

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD081619\
 Data File : VD063638.D
 Acq On : 16 Aug 2019 15:21
 Operator : JC/SY
 Sample : K4377-01
 Misc : 6.01g/5ml/MSVOA D/SOIL
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 RBR-50

Quant Time: Aug 17 06:57:13 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	7.03	168	904890	50.00	ug/l	-0.04
34) 1,4-Difluorobenzene	8.21	114	1247063	50.00	ug/l	-0.03
63) Chlorobenzene-d5	12.36	117	1038384	50.00	ug/l	-0.02
72) 1,4-Dichlorobenzene-d4	14.51	152	460415	50.00	ug/l	-0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	7.44	65	502725	51.97	ug/l	-0.03
Spiked Amount 50.000			Recovery	=	103.94%	
35) Dibromofluoromethane	6.91	113	525610	50.04	ug/l	-0.03
Spiked Amount 50.000			Recovery	=	100.08%	
50) Toluene-d8	10.41	98	1002093	43.40	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	86.80%	
62) 4-Bromofluorobenzene	13.55	95	424165	40.53	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	81.06%	

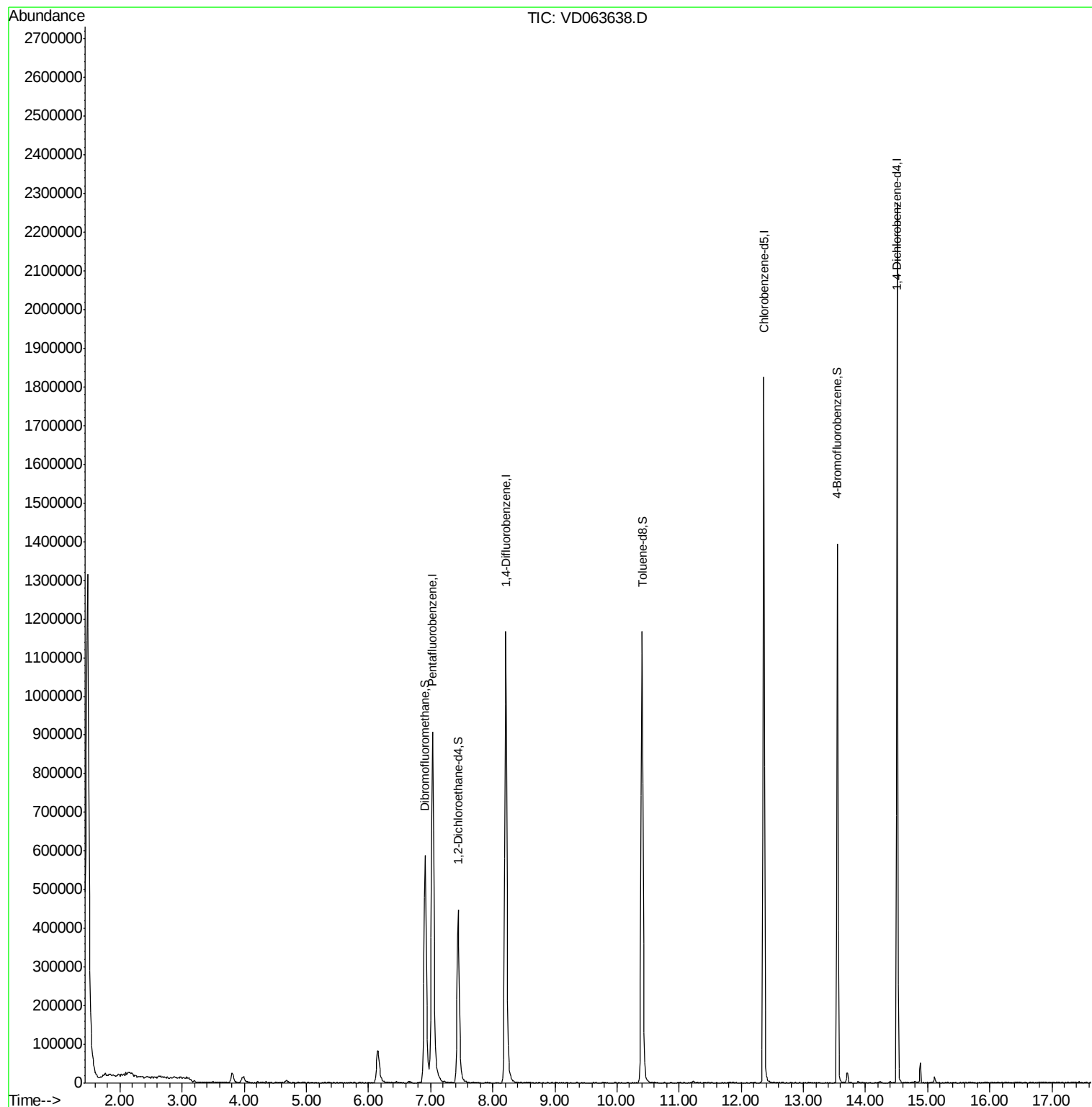
Target Compounds	Qvalue
------------------	--------

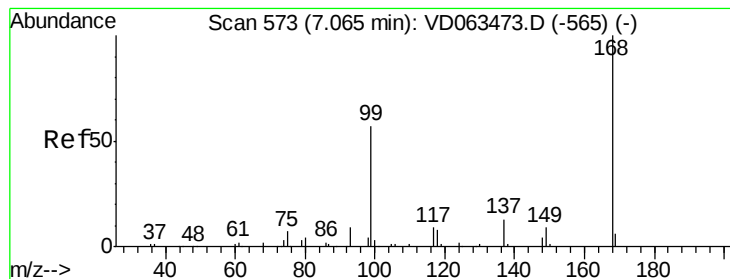
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD081619\
Data File : VD063638.D
Acq On : 16 Aug 2019 15:21
Operator : JC/SY
Sample : K4377-01
Misc : 6.01a/5ml/MSVOA D/SOIL
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
RBR-50

Quant Time: Aug 17 06:57:13 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: 7.03 min Scan# 569

Delta R.T. -0.04 min

Lab File: VD063638.D

Acq: 16 Aug 2019 15:21

Instrument :

MSVOA_D

ClientSampleId :

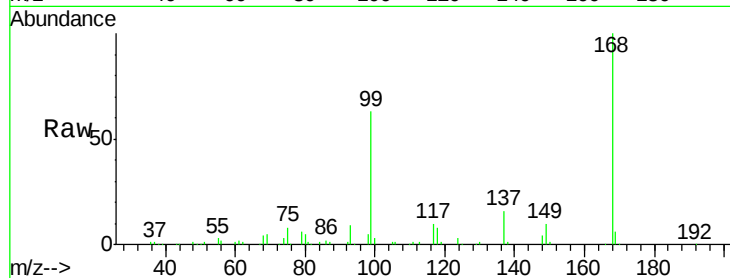
RBR-50

Tot Ion:168 Resp: 904890

Ion Ratio Lower Upper

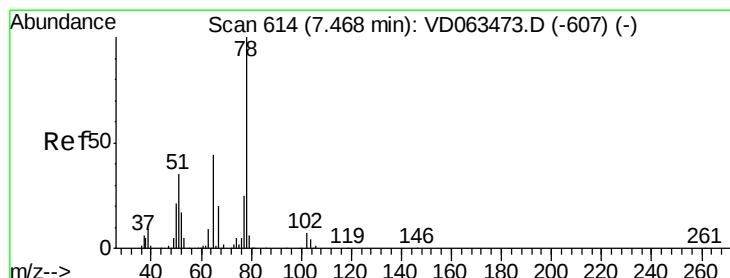
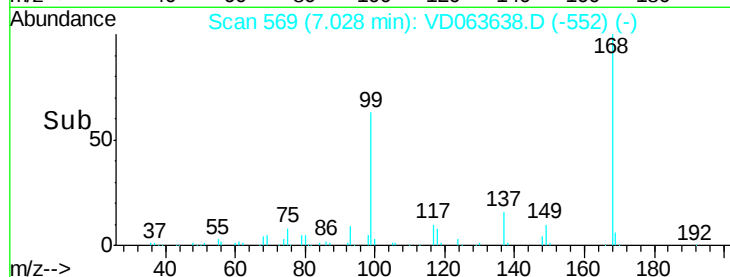
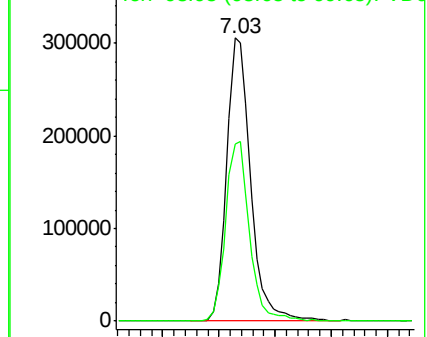
168 100

99 62.6 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: 51.974 ug/l

RT: 7.44 min Scan# 611

Delta R.T. -0.03 min

Lab File: VD063638.D

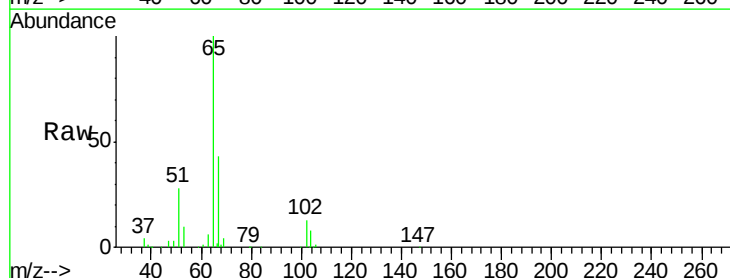
Acq: 16 Aug 2019 15:21

Tgt Ion: 65 Resp: 502725

Ion Ratio Lower Upper

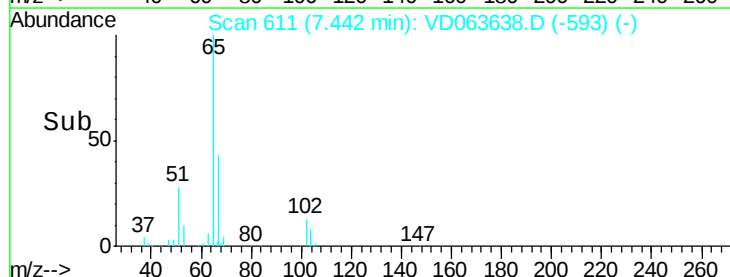
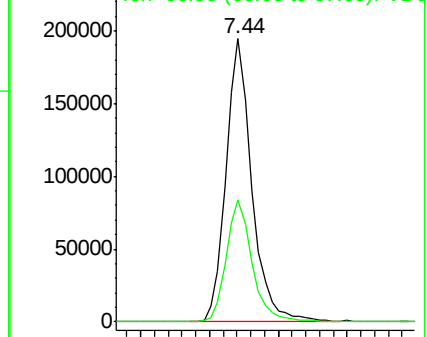
65 100

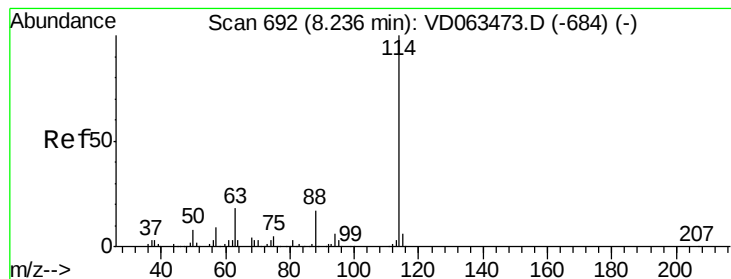
67 43.3 0.0 89.2



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: 8.21 min Scan# 689

Delta R.T. -0.03 min

Lab File: VD063638.D

Acq: 16 Aug 2019 15:21

Instrument :

MSVOA_D

ClientSampleId :

RBR-50

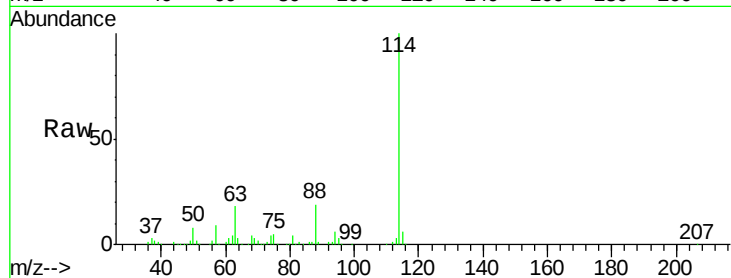
Tot Ion:114 Resp: 1247063

Ion Ratio Lower Upper

114 100

63 18.4 0.0 36.2

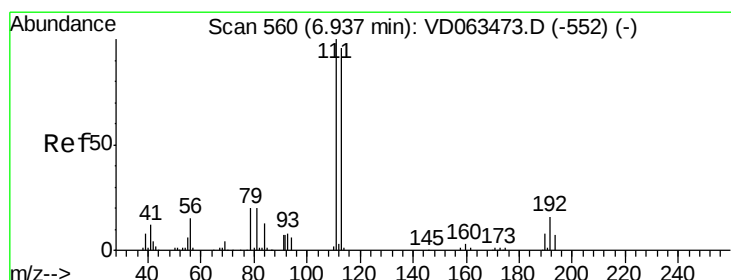
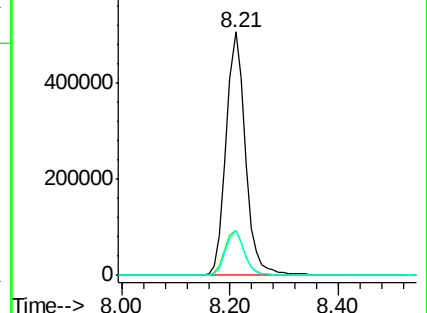
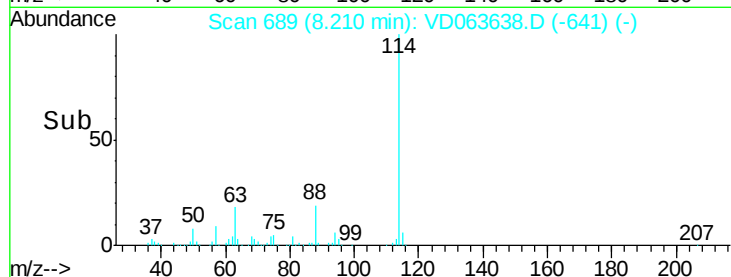
88 18.8 0.0 35.0



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: 50.045 ug/l

RT: 6.91 min Scan# 557

Delta R.T. -0.03 min

Lab File: VD063638.D

Acq: 16 Aug 2019 15:21

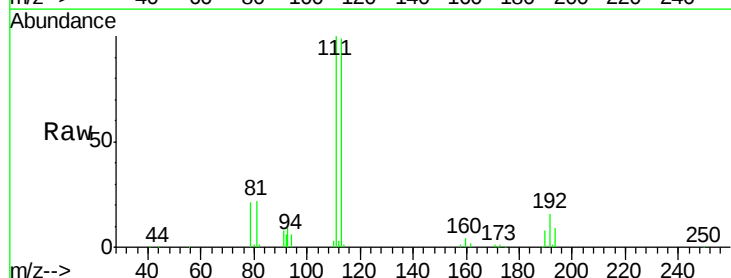
Tgt Ion:113 Resp: 525610

Ion Ratio Lower Upper

113 100

111 101.1 83.1 124.7

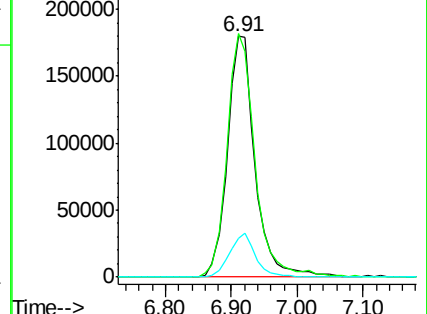
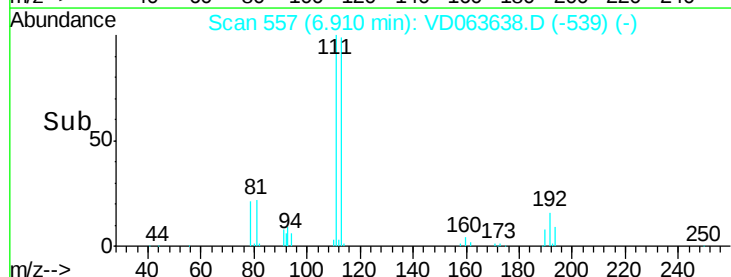
192 16.2 13.1 19.7

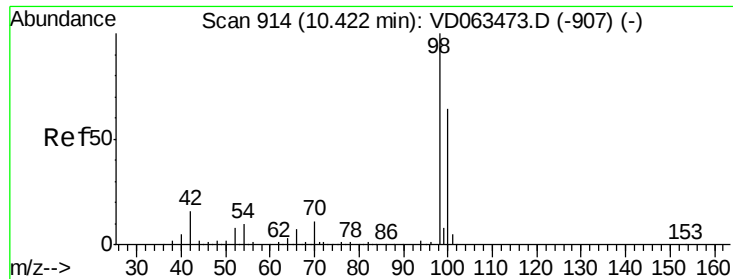


Abundance Ion 112.90 (112.60 to 113.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 191.80 (191.50 to 192.50): V

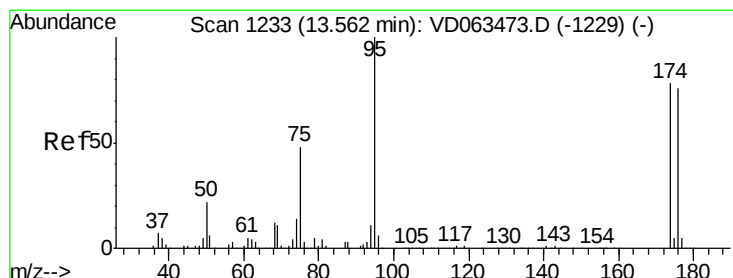
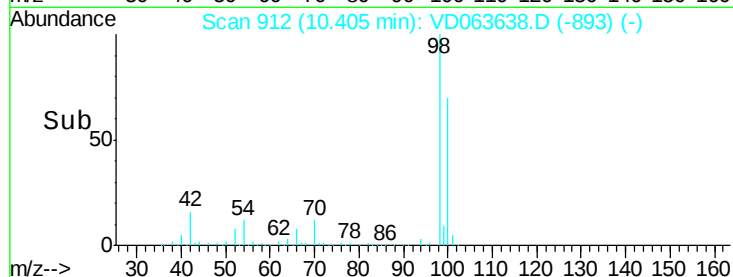
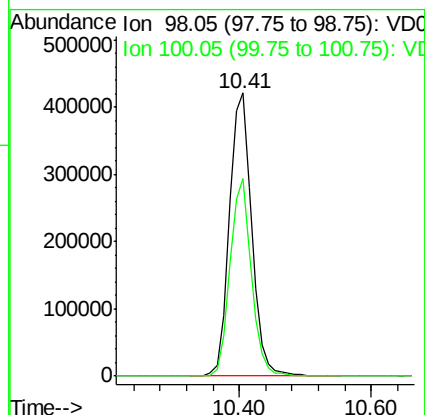
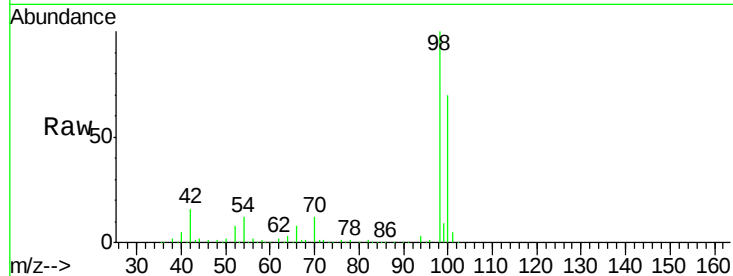




#50
Toluene-d8
Concen: 43.398 ug/l
RT: 10.41 min Scan# 912
Delta R.T. -0.02 min
Lab File: VD063638.D
Acq: 16 Aug 2019 15:21

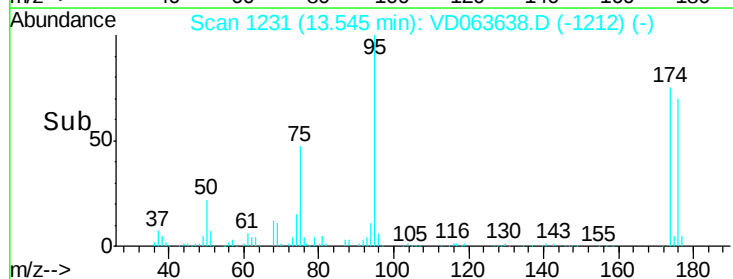
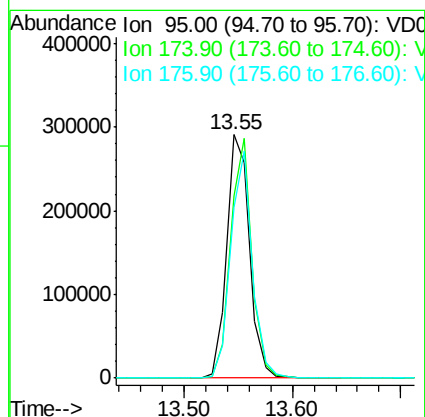
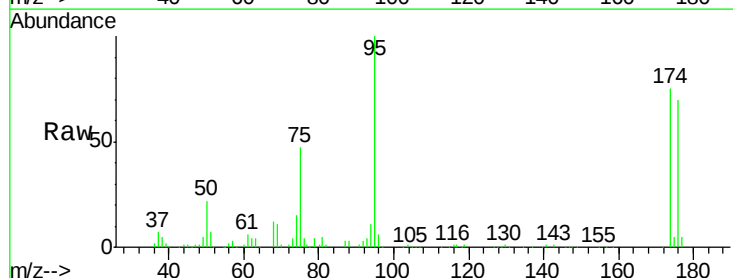
Instrument :
MSVOA_D
ClientSampleId :
RBR-50

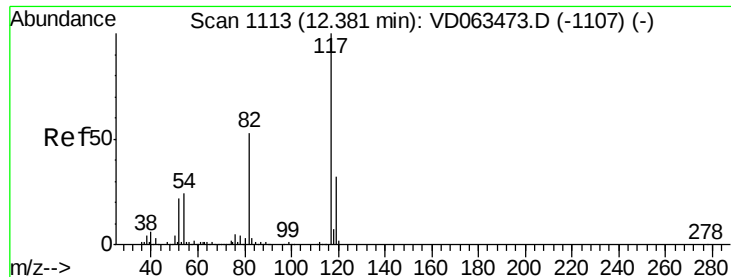
Tot Ion: 98 Resp: 1002093
Ion Ratio Lower Upper
98 100
100 69.8 51.7 77.5



#62
4-Bromofluorobenzene
Concen: 40.529 ug/l
RT: 13.55 min Scan# 1231
Delta R.T. -0.02 min
Lab File: VD063638.D
Acq: 16 Aug 2019 15:21

Tgt Ion: 95 Resp: 424165
Ion Ratio Lower Upper
95 100
174 74.7 0.0 155.4
176 70.3 0.0 152.4

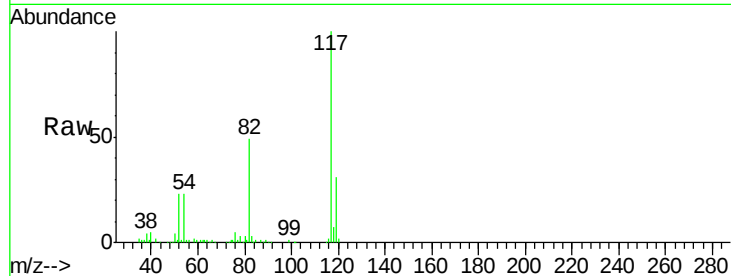




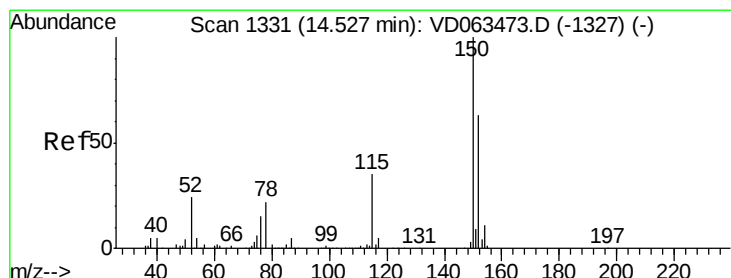
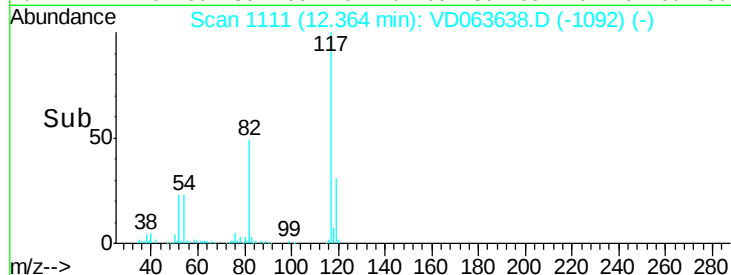
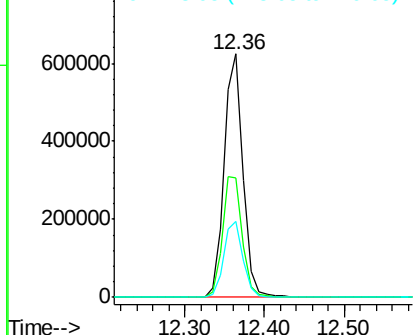
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.36 min Scan# 1111
Delta R.T. -0.02 min
Lab File: VD063638.D
Acq: 16 Aug 2019 15:21

Instrument :
MSVOA_D
ClientSampled :
RBR-50

Tot Ion:117 Resp: 1038384
Ion Ratio Lower Upper
117 100
82 49.0 42.0 63.0
119 31.1 25.4 38.0

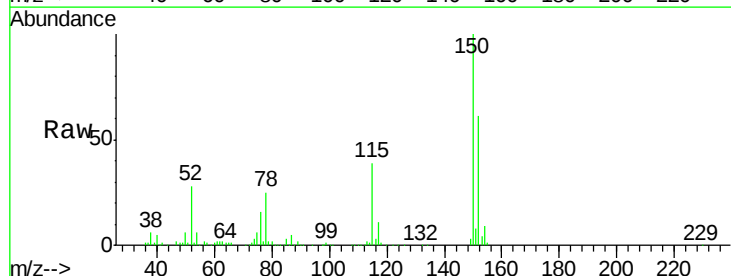


Abundance Ion 116.95 (116.65 to 117.65): V
Ion 82.05 (81.75 to 82.75): V
Ion 118.95 (118.65 to 119.65): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.51 min Scan# 1329
Delta R.T. -0.02 min
Lab File: VD063638.D
Acq: 16 Aug 2019 15:21

Tgt Ion:152 Resp: 460415
Ion Ratio Lower Upper
152 100
115 64.3 30.9 92.7
150 162.9 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

