

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN072018\
 Data File : VN049957.D
 Acq On : 20 Jul 2018 12:45
 Operator : MD\SY
 Sample : VN0720WBL01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0720WBL01

Quant Time: Jul 21 00:01:18 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N071818W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jul 19 01:58:39 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	578496	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	939155	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	766226	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	261871	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	405036	50.94	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.88%	
35) Dibromofluoromethane	7.59	113	364449	46.22	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.44%	
50) Toluene-d8	10.09	98	1272161	44.29	ug/l	0.00
Spiked Amount	50.000		Recovery	=	88.58%	
62) 4-Bromofluorobenzene	12.40	95	324590	32.81	ug/l	0.00
Spiked Amount	50.000		Recovery	=	65.62%	

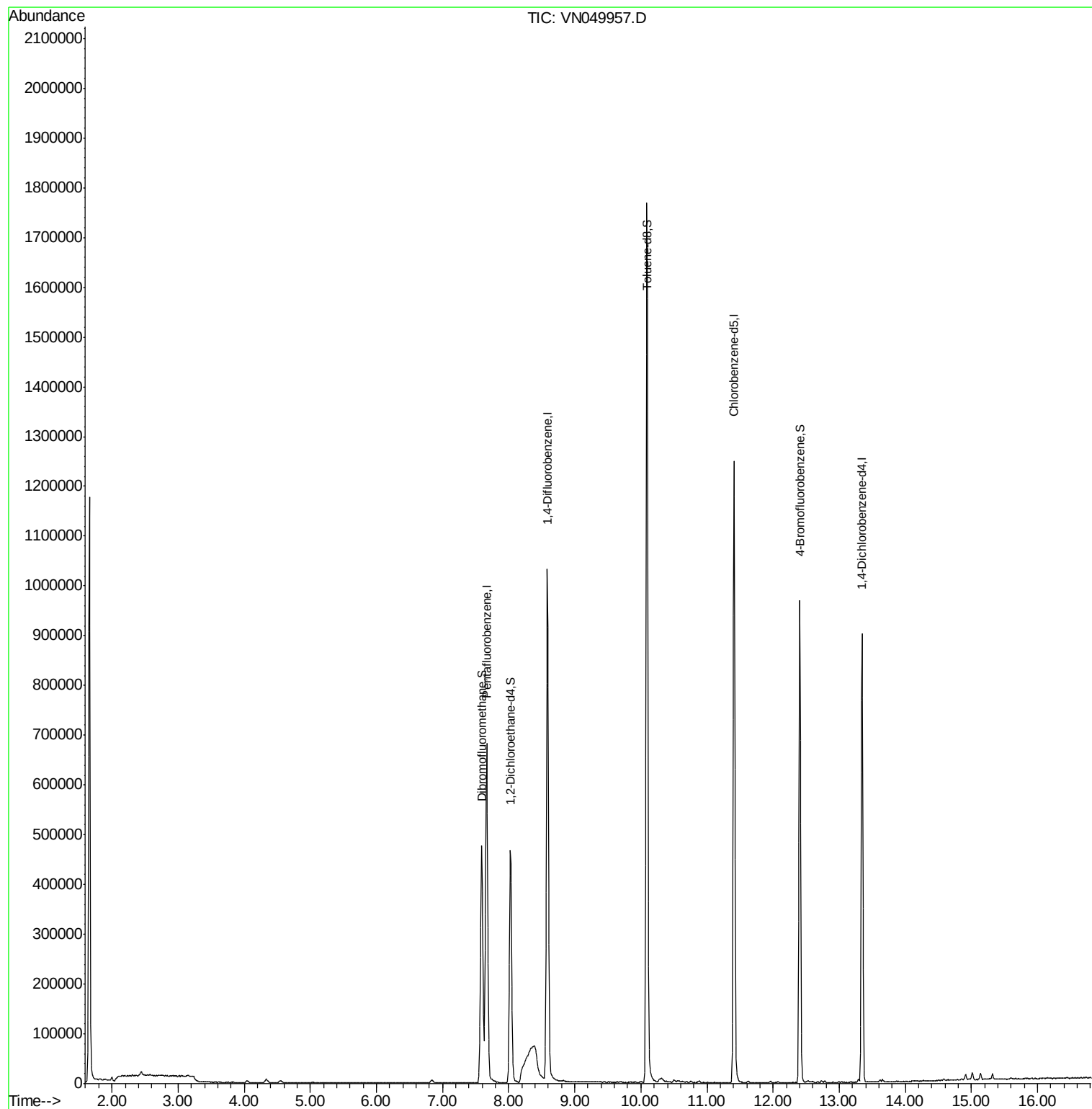
Target Compounds	Qvalue

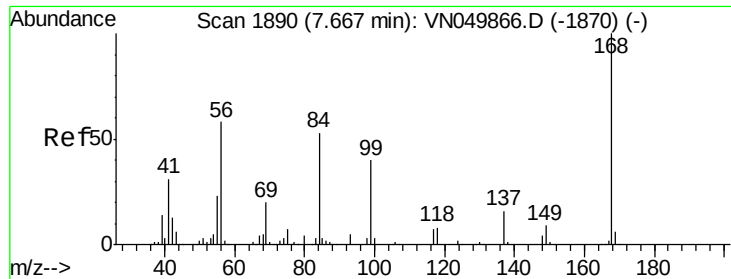
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Thu Jul 19 01:58:39 2018
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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.67 min Scan# 1890

Delta R.T. 0.00 min

Lab File: VN049957.D

Acq: 20 Jul 2018 12:45

Instrument :

MSVOA_N

ClientSampled :

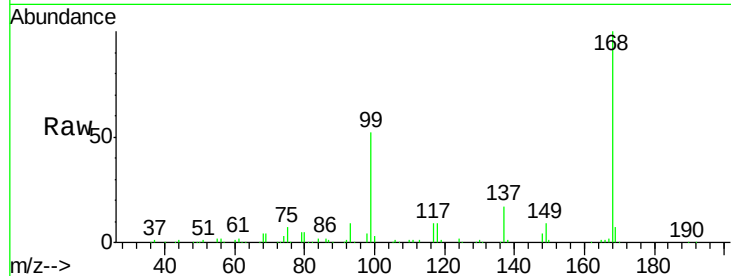
VN0720WBL01

Tot Ion:168 Resp: 578496

Ion Ratio Lower Upper

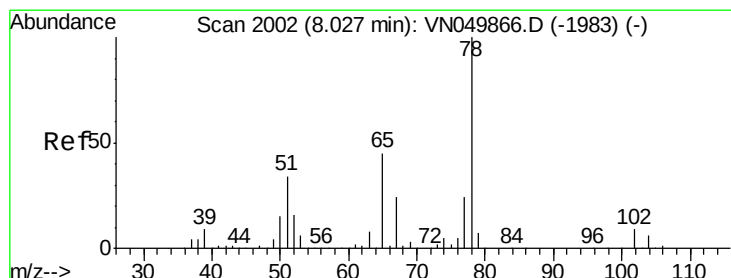
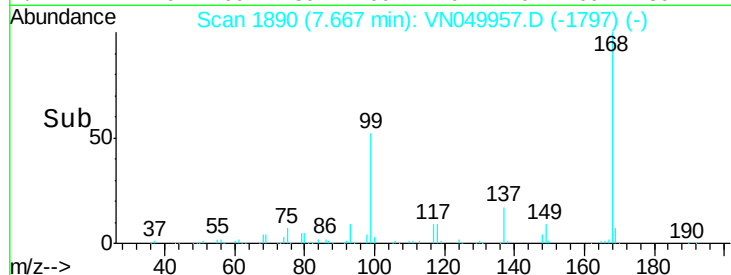
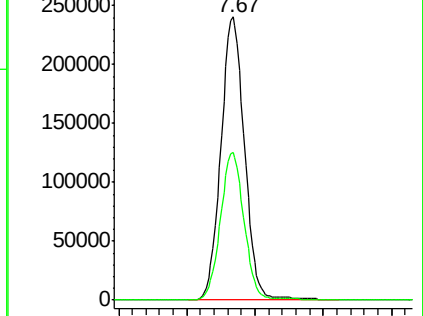
168 100

99 52.3 40.6 61.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0



#33

1,2-Dichloroethane-d4

Concen: 50.94 ug/l

RT: 8.03 min Scan# 2002

Delta R.T. 0.00 min

Lab File: VN049957.D

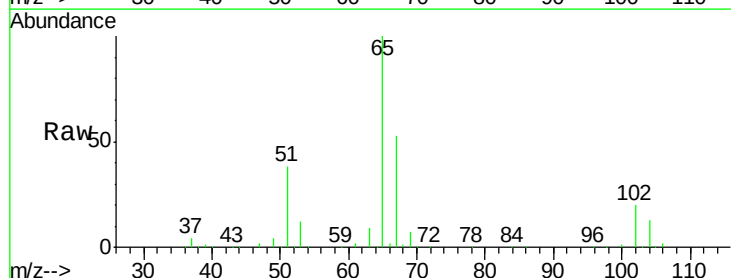
Acq: 20 Jul 2018 12:45

Tgt Ion: 65 Resp: 405036

Ion Ratio Lower Upper

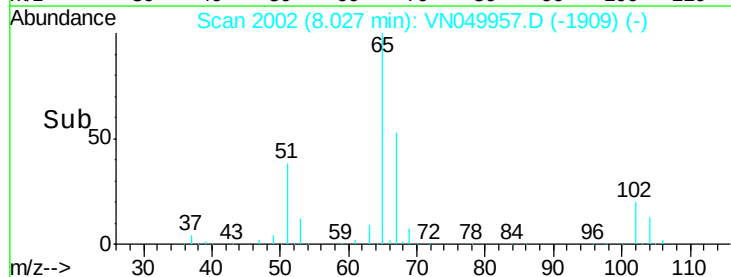
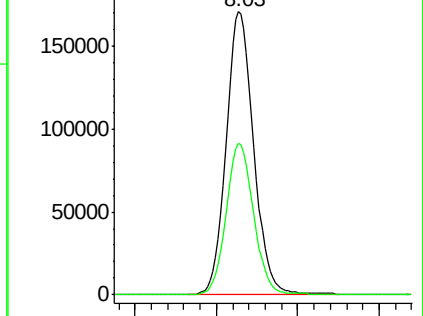
65 100

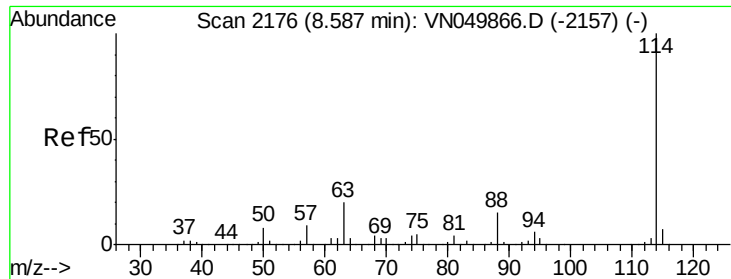
67 53.6 0.0 107.2



Abundance Ion 64.90 (64.60 to 65.60): VN0

Ion 66.90 (66.60 to 67.60): VN0





#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 8.59 min Scan# 2176

Delta R.T. 0.00 min

Lab File: VN049957.D

Acq: 20 Jul 2018 12:45

Instrument :

MSVOA_N

ClientSampleId :

VN0720WBL01

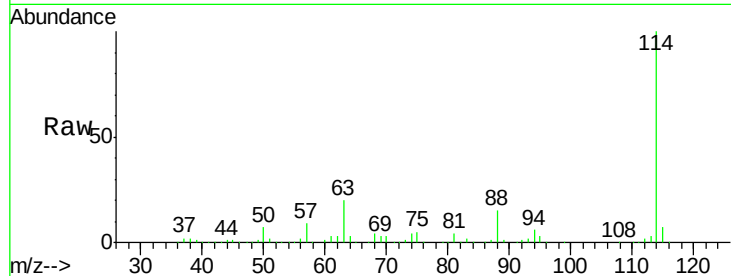
Tot Ion:114 Resp: 939155

Ion Ratio Lower Upper

114 100

63 19.8 0.0 39.8

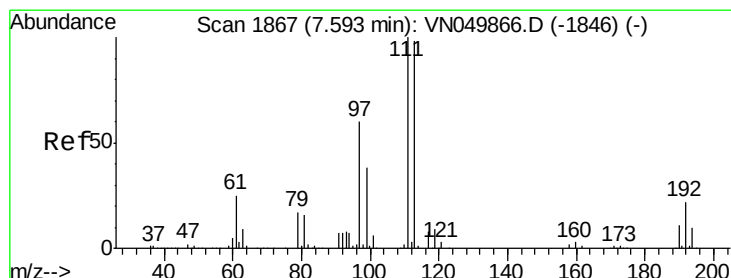
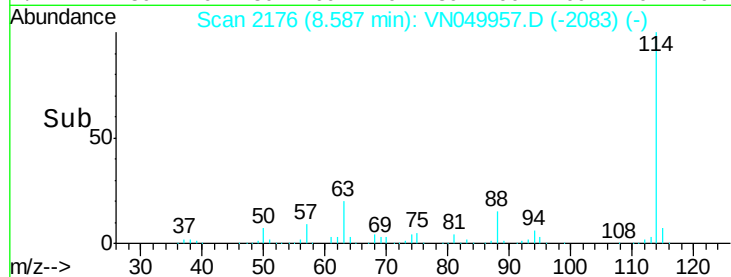
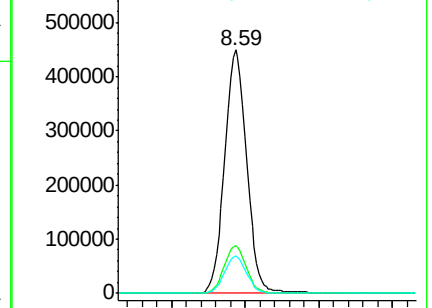
88 15.3 0.0 30.6



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VN0

Ion 87.90 (87.60 to 88.60): VN0



#35

Dibromofluoromethane

Concen: 46.22 ug/l

RT: 7.59 min Scan# 1867

Delta R.T. 0.00 min

Lab File: VN049957.D

Acq: 20 Jul 2018 12:45

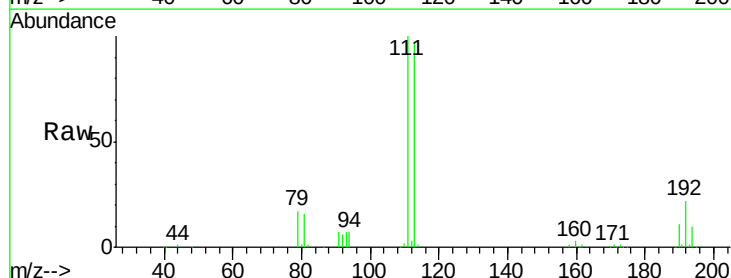
Tgt Ion:113 Resp: 364449

Ion Ratio Lower Upper

113 100

111 102.1 81.8 122.8

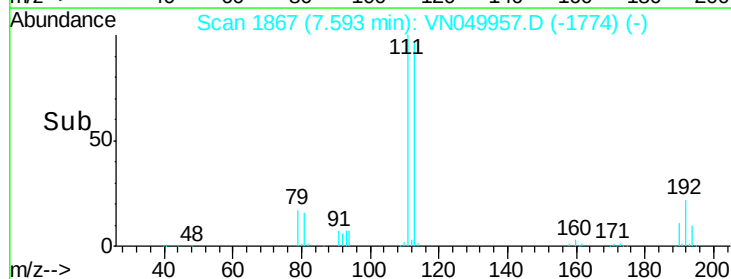
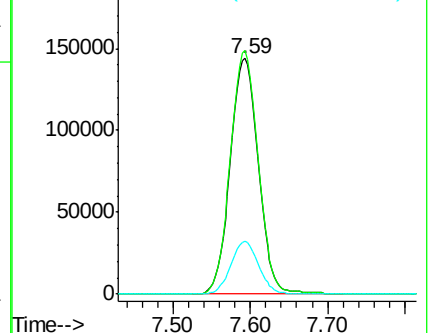
192 22.0 17.8 26.6

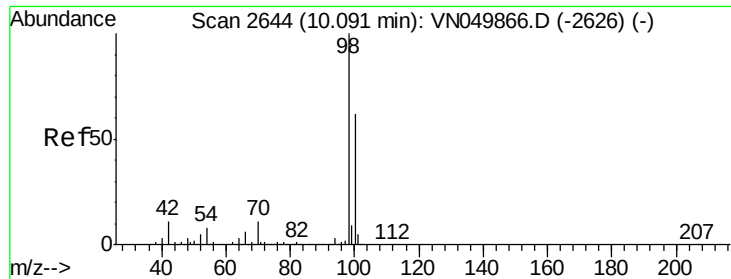


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 44.29 ug/l

RT: 10.09 min Scan# 2644

Delta R.T. 0.00 min

Lab File: VN049957.D

Acq: 20 Jul 2018 12:45

Instrument :

MSVOA_N

ClientSampleId :

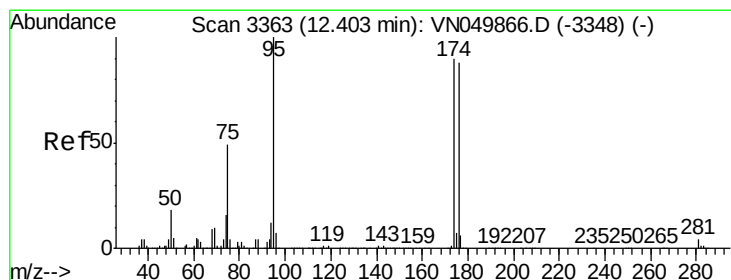
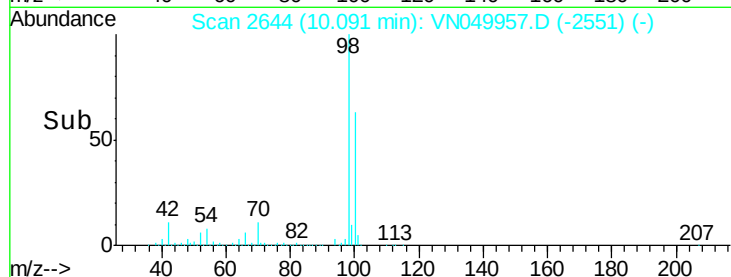
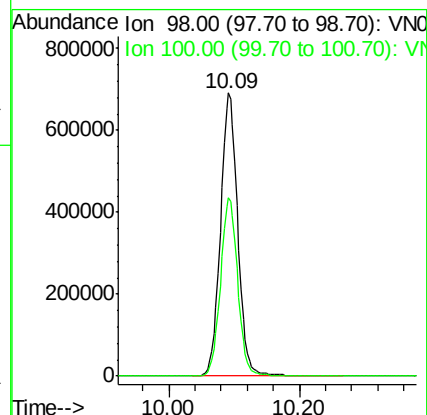
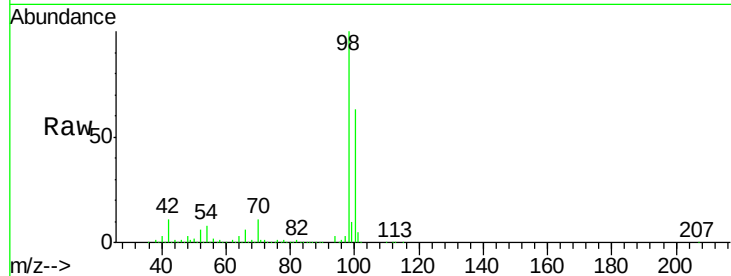
VN0720WBL01

Tot Ion: 98 Resp: 1272161

Ion Ratio Lower Upper

98 100

100 63.0 51.7 77.5



#62

4-Bromofluorobenzene

Concen: 32.81 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. 0.00 min

Lab File: VN049957.D

Acq: 20 Jul 2018 12:45

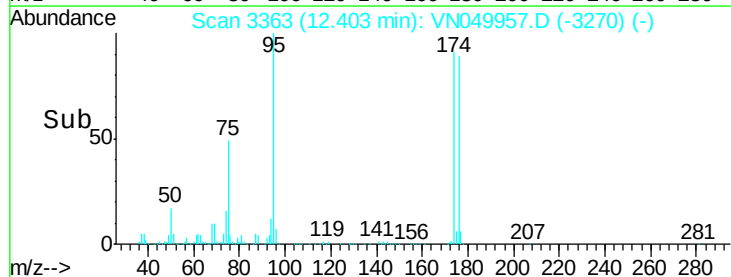
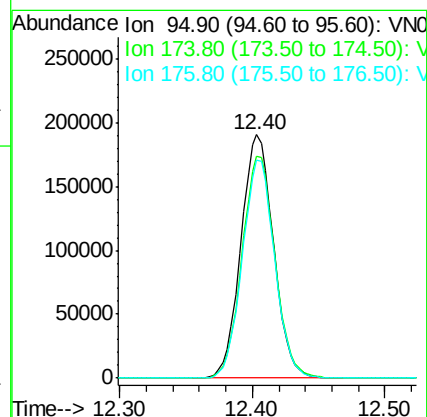
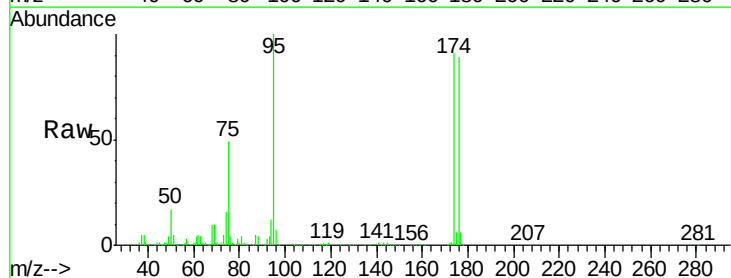
Tgt Ion: 95 Resp: 324590

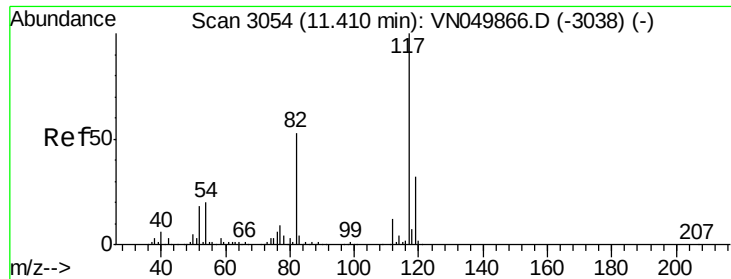
Ion Ratio Lower Upper

95 100

174 92.2 0.0 179.6

176 89.1 0.0 174.0

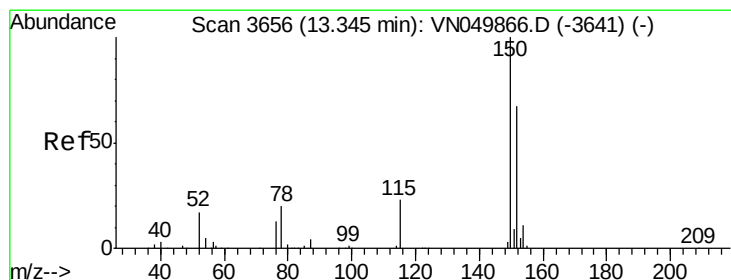
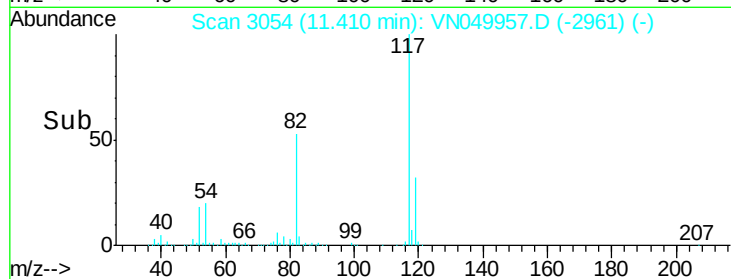
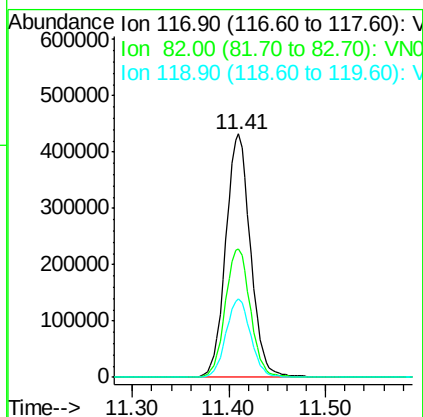
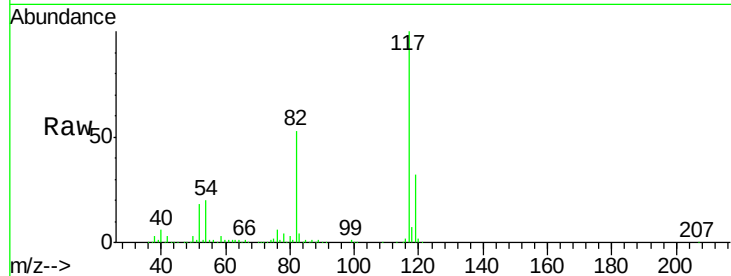




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.41 min Scan# 3054
Delta R.T. 0.00 min
Lab File: VN049957.D
Acq: 20 Jul 2018 12:45

Instrument :
MSVOA_N
ClientSampleId :
VN0720WBL01

Tot Ion	Ratio	Lower	Upper
117	100		
82	52.9	41.9	62.9
119	32.0	25.4	38.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.35 min Scan# 3656
Delta R.T. 0.00 min
Lab File: VN049957.D
Acq: 20 Jul 2018 12:45

Tgt Ion	Ratio	Lower	Upper
152	100		
115	55.5	28.1	84.2
150	155.6	0.0	347.6

