

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD081219\
 Data File : VD063481.D
 Acq On : 12 Aug 2019 12:22
 Operator : JC/SY
 Sample : K3613-03RE
 Misc : 4.49g/5ml/MSVOA D/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 AU-05-080719-BRE

Quant Time: Aug 12 12:56:21 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	677349	50.00	ug/l	-0.03
34) 1,4-Difluorobenzene	8.22	114	1054888	50.00	ug/l	-0.02
63) Chlorobenzene-d5	12.36	117	479051	50.00	ug/l	-0.02
72) 1,4-Dichlorobenzene-d4	14.52	152	157483	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.45	65	388015	53.59	ug/l	-0.02
Spiked Amount	50.000		Recovery	=	107.18%	
35) Dibromofluoromethane	6.92	113	164536	18.52	ug/l	-0.02
Spiked Amount	50.000		Recovery	=	37.04%	
50) Toluene-d8	10.40	98	366760	18.78	ug/l	-0.02
Spiked Amount	50.000		Recovery	=	37.56%	
62) 4-Bromofluorobenzene	13.55	95	176539	19.94	ug/l	0.00
Spiked Amount	50.000		Recovery	=	39.88%	

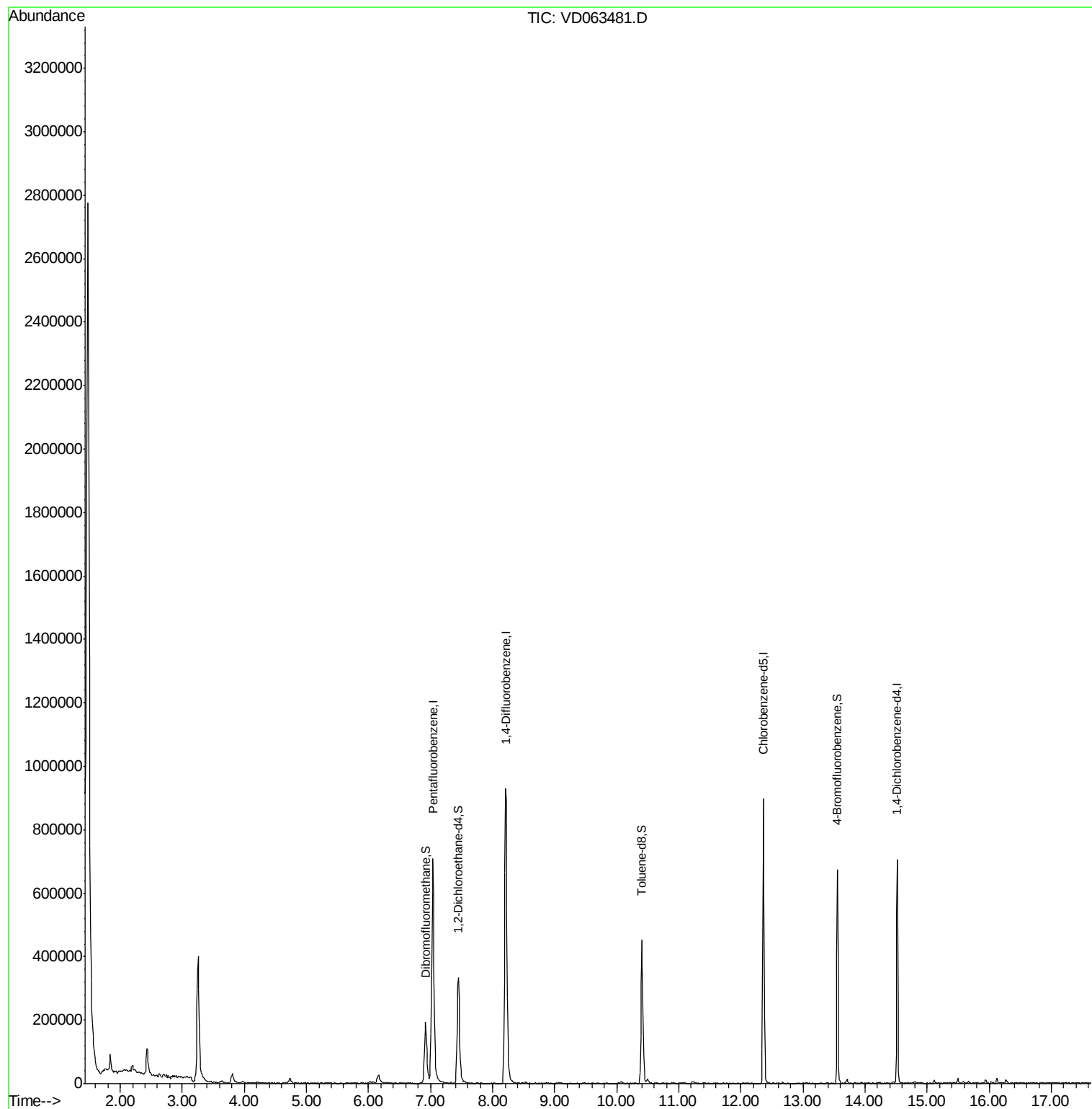
Target Compounds	Qvalue

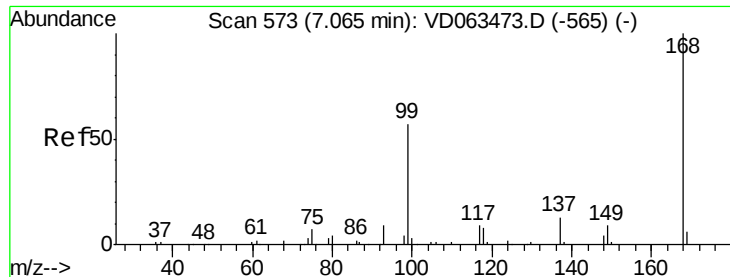
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Sat Aug 10 06:42:47 2019
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.04 min Scan# 570

Delta R.T. -0.03 min

Lab File: VD063481.D

Acq: 12 Aug 2019 12:22

Instrument :

MSVOA_D

ClientSampleId :

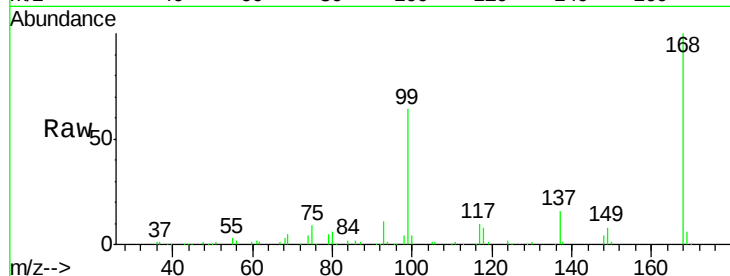
AU-05-080719-BRE

Tot Ion:168 Resp: 677349

Ion Ratio Lower Upper

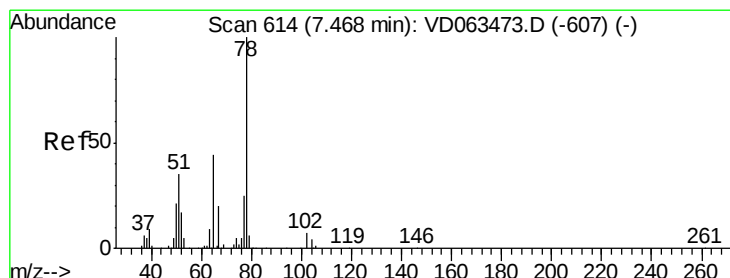
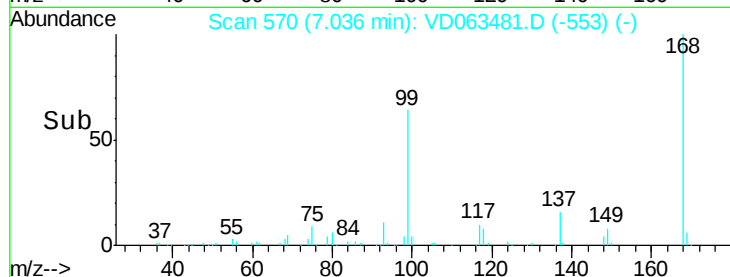
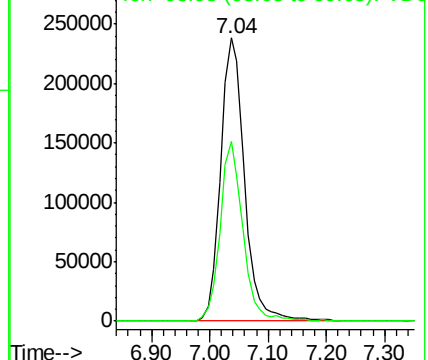
168 100

99 63.5 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: 53.591 ug/l

RT: 7.45 min Scan# 612

Delta R.T. -0.02 min

Lab File: VD063481.D

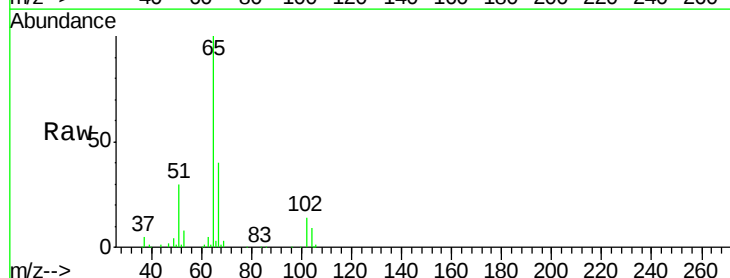
Acq: 12 Aug 2019 12:22

Tgt Ion: 65 Resp: 388015

Ion Ratio Lower Upper

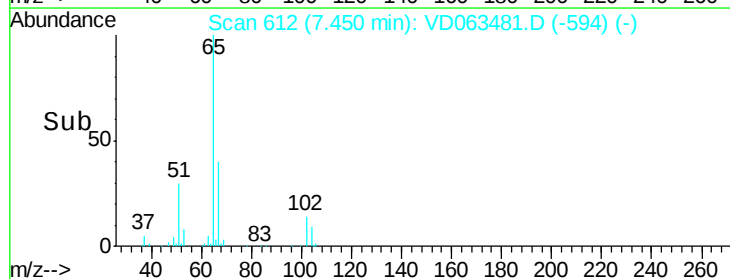
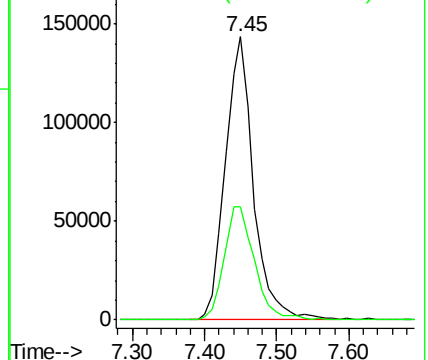
65 100

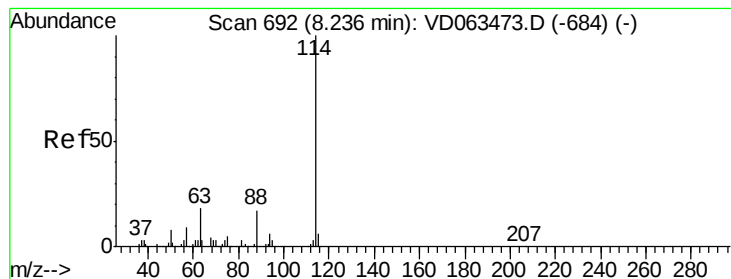
67 40.1 0.0 89.2



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: VD063481.D

Acq: 12 Aug 2019 12:22

Instrument :

MSVOA_D

ClientSampleId :

AU-05-080719-BRE

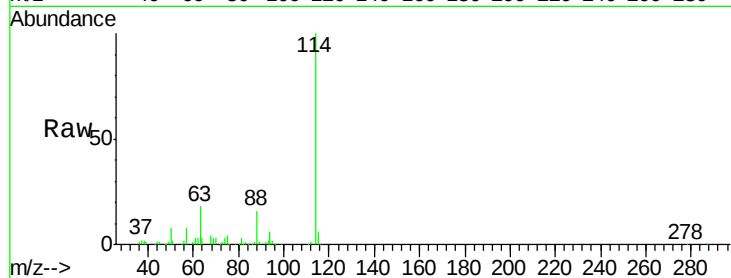
Tot Ion:114 Resp: 1054888

Ion Ratio Lower Upper

114 100

63 17.6 0.0 36.2

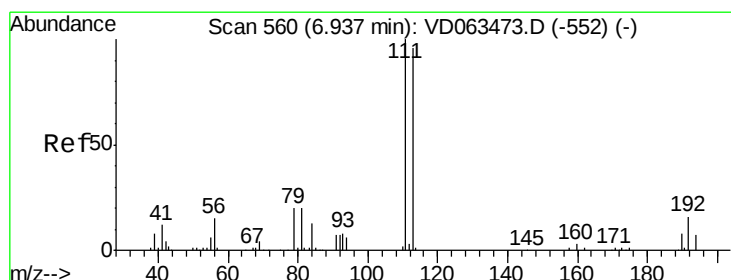
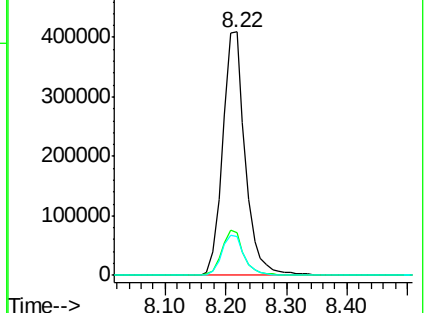
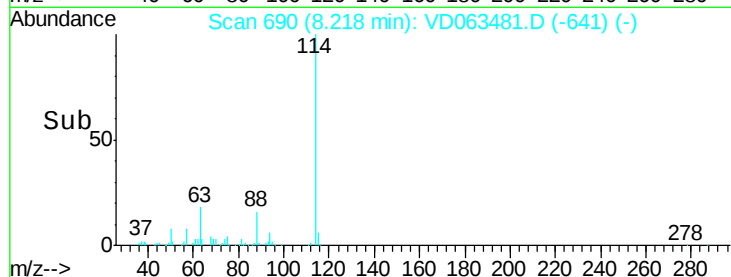
88 16.1 0.0 35.0



Abundance Ion 114.00 (113.70 to 114.70): V

Ion 62.95 (62.65 to 63.65): VDC

Ion 87.90 (87.60 to 88.60): VDC



#35

Dibromofluoromethane

Concen: 18.520 ug/l

RT: 6.92 min Scan# 558

Delta R.T. -0.02 min

Lab File: VD063481.D

Acq: 12 Aug 2019 12:22

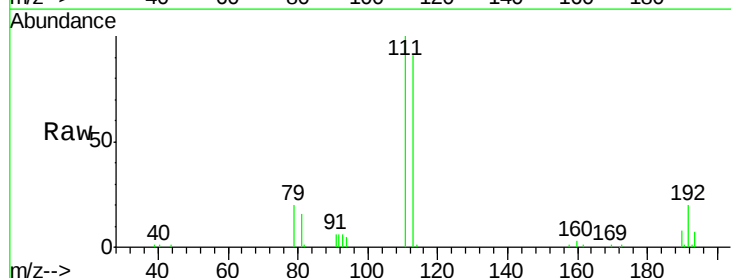
Tgt Ion:113 Resp: 164536

Ion Ratio Lower Upper

113 100

111 110.1 83.1 124.7

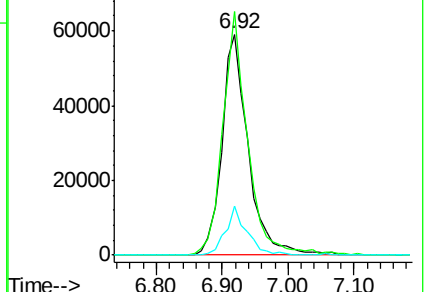
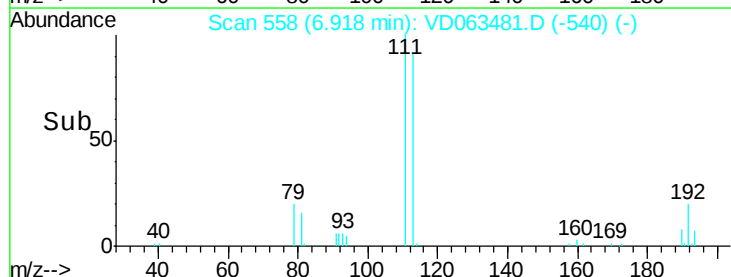
192 22.0 13.1 19.7#

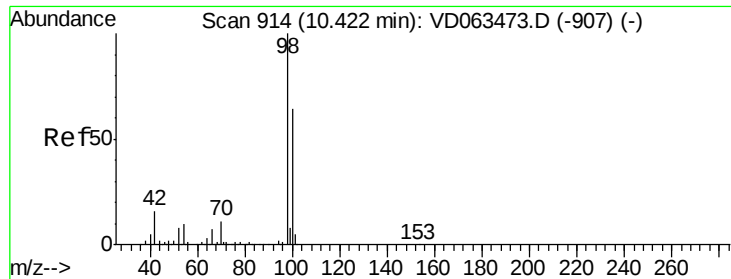


Abundance Ion 112.90 (112.60 to 113.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 191.80 (191.50 to 192.50): V





#50

Toluene-d8

Concen: 18.777 ug/l

RT: 10.40 min Scan# 912

Delta R.T. -0.02 min

Lab File: VD063481.D

Acq: 12 Aug 2019 12:22

Instrument :

MSVOA_D

ClientSampleId :

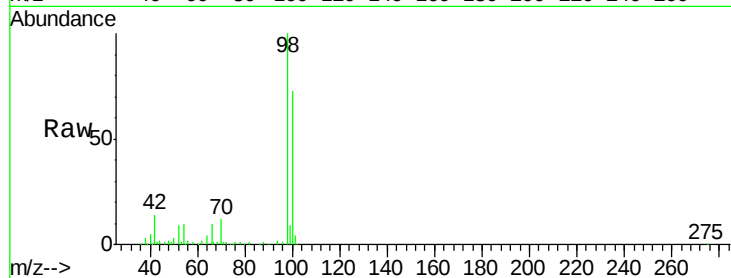
AU-05-080719-BRE

Tot Ion: 98 Resp: 366760

Ion Ratio Lower Upper

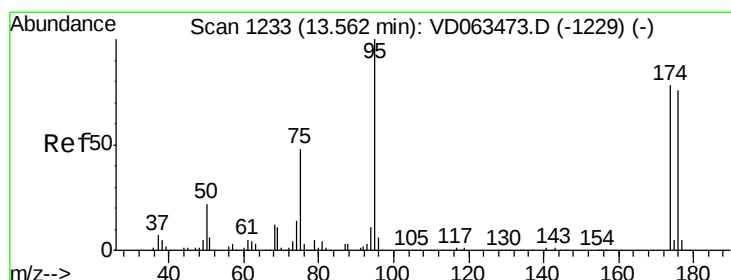
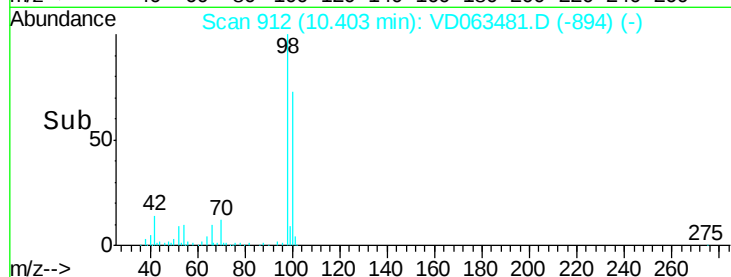
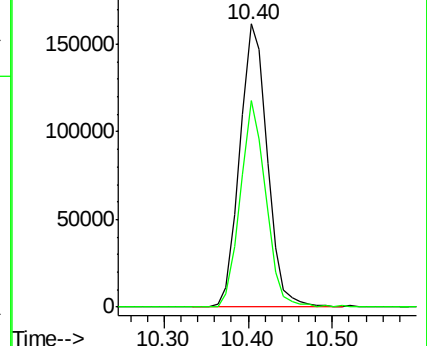
98 100

100 72.9 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: 19.941 ug/l

RT: 13.55 min Scan# 1232

Delta R.T. -0.01 min

Lab File: VD063481.D

Acq: 12 Aug 2019 12:22

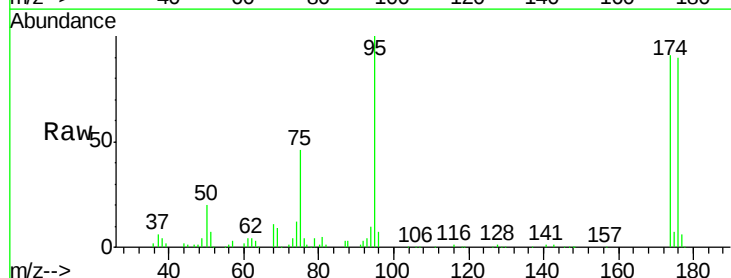
Tgt Ion: 95 Resp: 176539

Ion Ratio Lower Upper

95 100

174 91.4 0.0 155.4

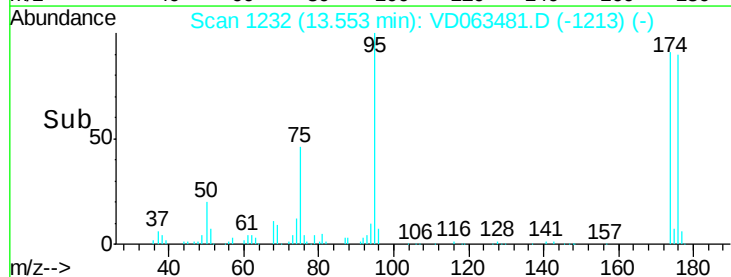
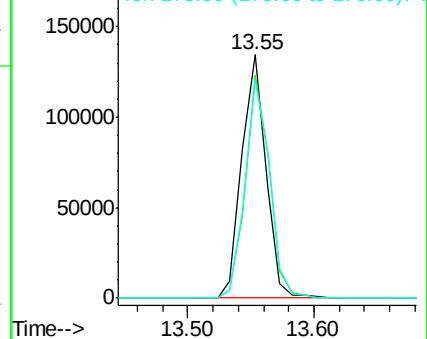
176 89.7 0.0 152.4

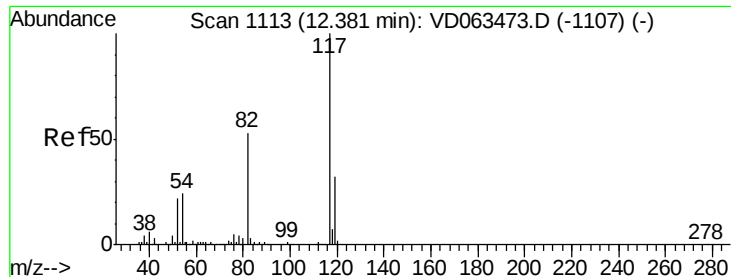


Abundance Ion 95.00 (94.70 to 95.70): VDC

Ion 173.90 (173.60 to 174.60): VDC

Ion 175.90 (175.60 to 176.60): VDC

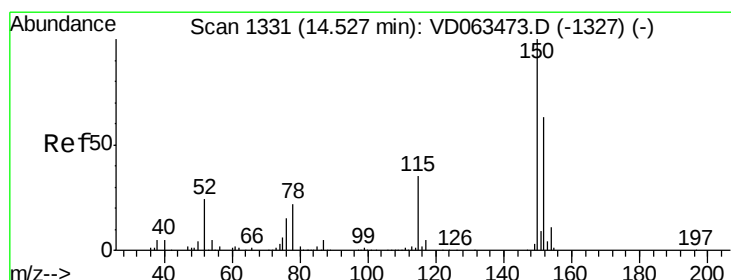
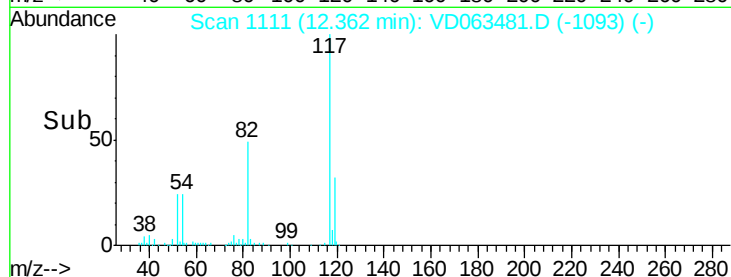
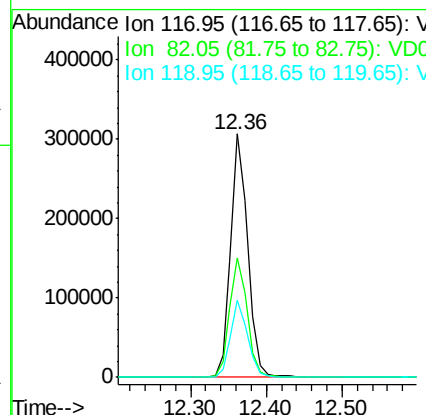
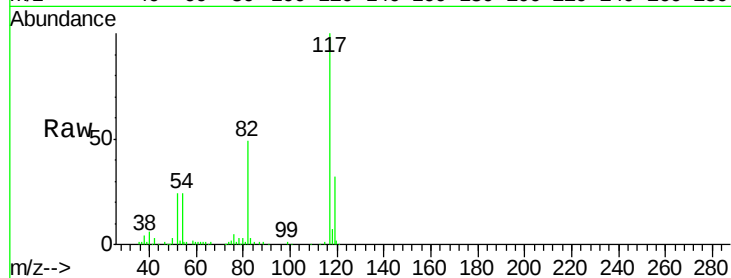




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.36 min Scan# 1111
Delta R.T. -0.02 min
Lab File: VD063481.D
Acq: 12 Aug 2019 12:22

Instrument :
MSVOA_D
ClientSampleId :
AU-05-080719-BRE

Tot Ion:117 Resp: 479051
Ion Ratio Lower Upper
117 100
82 48.9 42.0 63.0
119 31.5 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: VD063481.D
Acq: 12 Aug 2019 12:22

Tgt Ion:152 Resp: 157483
Ion Ratio Lower Upper
152 100
115 60.2 30.9 92.7
150 158.8 0.0 318.6

