

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD061019\
 Data File : VD062654.D
 Acq On : 10 Jun 2019 15:33
 Operator : VA/AP
 Sample : K3273-15
 Misc : 5.00g/5ml/MSVOA D/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-7_1.0-1.5_060719

Quant Time: Jun 11 07:54:46 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	618298	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.22	114	818563	50.00	ug/l	0.00
63) Chlorobenzene-d5	12.36	117	677211	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.52	152	357126	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	325471	36.48	ug/l	0.00
Spiked Amount 50.000			Recovery	=	72.96%	
35) Dibromofluoromethane	6.92	113	334036	38.69	ug/l	0.00
Spiked Amount 50.000			Recovery	=	77.38%	
50) Toluene-d8	10.40	98	599332	33.00	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	66.00%	
62) 4-Bromofluorobenzene	13.55	95	302388	35.69	ug/l	0.00
Spiked Amount 50.000			Recovery	=	71.38%	

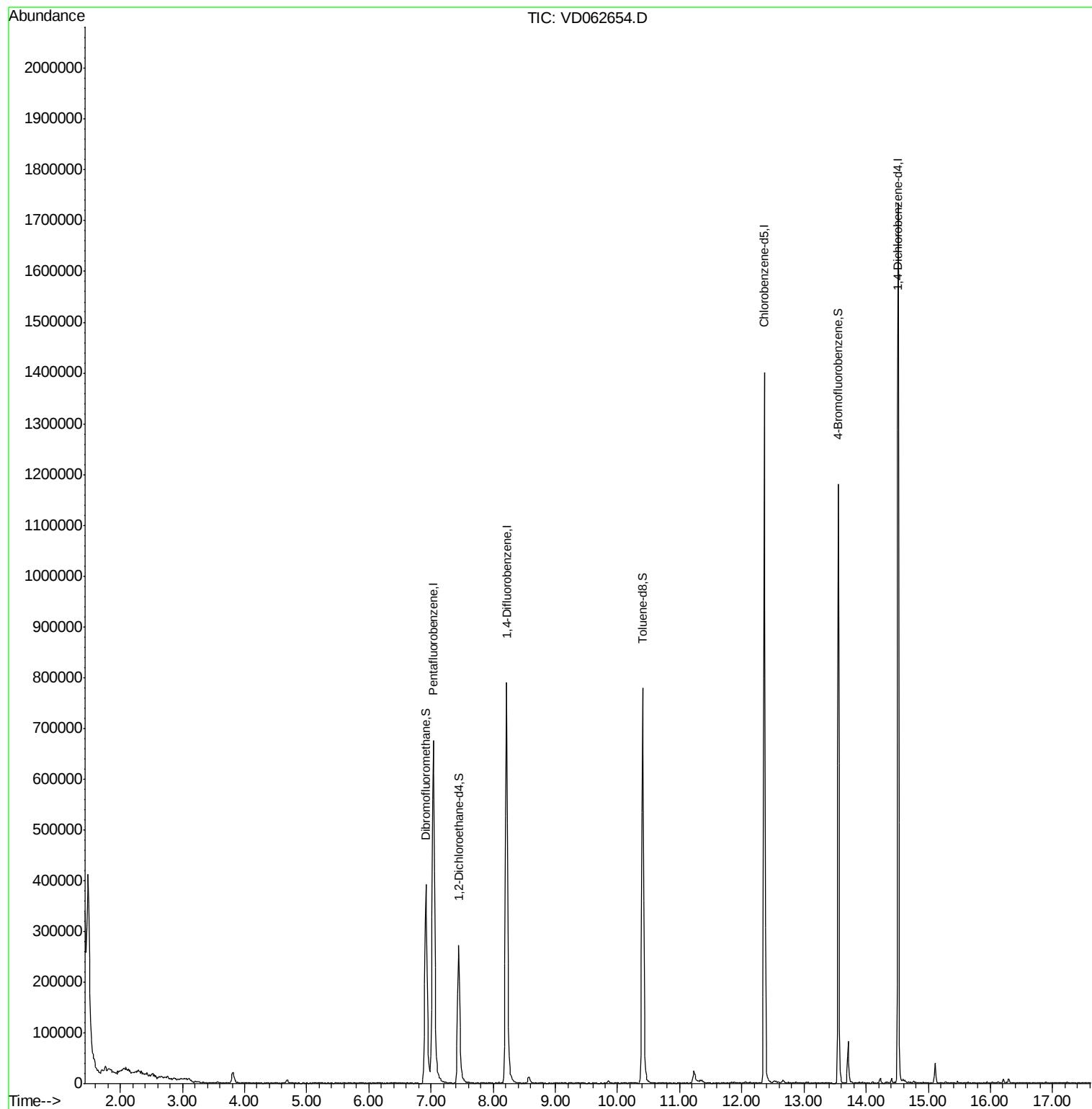
Target Compounds	Qvalue
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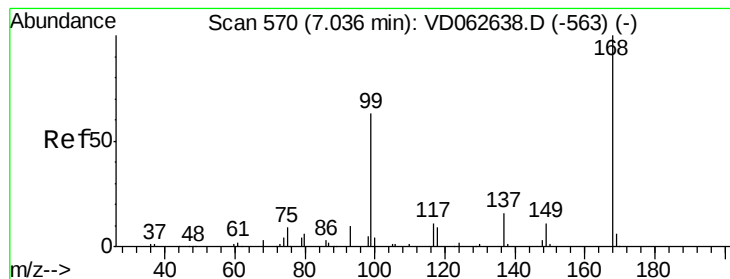
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Sat Jun 08 00:02:21 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.04 min Scan# 570

Delta R.T. -0.00 min

Lab File: VD062654.D

Acq: 10 Jun 2019 15:33

Instrument :

MSVOA_D

ClientSampleId :

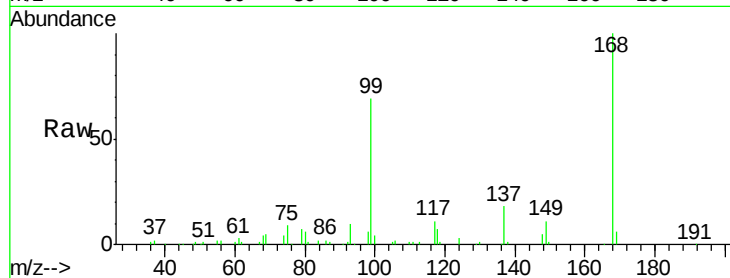
SB-7_1.0-1.5_060719

Tot Ion:168 Resp: 618298

Ion Ratio Lower Upper

168 100

99 69.0 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

250000

200000

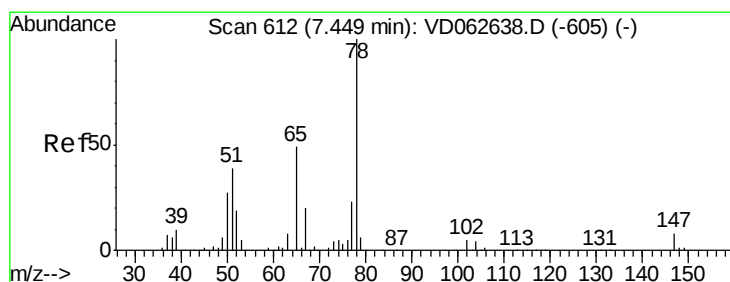
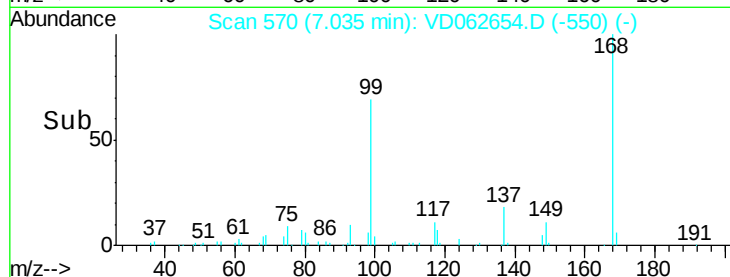
150000

100000

50000

0

Time-->



#33

1,2-Dichloroethane-d4

Concen: 36.480 ug/l

RT: 7.45 min Scan# 612

Delta R.T. -0.00 min

Lab File: VD062654.D

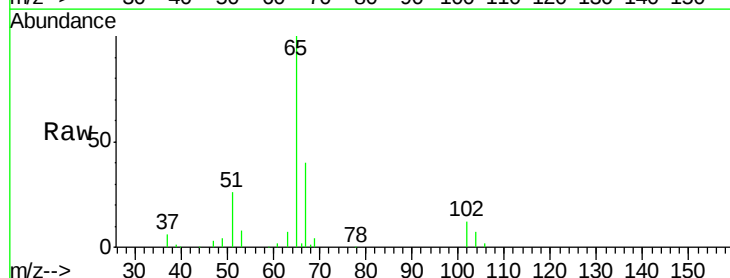
Acq: 10 Jun 2019 15:33

Tgt Ion: 65 Resp: 325471

Ion Ratio Lower Upper

65 100

67 40.1 0.0 81.8



Abundance Ion 64.95 (64.65 to 65.65): VDC

Ion 66.90 (66.60 to 67.60): VDC

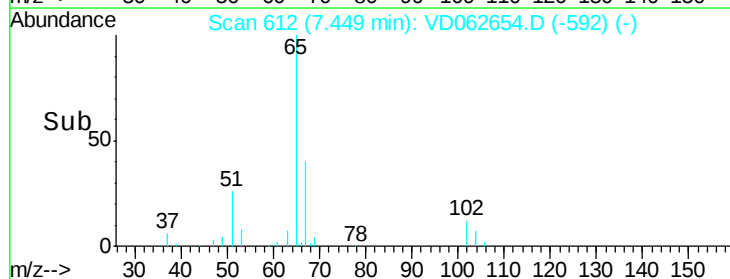
7.45

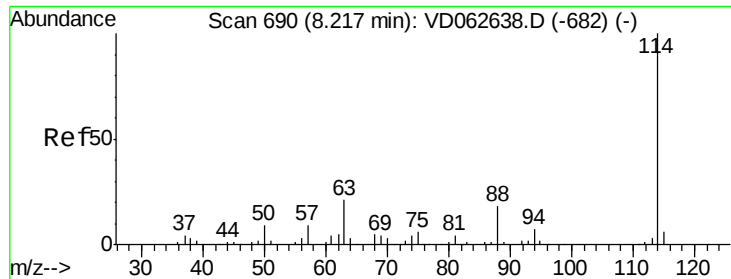
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50000

0

Time-->

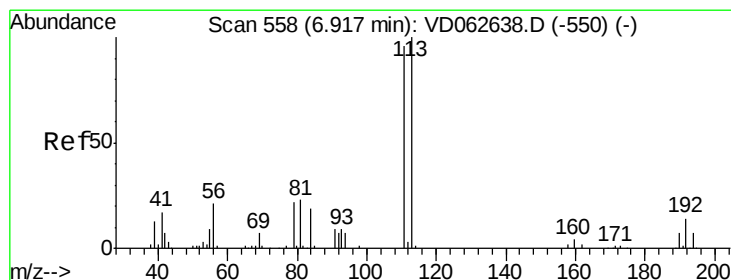
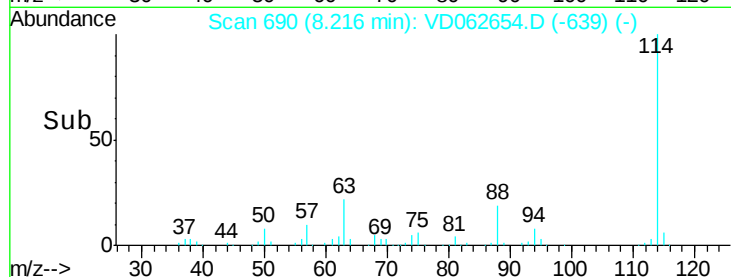
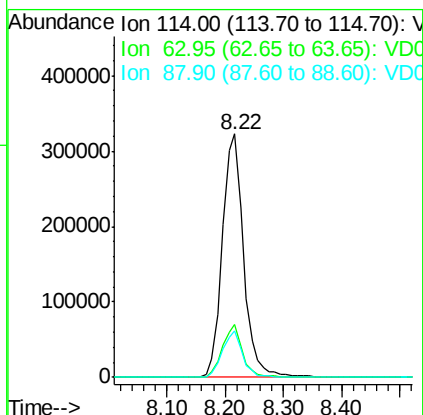
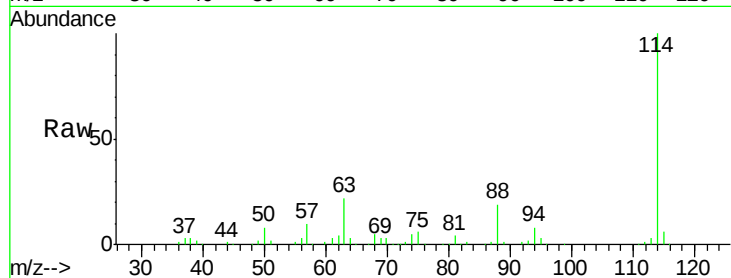




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.22 min Scan# 690
 Delta R.T. -0.00 min
 Lab File: VD062654.D
 Acq: 10 Jun 2019 15:33

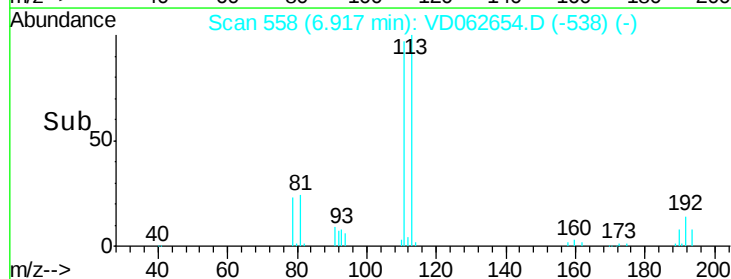
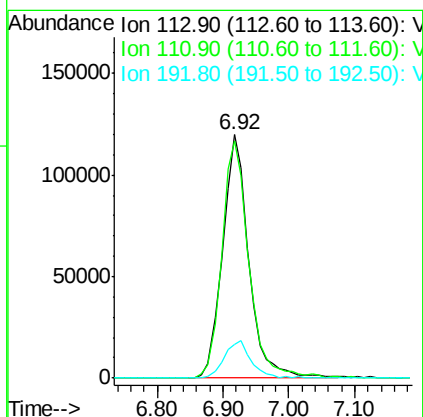
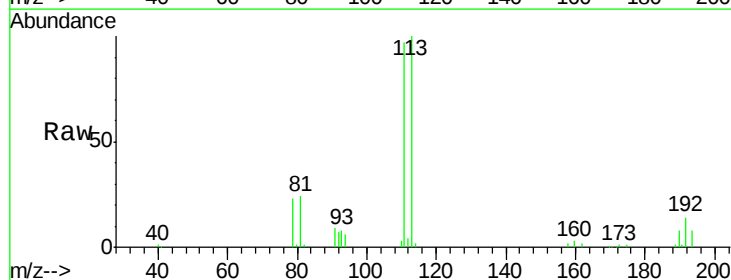
Instrument :
 MSVOA_D
 ClientSampleId :
 SB-7_1.0-1.5_060719

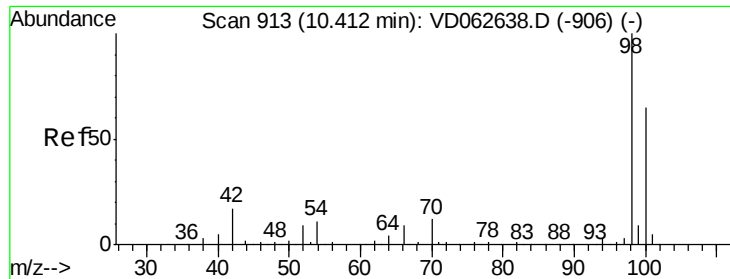
Tot Ion:114 Resp: 818563
 Ion Ratio Lower Upper
 114 100
 63 21.8 0.0 42.4
 88 19.1 0.0 36.8



#35
 Dibromofluoromethane
 Concen: 38.694 ug/l
 RT: 6.92 min Scan# 558
 Delta R.T. -0.00 min
 Lab File: VD062654.D
 Acq: 10 Jun 2019 15:33

Tgt Ion:113 Resp: 334036
 Ion Ratio Lower Upper
 113 100
 111 97.3 76.4 114.6
 192 14.0 11.4 17.0





#50

Toluene-d8

Concen: 33.002 ug/l

RT: 10.40 min Scan# 912

Delta R.T. -0.01 min

Lab File: VD062654.D

Acq: 10 Jun 2019 15:33

Instrument :

MSVOA_D

ClientSampleId :

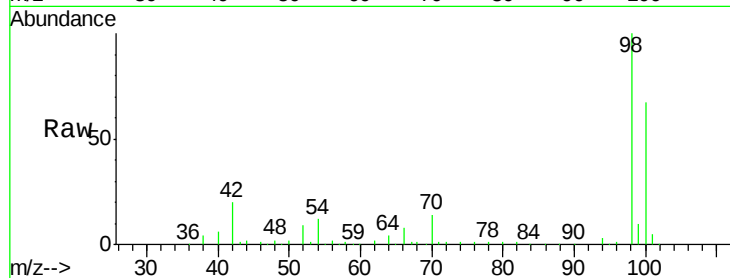
SB-7_1.0-1.5_060719

Tot Ion: 98 Resp: 599332

Ion Ratio Lower Upper

98 100

100 67.4 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

250000

200000

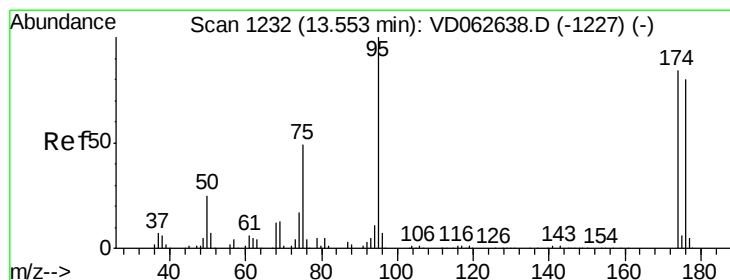
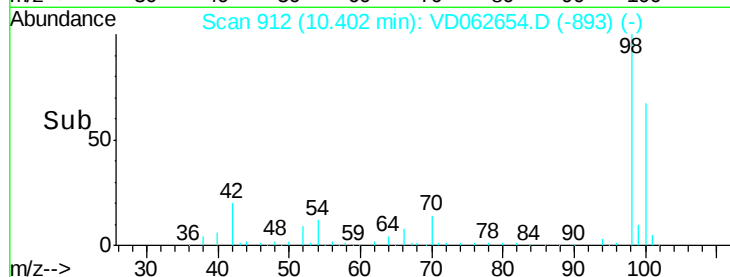
150000

100000

50000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 35.691 ug/l

RT: 13.55 min Scan# 1232

Delta R.T. -0.00 min

Lab File: VD062654.D

Acq: 10 Jun 2019 15:33

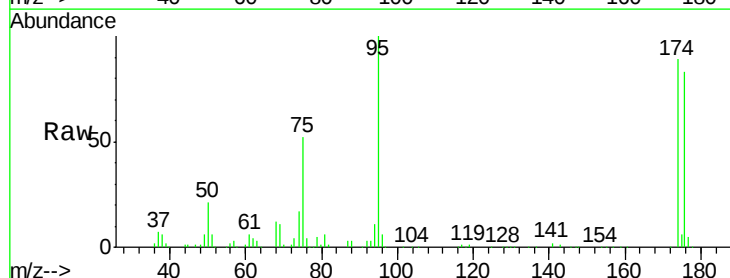
Tgt Ion: 95 Resp: 302388

Ion Ratio Lower Upper

95 100

174 88.5 0.0 167.0

176 83.1 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

250000

200000

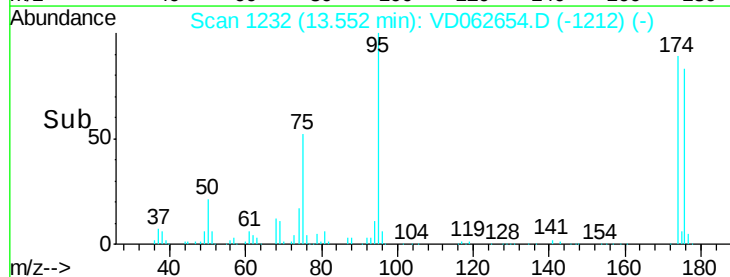
150000

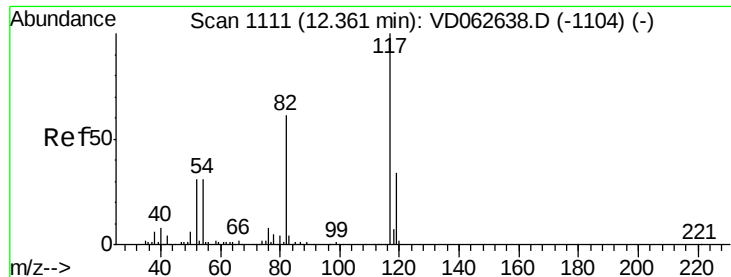
100000

50000

0

Time-->

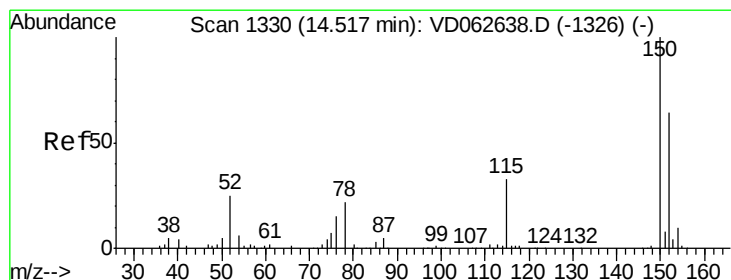
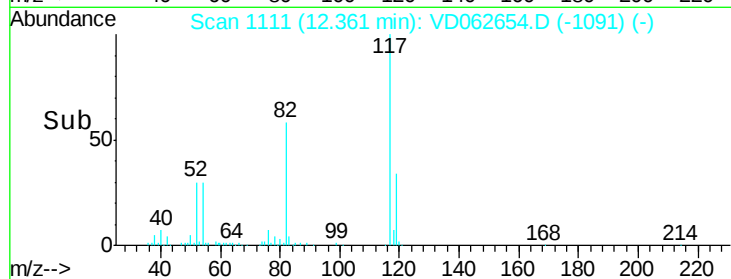
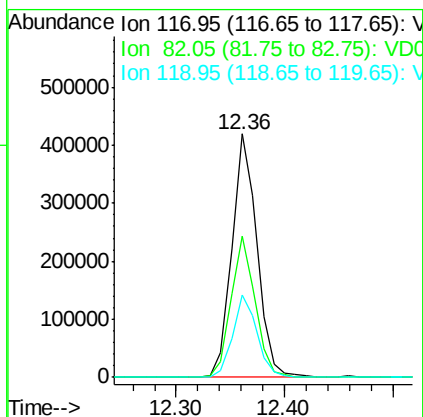
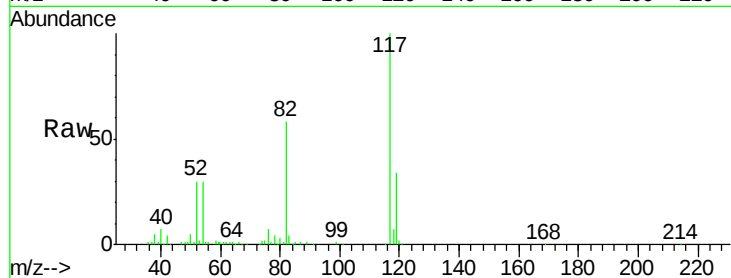




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.36 min Scan# 1111
Delta R.T. -0.00 min
Lab File: VD062654.D
Acq: 10 Jun 2019 15:33

Instrument :
MSVOA_D
ClientSampleId :
SB-7_1.0-1.5_060719

Tot Ion:117 Resp: 677211
Ion Ratio Lower Upper
117 100
82 58.1 48.7 73.1
119 34.1 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: VD062654.D
Acq: 10 Jun 2019 15:33

Tgt Ion:152 Resp: 357126
Ion Ratio Lower Upper
152 100
115 56.4 30.1 90.5
150 155.9 0.0 314.0

