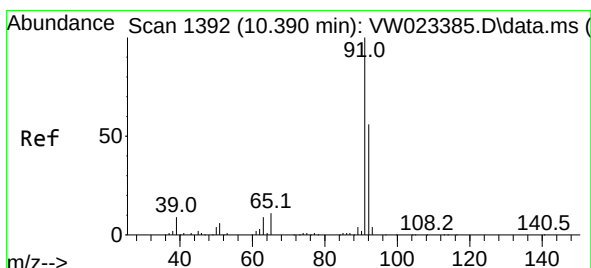
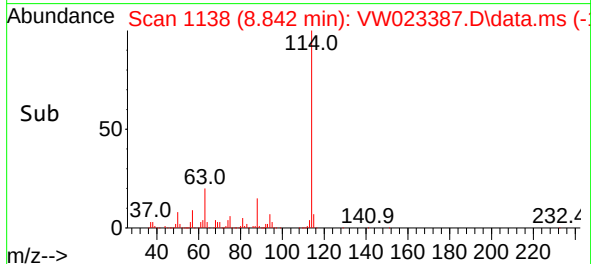
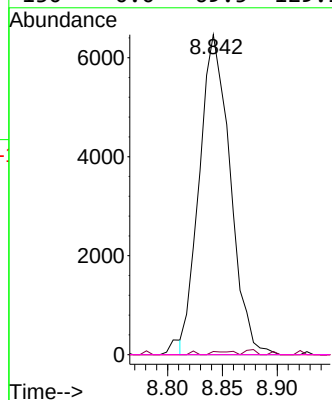
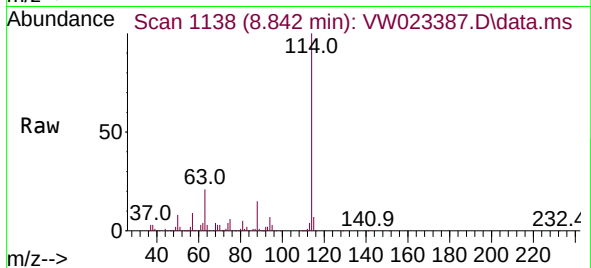
Ion Ratio Lower Upper

95 100

97 1.0 46.1 85.7#

132 0.0 66.9 124.3#

130 0.0 69.5 129.1#



#42

Toluene

Concen: 1.686 ug/L

RT: 10.390 min Scan# 1392

Delta R.T. 0.000 min

Lab File: VW023387.D

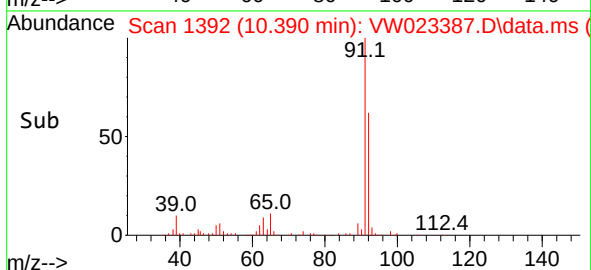
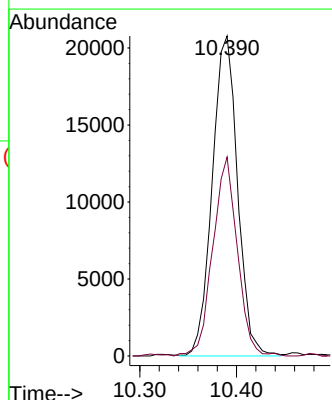
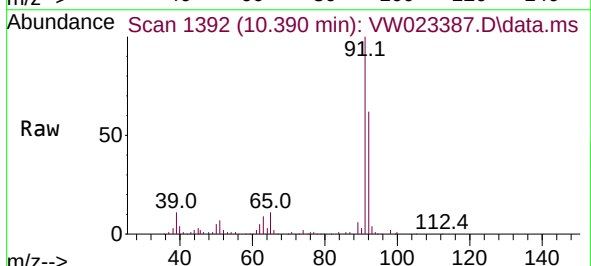
Acq: 03 Jun 2022 09:55

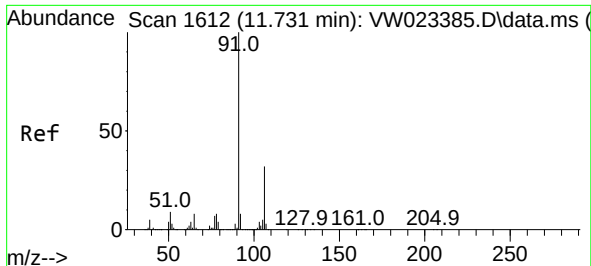
Tgt Ion: 91 Resp: 37794

Ion Ratio Lower Upper

91 100

92 62.1 41.6 77.2

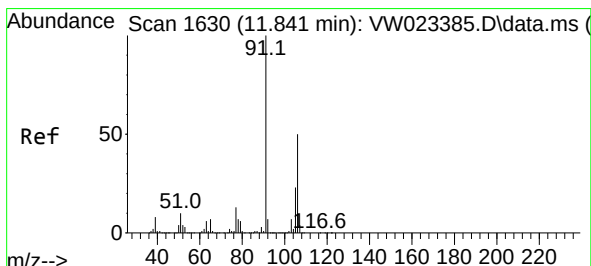
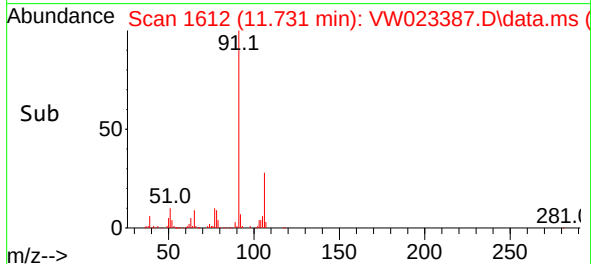
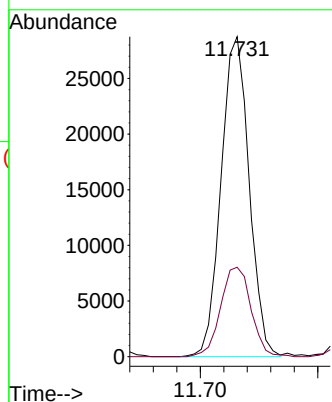
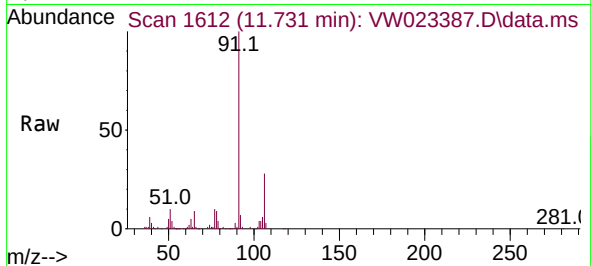




#52  
Ethylbenzene  
Concen: 1.938 ug/L  
RT: 11.731 min Scan# 1612  
Delta R.T. 0.000 min  
Lab File: VW023387.D  
Acq: 03 Jun 2022 09:55

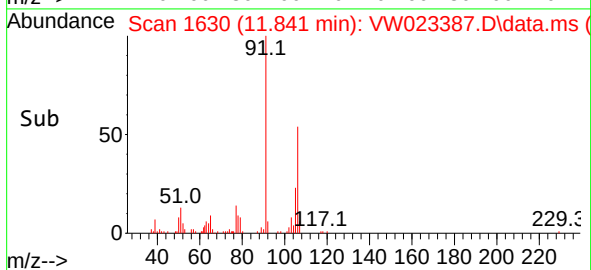
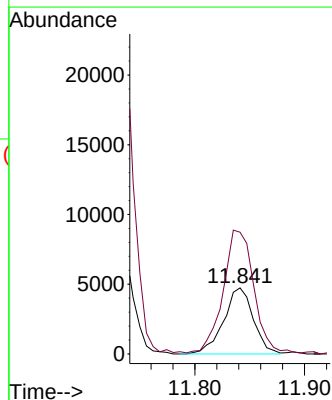
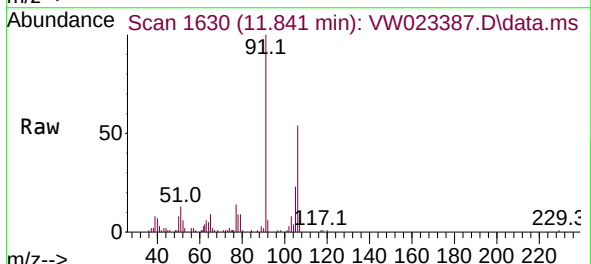
Instrument :  
MSVOA\_W  
ClientSampleId :  
DBTZ2

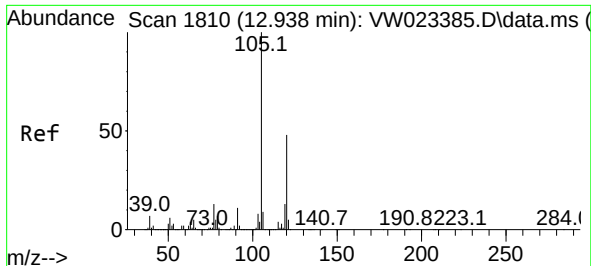
Tgt Ion: 91 Resp: 47718  
Ion Ratio Lower Upper  
91 100  
106 28.0 22.3 41.3



#53  
m,p-Xylene  
Concen: 0.913 ug/L  
RT: 11.841 min Scan# 1630  
Delta R.T. 0.000 min  
Lab File: VW023387.D  
Acq: 03 Jun 2022 09:55

Tgt Ion: 106 Resp: 8903  
Ion Ratio Lower Upper  
106 100  
91 184.3 136.8 254.0





#62

1,3,5-Trimethylbenzene

Concen: 0.820 ug/L

RT: 12.945 min Scan# 1810

Delta R.T. 0.007 min

Lab File: VW023387.D

Acq: 03 Jun 2022 09:55

Instrument :

MSVOA\_W

ClientSampleId :

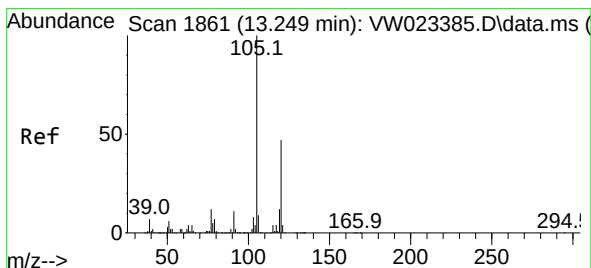
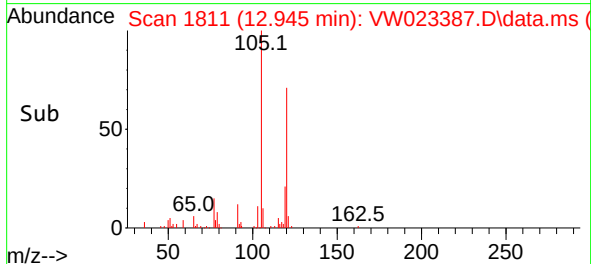
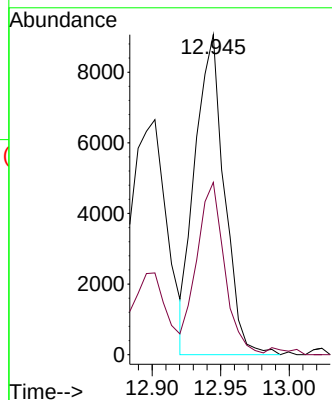
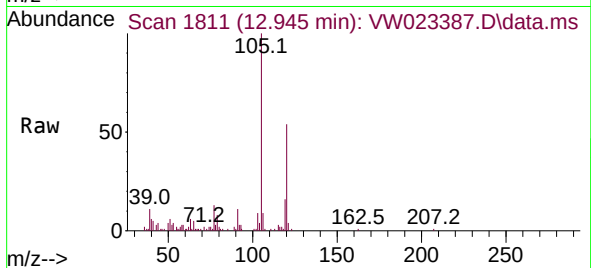
DBTZ2

Tgt Ion:105 Resp: 13468

Ion Ratio Lower Upper

105 100

120 51.1 38.9 58.3



#63

1,2,4-Trimethylbenzene

Concen: 2.640 ug/L

RT: 13.249 min Scan# 1861

Delta R.T. 0.000 min

Lab File: VW023387.D

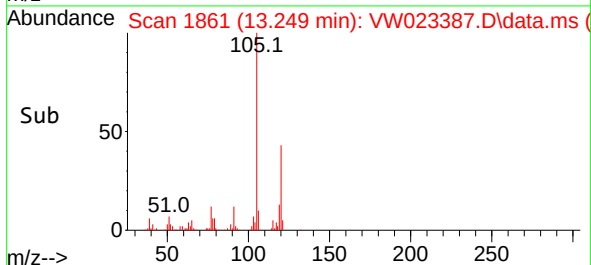
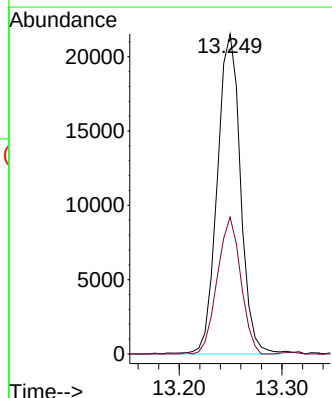
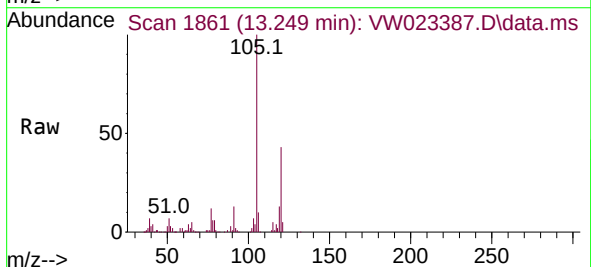
Acq: 03 Jun 2022 09:55

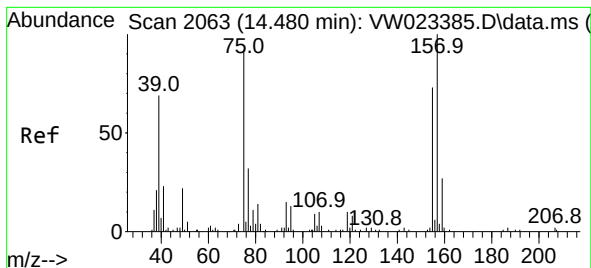
Tgt Ion:105 Resp: 33661

Ion Ratio Lower Upper

105 100

120 43.1 37.4 56.2





#68

1,2-Dibromo-3-chloropropane

Concen: 3.479 ug/L

RT: 14.487 min Scan# 2063

Delta R.T. 0.007 min

Lab File: VW023387.D

Acq: 03 Jun 2022 09:55

Instrument :

MSVOA\_W

ClientSampleId :

DBTZ2

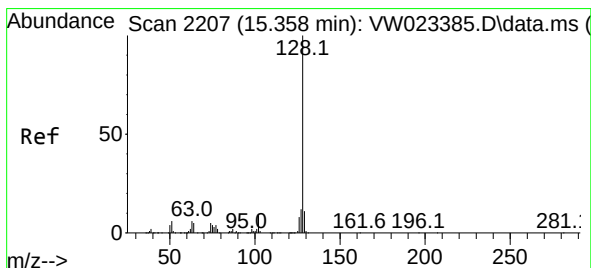
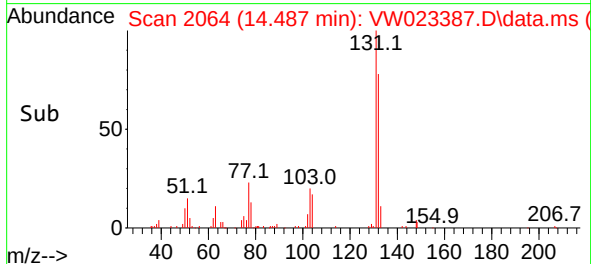
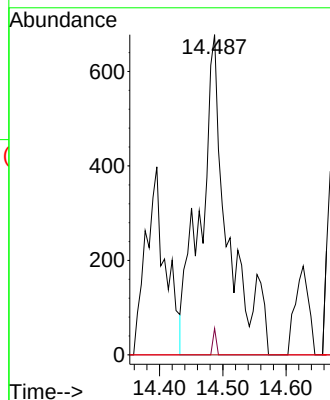
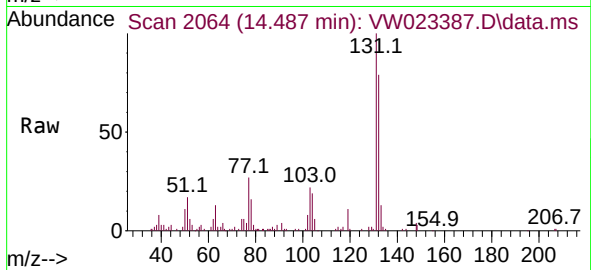
Tgt Ion: 75 Resp: 2036

Ion Ratio Lower Upper

75 100

155 8.3 59.3 88.9#

157 0.0 89.8 134.8#



#71

Naphthalene

Concen: 122.524 ug/L

RT: 15.359 min Scan# 2207

Delta R.T. 0.000 min

Lab File: VW023387.D

Acq: 03 Jun 2022 09:55

Tgt Ion: 128 Resp: 1103193

Ion Ratio Lower Upper

128 100

127 13.3 10.6 16.0

129 10.9 8.7 13.1

