

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD080619\
 Data File : VD063394.D
 Acq On : 6 Aug 2019 12:54
 Operator : JC/SY
 Sample : VD0806SBL01
 Misc : 5.00g/5ml/MSVOA D/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0806SBL01

Quant Time: Aug 07 07:20:14 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D072919S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 30 03:04:50 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.05	168	1199431	50.00	ug/l	0.01
34) 1,4-Difluorobenzene	8.22	114	1596949	50.00	ug/l	0.01
63) Chlorobenzene-d5	12.37	117	1324816	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.52	152	727556	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	612324	46.01	ug/l	0.01
Spiked Amount				50.000		
			Recovery	=	92.02%	
35) Dibromofluoromethane	6.93	113	685061	50.24	ug/l	0.02
Spiked Amount				50.000		
			Recovery	=	100.48%	
50) Toluene-d8	10.42	98	1440925	47.22	ug/l	0.01
Spiked Amount				50.000		
			Recovery	=	94.44%	
62) 4-Bromofluorobenzene	13.56	95	642047	46.17	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	92.34%	

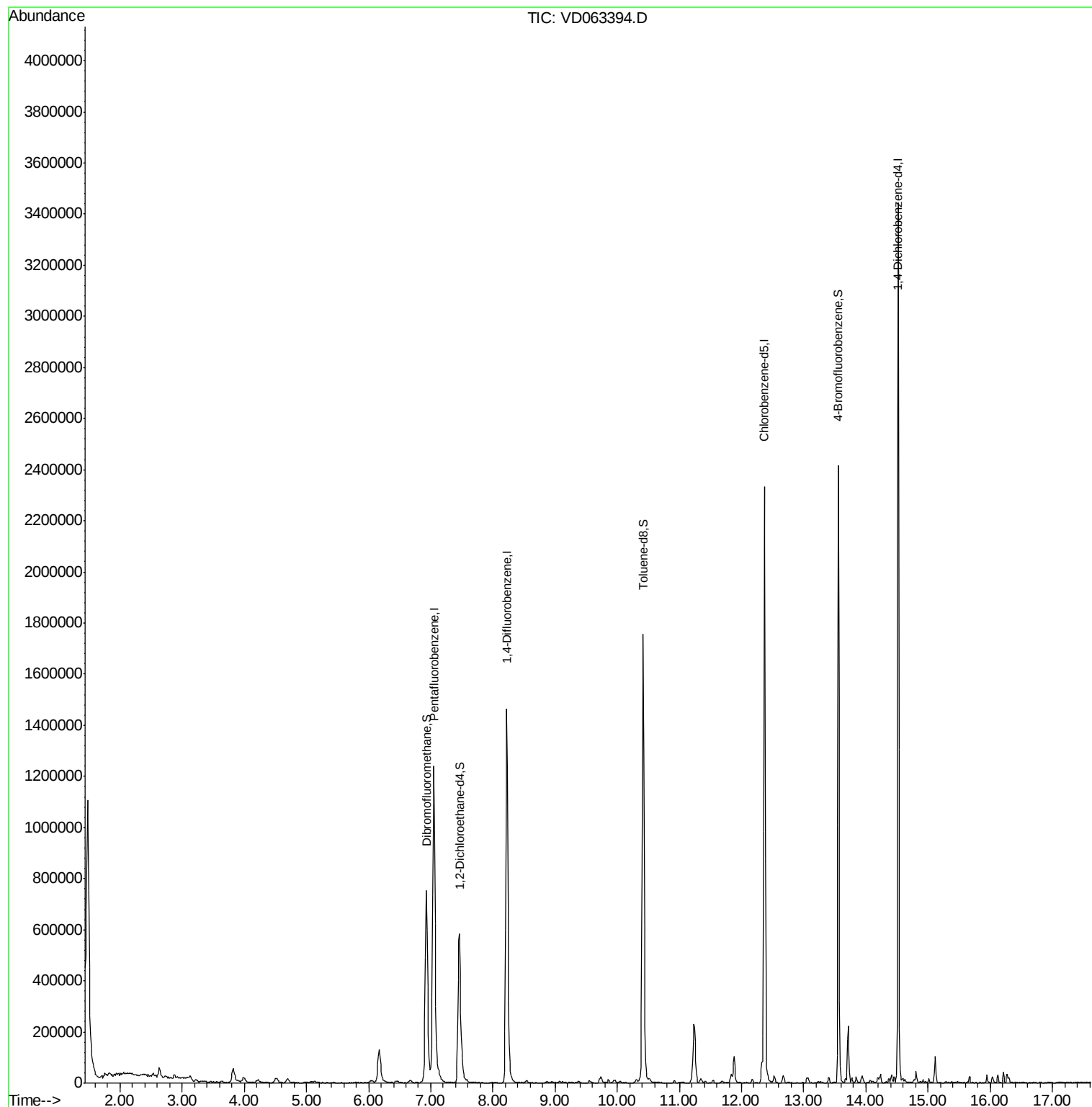
Target Compounds	Qvalue

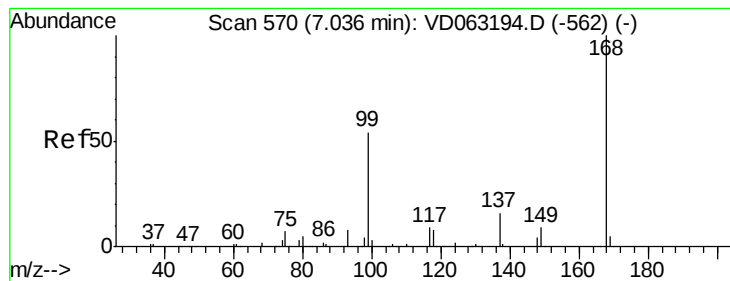
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.05 min Scan# 571

Delta R.T. 0.01 min

Lab File: VD063394.D

Acq: 6 Aug 2019 12:54

Instrument :

MSVOA_D

ClientSampleId :

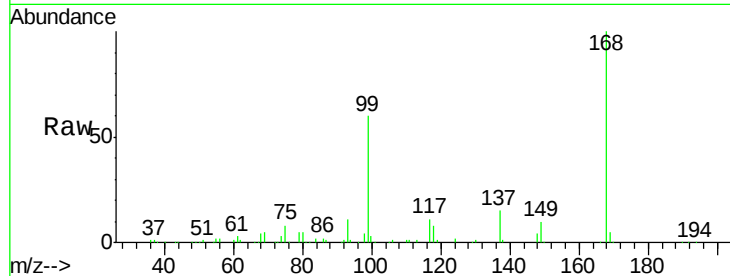
VD0806SBL01

Tot Ion:168 Resp: 1199431

Ion Ratio Lower Upper

168 100

99 60.1 43.7 65.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC

7.05

400000

300000

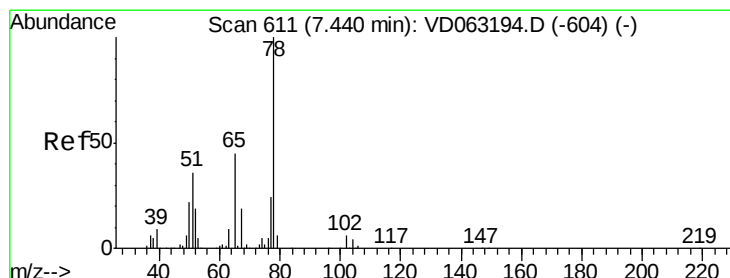
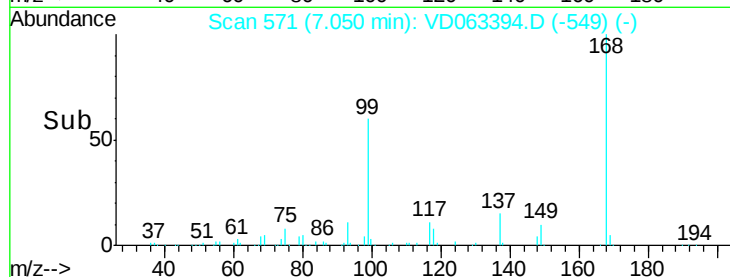
200000

100000

0

6.90 7.00 7.10 7.20

Time-->



#33

1,2-Dichloroethane-d4

Concen: 46.009 ug/l

RT: 7.45 min Scan# 612

Delta R.T. 0.01 min

Lab File: VD063394.D

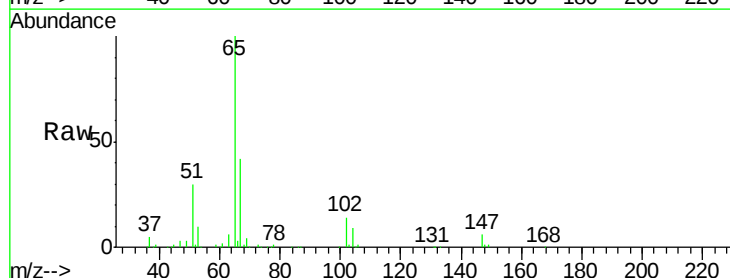
Acq: 6 Aug 2019 12:54

Tgt Ion: 65 Resp: 612324

Ion Ratio Lower Upper

65 100

67 42.2 0.0 85.8



Abundance Ion 64.95 (64.65 to 65.65): VDC

Ion 66.90 (66.60 to 67.60): VDC

7.45

250000

200000

150000

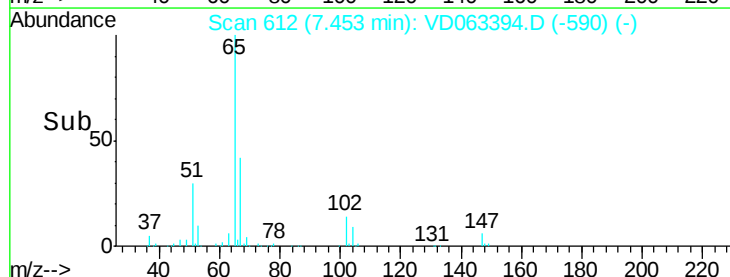
100000

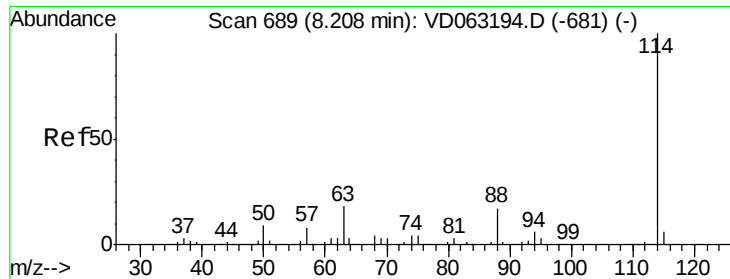
50000

0

7.30 7.40 7.50 7.60

Time-->





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.22 min Scan# 690

Delta R.T. 0.01 min

Lab File: VD063394.D

Acq: 6 Aug 2019 12:54

Instrument :

MSVOA_D

ClientSampleId :

VD0806SBL01

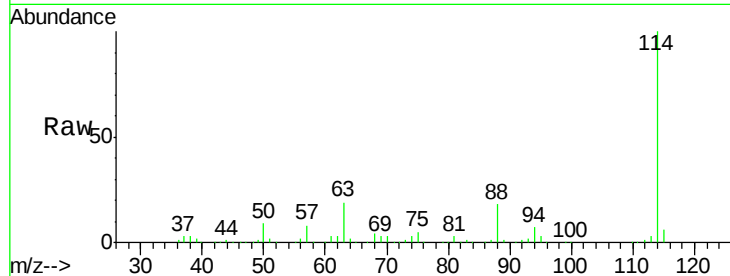
Tot Ion:114 Resp: 1596949

Ion Ratio Lower Upper

114 100

63 19.0 0.0 35.2

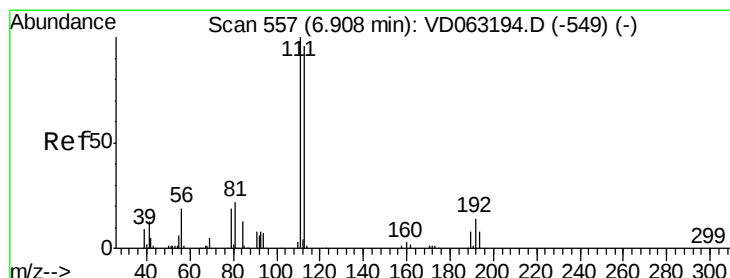
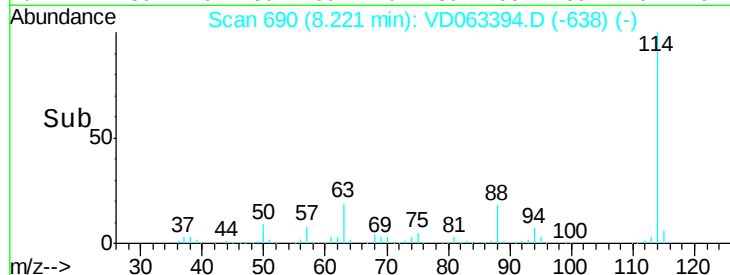
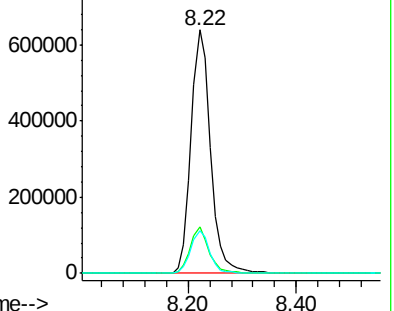
88 17.5 0.0 34.6



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: 50.244 ug/l

RT: 6.93 min Scan# 559

Delta R.T. 0.02 min

Lab File: VD063394.D

Acq: 6 Aug 2019 12:54

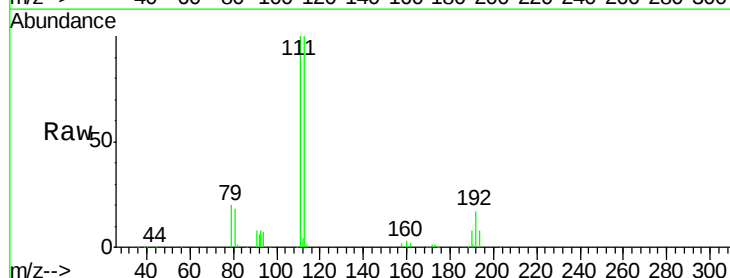
Tgt Ion:113 Resp: 685061

Ion Ratio Lower Upper

113 100

111 99.6 83.2 124.8

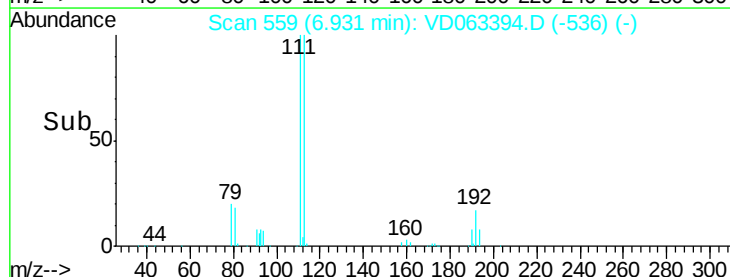
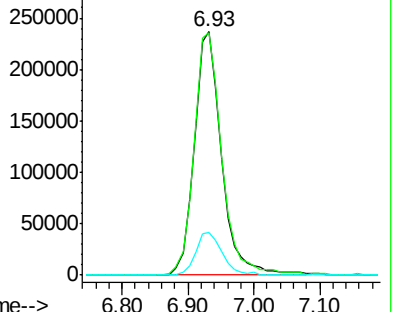
192 17.3 11.8 17.8

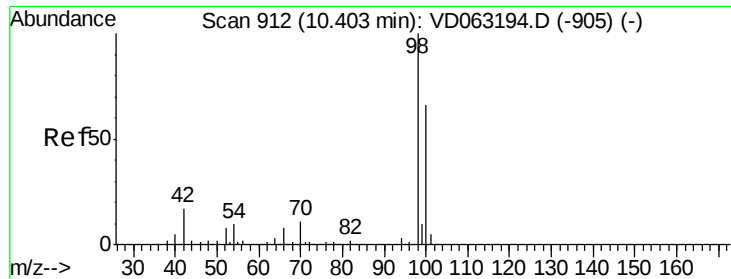


Abundance Ion 112.90 (112.60 to 113.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 191.80 (191.50 to 192.50): V

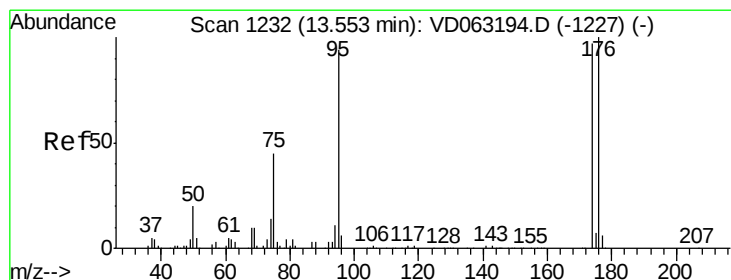
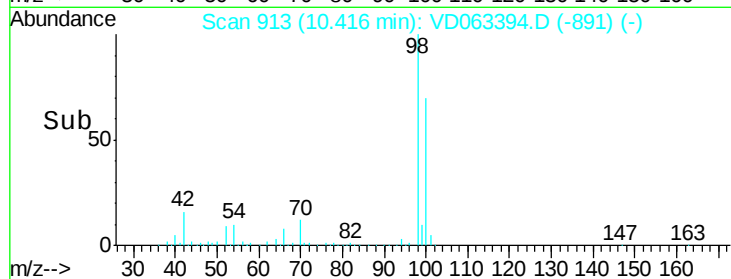
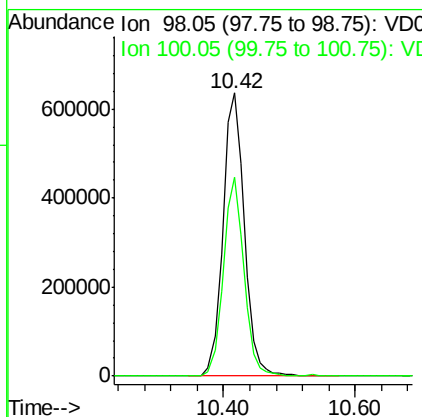
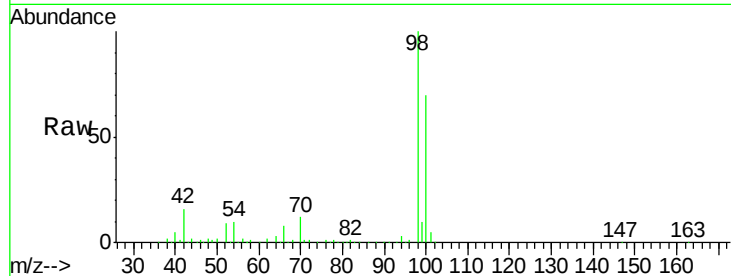




#50
Toluene-d8
Concen: 47.222 ug/l
RT: 10.42 min Scan# 913
Delta R.T. 0.01 min
Lab File: VD063394.D
Acq: 6 Aug 2019 12:54

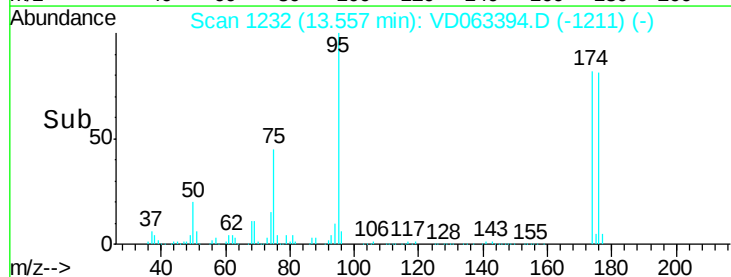
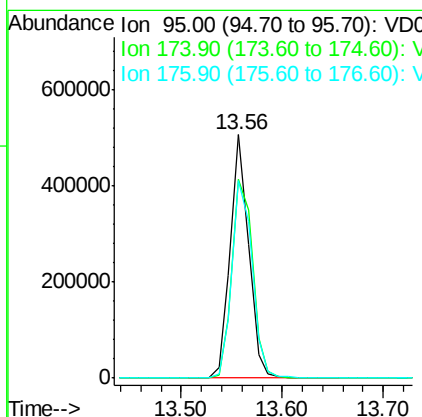
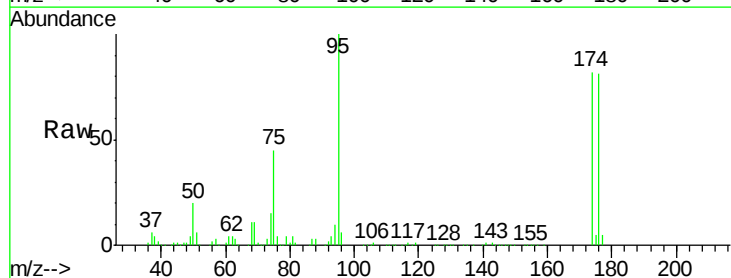
Instrument :
MSVOA_D
ClientSampleId :
VD0806SBL01

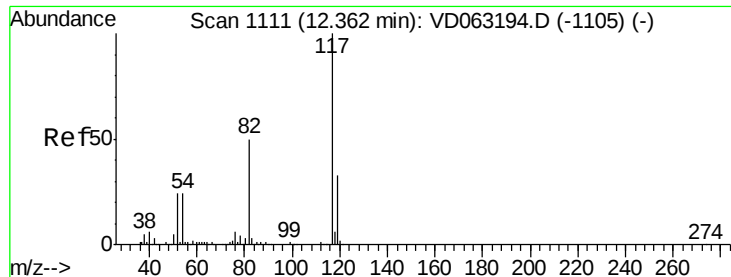
Tot Ion: 98 Resp: 1440925
Ion Ratio Lower Upper
98 100
100 70.1 53.2 79.8



#62
4-Bromofluorobenzene
Concen: 46.173 ug/l
RT: 13.56 min Scan# 1232
Delta R.T. 0.00 min
Lab File: VD063394.D
Acq: 6 Aug 2019 12:54

Tgt Ion: 95 Resp: 642047
Ion Ratio Lower Upper
95 100
174 81.9 0.0 205.4
176 81.2 0.0 211.8

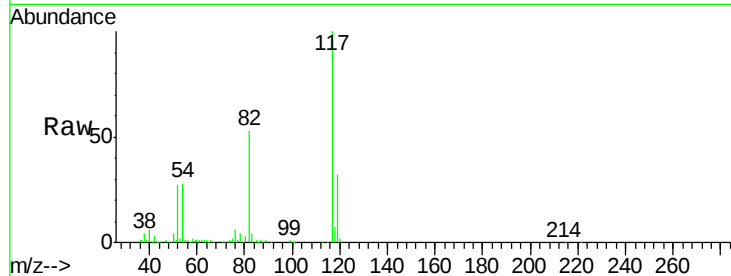




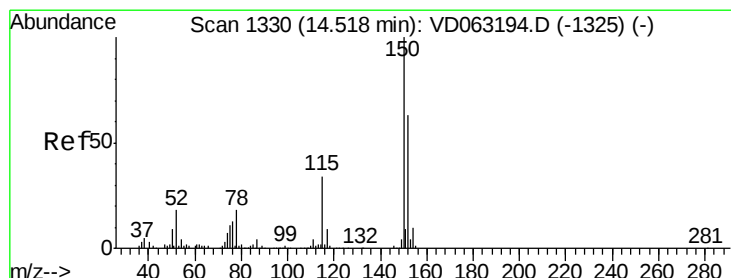
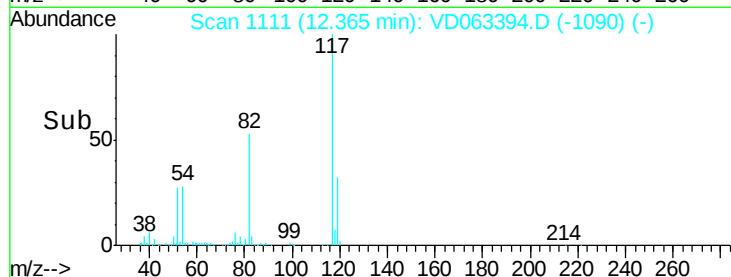
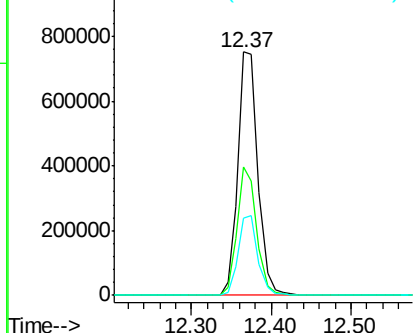
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.37 min Scan# 1111
Delta R.T. 0.00 min
Lab File: VD063394.D
Acq: 6 Aug 2019 12:54

Instrument :
MSVOA_D
ClientSampleId :
VD0806SBL01

Tot Ion:117 Resp: 1324816
Ion Ratio Lower Upper
117 100
82 53.0 40.1 60.1
119 31.6 26.5 39.7

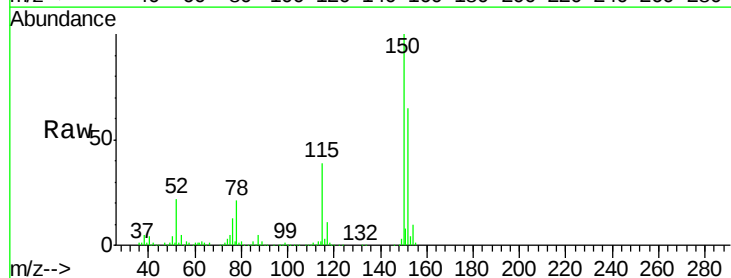


Abundance Ion 116.95 (116.65 to 117.65): V
Ion 82.05 (81.75 to 82.75): V
Ion 118.95 (118.65 to 119.65): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.52 min Scan# 1330
Delta R.T. 0.00 min
Lab File: VD063394.D
Acq: 6 Aug 2019 12:54

Tgt Ion:152 Resp: 727556
Ion Ratio Lower Upper
152 100
115 59.4 27.5 82.4
150 153.2 0.0 320.6



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

