

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD053019\
 Data File : VD062553.D
 Acq On : 30 May 2019 15:00
 Operator : VA/AP
 Sample : VIBLK
 Misc : 5.00g/5ml/MSVOA D/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VIBLK

Quant Time: May 31 02:16:30 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D053019S.M
 Quant Title : SW846 8260
 QLast Update : Fri May 31 02:08:29 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.06	168	891366	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.23	114	1201327	50.00	ug/l	0.00
63) Chlorobenzene-d5	12.37	117	996877	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.53	152	520438	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.46	65	497531	47.60	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.20%	
35) Dibromofluoromethane	6.94	113	539713	49.30	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.60%	
50) Toluene-d8	10.42	98	1127172	46.99	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.98%	
62) 4-Bromofluorobenzene	13.56	95	531710	49.16	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.32%	

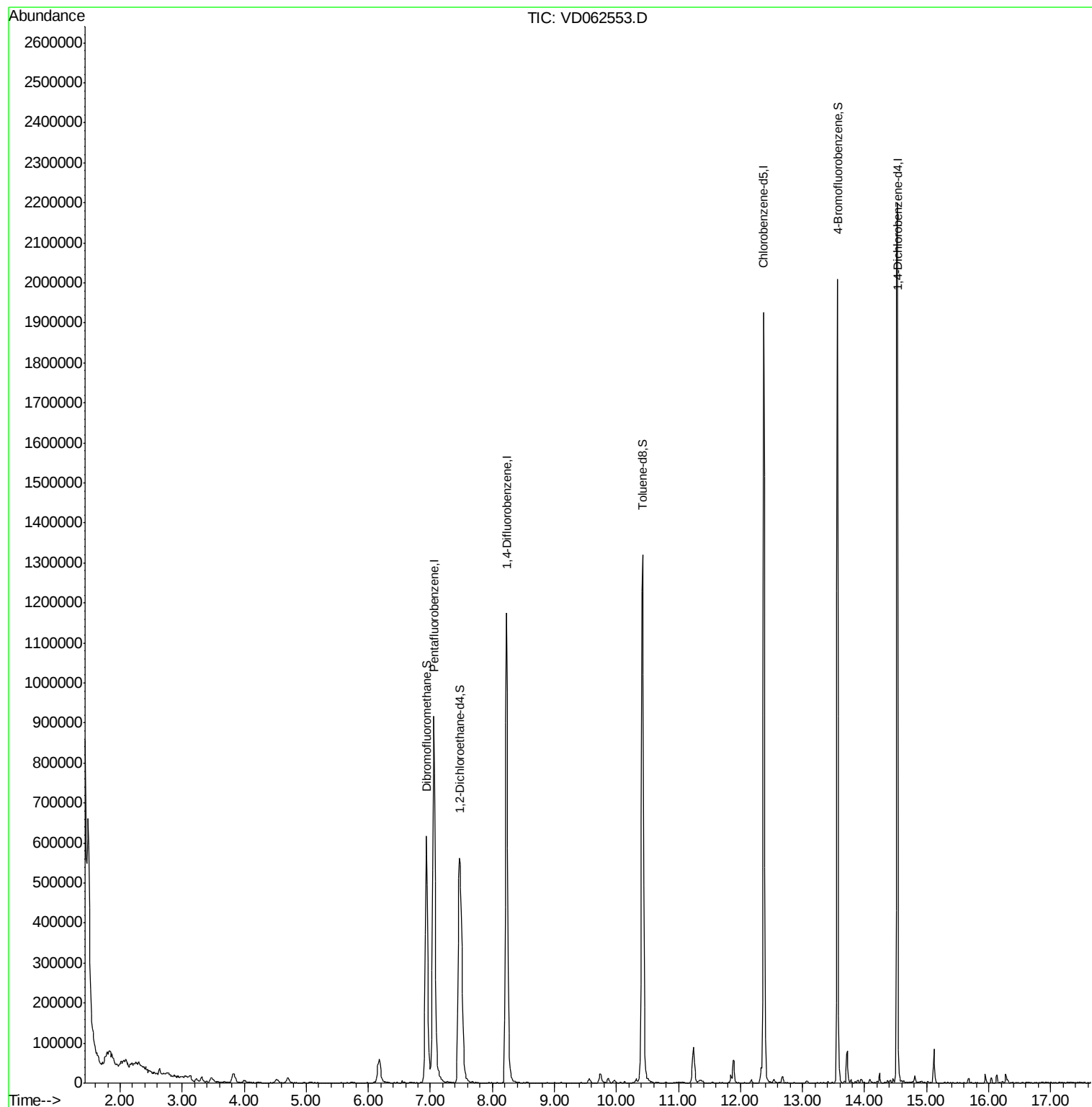
Target Compounds	Qvalue

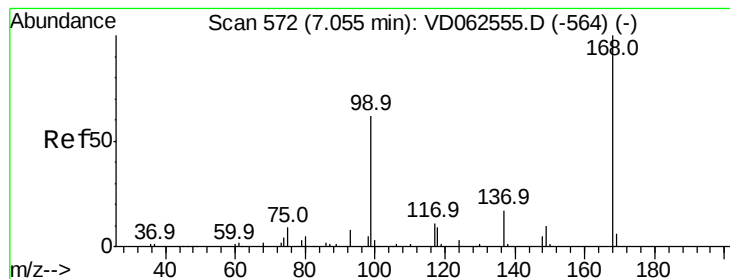
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Fri May 31 02:08:29 2019
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.06 min Scan# 572

Delta R.T. 0.00 min

Lab File: VD062553.D

Acq: 30 May 2019 15:00

Instrument :

MSVOA_D

ClientSampleId :

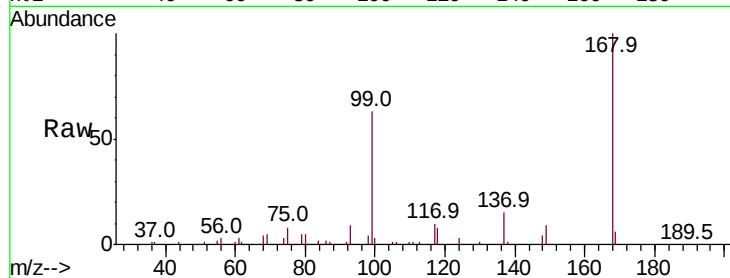
VIBLK

Tot Ion:168 Resp: 891366

Ion Ratio Lower Upper

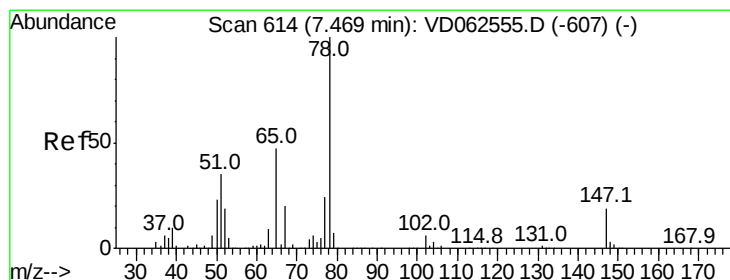
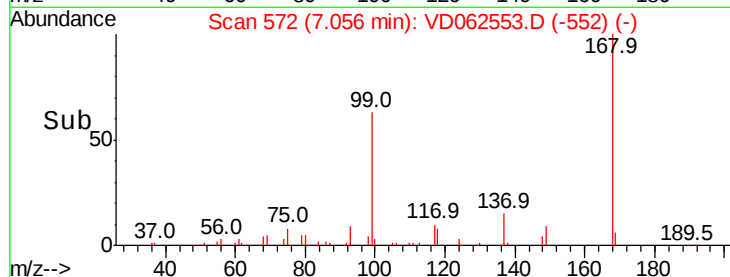
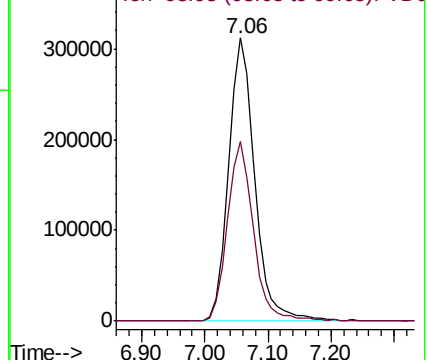
168 100

99 63.4 50.8 76.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): V



#33

1,2-Dichloroethane-d4

Concen: 47.604 ug/l

RT: 7.46 min Scan# 613

Delta R.T. -0.01 min

Lab File: VD062553.D

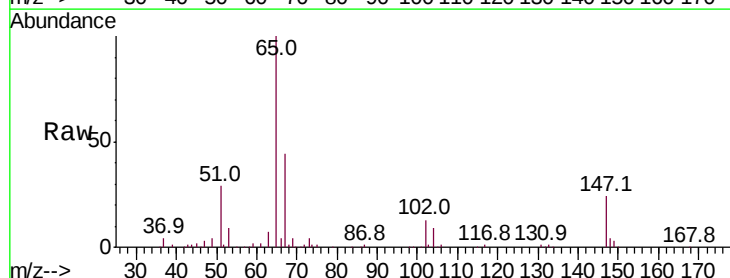
Acq: 30 May 2019 15:00

Tgt Ion: 65 Resp: 497531

Ion Ratio Lower Upper

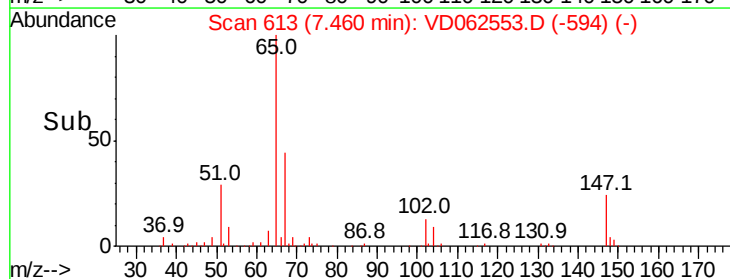
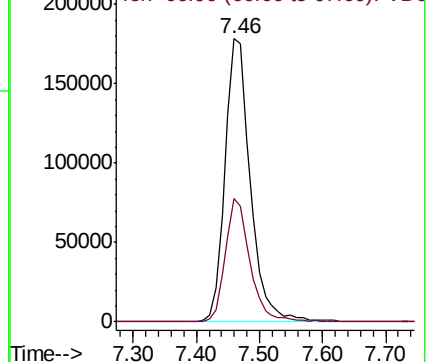
65 100

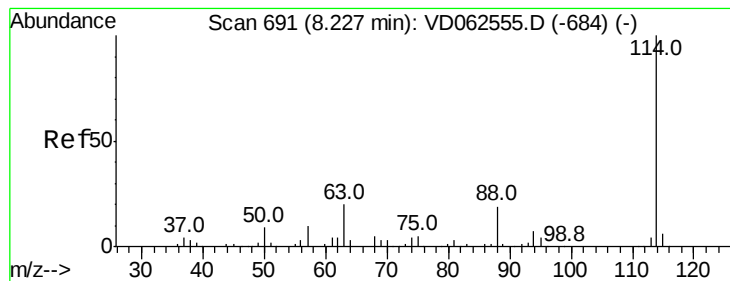
67 43.8 0.0 83.6



Abundance Ion 64.95 (64.65 to 65.65): V

Ion 66.90 (66.60 to 67.60): V





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.23 min Scan# 691

Delta R.T. 0.00 min

Lab File: VD062553.D

Acq: 30 May 2019 15:00

Instrument :

MSVOA_D

ClientSampleId :

VIBLK

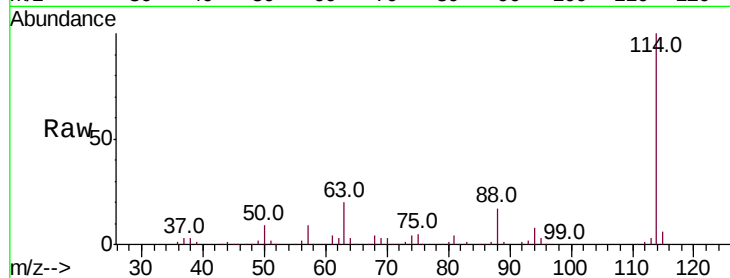
Tot Ion:114 Resp: 1201327

Ion Ratio Lower Upper

114 100

63 20.4 0.0 40.6

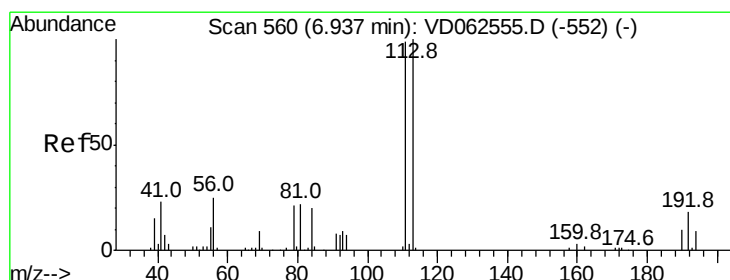
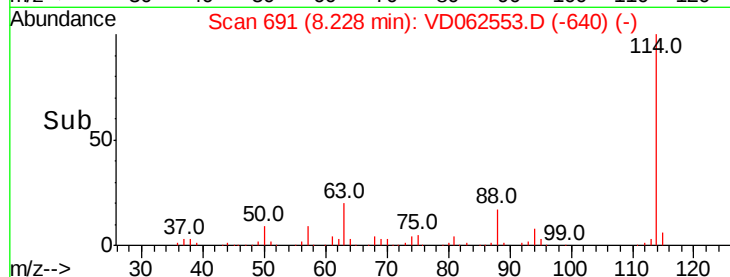
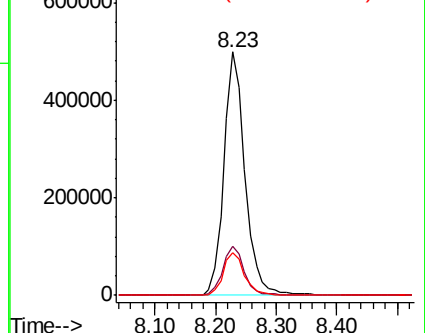
88 17.4 0.0 37.6



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: 49.301 ug/l

RT: 6.94 min Scan# 560

Delta R.T. 0.00 min

Lab File: VD062553.D

Acq: 30 May 2019 15:00

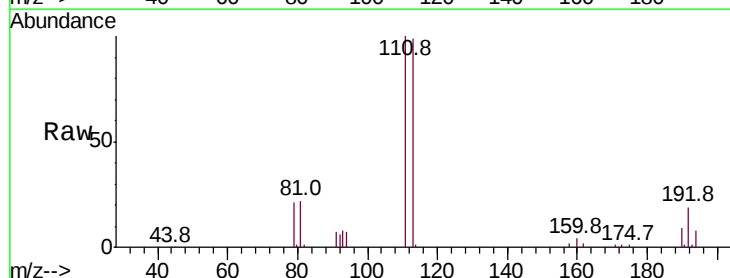
Tgt Ion:113 Resp: 539713

Ion Ratio Lower Upper

113 100

111 101.0 78.8 118.2

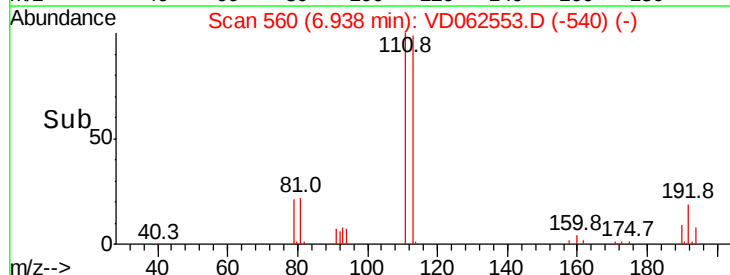
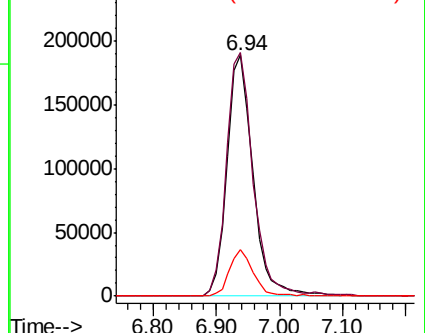
192 19.4 14.6 22.0

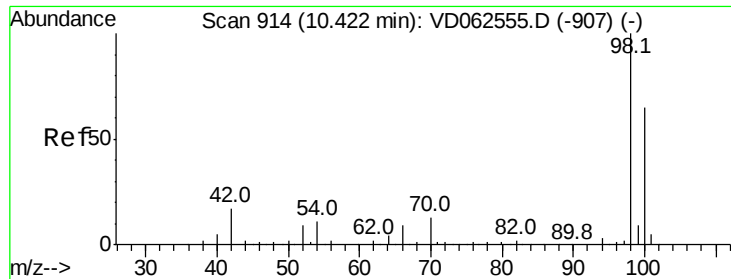


Abundance Ion 112.90 (112.60 to 113.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 191.80 (191.50 to 192.50): V





#50

Toluene-d8

Concen: 46.994 ug/l

RT: 10.42 min Scan# 914

Delta R.T. 0.00 min

Lab File: VD062553.D

Acq: 30 May 2019 15:00

Instrument :

MSVOA_D

ClientSampleId :

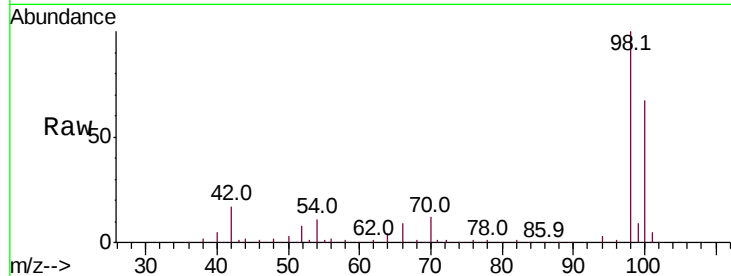
VIBLK

Tot Ion: 98 Resp: 1127172

Ion Ratio Lower Upper

98 100

100 67.1 52.3 78.5



Abundance Ion 98.05 (97.75 to 98.75): VDC

Ion 100.05 (99.75 to 100.75): VDC

10.42

500000

400000

300000

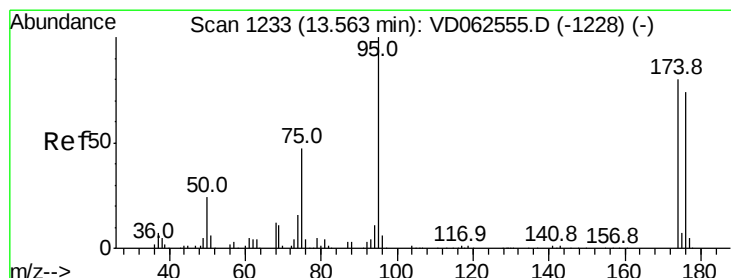
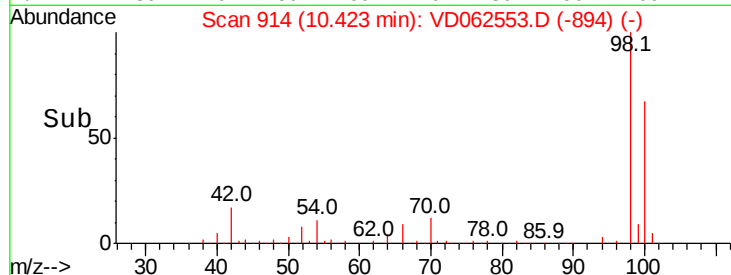
200000

100000

0

Time-->

10.30 10.40 10.50 10.60



#62

4-Bromofluorobenzene

Concen: 49.156 ug/l

RT: 13.56 min Scan# 1233

Delta R.T. 0.00 min

Lab File: VD062553.D

Acq: 30 May 2019 15:00

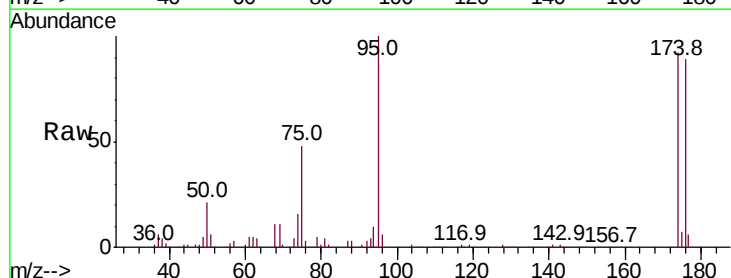
Tgt Ion: 95 Resp: 531710

Ion Ratio Lower Upper

95 100

174 92.0 0.0 160.2

176 88.6 0.0 148.0



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

500000

400000

300000

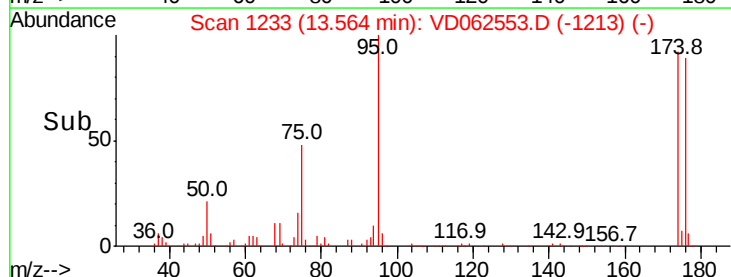
200000

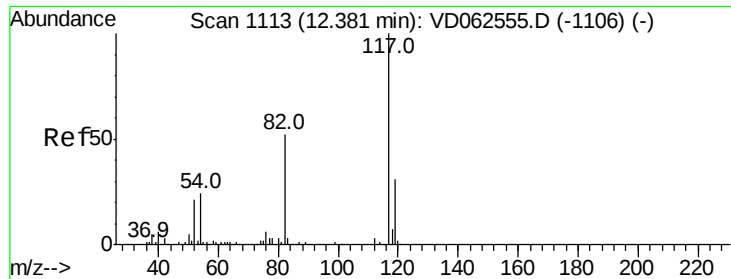
100000

0

Time-->

13.50 13.60 13.70

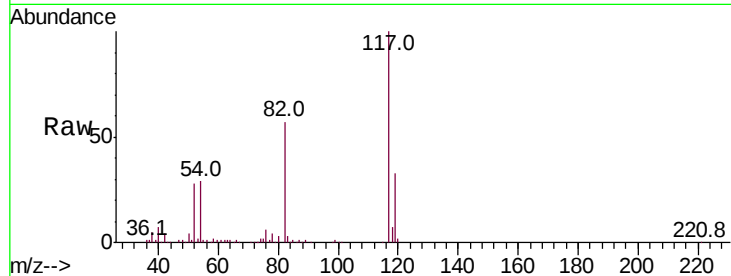




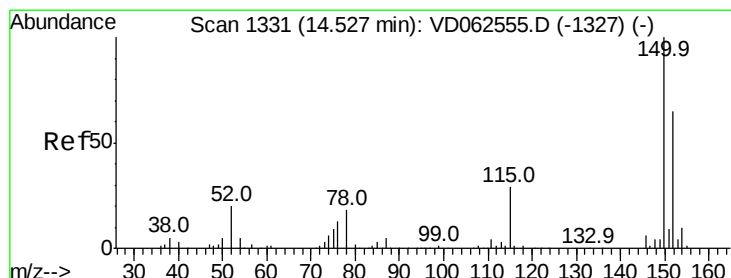
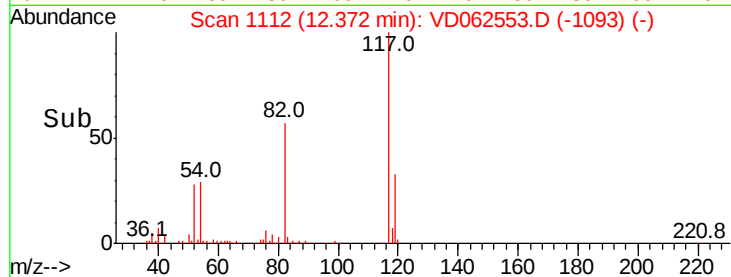
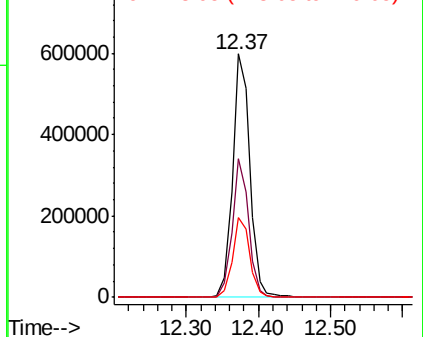
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.37 min Scan# 1112
Delta R.T. -0.01 min
Lab File: VD062553.D
Acq: 30 May 2019 15:00

Instrument :
MSVOA_D
ClientSampleId :
VIBLK

Tot Ion:117 Resp: 996877
Ion Ratio Lower Upper
117 100
82 56.9 41.4 62.2
119 32.6 24.9 37.3

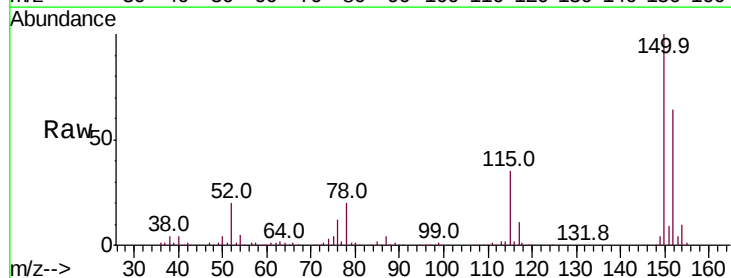


Abundance Ion 116.95 (116.65 to 117.65): V
Ion 82.05 (81.75 to 82.75): V
Ion 118.95 (118.65 to 119.65): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.53 min Scan# 1331
Delta R.T. 0.00 min
Lab File: VD062553.D
Acq: 30 May 2019 15:00

Tgt Ion:152 Resp: 520438
Ion Ratio Lower Upper
152 100
115 55.1 28.4 85.3
150 156.3 0.0 310.4



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 115.00 (114.70 to 115.70): V
Ion 149.90 (149.60 to 150.60): V

