

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD061219\
 Data File : VD062677.D
 Acq On : 12 Jun 2019 16:36
 Operator : VA/AP
 Sample : K3273-15
 Misc : 4.73g/5ml/MSVOA D/SOIL
 ALS Vial : 13 Sample Multiplier: 1

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

Quant Time: Jun 13 07:51:30 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	641614	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.21	114	904717	50.00	ug/l	-0.01
63) Chlorobenzene-d5	12.36	117	743558	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.51	152	422120	50.00	ug/l	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	7.44	65	319562	34.52	ug/l	-0.01
Spiked Amount			Recovery	=	69.04%	
35) Dibromofluoromethane	6.91	113	353010	37.00	ug/l	-0.01
Spiked Amount			Recovery	=	74.00%	
50) Toluene-d8	10.40	98	695752	34.66	ug/l	-0.01
Spiked Amount			Recovery	=	69.32%	
62) 4-Bromofluorobenzene	13.55	95	354871	37.90	ug/l	0.00
Spiked Amount			Recovery	=	75.80%	

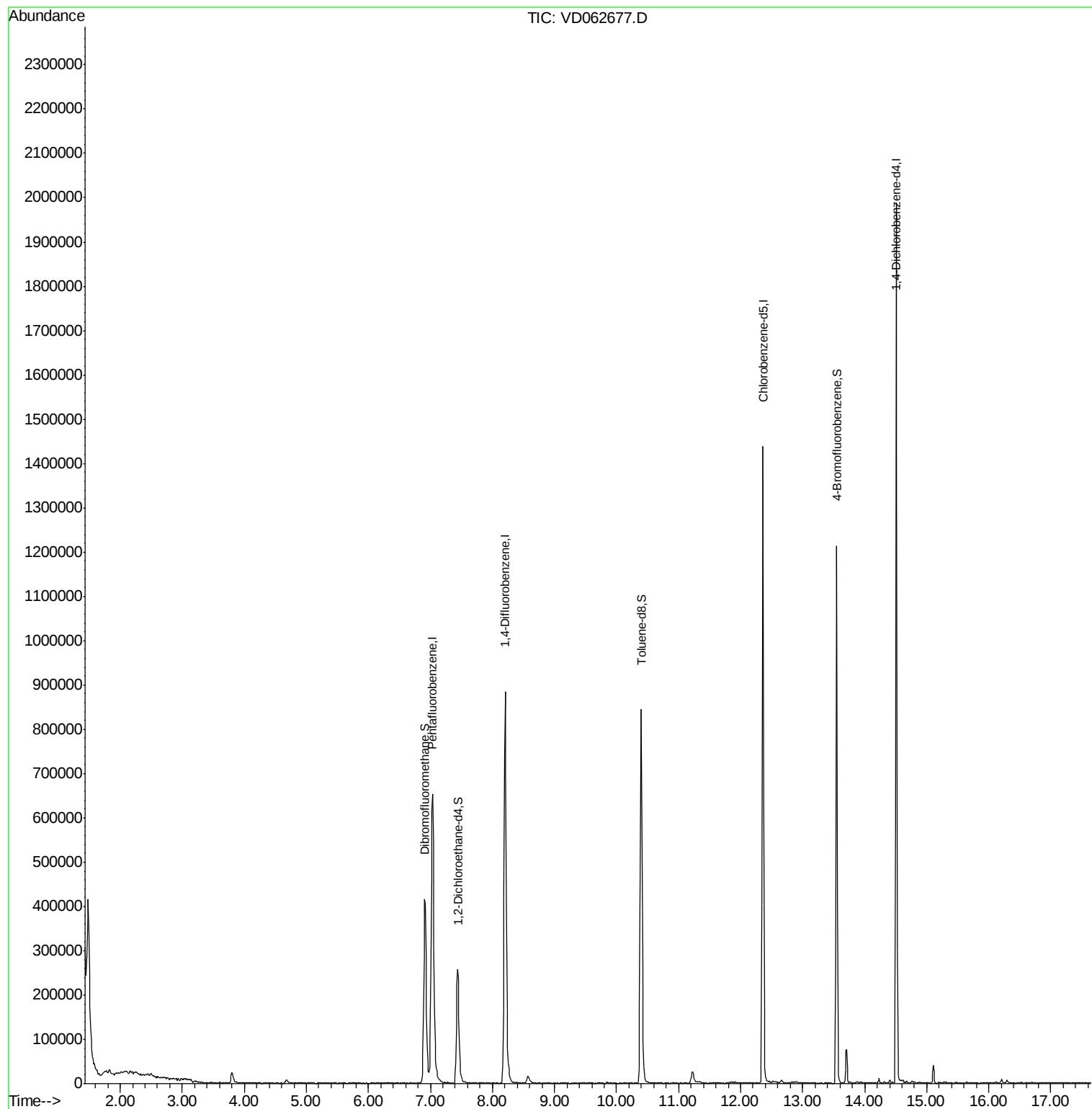
Target Compounds	Qvalue
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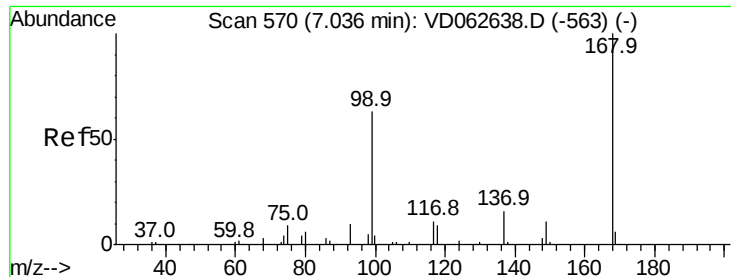
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VD062677.D

Acq: 12 Jun 2019 16:36

Instrument :

MSVOA_D

ClientSampleId :

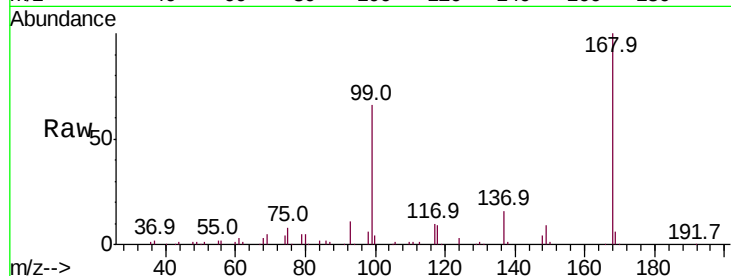
SB-7_1.0-1.5_060719

Tot Ion:168 Resp: 641614

Ion Ratio Lower Upper

168 100

99 65.7 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

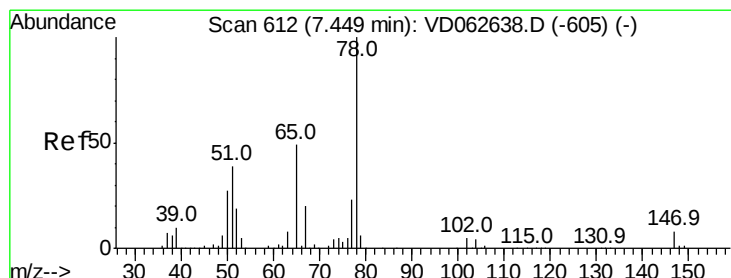
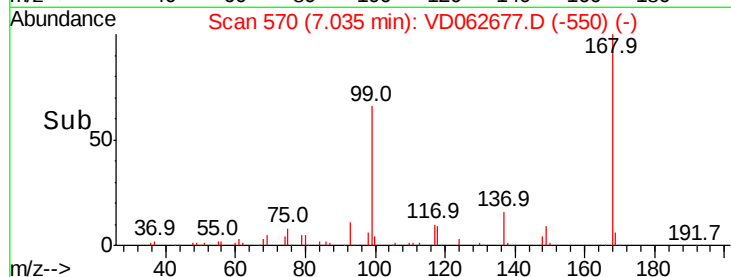
100000

50000

0

Time-->

6.90 7.00 7.10 7.20



#33

1,2-Dichloroethane-d4

Concen: 34.516 ug/l

RT: 7.44 min Scan# 611

Delta R.T. -0.01 min

Lab File: VD062677.D

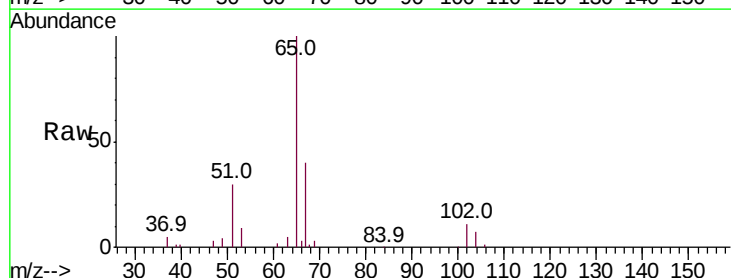
Acq: 12 Jun 2019 16:36

Tgt Ion: 65 Resp: 319562

Ion Ratio Lower Upper

65 100

67 39.9 0.0 81.8



Abundance Ion 64.95 (64.65 to 65.65): VDC

Ion 66.90 (66.60 to 67.60): VDC

7.44

120000

100000

80000

60000

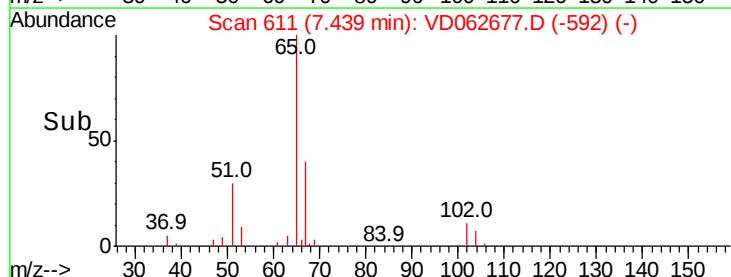
40000

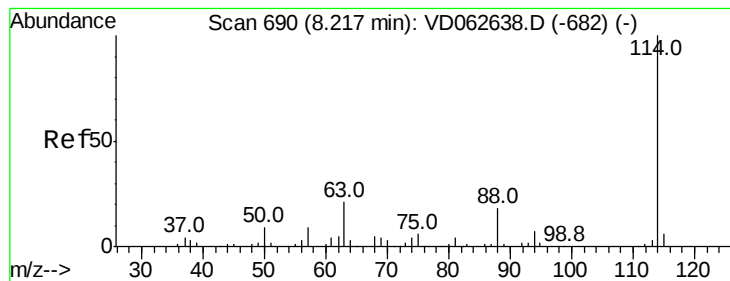
20000

0

Time-->

7.30 7.40 7.50 7.60





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.21 min Scan# 689

Delta R.T. -0.01 min

Lab File: VD062677.D

Acq: 12 Jun 2019 16:36

Instrument :

MSVOA_D

ClientSampleId :

SB-7_1.0-1.5_060719

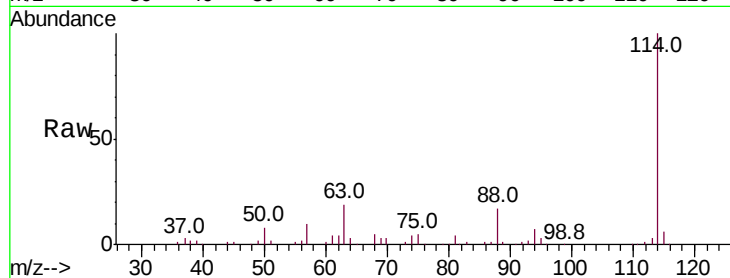
Tot Ion:114 Resp: 904717

Ion Ratio Lower Upper

114 100

63 19.5 0.0 42.4

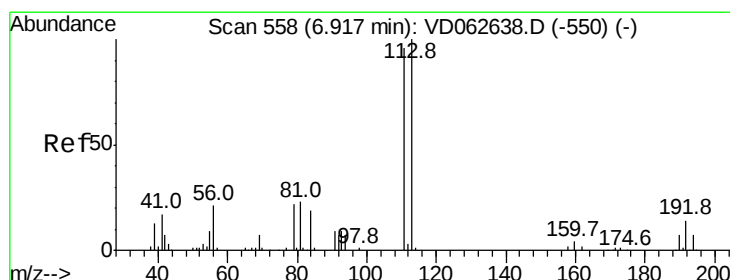
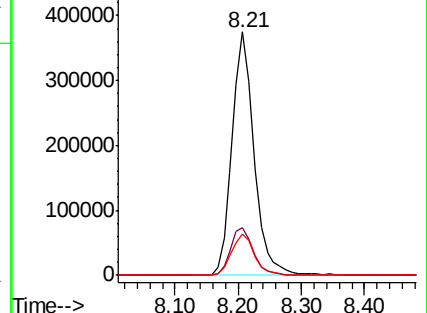
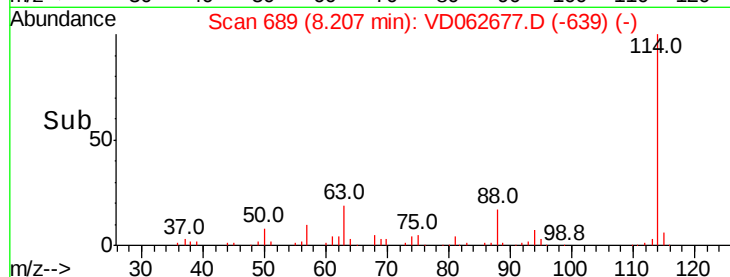
88 16.8 0.0 36.8



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: 36.998 ug/l

RT: 6.91 min Scan# 557

Delta R.T. -0.01 min

Lab File: VD062677.D

Acq: 12 Jun 2019 16:36

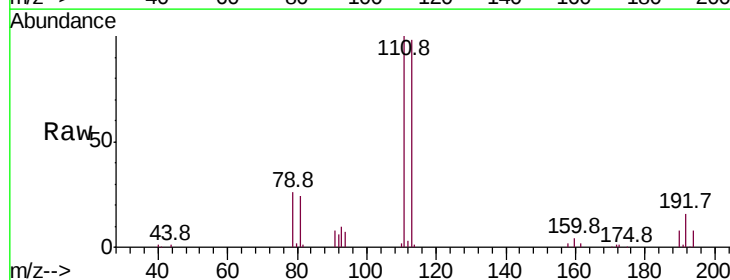
Tgt Ion:113 Resp: 353010

Ion Ratio Lower Upper

113 100

111 102.2 76.4 114.6

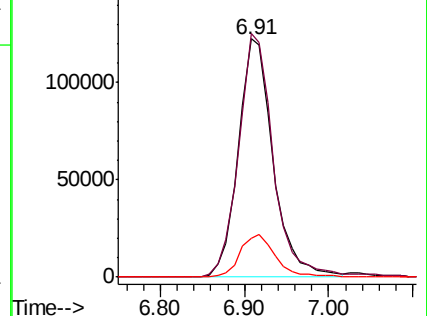
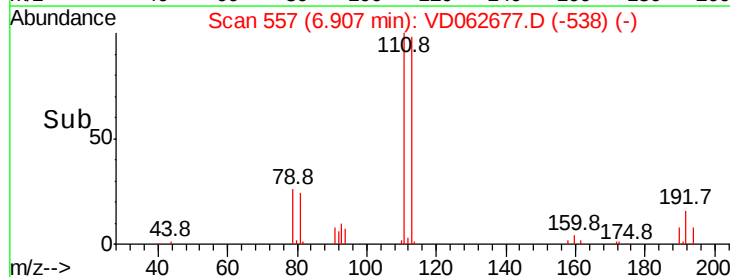
192 16.3 11.4 17.0

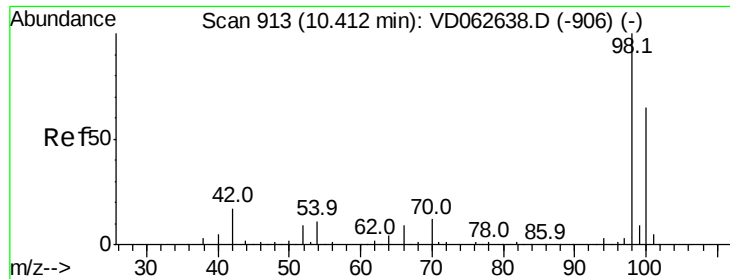


Abundance Ion 112.90 (112.60 to 113.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 191.80 (191.50 to 192.50): V





#50

Toluene-d8

Concen: 34.663 ug/l

RT: 10.40 min Scan# 912

Delta R.T. -0.01 min

Lab File: VD062677.D

Acq: 12 Jun 2019 16:36

Instrument :

MSVOA_D

ClientSampleId :

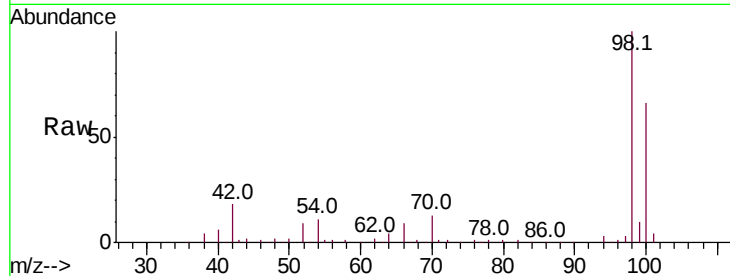
SB-7_1.0-1.5_060719

Tot Ion: 98 Resp: 695752

Ion Ratio Lower Upper

98 100

100 66.2 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

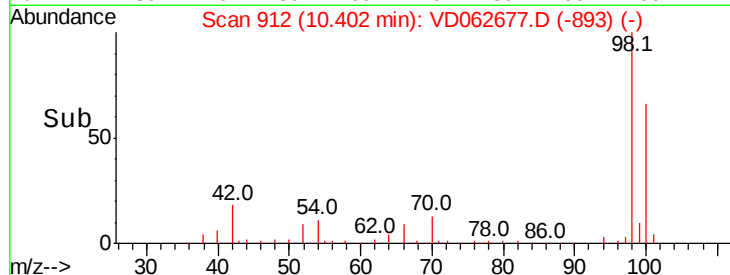
300000

200000

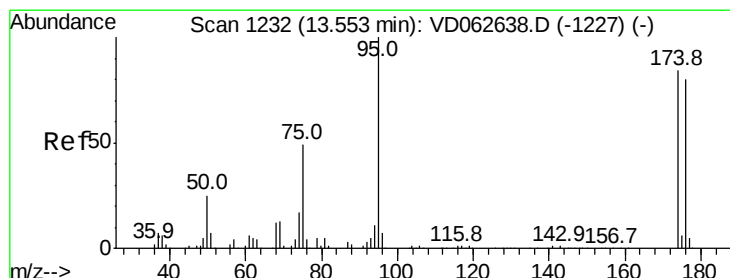
100000

0

Time-->



Time-->



#62

4-Bromofluorobenzene

Concen: 37.897 ug/l

RT: 13.55 min Scan# 1232

Delta R.T. -0.00 min

Lab File: VD062677.D

Acq: 12 Jun 2019 16:36

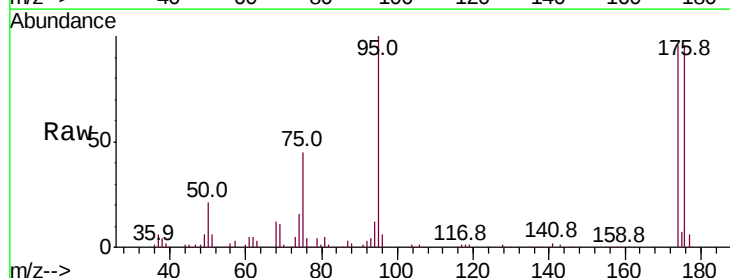
Tgt Ion: 95 Resp: 354871

Ion Ratio Lower Upper

95 100

174 95.8 0.0 167.0

176 96.5 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

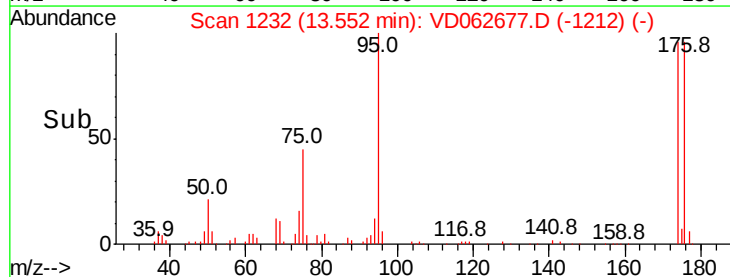
150000

100000

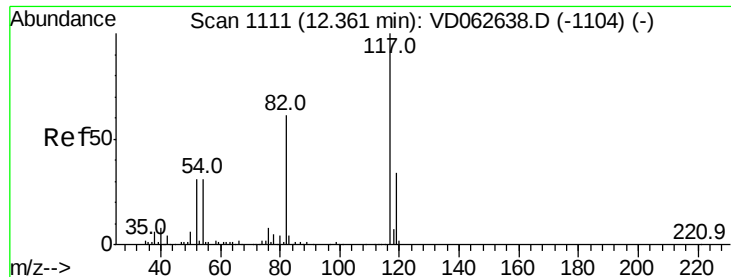
50000

0

Time-->



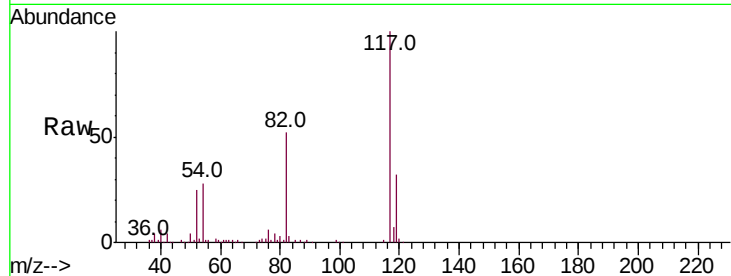
Time-->



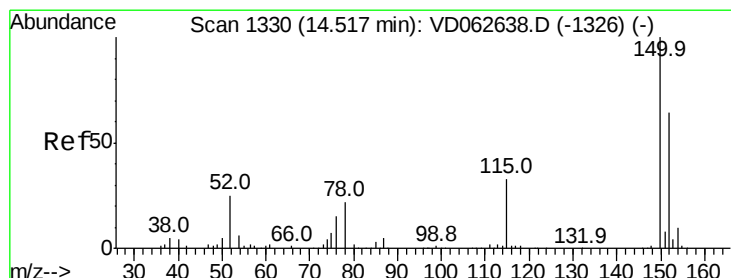
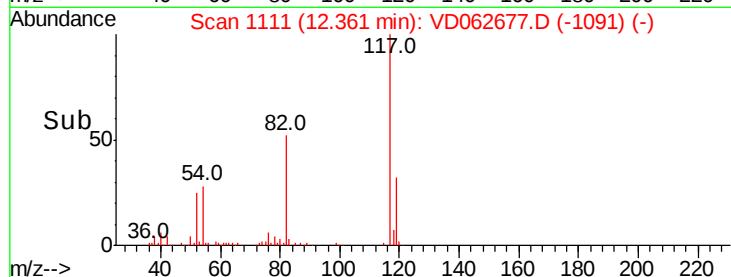
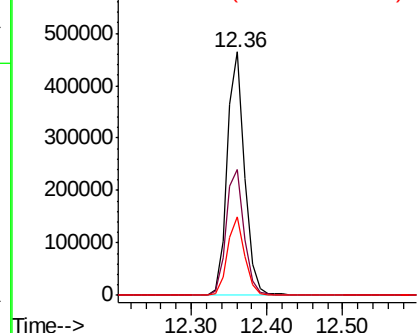
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.36 min Scan# 1111
Delta R.T. -0.00 min
Lab File: VD062677.D
Acq: 12 Jun 2019 16:36

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

Tot Ion:117 Resp: 743558
Ion Ratio Lower Upper
117 100
82 51.8 48.7 73.1
119 32.3 27.0 40.6

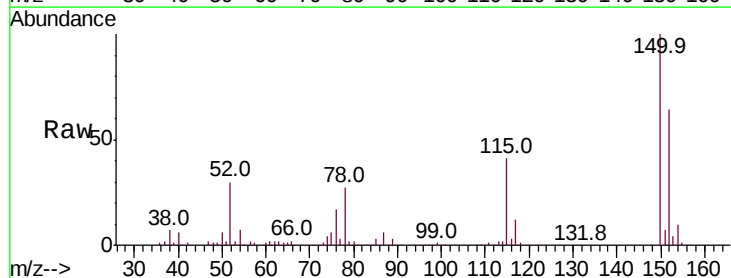


Abundance Ion 116.95 (116.65 to 117.65): V
Ion 82.05 (81.75 to 82.75): V
Ion 118.95 (118.65 to 119.65): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.51 min Scan# 1329
Delta R.T. -0.01 min
Lab File: VD062677.D
Acq: 12 Jun 2019 16:36

Tgt Ion:152 Resp: 422120
Ion Ratio Lower Upper
152 100
115 64.0 30.1 90.5
150 155.1 0.0 314.0



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

