

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD061719\
 Data File : VD062737.D
 Acq On : 17 Jun 2019 20:00
 Operator : VA/AP
 Sample : K3419-08
 Misc : 5.14g/5ml/MSVOA D/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-D

Quant Time: Jun 18 07:06:04 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D060719S.M
 Quant Title : SW846 8260
 QLast Update : Sat Jun 08 00:02:21 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.04	168	794640	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.22	114	1104184	50.00	ug/l	0.00
63) Chlorobenzene-d5	12.36	117	921750	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.52	152	515233	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	7.45	65	320844	27.98	ug/l	0.00
Spiked Amount						
			Recovery	=	55.96%	
35) Dibromofluoromethane	6.92	113	340131	29.21	ug/l	0.00
Spiked Amount						
			Recovery	=	58.42%	
50) Toluene-d8	10.40	98	654648	26.72	ug/l	-0.01
Spiked Amount						
			Recovery	=	53.44%	
62) 4-Bromofluorobenzene	13.55	95	314686	27.53	ug/l	0.00
Spiked Amount						
			Recovery	=	55.06%	

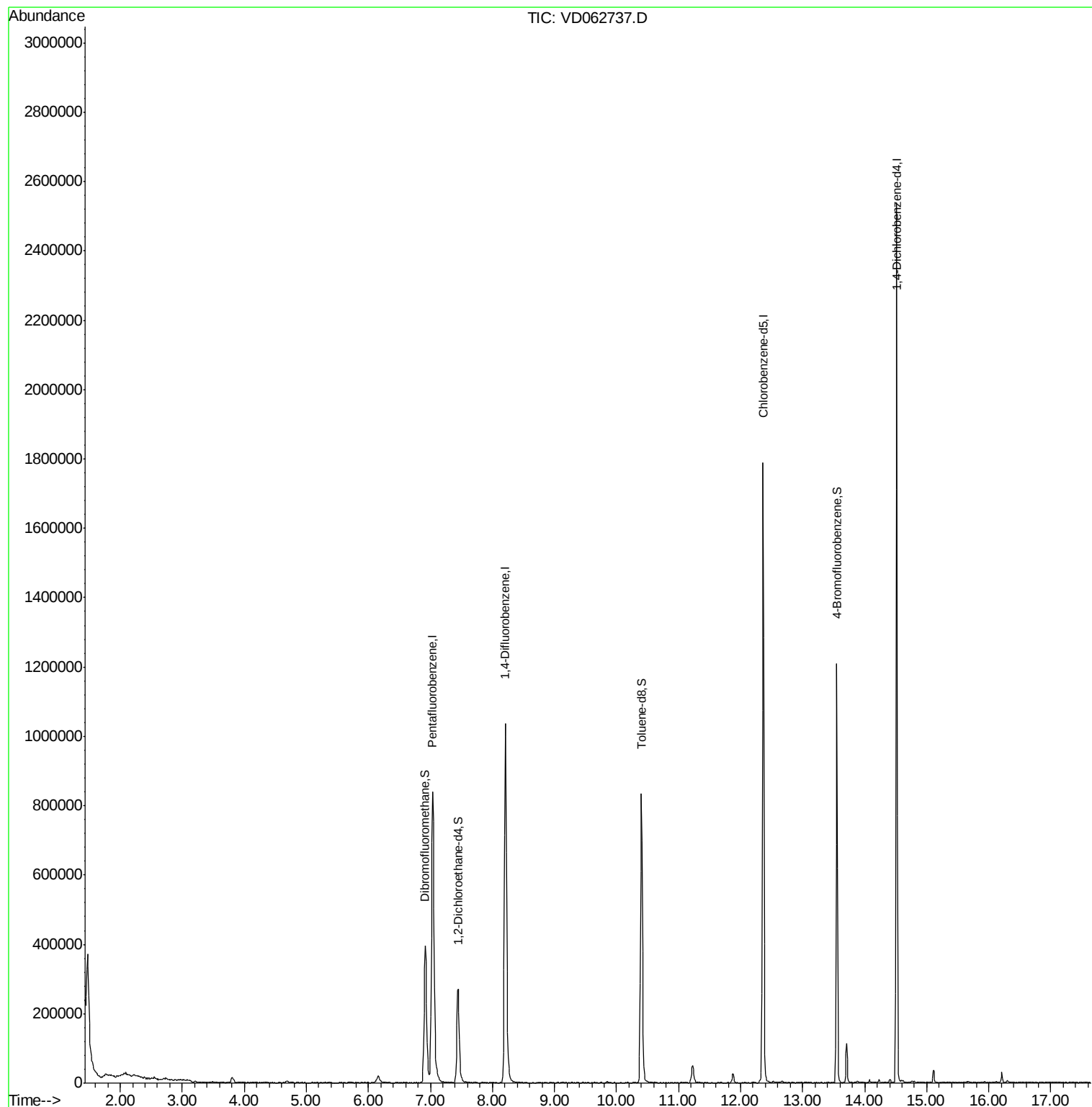
Target Compounds	Qvalue
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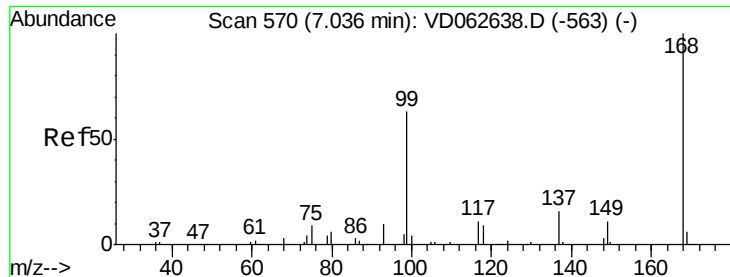
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Sat Jun 08 00:02:21 2019
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.04 min Scan# 570

Delta R.T. -0.00 min

Lab File: VD062737.D

Acq: 17 Jun 2019 20:00

Instrument :

MSVOA_D

ClientSampleId :

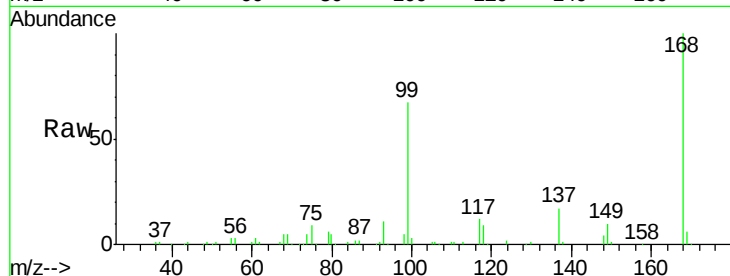
TP-D

Tot Ion:168 Resp: 794640

Ion Ratio Lower Upper

168 100

99 66.8 51.4 77.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC

7.04

300000

250000

200000

150000

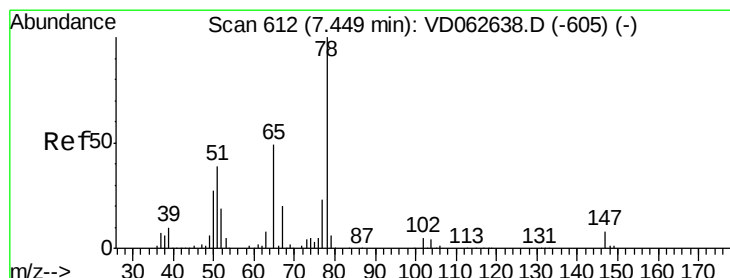
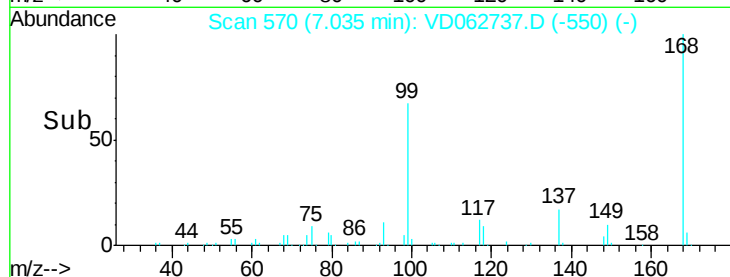
100000

50000

0

6.90 7.00 7.10 7.20

Time-->



#33

1,2-Dichloroethane-d4

Concen: 27.981 ug/l

RT: 7.45 min Scan# 612

Delta R.T. -0.00 min

Lab File: VD062737.D

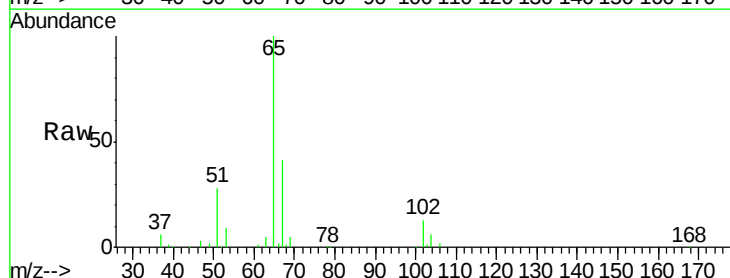
Acq: 17 Jun 2019 20:00

Tgt Ion: 65 Resp: 320844

Ion Ratio Lower Upper

65 100

67 40.9 0.0 81.8



Abundance Ion 64.95 (64.65 to 65.65): VDC

Ion 66.90 (66.60 to 67.60): VDC

7.45

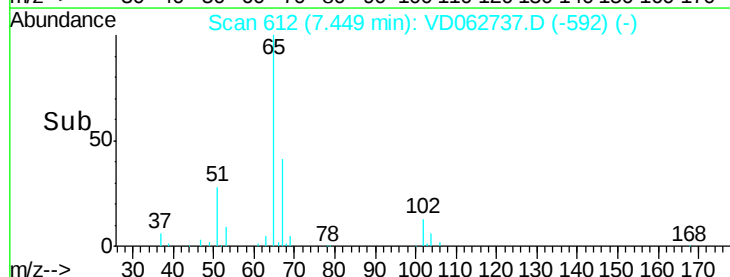
100000

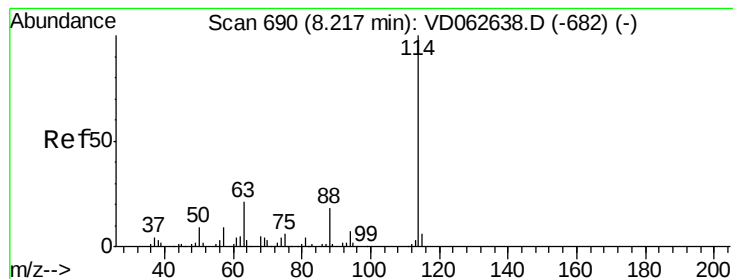
50000

0

7.30 7.40 7.50 7.60

Time-->





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.22 min Scan# 690

Delta R.T. -0.00 min

Lab File: VD062737.D

Acq: 17 Jun 2019 20:00

Instrument :

MSVOA_D

ClientSampled :

TP-D

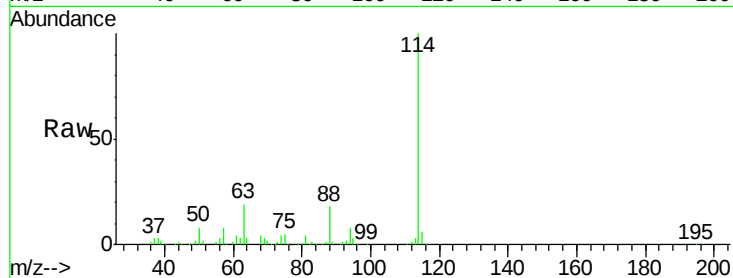
Tot Ion:114 Resp: 1104184

Ion Ratio Lower Upper

114 100

63 18.8 0.0 42.4

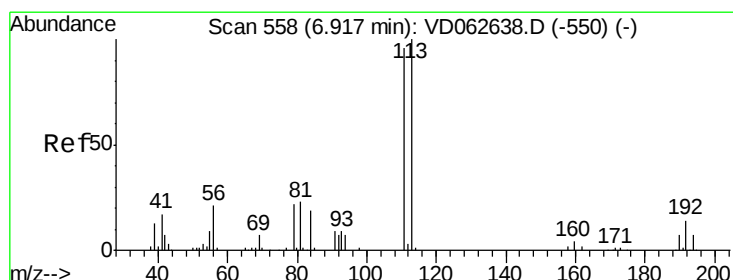
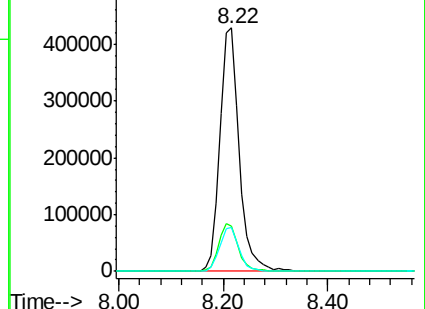
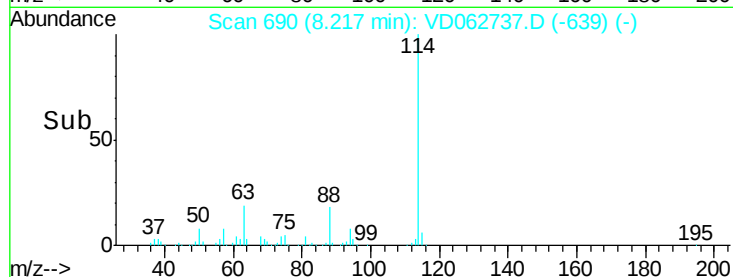
88 17.8 0.0 36.8



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: 29.208 ug/l

RT: 6.92 min Scan# 558

Delta R.T. -0.00 min

Lab File: VD062737.D

Acq: 17 Jun 2019 20:00

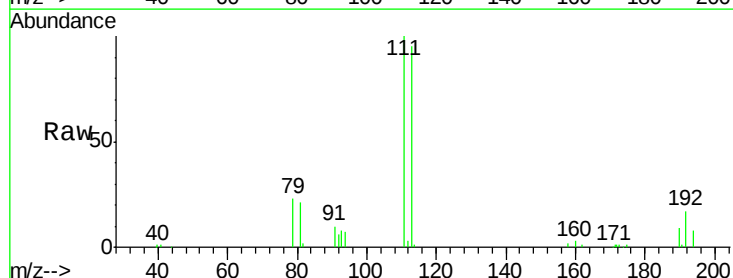
Tgt Ion:113 Resp: 340131

Ion Ratio Lower Upper

113 100

111 105.6 76.4 114.6

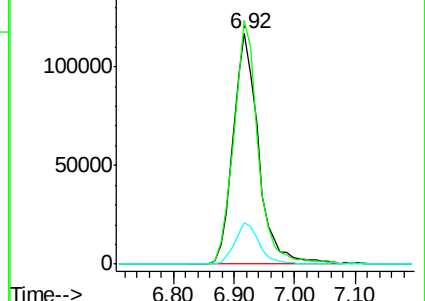
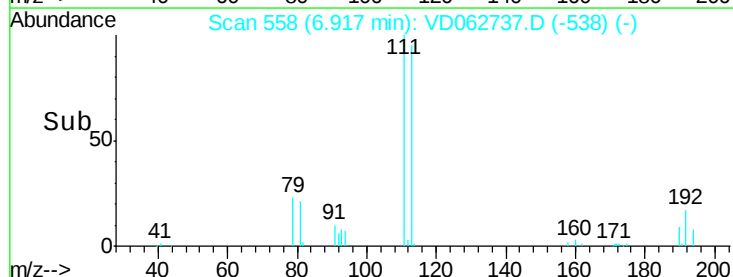
192 17.9 11.4 17.0#

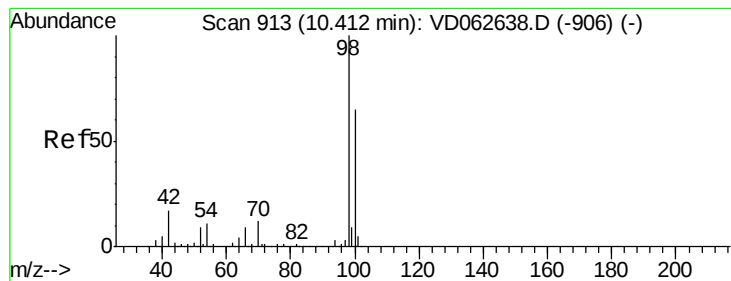


Abundance Ion 112.90 (112.60 to 113.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 191.80 (191.50 to 192.50): V





#50

Toluene-d8

Concen: 26.723 ug/l

RT: 10.40 min Scan# 912

Delta R.T. -0.01 min

Lab File: VD062737.D

Acq: 17 Jun 2019 20:00

Instrument :

MSVOA_D

ClientSampleId :

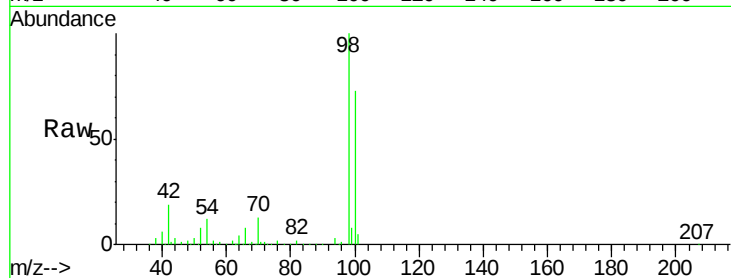
TP-D

Tot Ion: 98 Resp: 654648

Ion Ratio Lower Upper

98 100

100 72.7 52.1 78.1



Abundance Ion 98.05 (97.75 to 98.75): VD062638.D (-906) (-)

Ion 100.05 (99.75 to 100.75): VD062638.D (-906) (-)

10.40

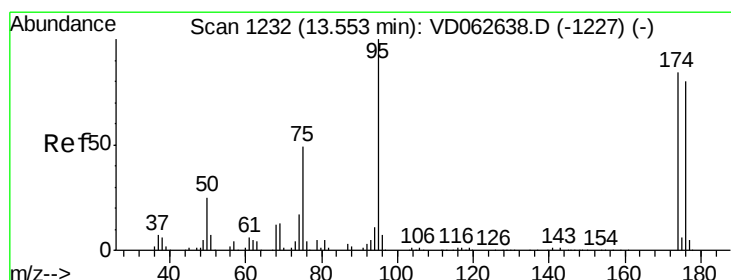
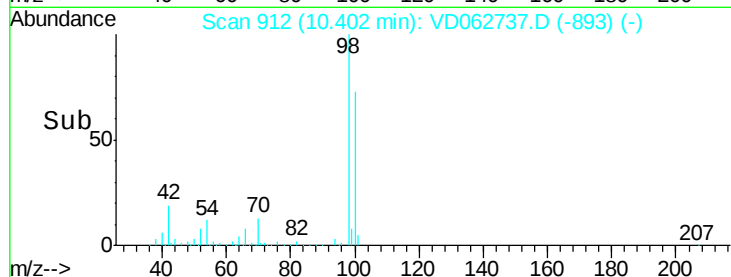
300000

200000

100000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 27.535 ug/l

RT: 13.55 min Scan# 1232

Delta R.T. -0.00 min

Lab File: VD062737.D

Acq: 17 Jun 2019 20:00

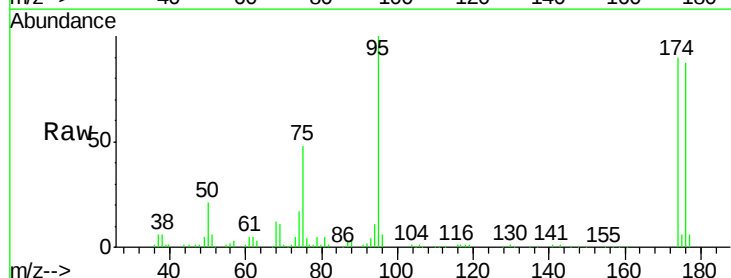
Tgt Ion: 95 Resp: 314686

Ion Ratio Lower Upper

95 100

174 90.0 0.0 167.0

176 87.4 0.0 159.2



Abundance Ion 95.00 (94.70 to 95.70): VD062638.D (-1227) (-)

Ion 173.90 (173.60 to 174.60): VD062638.D (-1227) (-)

Ion 175.90 (175.60 to 176.60): VD062638.D (-1227) (-)

13.55

300000

250000

200000

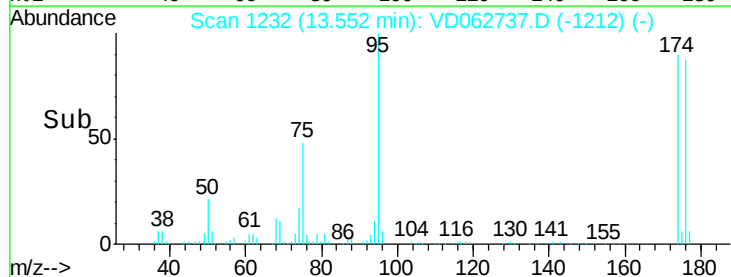
150000

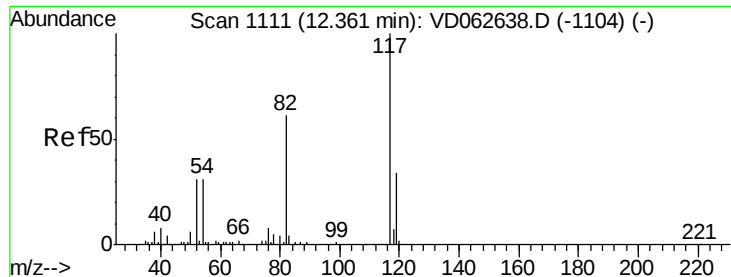
100000

50000

0

Time-->

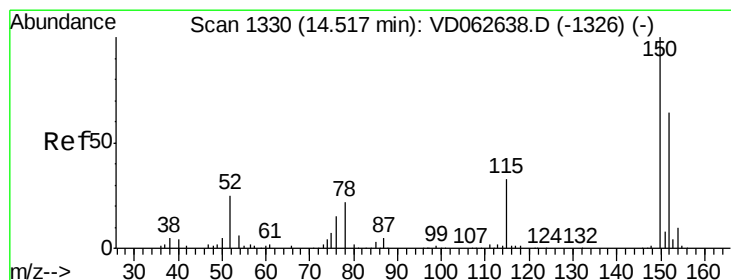
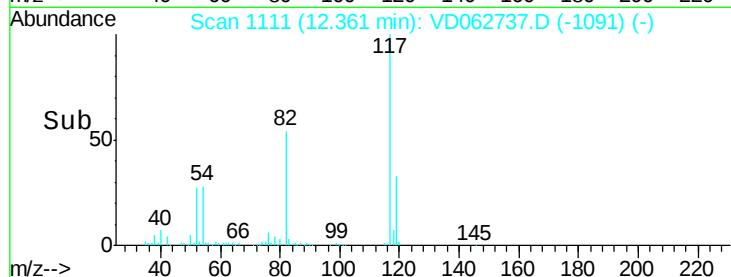
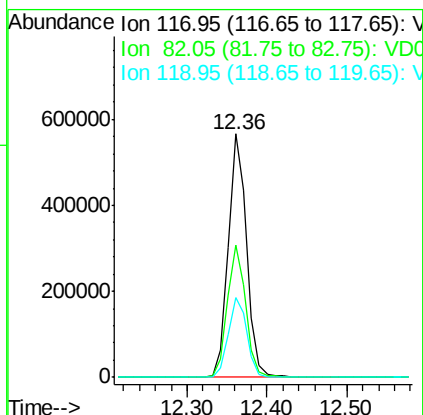
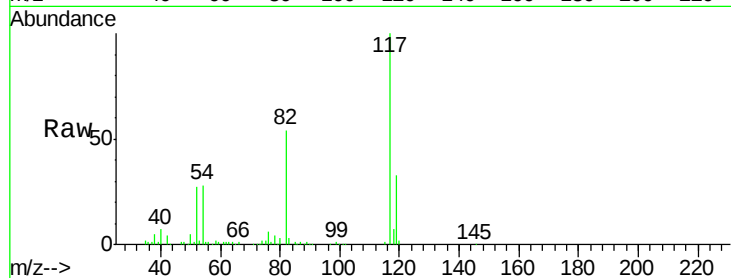




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.36 min Scan# 1111
Delta R.T. -0.00 min
Lab File: VD062737.D
Acq: 17 Jun 2019 20:00

Instrument :
MSVOA_D
ClientSampleId :
TP-D

Tot Ion:117 Resp: 921750
Ion Ratio Lower Upper
117 100
82 54.3 48.7 73.1
119 32.5 27.0 40.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.52 min Scan# 1330
Delta R.T. -0.00 min
Lab File: VD062737.D
Acq: 17 Jun 2019 20:00

Tgt Ion:152 Resp: 515233
Ion Ratio Lower Upper
152 100
115 56.2 30.1 90.5
150 155.4 0.0 314.0

