

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN121318\
 Data File : VN052853.D
 Acq On : 13 Dec 2018 10:14
 Operator : MD\SY
 Sample : VN1213WBL01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 3 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1213WBL01

Quant Time: Dec 14 02:14:11 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N121218W.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 13 01:08:35 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	1143064	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1770368	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1493052	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	507539	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	580122	47.73	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.46%	
35) Dibromofluoromethane	7.59	113	514116	52.02	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.04%	
50) Toluene-d8	10.09	98	2135827	49.85	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.70%	
62) 4-Bromofluorobenzene	12.40	95	623364	42.94	ug/l	0.00
Spiked Amount	50.000		Recovery	=	85.88%	

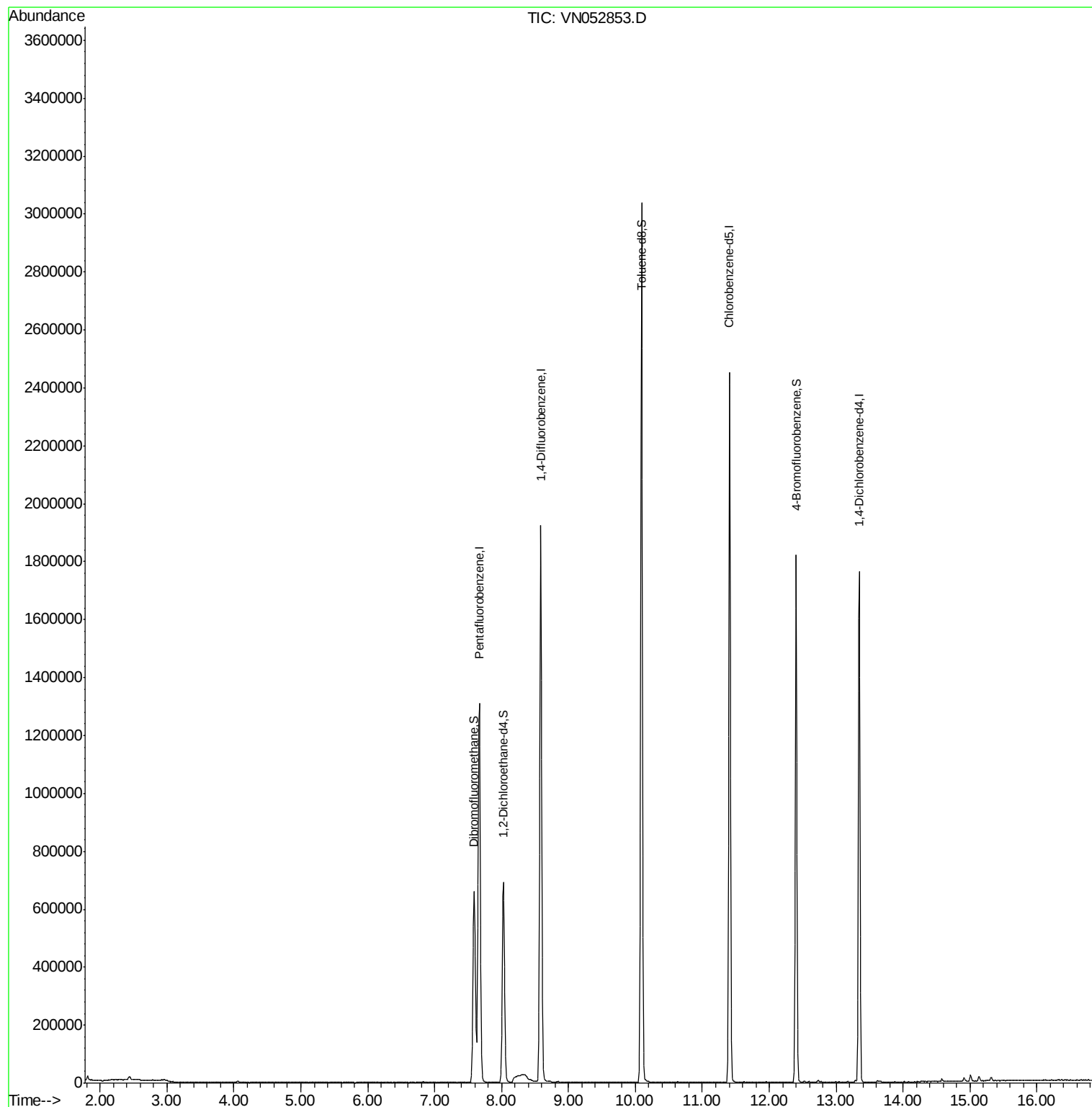
Target Compounds	Qvalue

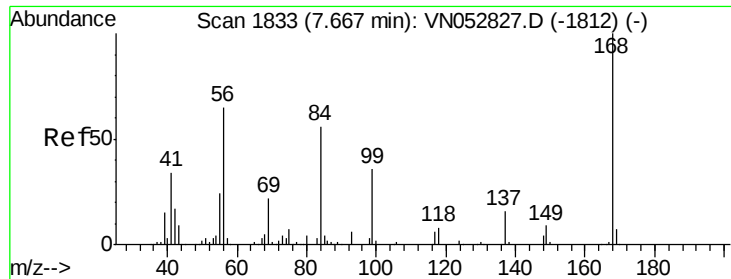
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN121318\
Data File : VN052853.D
Acq On : 13 Dec 2018 10:14
Operator : MD\SY
Sample : VN1213WBL01
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 3 Sample Multiplier: 28

Instrument :
MSVOA_N
ClientSampleId :
VN1213WBL01

Quant Time: Dec 14 02:14:11 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N121218W.M
Quant Title : SW846 8260
QLast Update : Thu Dec 13 01:08:35 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. -0.00 min

Lab File: VN052853.D

Acq: 13 Dec 2018 10:14

Instrument :

MSVOA_N

ClientSampled :

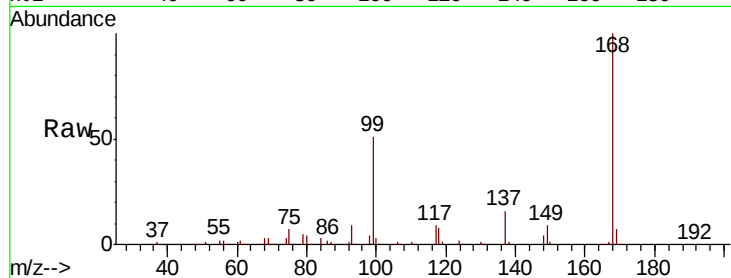
VN1213WBL01

Tot Ion:168 Resp: 1143064

Ion Ratio Lower Upper

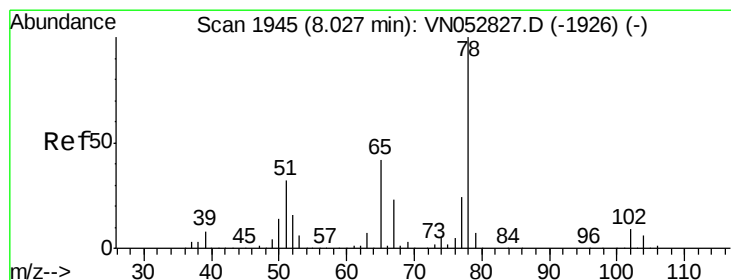
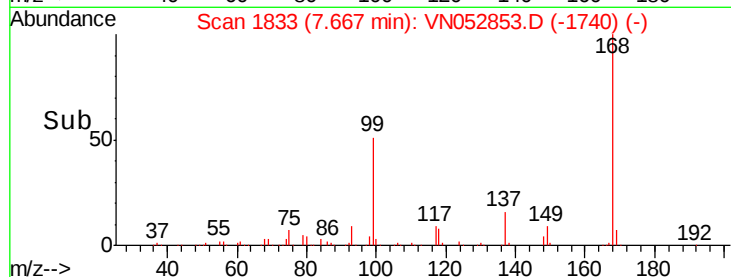
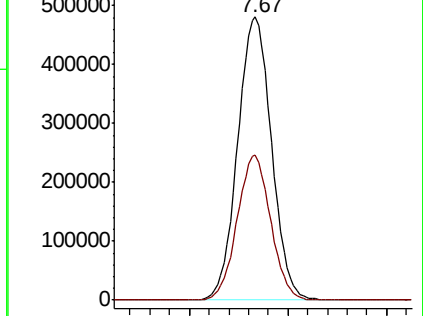
168 100

99 51.1 40.2 60.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#33

1,2-Dichloroethane-d4

Concen: Below ug/l

RT: 8.03 min Scan# 1945

Delta R.T. -0.00 min

Lab File: VN052853.D

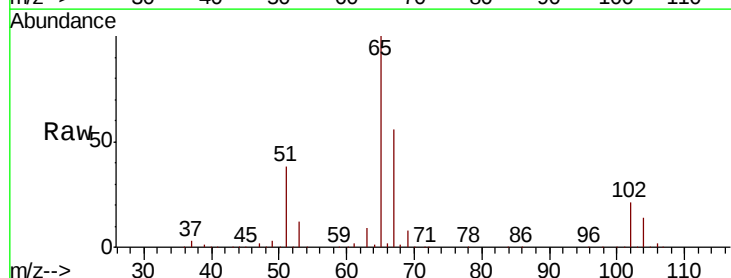
Acq: 13 Dec 2018 10:14

Tgt Ion: 65 Resp: 580122

Ion Ratio Lower Upper

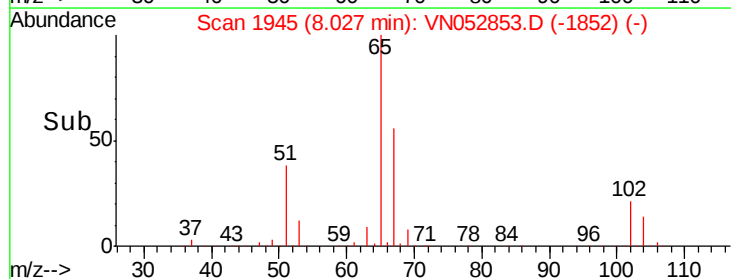
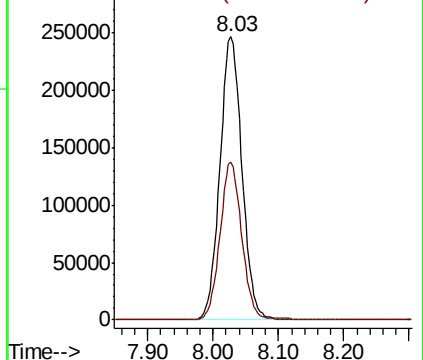
65 100

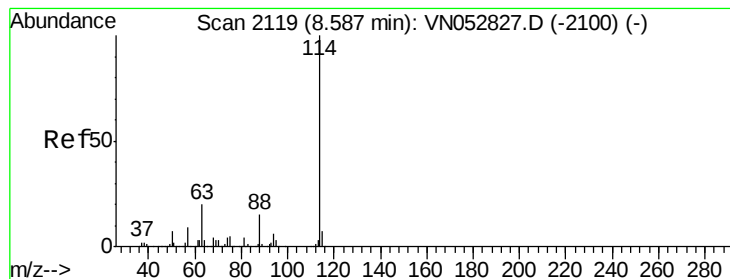
67 54.8 0.0 110.4



Abundance Ion 64.90 (64.60 to 65.60): VNO

Ion 66.90 (66.60 to 67.60): VNO





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.59 min Scan# 2119

Delta R.T. -0.00 min

Lab File: VN052853.D

Acq: 13 Dec 2018 10:14

Instrument :

MSVOA_N

ClientSampleId :

VN1213WBL01

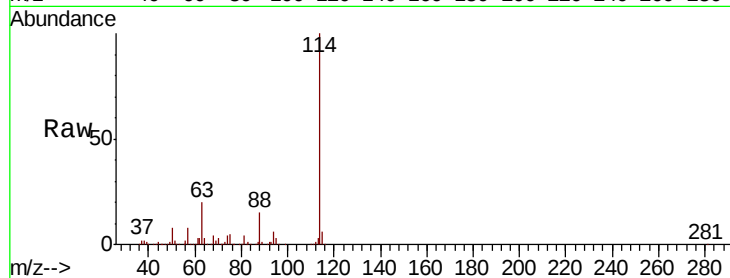
Tot Ion:114 Resp: 1770368

Ion Ratio Lower Upper

114 100

63 19.7 0.0 39.8

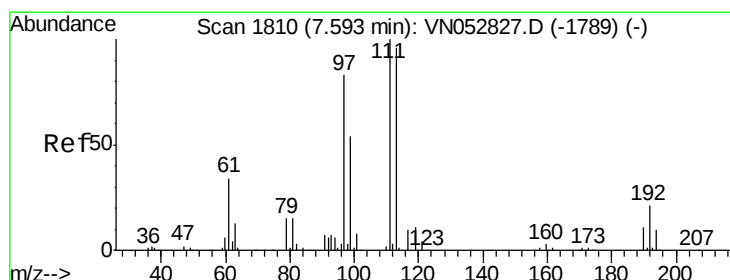
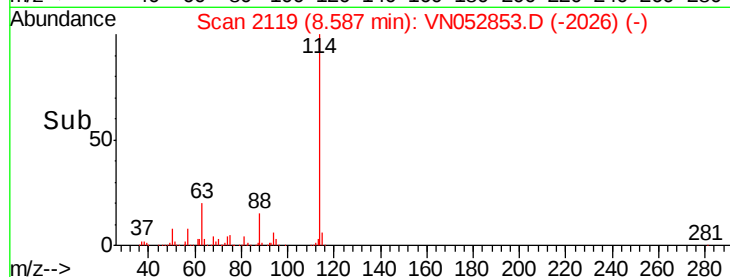
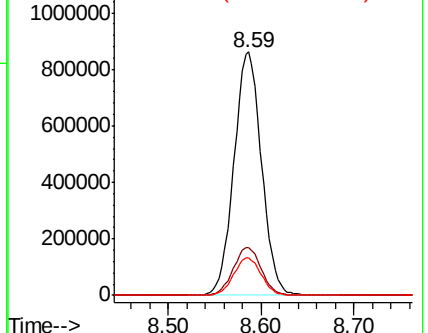
88 15.4 0.0 31.0



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: 50.000 ug/l

RT: 7.59 min Scan# 1809

Delta R.T. -0.00 min

Lab File: VN052853.D

Acq: 13 Dec 2018 10:14

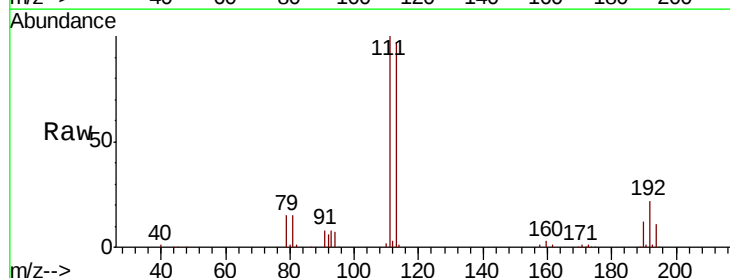
Tgt Ion:113 Resp: 514116

Ion Ratio Lower Upper

113 100

111 102.8 83.0 124.4

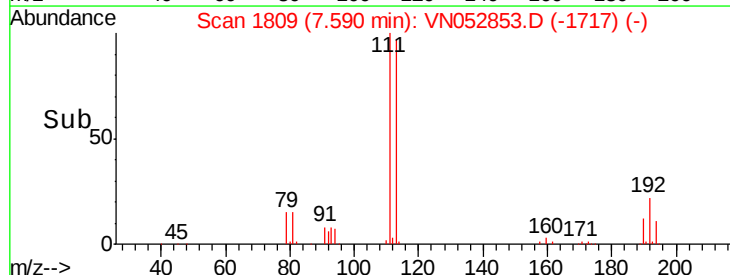
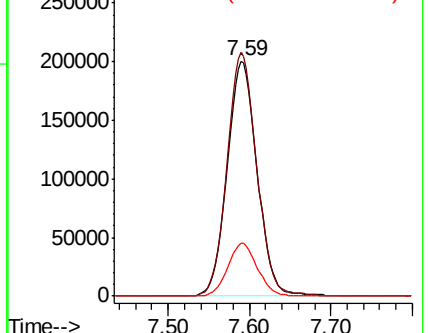
192 22.2 17.5 26.3

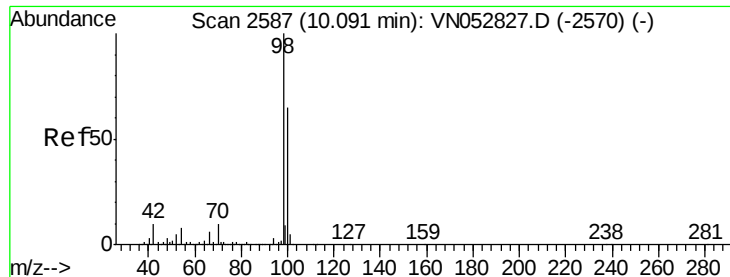


Abundance Ion 112.80 (112.50 to 113.50): V

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# 2587

Delta R.T. -0.00 min

Lab File: VN052853.D

Acq: 13 Dec 2018 10:14

Instrument :

MSVOA_N

ClientSampled :

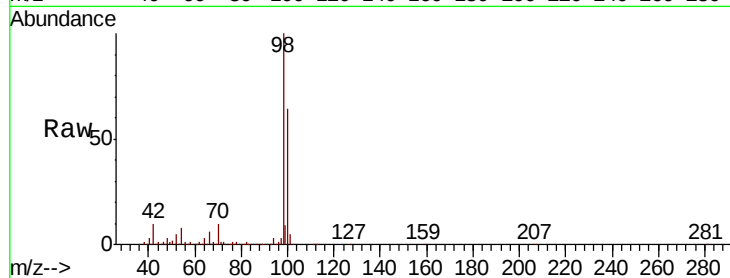
VN1213WBL01

Tot Ion: 98 Resp: 2135827

Ion Ratio Lower Upper

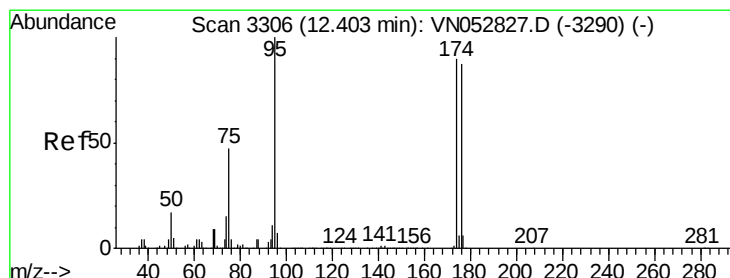
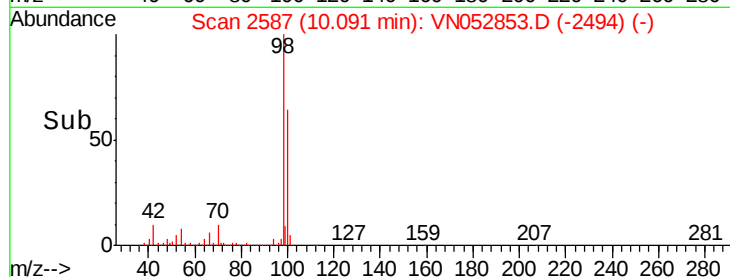
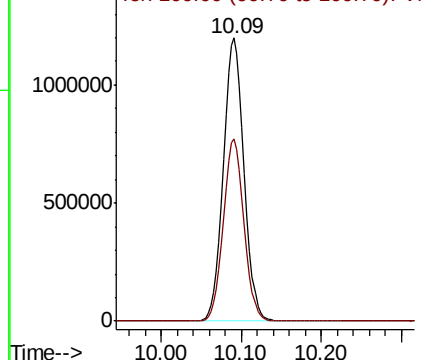
98 100

100 64.3 51.6 77.4



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN



#62

4-Bromofluorobenzene

Concen: N.D. ug/l

RT: 12.40 min Scan# 3306

Delta R.T. -0.00 min

Lab File: VN052853.D

Acq: 13 Dec 2018 10:14

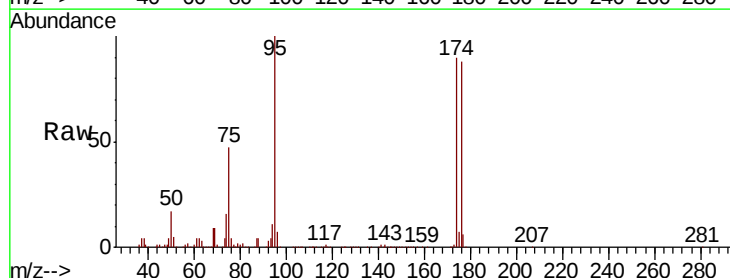
Tgt Ion: 95 Resp: 623364

Ion Ratio Lower Upper

95 100

174 89.3 0.0 178.8

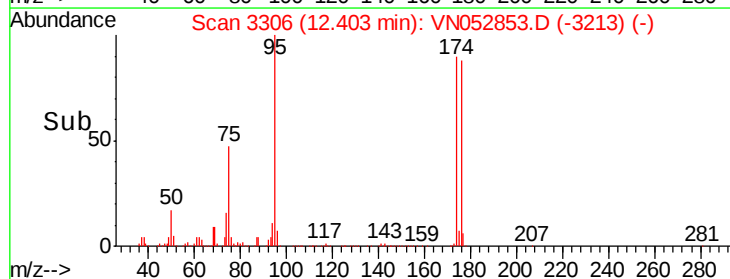
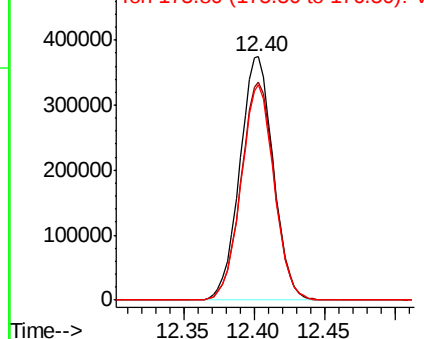
176 86.9 0.0 173.8

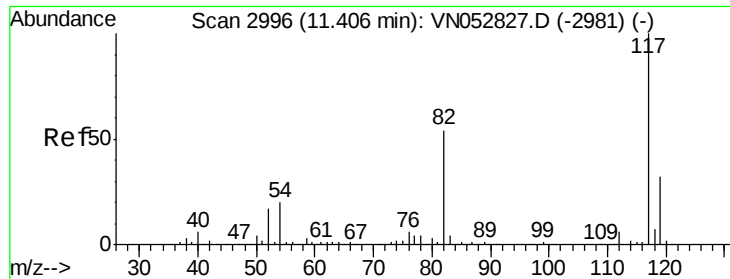


Abundance Ion 94.90 (94.60 to 95.60): VN0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

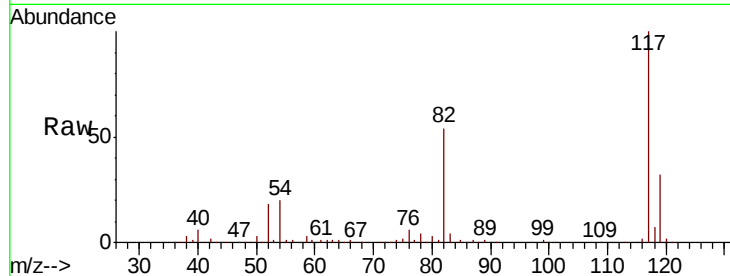




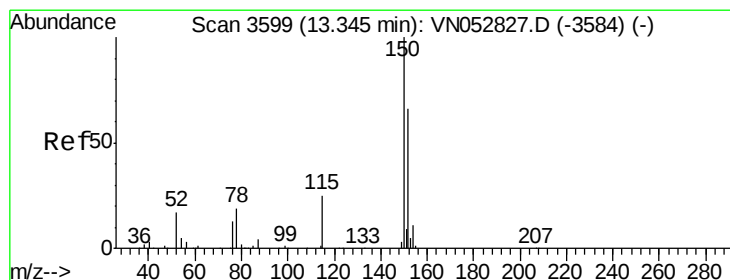
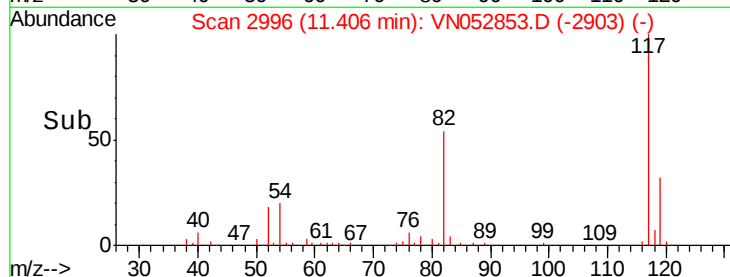
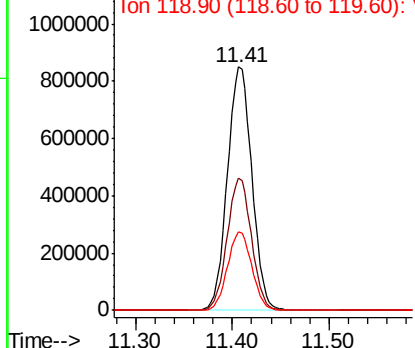
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN052853.D
Acq: 13 Dec 2018 10:14

Instrument :
MSVOA_N
ClientSampled :
VN1213WBL01

Tot Ion:117 Resp: 1493052
Ion Ratio Lower Upper
117 100
82 54.3 42.8 64.2
119 32.2 25.5 38.3

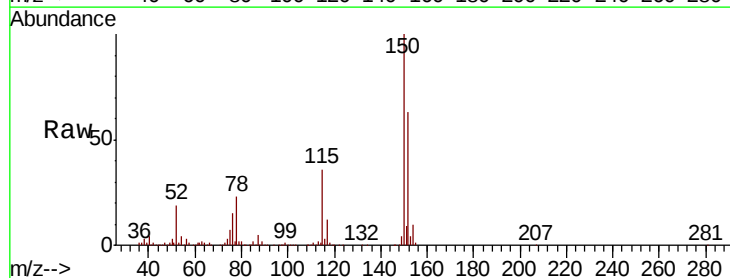


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.35 min Scan# 3599
Delta R.T. -0.00 min
Lab File: VN052853.D
Acq: 13 Dec 2018 10:14

Tgt Ion:152 Resp: 507539
Ion Ratio Lower Upper
152 100
115 56.8 28.3 85.0
150 157.7 0.0 347.8



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

