

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD061419\
 Data File : VD062704.D
 Acq On : 14 Jun 2019 11:58
 Operator : VA/AP
 Sample : VD0614SBL01
 Misc : 5.00g/5ml/MSVOA D/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0614SBL01

Quant Time: Jun 15 05:02:23 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D060719S.M
 Quant Title : SW846 8260
 QLast Update : Sat Jun 08 00:02:21 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.05	168	766933	50.00	ug/l	0.02
34) 1,4-Difluorobenzene	8.23	114	1060650	50.00	ug/l	0.00
63) Chlorobenzene-d5	12.37	117	819221	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.52	152	480207	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.46	65	564097	50.97	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.94%	
35) Dibromofluoromethane	6.94	113	576976	51.58	ug/l	0.02
Spiked Amount	50.000		Recovery	=	103.16%	
50) Toluene-d8	10.41	98	1203062	51.13	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.26%	
62) 4-Bromofluorobenzene	13.56	95	562789	51.26	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.52%	

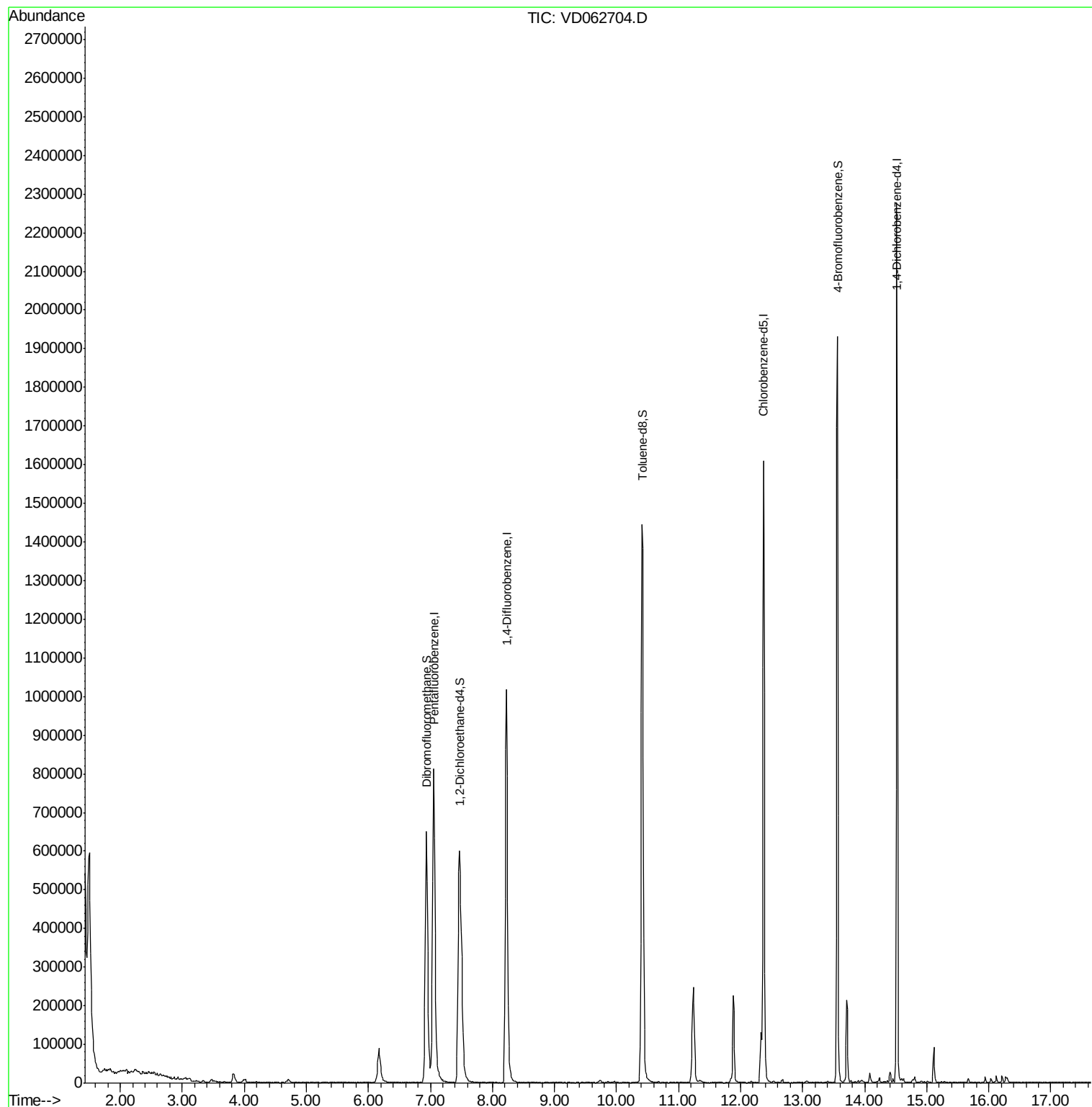
Target Compounds	Qvalue

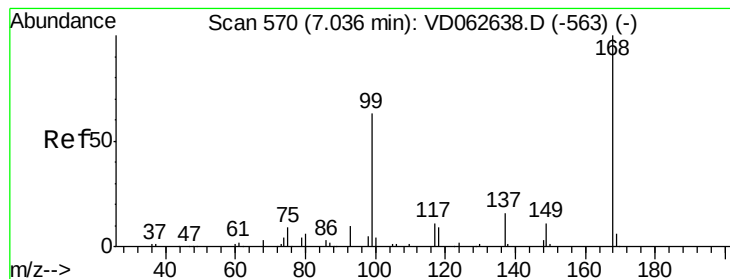
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.05 min Scan# 572

Delta R.T. 0.02 min

Lab File: VD062704.D

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Instrument :

MSVOA_D

ClientSampleId :

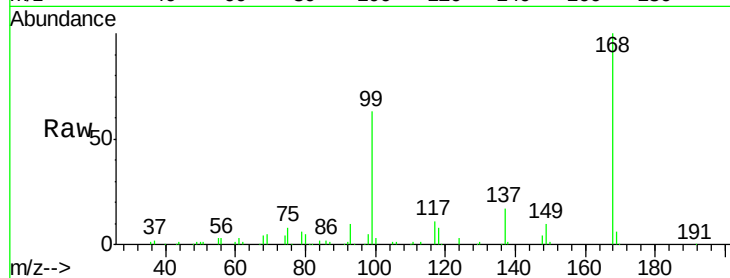
VD0614SBL01

Tot Ion:168 Resp: 766933

Ion Ratio Lower Upper

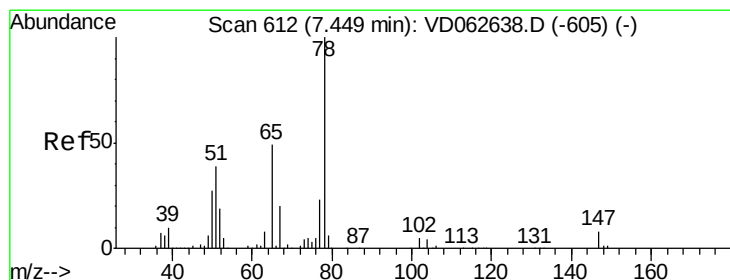
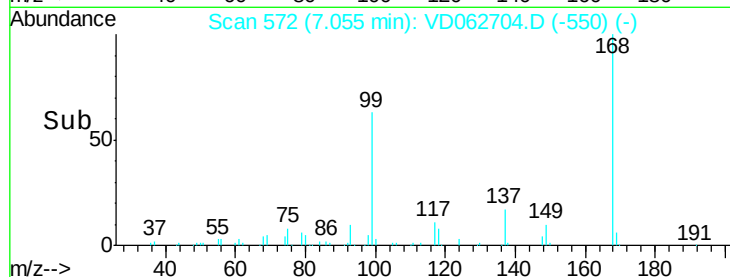
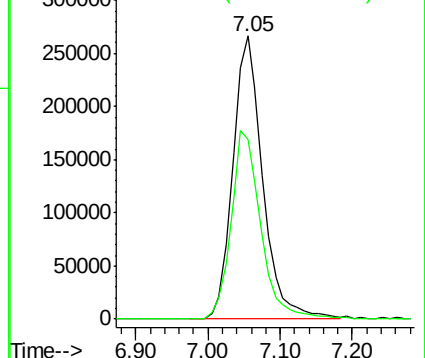
168 100

99 63.4 51.4 77.2



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: 50.972 ug/l

RT: 7.46 min Scan# 613

Delta R.T. 0.01 min

Lab File: VD062704.D

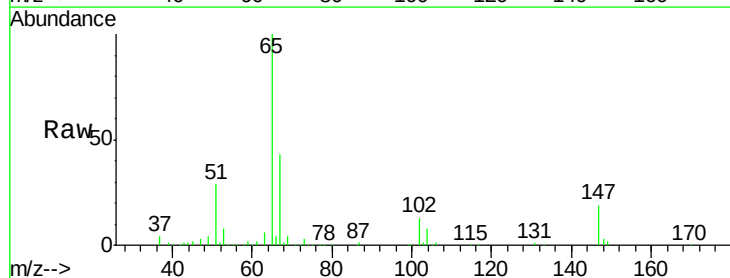
Acq: 14 Jun 2019 11:58

Tgt Ion: 65 Resp: 564097

Ion Ratio Lower Upper

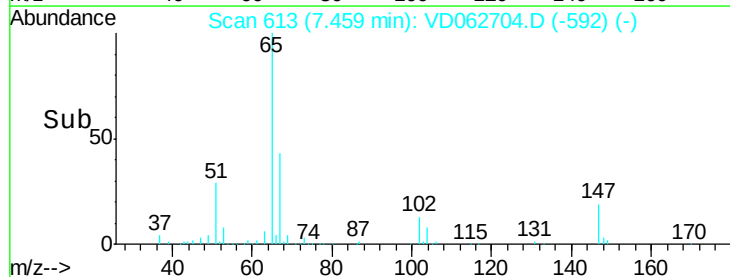
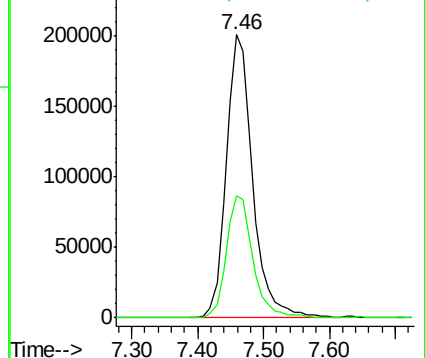
65 100

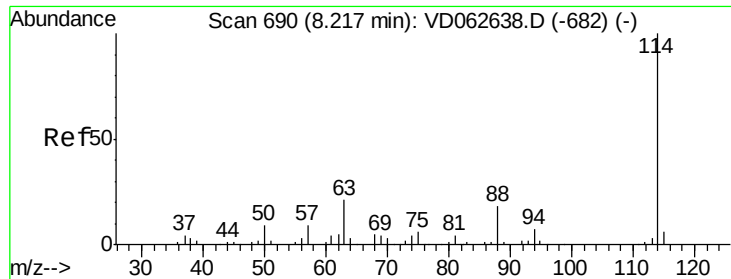
67 43.3 0.0 81.8



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: 8.23 min Scan# 691

Delta R.T. 0.01 min

Lab File: VD062704.D

Acq: 14 Jun 2019 11:58

Instrument :

MSVOA_D

ClientSampleId :

VD0614SBL01

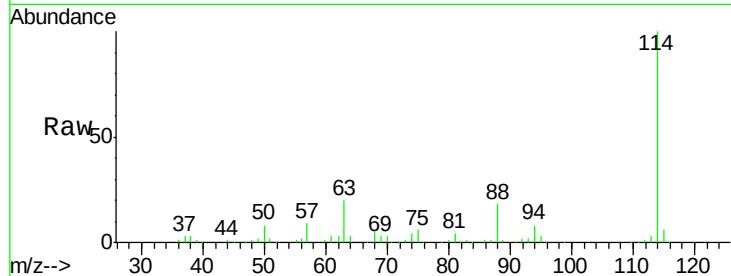
Tot Ion:114 Resp: 1060650

Ion Ratio Lower Upper

114 100

63 20.0 0.0 42.4

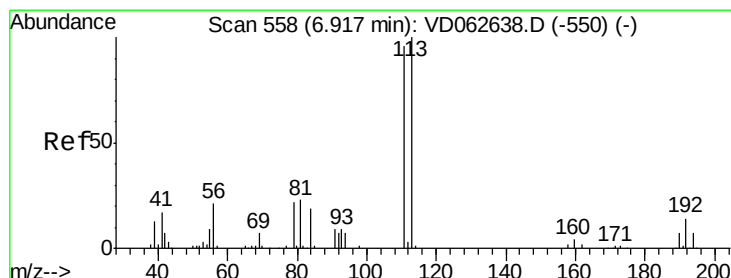
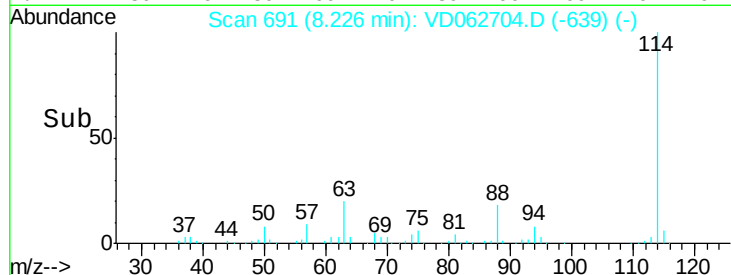
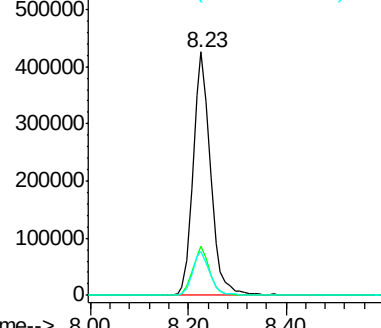
88 18.2 0.0 36.8



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: 51.580 ug/l

RT: 6.94 min Scan# 560

Delta R.T. 0.02 min

Lab File: VD062704.D

Acq: 14 Jun 2019 11:58

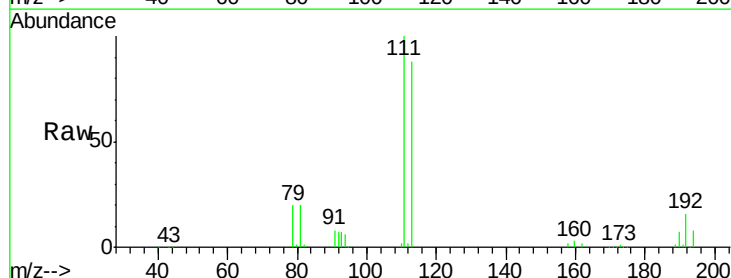
Tgt Ion:113 Resp: 576976

Ion Ratio Lower Upper

113 100

111 113.6 76.4 114.6

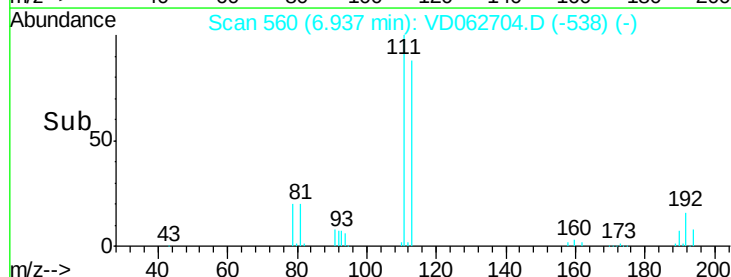
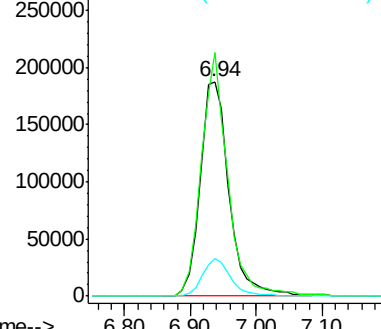
192 17.8 11.4 17.0#

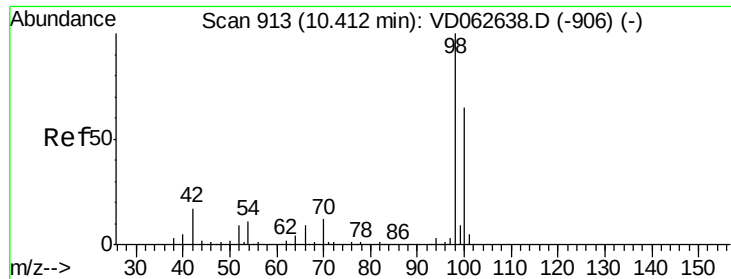


Abundance Ion 112.90 (112.60 to 113.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 191.80 (191.50 to 192.50): V

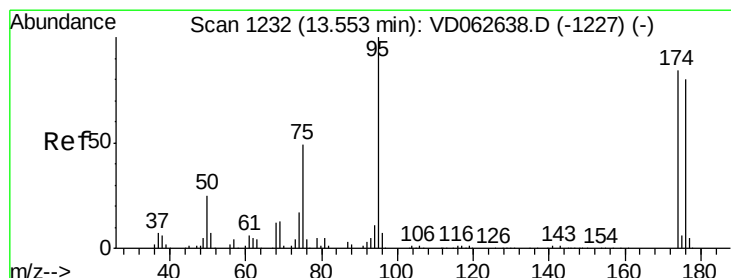
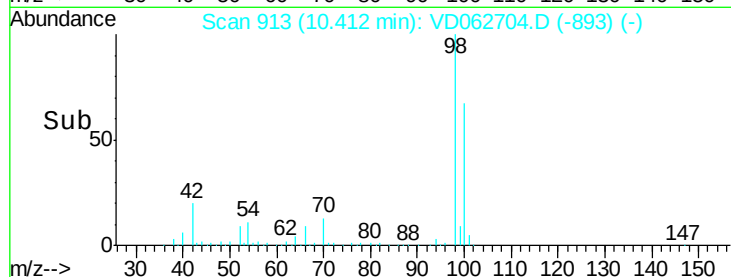
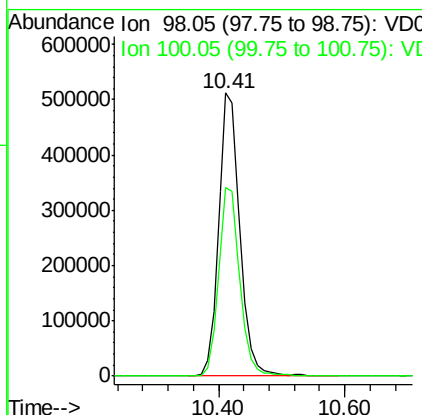
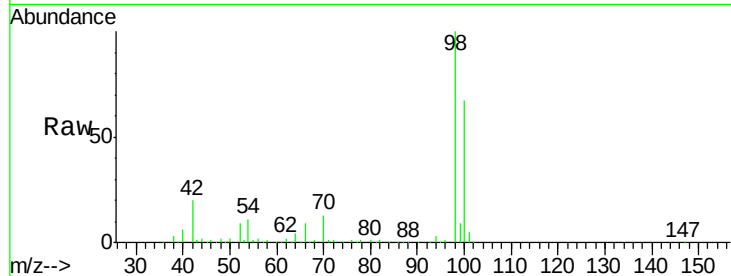




#50
Toluene-d8
Concen: 51.126 ug/l
RT: 10.41 min Scan# 913
Delta R.T. -0.00 min
Lab File: VD062704.D
Acq: 14 Jun 2019 11:58

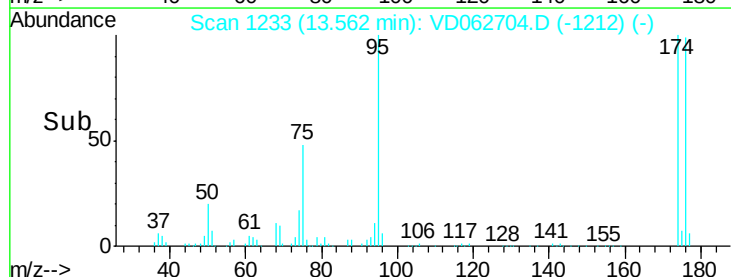
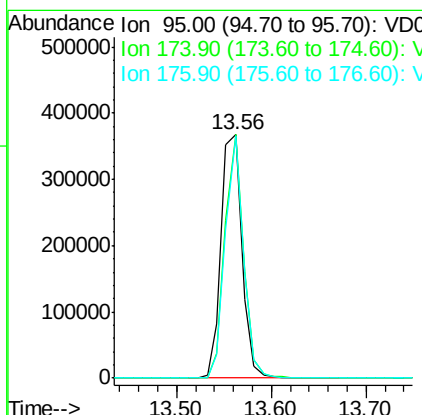
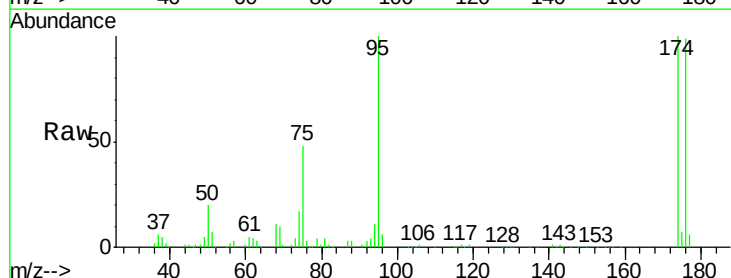
Instrument :
MSVOA_D
ClientSampleId :
VD0614SBL01

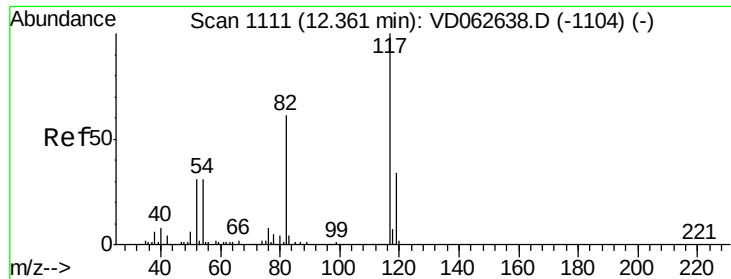
Tot Ion: 98 Resp: 1203062
Ion Ratio Lower Upper
98 100
100 66.6 52.1 78.1



#62
4-Bromofluorobenzene
Concen: 51.264 ug/l
RT: 13.56 min Scan# 1233
Delta R.T. 0.01 min
Lab File: VD062704.D
Acq: 14 Jun 2019 11:58

Tgt Ion: 95 Resp: 562789
Ion Ratio Lower Upper
95 100
174 99.8 0.0 167.0
176 99.5 0.0 159.2

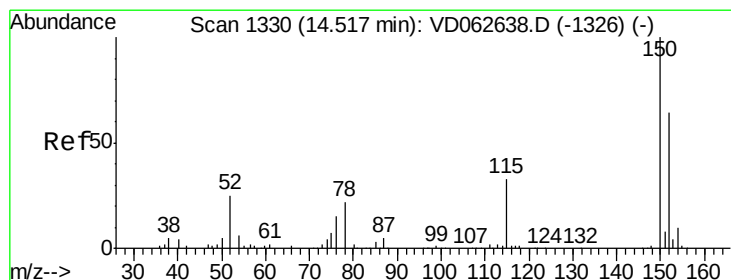
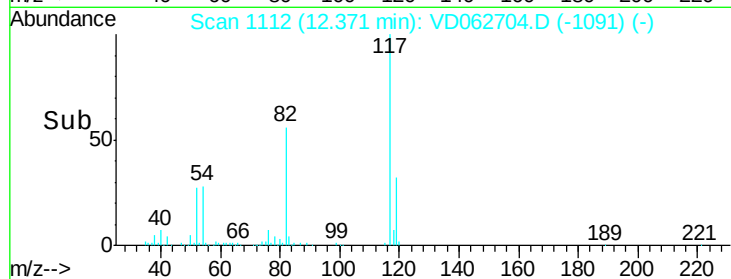
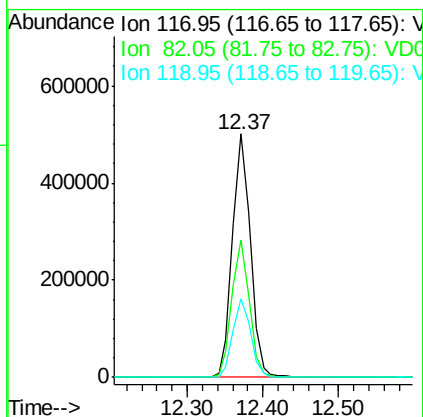
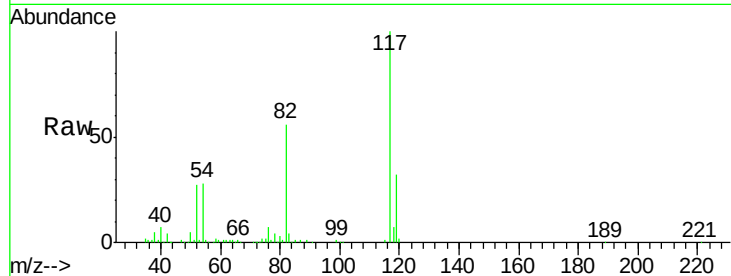




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.37 min Scan# 1112
Delta R.T. 0.01 min
Lab File: VD062704.D
Acq: 14 Jun 2019 11:58

Instrument :
MSVOA_D
ClientSampleId :
VD0614SBL01

Tot Ion:117 Resp: 819221
Ion Ratio Lower Upper
117 100
82 56.2 48.7 73.1
119 32.3 27.0 40.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.52 min Scan# 1330
Delta R.T. -0.00 min
Lab File: VD062704.D
Acq: 14 Jun 2019 11:58

Tgt Ion:152 Resp: 480207
Ion Ratio Lower Upper
152 100
115 62.4 30.1 90.5
150 160.3 0.0 314.0

