

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN092018\
 Data File : VN051347.D
 Acq On : 20 Sep 2018 18:31
 Operator : MD\SY
 Sample : J4993-06
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 NS-OILY-WATER

Quant Time: Sep 21 07:07:02 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N092018W.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 21 03:27:45 2018
 Response via : Initial Calibration

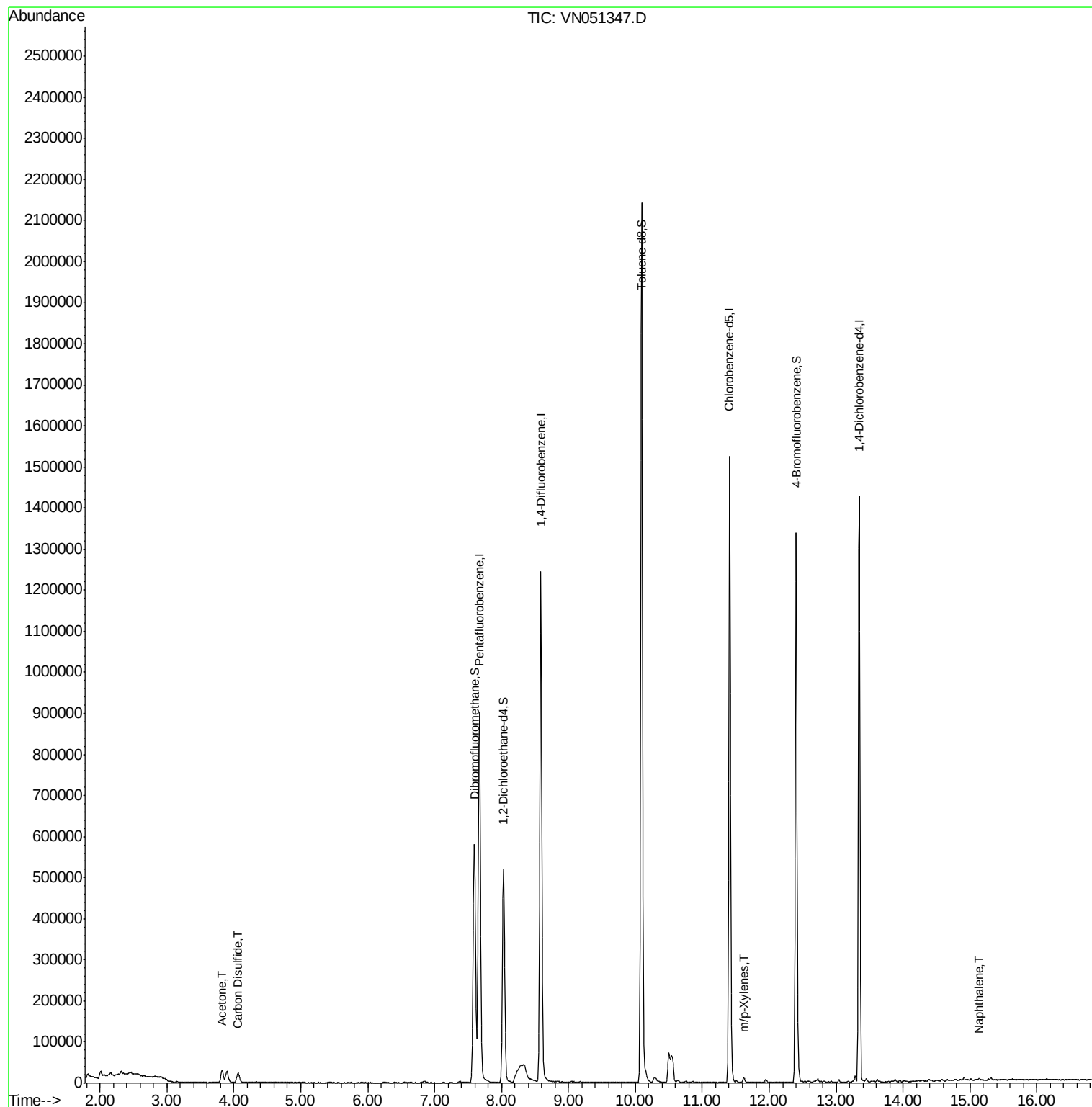
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	827203	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1192761	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1004539	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	427543	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	444531	49.58	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.16%	
35) Dibromofluoromethane	7.59	113	450484	46.74	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.48%	
50) Toluene-d8	10.09	98	1612905	43.53	ug/l	0.00
Spiked Amount 50.000			Recovery	=	87.06%	
62) 4-Bromofluorobenzene	12.40	95	459062	38.08	ug/l	0.00
Spiked Amount 50.000			Recovery	=	76.16%	
Target Compounds						
16) Acetone	3.82	43	52576	28.546	ug/l	92
17) Carbon Disulfide	4.06	76	24498	1.051	ug/l #	93
68) m/p-Xylenes	11.62	106	4511	0.306	ug/l	99
95) Naphthalene	15.14	128	3998	0.352	ug/l #	89

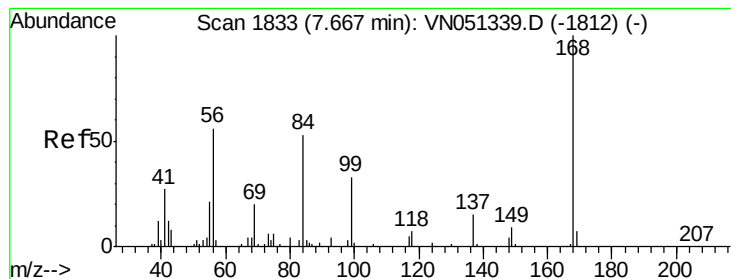
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VN051347.D

Acq: 20 Sep 2018 18:31

Instrument :

MSVOA_N

ClientSampleId :

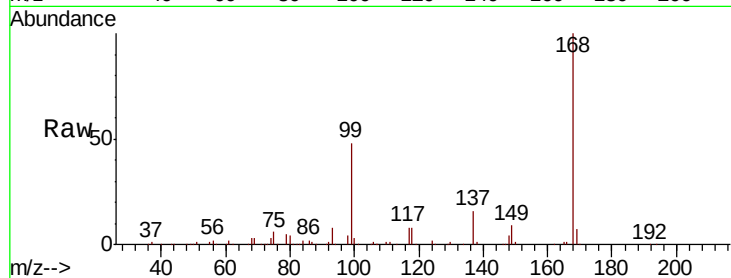
NS-OILY-WATER

Tot Ion:168 Resp: 827203

Ion Ratio Lower Upper

168 100

99 48.2 37.1 55.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.67

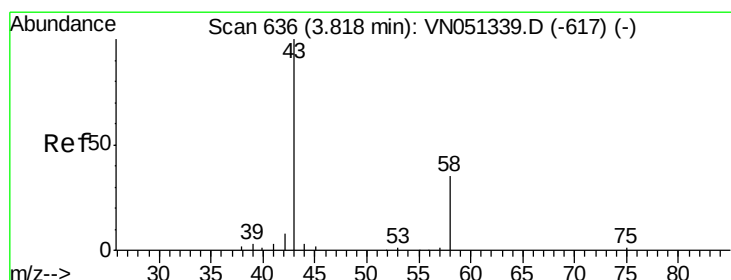
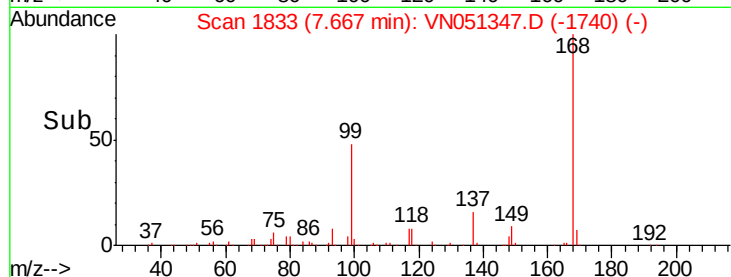
300000

200000

100000

0

Time-->



#16

Acetone

Concen: 28.546 ug/l

RT: 3.82 min Scan# 638

Delta R.T. 0.01 min

Lab File: VN051347.D

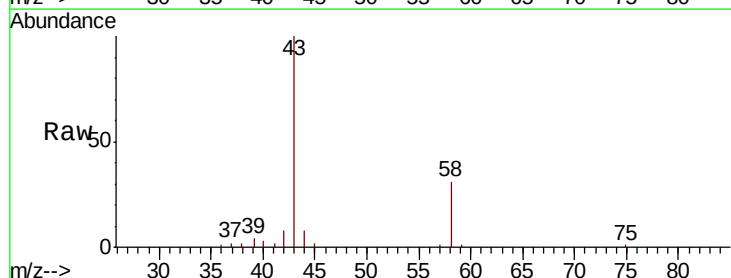
Acq: 20 Sep 2018 18:31

Tgt Ion: 43 Resp: 52576

Ion Ratio Lower Upper

43 100

58 31.0 28.3 42.5



Abundance Ion 43.00 (42.70 to 43.70): VN

Ion 58.00 (57.70 to 58.70): VN

3.82

20000

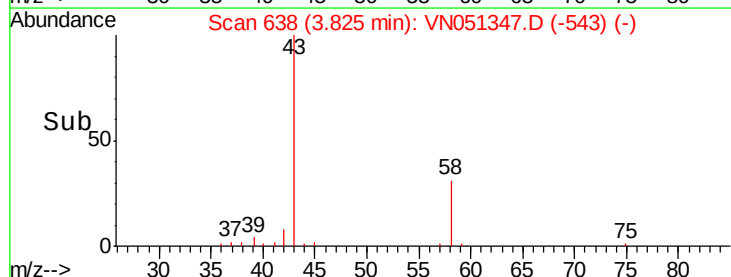
15000

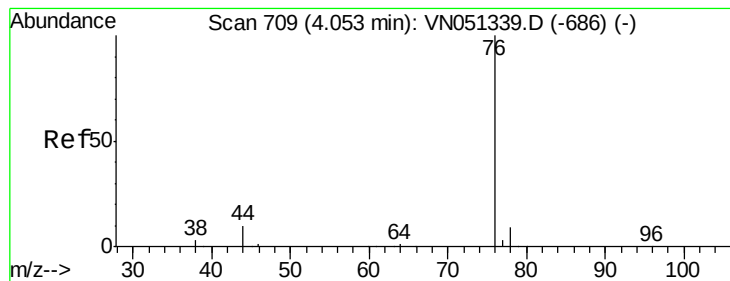
10000

5000

0

Time-->





#17

Carbon Disulfide

Concen: 1.051 ug/l

RT: 4.06 min Scan# 710

Delta R.T. 0.00 min

Lab File: VN051347.D

Acq: 20 Sep 2018 18:31

Instrument :

MSVOA_N

ClientSampleId :

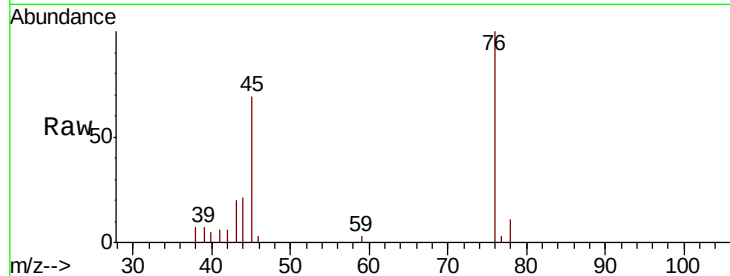
NS-OILY-WATER

Tot Ion: 76 Resp: 24498

Ion Ratio Lower Upper

76 100

78 11.4 7.0 10.6#



Abundance Ion 75.90 (75.60 to 76.60): VN051339.D (-686) (-)

Ion 77.90 (77.60 to 78.60): VN051339.D (-686) (-)

4.06

8000

6000

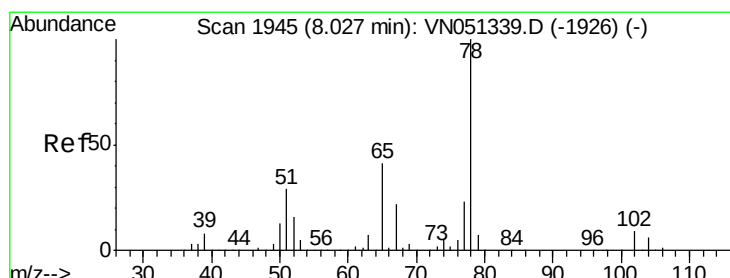
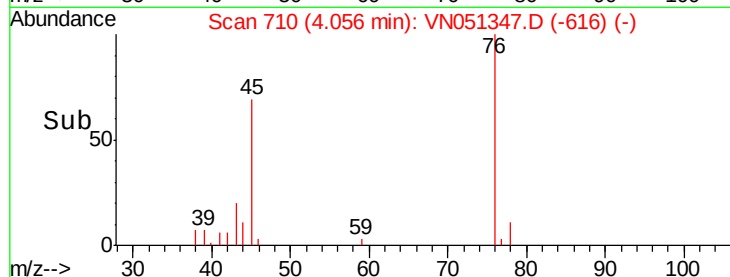
4000

2000

0

Time-->

3.95 4.00 4.05 4.10 4.15



#33

1,2-Dichloroethane-d4

Concen: 49.581 ug/l

RT: 8.03 min Scan# 1946

Delta R.T. 0.00 min

Lab File: VN051347.D

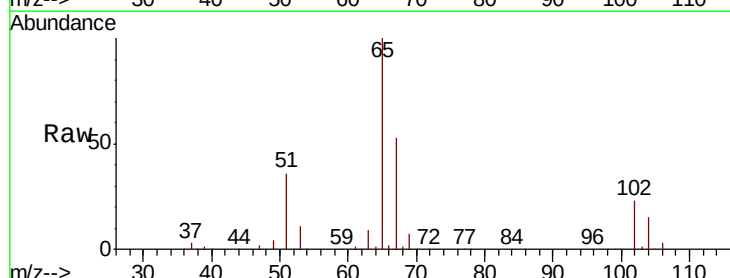
Acq: 20 Sep 2018 18:31

Tgt Ion: 65 Resp: 444531

Ion Ratio Lower Upper

65 100

67 53.7 0.0 108.8



Abundance Ion 64.90 (64.60 to 65.60): VN051339.D (-1926) (-)

Ion 66.90 (66.60 to 67.60): VN051339.D (-1926) (-)

8.03

200000

150000

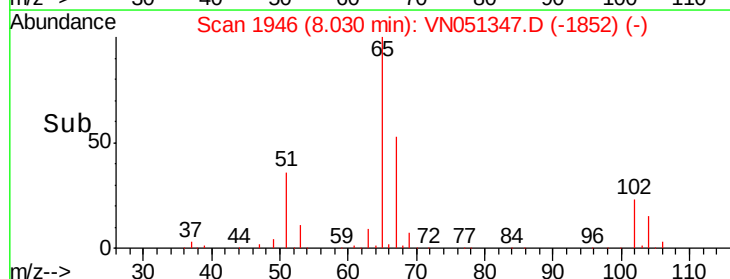
100000

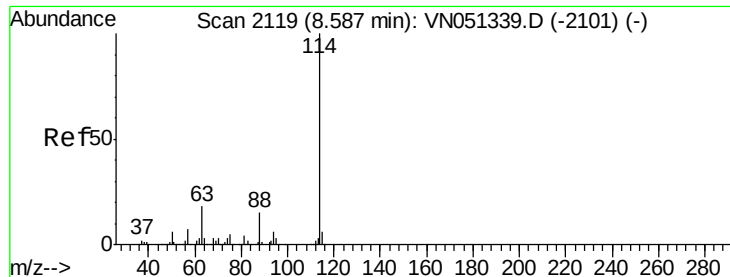
50000

0

Time-->

7.90 8.00 8.10



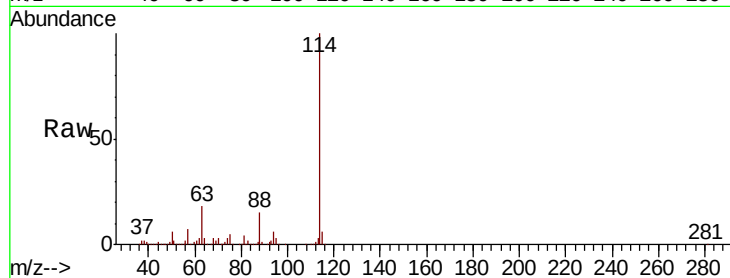


#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN051347.D
 Acq: 20 Sep 2018 18:31

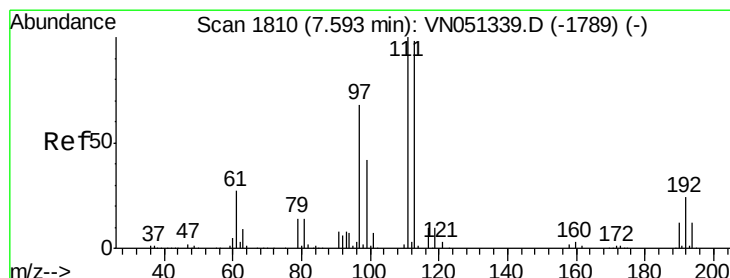
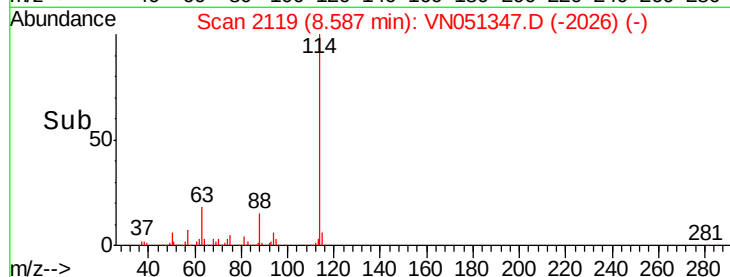
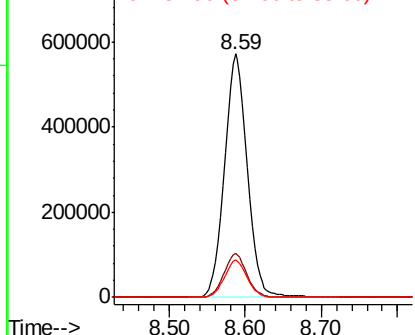
Instrument :
 MSVOA_N
 ClientSampleId :
 NS-OILY-WATER

Tot Ion:114 Resp: 1192761

Ion	Ratio	Lower	Upper
114	100		
63	18.3	0.0	36.6
88	15.3	0.0	29.8



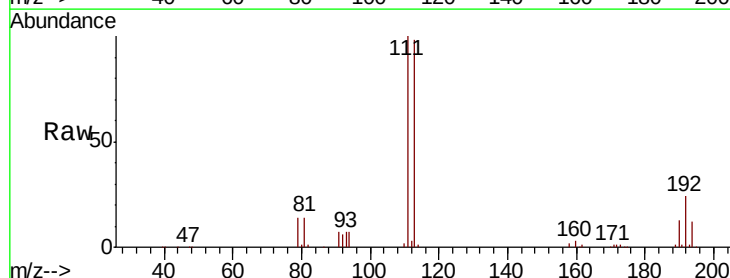
Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN



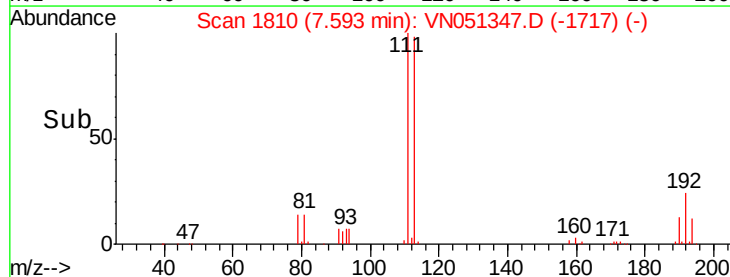
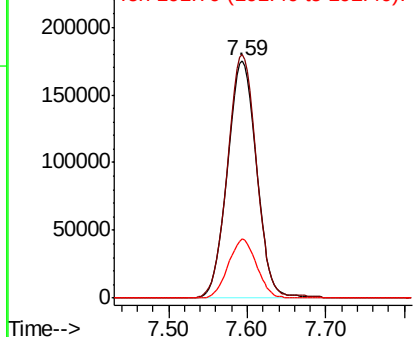
#35
 Dibromofluoromethane
 Concen: 46.735 ug/l
 RT: 7.59 min Scan# 1810
 Delta R.T. 0.00 min
 Lab File: VN051347.D
 Acq: 20 Sep 2018 18:31

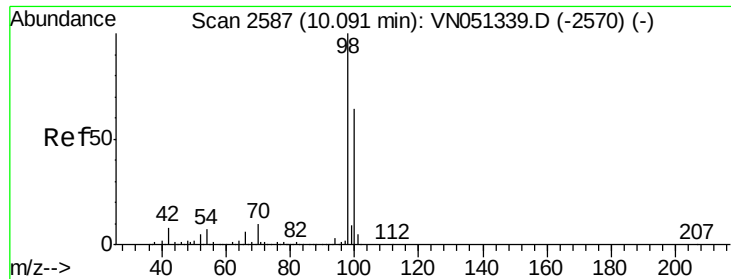
Tgt Ion:113 Resp: 450484

Ion	Ratio	Lower	Upper
113	100		
111	102.0	81.9	122.9
192	24.2	19.8	29.6



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: 43.527 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN051347.D

Acq: 20 Sep 2018 18:31

Instrument :

MSVOA_N

ClientSampleId :

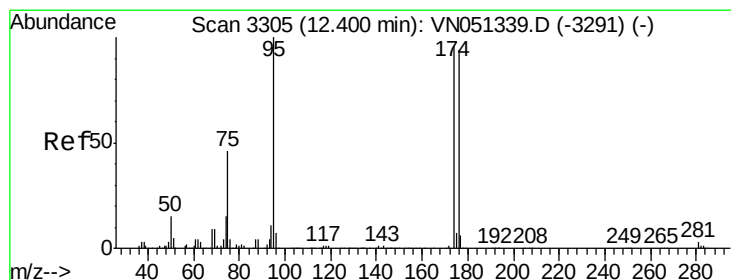
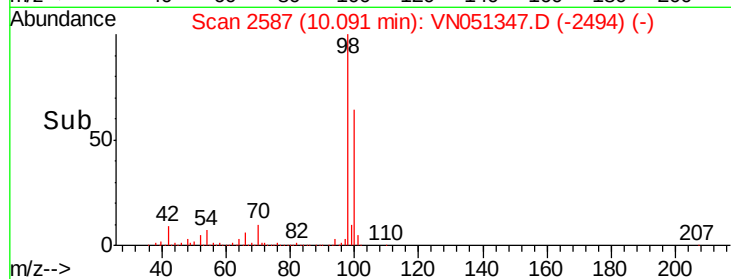
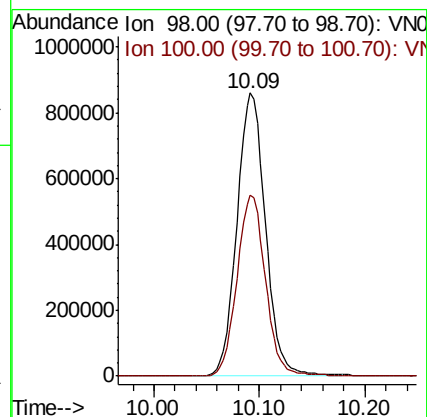
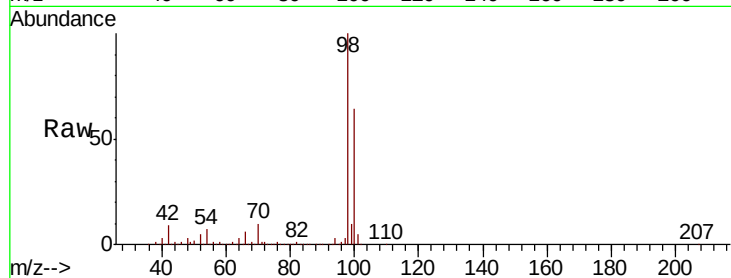
NS-OILY-WATER

Tot Ion: 98 Resp: 1612905

Ion Ratio Lower Upper

98 100

100 64.0 51.3 76.9



#62

4-Bromofluorobenzene

Concen: 38.080 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.00 min

Lab File: VN051347.D

Acq: 20 Sep 2018 18:31

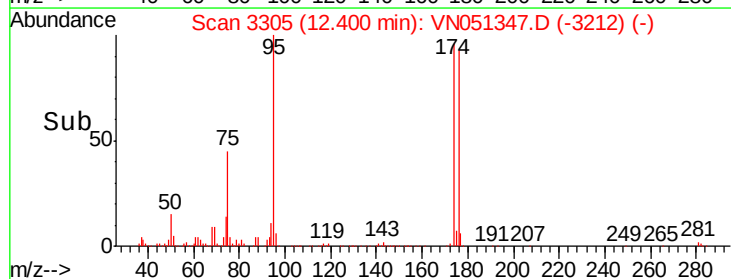
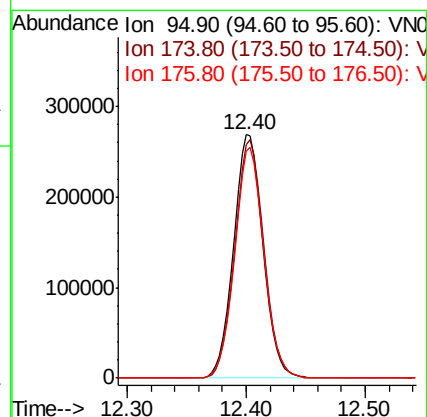
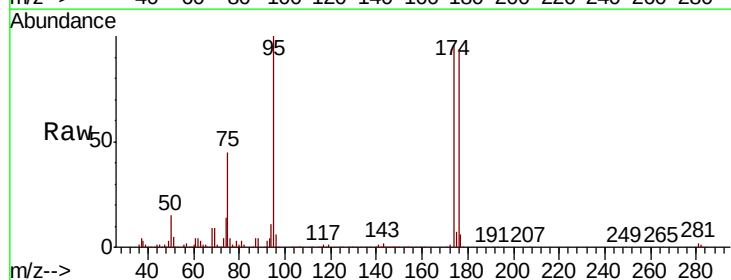
Tgt Ion: 95 Resp: 459062

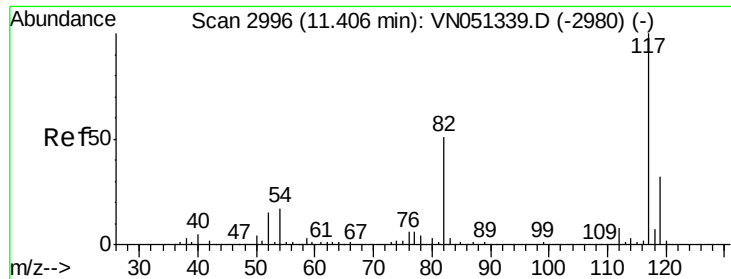
Ion Ratio Lower Upper

95 100

174 97.4 0.0 194.6

176 93.9 0.0 189.6

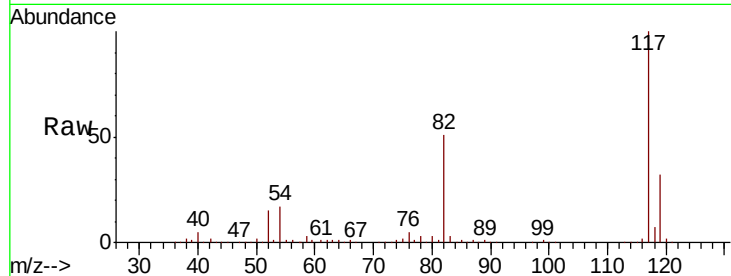




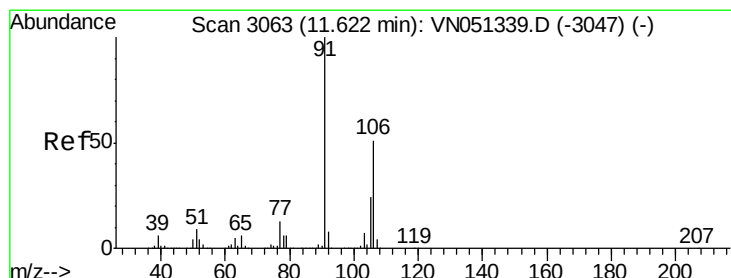
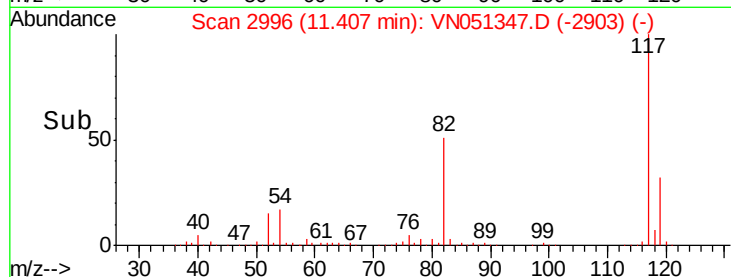
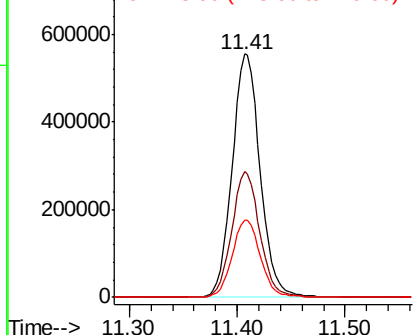
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN051347.D
Acq: 20 Sep 2018 18:31

Instrument :
MSVOA_N
ClientSampleId :
NS-OILY-WATER

Tot Ion:117 Resp: 1004539
Ion Ratio Lower Upper
117 100
82 51.5 40.7 61.1
119 31.7 25.3 37.9

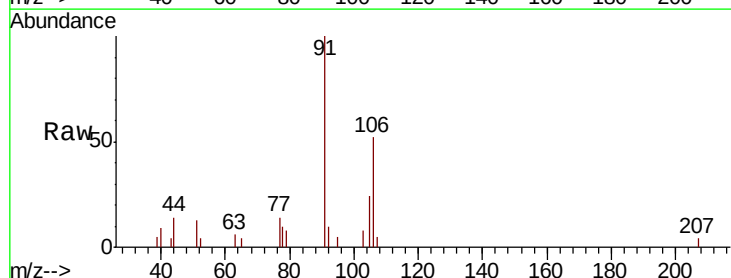


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VN
Ion 118.90 (118.60 to 119.60): V

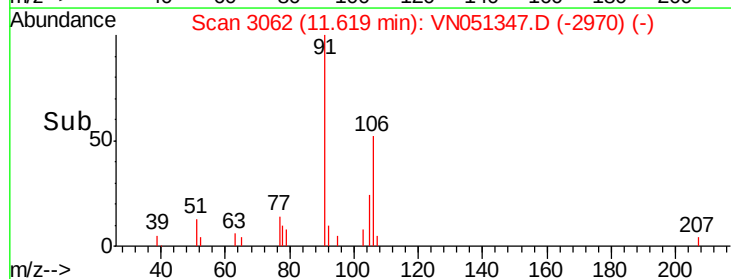
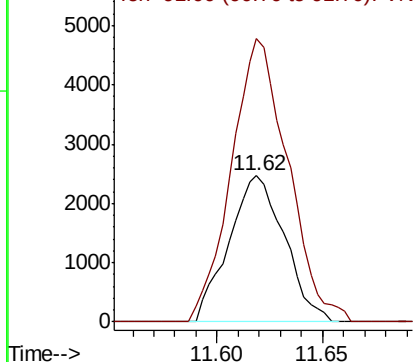


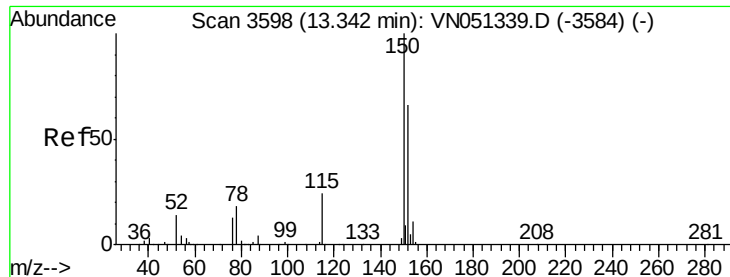
#68
m/p-Xylenes
Concen: 0.306 ug/l
RT: 11.62 min Scan# 3062
Delta R.T. -0.00 min
Lab File: VN051347.D
Acq: 20 Sep 2018 18:31

Tgt Ion:106 Resp: 4511
Ion Ratio Lower Upper
106 100
91 197.6 156.5 234.7



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





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3599

Delta R.T. 0.00 min

Lab File: VN051347.D

Acq: 20 Sep 2018 18:31

Instrument :

MSVOA_N

ClientSampleId :

NS-OILY-WATER

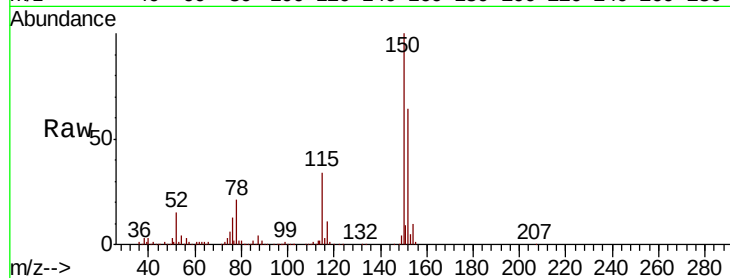
Tot Ion:152 Resp: 427543

Ion Ratio Lower Upper

152 100

115 54.1 26.9 80.7

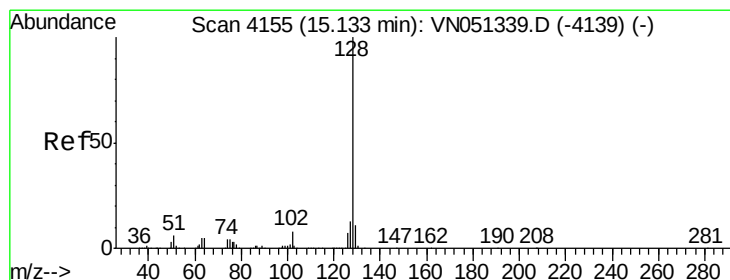
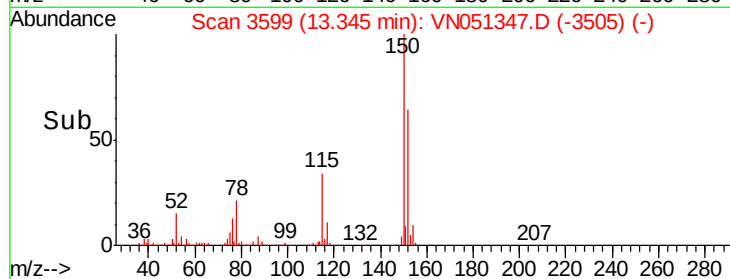
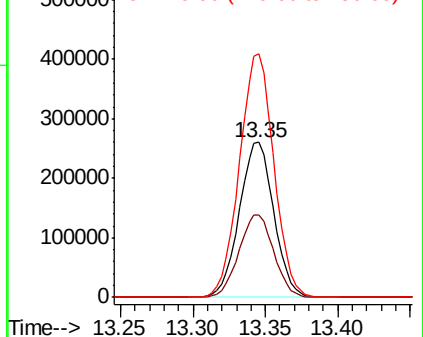
150 157.8 0.0 345.0



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



#95

Naphthalene

Concen: 0.352 ug/l

RT: 15.14 min Scan# 4156

Delta R.T. 0.00 min

Lab File: VN051347.D

Acq: 20 Sep 2018 18:31

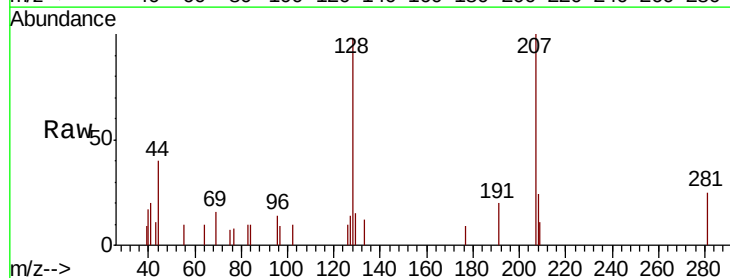
Tgt Ion:128 Resp: 3998

Ion Ratio Lower Upper

128 100

127 7.5 10.3 15.5#

129 7.8 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

