

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN101118\
 Data File : VN051821.D
 Acq On : 11 Oct 2018 19:09
 Operator : MD\SY
 Sample : J5455-05
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MS-OILY-WATER

Quant Time: Oct 15 13:55:21 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N101118W.M
 Quant Title : SW846 8260
 QLast Update : Fri Oct 12 09:51:20 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	1076210	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1516206	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1296243	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	460012	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	508707	49.45	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.90%	
35) Dibromofluoromethane	7.59	113	469235	49.77	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.54%	
50) Toluene-d8	10.09	98	1800395	51.25	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.50%	
62) 4-Bromofluorobenzene	12.40	95	522845	43.11	ug/l	0.00
Spiked Amount	50.000		Recovery	=	86.22%	

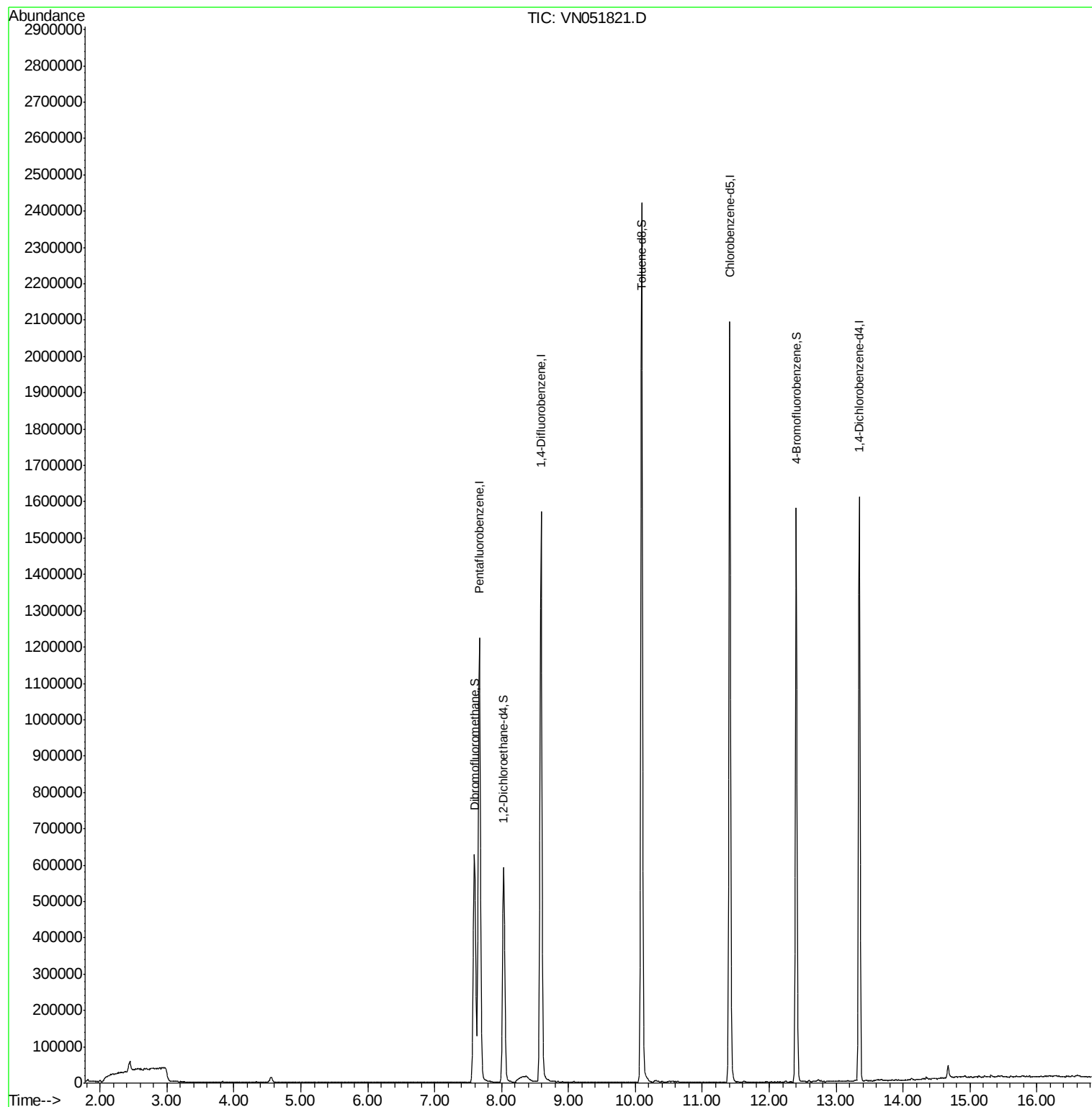
Target Compounds	Qvalue

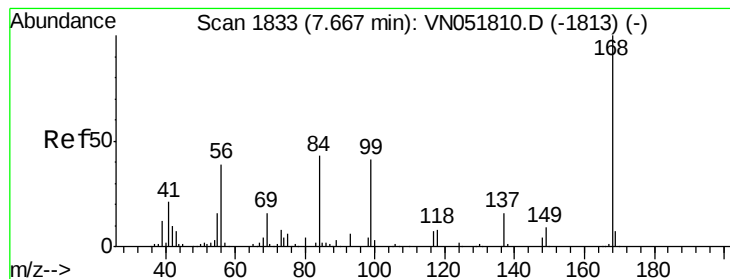
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.67 min Scan# 1834

Delta R.T. 0.00 min

Lab File: VN051821.D

Acq: 11 Oct 2018 19:09

Instrument :

MSVOA_N

ClientSampleId :

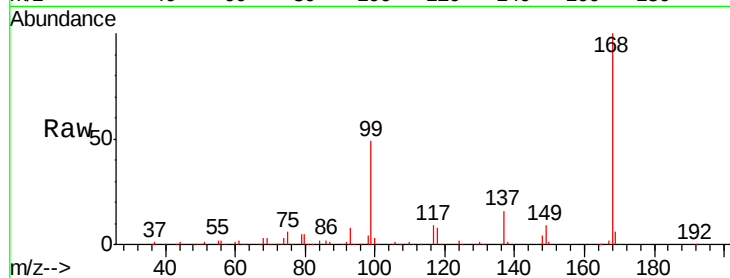
MS-OILY-WATER

Tgt Ion:168 Resp: 1076210

Ion Ratio Lower Upper

168 100

99 48.8 39.6 59.4



Abundance Ion 167.90 (167.60 to 168.60): VN051810.D (-1813) (-)

Ion 98.90 (98.60 to 99.60): VN051810.D (-1813) (-)

7.67

400000

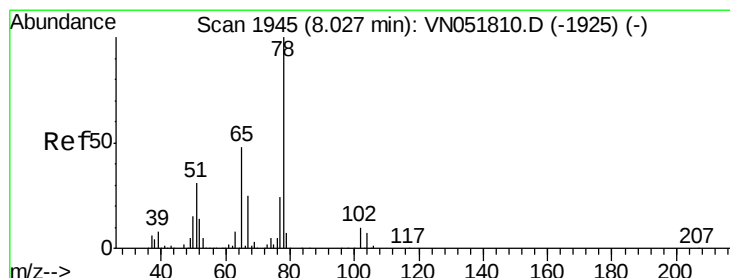
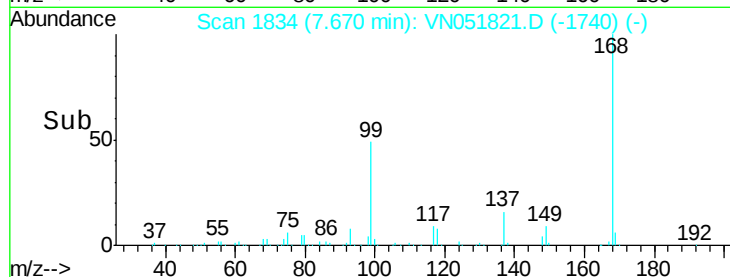
300000

200000

100000

0

Time-->



#33

1,2-Dichloroethane-d4

Concen: Below ug/l

RT: 8.03 min Scan# 1946

Delta R.T. 0.00 min

Lab File: VN051821.D

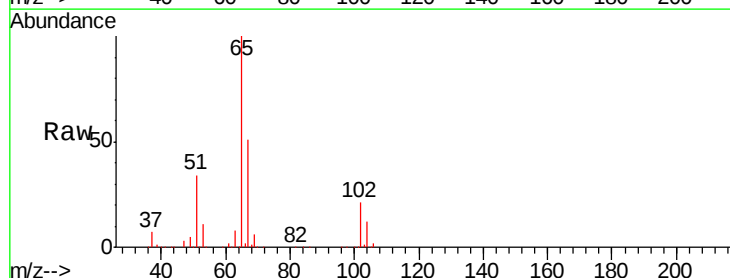
Acq: 11 Oct 2018 19:09

Tgt Ion: 65 Resp: 508707

Ion Ratio Lower Upper

65 100

67 51.8 0.0 110.4



Abundance Ion 64.90 (64.60 to 65.60): VN051810.D (-1925) (-)

Ion 66.90 (66.60 to 67.60): VN051810.D (-1925) (-)

8.03

250000

200000

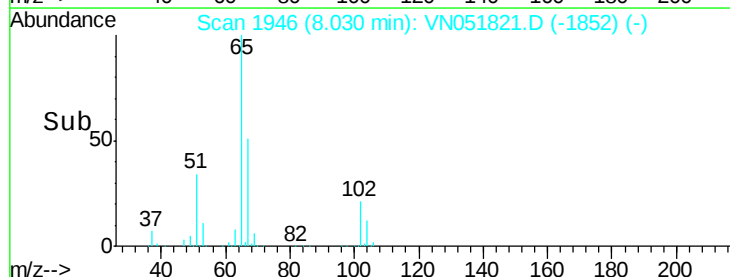
150000

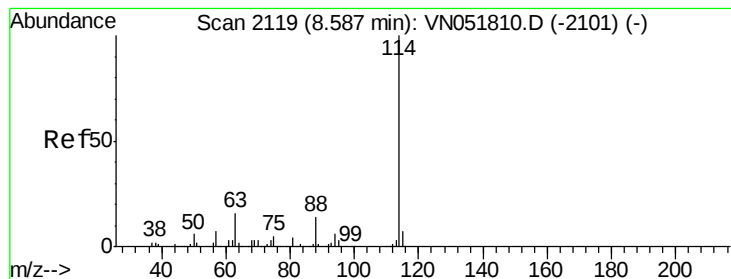
100000

50000

0

Time-->





#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 8.59 min Scan# 2120

Delta R.T. 0.00 min

Lab File: VN051821.D

Acq: 11 Oct 2018 19:09

Instrument :

MSVOA_N

ClientSampleId :

MS-OILY-WATER

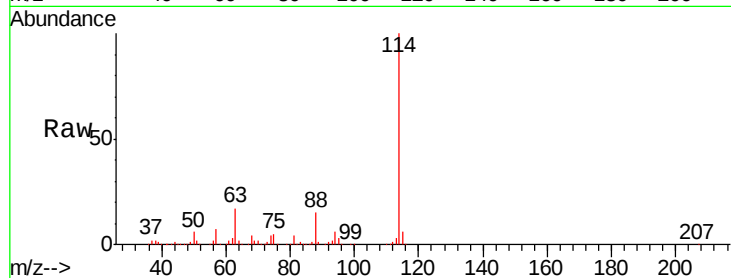
Tgt Ion:114 Resp: 1516206

Ion Ratio Lower Upper

114 100

63 16.9 0.0 38.6

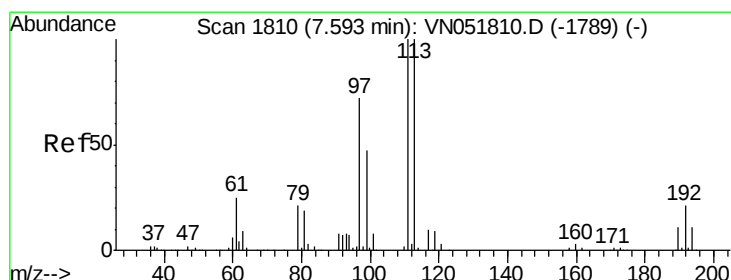
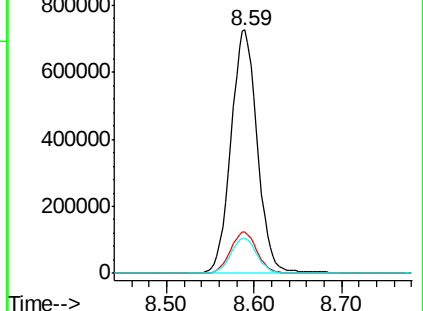
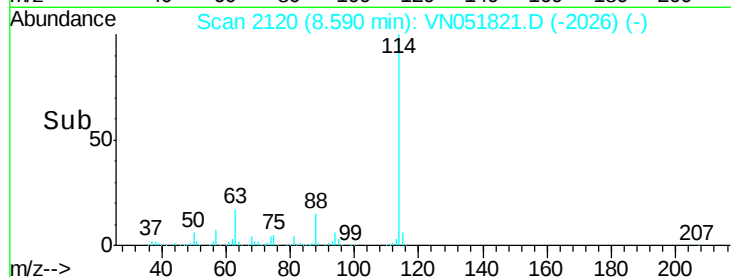
88 14.5 0.0 30.6



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: 50.00 ug/l

RT: 7.59 min Scan# 1810

Delta R.T. -0.00 min

Lab File: VN051821.D

Acq: 11 Oct 2018 19:09

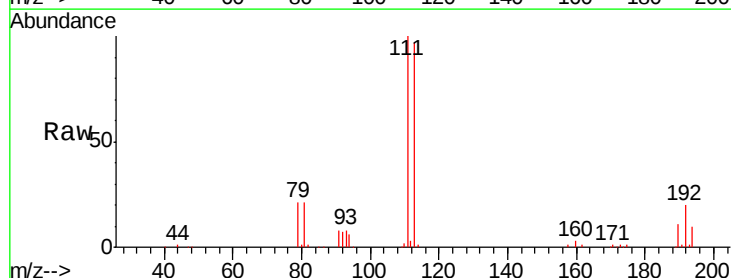
Tgt Ion:113 Resp: 469235

Ion Ratio Lower Upper

113 100

111 101.5 82.6 123.8

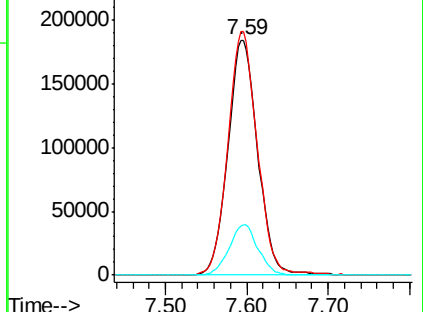
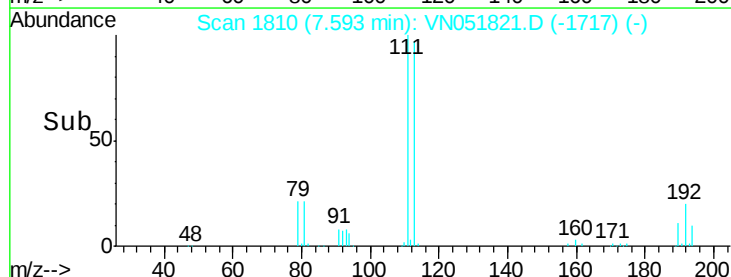
192 21.0 18.0 27.0

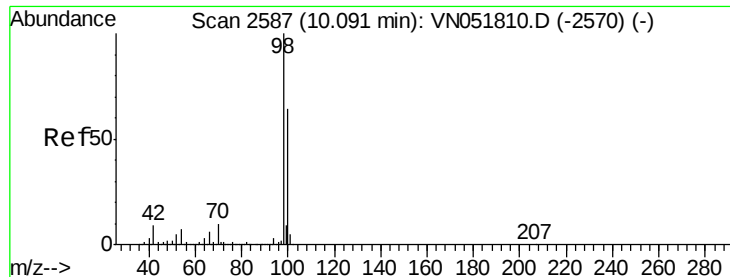


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: N.D. ug/l

RT: 10.09 min Scan# 2588

Delta R.T. 0.00 min

Lab File: VN051821.D

Acq: 11 Oct 2018 19:09

Instrument :

MSVOA_N

ClientSampleId :

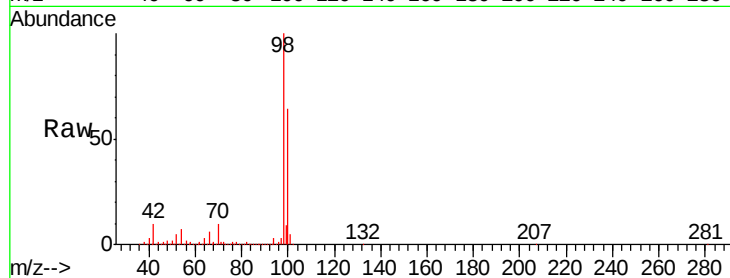
MS-OILY-WATER

Tgt Ion: 98 Resp: 1800395

Ion Ratio Lower Upper

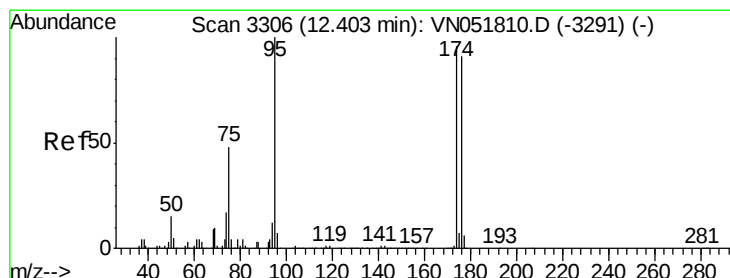
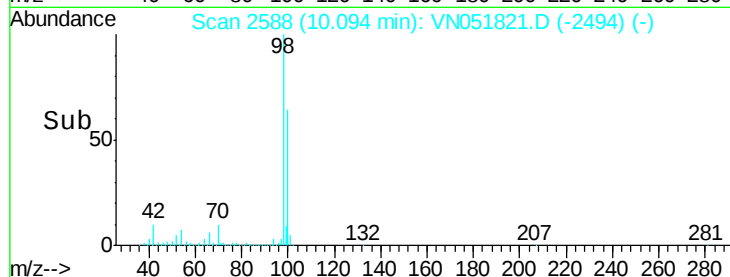
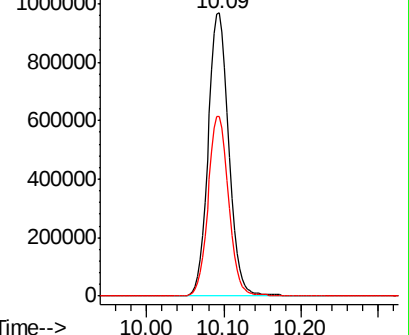
98 100

100 63.4 51.5 77.3



Abundance Ion 98.00 (97.70 to 98.70): VN051810.D (-2570) (-)

Ion 100.00 (99.70 to 100.70): VN051810.D (-2570) (-)



#62

4-Bromofluorobenzene

Concen: Below ug/l

RT: 12.40 min Scan# 3306

Delta R.T. -0.00 min

Lab File: VN051821.D

Acq: 11 Oct 2018 19:09

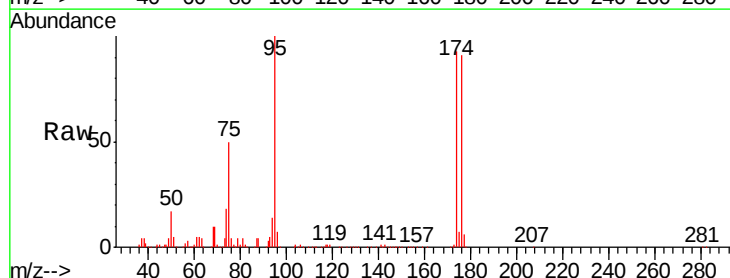
Tgt Ion: 95 Resp: 522845

Ion Ratio Lower Upper

95 100

174 93.4 0.0 183.0

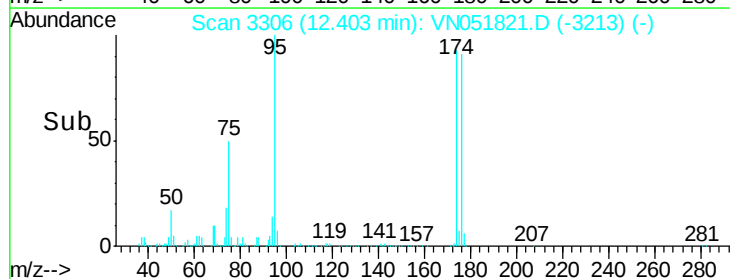
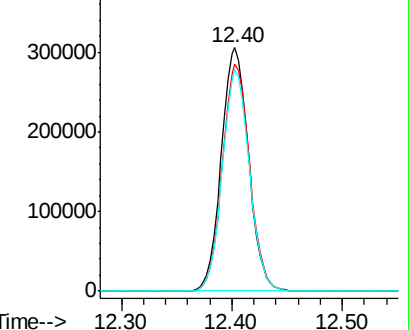
176 90.3 0.0 178.8

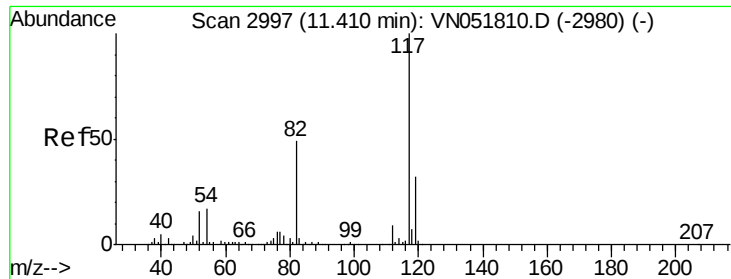


Abundance Ion 94.90 (94.60 to 95.60): VN051810.D (-3291) (-)

Ion 173.80 (173.50 to 174.50): VN051810.D (-3291) (-)

Ion 175.80 (175.50 to 176.50): VN051810.D (-3291) (-)

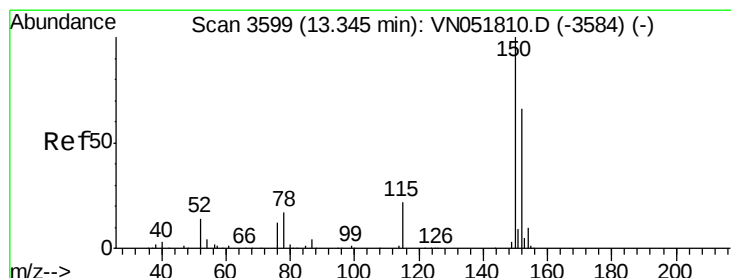
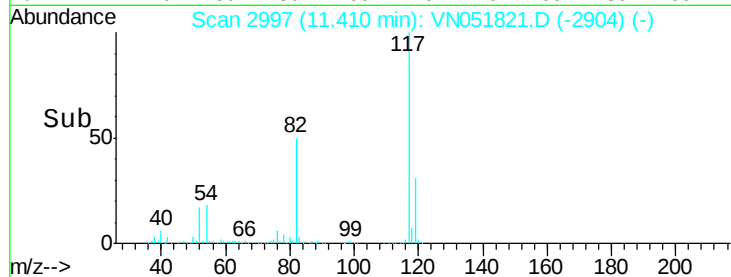
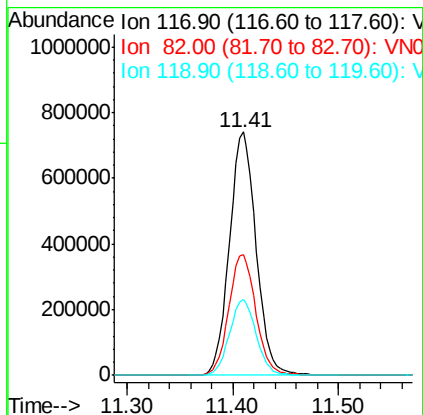
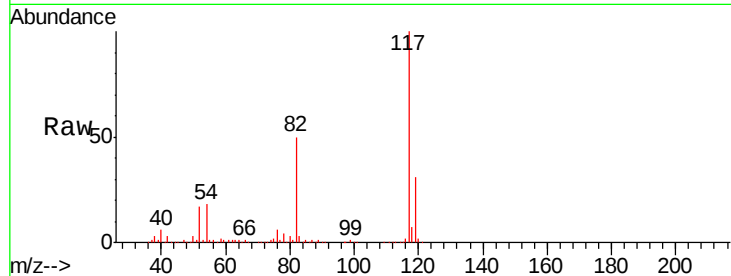




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.41 min Scan# 2997
Delta R.T. -0.00 min
Lab File: VN051821.D
Acq: 11 Oct 2018 19:09

Instrument :
MSVOA_N
ClientSampleId :
MS-OILY-WATER

Tgt Ion:117 Resp: 1296243
Ion Ratio Lower Upper
117 100
82 49.6 42.6 64.0
119 31.2 25.8 38.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.35 min Scan# 3599
Delta R.T. -0.00 min
Lab File: VN051821.D
Acq: 11 Oct 2018 19:09

Tgt Ion:152 Resp: 460012
Ion Ratio Lower Upper
152 100
115 54.6 27.8 83.4
150 157.3 0.0 351.4

