

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD080819\
 Data File : VD063453.D
 Acq On : 8 Aug 2019 23:18
 Operator : JC/SY
 Sample : VD0808SBL02
 Misc : 5.00µl/5ml/MSVOA D/SOIL
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0808SBL02

Quant Time: Aug 09 08:00:02 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	7.06	168	860055	50.00	ug/l	0.02
34) 1,4-Difluorobenzene	8.23	114	1249513	50.00	ug/l	0.02
63) Chlorobenzene-d5	12.37	117	1104194	50.00	ug/l	0.01
72) 1,4-Dichlorobenzene-d4	14.53	152	551778	50.00	ug/l	0.01

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.46	65	526028	55.12	ug/l	0.02
Spiked Amount	50.000		Recovery	=	110.24%	
35) Dibromofluoromethane	6.94	113	601639	56.40	ug/l	0.03
Spiked Amount	50.000		Recovery	=	112.80%	
50) Toluene-d8	10.42	98	1302770	54.57	ug/l	0.02
Spiked Amount	50.000		Recovery	=	109.14%	
62) 4-Bromofluorobenzene	13.56	95	537193	49.37	ug/l	0.01
Spiked Amount	50.000		Recovery	=	98.74%	

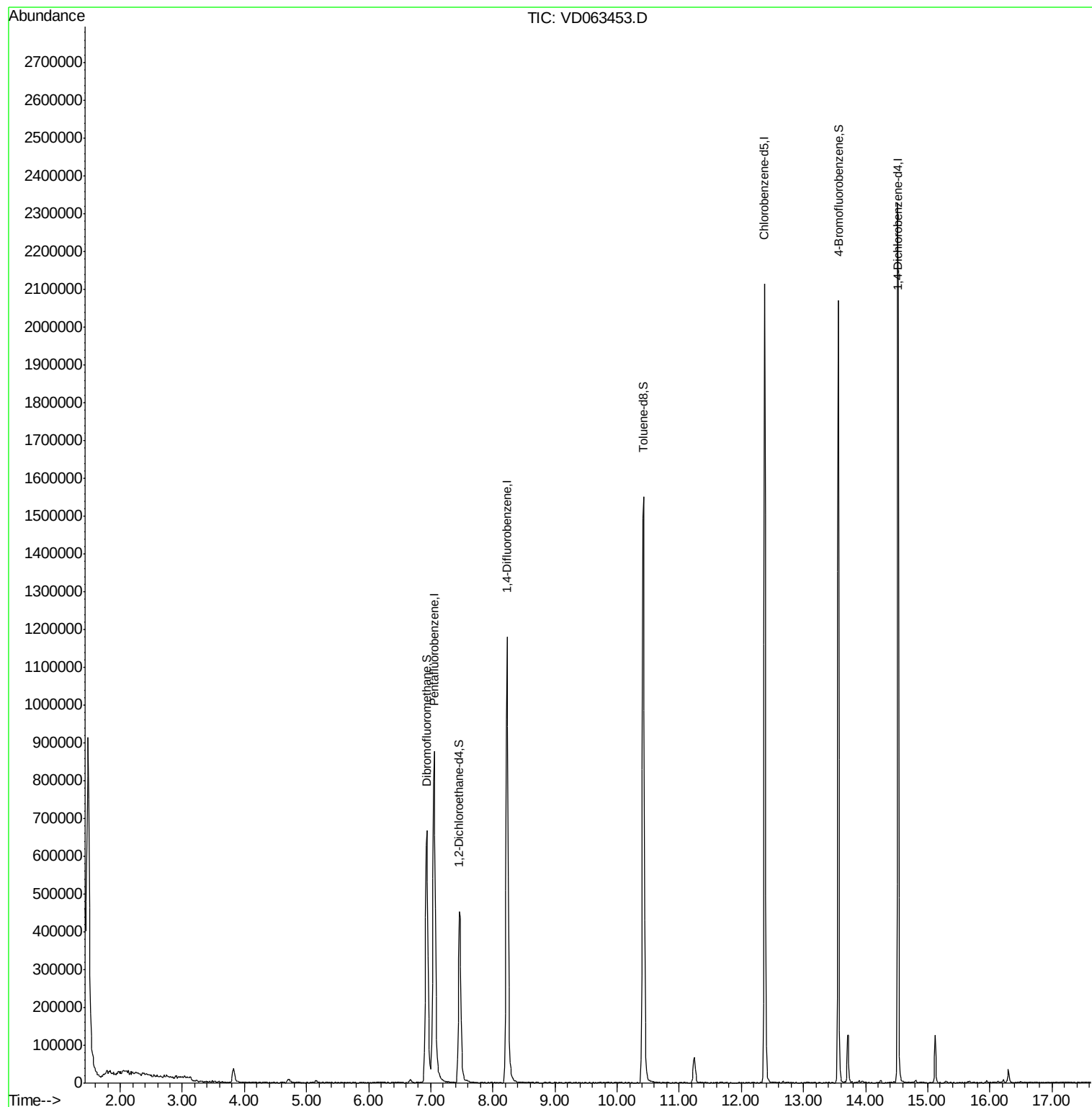
Target Compounds	Qvalue

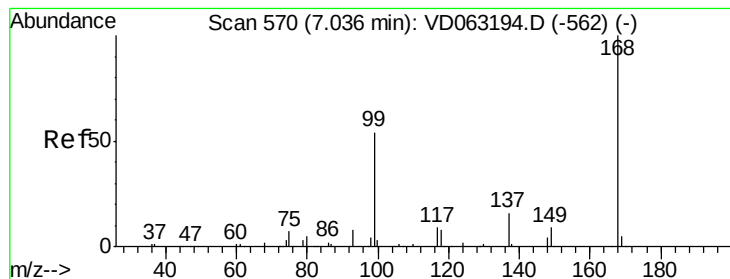
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.06 min Scan# 572

Delta R.T. 0.02 min

Lab File: VD063453.D

Acq: 8 Aug 2019 23:18

Instrument :

MSVOA_D

ClientSampleId :

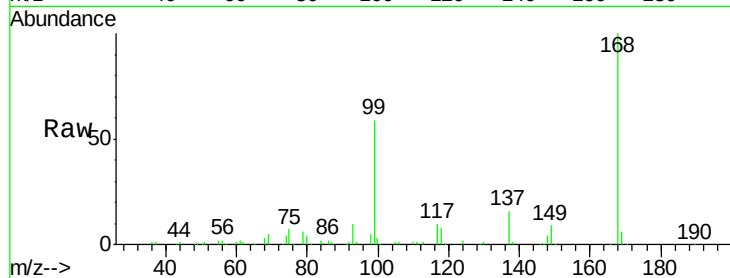
VD0808SBL02

Tot Ion:168 Resp: 860055

Ion Ratio Lower Upper

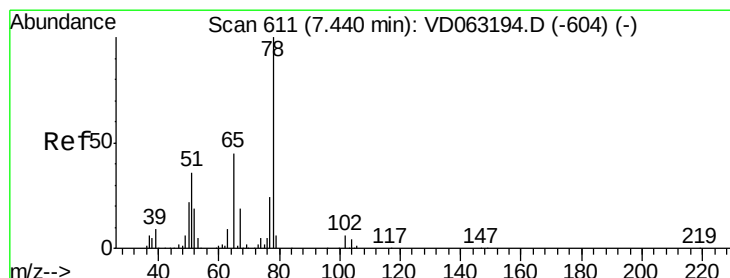
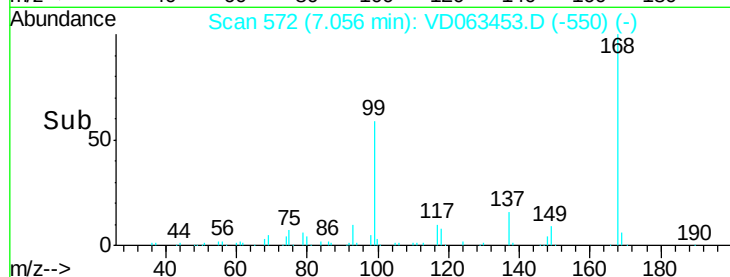
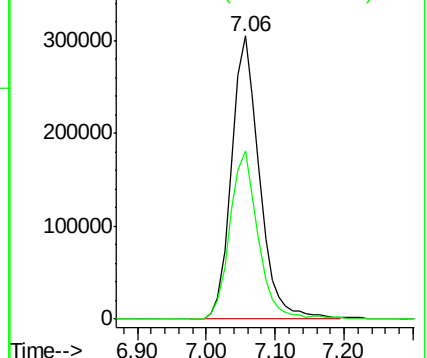
168 100

99 59.4 43.7 65.5



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: 55.121 ug/l

RT: 7.46 min Scan# 613

Delta R.T. 0.02 min

Lab File: VD063453.D

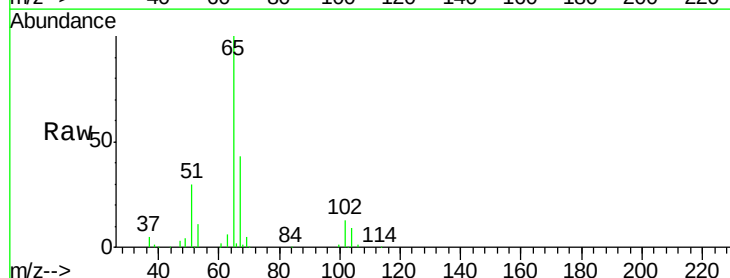
Acq: 8 Aug 2019 23:18

Tgt Ion: 65 Resp: 526028

Ion Ratio Lower Upper

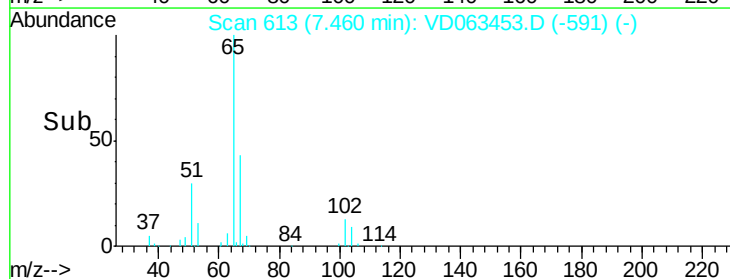
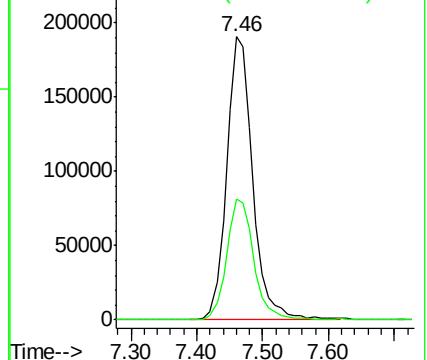
65 100

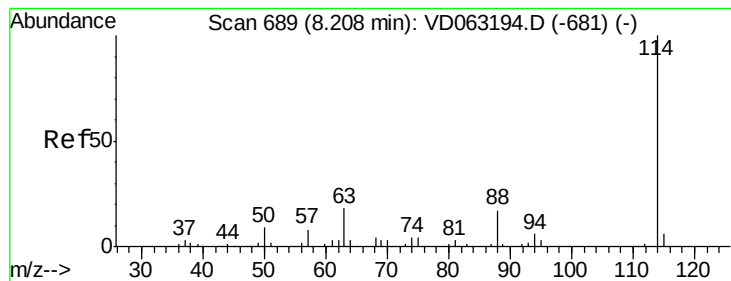
67 42.9 0.0 85.8



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. 0.02 min

Lab File: VD063453.D

Acq: 8 Aug 2019 23:18

Instrument :

MSVOA_D

ClientSampleId :

VD0808SBL02

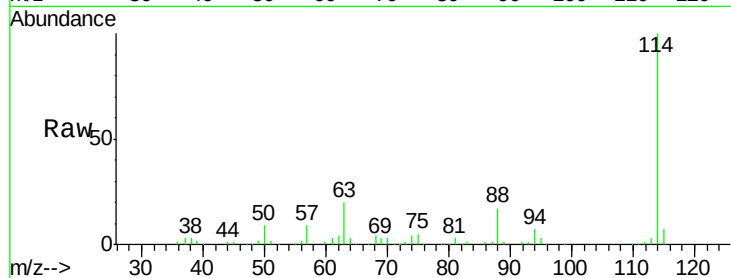
Tot Ion:114 Resp: 1249513

Ion Ratio Lower Upper

114 100

63 19.6 0.0 35.2

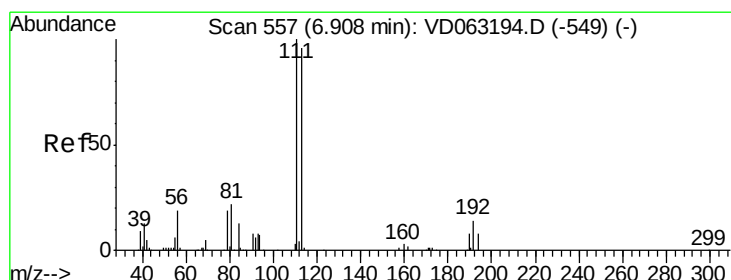
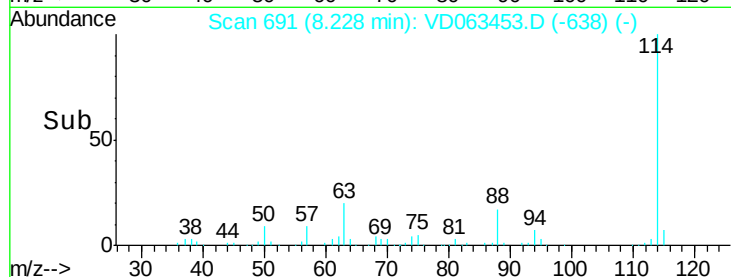
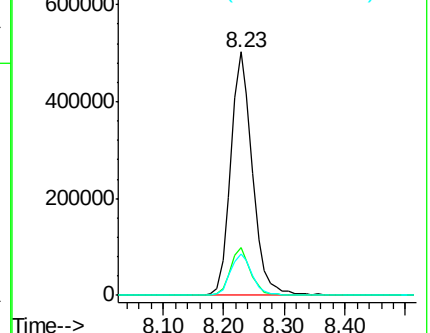
88 17.3 0.0 34.6



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: 56.396 ug/l

RT: 6.94 min Scan# 560

Delta R.T. 0.03 min

Lab File: VD063453.D

Acq: 8 Aug 2019 23:18

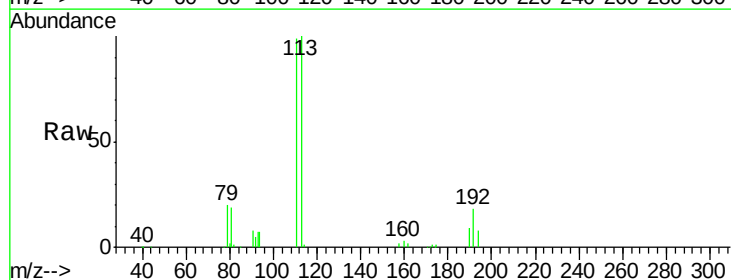
Tgt Ion:113 Resp: 601639

Ion Ratio Lower Upper

113 100

111 99.4 83.2 124.8

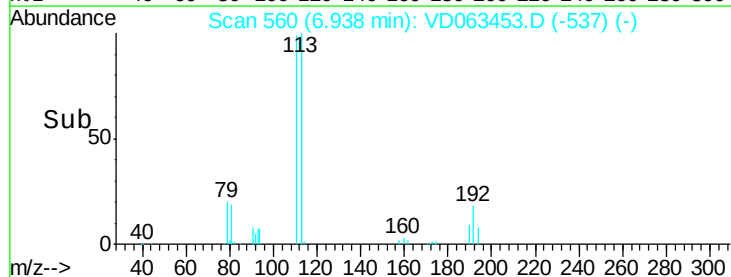
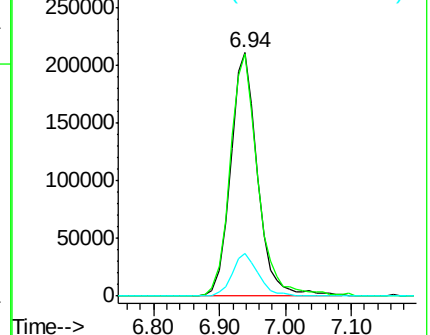
192 17.7 11.8 17.8

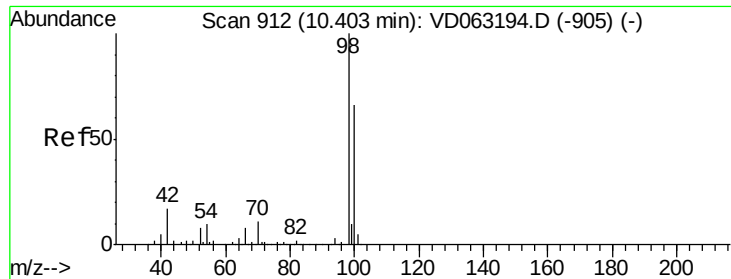


Abundance Ion 112.90 (112.60 to 113.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 191.80 (191.50 to 192.50): V

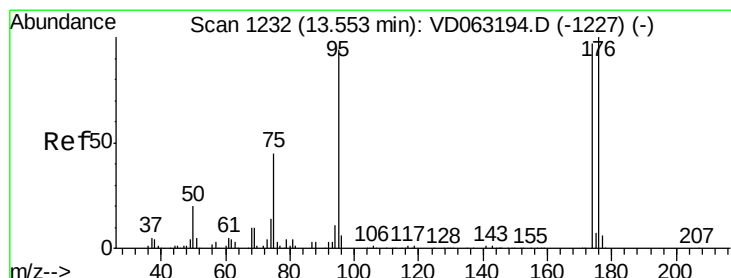
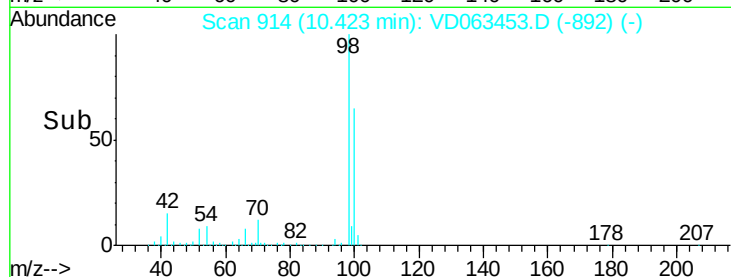
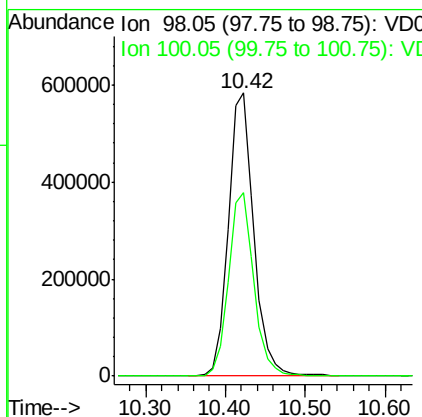
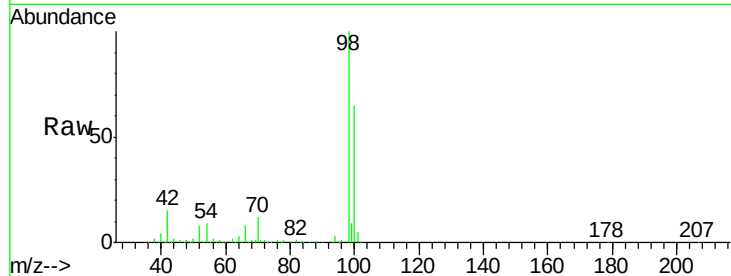




#50
Toluene-d8
Concen: 54.566 ug/l
RT: 10.42 min Scan# 914
Delta R.T. 0.02 min
Lab File: VD063453.D
Acq: 8 Aug 2019 23:18

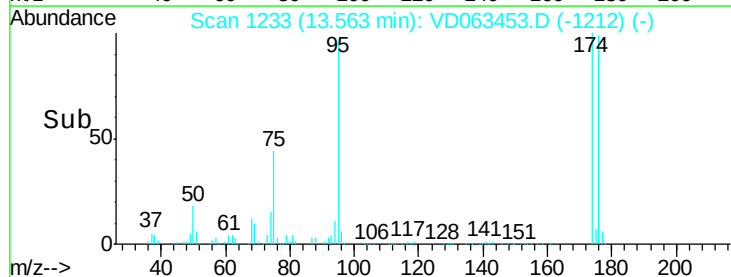
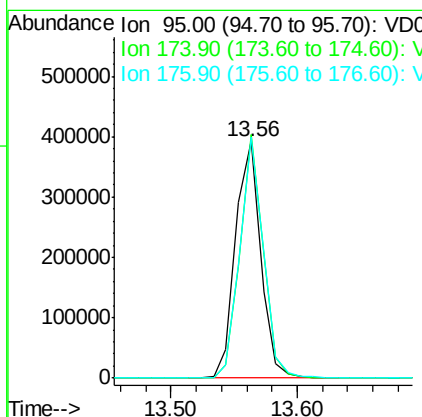
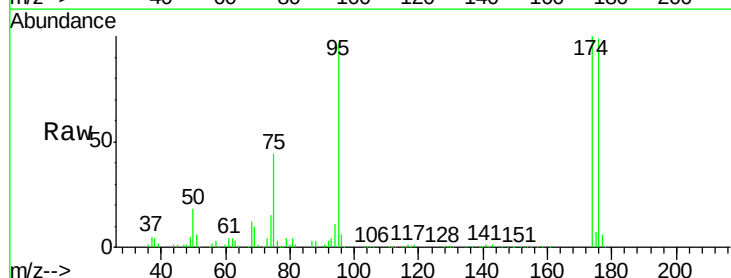
Instrument :
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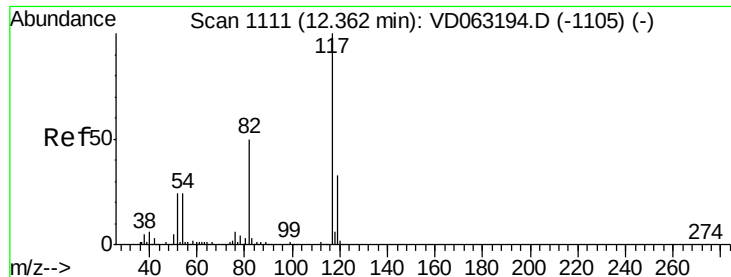
Tot Ion: 98 Resp: 1302770
Ion Ratio Lower Upper
98 100
100 64.9 53.2 79.8



#62
4-Bromofluorobenzene
Concen: 49.375 ug/l
RT: 13.56 min Scan# 1233
Delta R.T. 0.01 min
Lab File: VD063453.D
Acq: 8 Aug 2019 23:18

Tgt Ion: 95 Resp: 537193
Ion Ratio Lower Upper
95 100
174 102.9 0.0 205.4
176 101.9 0.0 211.8

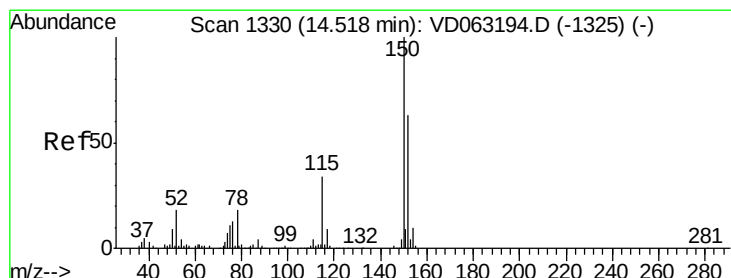
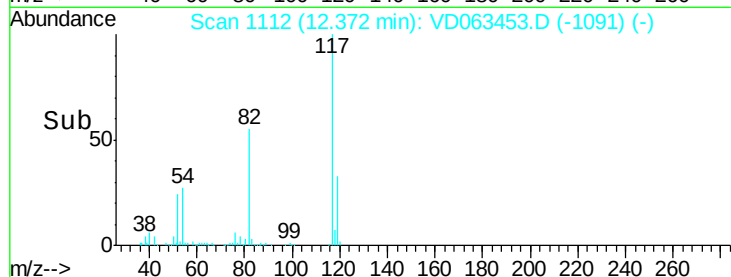
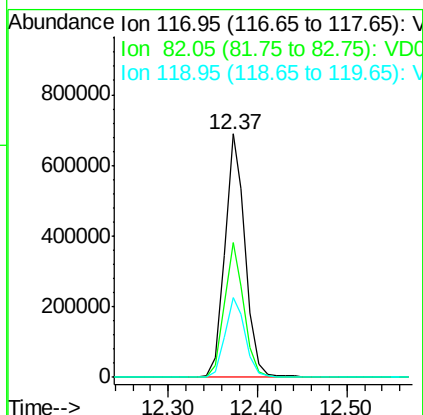
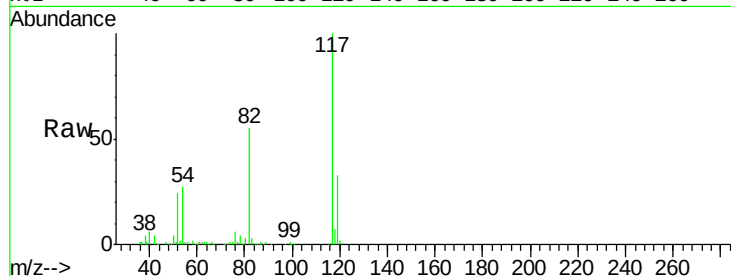




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.37 min Scan# 1112
Delta R.T. 0.01 min
Lab File: VD063453.D
Acq: 8 Aug 2019 23:18

Instrument :
MSVOA_D
ClientSampleId :
VD0808SBL02

Tot Ion:117 Resp: 1104194
Ion Ratio Lower Upper
117 100
82 55.4 40.1 60.1
119 32.6 26.5 39.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.53 min Scan# 1331
Delta R.T. 0.01 min
Lab File: VD063453.D
Acq: 8 Aug 2019 23:18

Tgt Ion:152 Resp: 551778
Ion Ratio Lower Upper
152 100
115 51.2 27.5 82.4
150 155.8 0.0 320.6

