

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD082319\
 Data File : VD063755.D
 Acq On : 23 Aug 2019 10:02
 Operator : JC/SY
 Sample : VD0823SBL01
 Misc : 5.00g/5ml/MSVOA_D/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0823SBL01

Quant Time: Aug 26 01:16:03 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	7.04	168	977648	50.00	ug/l	-0.03
34) 1,4-Difluorobenzene	8.22	114	1432358	50.00	ug/l	-0.02
63) Chlorobenzene-d5	12.36	117	1140665	50.00	ug/l	-0.02
72) 1,4-Dichlorobenzene-d4	14.52	152	570995	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.45	65	611402	58.51	ug/l	-0.02
Spiked Amount	50.000		Recovery	=	117.02%	
35) Dibromofluoromethane	6.92	113	668408	55.41	ug/l	-0.02
Spiked Amount	50.000		Recovery	=	110.82%	
50) Toluene-d8	10.40	98	1483908	55.95	ug/l	-0.02
Spiked Amount	50.000		Recovery	=	111.90%	
62) 4-Bromofluorobenzene	13.55	95	623010	51.83	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.66%	

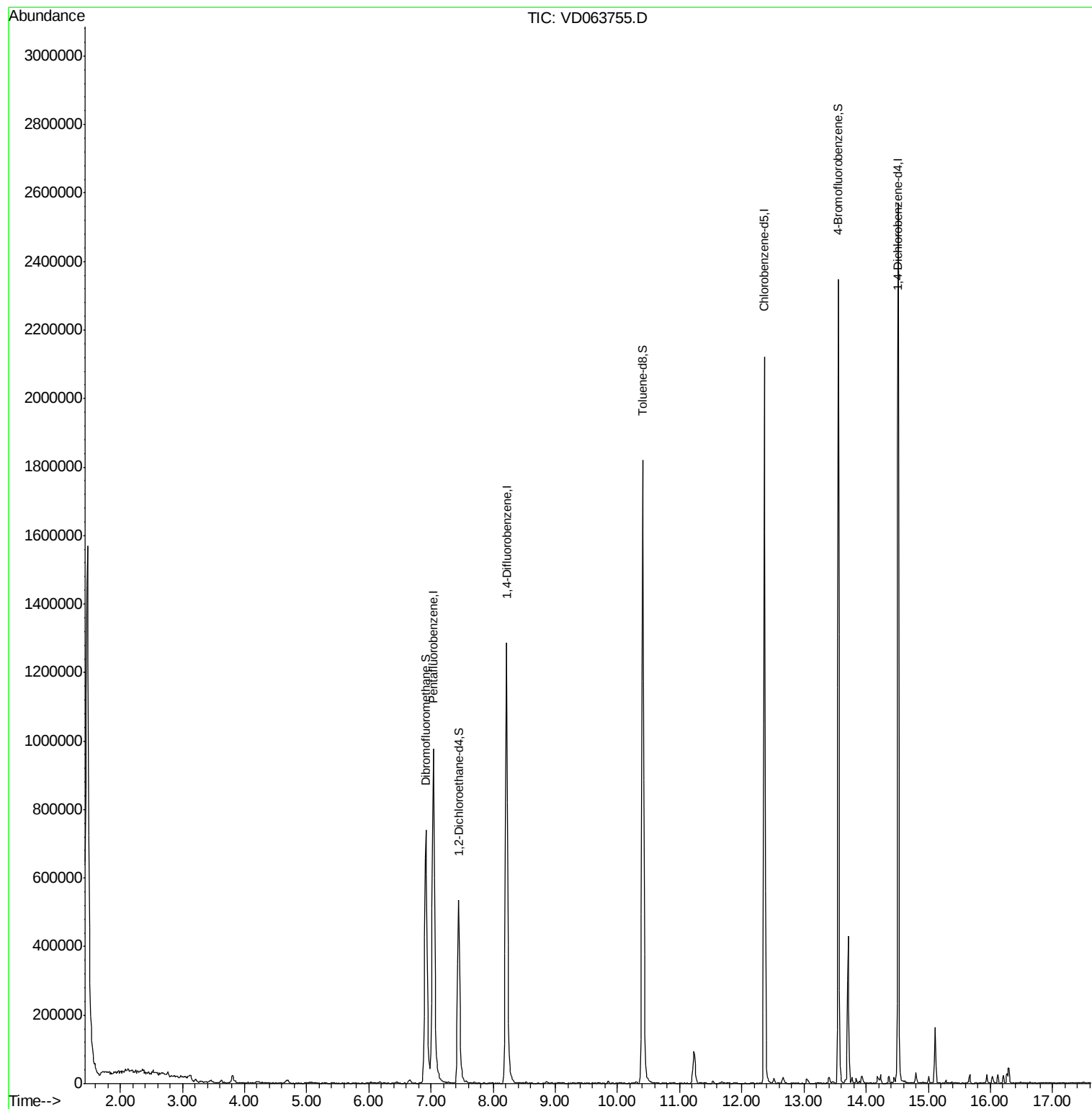
Target Compounds	Qvalue
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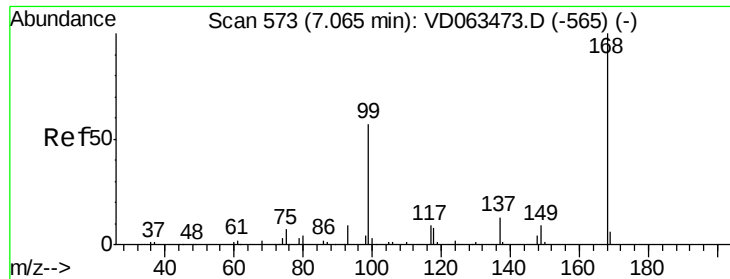
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.04 min Scan# 570

Delta R.T. -0.03 min

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Acq: 23 Aug 2019 10:02

Instrument :

MSVOA_D

ClientSampleId :

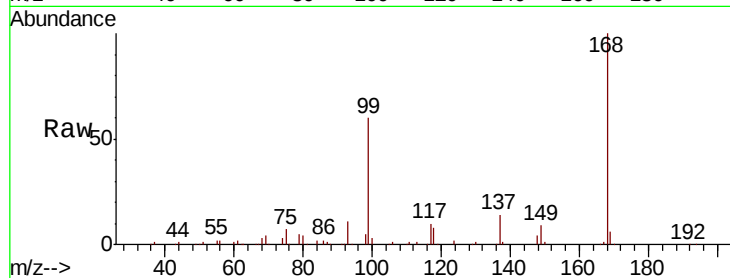
VD0823SBL01

Tgt Ion:168 Resp: 977648

Ion Ratio Lower Upper

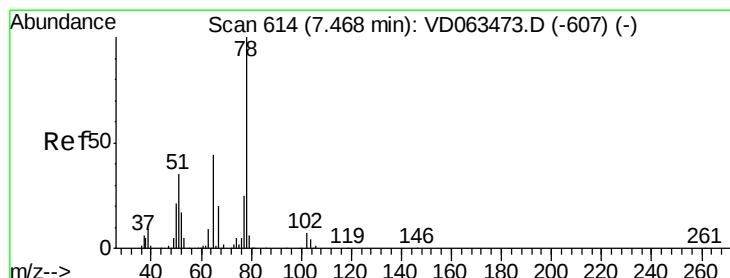
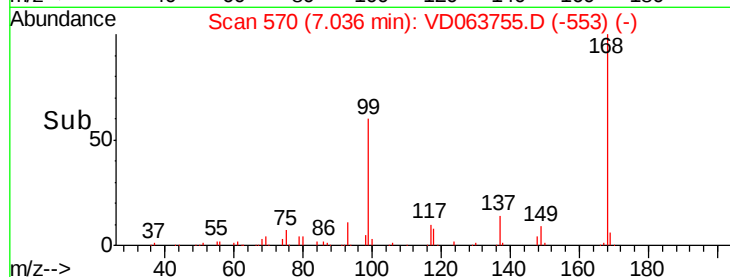
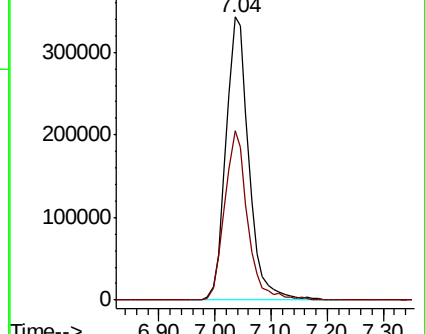
168 100

99 60.0 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: 58.506 ug/l

RT: 7.45 min Scan# 612

Delta R.T. -0.02 min

Lab File: VD063755.D

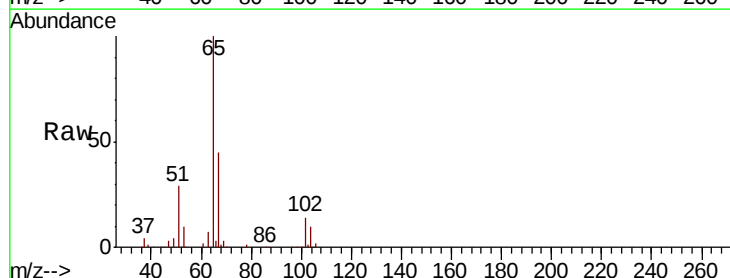
Acq: 23 Aug 2019 10:02

Tgt Ion: 65 Resp: 611402

Ion Ratio Lower Upper

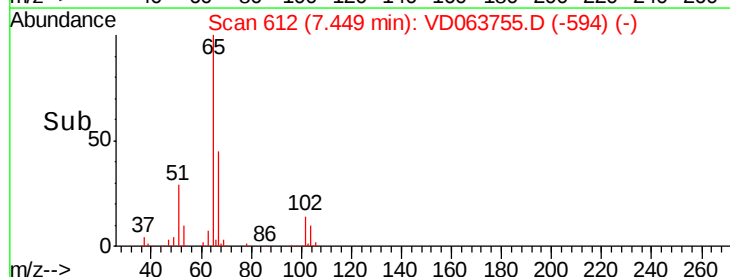
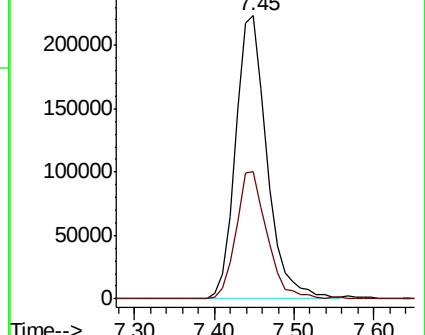
65 100

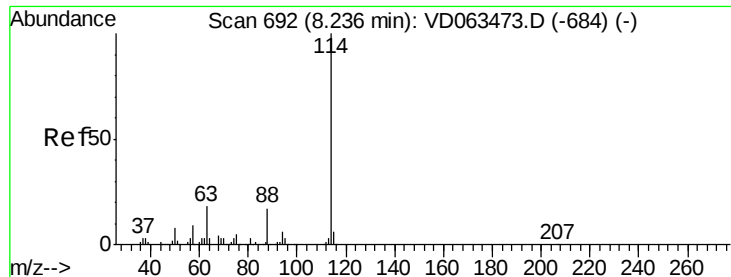
67 45.1 0.0 89.2



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: 8.22 min Scan# 690

Delta R.T. -0.02 min

Lab File: VD063755.D

Acq: 23 Aug 2019 10:02

Instrument :

MSVOA_D

ClientSampleId :

VD0823SBL01

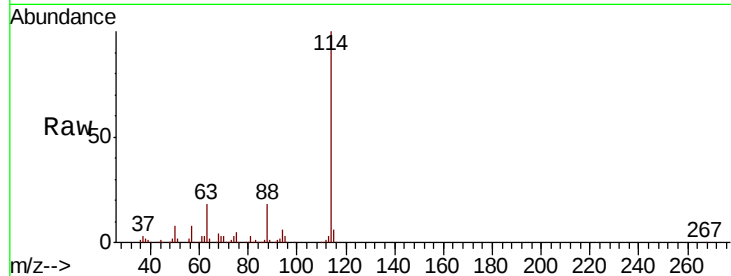
Tgt Ion:114 Resp: 1432358

Ion Ratio Lower Upper

114 100

63 17.7 0.0 36.2

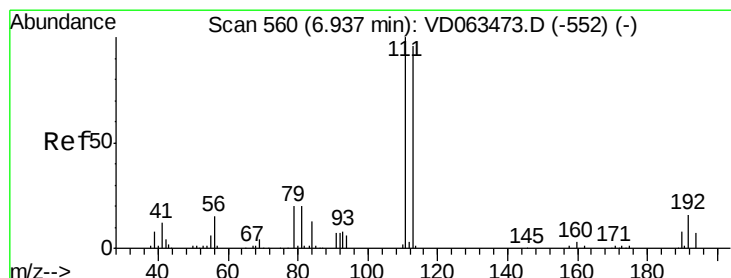
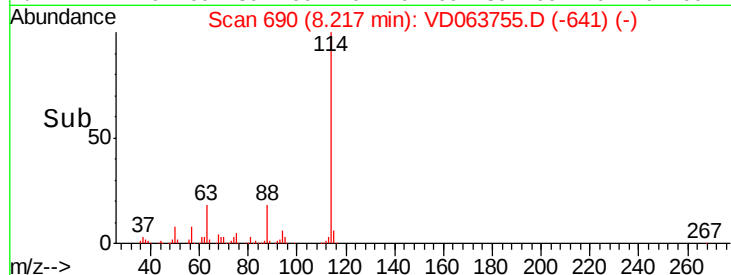
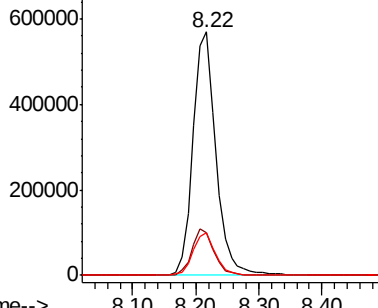
88 17.6 0.0 35.0



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: 55.408 ug/l

RT: 6.92 min Scan# 558

Delta R.T. -0.02 min

Lab File: VD063755.D

Acq: 23 Aug 2019 10:02

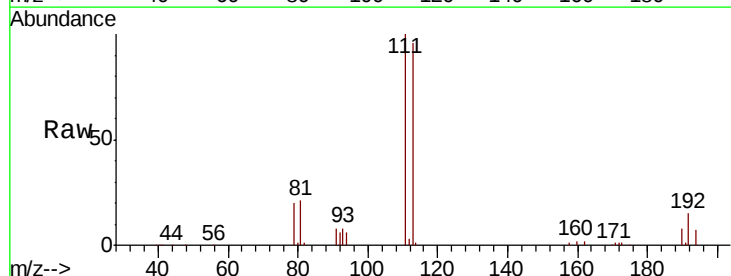
Tgt Ion:113 Resp: 668408

Ion Ratio Lower Upper

113 100

111 104.5 83.1 124.7

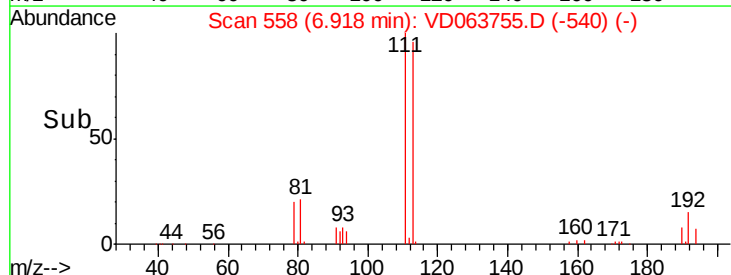
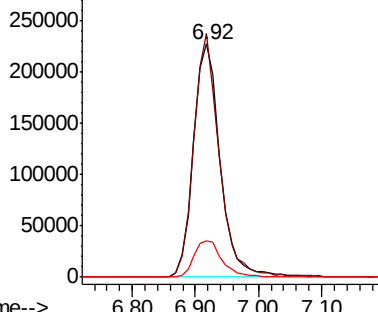
192 15.8 13.1 19.7

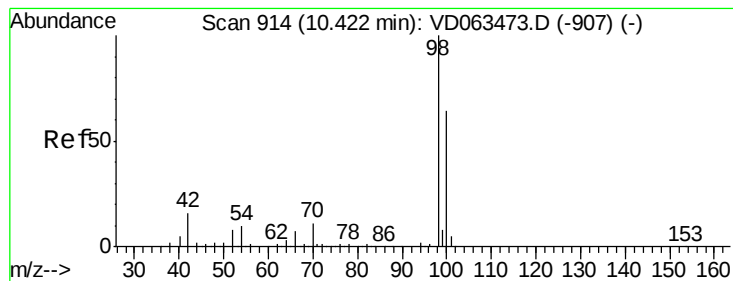


Abundance Ion 112.90 (112.60 to 113.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 191.80 (191.50 to 192.50): V





#50

Toluene-d8

Concen: 55.950 ug/l

RT: 10.40 min Scan# 912

Delta R.T. -0.02 min

Lab File: VD063755.D

Acq: 23 Aug 2019 10:02

Instrument :

MSVOA_D

ClientSampleId :

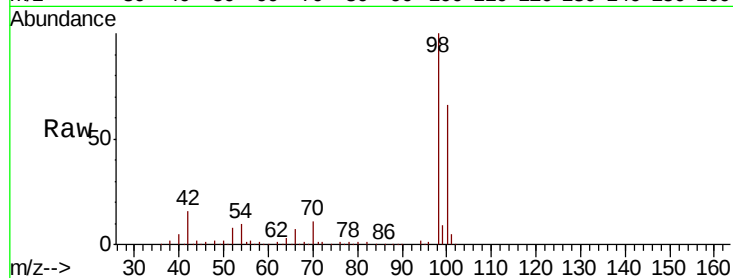
VD0823SBL01

Tgt Ion: 98 Resp: 1483908

Ion Ratio Lower Upper

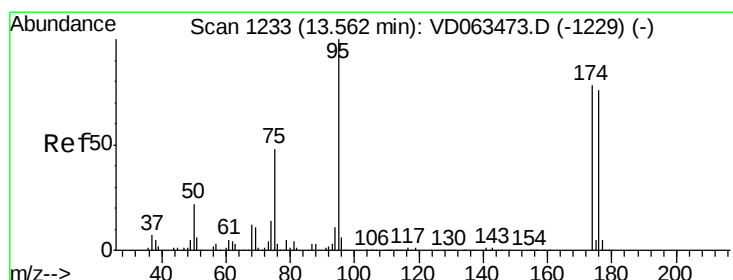
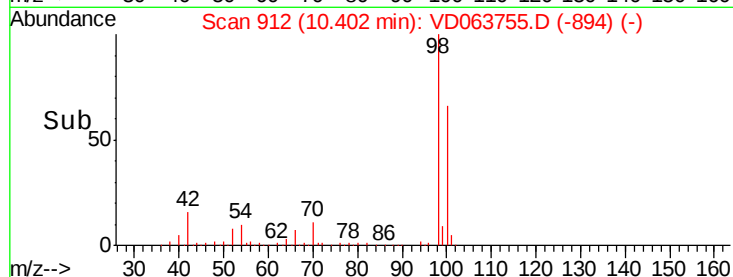
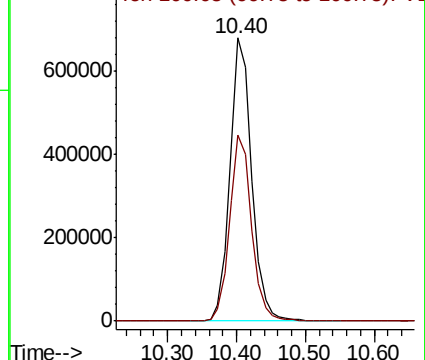
98 100

100 65.9 51.7 77.5



Abundance Ion 98.05 (97.75 to 98.75): VDC

Ion 100.05 (99.75 to 100.75): VDC



#62

4-Bromofluorobenzene

Concen: 51.827 ug/l

RT: 13.55 min Scan# 1232

Delta R.T. -0.01 min

Lab File: VD063755.D

Acq: 23 Aug 2019 10:02

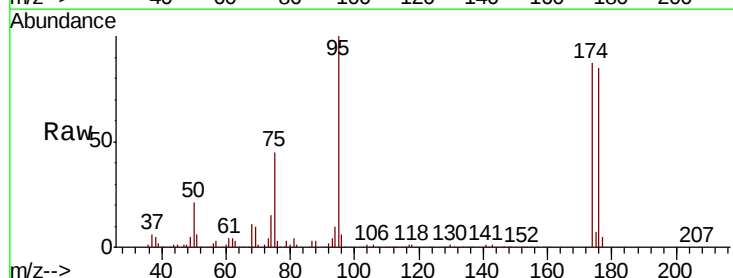
Tgt Ion: 95 Resp: 623010

Ion Ratio Lower Upper

95 100

174 86.7 0.0 155.4

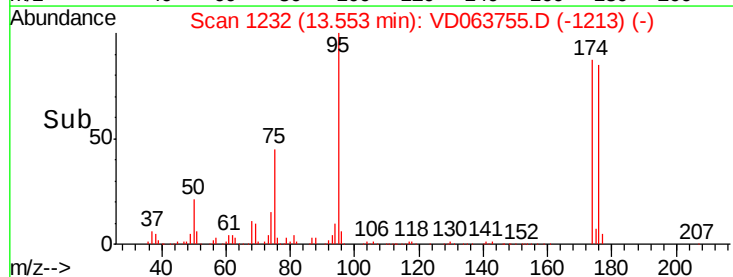
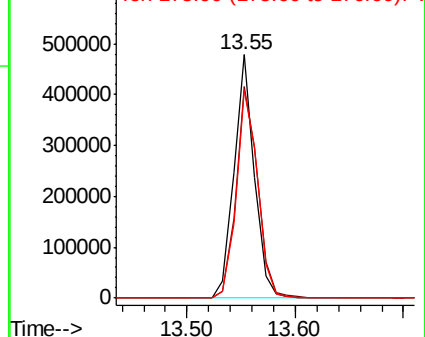
176 85.3 0.0 152.4

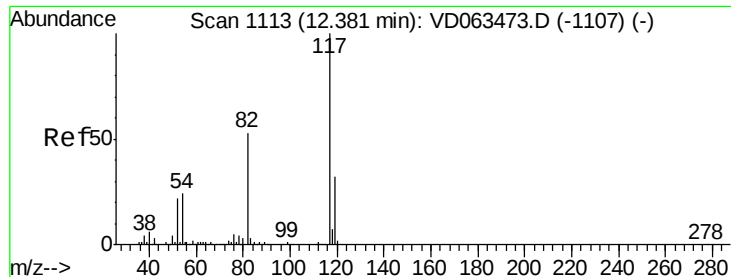


Abundance Ion 95.00 (94.70 to 95.70): VDC

Ion 173.90 (173.60 to 174.60): VDC

Ion 175.90 (175.60 to 176.60): VDC

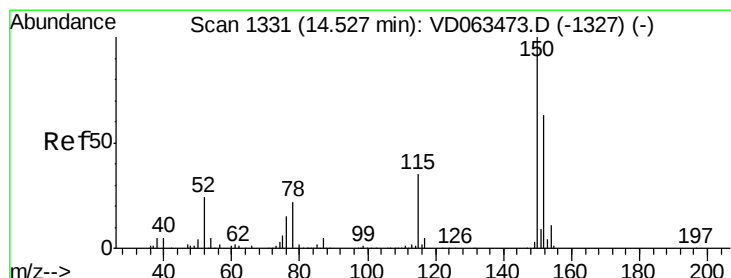
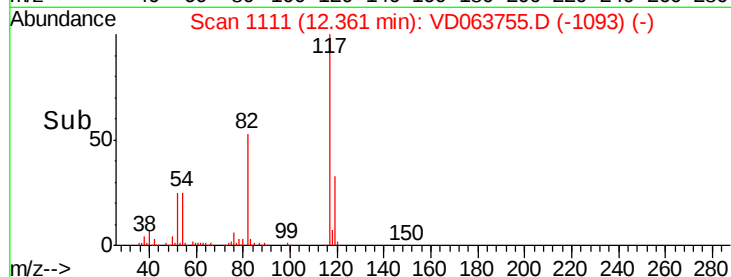
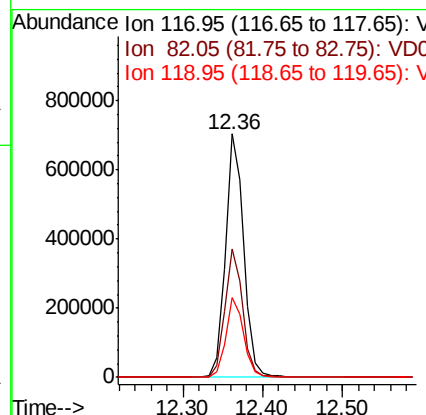
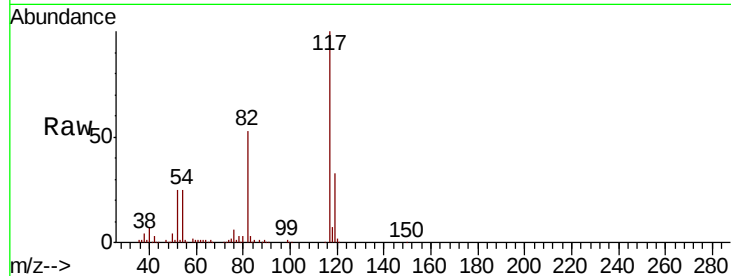




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.36 min Scan# 1111
Delta R.T. -0.02 min
Lab File: VD063755.D
Acq: 23 Aug 2019 10:02

Instrument :
MSVOA_D
ClientSampleId :
VD0823SBL01

Tgt Ion:117 Resp: 1140665
Ion Ratio Lower Upper
117 100
82 53.0 42.0 63.0
119 32.7 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: VD063755.D
Acq: 23 Aug 2019 10:02

Tgt Ion:152 Resp: 570995
Ion Ratio Lower Upper
152 100
115 54.3 30.9 92.7
150 153.1 0.0 318.6

