

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX121418\
 Data File : VX006516.D
 Acq On : 14 Dec 2018 14:18
 Operator : JC/MD
 Sample : J6403-65 4X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TP-3-OILY-WATER

Quant Time: Dec 17 12:37:23 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X112918W.M
 Quant Title : SW846 8260
 QLast Update : Fri Nov 30 03:55:33 2018
 Response via : Initial Calibration

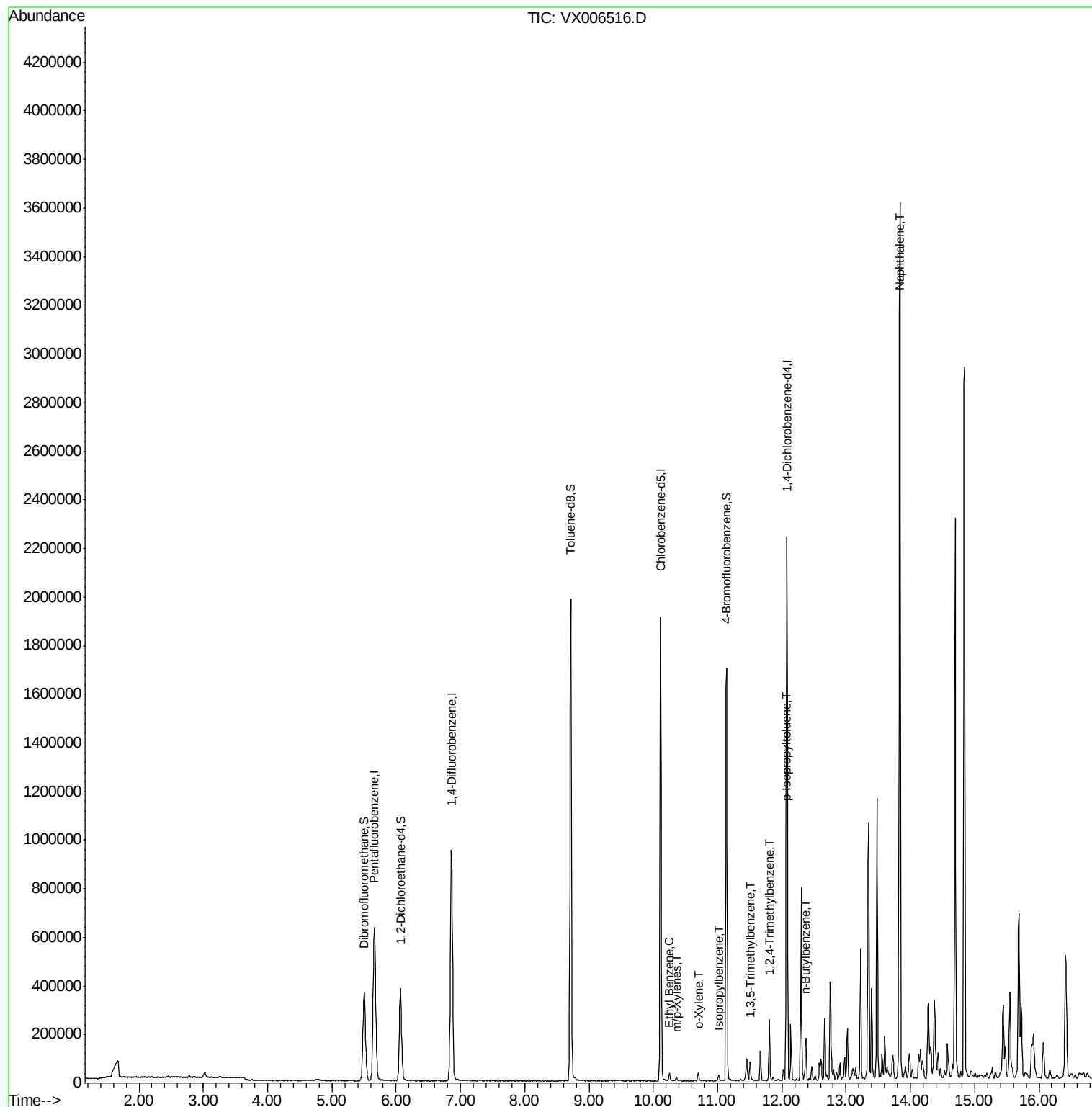
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	656304	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	1041978	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	957539	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	477313	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	355959	53.13	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.26%	
35) Dibromofluoromethane	5.50	113	310248	45.99	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.98%	
50) Toluene-d8	8.71	98	1228971	50.08	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.16%	
62) 4-Bromofluorobenzene	11.13	95	461894	49.95	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.90%	
Target Compounds						
67) Ethyl Benzene	10.25	91	19299	0.571	ug/l	94
68) m/p-Xylenes	10.36	106	3875	0.286	ug/l	93
69) o-Xylene	10.70	106	7890	0.590	ug/l	99
73) Isopropylbenzene	11.02	105	11732	0.356	ug/l	95
80) 1,3,5-Trimethylbenzene	11.51	105	33198	1.210	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	108929	3.846	ug/l	99
86) p-Isopropyltoluene	12.06	119	13411	0.447	ug/l	85
89) n-Butylbenzene	12.37	91	15832	0.619	ug/l #	1
95) Naphthalene	13.83	128	2331065	63.585	ug/l	100

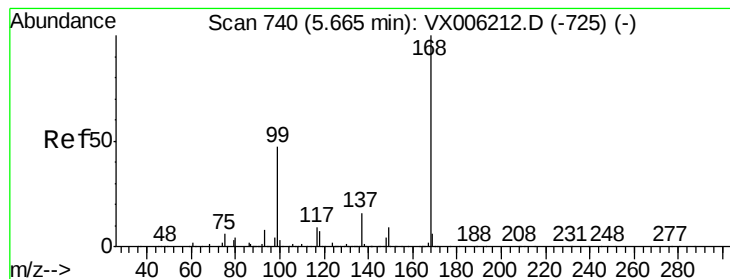
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_X\DATA\VX121418\
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MSVOA_X
ClientSampleId :
TP-3-OILY-WATER

Quant Time: Dec 17 12:37:23 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X112918W.M
Quant Title : SW846 8260
QLast Update : Fri Nov 30 03:55:33 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.01 min

Lab File: VX006516.D

Acq: 14 Dec 2018 14:18

Instrument :

MSVOA_X

ClientSampleId :

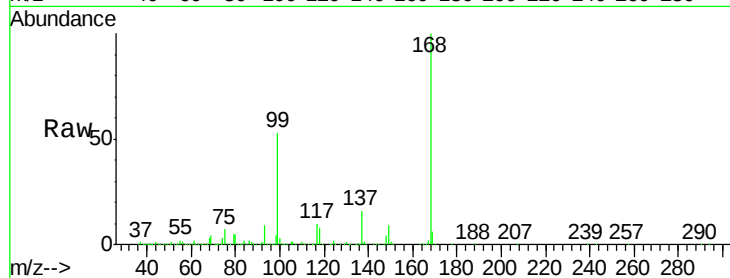
TP-3-OILY-WATER

Tgt Ion:168 Resp: 656304

Ion Ratio Lower Upper

168 100

99 52.5 37.8 56.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.66

250000

200000

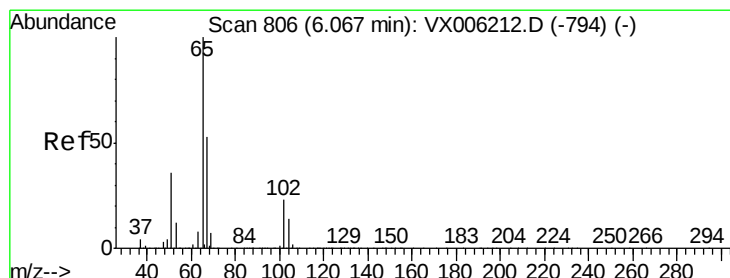
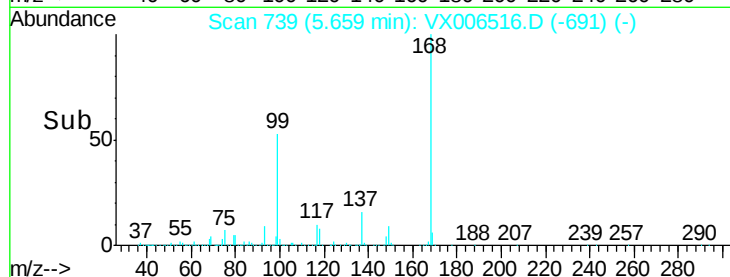
150000

100000

50000

0

Time--> 5.50 5.60 5.70 5.80



#33

1,2-Dichloroethane-d4

Concen: 53.130 ug/l

RT: 6.07 min Scan# 806

Delta R.T. 0.00 min

Lab File: VX006516.D

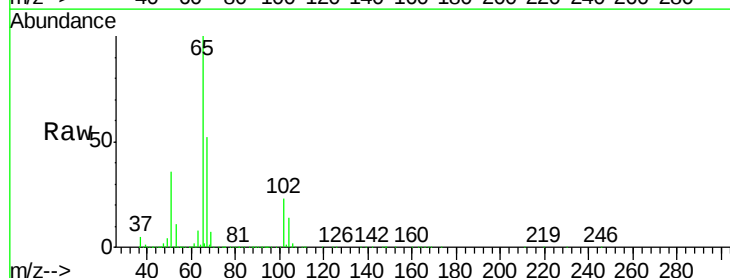
Acq: 14 Dec 2018 14:18

Tgt Ion: 65 Resp: 355959

Ion Ratio Lower Upper

65 100

67 51.9 0.0 107.2



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.07

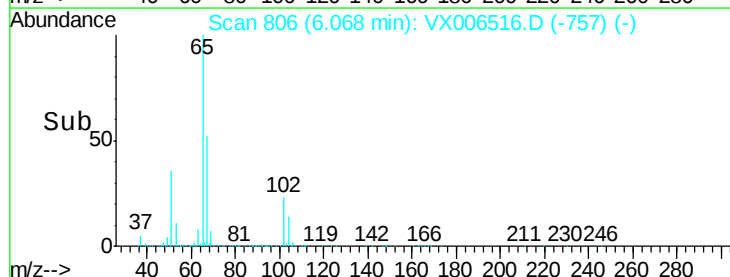
150000

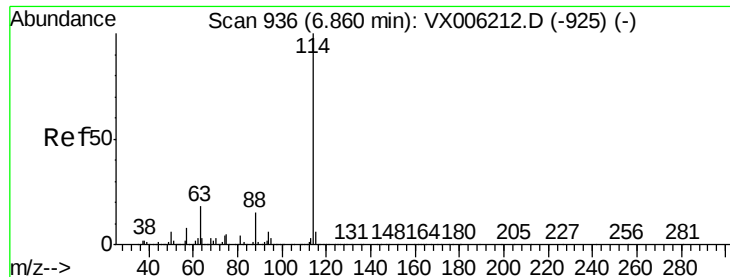
100000

50000

0

Time--> 6.00 6.10 6.20





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. 0.00 min

Lab File: VX006516.D

Acq: 14 Dec 2018 14:18

Instrument :

MSVOA_X

ClientSampleId :

TP-3-OILY-WATER

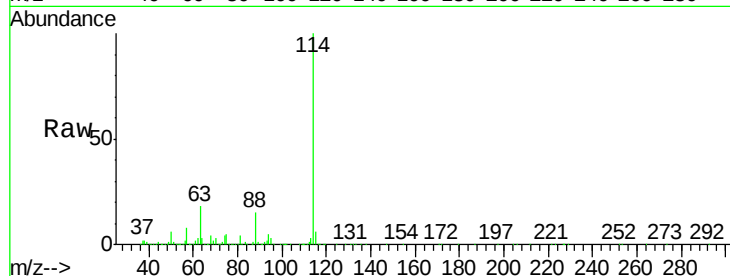
Tgt Ion:114 Resp: 1041978

Ion Ratio Lower Upper

114 100

63 17.5 0.0 36.6

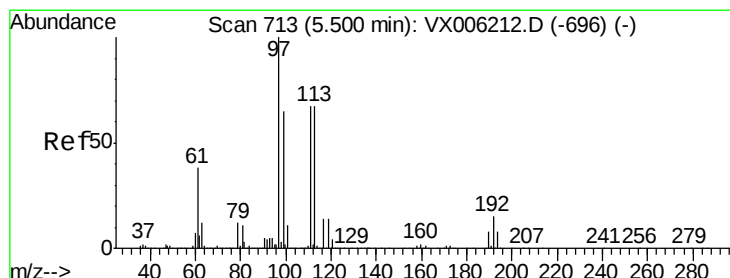
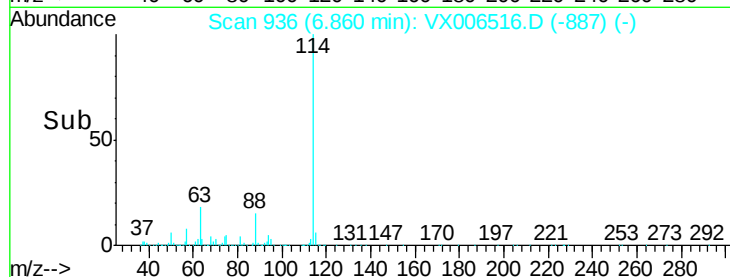
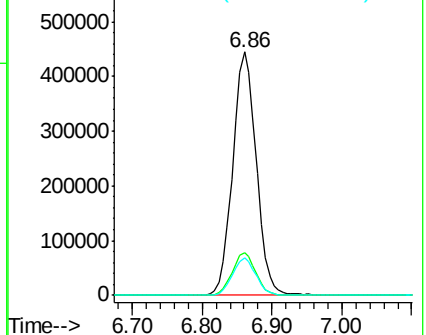
88 15.2 0.0 29.0



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: 45.987 ug/l

RT: 5.50 min Scan# 713

Delta R.T. 0.00 min

Lab File: VX006516.D

Acq: 14 Dec 2018 14:18

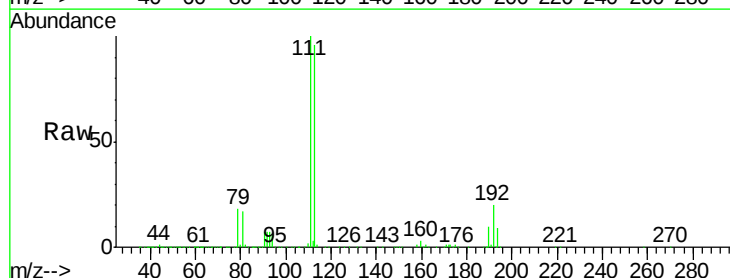
Tgt Ion:113 Resp: 310248

Ion Ratio Lower Upper

113 100

111 102.7 81.1 121.7

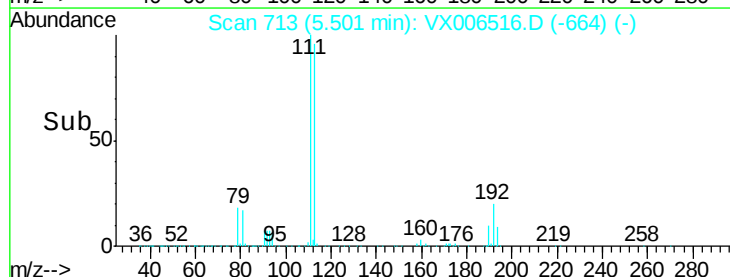
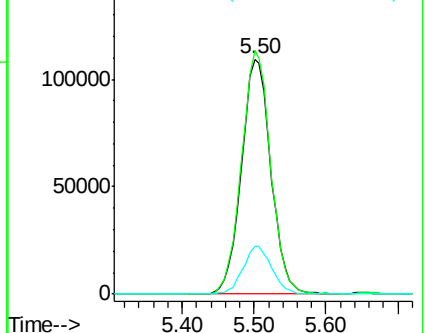
192 20.0 18.2 27.2



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: 50.081 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX006516.D

Acq: 14 Dec 2018 14:18

Instrument :

MSVOA_X

ClientSampleId :

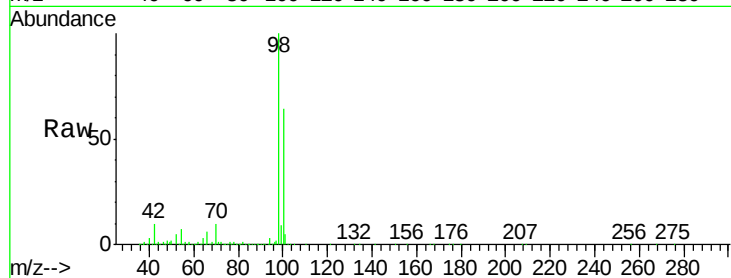
TP-3-OILY-WATER

Tgt Ion: 98 Resp: 1228971

Ion Ratio Lower Upper

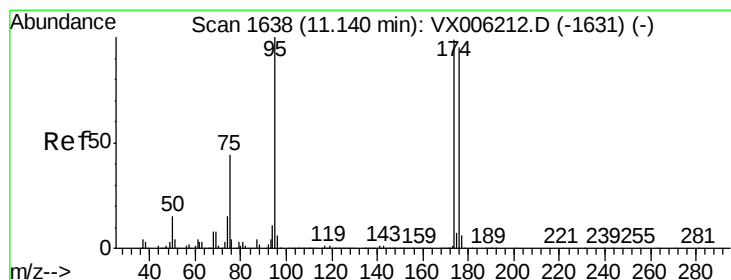
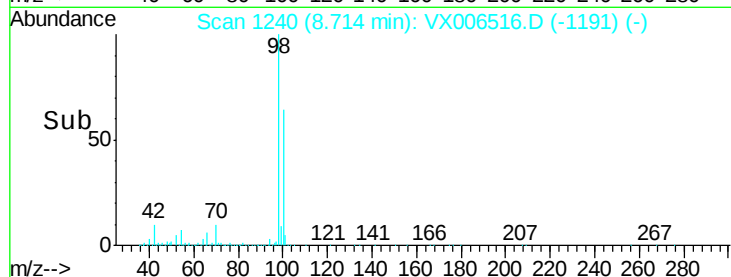
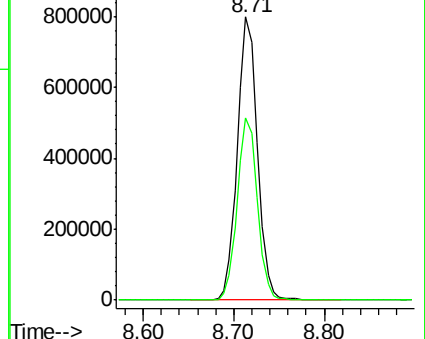
98 100

100 64.7 52.2 78.2



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX



#62

4-Bromofluorobenzene

Concen: 49.950 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.01 min

Lab File: VX006516.D

Acq: 14 Dec 2018 14:18

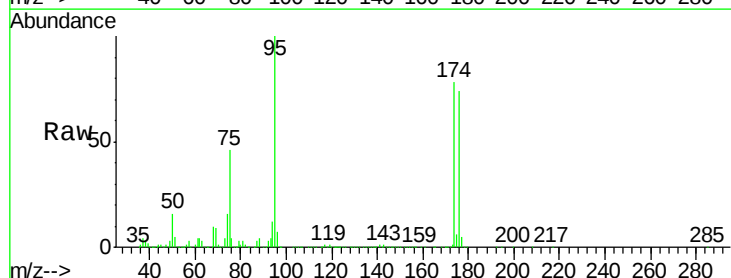
Tgt Ion: 95 Resp: 461894

Ion Ratio Lower Upper

95 100

174 86.2 0.0 187.0

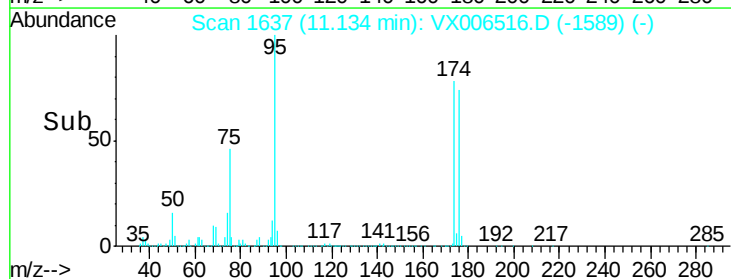
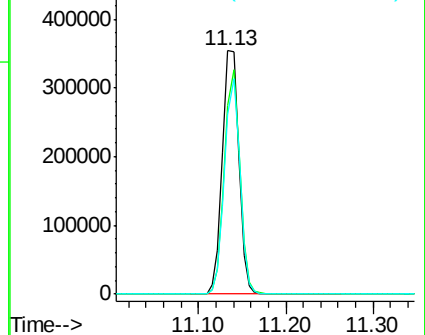
176 83.2 0.0 181.8

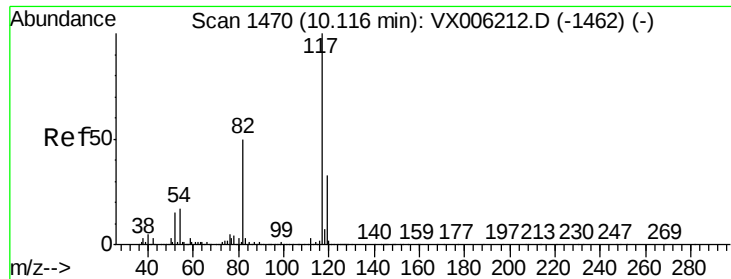


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

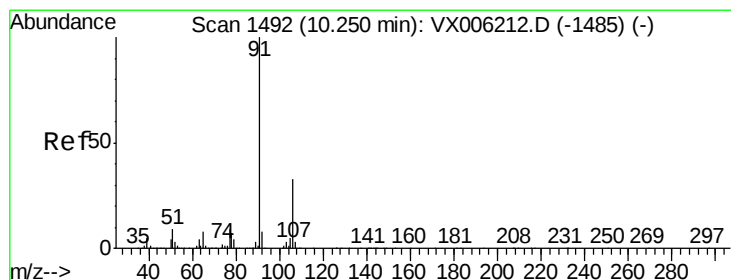
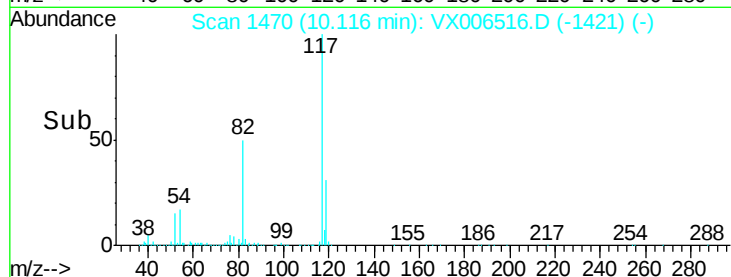
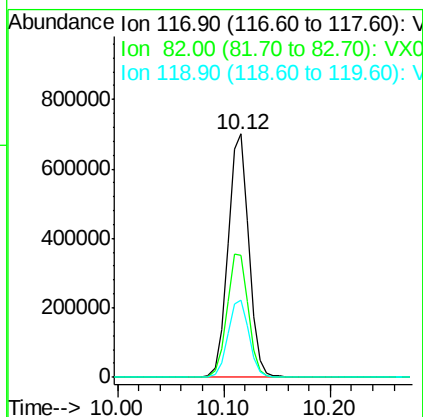
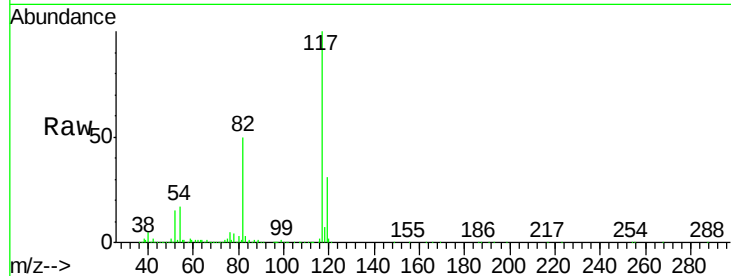




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.00 min
Lab File: VX006516.D
Acq: 14 Dec 2018 14:18

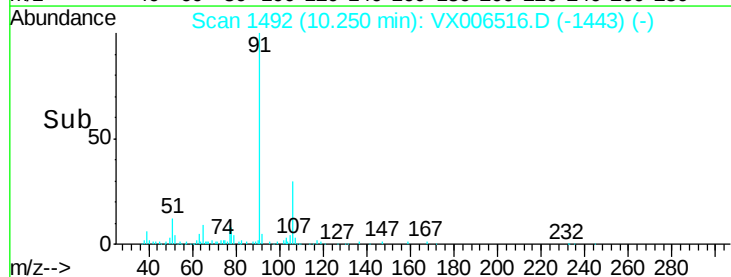
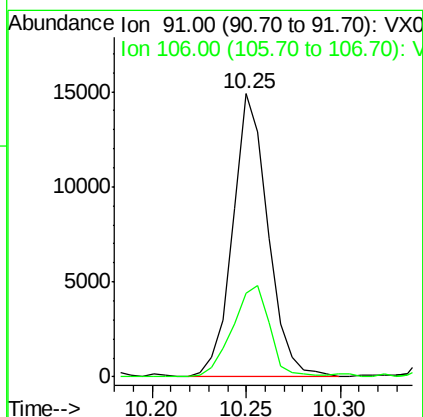
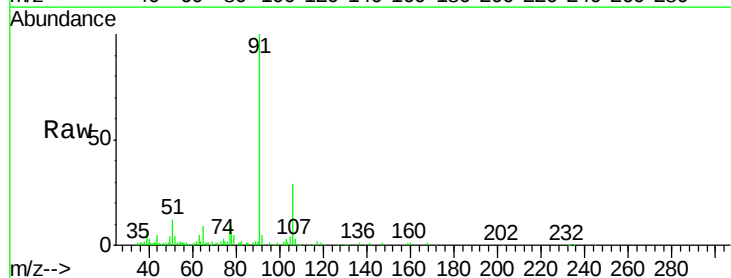
Instrument :
MSVOA_X
ClientSampleId :
TP-3-OILY-WATER

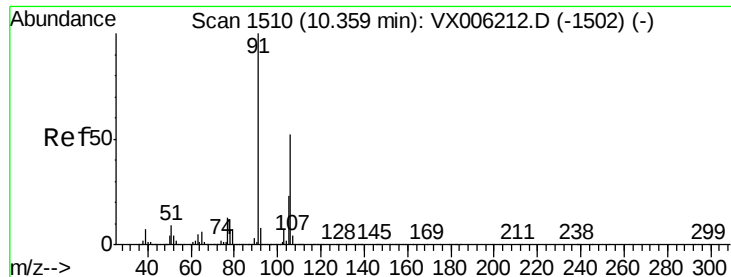
Tgt Ion: 117 Resp: 957539
Ion Ratio Lower Upper
117 100
82 50.1 39.6 59.4
119 31.5 26.3 39.5



#67
Ethyl Benzene
Concen: 0.571 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. 0.00 min
Lab File: VX006516.D
Acq: 14 Dec 2018 14:18

Tgt Ion: 91 Resp: 19299
Ion Ratio Lower Upper
91 100
106 29.5 26.5 39.7

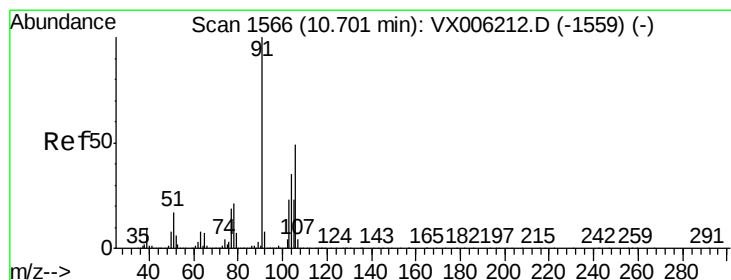
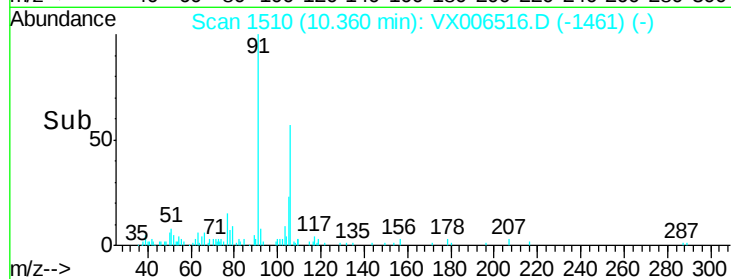
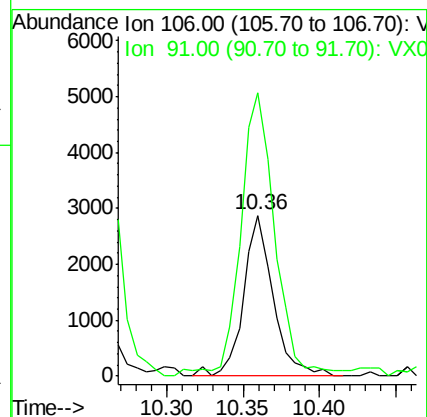
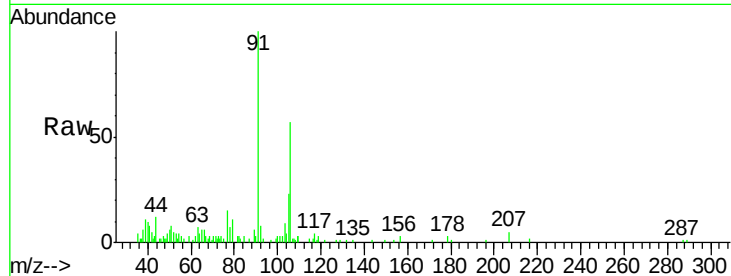




#68
m/p-Xylenes
Concen: 0.286 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. 0.00 min
Lab File: VX006516.D
Acq: 14 Dec 2018 14:18

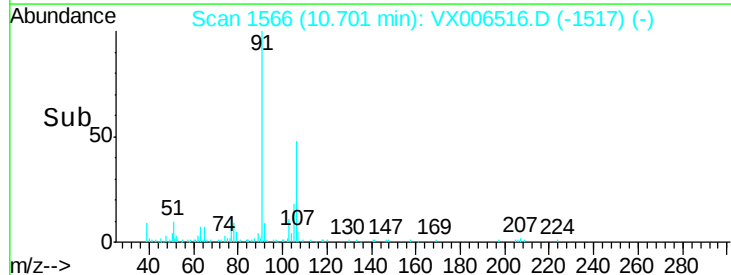
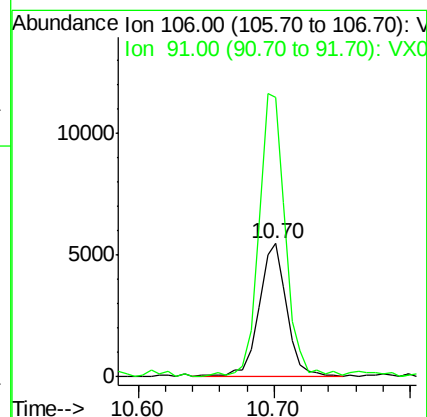
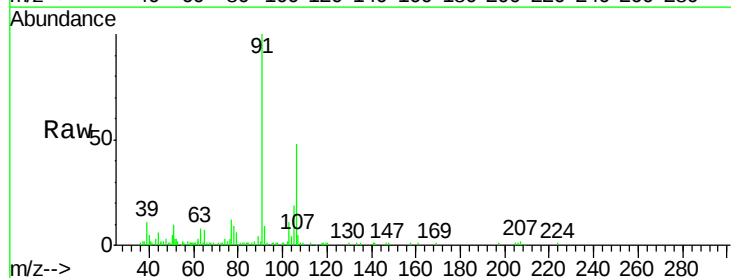
Instrument :
MSVOA_X
ClientSampleId :
TP-3-OILY-WATER

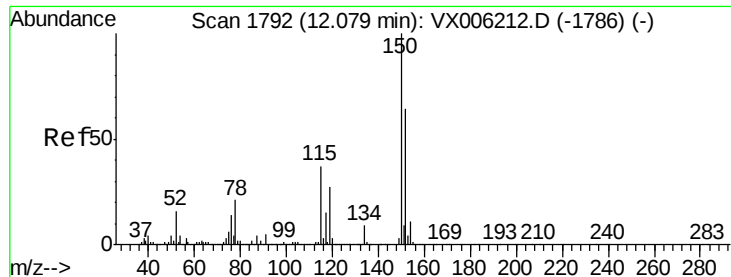
Tgt Ion:106 Resp: 3875
Ion Ratio Lower Upper
106 100
91 204.0 155.2 232.8



#69
o-Xylene
Concen: 0.590 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. 0.00 min
Lab File: VX006516.D
Acq: 14 Dec 2018 14:18

Tgt Ion:106 Resp: 7890
Ion Ratio Lower Upper
106 100
91 202.2 101.8 305.6





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX006516.D

Acq: 14 Dec 2018 14:18

Instrument :

MSVOA_X

ClientSampleId :

TP-3-OILY-WATER

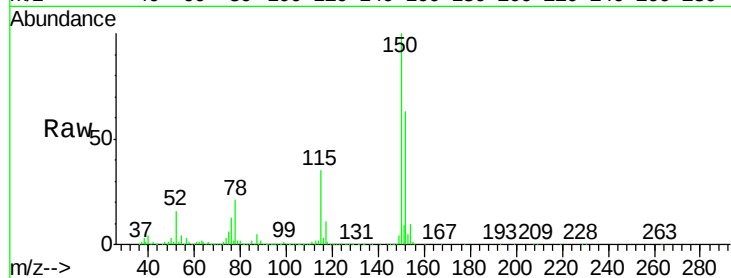
Tgt Ion:152 Resp: 477313

Ion Ratio Lower Upper

152 100

115 56.5 39.0 116.9

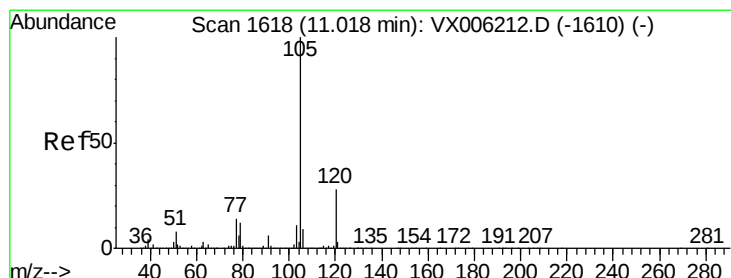
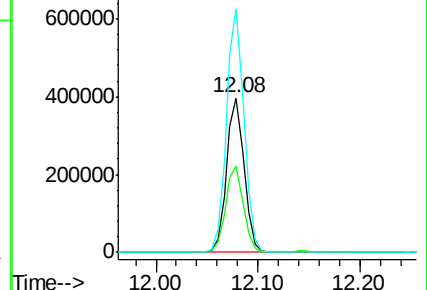
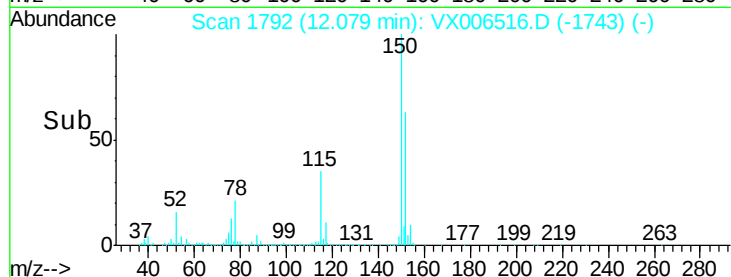
150 157.3 0.0 345.8



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: 0.356 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VX006516.D

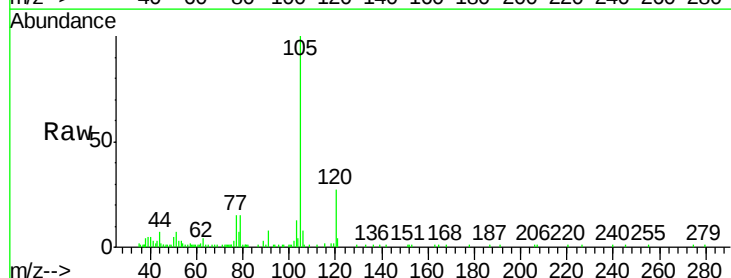
Acq: 14 Dec 2018 14:18

Tgt Ion:105 Resp: 11732

Ion Ratio Lower Upper

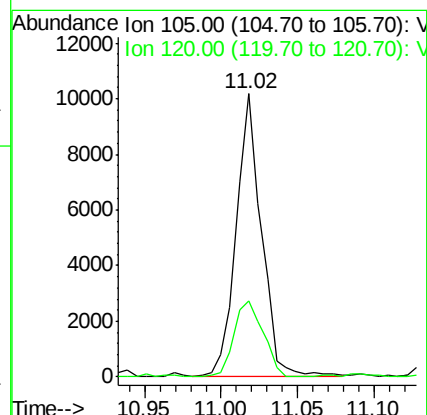
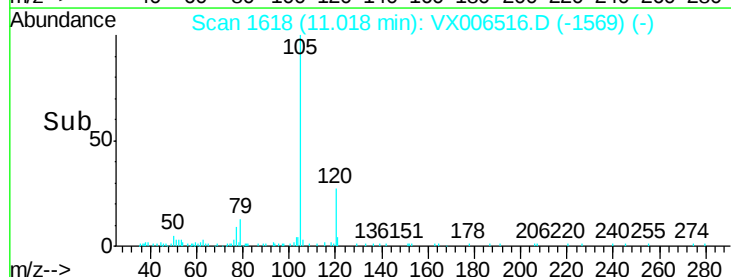
105 100

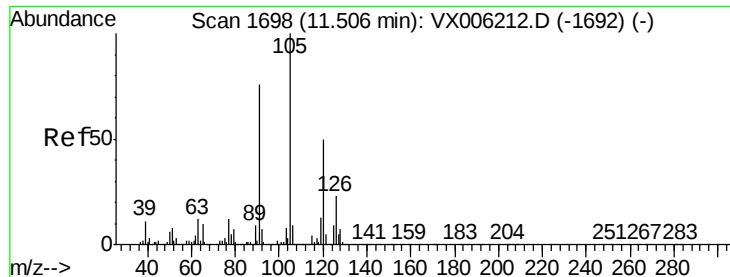
120 30.7 14.1 42.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#80

1,3,5-Trimethylbenzene

Concen: 1.210 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. 0.00 min

Lab File: VX006516.D

Acq: 14 Dec 2018 14:18

Instrument :

MSVOA_X

ClientSampleId :

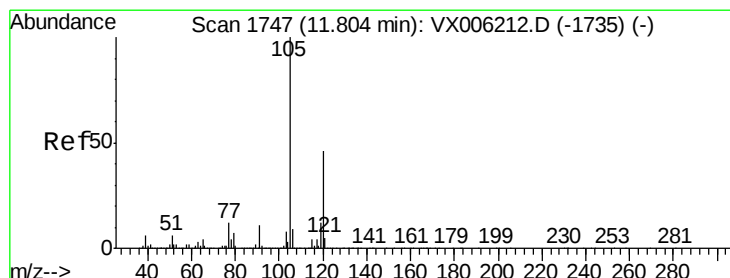
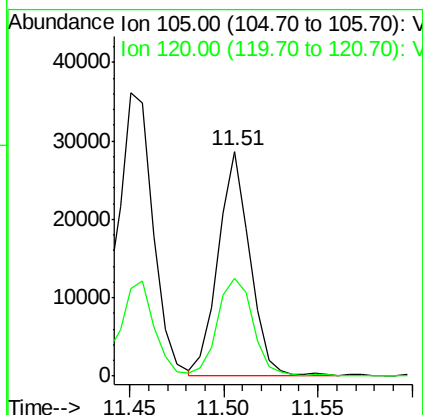
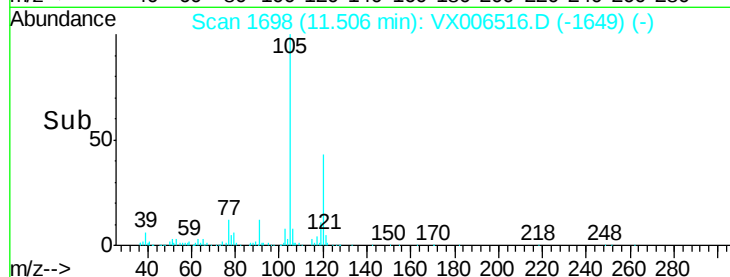
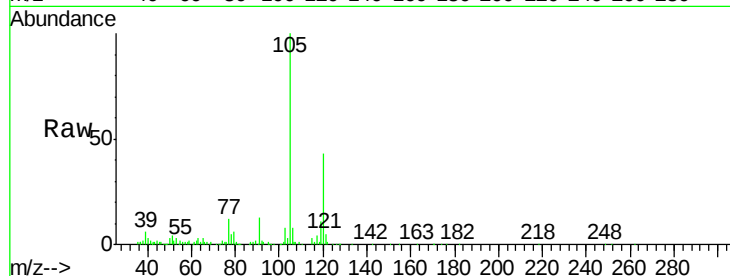
TP-3-OILY-WATER

Tgt Ion:105 Resp: 33198

Ion Ratio Lower Upper

105 100

120 49.8 25.4 76.0



#84

1,2,4-Trimethylbenzene

Concen: 3.846 ug/l

RT: 11.80 min Scan# 1747

Delta R.T. 0.00 min

Lab File: VX006516.D

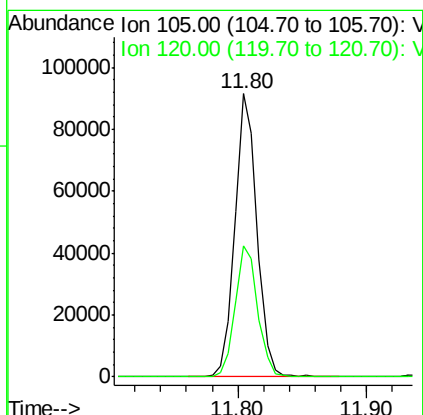
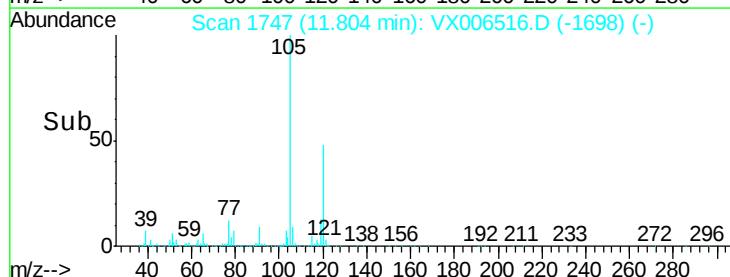
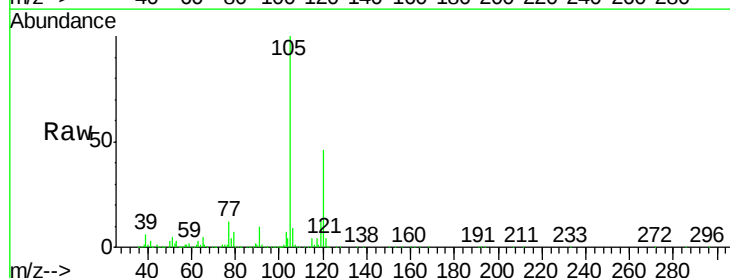
Acq: 14 Dec 2018 14:18

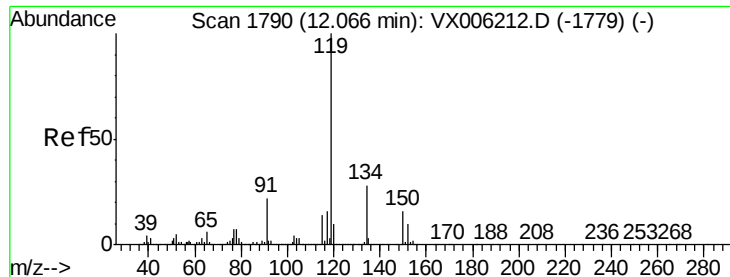
Tgt Ion:105 Resp: 108929

Ion Ratio Lower Upper

105 100

120 47.6 23.4 70.0

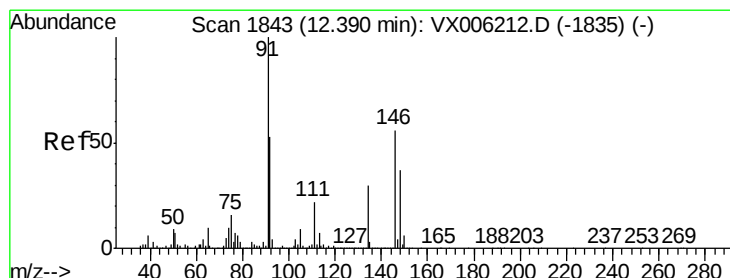
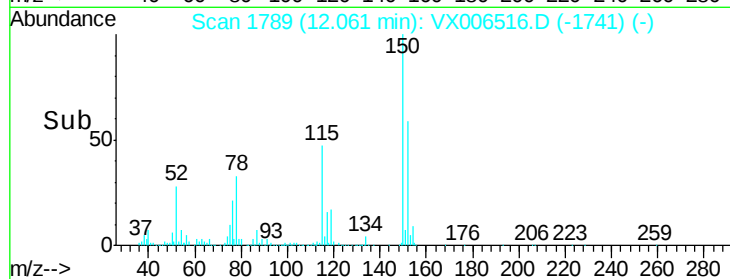
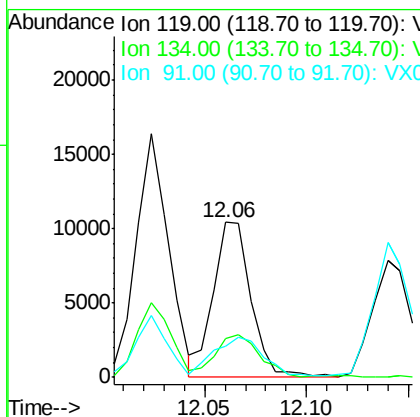
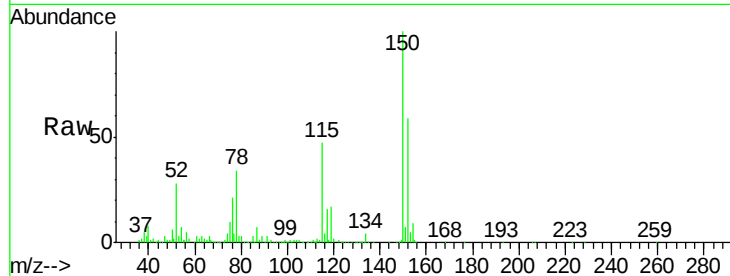




#86
p-Isopropyltoluene
Concen: 0.447 ug/l
RT: 12.06 min Scan# 1789
Delta R.T. -0.01 min
Lab File: VX006516.D
Acq: 14 Dec 2018 14:18

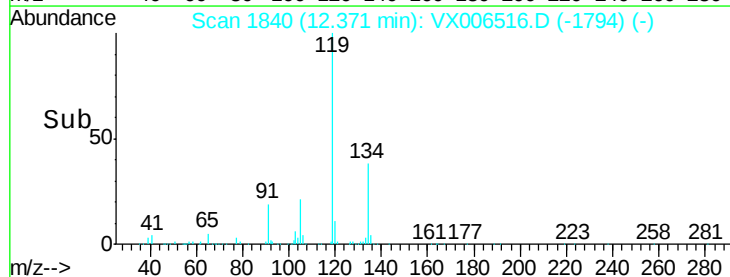
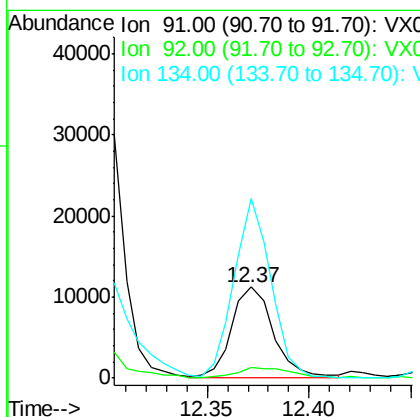
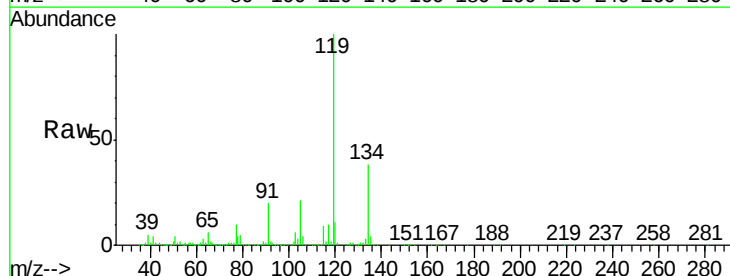
Instrument :
MSVOA_X
ClientSampleId :
TP-3-OILY-WATER

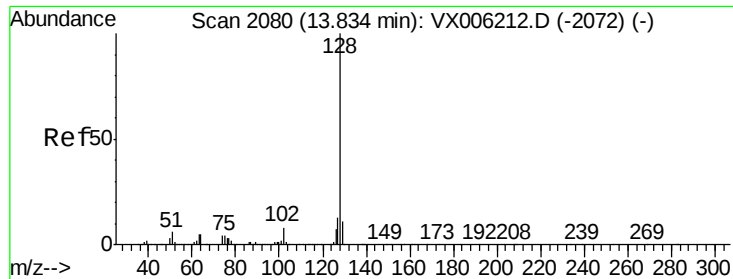
Tgt Ion: 119 Resp: 13411
Ion Ratio Lower Upper
119 100
134 32.4 13.9 41.6
91 33.1 11.3 33.8



#89
n-Butylbenzene
Concen: 0.619 ug/l
RT: 12.37 min Scan# 1840
Delta R.T. -0.02 min
Lab File: VX006516.D
Acq: 14 Dec 2018 14:18

Tgt Ion: 91 Resp: 15832
Ion Ratio Lower Upper
91 100
92 14.3 26.6 79.8#
134 176.2 14.8 44.3#





#95
Naphthalene
Concen: 63.585 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. 0.00 min
Lab File: VX006516.D
Acq: 14 Dec 2018 14:18

Instrument :
MSVOA_X
ClientSampleId :
TP-3-OILY-WATER

Tgt Ion:128 Resp: 2331065
Ion Ratio Lower Upper
128 100
127 13.0 10.2 15.4
129 11.2 8.9 13.3

