

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX061618\  
 Data File : VX002672.D  
 Acq On : 17 Jun 2018 02:29  
 Operator : JC/MD  
 Sample : J3469-01  
 Misc : 5.0mL/MSVOA X/WATER  
 ALS Vial : 22 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 OILY-WATER

Quant Time: Jun 18 01:43:11 2018  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_X\METHOD\82X061518W.M  
 Quant Title : SW846 8260  
 QLast Update : Sat Jun 16 01:37:33 2018  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) Pentafluorobenzene      | 5.67  | 168  | 207900   | 50.00 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 6.87  | 114  | 298454   | 50.00 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 10.12 | 117  | 276262   | 50.00 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 12.09 | 152  | 148296   | 50.00 | ug/l  | 0.00     |

## System Monitoring Compounds

|                           |        |     |          |       |        |      |
|---------------------------|--------|-----|----------|-------|--------|------|
| 33) 1,2-Dichloroethane-d4 | 6.07   | 65  | 142898   | 45.23 | ug/l   | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 90.46% |      |
| 35) Dibromofluoromethane  | 5.51   | 113 | 109132   | 45.82 | ug/l   | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 91.64% |      |
| 50) Toluene-d8            | 8.72   | 98  | 426835   | 47.19 | ug/l   | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 94.38% |      |
| 62) 4-Bromofluorobenzene  | 11.14  | 95  | 144190   | 42.07 | ug/l   | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 84.14% |      |

## Target Compounds

|                                |       |     |       |        |        | Qvalue |
|--------------------------------|-------|-----|-------|--------|--------|--------|
| 5) Bromomethane                | 1.64  | 94  | 1260  | 0.766  | ug/l   | 84     |
| 10) Methyl Iodide              | 2.53  | 142 | 796   | 5.395  | ug/l # | 83     |
| 13) Acrolein                   | 2.29  | 56  | 147   | 7.330  | ug/l # | 14     |
| 15) Acrylonitrile              | 3.18  | 53  | 386   | 0.271  | ug/l # | 34     |
| 16) Acetone                    | 2.45  | 43  | 3447  | 2.473  | ug/l   | 95     |
| 17) Carbon Disulfide           | 2.57  | 76  | 1180  | 0.214  | ug/l # | 64     |
| 18) Methyl Acetate             | 2.79  | 43  | 1574  | 0.424  | ug/l   | 94     |
| 20) Methylene Chloride         | 2.87  | 84  | 1086  | 0.380  | ug/l # | 93     |
| 25) 2-Butanone                 | 4.71  | 43  | 465   | 0.254  | ug/l # | 69     |
| 32) 1,1,1-Trichloroethane      | 5.51  | 97  | 1571  | 0.430  | ug/l # | 49     |
| 36) 1,1-Dichloropropene        | 5.67  | 75  | 14431 | 4.553  | ug/l # | 50     |
| 37) Ethyl Acetate              | 4.87  | 43  | 4029  | 1.123  | ug/l   | 96     |
| 38) Carbon Tetrachloride       | 5.67  | 117 | 18792 | 5.954  | ug/l # | 15     |
| 39) Methylcyclohexane          | 7.46  | 83  | 1121  | 0.303  | ug/l   | 87     |
| 52) Toluene                    | 8.79  | 92  | 65802 | 10.853 | ug/l   | 99     |
| 53) t-1,3-Dichloropropene      | 8.40  | 75  | 19    | 2.398  | ug/l # | 43     |
| 54) cis-1,3-Dichloropropene    | 8.79  | 75  | 887   | 3.435  | ug/l # | 1      |
| 60) Dibromochloromethane       | 9.33  | 129 | 397   | 3.894  | ug/l # | 11     |
| 67) Ethyl Benzene              | 10.26 | 91  | 35086 | 3.066  | ug/l   | 99     |
| 68) m/p-Xylenes                | 10.36 | 106 | 48701 | 11.033 | ug/l   | 99     |
| 69) o-Xylene                   | 10.70 | 106 | 13361 | 3.081  | ug/l   | 94     |
| 73) Isopropylbenzene           | 11.02 | 105 | 2367  | 0.239  | ug/l   | 81     |
| 76) 1,2,3-Trichloropropane     | 11.14 | 75  | 78123 | 27.918 | ug/l # | 33     |
| 78) n-propylbenzene            | 11.37 | 91  | 2354  | 0.207  | ug/l   | 96     |
| 79) 2-Chlorotoluene            | 11.43 | 91  | 1475  | 0.217  | ug/l # | 39     |
| 80) 1,3,5-Trimethylbenzene     | 11.51 | 105 | 3917  | 0.467  | ug/l   | 89     |
| 81) trans-1,4-Dichloro-2-buten | 11.14 | 75  | 78123 | 86.040 | ug/l # | 7      |
| 84) 1,2,4-Trimethylbenzene     | 11.81 | 105 | 9527  | 1.114  | ug/l   | 98     |
| 86) p-Isopropyltoluene         | 12.07 | 119 | 16408 | 1.806  | ug/l   | 96     |
| 89) n-Butylbenzene             | 12.39 | 91  | 2180  | 0.272  | ug/l # | 41     |
| 90) Hexachloroethane           | 12.59 | 117 | 405   | 2.896  | ug/l # | 1      |
| 95) Naphthalene                | 13.84 | 128 | 4683  | 0.470  | ug/l # | 90     |

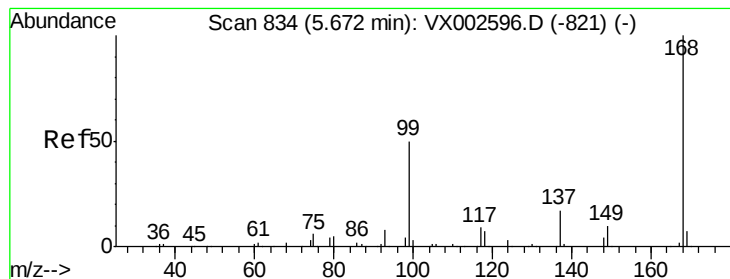
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX061618\  
Data File : VX002672.D  
Acq On : 17 Jun 2018 02:29  
Operator : JC/MD  
Sample : J3469-01  
Misc : 5.0mL/MSVOA X/WATER  
ALS Vial : 22 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :  
OILY-WATER

Quant Time: Jun 18 01:43:11 2018  
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_X\METHOD\82X061518W.M  
Quant Title : SW846 8260  
QLast Update : Sat Jun 16 01:37:33 2018  
Response via : Initial Calibration

| Internal Standards                                                         | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|----------------------------------------------------------------------------|------|------|----------|------|-------|----------|
| -----                                                                      |      |      |          |      |       |          |
| (#) = qualifier out of range (m) = manual integration (+) = signals summed |      |      |          |      |       |          |





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 833

Delta R.T. -0.01 min

Lab File: VX002672.D

Acq: 17 Jun 2018 02:29

Instrument :

MSVOA\_X

ClientSampleId :

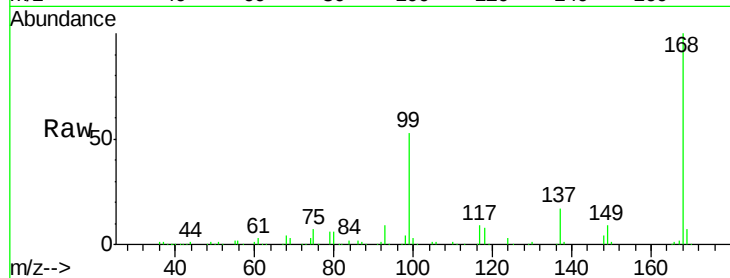
OILY-WATER

Tot Ion:168 Resp: 207900

Ion Ratio Lower Upper

168 100

99 53.3 39.3 58.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

80000

60000

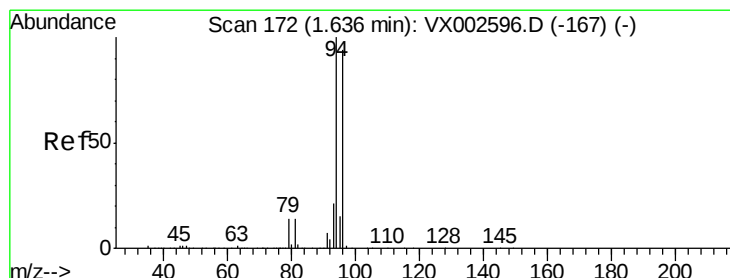
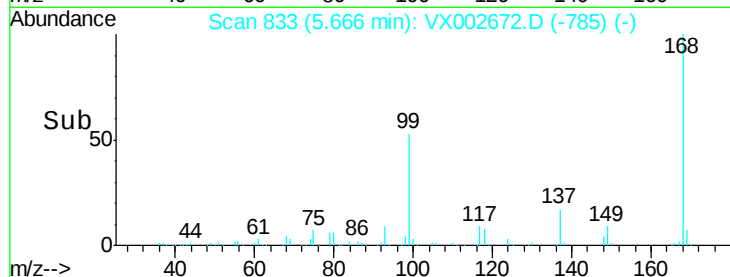
40000

20000

0

Time-->

5.60 5.70 5.80



#5

Bromomethane

Concen: 0.766 ug/l

RT: 1.64 min Scan# 173

Delta R.T. 0.01 min

Lab File: VX002672.D

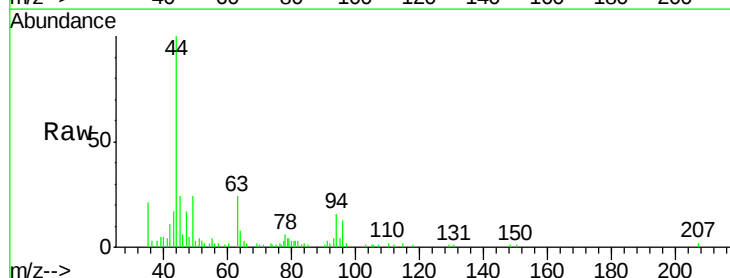
Acq: 17 Jun 2018 02:29

Tgt Ion: 94 Resp: 1260

Ion Ratio Lower Upper

94 100

96 78.6 74.9 112.3



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

1.64

800

600

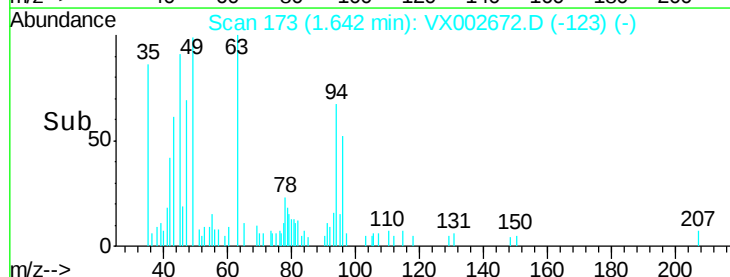
400

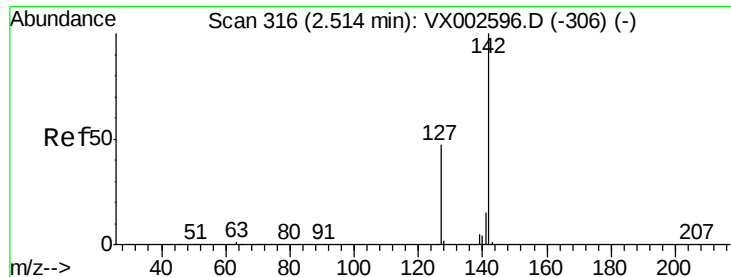
200

0

Time-->

1.60 1.65 1.70

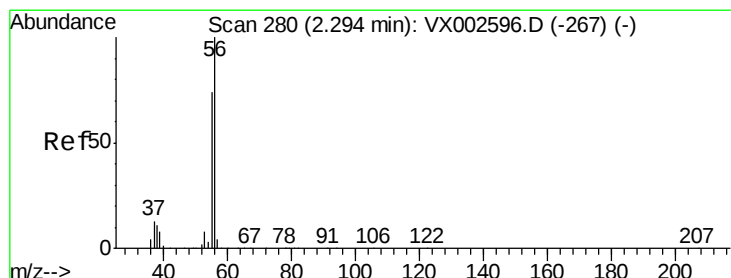
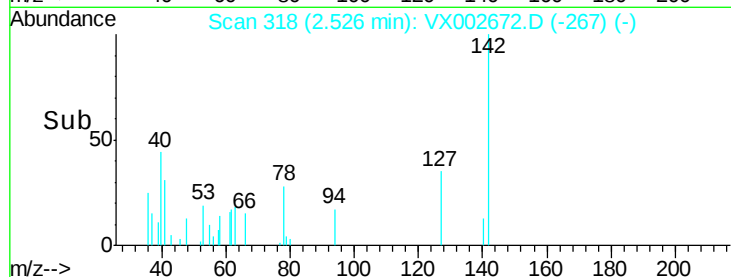
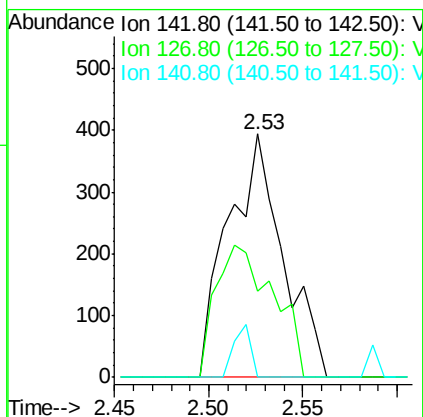
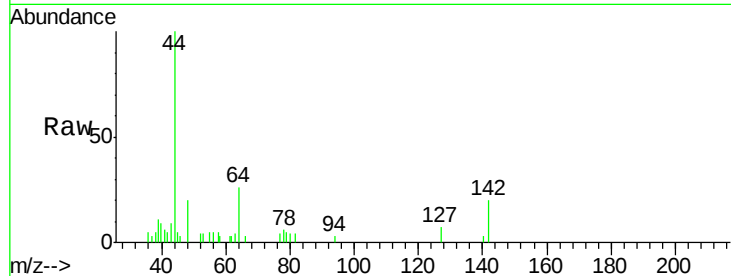




#10  
Methvl Iodide  
Concen: 5.395 ug/l  
RT: 2.53 min Scan# 318  
Delta R.T. 0.01 min  
Lab File: VX002672.D  
Acq: 17 Jun 2018 02:29

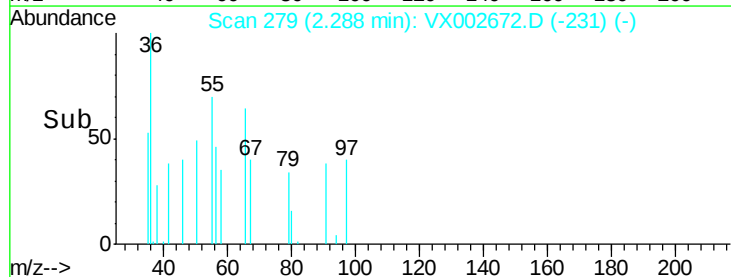
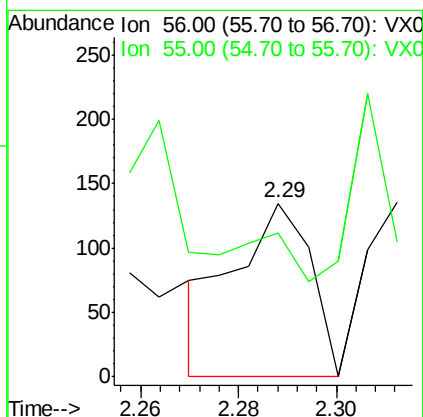
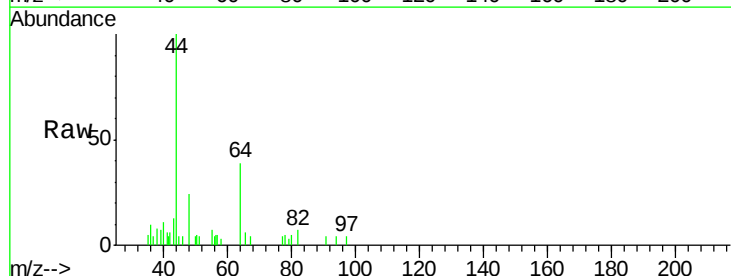
Instrument :  
MSVOA\_X  
ClientSampled :  
OILY-WATER

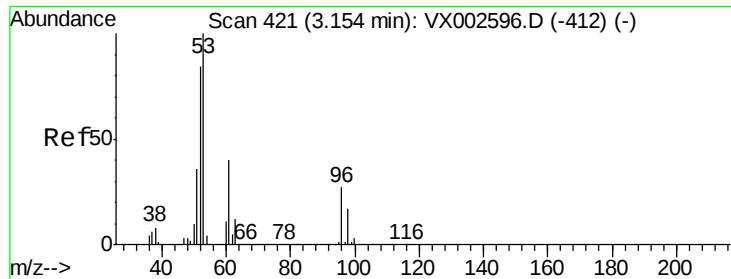
Tot Ion:142 Resp: 796  
Ion Ratio Lower Upper  
142 100  
127 56.9 36.6 55.0#  
141 6.7 11.3 16.9#



#13  
Acrolein  
Concen: 7.330 ug/l  
RT: 2.29 min Scan# 279  
Delta R.T. -0.01 min  
Lab File: VX002672.D  
Acq: 17 Jun 2018 02:29

Tgt Ion: 56 Resp: 147  
Ion Ratio Lower Upper  
56 100  
55 0.0 57.0 85.4#





#15

Acrylonitrile

Concen: 0.271 ug/l

RT: 3.18 min Scan# 425

Delta R.T. 0.02 min

Lab File: VX002672.D

Acq: 17 Jun 2018 02:29

Instrument :

MSVOA\_X

ClientSampleId :

OILY-WATER

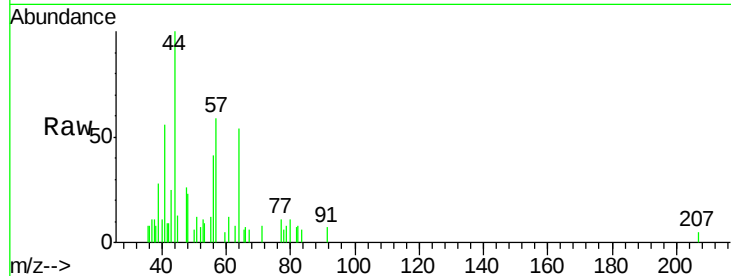
Tot Ion: 53 Resp: 386

Ion Ratio Lower Upper

53 100

52 0.0 66.7 100.1#

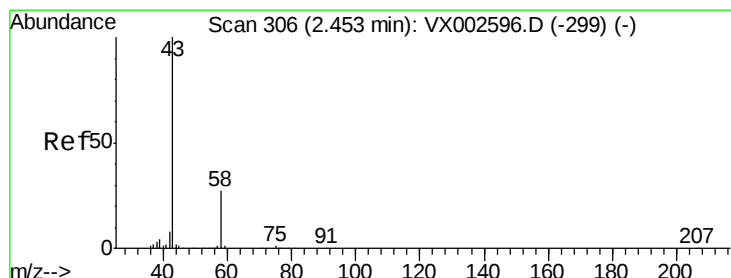
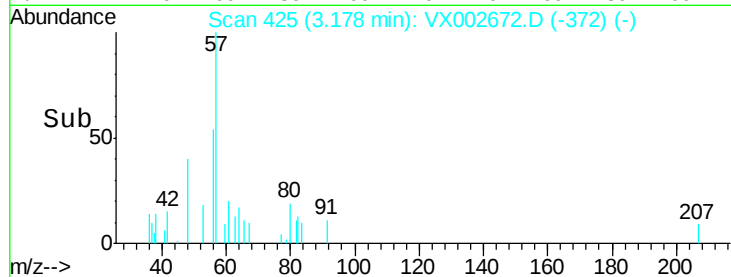
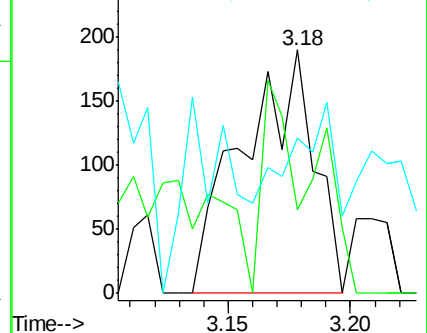
51 41.7 29.9 44.9



Abundance Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0



#16

Acetone

Concen: 2.473 ug/l

RT: 2.45 min Scan# 306

Delta R.T. 0.00 min

Lab File: VX002672.D

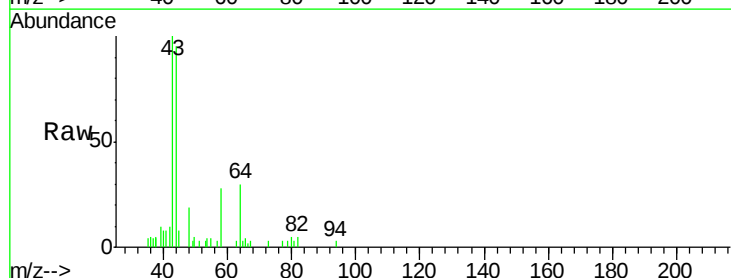
Acq: 17 Jun 2018 02:29

Tgt Ion: 43 Resp: 3447

Ion Ratio Lower Upper

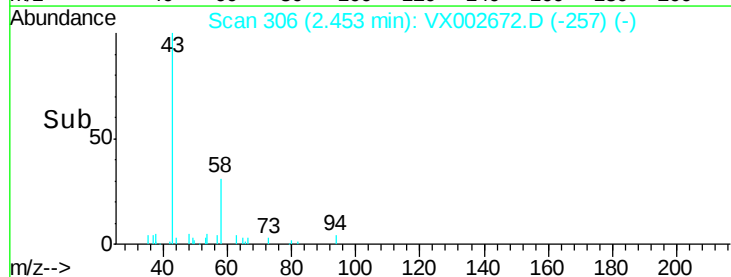
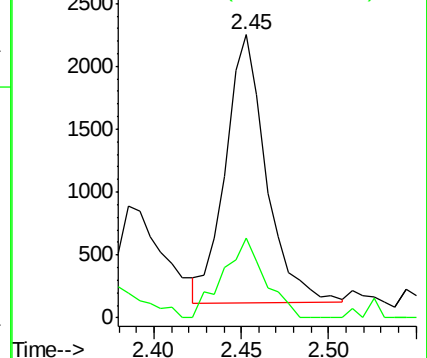
43 100

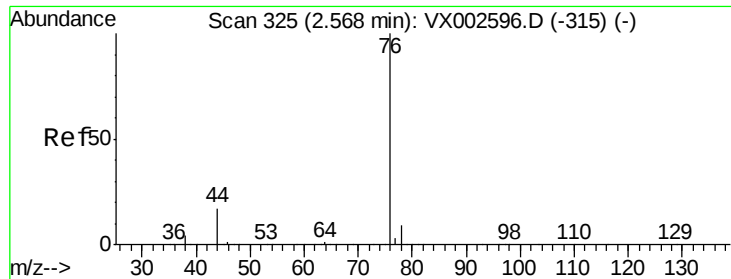
58 30.2 22.1 33.1



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#17

Carbon Disulfide

Concen: 0.214 ug/l

RT: 2.57 min Scan# 325

Delta R.T. 0.00 min

Lab File: VX002672.D

Acq: 17 Jun 2018 02:29

Instrument :

MSVOA\_X

ClientSampleId :

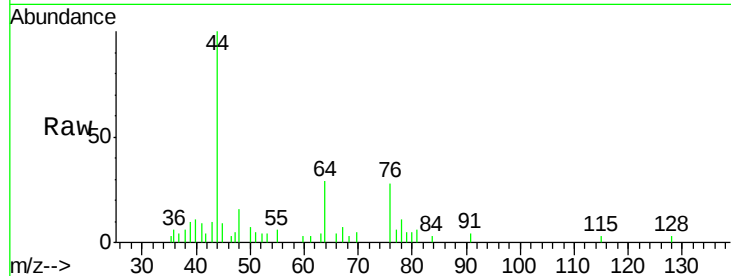
OILY-WATER

Tot Ion: 76 Resp: 1180

Ion Ratio Lower Upper

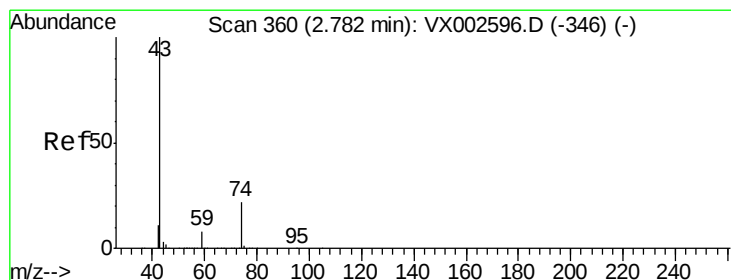
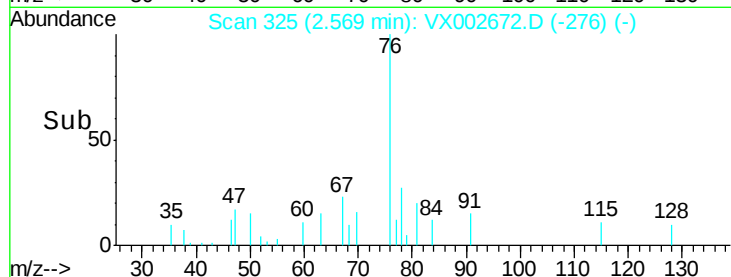
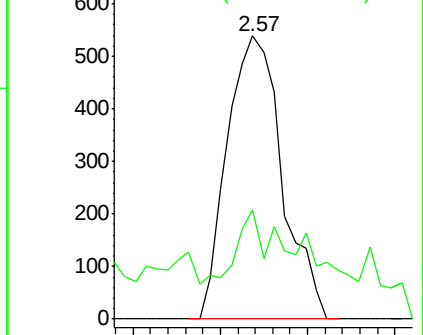
76 100

78 21.4 6.9 10.3#



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 0.424 ug/l

RT: 2.79 min Scan# 361

Delta R.T. 0.01 min

Lab File: VX002672.D

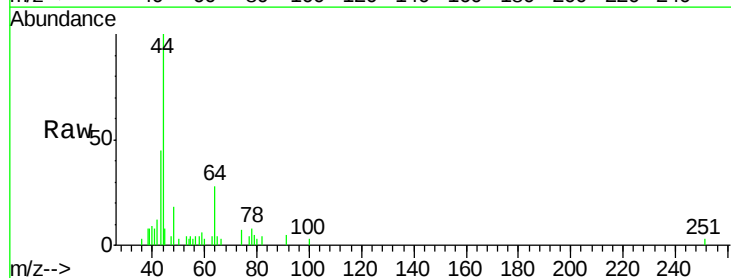
Acq: 17 Jun 2018 02:29

Tgt Ion: 43 Resp: 1574

Ion Ratio Lower Upper

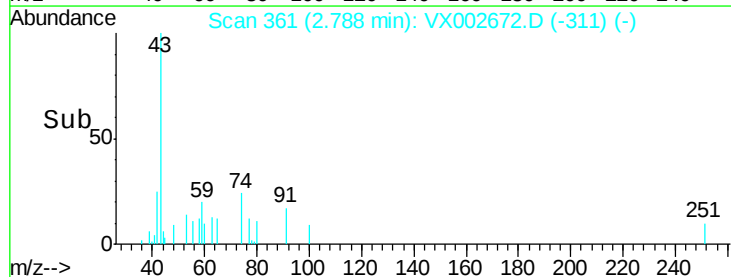
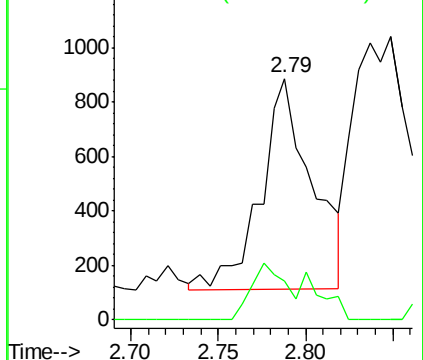
43 100

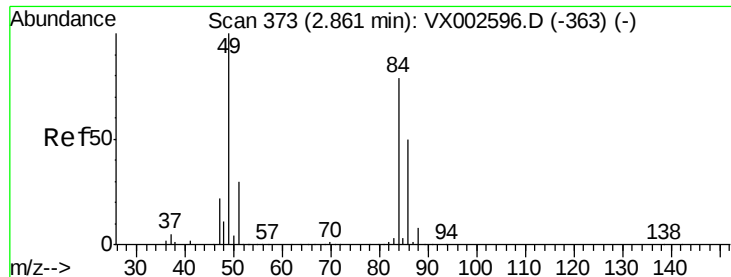
74 18.2 16.7 25.1



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

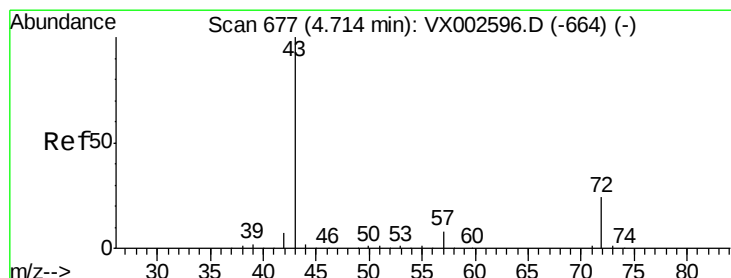
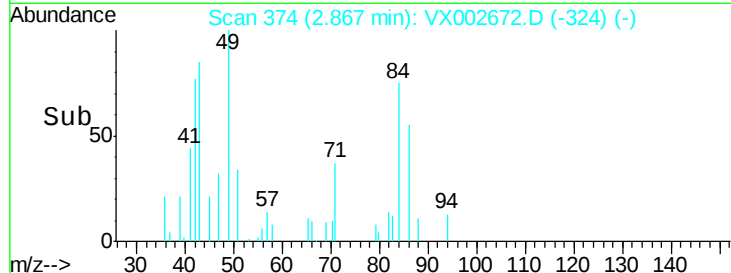
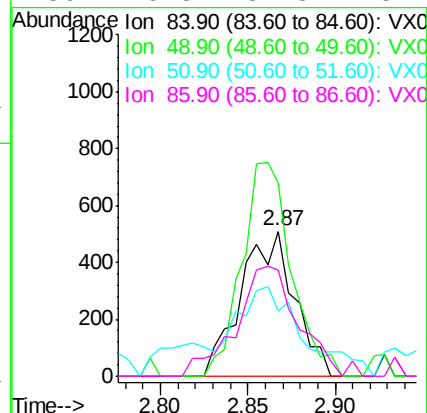
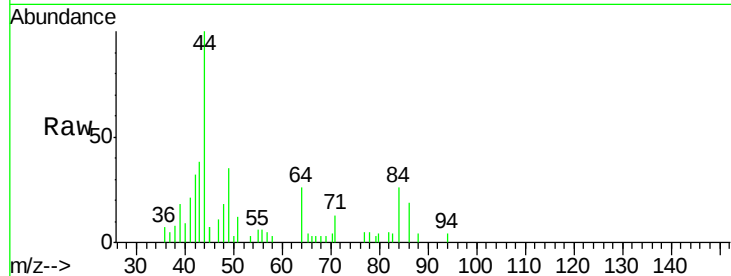




#20  
Methvlene Chloride  
Concen: 0.380 ug/l  
RT: 2.87 min Scan# 374  
Delta R.T. 0.01 min  
Lab File: VX002672.D  
Acq: 17 Jun 2018 02:29

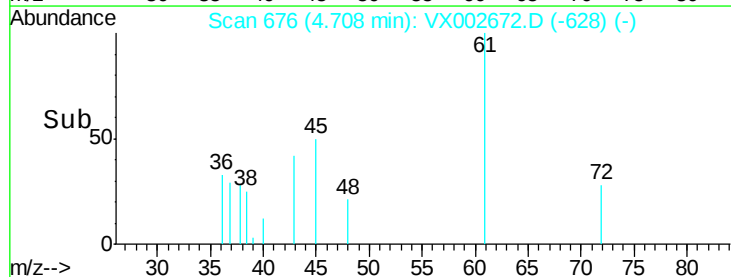
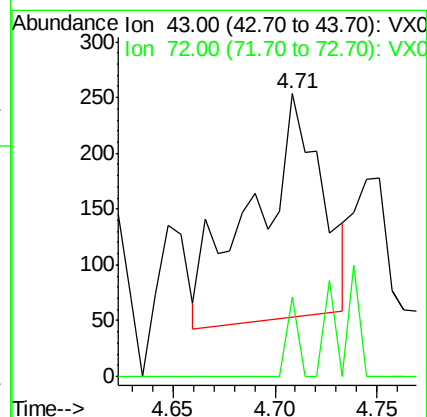
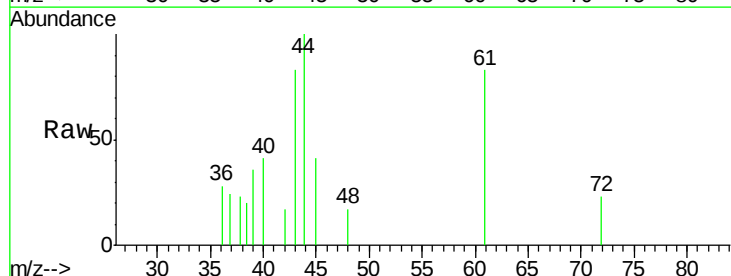
Instrument :  
MSVOA\_X  
ClientSampleId :  
OILY-WATER

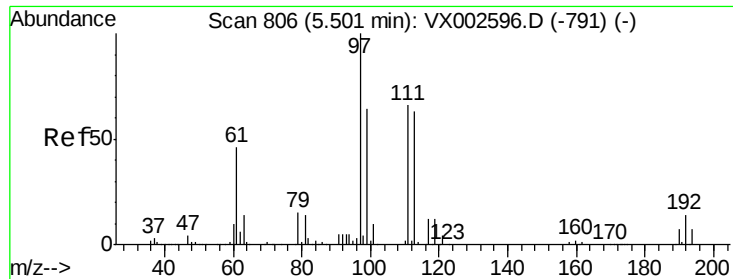
Tot Ion: 84 Resp: 1086  
Ion Ratio Lower Upper  
84 100  
49 133.8 107.8 161.6  
51 28.3 32.8 49.2#  
86 73.3 52.5 78.7



#25  
2-Butanone  
Concen: 0.254 ug/l  
RT: 4.71 min Scan# 676  
Delta R.T. -0.01 min  
Lab File: VX002672.D  
Acq: 17 Jun 2018 02:29

Tgt Ion: 43 Resp: 465  
Ion Ratio Lower Upper  
43 100  
72 38.0 18.5 27.7#





#32

1,1,1-Trichloroethane

Concen: 0.430 ug/l

RT: 5.51 min Scan# 807

Delta R.T. 0.01 min

Lab File: VX002672.D

Acq: 17 Jun 2018 02:29

Instrument :

MSVOA\_X

ClientSampled :

OILY-WATER

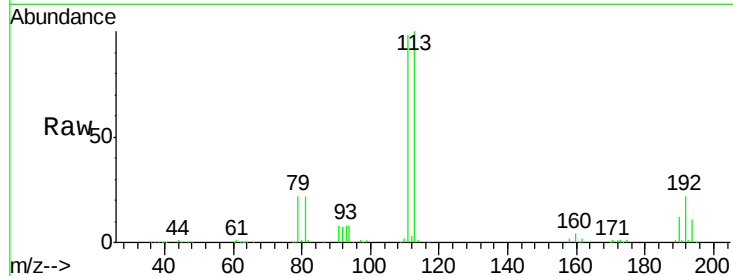
Tot Ion: 97 Resp: 1571

Ion Ratio Lower Upper

97 100

99 0.0 51.6 77.4#

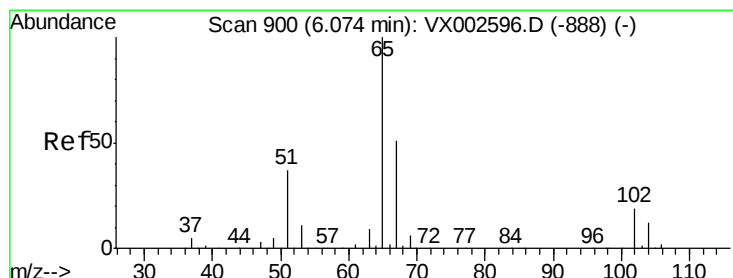
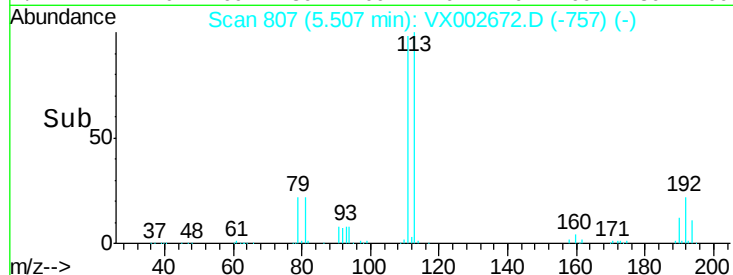
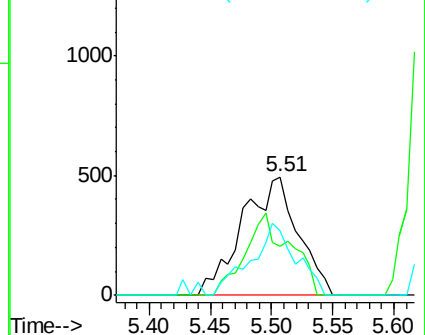
61 49.3 36.4 54.6



Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 98.90 (98.60 to 99.60): VX0

Ion 60.90 (60.60 to 61.60): VX0



#33

1,2-Dichloroethane-d4

Concen: 45.231 ug/l

RT: 6.07 min Scan# 900

Delta R.T. 0.00 min

Lab File: VX002672.D

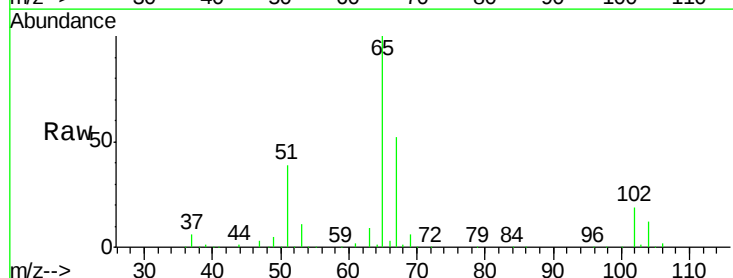
Acq: 17 Jun 2018 02:29

Tgt Ion: 65 Resp: 142898

Ion Ratio Lower Upper

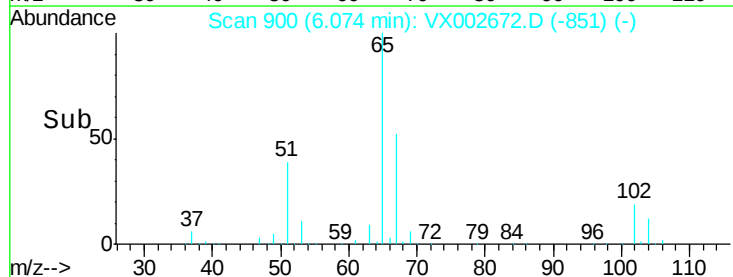
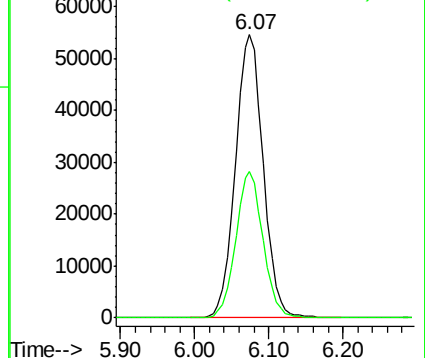
65 100

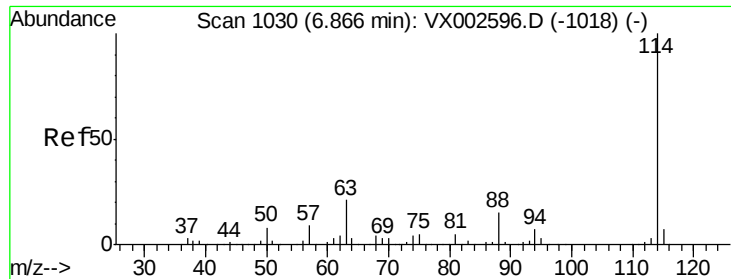
67 50.5 0.0 102.6



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

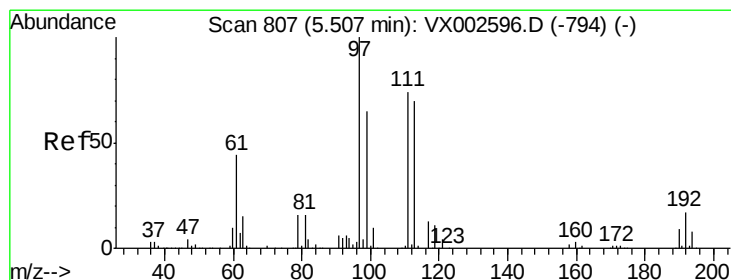
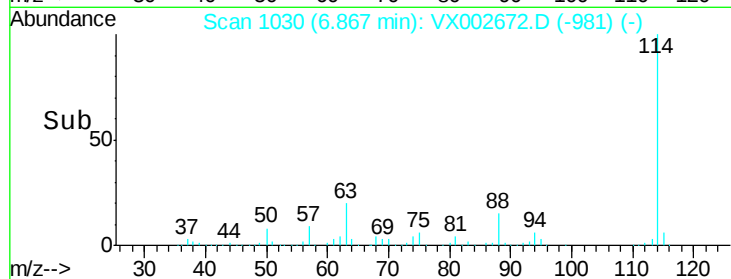
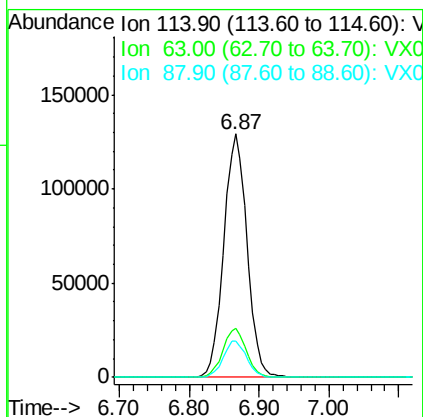
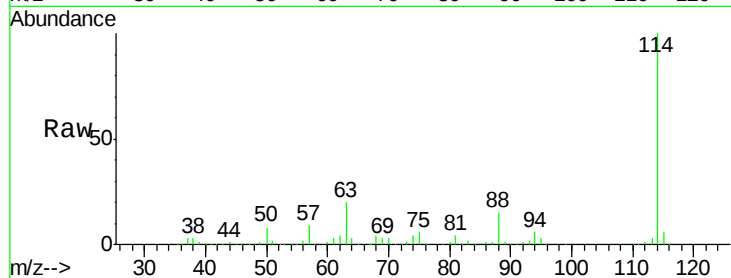




#34  
 1,4-Difluorobenzene  
 Concen: 50.000 ug/l  
 RT: 6.87 min Scan# 1030  
 Delta R.T. 0.00 min  
 Lab File: VX002672.D  
 Acq: 17 Jun 2018 02:29

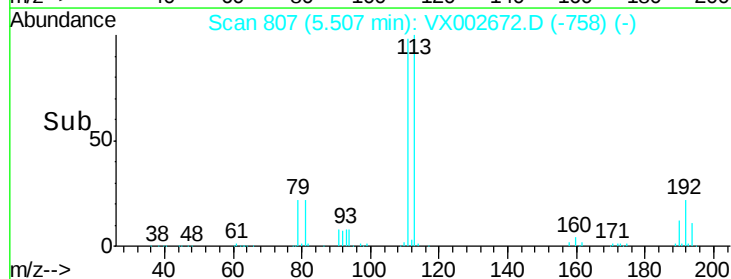
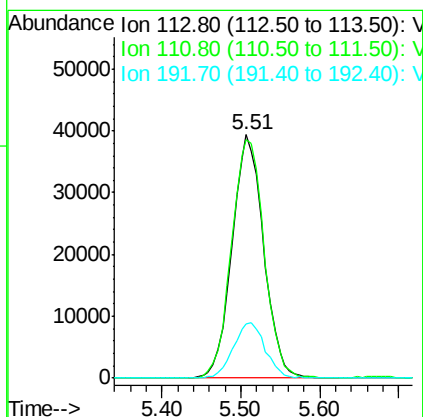
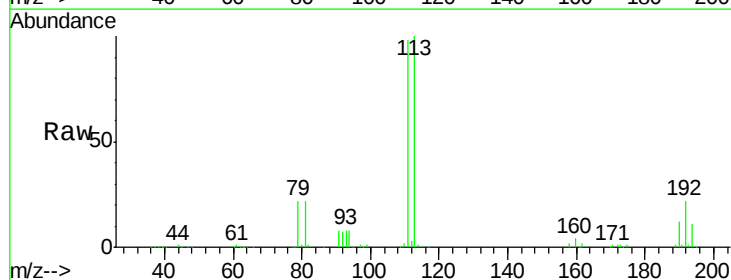
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 OILY-WATER

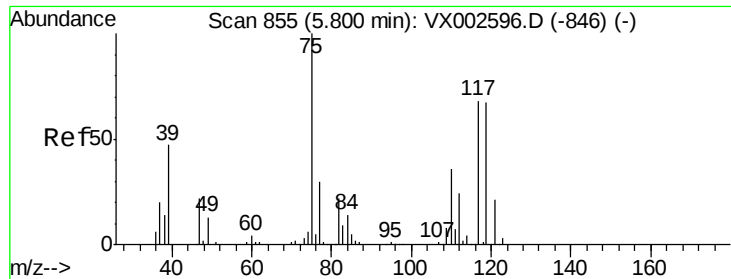
Tot Ion:114 Resp: 298454  
 Ion Ratio Lower Upper  
 114 100  
 63 20.0 0.0 41.4  
 88 14.8 0.0 30.0



#35  
 Dibromofluoromethane  
 Concen: 45.816 ug/l  
 RT: 5.51 min Scan# 807  
 Delta R.T. 0.00 min  
 Lab File: VX002672.D  
 Acq: 17 Jun 2018 02:29

Tgt Ion:113 Resp: 109132  
 Ion Ratio Lower Upper  
 113 100  
 111 101.7 81.4 122.0  
 192 23.2 19.1 28.7

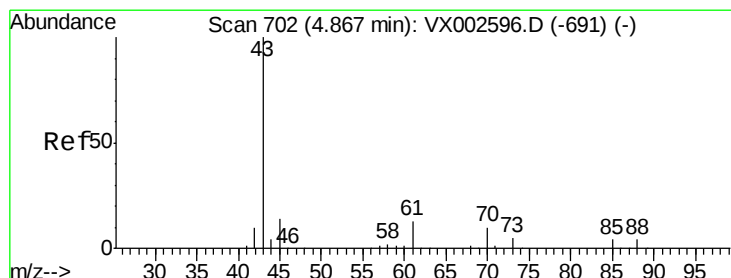
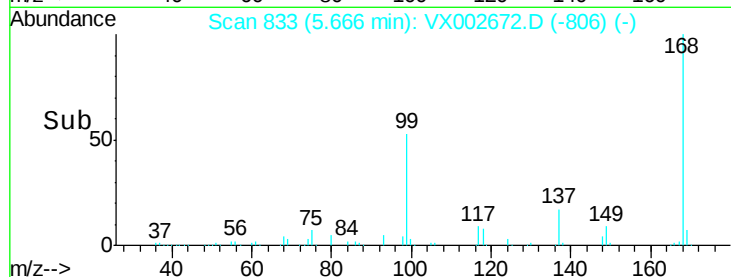
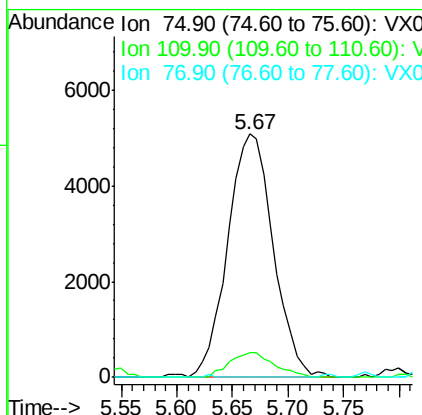
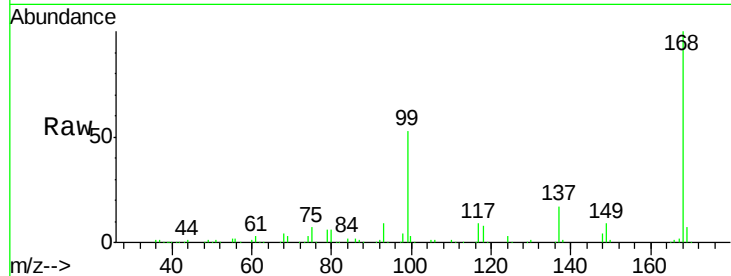




#36  
 1,1-Dichloropropene  
 Concen: 4.553 ug/l  
 RT: 5.67 min Scan# 833  
 Delta R.T. -0.13 min  
 Lab File: VX002672.D  
 Acq: 17 Jun 2018 02:29

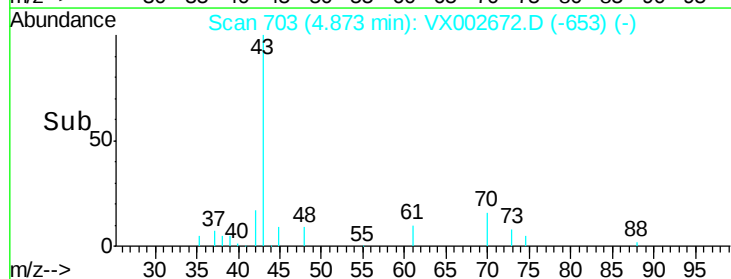
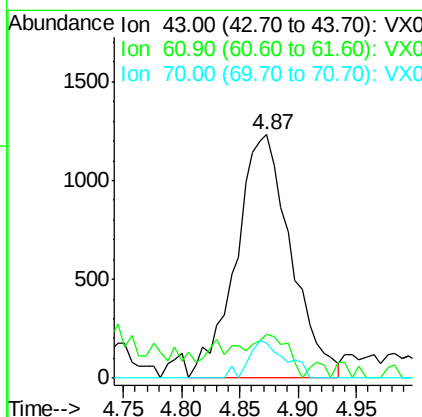
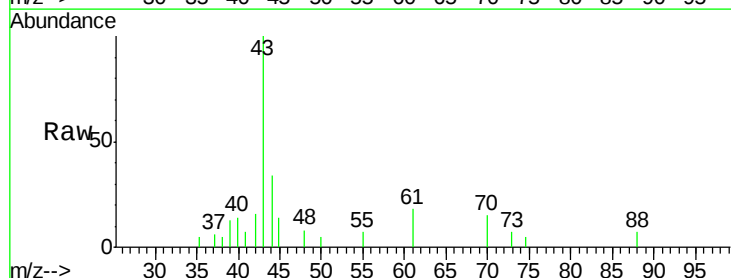
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 OILY-WATER

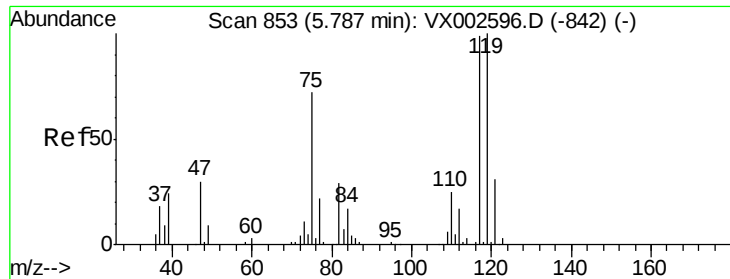
| Tot Ion   | 75    | Resp  | 14431 |
|-----------|-------|-------|-------|
| Ion Ratio | Lower | Upper |       |
| 75        | 100   |       |       |
| 110       | 9.9   | 18.1  | 54.4# |
| 77        | 0.0   | 24.3  | 36.5# |



#37  
 Ethyl Acetate  
 Concen: 1.123 ug/l  
 RT: 4.87 min Scan# 703  
 Delta R.T. 0.01 min  
 Lab File: VX002672.D  
 Acq: 17 Jun 2018 02:29

| Tgt Ion   | 43    | Resp  | 4029 |
|-----------|-------|-------|------|
| Ion Ratio | Lower | Upper |      |
| 43        | 100   |       |      |
| 61        | 11.2  | 10.4  | 15.6 |
| 70        | 10.4  | 7.6   | 11.4 |





#38

Carbon Tetrachloride

Concen: 5.954 ug/l

RT: 5.67 min Scan# 834

Delta R.T. -0.12 min

Lab File: VX002672.D

Acq: 17 Jun 2018 02:29

Instrument :

MSVOA\_X

ClientSampled :

OILY-WATER

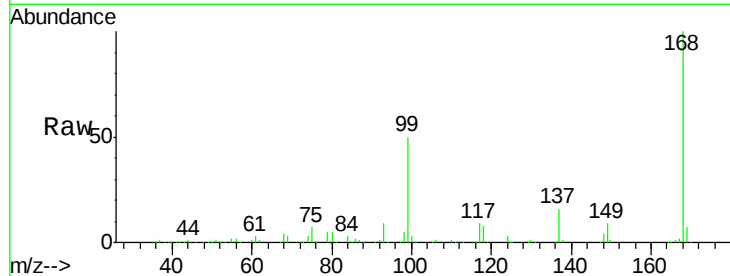
Tot Ion:117 Resp: 18792

Ion Ratio Lower Upper

117 100

119 4.9 77.4 116.0#

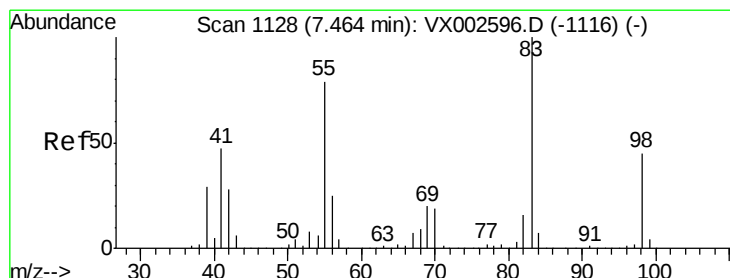
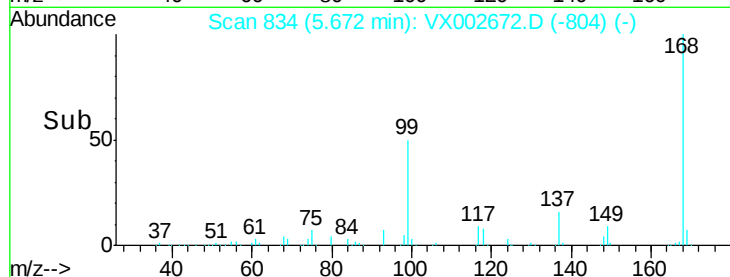
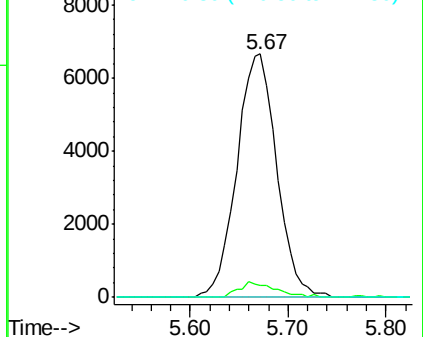
121 0.0 24.4 36.6#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V



#39

Methylcyclohexane

Concen: 0.303 ug/l

RT: 7.46 min Scan# 1128

Delta R.T. 0.00 min

Lab File: VX002672.D

Acq: 17 Jun 2018 02:29

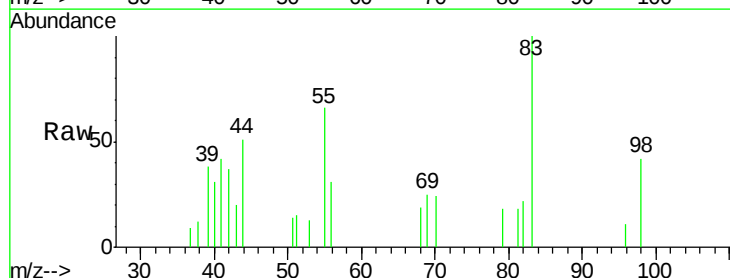
Tgt Ion: 83 Resp: 1121

Ion Ratio Lower Upper

83 100

55 66.4 65.4 98.0

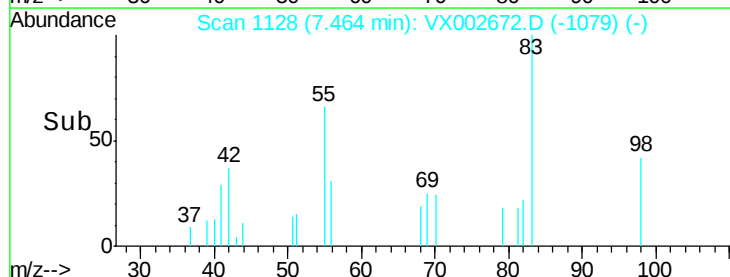
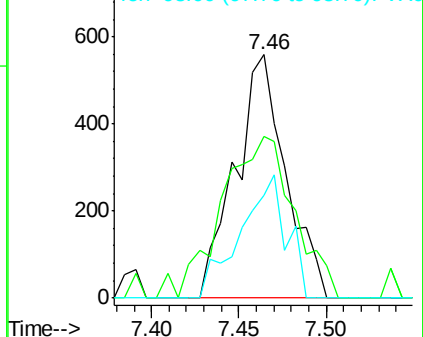
98 42.4 37.4 56.0

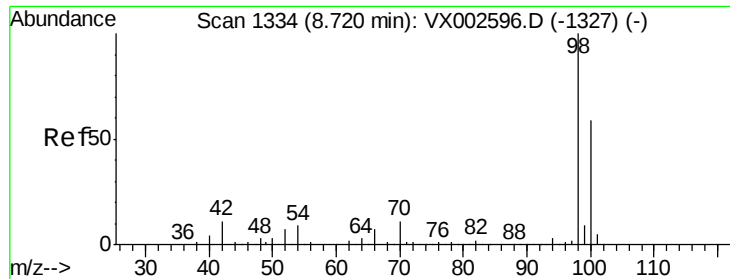


Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 98.00 (97.70 to 98.70): VX0





#50

Toluene-d8

Concen: 47.194 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. 0.00 min

Lab File: VX002672.D

Acq: 17 Jun 2018 02:29

Instrument :

MSVOA\_X

ClientSampled :

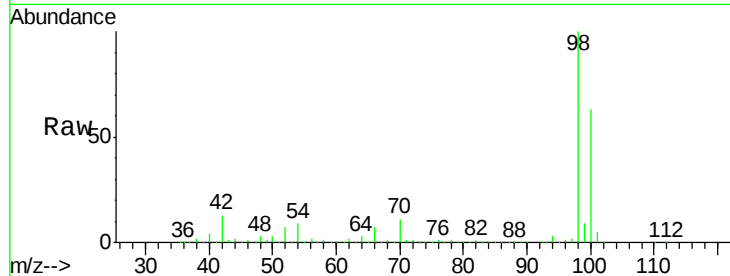
OILY-WATER

Tot Ion: 98 Resp: 426835

Ion Ratio Lower Upper

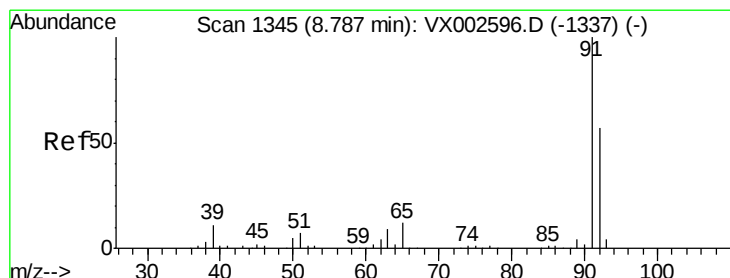
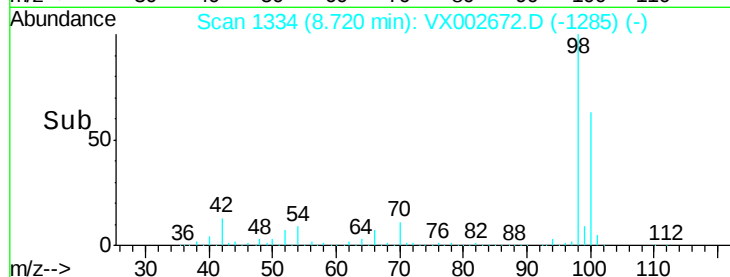
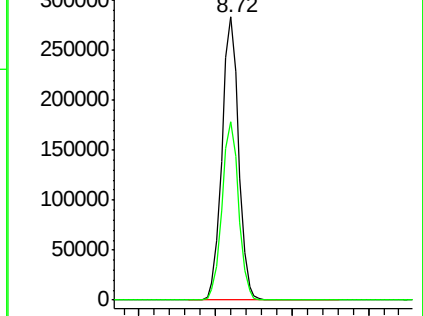
98 100

100 62.8 50.9 76.3



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0



#52

Toluene

Concen: 10.853 ug/l

RT: 8.79 min Scan# 1345

Delta R.T. 0.00 min

Lab File: VX002672.D

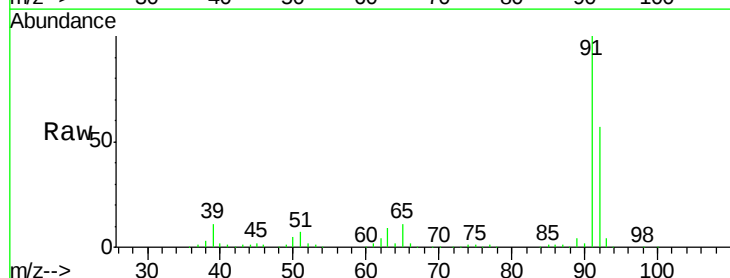
Acq: 17 Jun 2018 02:29

Tgt Ion: 92 Resp: 65802

Ion Ratio Lower Upper

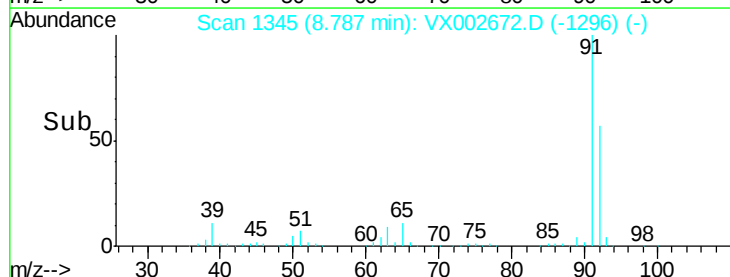
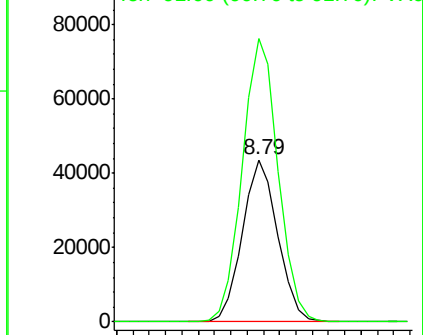
92 100

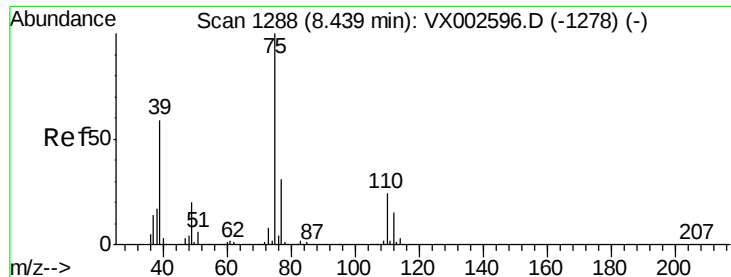
91 177.5 140.4 210.6



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0





#53

t-1,3-Dichloropropene

Concen: 2.398 ug/l

RT: 8.40 min Scan# 1282

Delta R.T. -0.04 min

Lab File: VX002672.D

Acq: 17 Jun 2018 02:29

Instrument :

MSVOA\_X

ClientSampleId :

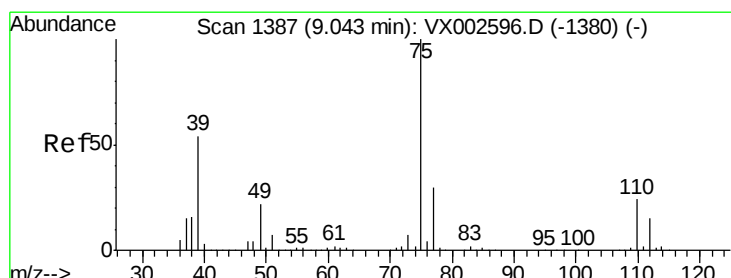
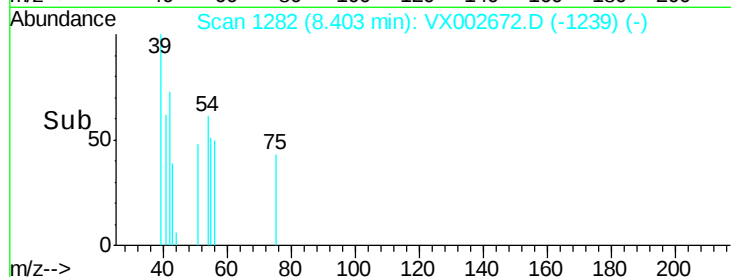
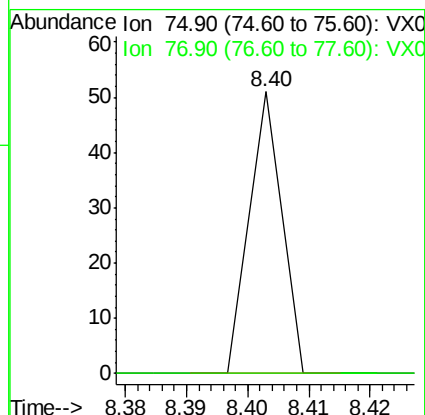
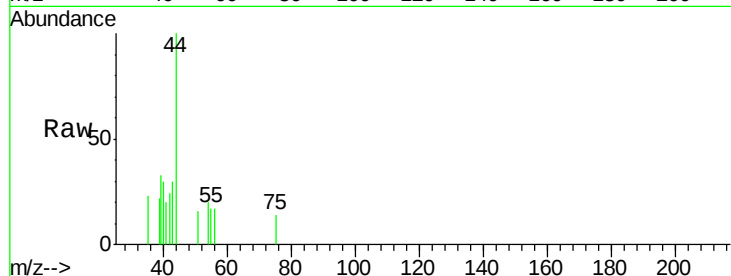
OILY-WATER

Tot Ion: 75 Resp: 19

Ion Ratio Lower Upper

75 100

77 0.0 25.4 38.2#



#54

cis-1,3-Dichloropropene

Concen: 3.435 ug/l

RT: 8.79 min Scan# 1345

Delta R.T. -0.26 min

Lab File: VX002672.D

Acq: 17 Jun 2018 02:29

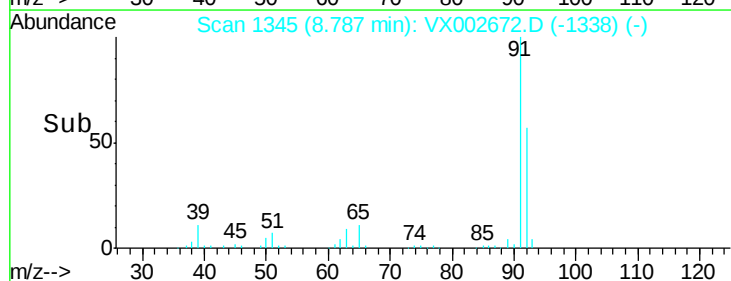
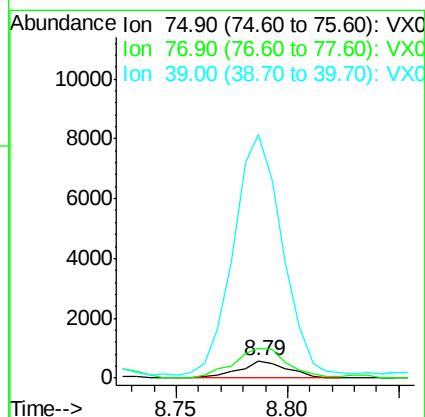
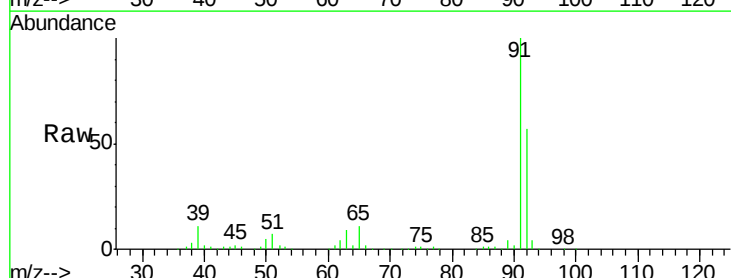
Tgt Ion: 75 Resp: 887

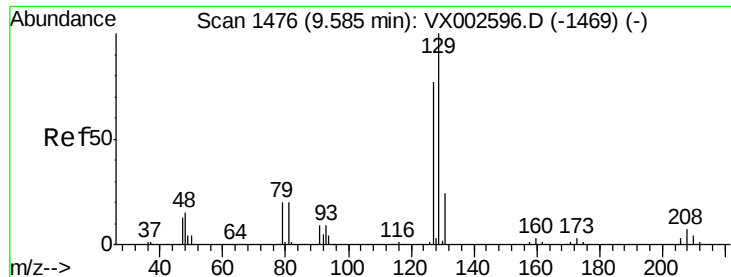
Ion Ratio Lower Upper

75 100

77 171.5 24.8 37.2#

39 1375.6 42.4 63.6#





#60

Dibromochloromethane

Concen: 3.894 ug/l

RT: 9.33 min Scan# 1434

Delta R.T. -0.26 min

Lab File: VX002672.D

Acq: 17 Jun 2018 02:29

Instrument :

MSVOA\_X

ClientSampleId :

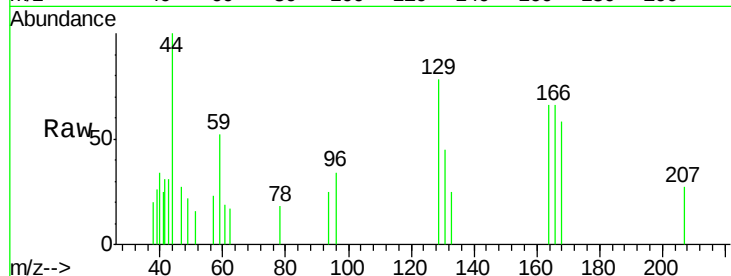
OILY-WATER

Tot Ion:129 Resp: 397

Ion Ratio Lower Upper

129 100

127 0.0 38.5 115.3#



Abundance Ion 128.80 (128.50 to 129.50): V

Ion 126.80 (126.50 to 127.50): V

9.33

250

200

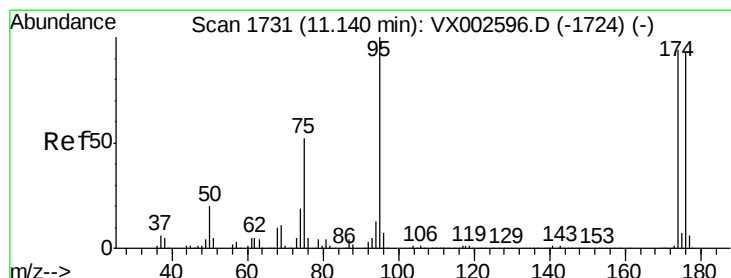
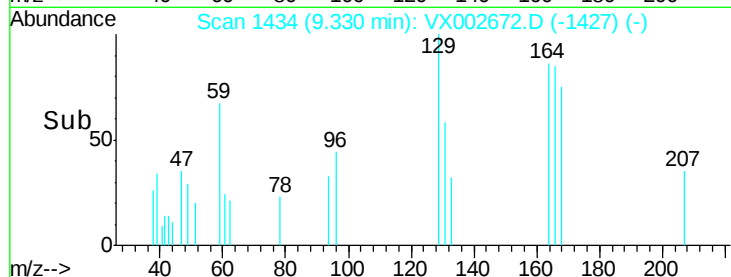
150

100

50

0

Time-->



#62

4-Bromofluorobenzene

Concen: 42.073 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.00 min

Lab File: VX002672.D

Acq: 17 Jun 2018 02:29

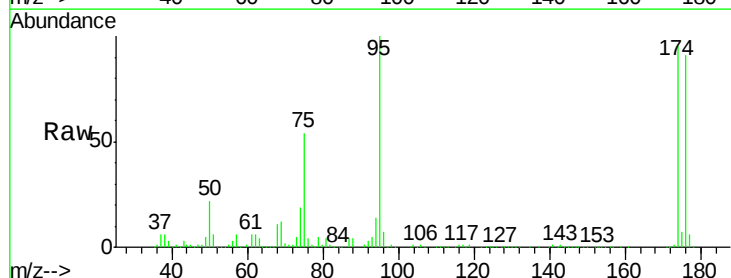
Tgt Ion: 95 Resp: 144190

Ion Ratio Lower Upper

95 100

174 96.7 0.0 187.4

176 95.7 0.0 181.0



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

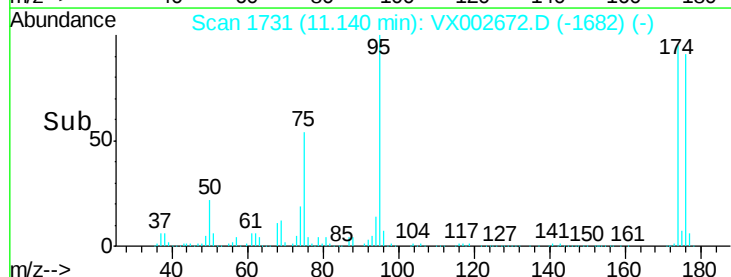
150000

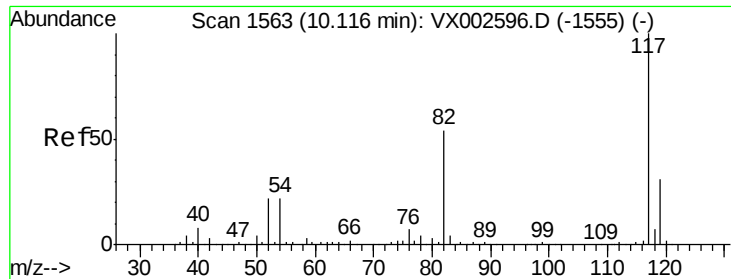
100000

50000

0

Time-->

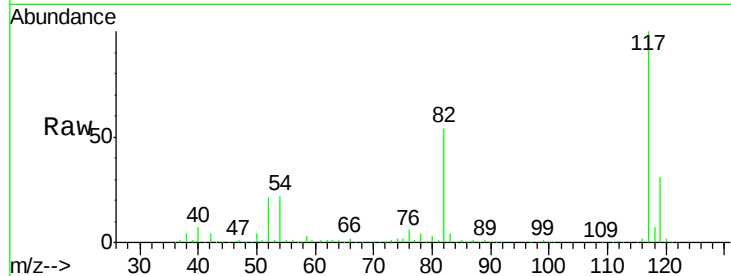




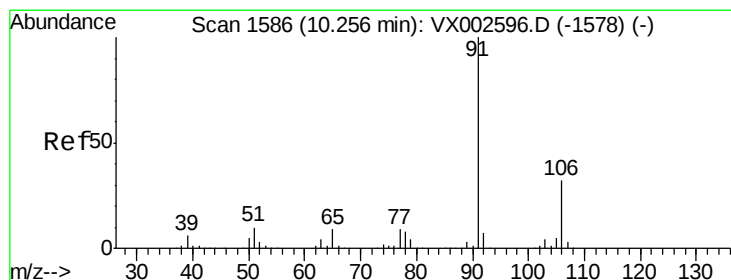
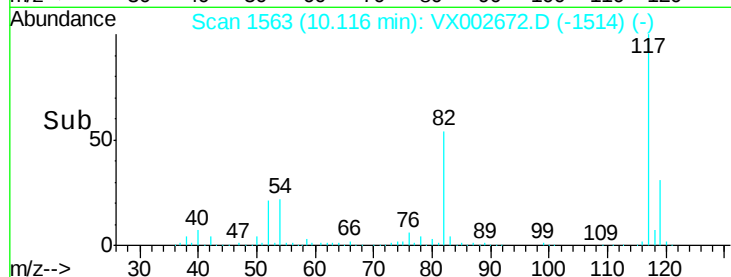
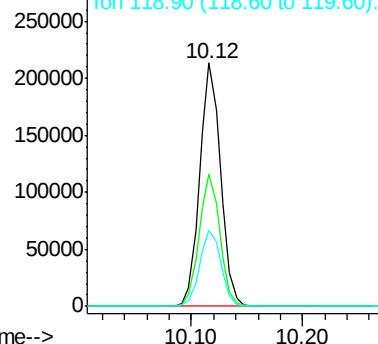
#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 10.12 min Scan# 1563  
Delta R.T. 0.00 min  
Lab File: VX002672.D  
Acq: 17 Jun 2018 02:29

Instrument :  
MSVOA\_X  
ClientSampled :  
OILY-WATER

Tot Ion:117 Resp: 276262  
Ion Ratio Lower Upper  
117 100  
82 54.1 45.0 67.4  
119 31.4 25.8 38.6

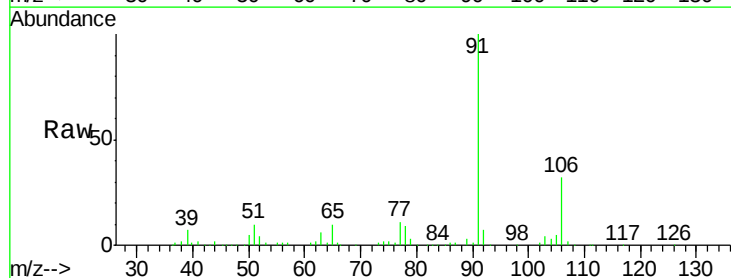


Abundance Ion 116.90 (116.60 to 117.60): V  
Ion 82.00 (81.70 to 82.70): VX0  
Ion 118.90 (118.60 to 119.60): V

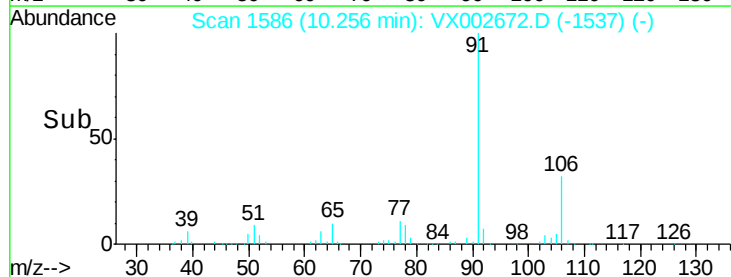
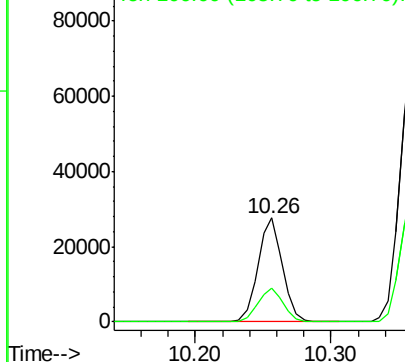


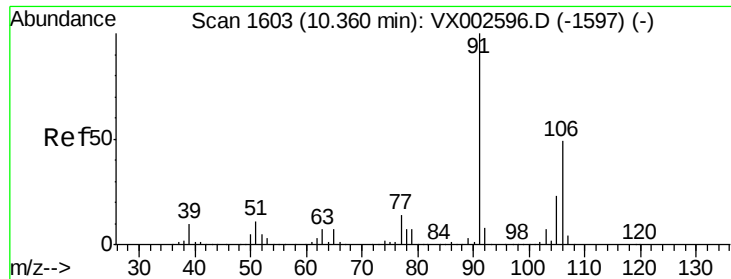
#67  
Ethyl Benzene  
Concen: 3.066 ug/l  
RT: 10.26 min Scan# 1586  
Delta R.T. 0.00 min  
Lab File: VX002672.D  
Acq: 17 Jun 2018 02:29

Tgt Ion: 91 Resp: 35086  
Ion Ratio Lower Upper  
91 100  
106 32.5 25.5 38.3



Abundance Ion 91.00 (90.70 to 91.70): VX0  
Ion 106.00 (105.70 to 106.70): V

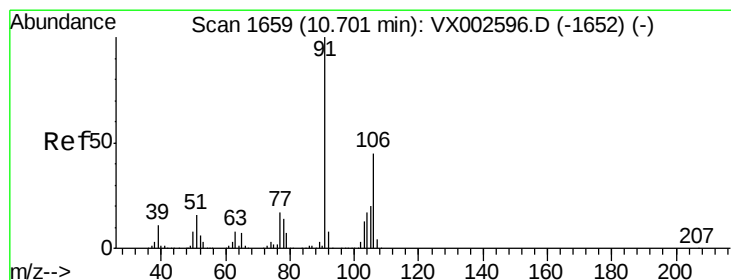
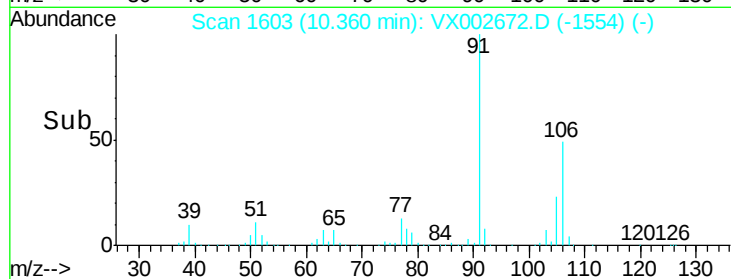
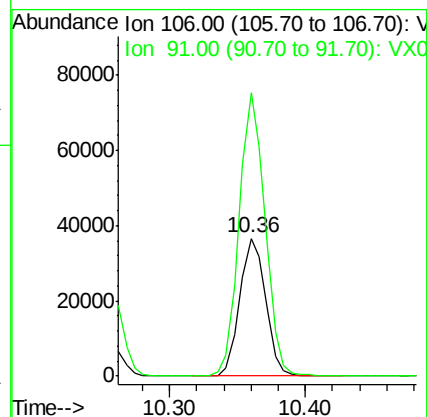
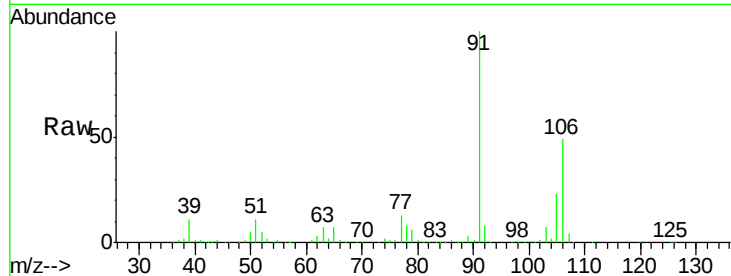




#68  
m/p-Xylenes  
Concen: 11.033 ug/l  
RT: 10.36 min Scan# 1603  
Delta R.T. 0.00 min  
Lab File: VX002672.D  
Acq: 17 Jun 2018 02:29

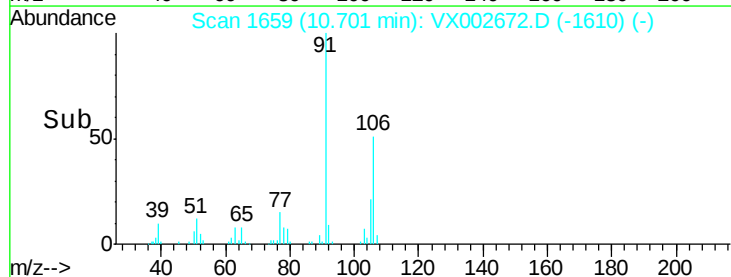
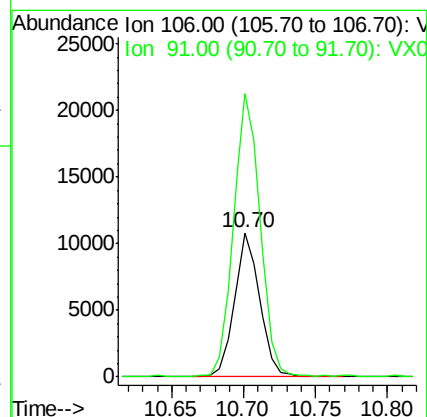
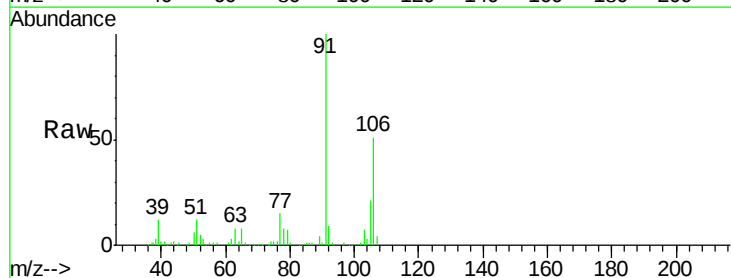
Instrument :  
MSVOA\_X  
ClientSampleId :  
OILY-WATER

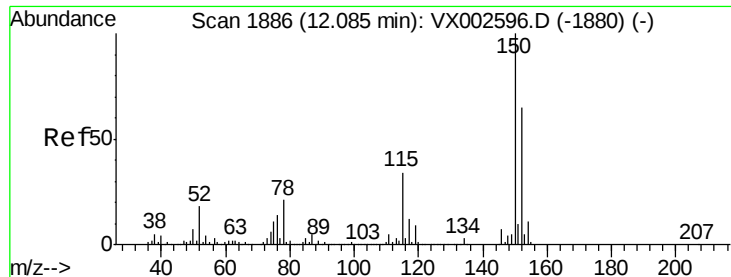
Tot Ion:106 Resp: 48701  
Ion Ratio Lower Upper  
106 100  
91 205.9 163.4 245.2



#69  
o-Xylene  
Concen: 3.081 ug/l  
RT: 10.70 min Scan# 1659  
Delta R.T. 0.00 min  
Lab File: VX002672.D  
Acq: 17 Jun 2018 02:29

Tgt Ion:106 Resp: 13361  
Ion Ratio Lower Upper  
106 100  
91 206.5 108.2 324.6





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.09 min Scan# 1886

Delta R.T. 0.00 min

Lab File: VX002672.D

Acq: 17 Jun 2018 02:29

Instrument :

MSVOA\_X

ClientSampleId :

OILY-WATER

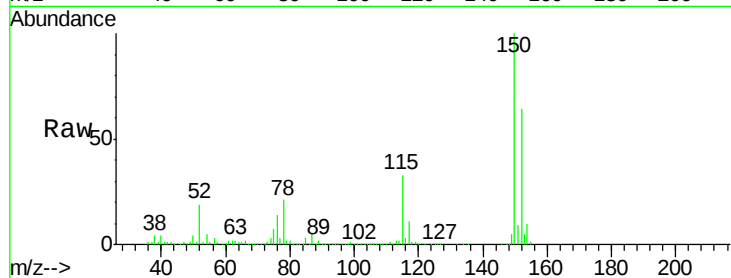
Tot Ion:152 Resp: 148296

Ion Ratio Lower Upper

152 100

115 56.0 40.1 120.2

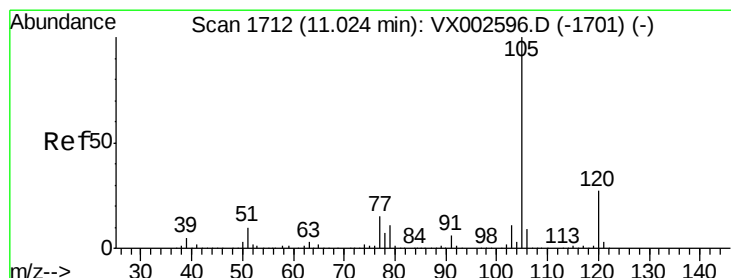
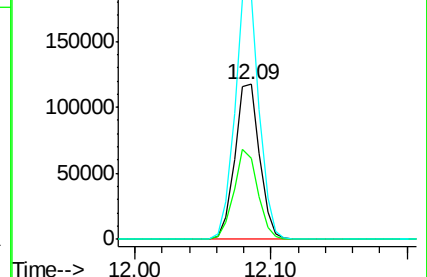
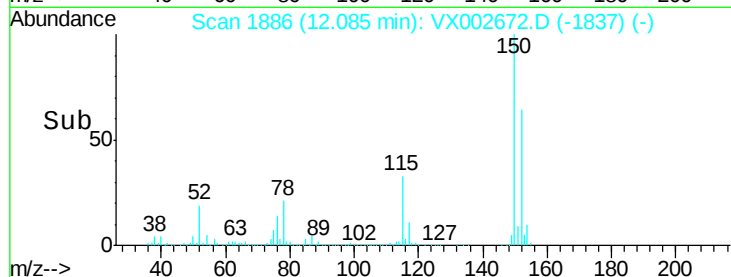
150 156.0 0.0 347.2



Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V



#73

Isopropylbenzene

Concen: 0.239 ug/l

RT: 11.02 min Scan# 1711

Delta R.T. -0.01 min

Lab File: VX002672.D

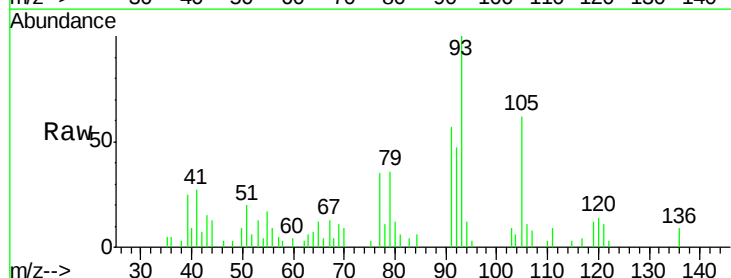
Acq: 17 Jun 2018 02:29

Tgt Ion:105 Resp: 2367

Ion Ratio Lower Upper

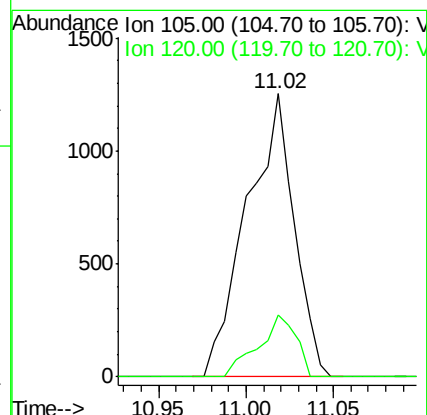
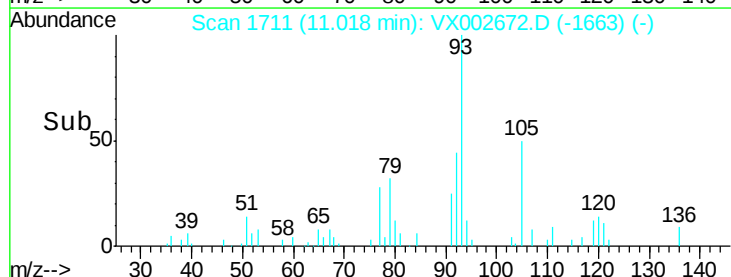
105 100

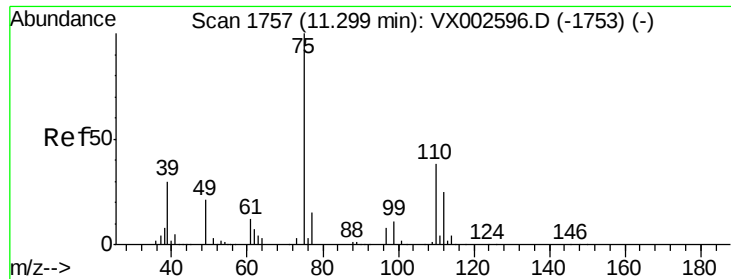
120 17.2 13.5 40.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

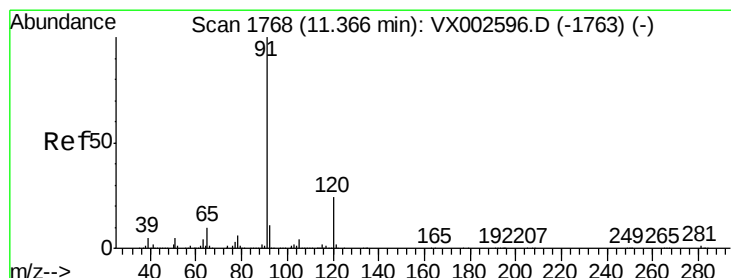
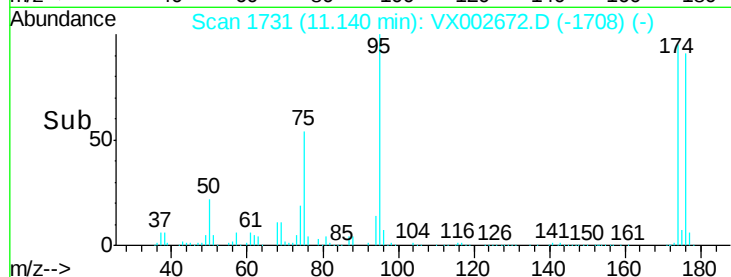
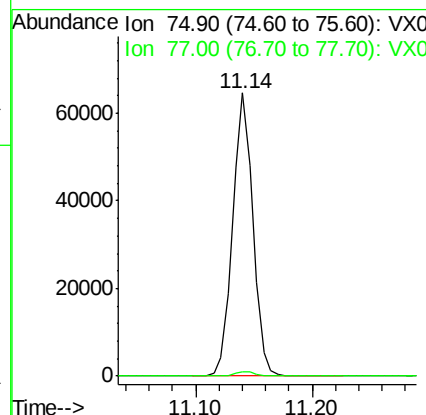
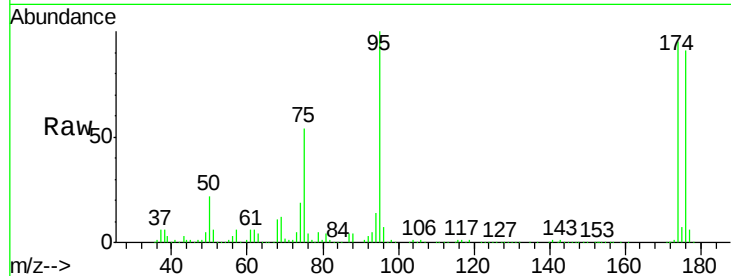




#76  
 1,2,3-Trichloropropane  
 Concen: 27.918 ug/l  
 RT: 11.14 min Scan# 1731  
 Delta R.T. -0.16 min  
 Lab File: VX002672.D  
 Acq: 17 Jun 2018 02:29

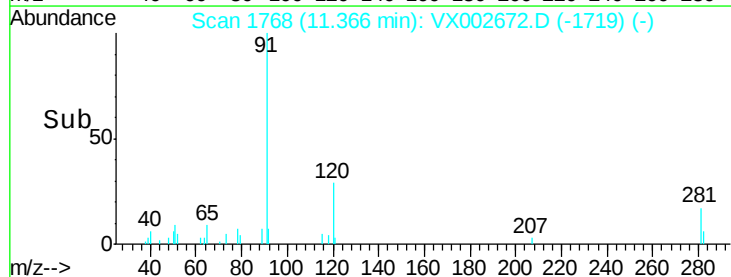
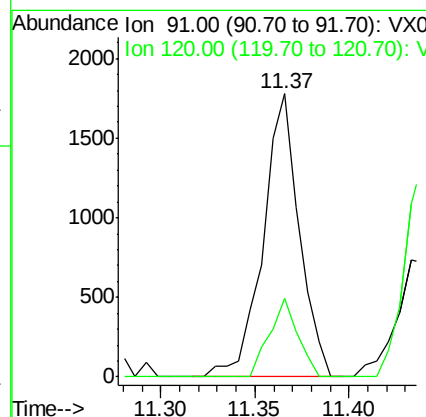
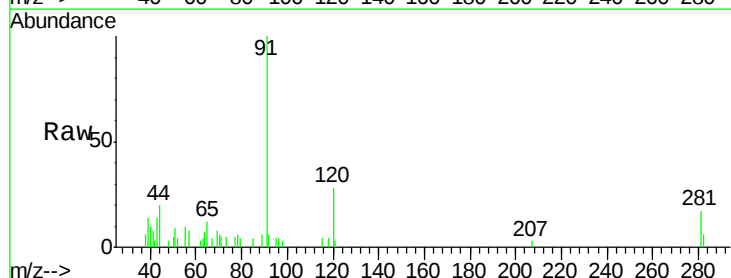
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 OILY-WATER

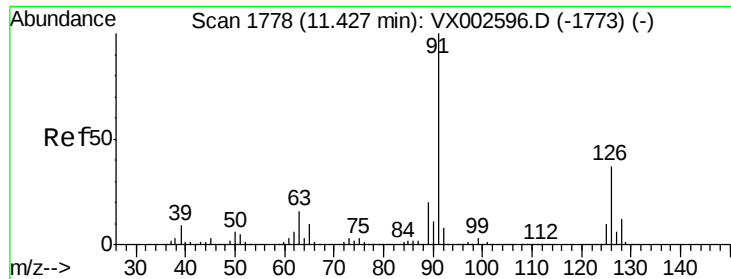
Tot Ion: 75 Resp: 78123  
 Ion Ratio Lower Upper  
 75 100  
 77 1.6 22.8 68.3#



#78  
 n-propylbenzene  
 Concen: 0.207 ug/l  
 RT: 11.37 min Scan# 1768  
 Delta R.T. 0.00 min  
 Lab File: VX002672.D  
 Acq: 17 Jun 2018 02:29

Tgt Ion: 91 Resp: 2354  
 Ion Ratio Lower Upper  
 91 100  
 120 21.7 11.8 35.4

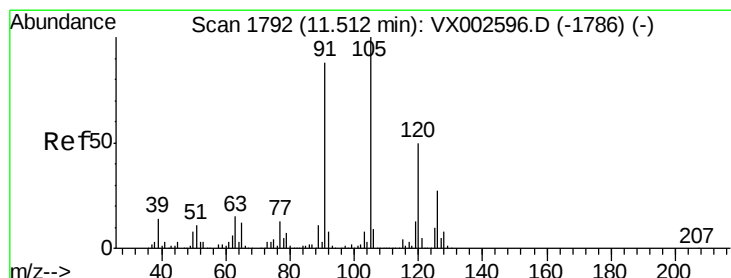
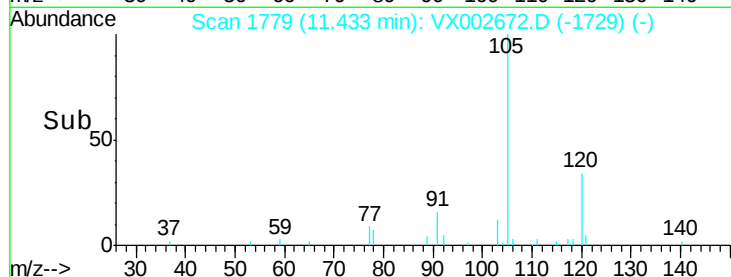
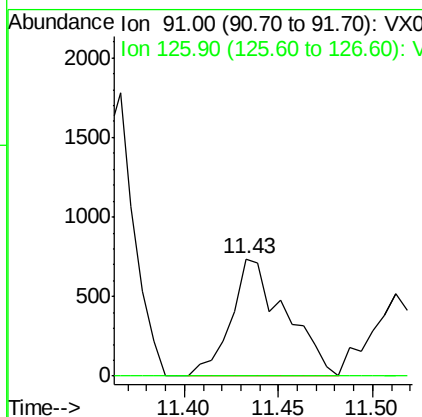
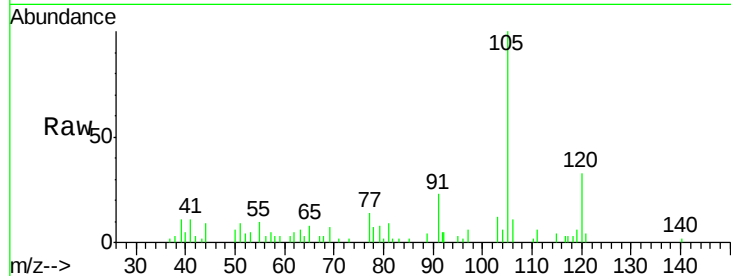




#79  
 2-Chlorotoluene  
 Concen: 0.217 ug/l  
 RT: 11.43 min Scan# 1779  
 Delta R.T. 0.01 min  
 Lab File: VX002672.D  
 Acq: 17 Jun 2018 02:29

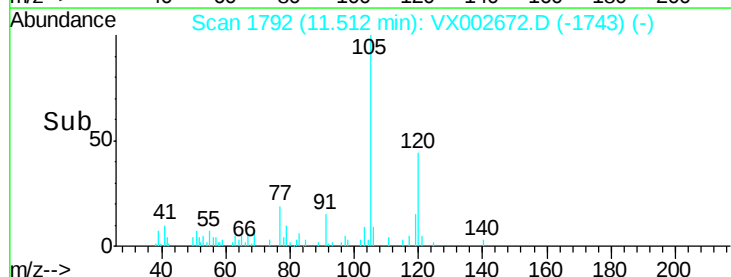
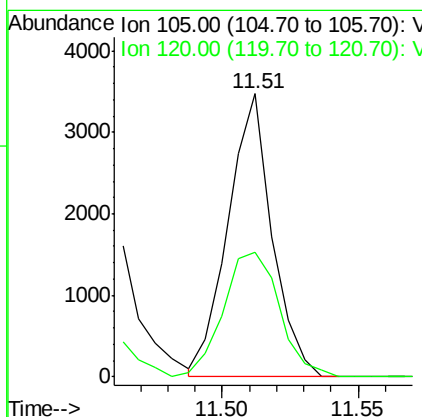
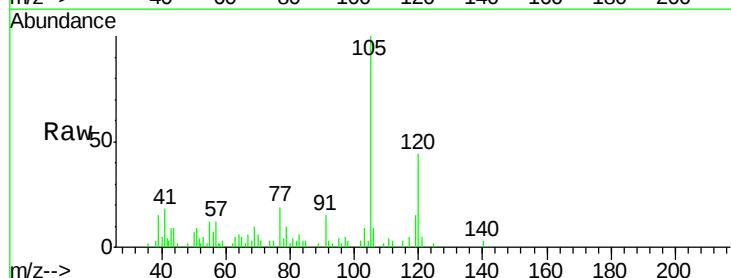
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 OILY-WATER

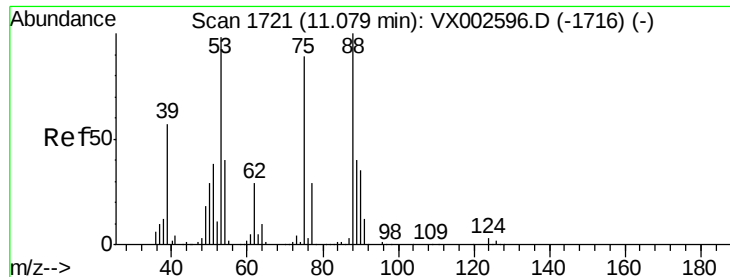
Tot Ion: 91 Resp: 1475  
 Ion Ratio Lower Upper  
 91 100  
 126 0.0 17.7 53.1#



#80  
 1,3,5-Trimethylbenzene  
 Concen: 0.467 ug/l  
 RT: 11.51 min Scan# 1792  
 Delta R.T. 0.00 min  
 Lab File: VX002672.D  
 Acq: 17 Jun 2018 02:29

Tgt Ion:105 Resp: 3917  
 Ion Ratio Lower Upper  
 105 100  
 120 56.1 24.4 73.4

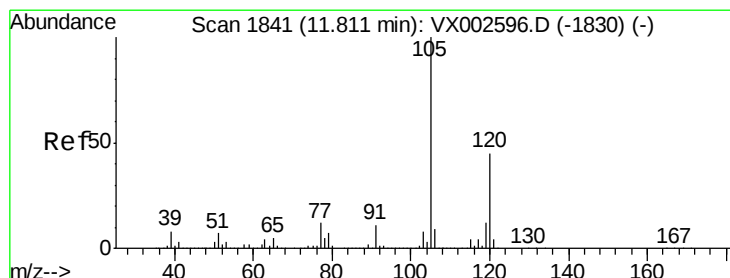
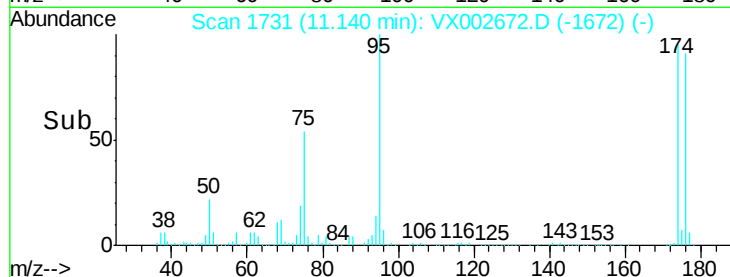
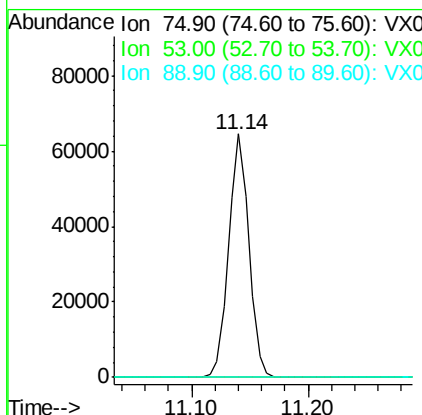
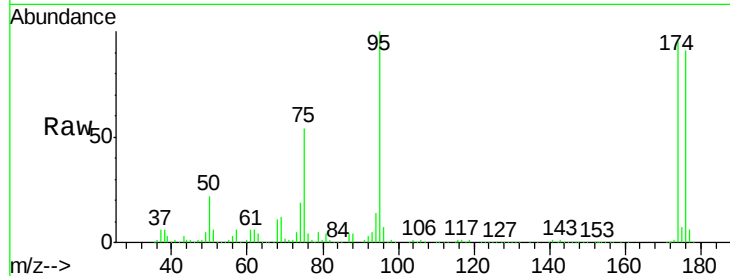




#81  
trans-1,4-Dichloro-2-butene  
Concen: 86.040 ug/l  
RT: 11.14 min Scan# 1731  
Delta R.T. 0.06 min  
Lab File: VX002672.D  
Acq: 17 Jun 2018 02:29

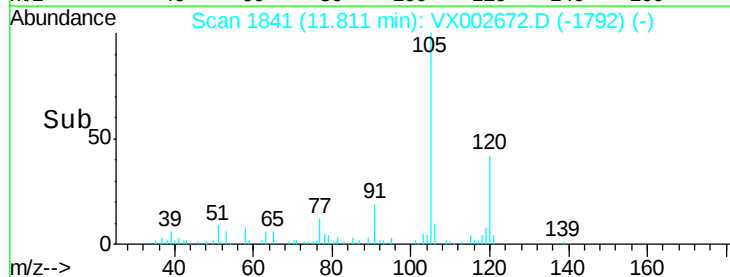
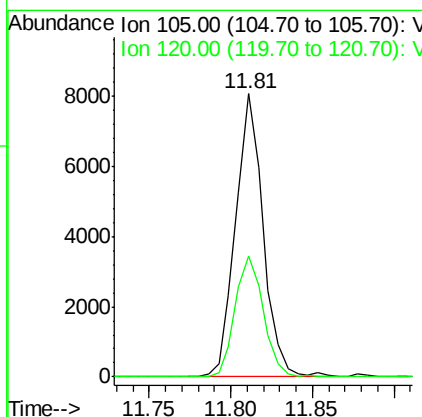
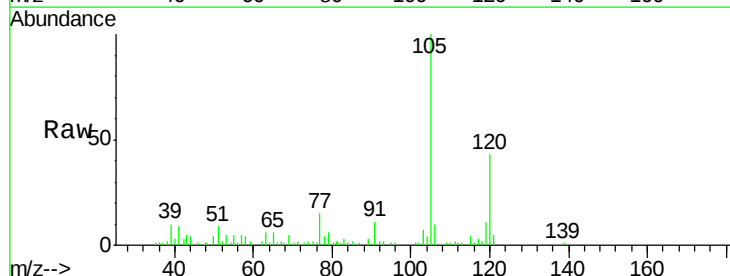
Instrument :  
MSVOA\_X  
ClientSampleId :  
OILY-WATER

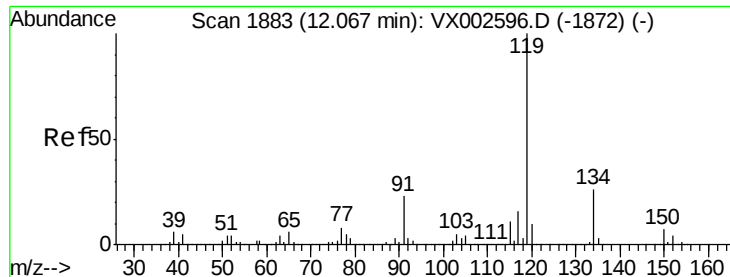
Tot Ion: 75 Resp: 78123  
Ion Ratio Lower Upper  
75 100  
53 0.4 86.8 130.2#  
89 0.0 38.2 57.2#



#84  
1,2,4-Trimethylbenzene  
Concen: 1.114 ug/l  
RT: 11.81 min Scan# 1841  
Delta R.T. 0.00 min  
Lab File: VX002672.D  
Acq: 17 Jun 2018 02:29

Tgt Ion: 105 Resp: 9527  
Ion Ratio Lower Upper  
105 100  
120 43.5 22.3 66.8

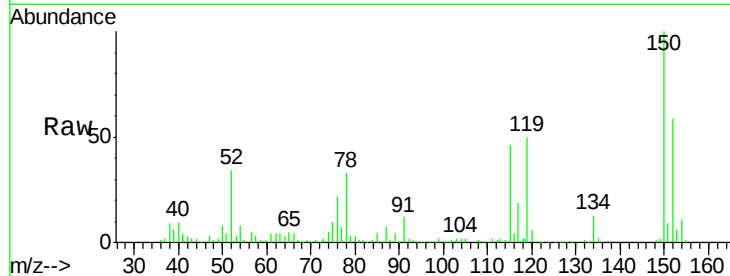




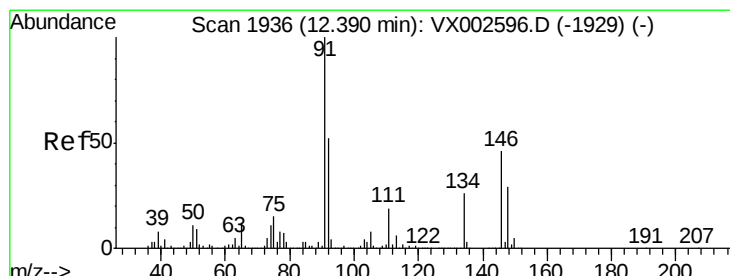
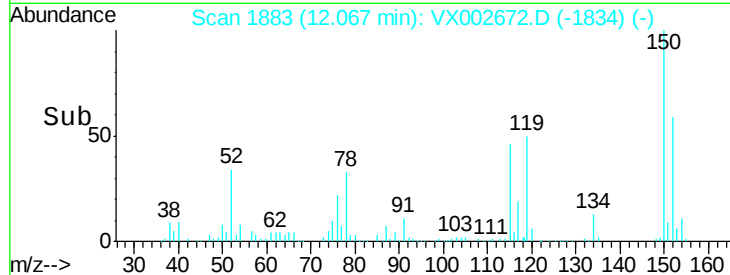
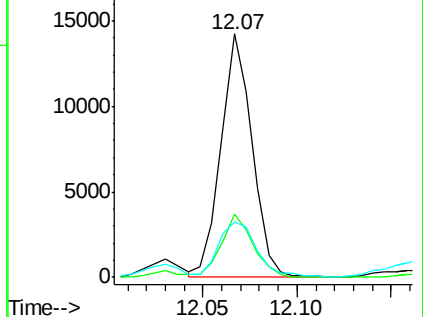
#86  
p-Isopropyltoluene  
Concen: 1.806 ug/l  
RT: 12.07 min Scan# 1883  
Delta R.T. 0.00 min  
Lab File: VX002672.D  
Acq: 17 Jun 2018 02:29

Instrument :  
MSVOA\_X  
ClientSampled :  
OILY-WATER

Tot Ion:119 Resp: 16408  
Ion Ratio Lower Upper  
119 100  
134 26.2 13.4 40.1  
91 27.9 11.9 35.7

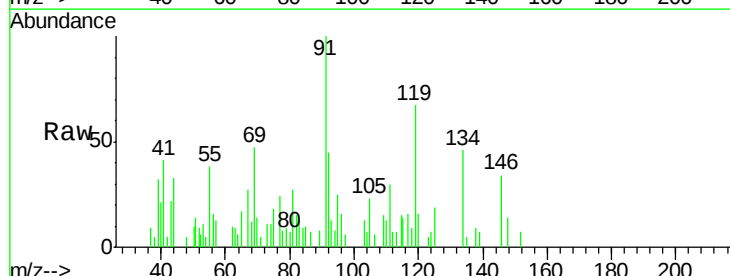


Abundance Ion 119.00 (118.70 to 119.70): V  
Ion 134.00 (133.70 to 134.70): V  
Ion 91.00 (90.70 to 91.70): V

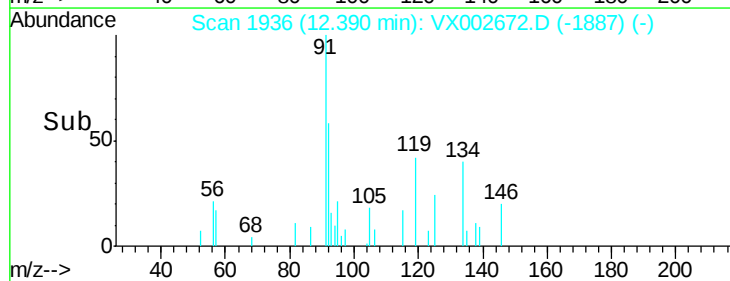
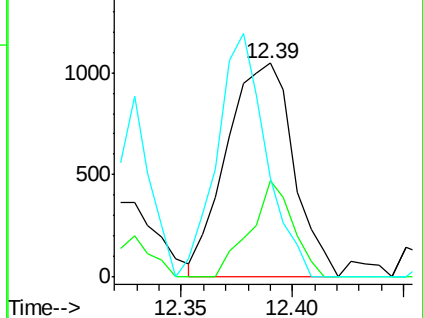


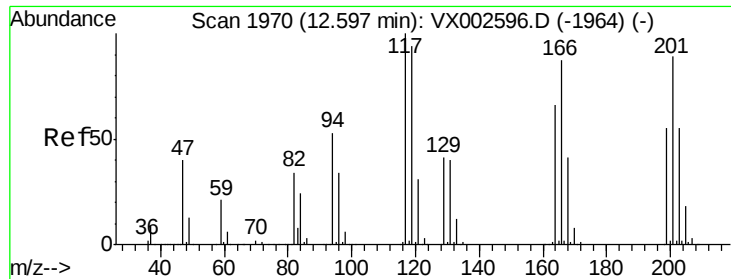
#89  
n-Butylbenzene  
Concen: 0.272 ug/l  
RT: 12.39 min Scan# 1936  
Delta R.T. 0.00 min  
Lab File: VX002672.D  
Acq: 17 Jun 2018 02:29

Tgt Ion: 91 Resp: 2180  
Ion Ratio Lower Upper  
91 100  
92 28.8 26.0 78.0  
134 83.5 13.5 40.5#



Abundance Ion 91.00 (90.70 to 91.70): VX0  
Ion 92.00 (91.70 to 92.70): VX0  
Ion 134.00 (133.70 to 134.70): V

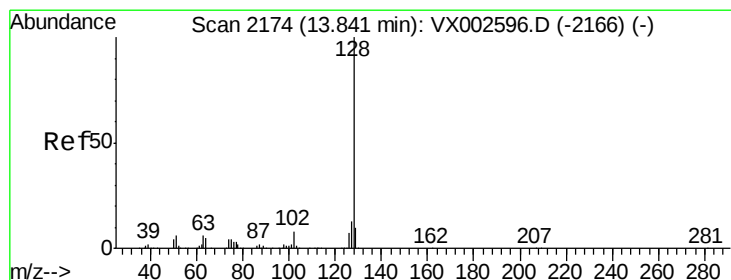
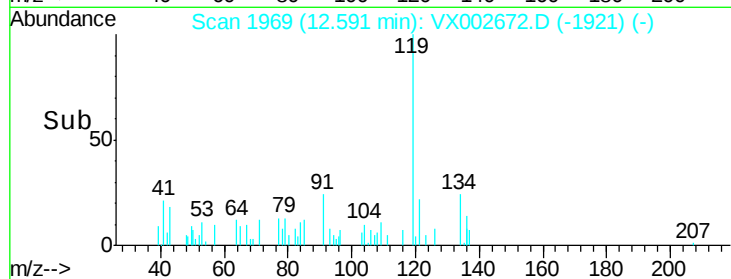
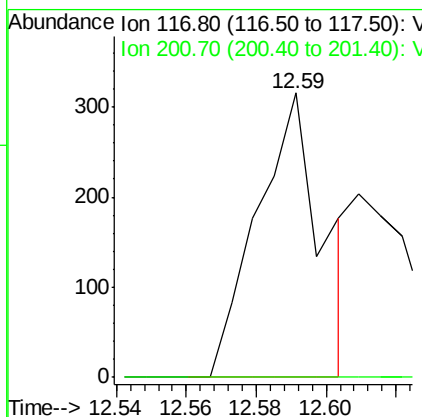
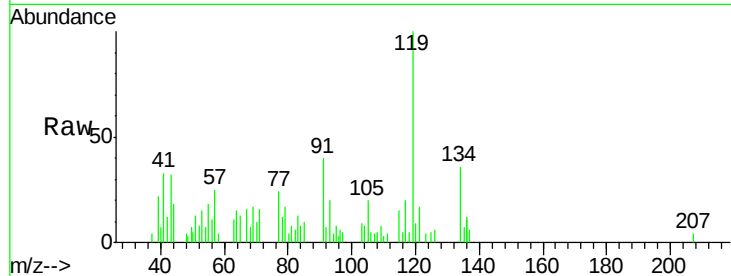




#90  
Hexachloroethane  
Concen: 2.896 ug/l  
RT: 12.59 min Scan# 1969  
Delta R.T. -0.01 min  
Lab File: VX002672.D  
Acq: 17 Jun 2018 02:29

Instrument :  
MSVOA\_X  
ClientSampleId :  
OILY-WATER

Tot Ion:117 Resp: 405  
Ion Ratio Lower Upper  
117 100  
201 0.0 49.0 147.0#



#95  
Naphthalene  
Concen: 0.470 ug/l  
RT: 13.84 min Scan# 2174  
Delta R.T. 0.00 min  
Lab File: VX002672.D  
Acq: 17 Jun 2018 02:29

Tgt Ion:128 Resp: 4683  
Ion Ratio Lower Upper  
128 100  
127 15.8 10.4 15.6#  
129 15.9 8.6 13.0#

