

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 11:23:52 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

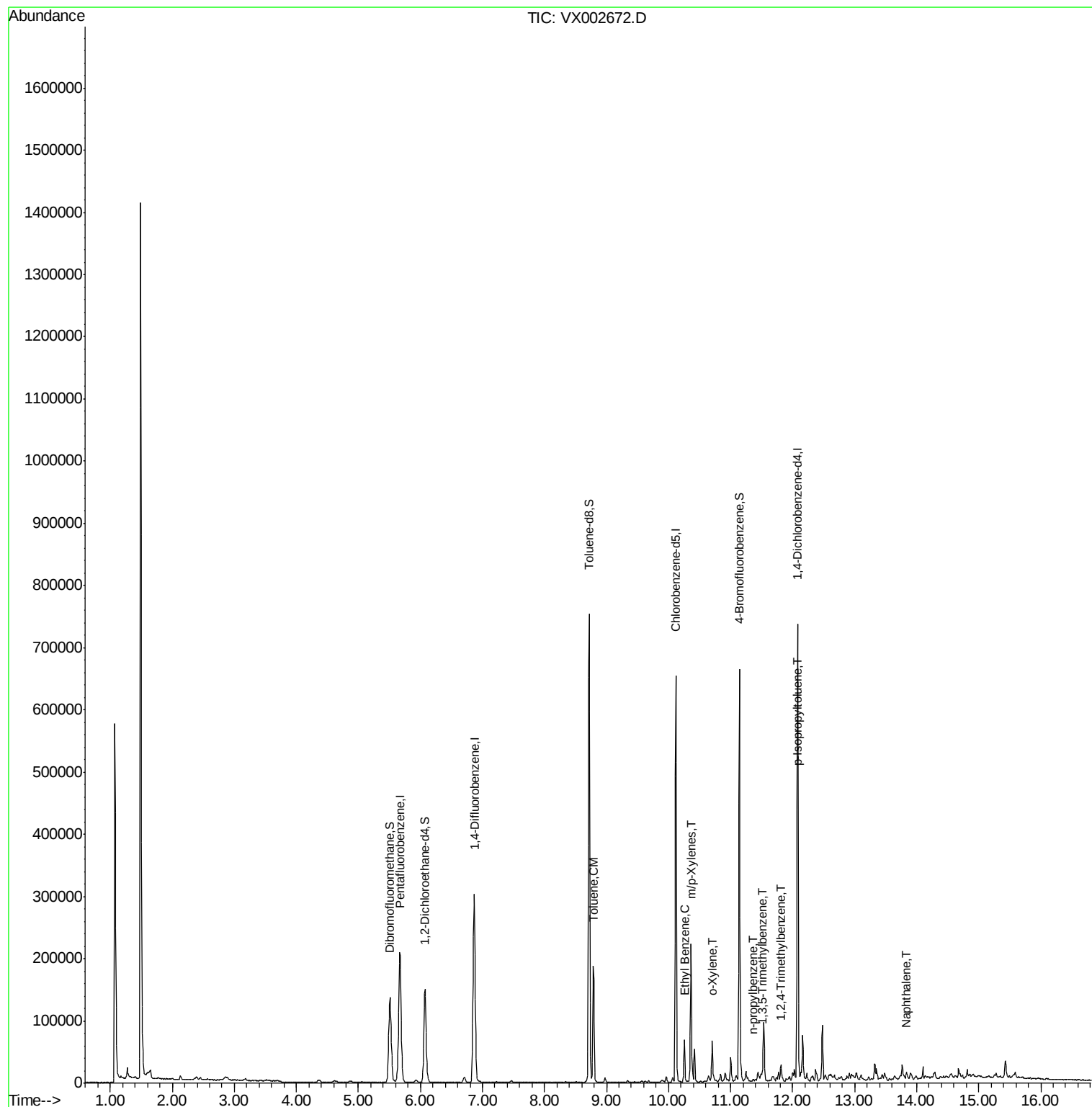
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	207900	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	298454	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	276262	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	148296	50.00	ug/l	0.00
System Monitoring Compounds						
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						
52) Toluene	8.79	92	65802	10.853	ug/l	99
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
78) n-propylbenzene	11.37	91	2354	0.207	ug/l	96
80) 1,3,5-Trimethylbenzene	11.51	105	3917	0.467	ug/l	89
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
95) Naphthalene	13.84	128	4683	0.470	ug/l #	90

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

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Quant Title : SW846 8260
QLast Update : Sat Jun 16 01:37:33 2018
Response via : Initial Calibration





#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 :

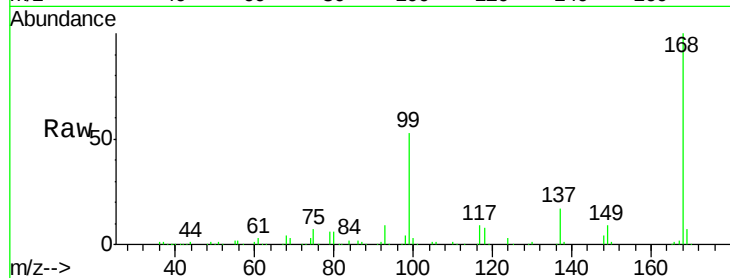
OILY-WATER

Tot Ion:168 Resp: 207900

Ion Ratio Lower Upper

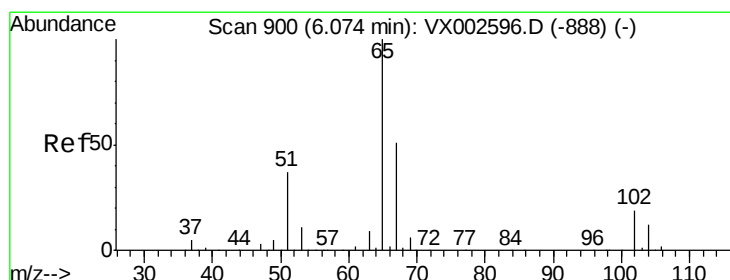
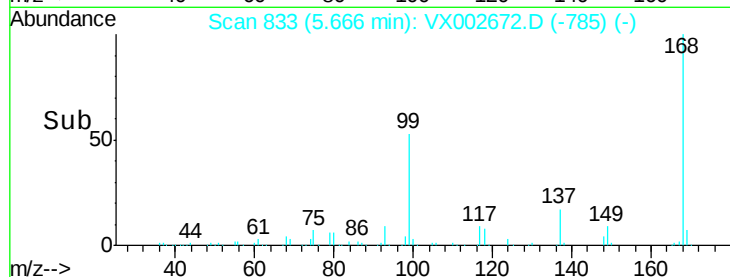
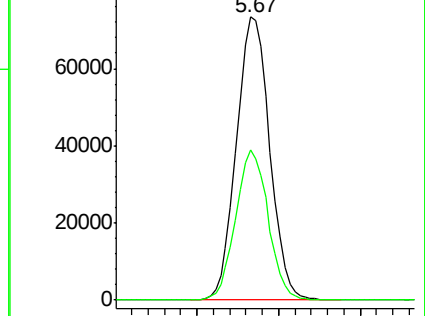
168 100

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



#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

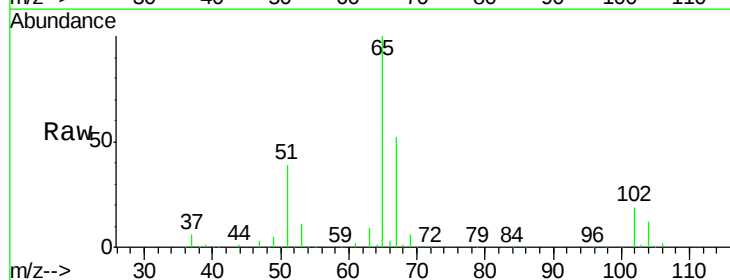
Acq: 17 Jun 2018 02:29

Tgt Ion: 65 Resp: 142898

Ion Ratio Lower Upper

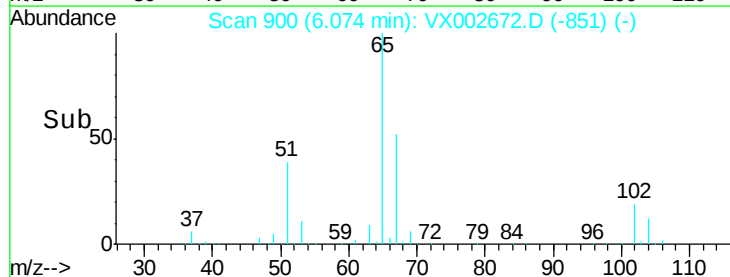
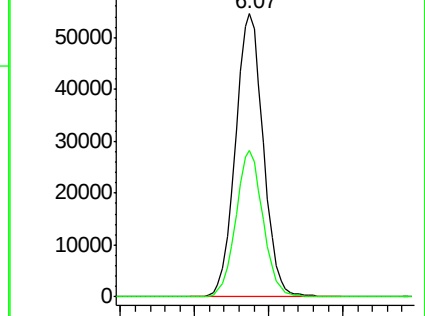
65 100

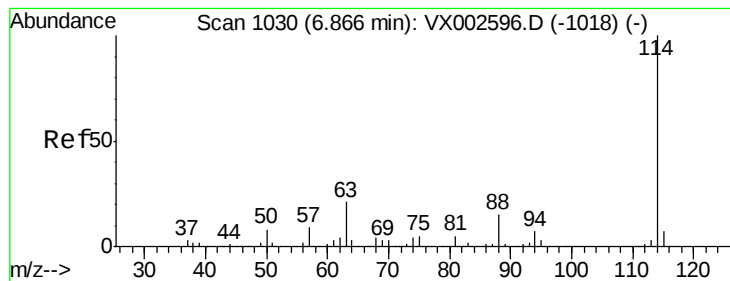
67 50.5 0.0 102.6



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

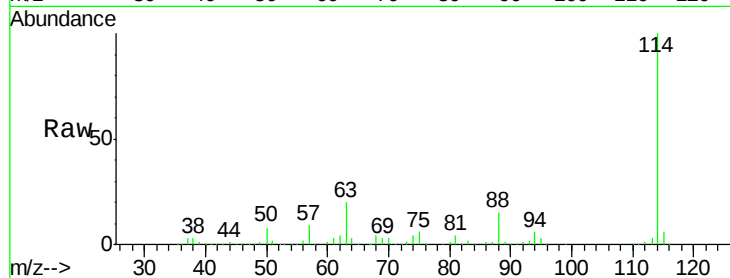
Tot Ion:114 Resp: 298454

Ion Ratio Lower Upper

114 100

63 20.0 0.0 41.4

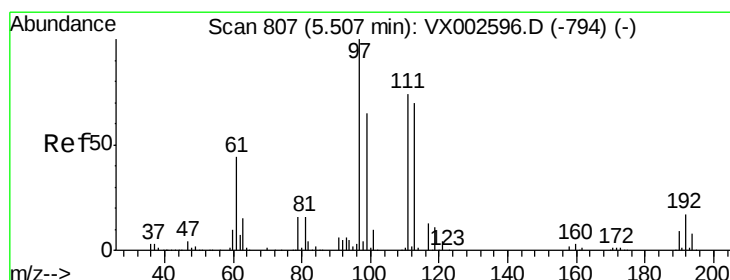
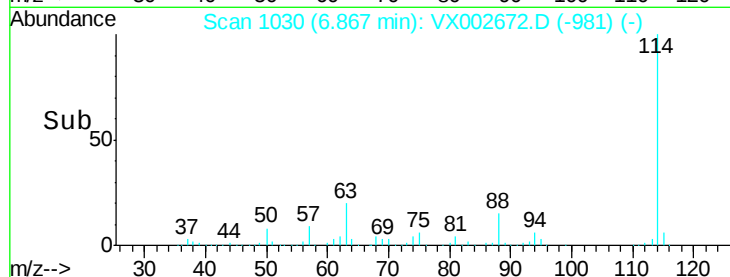
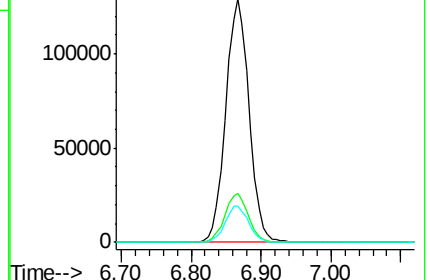
88 14.8 0.0 30.0



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0



#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

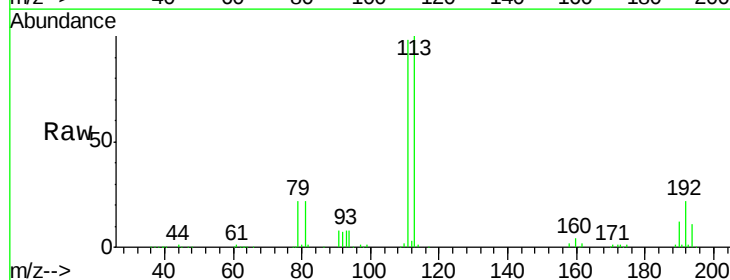
Tgt Ion:113 Resp: 109132

Ion Ratio Lower Upper

113 100

111 101.7 81.4 122.0

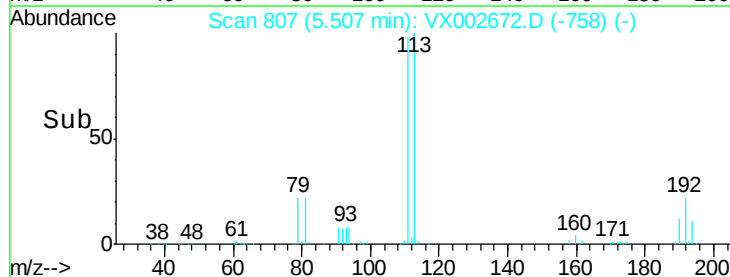
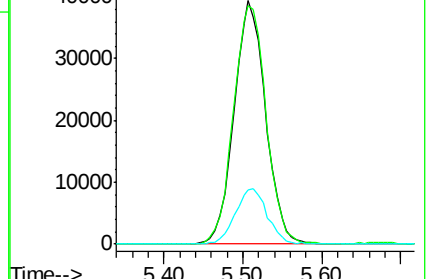
192 23.2 19.1 28.7

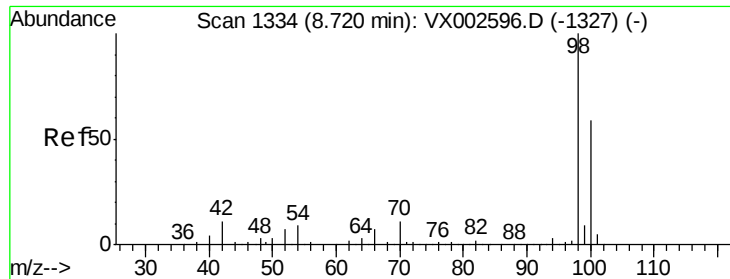


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

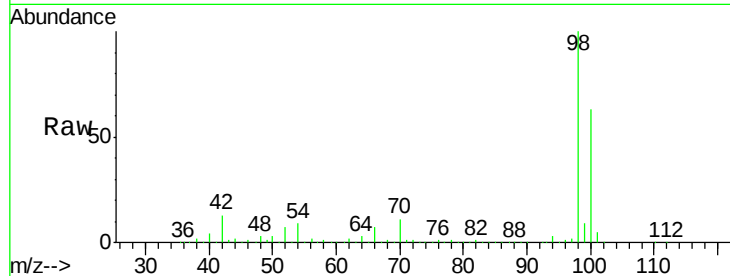




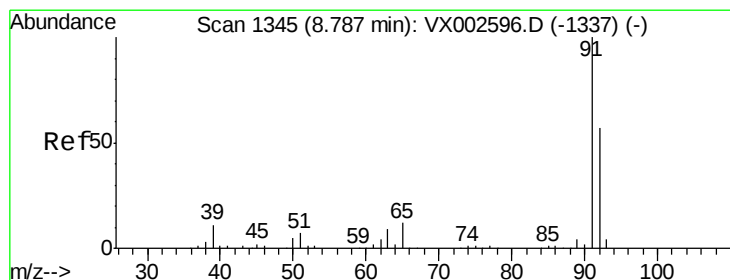
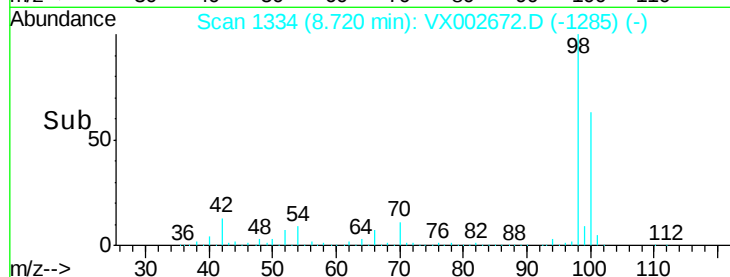
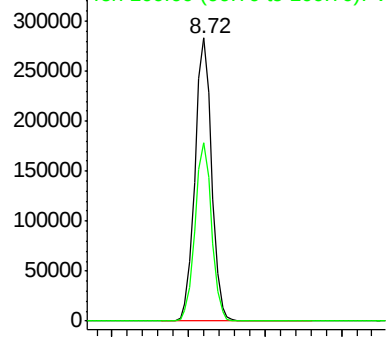
#50
Toluene-d8
Concen: 47.194 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. 0.00 min
Lab File: VX002672.D
Acq: 17 Jun 2018 02:29

Instrument :
MSVOA_X
ClientSampleId :
OILY-WATER

Tot Ion: 98 Resp: 426835
Ion Ratio Lower Upper
98 100
100 62.8 50.9 76.3

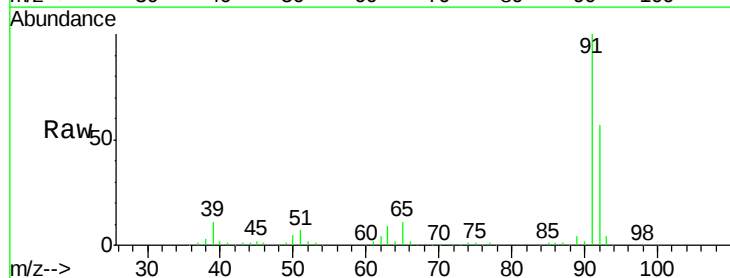


Abundance Ion 98.00 (97.70 to 98.70): VX0
Ion 100.00 (99.70 to 100.70): VX0

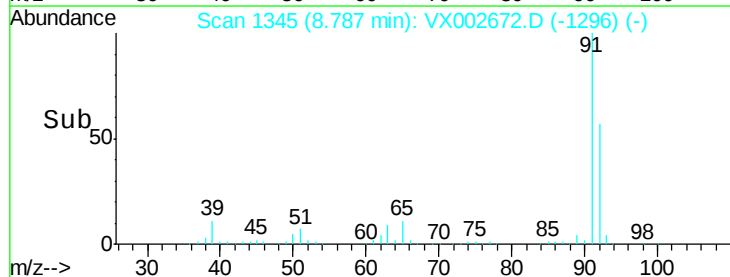
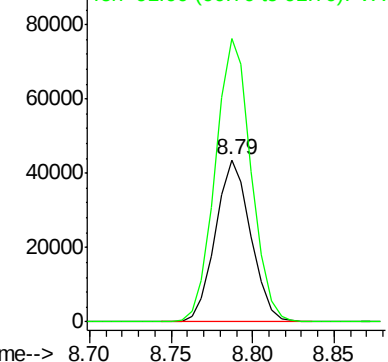


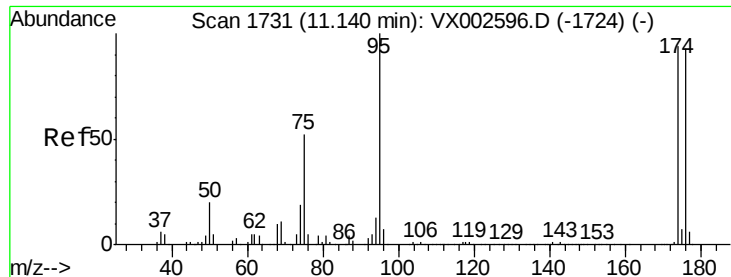
#52
Toluene
Concen: 10.853 ug/l
RT: 8.79 min Scan# 1345
Delta R.T. 0.00 min
Lab File: VX002672.D
Acq: 17 Jun 2018 02:29

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

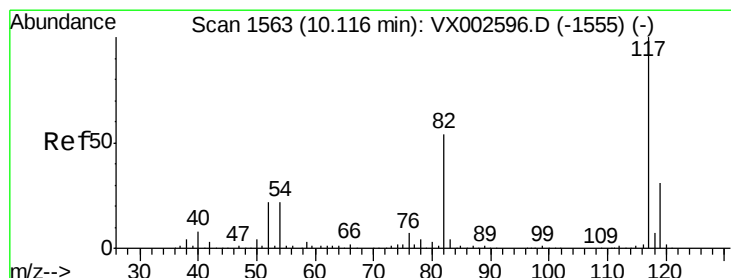
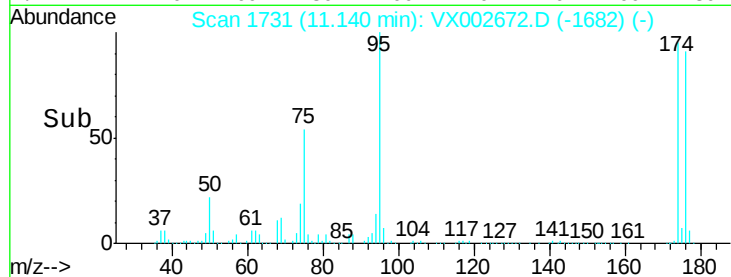
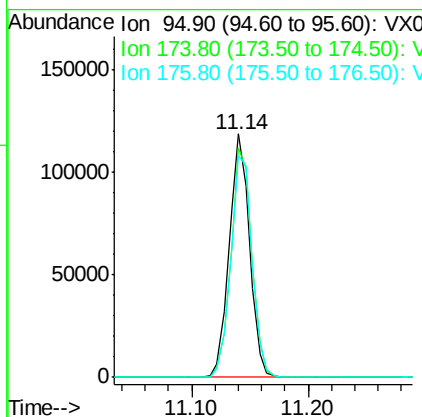
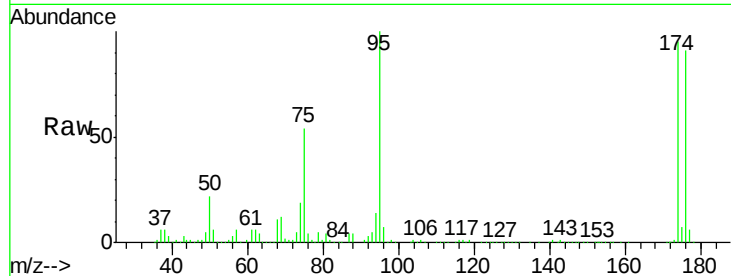




#62
4-Bromofluorobenzene
Concen: 42.073 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. 0.00 min
Lab File: VX002672.D
Acq: 17 Jun 2018 02:29

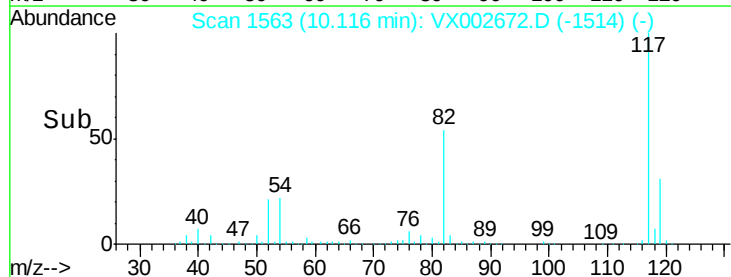
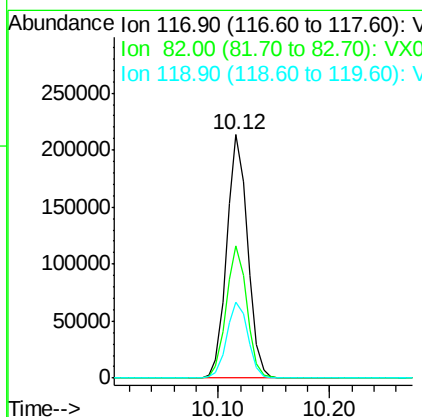
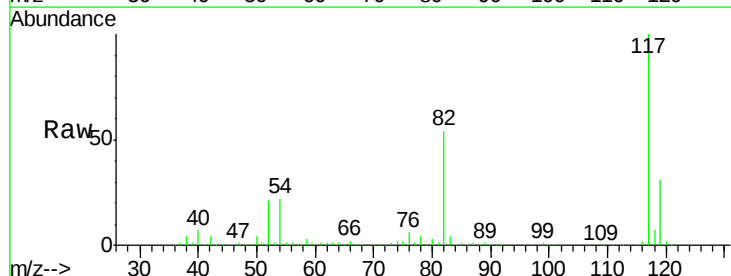
Instrument :
MSVOA_X
ClientSampleId :
OILY-WATER

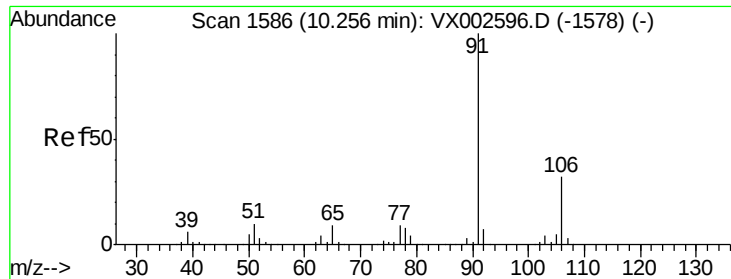
Tot Ion: 95 Resp: 144190
Ion Ratio Lower Upper
95 100
174 96.7 0.0 187.4
176 95.7 0.0 181.0



#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

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

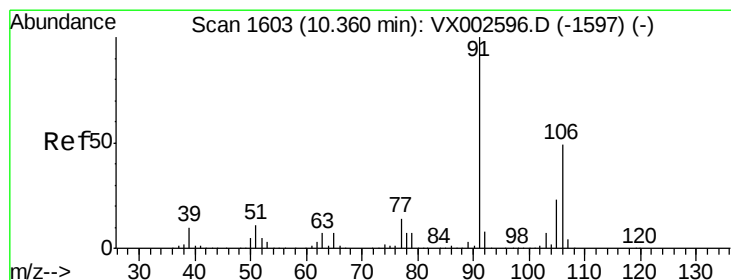
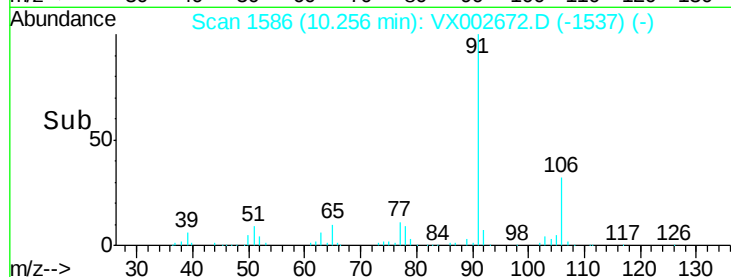
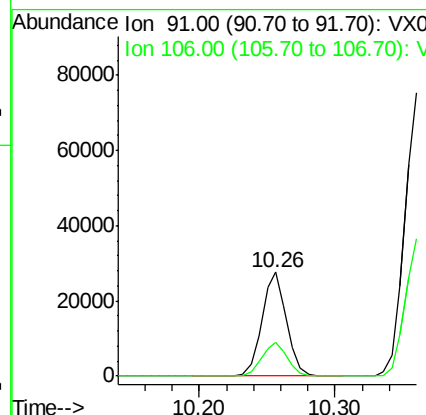
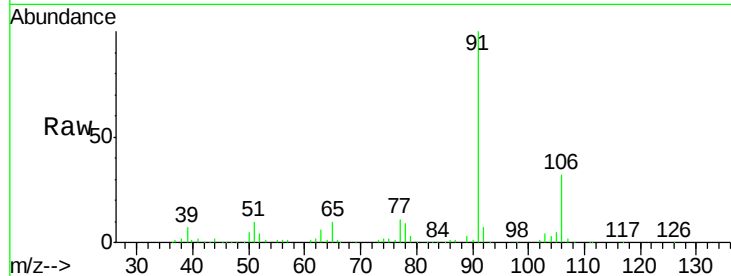




#67
Ethyl Benzene
Concen: 3.066 ug/l
RT: 10.26 min Scan# 1586
Delta R.T. 0.00 min
Lab File: VX002672.D
Acq: 17 Jun 2018 02:29

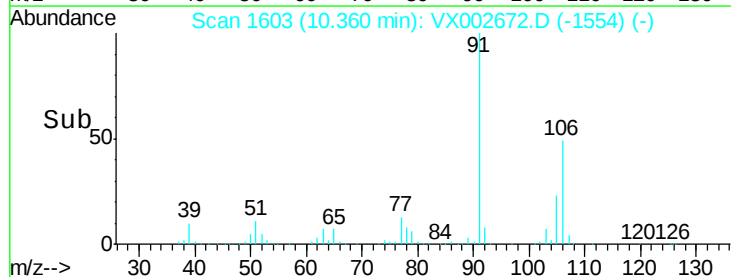
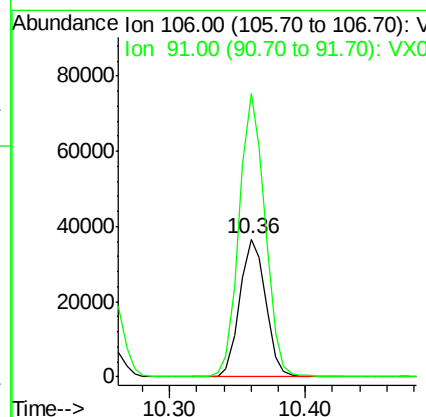
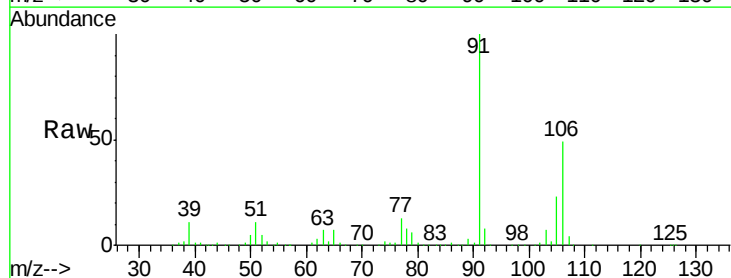
Instrument :
MSVOA_X
ClientSampled :
OILY-WATER

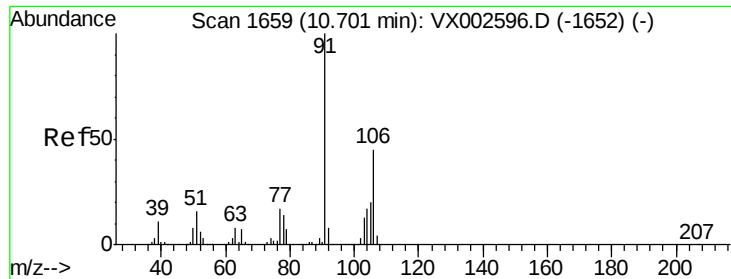
Tot Ion: 91 Resp: 35086
Ion Ratio Lower Upper
91 100
106 32.5 25.5 38.3



#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

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

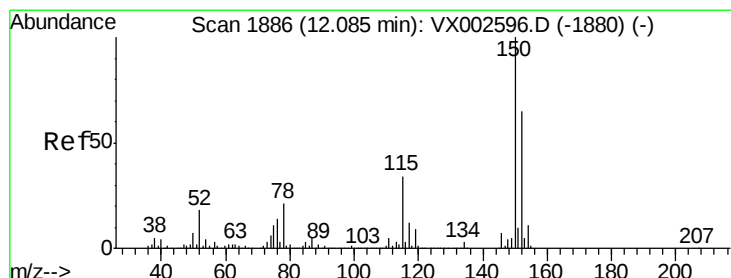
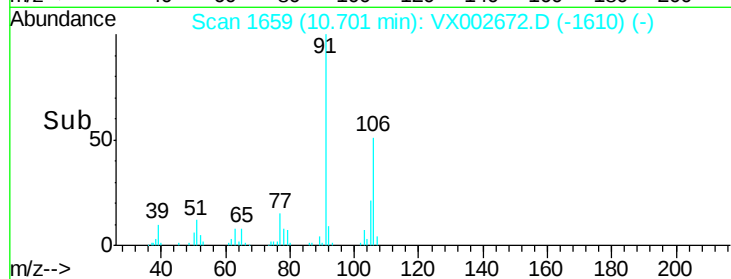
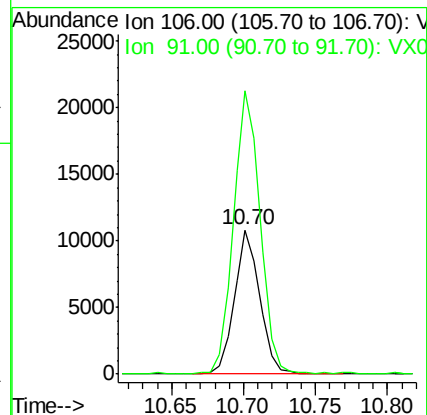
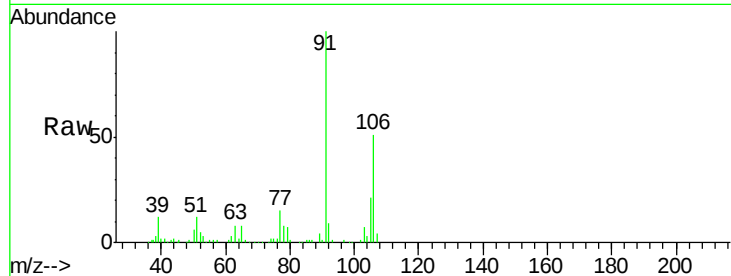




#69
o-Xylene
Concen: 3.081 ug/l
RT: 10.70 min Scan# 1659
Delta R.T. 0.00 min
Lab File: VX002672.D
Acq: 17 Jun 2018 02:29

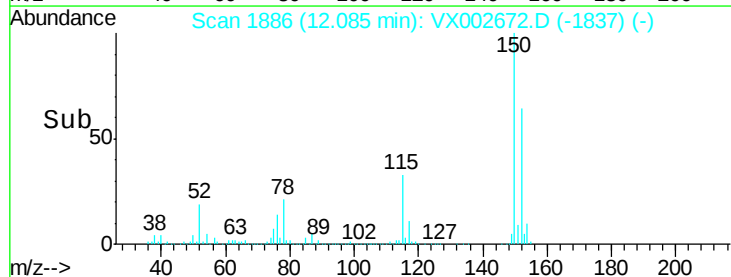
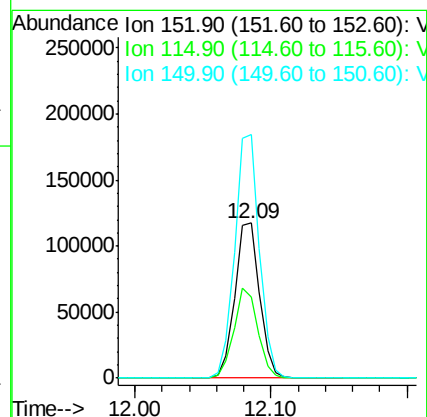
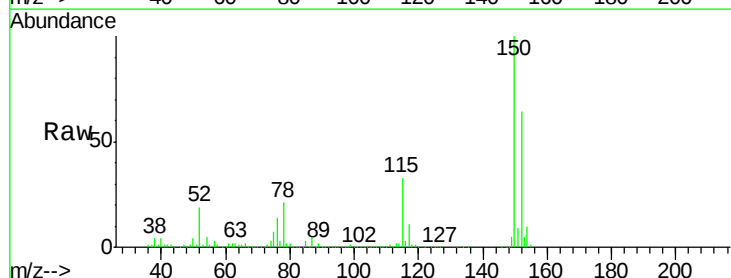
Instrument :
MSVOA_X
ClientSampled :
OILY-WATER

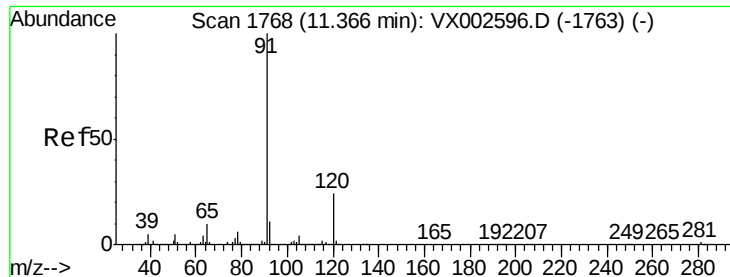
Tot Ion:106 Resp: 13361
Ion Ratio Lower Upper
106 100
91 206.5 108.2 324.6



#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

Tgt Ion:152 Resp: 148296
Ion Ratio Lower Upper
152 100
115 56.0 40.1 120.2
150 156.0 0.0 347.2





#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

Instrument :

MSVOA_X

ClientSampled :

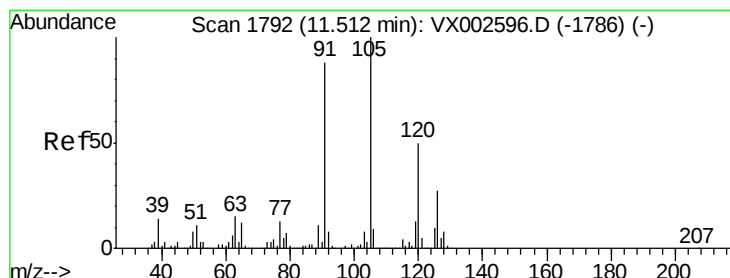
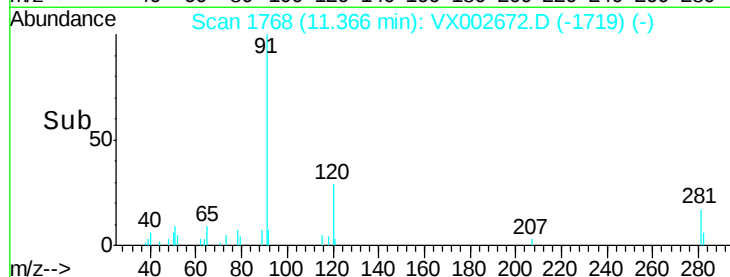
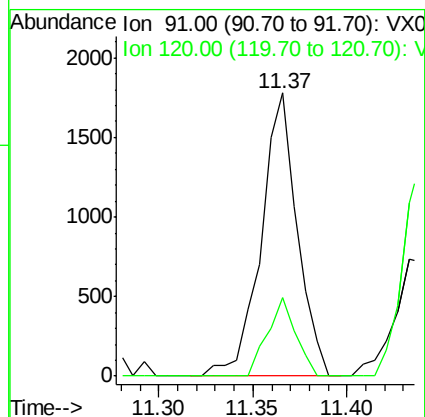
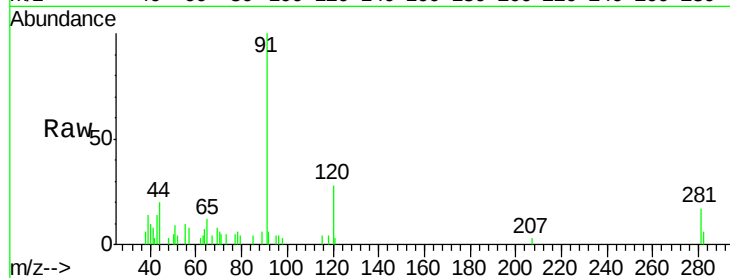
OILY-WATER

Tot Ion: 91 Resp: 2354

Ion Ratio Lower Upper

91 100

120 21.7 11.8 35.4



#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

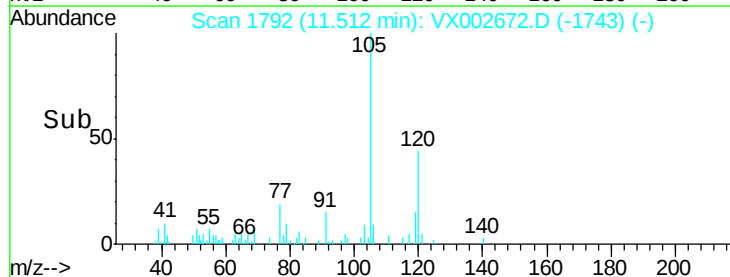
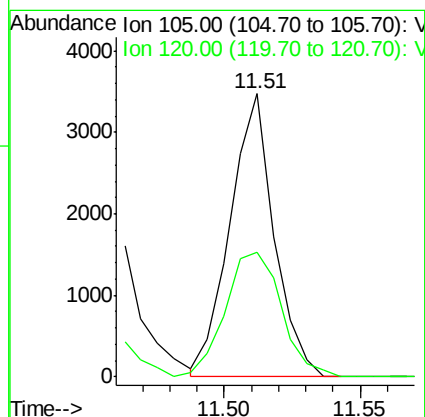
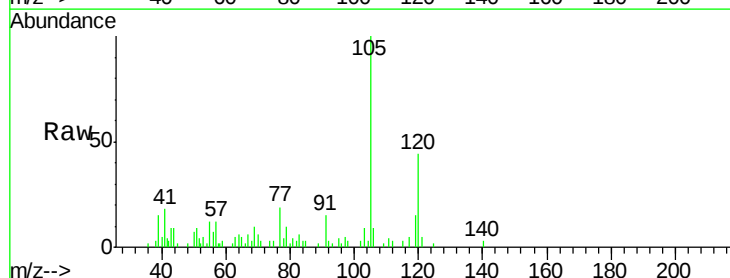
Acq: 17 Jun 2018 02:29

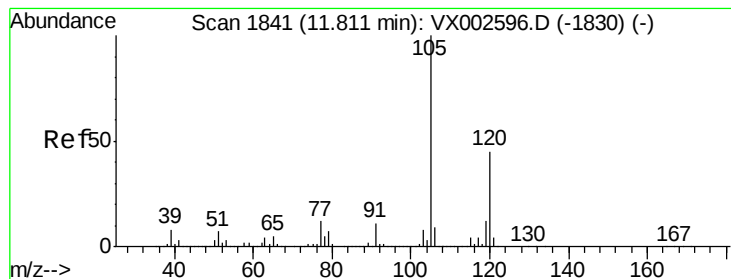
Tgt Ion: 105 Resp: 3917

Ion Ratio Lower Upper

105 100

120 56.1 24.4 73.4





#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

Instrument :

MSVOA_X

ClientSampled :

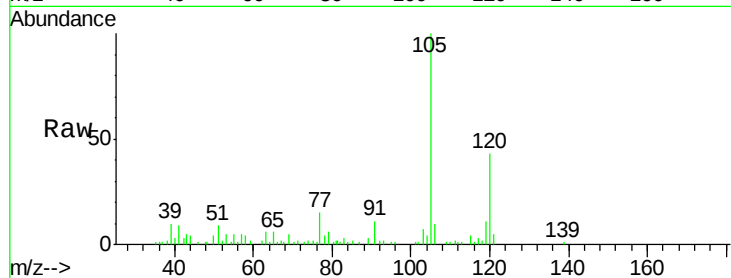
OILY-WATER

Tot Ion:105 Resp: 9527

Ion Ratio Lower Upper

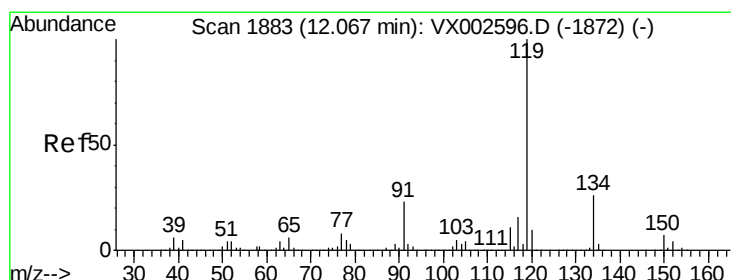
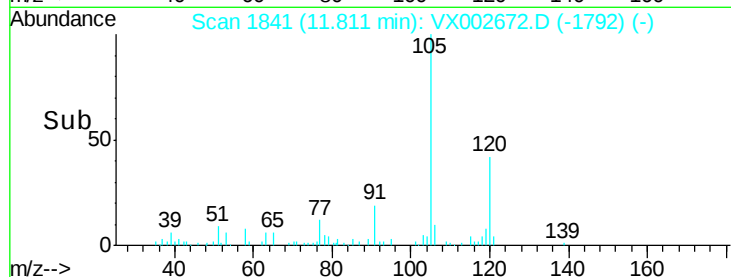
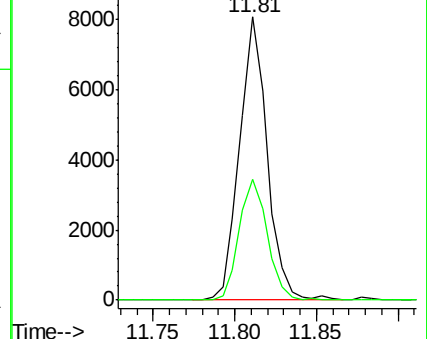
105 100

120 43.5 22.3 66.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#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

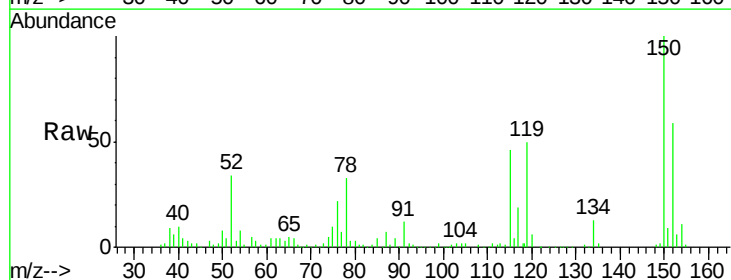
Tgt Ion:119 Resp: 16408

Ion Ratio Lower Upper

119 100

134 26.2 13.4 40.1

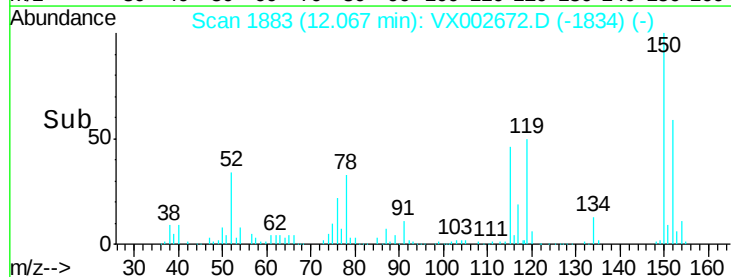
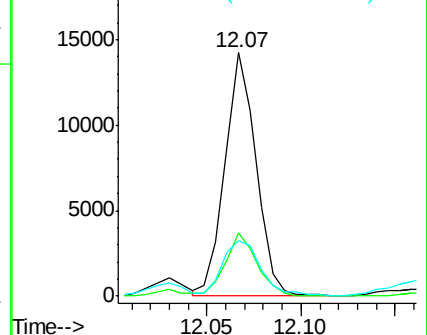
91 27.9 11.9 35.7

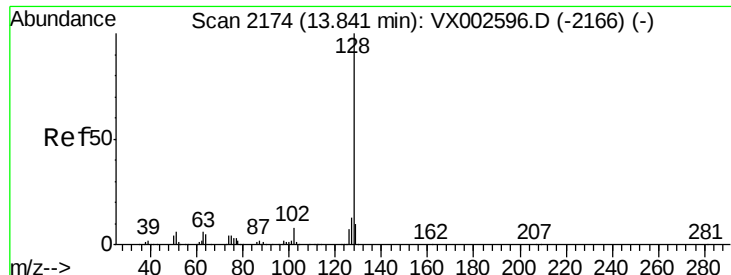


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

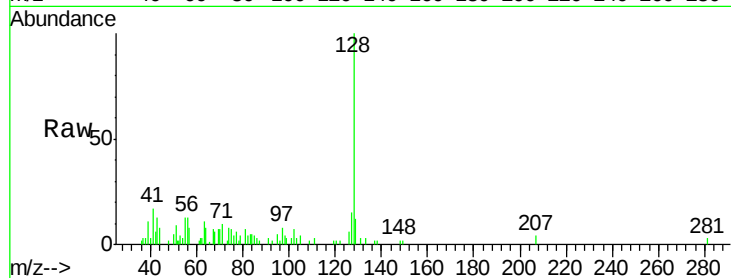




#95
Naphthalene
Concen: 0.470 ug/l
RT: 13.84 min Scan# 2174
Delta R.T. 0.00 min
Lab File: VX002672.D
Acq: 17 Jun 2018 02:29

Instrument :
MSVOA_X
ClientSampleId :
OILY-WATER

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



Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V

