

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD082019\
 Data File : VD063699.D
 Acq On : 20 Aug 2019 23:14
 Operator : JC/SY
 Sample : VD0820SBL02
 Misc : 5.00µl/5ml/MSVOA D/SOIL
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0820SBL02

Quant Time: Aug 21 04:58:54 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	896045	50.00	ug/l	-0.04
34) 1,4-Difluorobenzene	8.21	114	1228927	50.00	ug/l	-0.03
63) Chlorobenzene-d5	12.36	117	1058190	50.00	ug/l	-0.02
72) 1,4-Dichlorobenzene-d4	14.52	152	543646	50.00	ug/l	-0.01

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.44	65	516112	53.88	ug/l	-0.03
Spiked Amount	50.000		Recovery	=	107.76%	
35) Dibromofluoromethane	6.91	113	574600	55.52	ug/l	-0.03
Spiked Amount	50.000		Recovery	=	111.04%	
50) Toluene-d8	10.40	98	1223312	53.76	ug/l	-0.02
Spiked Amount	50.000		Recovery	=	107.52%	
62) 4-Bromofluorobenzene	13.55	95	531066	51.49	ug/l	-0.01
Spiked Amount	50.000		Recovery	=	102.98%	

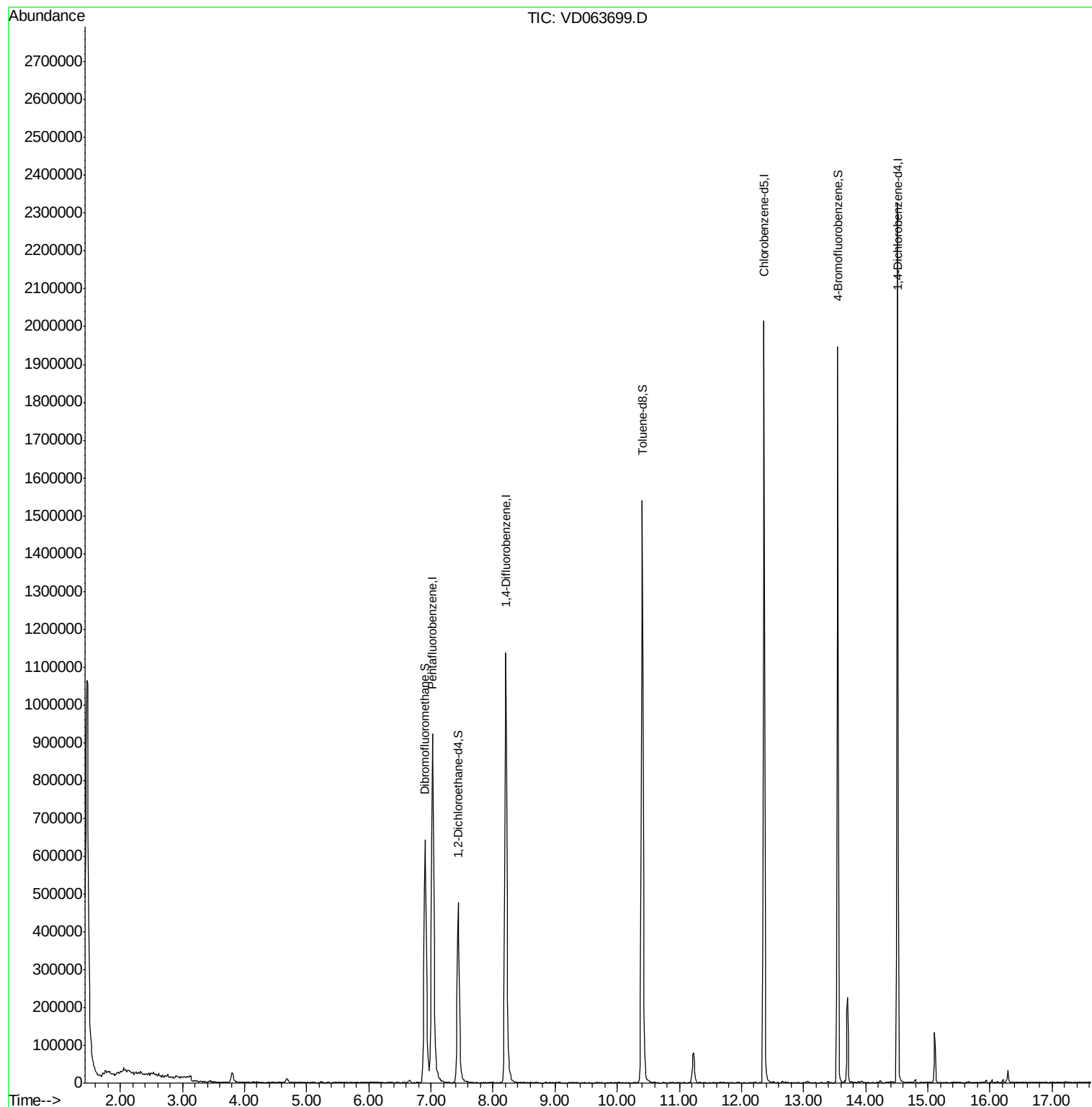
Target Compounds	Qvalue

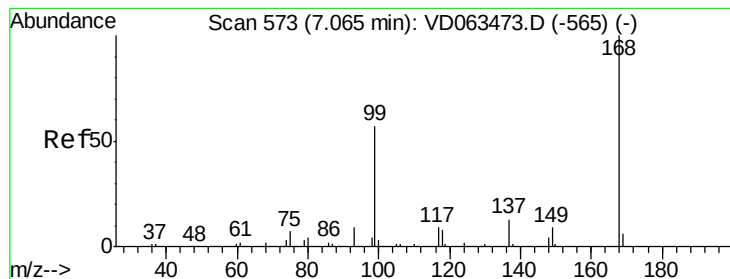
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.03 min Scan# 569

Delta R.T. -0.04 min

Lab File: VD063699.D

Acq: 20 Aug 2019 23:14

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MSVOA_D

ClientSampleId :

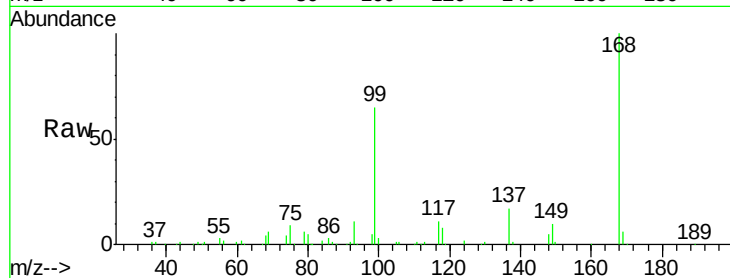
VD0820SBL02

Tot Ion:168 Resp: 896045

Ion Ratio Lower Upper

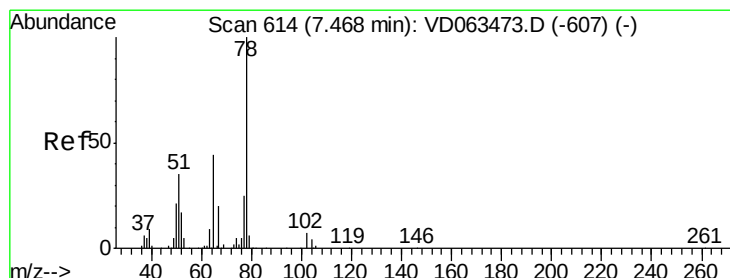
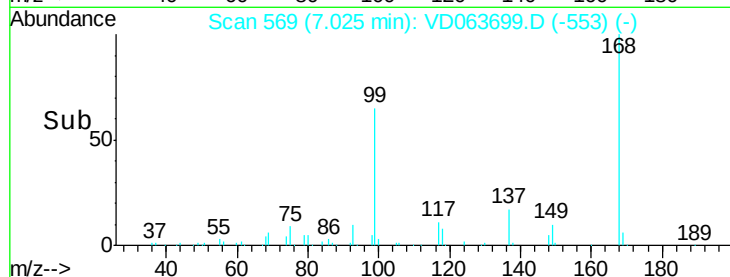
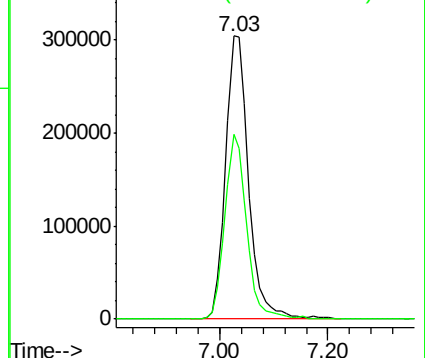
168 100

99 65.3 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: 53.885 ug/l

RT: 7.44 min Scan# 611

Delta R.T. -0.03 min

Lab File: VD063699.D

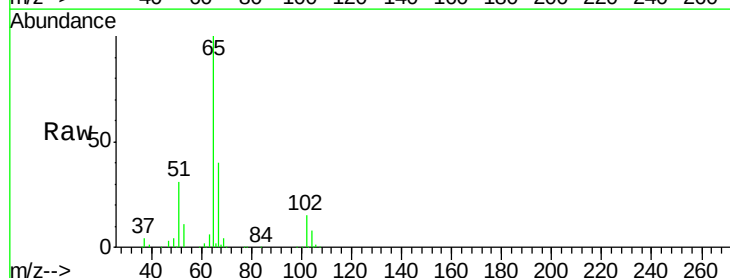
Acq: 20 Aug 2019 23:14

Tgt Ion: 65 Resp: 516112

Ion Ratio Lower Upper

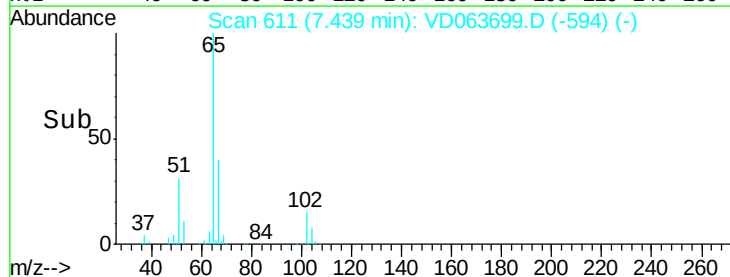
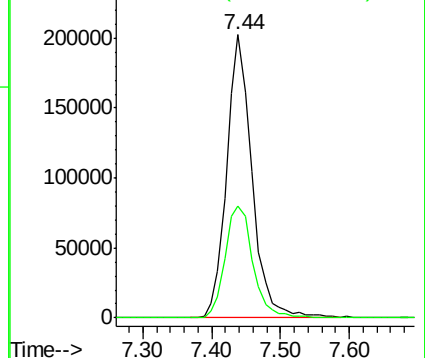
65 100

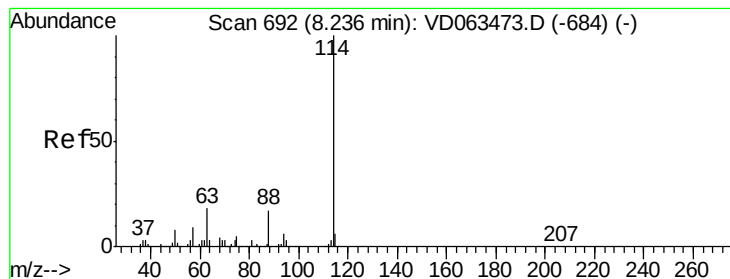
67 39.5 0.0 89.2



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: 8.21 min Scan# 689

Delta R.T. -0.03 min

Lab File: VD063699.D

Acq: 20 Aug 2019 23:14

Instrument :

MSVOA_D

ClientSampleId :

VD0820SBL02

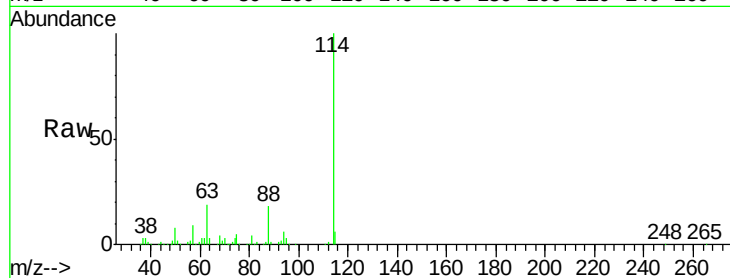
Tot Ion:114 Resp: 1228927

Ion Ratio Lower Upper

114 100

63 18.8 0.0 36.2

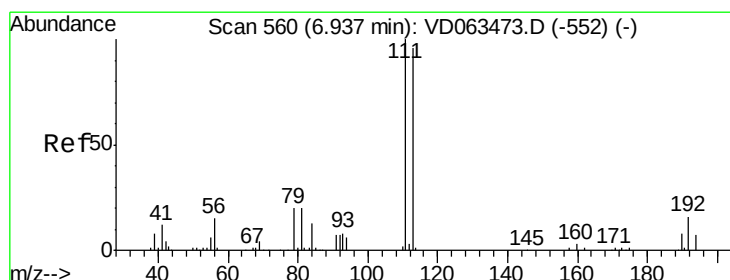
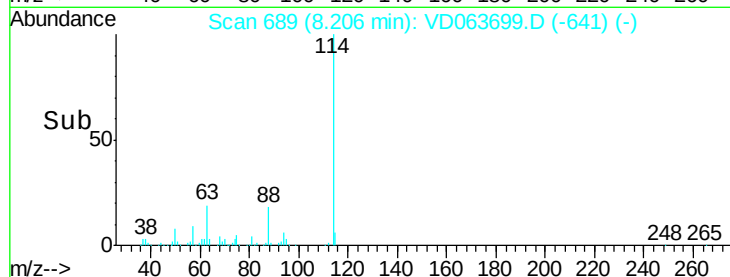
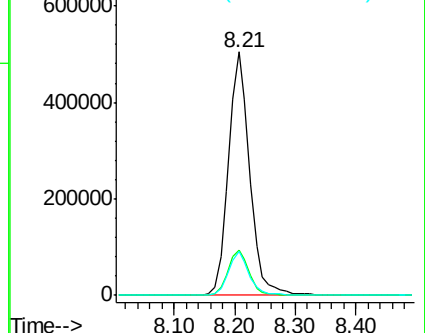
88 17.8 0.0 35.0



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: 55.516 ug/l

RT: 6.91 min Scan# 557

Delta R.T. -0.03 min

Lab File: VD063699.D

Acq: 20 Aug 2019 23:14

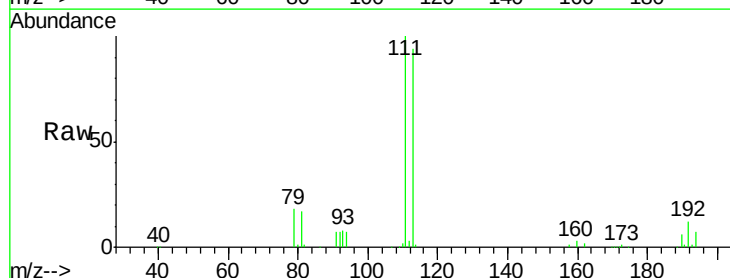
Tgt Ion:113 Resp: 574600

Ion Ratio Lower Upper

113 100

111 106.4 83.1 124.7

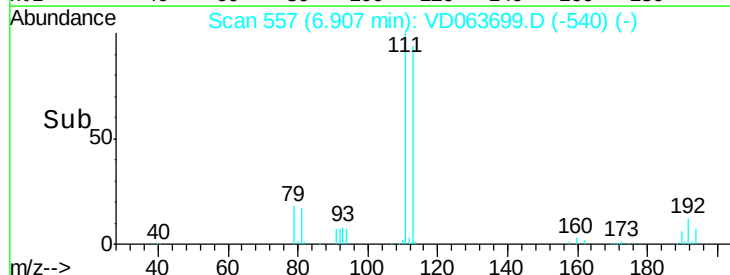
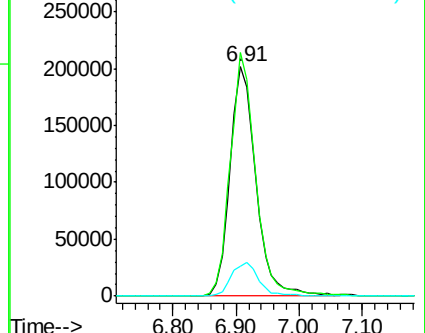
192 13.3 13.1 19.7

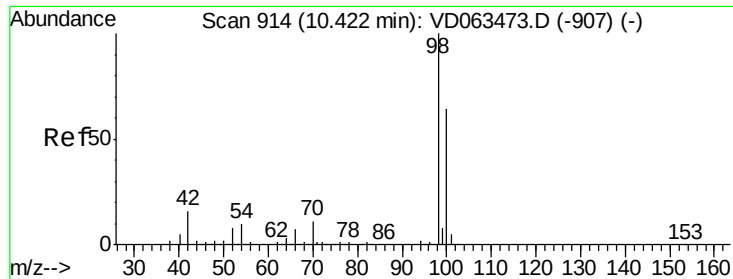


Abundance Ion 112.90 (112.60 to 113.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 191.80 (191.50 to 192.50): V

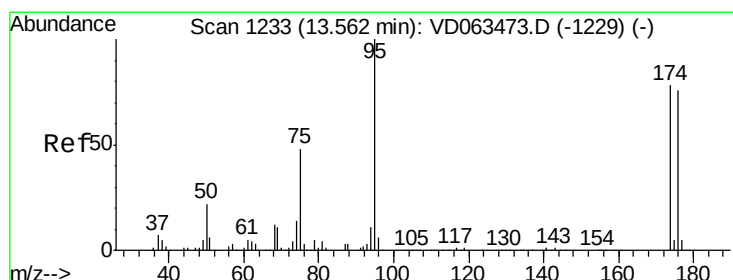
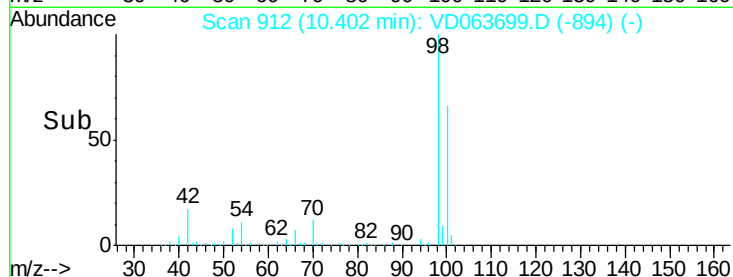
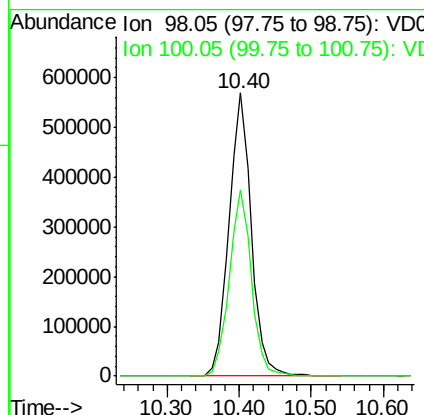
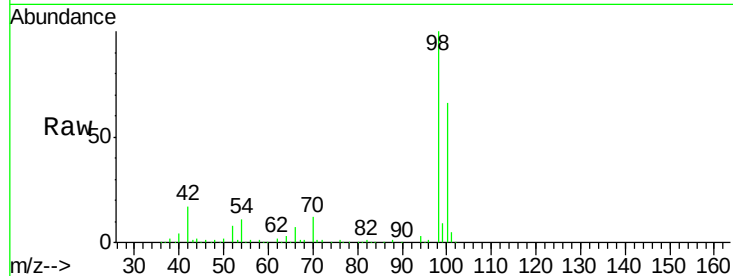




#50
Toluene-d8
Concen: 53.760 ug/l
RT: 10.40 min Scan# 912
Delta R.T. -0.02 min
Lab File: VD063699.D
Acq: 20 Aug 2019 23:14

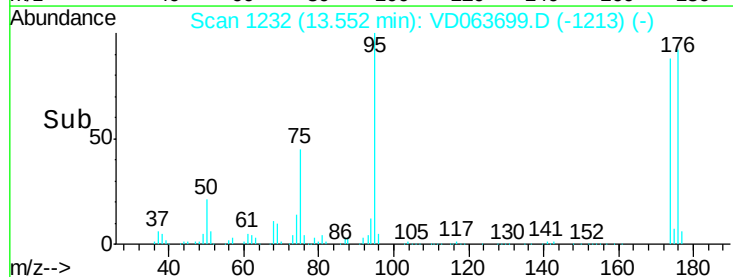
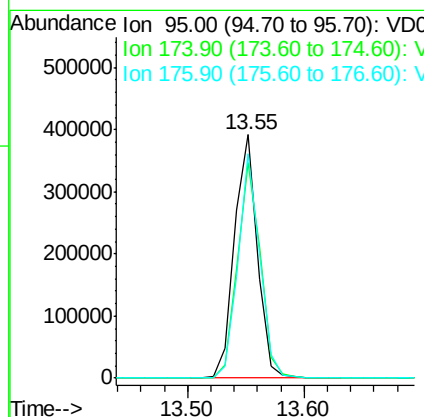
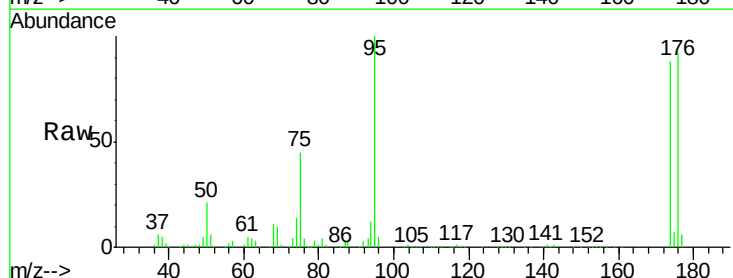
Instrument :
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VD0820SBL02

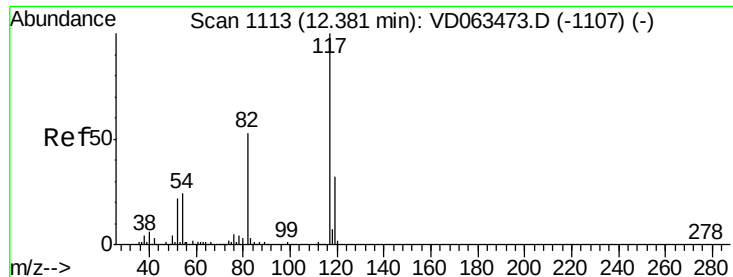
Tot Ion: 98 Resp: 1223312
Ion Ratio Lower Upper
98 100
100 65.8 51.7 77.5



#62
4-Bromofluorobenzene
Concen: 51.492 ug/l
RT: 13.55 min Scan# 1232
Delta R.T. -0.01 min
Lab File: VD063699.D
Acq: 20 Aug 2019 23:14

Tgt Ion: 95 Resp: 531066
Ion Ratio Lower Upper
95 100
174 88.4 0.0 155.4
176 92.2 0.0 152.4

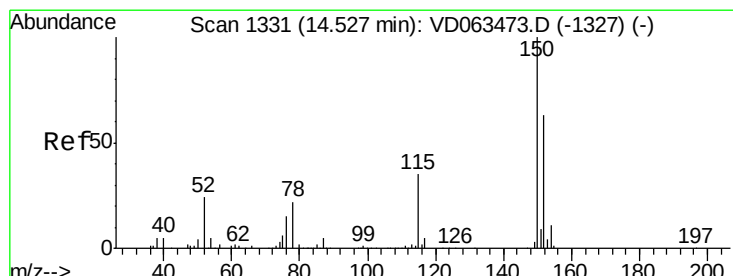
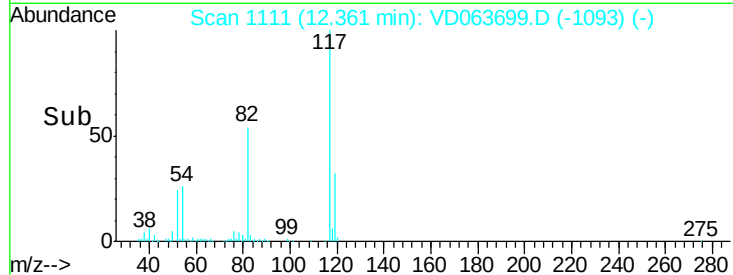
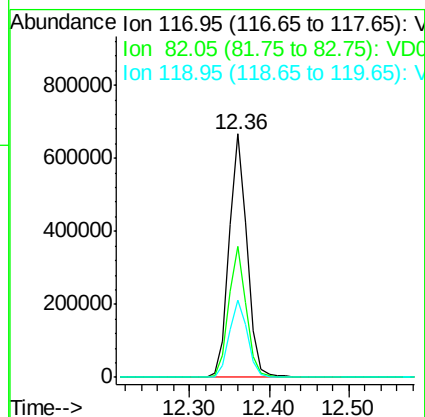
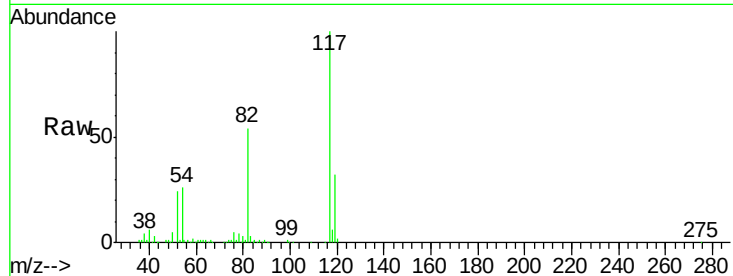




#63
 Chlorobenzene-d5
 Concen: 50.000 ug/l
 RT: 12.36 min Scan# 1111
 Delta R.T. -0.02 min
 Lab File: VD063699.D
 Acq: 20 Aug 2019 23:14

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0820SBL02

Tot Ion:117 Resp: 1058190
 Ion Ratio Lower Upper
 117 100
 82 53.9 42.0 63.0
 119 31.7 25.4 38.0



#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 14.52 min Scan# 1330
 Delta R.T. -0.01 min
 Lab File: VD063699.D
 Acq: 20 Aug 2019 23:14

Tgt Ion:152 Resp: 543646
 Ion Ratio Lower Upper
 152 100
 115 52.3 30.9 92.7
 150 154.9 0.0 318.6

