

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD071719\
 Data File : VD063135.D
 Acq On : 17 Jul 2019 16:58
 Operator : VA/AP
 Sample : K3820-01
 Misc : 6.40g/5ml/MSVOA D/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 RBR-200050

Quant Time: Jul 18 07:54:03 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D071519S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 16 08:11:56 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.04	168	748454	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.21	114	1038212	50.00	ug/l	0.00
63) Chlorobenzene-d5	12.37	117	833073	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.52	152	399361	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.45	65	466348	50.02	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.04%	
35) Dibromofluoromethane	6.92	113	452602	43.77	ug/l	0.00
Spiked Amount	50.000		Recovery	=	87.54%	
50) Toluene-d8	10.41	98	1020862	45.96	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.92%	
62) 4-Bromofluorobenzene	13.56	95	385498	37.51	ug/l	0.00
Spiked Amount	50.000		Recovery	=	75.02%	

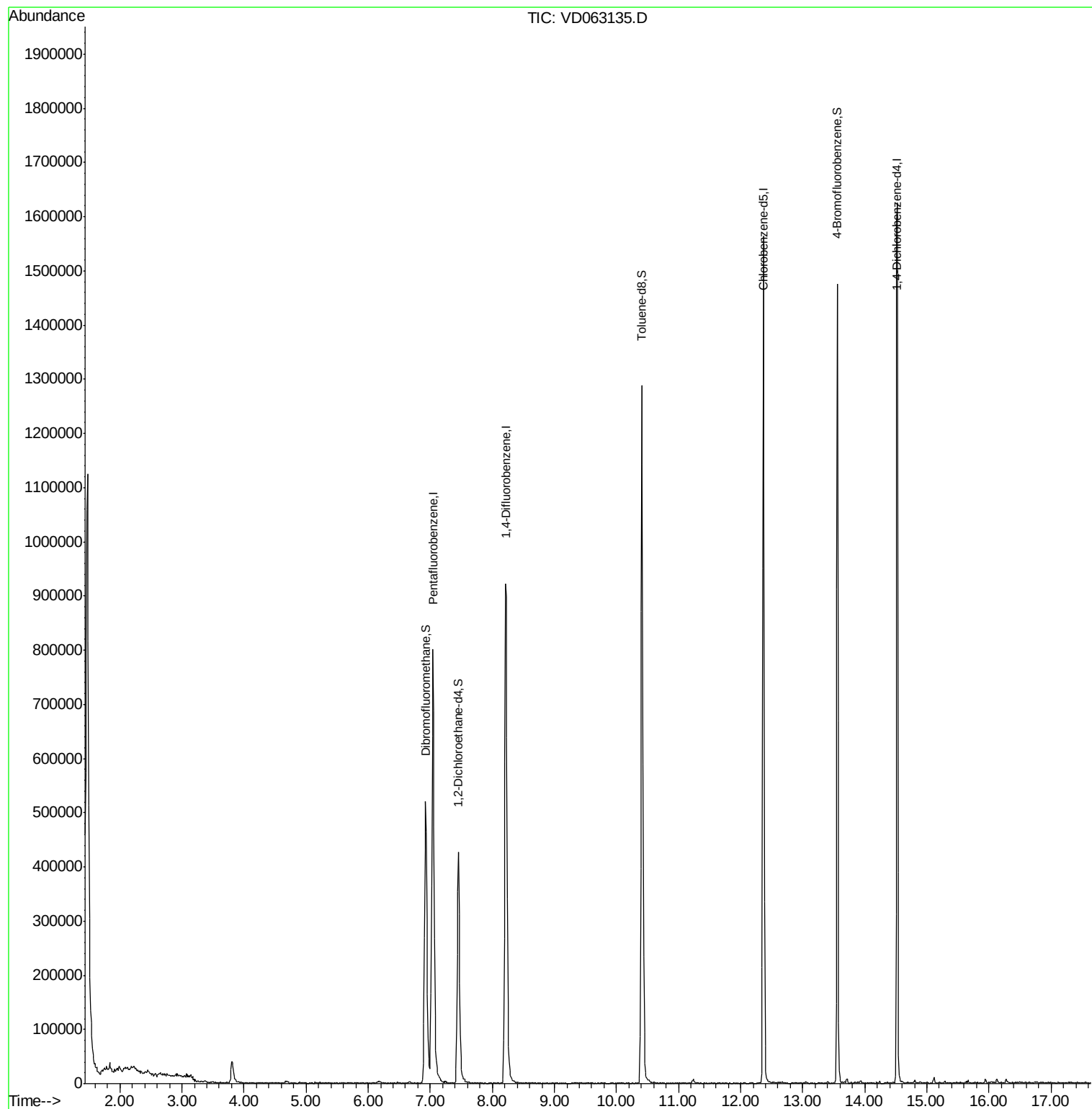
Target Compounds	Qvalue

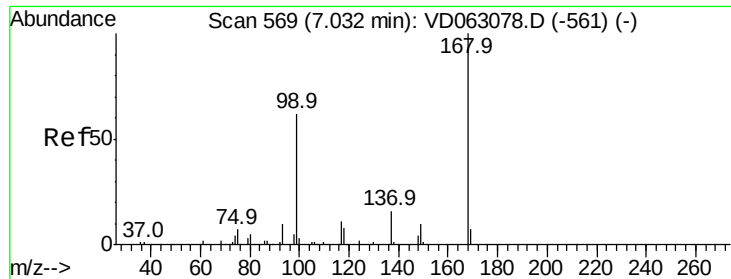
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD071719\
Data File : VD063135.D
Acq On : 17 Jul 2019 16:58
Operator : VA/AP
Sample : K3820-01
Misc : 6.40g/5ml/MSVOA D/SOIL
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
RBR-200050

Quant Time: Jul 18 07:54:03 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D071519S.M
Quant Title : SW846 8260
QLast Update : Tue Jul 16 08:11:56 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.04 min Scan# 570

Delta R.T. 0.01 min

Lab File: VD063135.D

Acq: 17 Jul 2019 16:58

Instrument :

MSVOA_D

ClientSampleId :

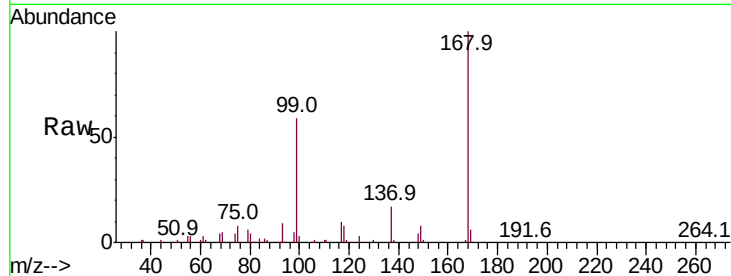
RBR-200050

Tot Ion:168 Resp: 748454

Ion Ratio Lower Upper

168 100

99 59.3 50.8 76.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC

7.04

250000

200000

150000

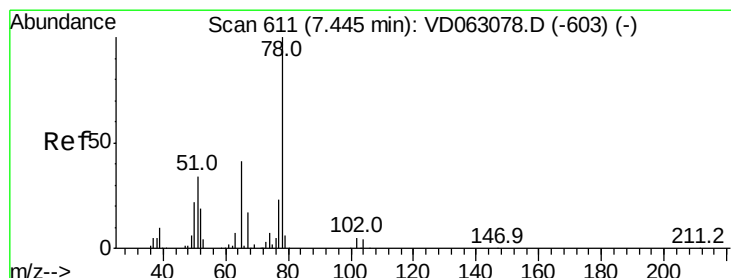
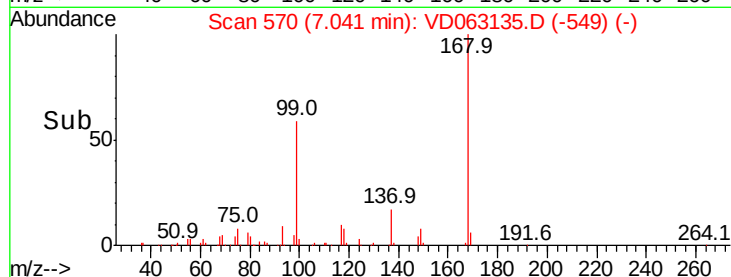
100000

50000

0

6.90 7.00 7.10 7.20

Time-->



#33

1,2-Dichloroethane-d4

Concen: 50.019 ug/l

RT: 7.45 min Scan# 612

Delta R.T. 0.01 min

Lab File: VD063135.D

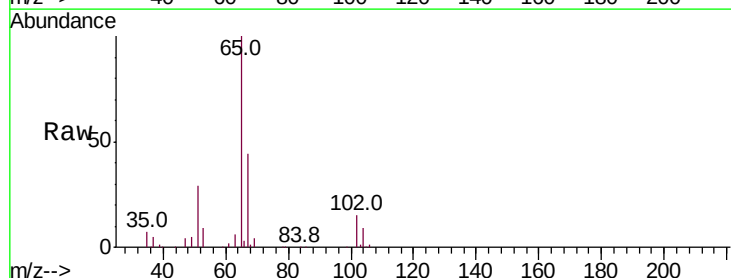
Acq: 17 Jul 2019 16:58

Tgt Ion: 65 Resp: 466348

Ion Ratio Lower Upper

65 100

67 43.7 0.0 86.0



Abundance Ion 64.95 (64.65 to 65.65): VDC

Ion 66.90 (66.60 to 67.60): VDC

200000

150000

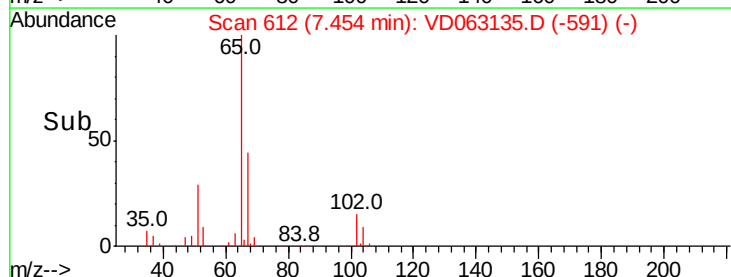
100000

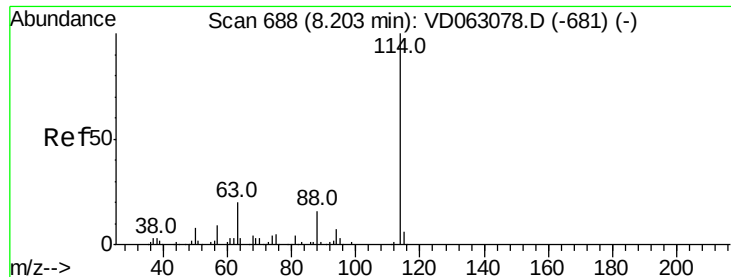
50000

0

7.30 7.40 7.50 7.60

Time-->





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.21 min Scan# 689

Delta R.T. 0.01 min

Lab File: VD063135.D

Acq: 17 Jul 2019 16:58

Instrument :

MSVOA_D

ClientSampleId :

RBR-200050

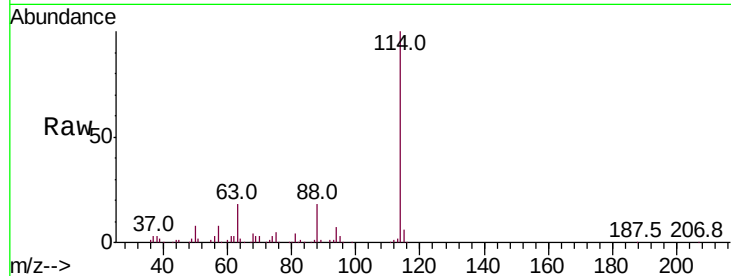
Tot Ion:114 Resp: 1038212

Ion Ratio Lower Upper

114 100

63 17.9 0.0 40.6

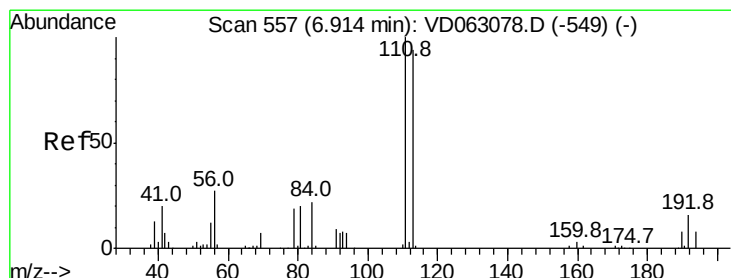
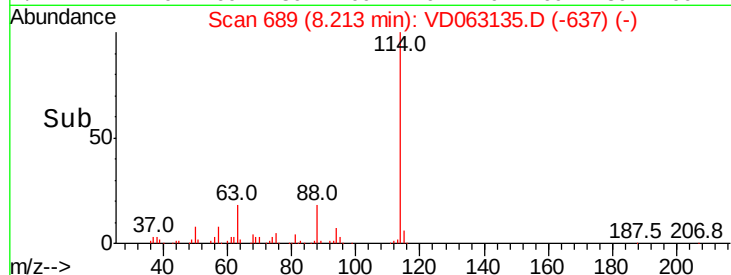
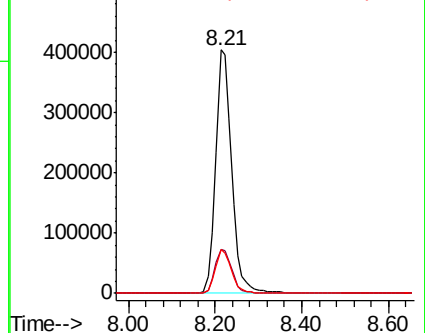
88 17.9 0.0 32.6



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: 43.768 ug/l

RT: 6.92 min Scan# 558

Delta R.T. 0.01 min

Lab File: VD063135.D

Acq: 17 Jul 2019 16:58

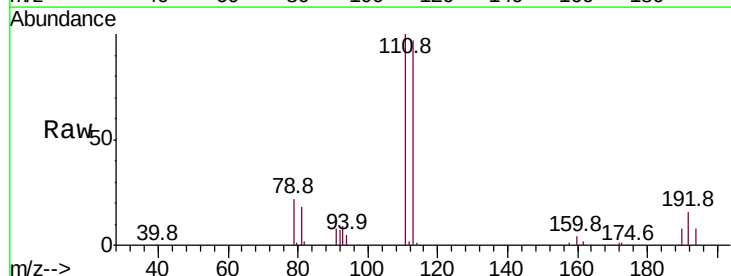
Tgt Ion:113 Resp: 452602

Ion Ratio Lower Upper

113 100

111 102.6 84.8 127.2

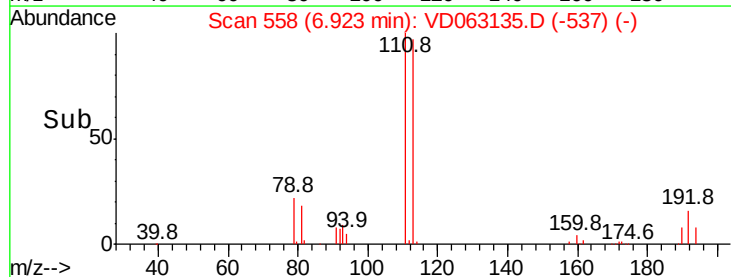
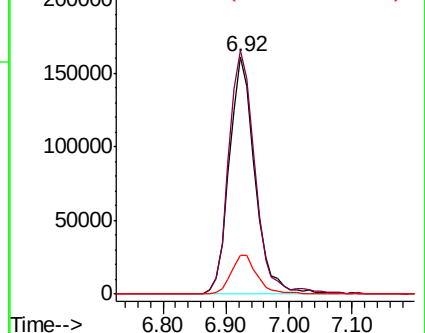
192 16.3 13.4 20.0

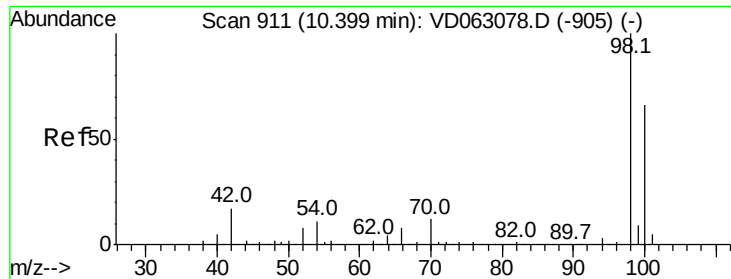


Abundance Ion 112.90 (112.60 to 113.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 191.80 (191.50 to 192.50): V





#50

Toluene-d8

Concen: 45.960 ug/l

RT: 10.41 min Scan# 912

Delta R.T. 0.01 min

Lab File: VD063135.D

Acq: 17 Jul 2019 16:58

Instrument :

MSVOA_D

ClientSampleId :

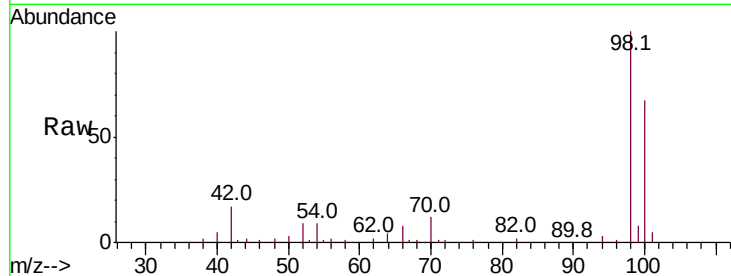
RBR-200050

Tot Ion: 98 Resp: 1020862

Ion Ratio Lower Upper

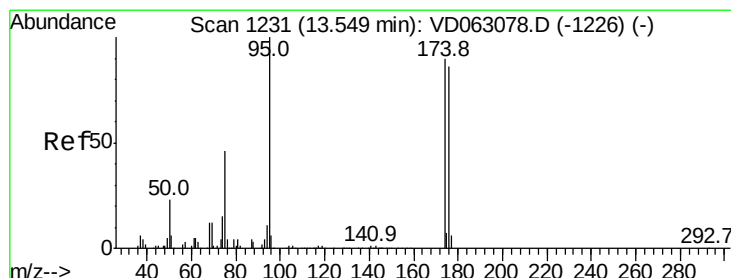
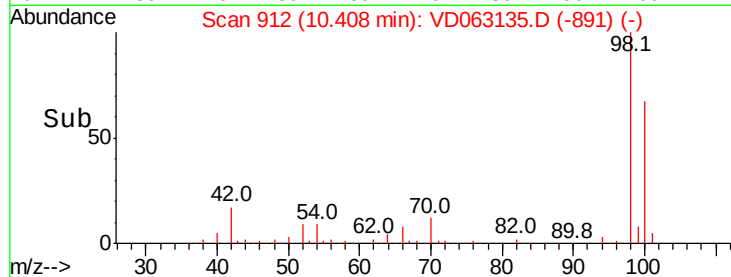
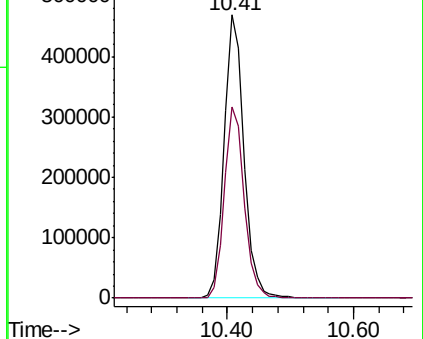
98 100

100 67.4 53.5 80.3



Abundance Ion 98.05 (97.75 to 98.75): VDC

Ion 100.05 (99.75 to 100.75): VDC



#62

4-Bromofluorobenzene

Concen: 37.514 ug/l

RT: 13.56 min Scan# 1232

Delta R.T. 0.01 min

Lab File: VD063135.D

Acq: 17 Jul 2019 16:58

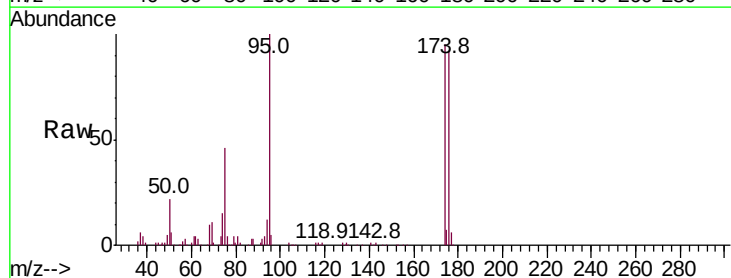
Tgt Ion: 95 Resp: 385498

Ion Ratio Lower Upper

95 100

174 95.3 0.0 180.6

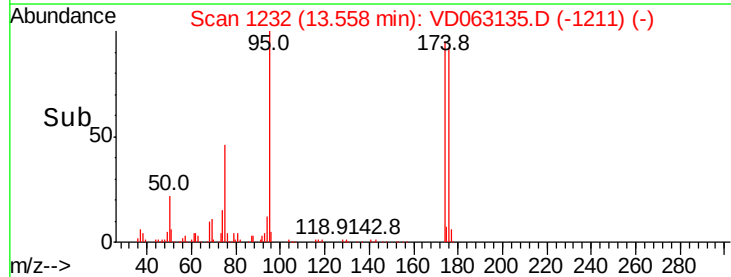
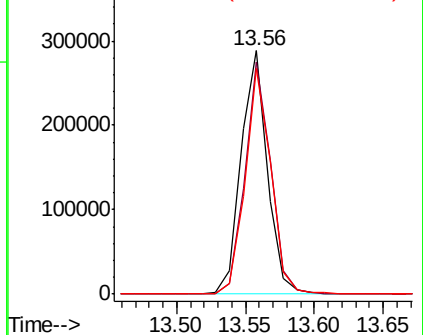
176 92.4 0.0 172.2

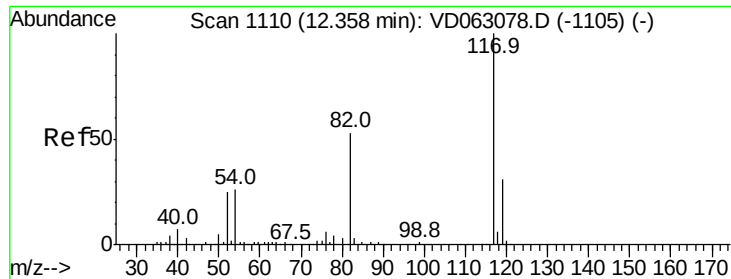


Abundance Ion 95.00 (94.70 to 95.70): VDC

Ion 173.90 (173.60 to 174.60): VDC

Ion 175.90 (175.60 to 176.60): VDC

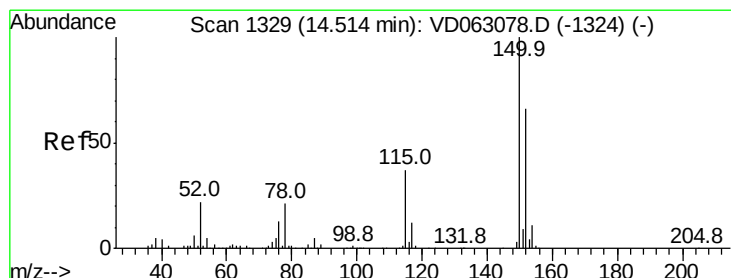
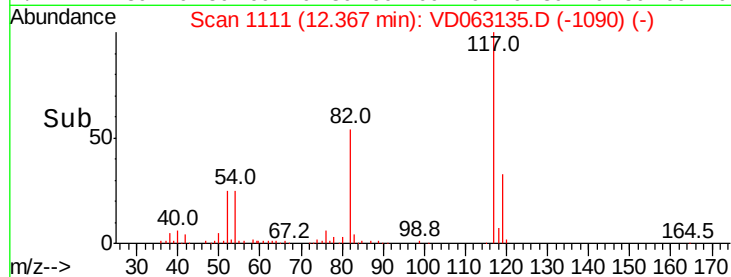
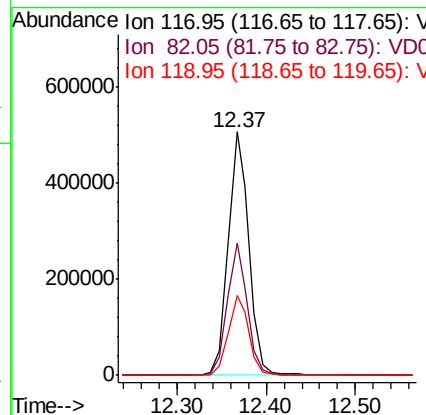
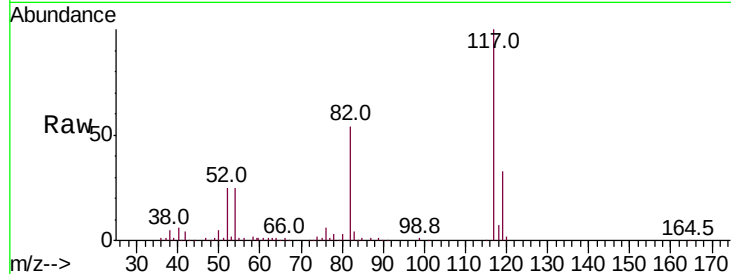




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.37 min Scan# 1111
Delta R.T. 0.01 min
Lab File: VD063135.D
Acq: 17 Jul 2019 16:58

Instrument :
MSVOA_D
ClientSampleId :
RBR-200050

Tot Ion:117 Resp: 833073
Ion Ratio Lower Upper
117 100
82 54.2 42.3 63.5
119 32.9 25.2 37.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.52 min Scan# 1330
Delta R.T. 0.01 min
Lab File: VD063135.D
Acq: 17 Jul 2019 16:58

Tgt Ion:152 Resp: 399361
Ion Ratio Lower Upper
152 100
115 51.4 28.9 86.8
150 146.1 0.0 313.8

