

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN080418\
 Data File : VN050358.D
 Acq On : 4 Aug 2018 11:38
 Operator : MD\SY
 Sample : J4328-08
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TRIPBLANK

Quant Time: Aug 06 13:40:29 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N072418W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jul 26 18:10:10 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	680493	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1100050	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	932073	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	359169	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	469680	49.47	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.94%	
35) Dibromofluoromethane	7.59	113	418120	46.55	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.10%	
50) Toluene-d8	10.09	98	1520791	46.06	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.12%	
62) 4-Bromofluorobenzene	12.40	95	426495	39.23	ug/l	0.00
Spiked Amount	50.000		Recovery	=	78.46%	

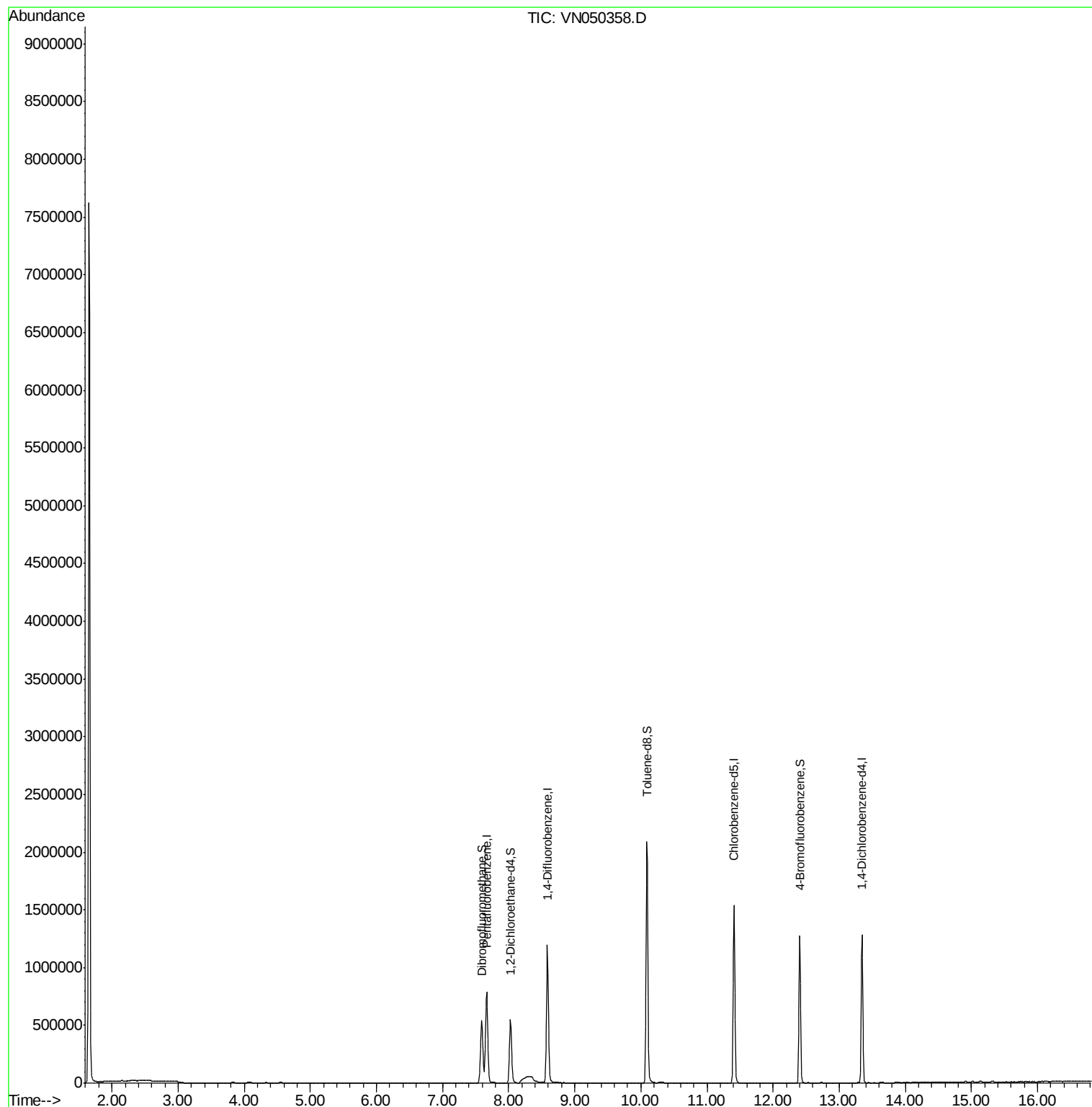
Target Compounds	Qvalue

(#) = 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# 1890

Delta R.T. -0.00 min

Lab File: VN050358.D

Acq: 4 Aug 2018 11:38

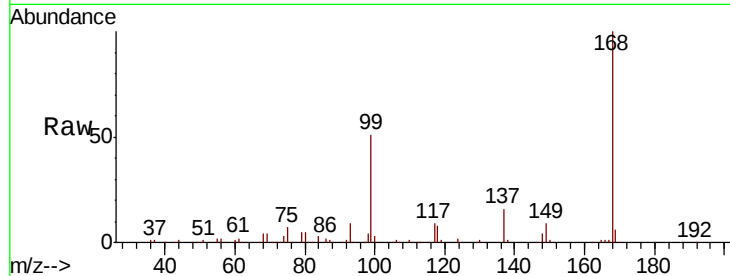
Instrument :
MSVOA_N
ClientSampleId :
TRIPBLANK

Tot Ion:168 Resp: 680493

Ion Ratio Lower Upper

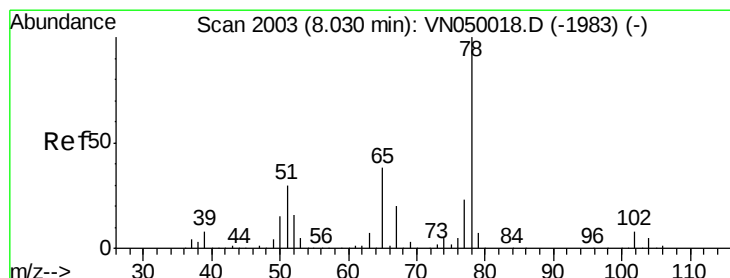
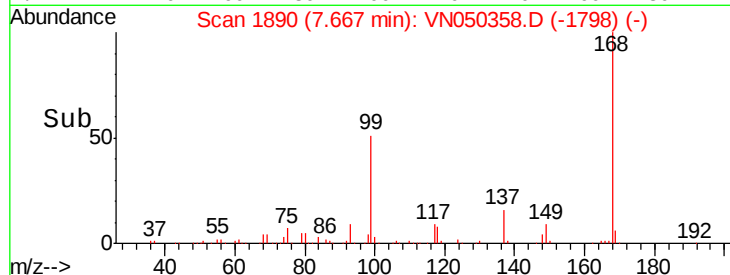
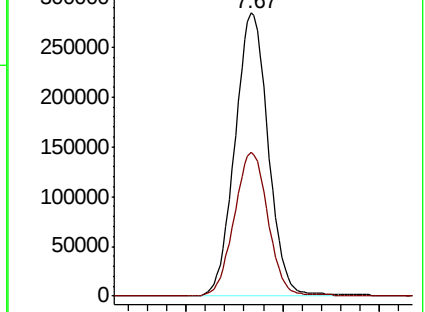
168 100

99 50.7 40.0 60.0



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: 49.47 ug/l

RT: 8.03 min Scan# 2003

Delta R.T. 0.00 min

Lab File: VN050358.D

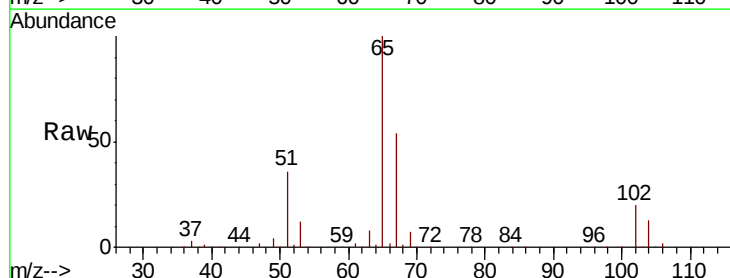
Acq: 4 Aug 2018 11:38

Tgt Ion: 65 Resp: 469680

Ion Ratio Lower Upper

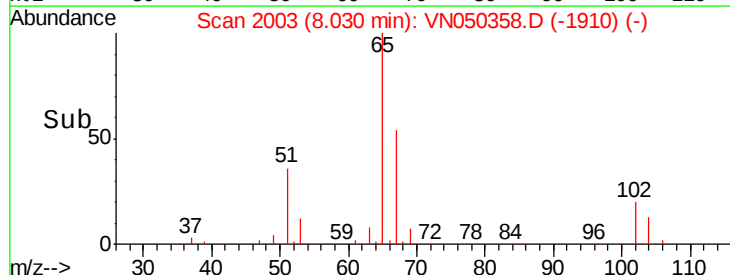
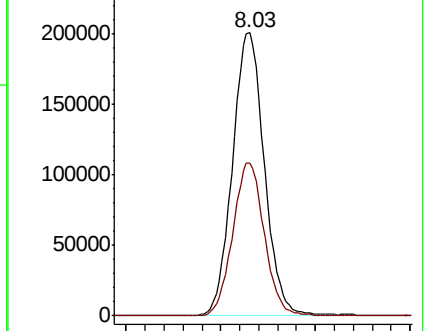
65 100

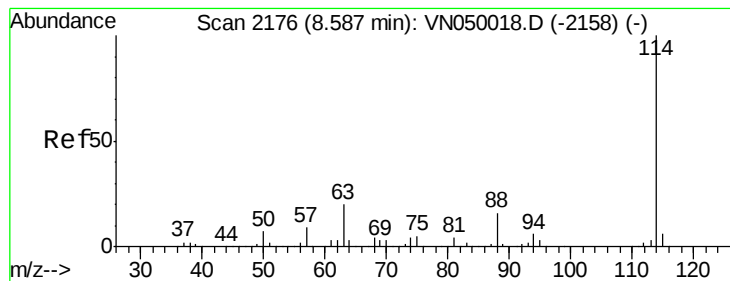
67 53.7 0.0 108.4



Abundance Ion 64.90 (64.60 to 65.60): VNO

Ion 66.90 (66.60 to 67.60): VNO





#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 8.59 min Scan# 2176

Delta R.T. -0.00 min

Lab File: VN050358.D

Acq: 4 Aug 2018 11:38

Instrument :

MSVOA_N

ClientSampleId :

TRIPBLANK

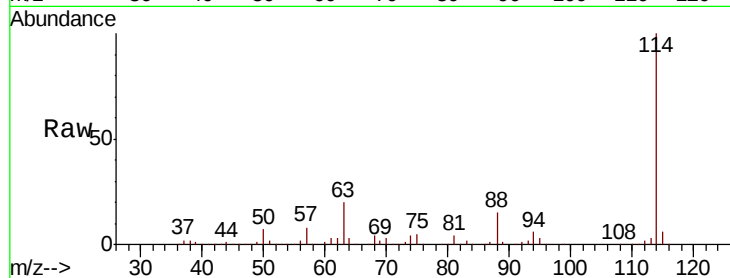
Tot Ion:114 Resp: 1100050

Ion Ratio Lower Upper

114 100

63 19.6 0.0 40.0

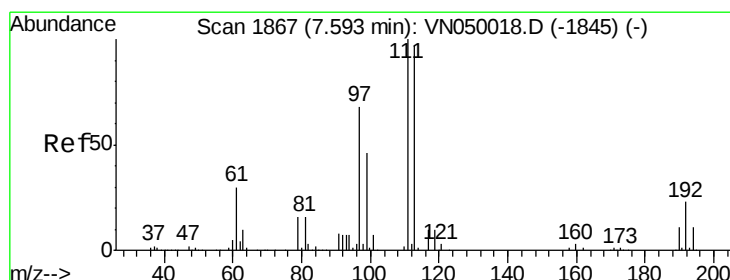
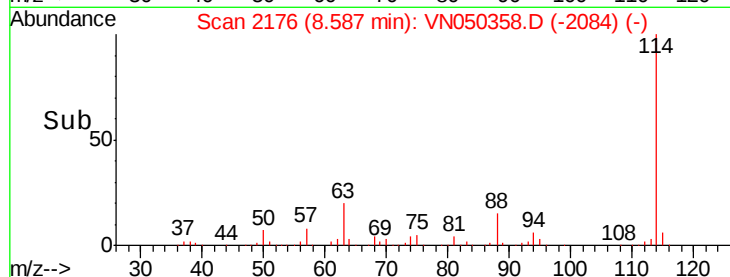
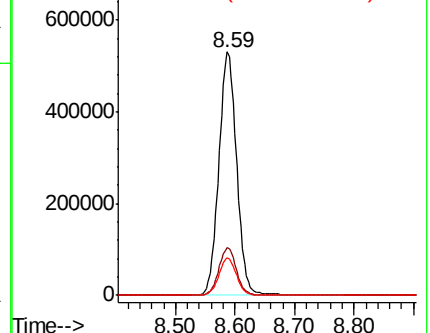
88 15.4 0.0 31.2



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: 46.55 ug/l

RT: 7.59 min Scan# 1867

Delta R.T. 0.00 min

Lab File: VN050358.D

Acq: 4 Aug 2018 11:38

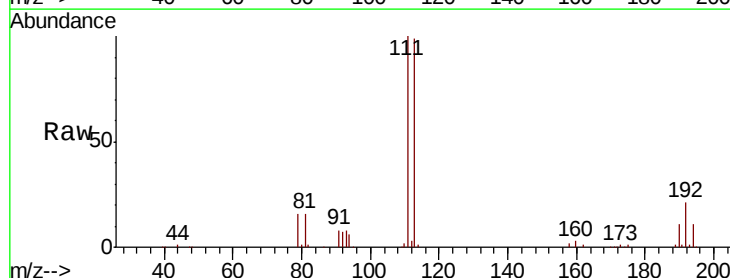
Tgt Ion:113 Resp: 418120

Ion Ratio Lower Upper

113 100

111 102.2 80.7 121.1

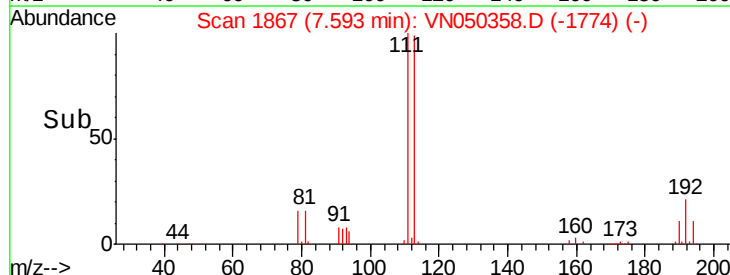
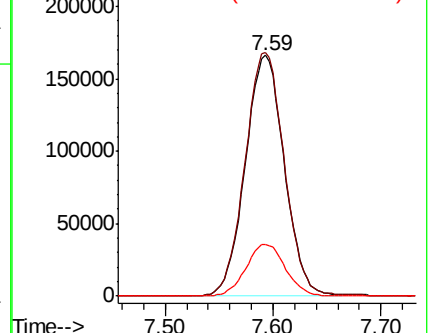
192 21.9 17.8 26.6

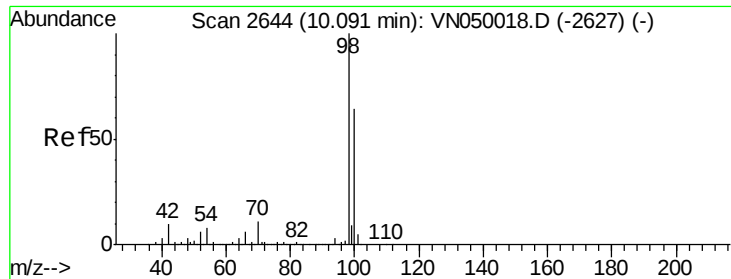


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

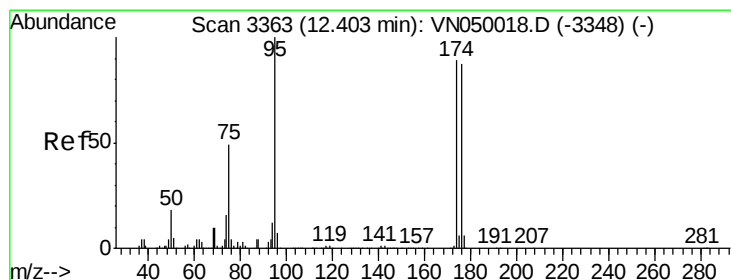
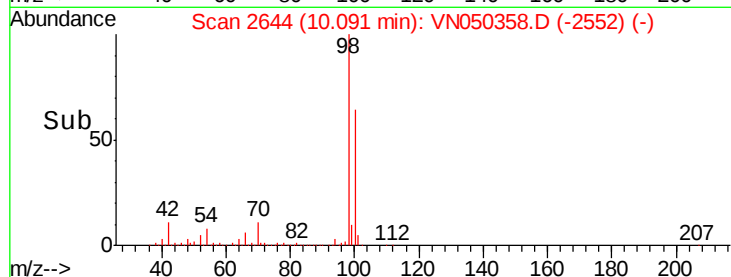
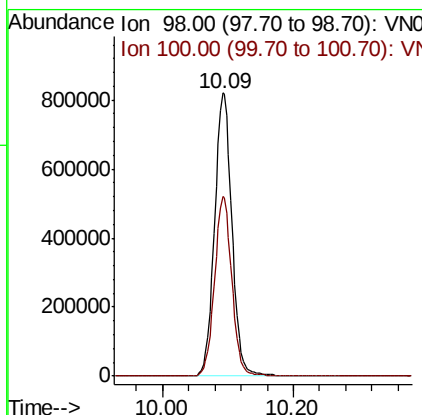
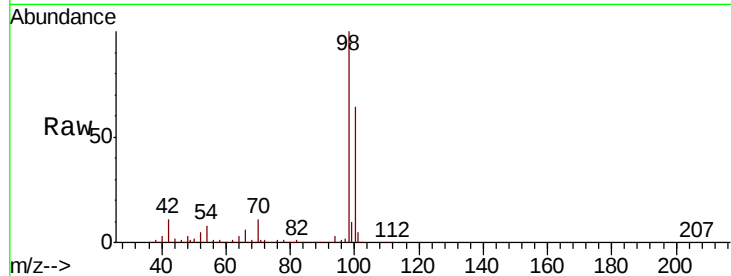




#50
Toluene-d8
Concen: 46.06 ug/l
RT: 10.09 min Scan# 2644
Delta R.T. -0.00 min
Lab File: VN050358.D
Acq: 4 Aug 2018 11:38

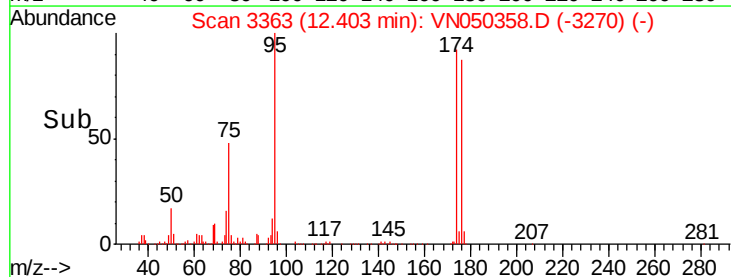
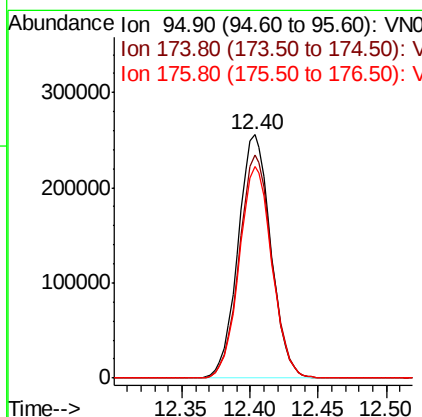
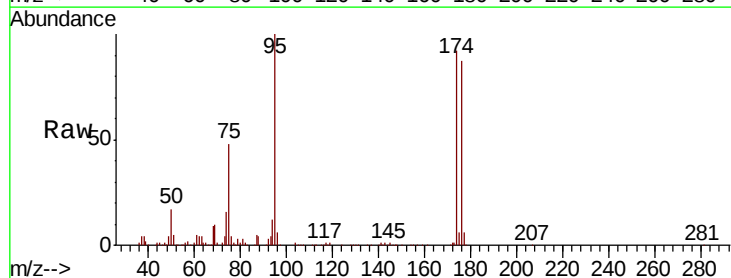
Instrument :
MSVOA_N
ClientSampleId :
TRIPBLANK

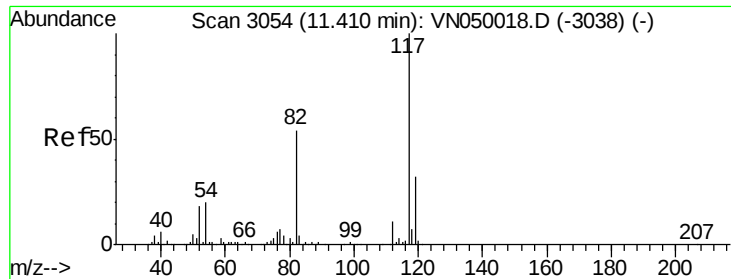
Tot Ion: 98 Resp: 1520791
Ion Ratio Lower Upper
98 100
100 63.0 50.7 76.1



#62
4-Bromofluorobenzene
Concen: 39.23 ug/l
RT: 12.40 min Scan# 3363
Delta R.T. 0.00 min
Lab File: VN050358.D
Acq: 4 Aug 2018 11:38

Tgt Ion: 95 Resp: 426495
Ion Ratio Lower Upper
95 100
174 91.2 0.0 178.2
176 86.7 0.0 173.4

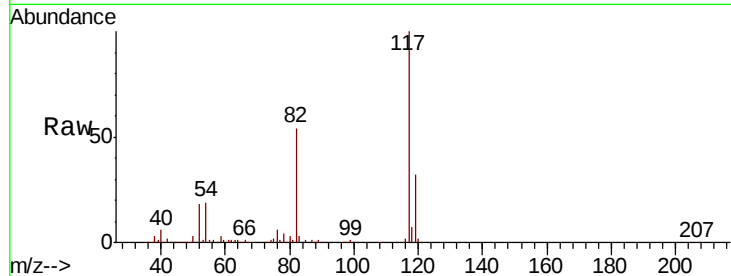




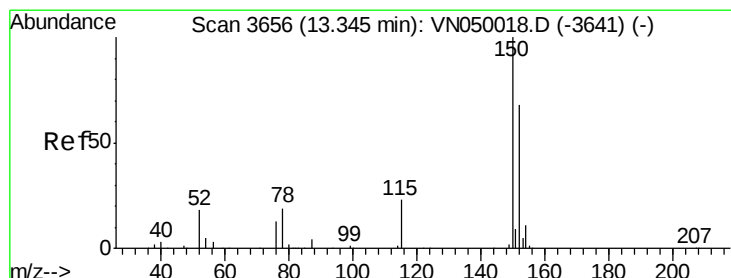
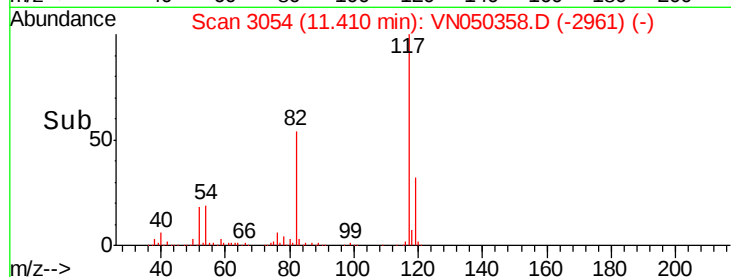
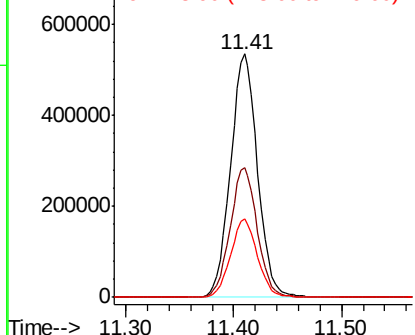
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.41 min Scan# 3054
Delta R.T. 0.00 min
Lab File: VN050358.D
Acq: 4 Aug 2018 11:38

Instrument :
MSVOA_N
ClientSampleId :
TRIPBLANK

Tot Ion:117 Resp: 932073
Ion Ratio Lower Upper
117 100
82 53.5 43.7 65.5
119 32.2 26.1 39.1

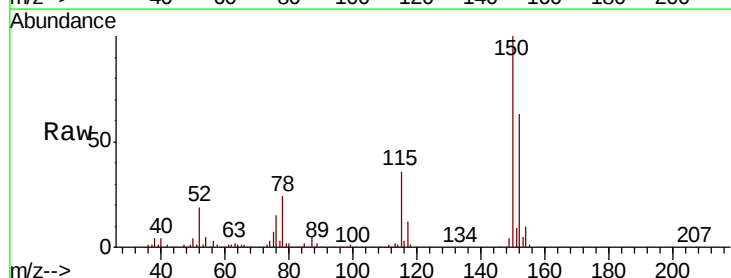


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.35 min Scan# 3656
Delta R.T. 0.00 min
Lab File: VN050358.D
Acq: 4 Aug 2018 11:38

Tgt Ion:152 Resp: 359169
Ion Ratio Lower Upper
152 100
115 56.9 27.8 83.3
150 158.5 0.0 348.6



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

