

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD082219\
 Data File : VD063744.D
 Acq On : 22 Aug 2019 20:09
 Operator : JC/SY
 Sample : K4451-03
 Misc : 6.50g/5ml/MSVOA D/SOIL
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 B-3

Quant Time: Aug 23 07:34:37 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D080919S.M
 Quant Title : SW846 8260
 QLast Update : Sat Aug 10 06:42:47 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.04	168	933257	50.00	ug/l	-0.03
34) 1,4-Difluorobenzene	8.22	114	1366342	50.00	ug/l	-0.02
63) Chlorobenzene-d5	12.37	117	1202034	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.52	152	607877	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	7.45	65	651158	65.27	ug/l	-0.02
Spiked Amount						
			Recovery	=		130.54%
35) Dibromofluoromethane	6.92	113	755134	65.62	ug/l	-0.02
Spiked Amount						
			Recovery	=		131.24%
50) Toluene-d8	10.40	98	1645571	65.04	ug/l	-0.02
Spiked Amount						
			Recovery	=		130.08%
62) 4-Bromofluorobenzene	13.55	95	617605	53.86	ug/l	0.00
Spiked Amount						
			Recovery	=		107.72%

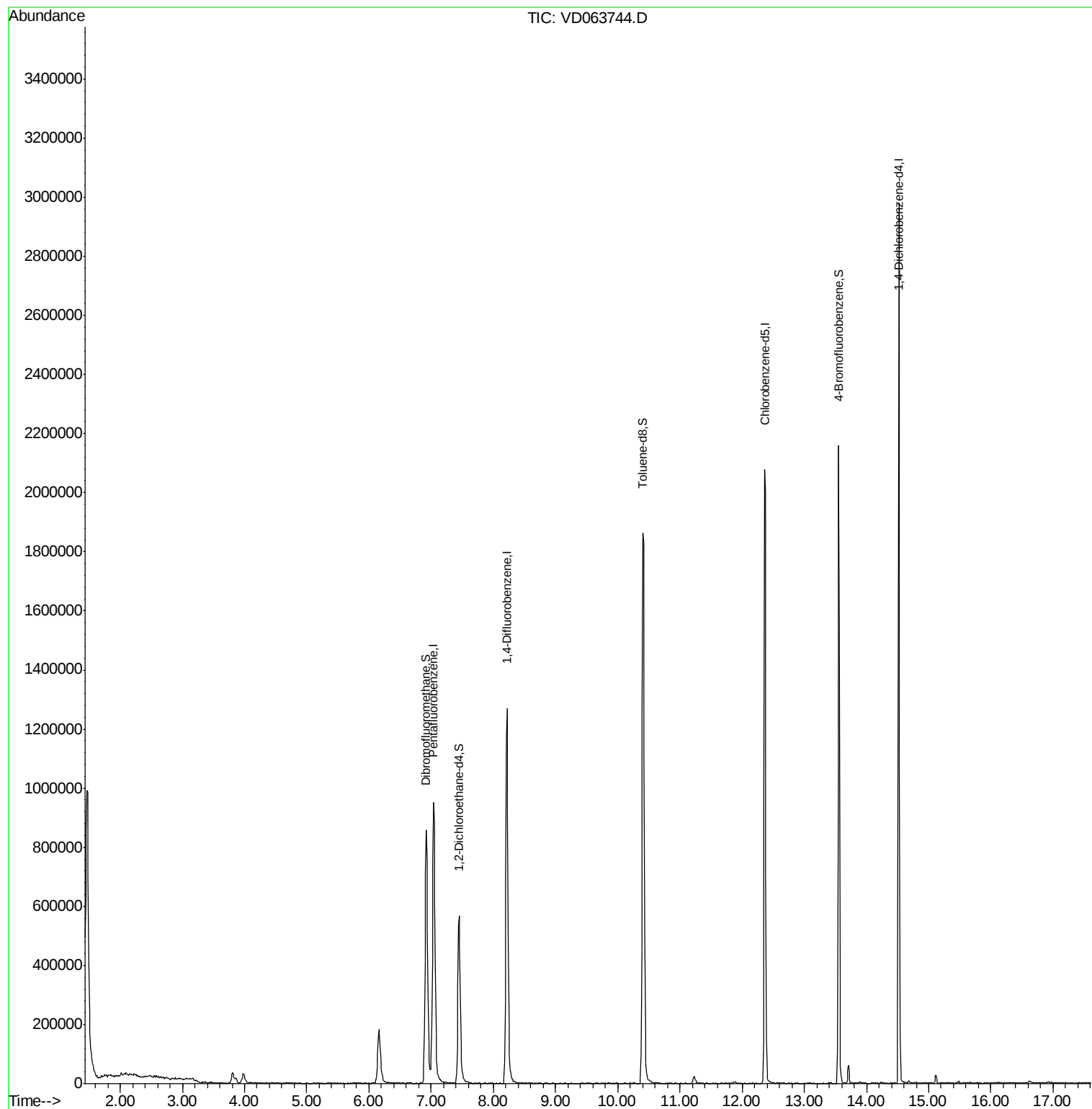
Target Compounds	Qvalue

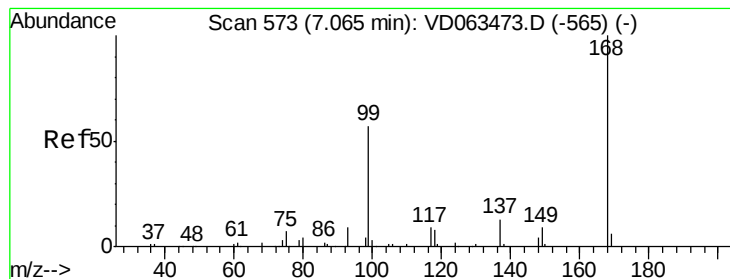
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD082219\
Data File : VD063744.D
Acq On : 22 Aug 2019 20:09
Operator : JC/SY
Sample : K4451-03
Misc : 6.50g/5ml/MSVOA D/SOIL
ALS Vial : 27 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
B-3

Quant Time: Aug 23 07:34:37 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D080919S.M
Quant Title : SW846 8260
QLast Update : Sat Aug 10 06:42:47 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.04 min Scan# 570

Delta R.T. -0.03 min

Lab File: VD063744.D

Acq: 22 Aug 2019 20:09

Instrument :

MSVOA_D

ClientSampleId :

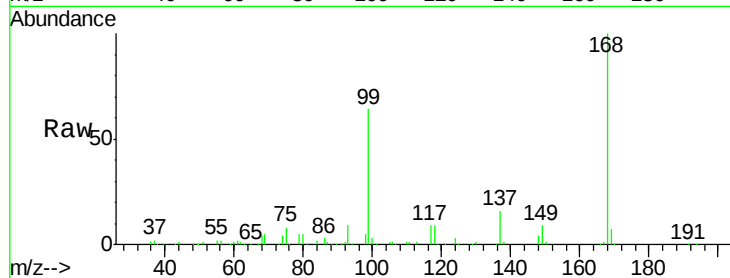
B-3

Tot Ion:168 Resp: 933257

Ion Ratio Lower Upper

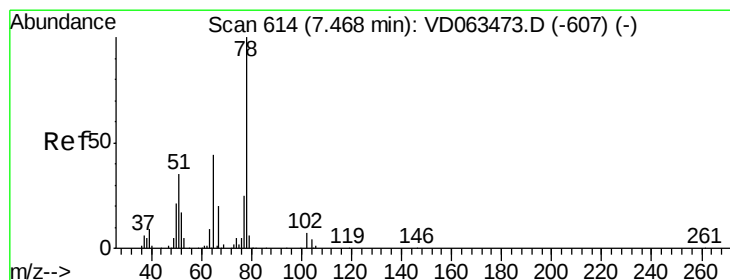
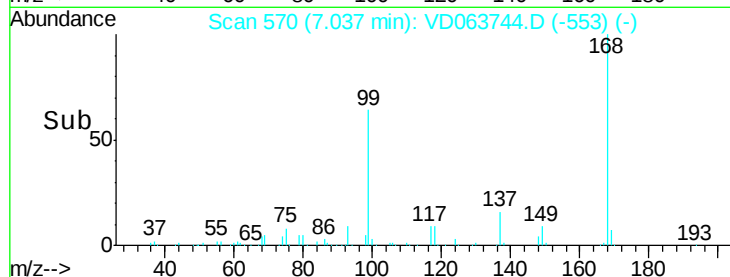
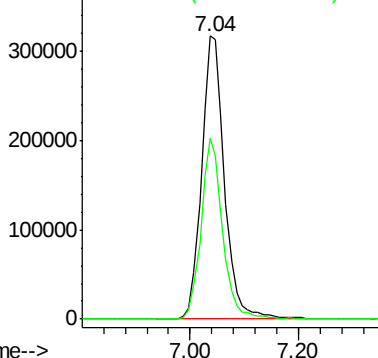
168 100

99 64.1 46.7 70.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC



#33

1,2-Dichloroethane-d4

Concen: 65.274 ug/l

RT: 7.45 min Scan# 612

Delta R.T. -0.02 min

Lab File: VD063744.D

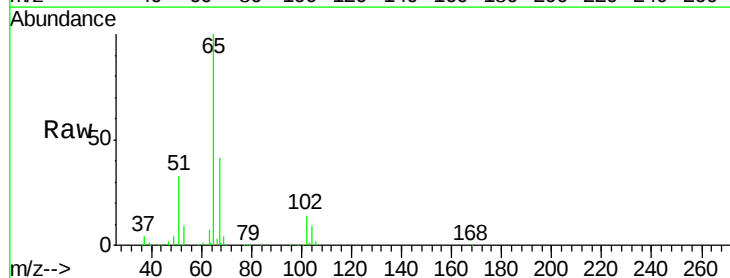
Acq: 22 Aug 2019 20:09

Tgt Ion: 65 Resp: 651158

Ion Ratio Lower Upper

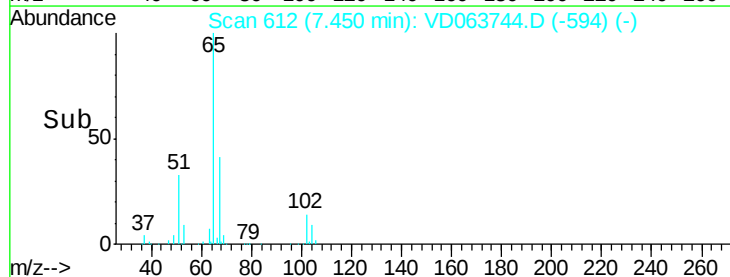
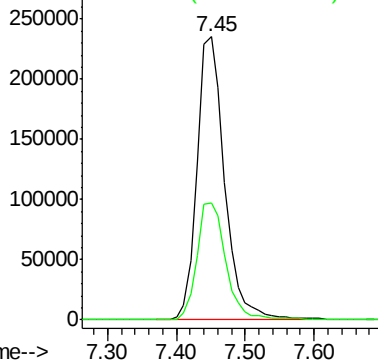
65 100

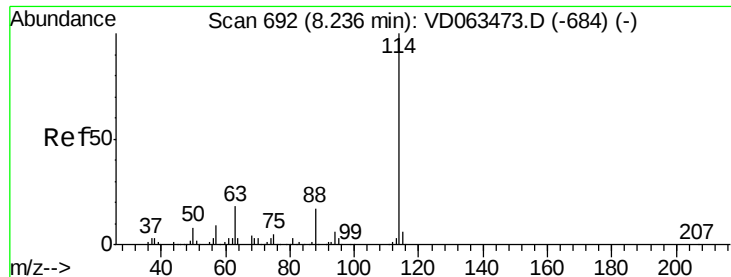
67 41.5 0.0 89.2



Abundance Ion 64.95 (64.65 to 65.65): VDC

Ion 66.90 (66.60 to 67.60): VDC





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.22 min Scan# 690

Delta R.T. -0.02 min

Lab File: VD063744.D

Acq: 22 Aug 2019 20:09

Instrument :

MSVOA_D

ClientSampleId :

B-3

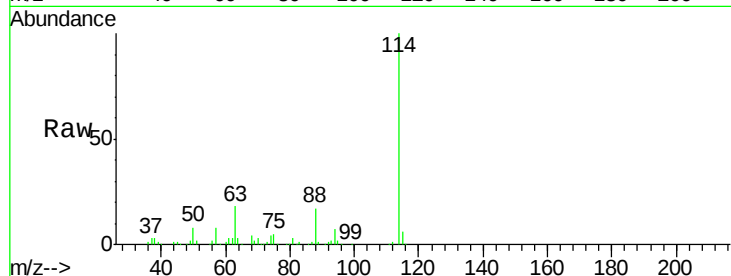
Tot Ion:114 Resp: 1366342

Ion Ratio Lower Upper

114 100

63 18.3 0.0 36.2

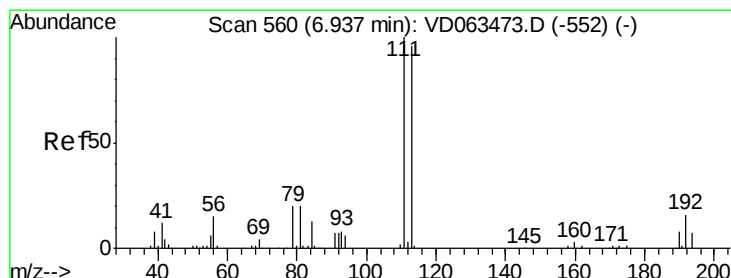
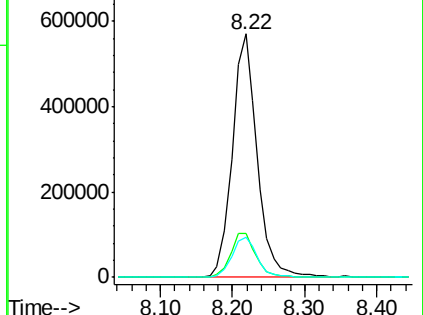
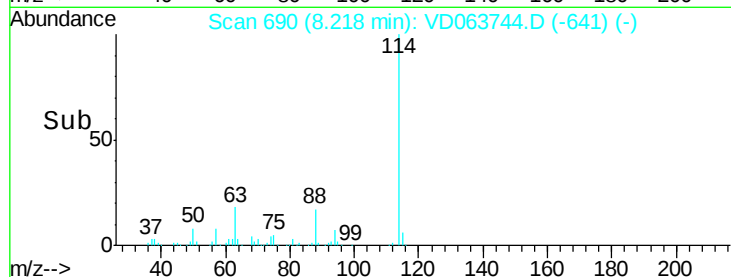
88 16.6 0.0 35.0



Abundance Ion 114.00 (113.70 to 114.70): V

Ion 62.95 (62.65 to 63.65): V

Ion 87.90 (87.60 to 88.60): V



#35

Dibromofluoromethane

Concen: 65.621 ug/l

RT: 6.92 min Scan# 558

Delta R.T. -0.02 min

Lab File: VD063744.D

Acq: 22 Aug 2019 20:09

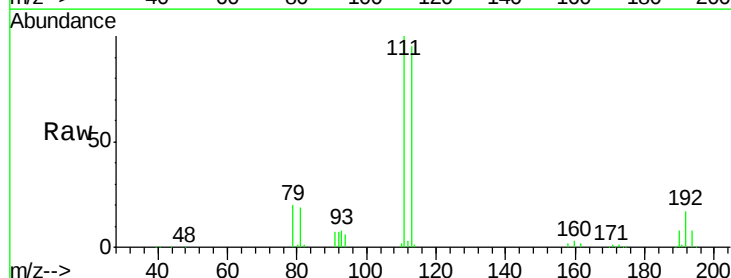
Tgt Ion:113 Resp: 755134

Ion Ratio Lower Upper

113 100

111 105.3 83.1 124.7

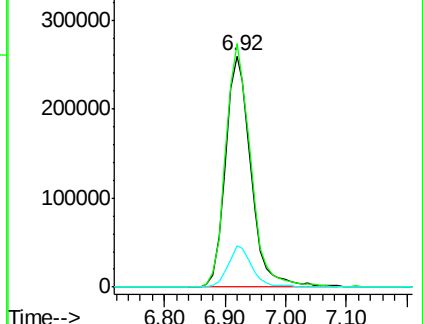
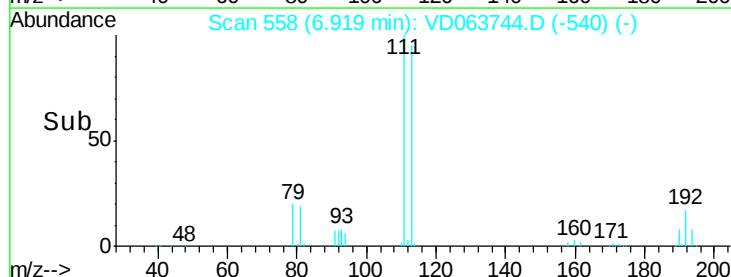
192 17.8 13.1 19.7

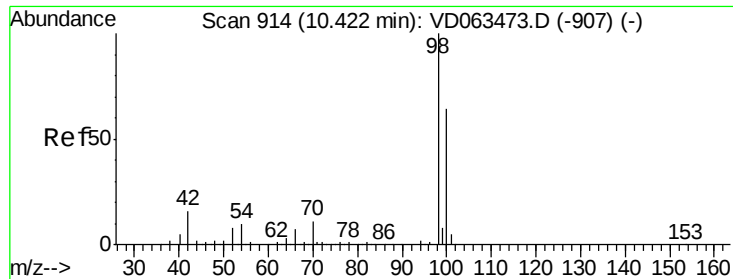


Abundance Ion 112.90 (112.60 to 113.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 191.80 (191.50 to 192.50): V

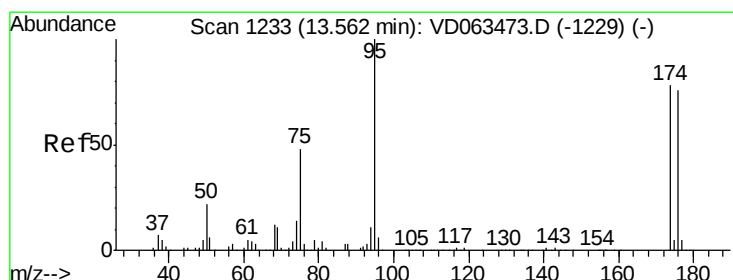
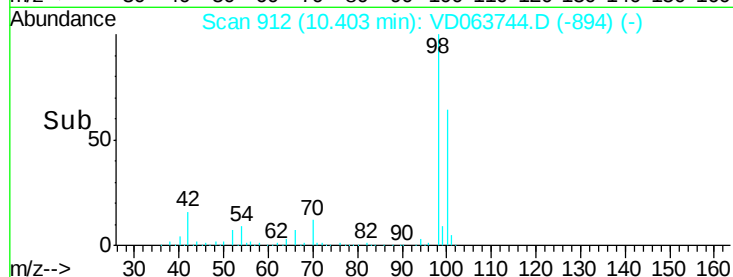
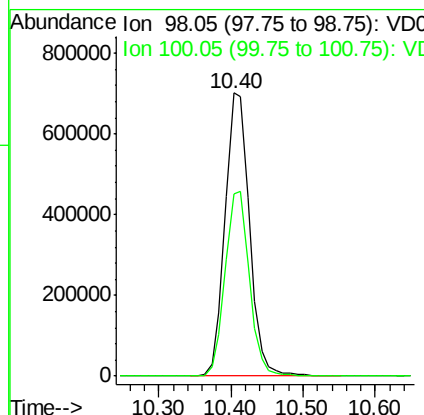
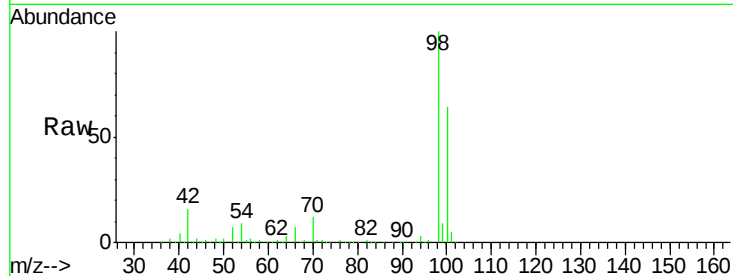




#50
Toluene-d8
Concen: 65.043 ug/l
RT: 10.40 min Scan# 912
Delta R.T. -0.02 min
Lab File: VD063744.D
Acq: 22 Aug 2019 20:09

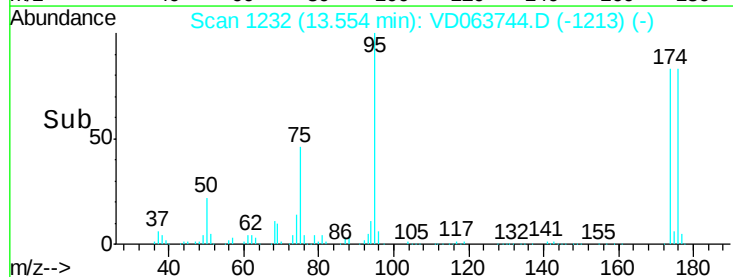
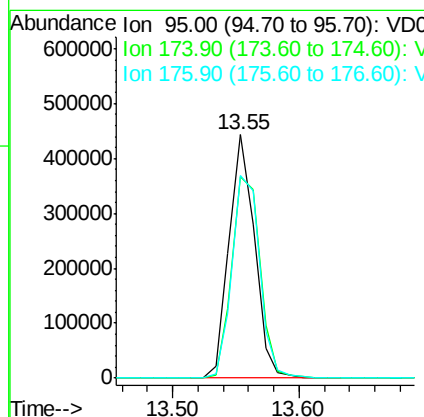
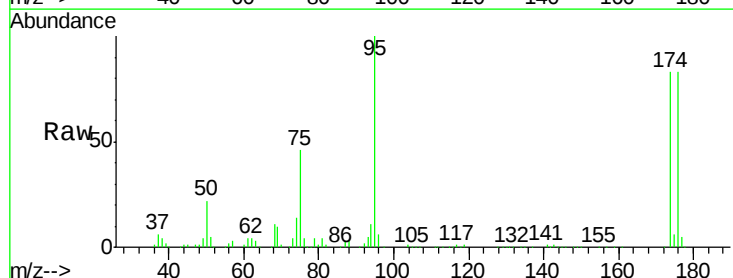
Instrument :
MSVOA_D
ClientSampleId :
B-3

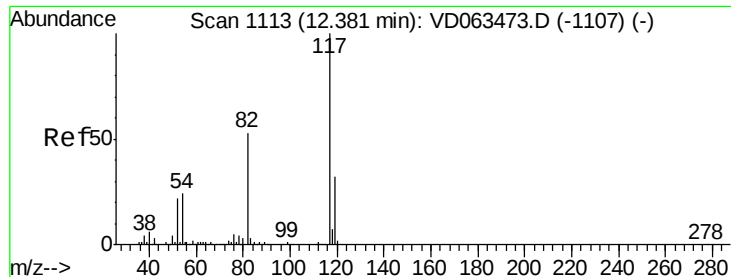
Tot Ion: 98 Resp: 1645571
Ion Ratio Lower Upper
98 100
100 64.5 51.7 77.5



#62
4-Bromofluorobenzene
Concen: 53.860 ug/l
RT: 13.55 min Scan# 1232
Delta R.T. -0.01 min
Lab File: VD063744.D
Acq: 22 Aug 2019 20:09

Tgt Ion: 95 Resp: 617605
Ion Ratio Lower Upper
95 100
174 82.8 0.0 155.4
176 83.1 0.0 152.4

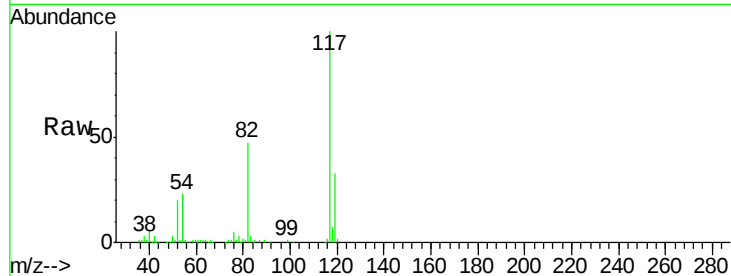




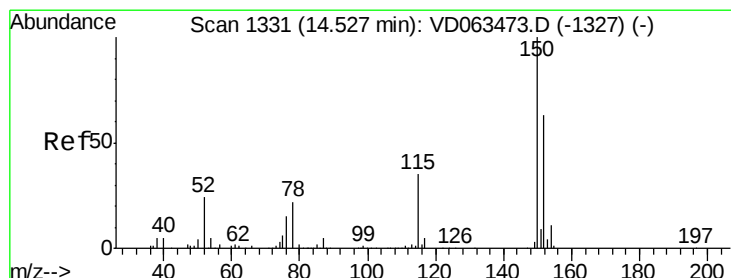
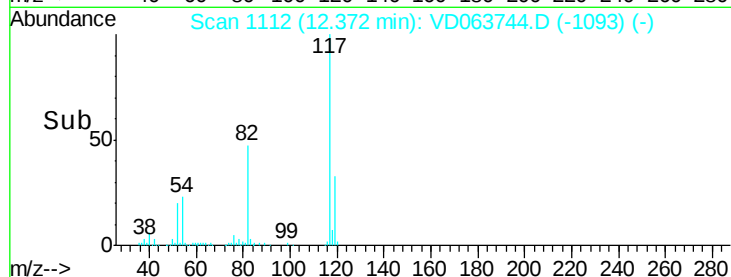
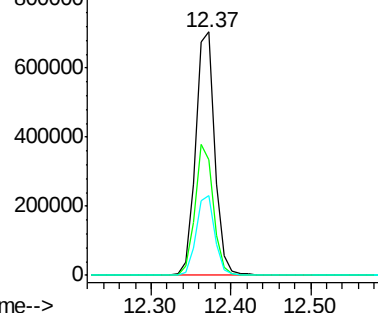
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.37 min Scan# 1112
Delta R.T. -0.01 min
Lab File: VD063744.D
Acq: 22 Aug 2019 20:09

Instrument :
MSVOA_D
ClientSampleId :
B-3

Tot Ion:117 Resp: 1202034
Ion Ratio Lower Upper
117 100
82 47.5 42.0 63.0
119 32.9 25.4 38.0

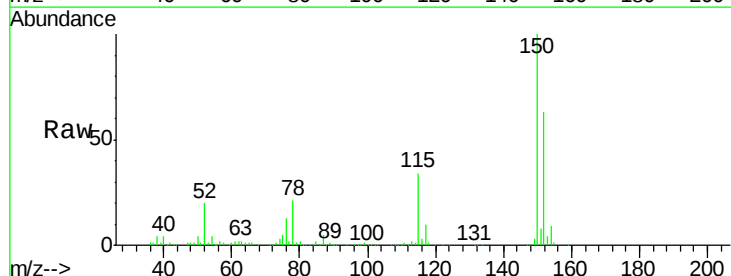


Abundance Ion 116.95 (116.65 to 117.65): V
Ion 82.05 (81.75 to 82.75): V
Ion 118.95 (118.65 to 119.65): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.52 min Scan# 1330
Delta R.T. -0.01 min
Lab File: VD063744.D
Acq: 22 Aug 2019 20:09

Tgt Ion:152 Resp: 607877
Ion Ratio Lower Upper
152 100
115 54.5 30.9 92.7
150 158.5 0.0 318.6



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 115.00 (114.70 to 115.70): V
Ion 149.90 (149.60 to 150.60): V

