

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD061819\
 Data File : VD062752.D
 Acq On : 18 Jun 2019 16:25
 Operator : VA/AP
 Sample : K3382-05
 Misc : 5.10g/5ml/MSVOA D/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 GRAVEL-1

Quant Time: Jun 19 06:32:44 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	7.05	168	736712	50.00	ug/l	0.02
34) 1,4-Difluorobenzene	8.22	114	1079311	50.00	ug/l	0.00
63) Chlorobenzene-d5	12.37	117	858105	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.52	152	491309	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	7.46	65	486611	45.77	ug/l	0.00
Spiked Amount			Recovery	=	91.54%	
35) Dibromofluoromethane	6.92	113	517738	45.48	ug/l	0.00
Spiked Amount			Recovery	=	90.96%	
50) Toluene-d8	10.41	98	1060948	44.31	ug/l	0.00
Spiked Amount			Recovery	=	88.62%	
62) 4-Bromofluorobenzene	13.56	95	497846	44.56	ug/l	0.00
Spiked Amount			Recovery	=	89.12%	

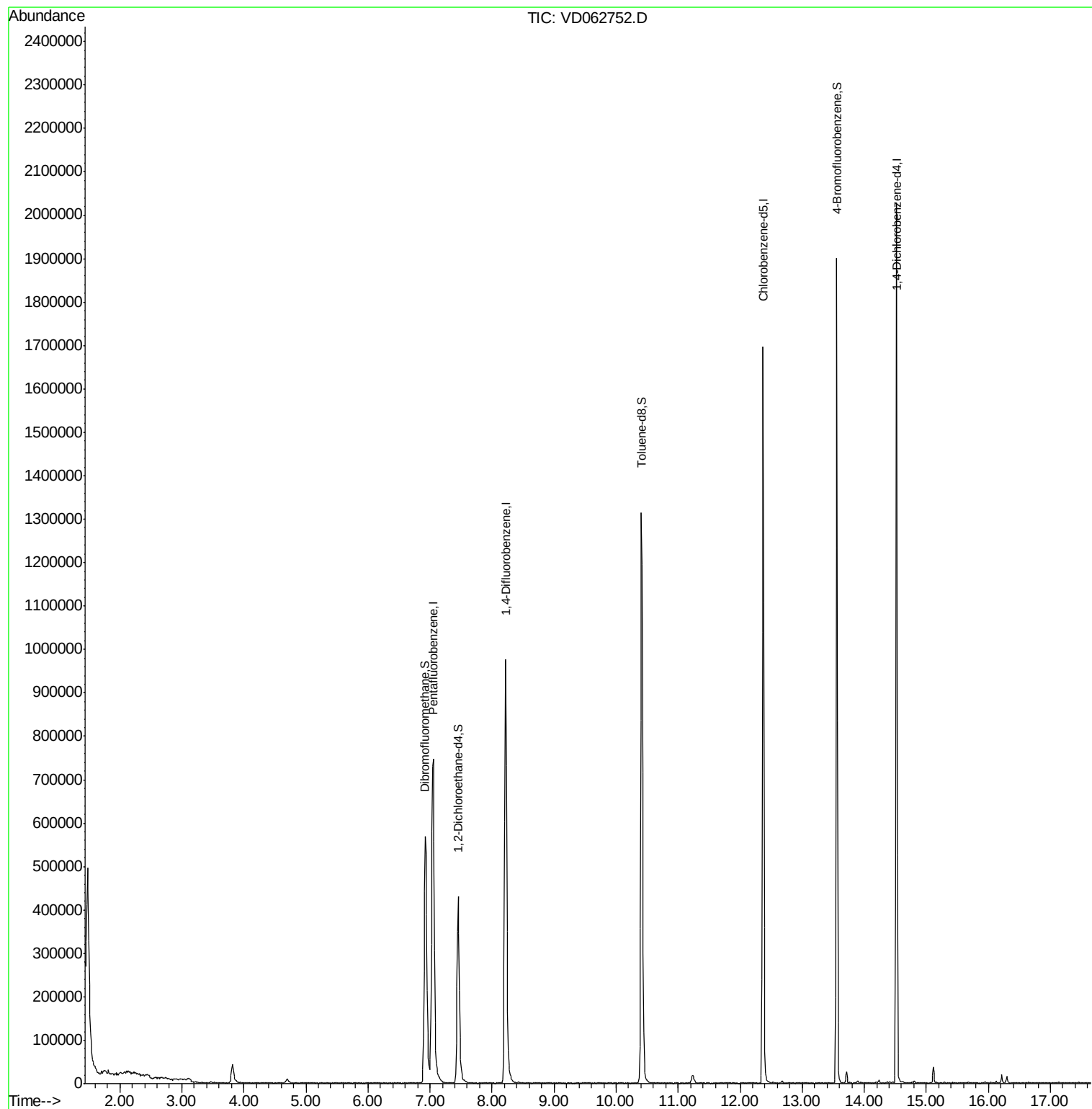
Target Compounds	Qvalue
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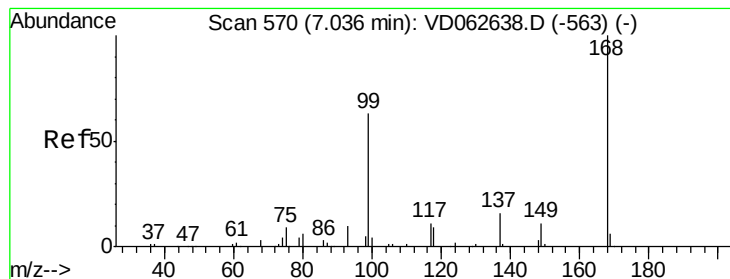
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: 7.05 min Scan# 571

Delta R.T. 0.02 min

Lab File: VD062752.D

Acq: 18 Jun 2019 16:25

Instrument :

MSVOA_D

ClientSampleId :

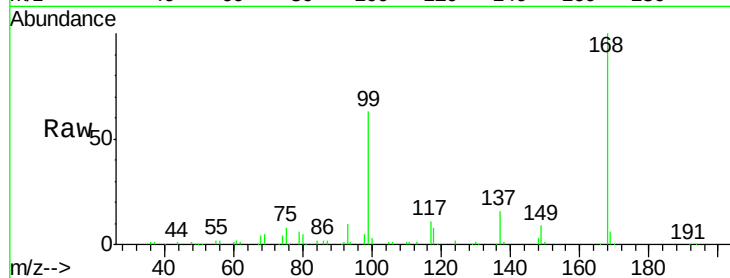
GRAVEL-1

Tot Ion:168 Resp: 736712

Ion Ratio Lower Upper

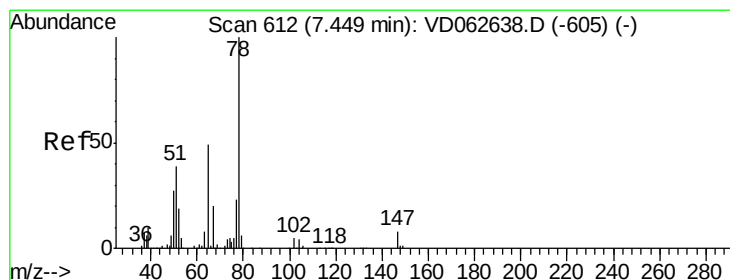
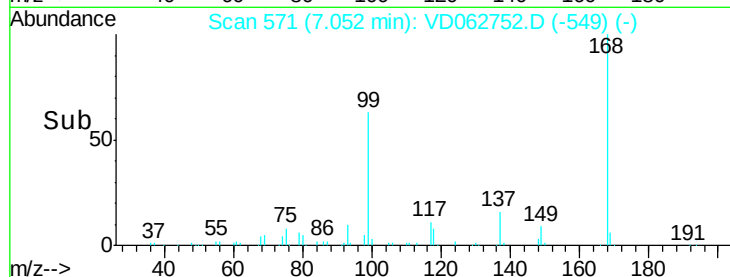
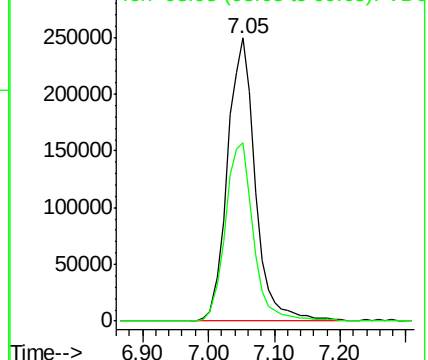
168 100

99 63.2 51.4 77.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC



#33

1,2-Dichloroethane-d4

Concen: 45.774 ug/l

RT: 7.46 min Scan# 612

Delta R.T. 0.01 min

Lab File: VD062752.D

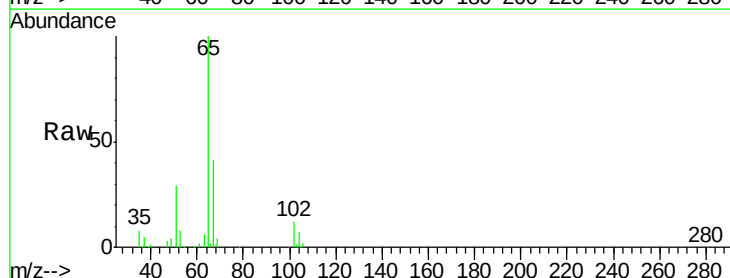
Acq: 18 Jun 2019 16:25

Tgt Ion: 65 Resp: 486611

Ion Ratio Lower Upper

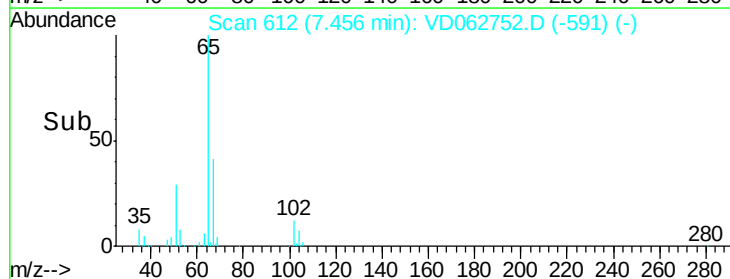
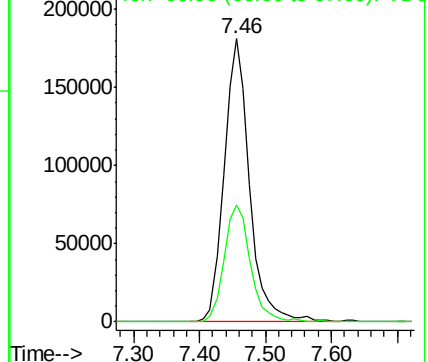
65 100

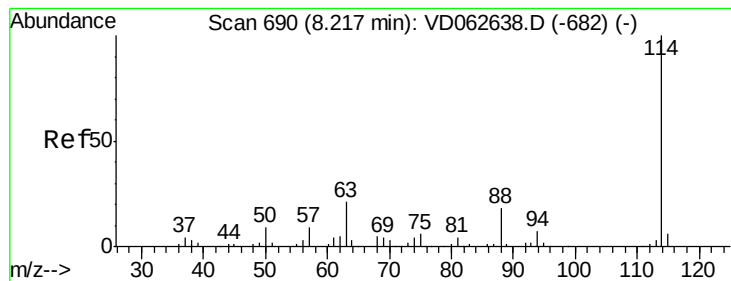
67 41.2 0.0 81.8



Abundance Ion 64.95 (64.65 to 65.65): VDC

Ion 66.90 (66.60 to 67.60): VDC





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.22 min Scan# 690

Delta R.T. 0.01 min

Lab File: VD062752.D

Acq: 18 Jun 2019 16:25

Instrument :

MSVOA_D

ClientSampled :

GRAVEL-1

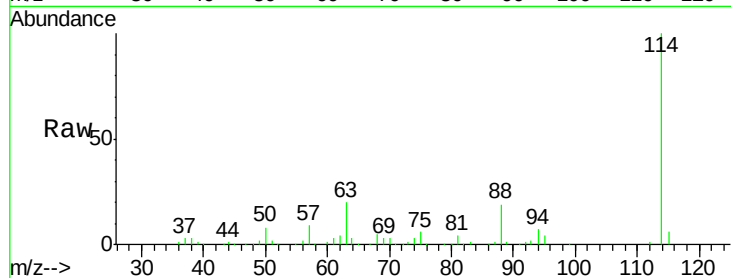
Tot Ion:114 Resp: 1079311

Ion Ratio Lower Upper

114 100

63 20.4 0.0 42.4

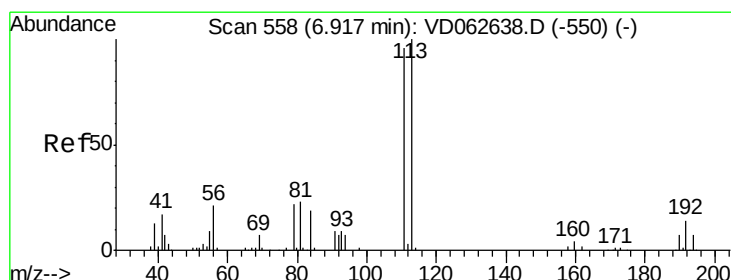
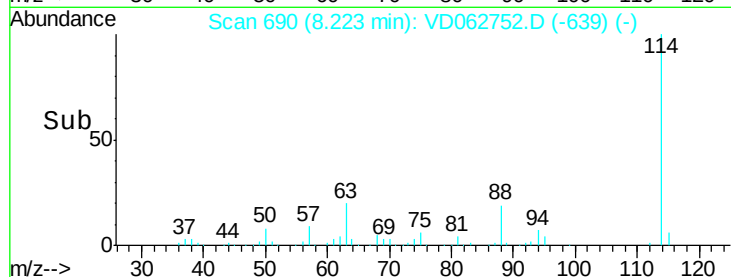
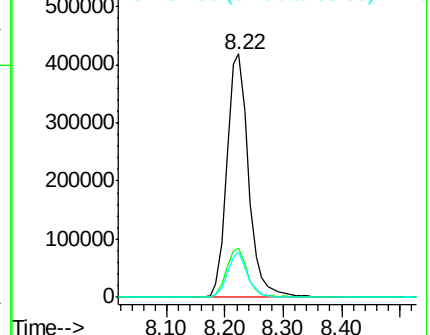
88 18.6 0.0 36.8



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: 45.484 ug/l

RT: 6.92 min Scan# 558

Delta R.T. 0.01 min

Lab File: VD062752.D

Acq: 18 Jun 2019 16:25

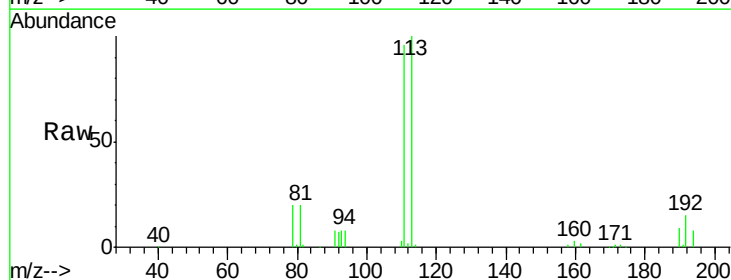
Tgt Ion:113 Resp: 517738

Ion Ratio Lower Upper

113 100

111 96.2 76.4 114.6

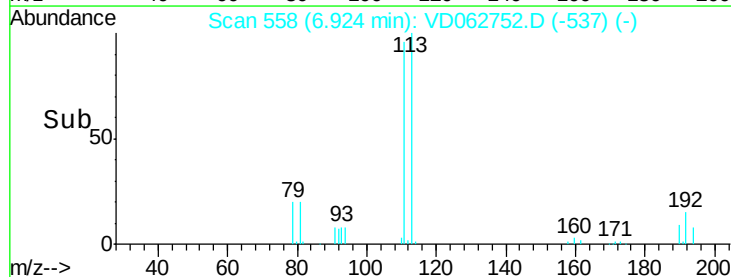
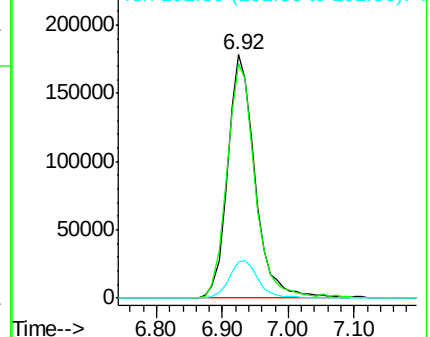
192 15.1 11.4 17.0

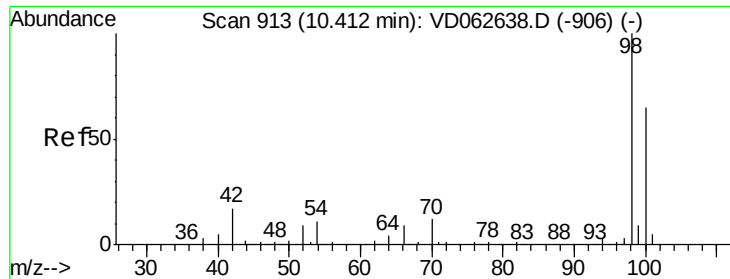


Abundance Ion 112.90 (112.60 to 113.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 191.80 (191.50 to 192.50): V





#50

Toluene-d8

Concen: 44.307 ug/l

RT: 10.41 min Scan# 912

Delta R.T. -0.00 min

Lab File: VD062752.D

Acq: 18 Jun 2019 16:25

Instrument :

MSVOA_D

ClientSampleId :

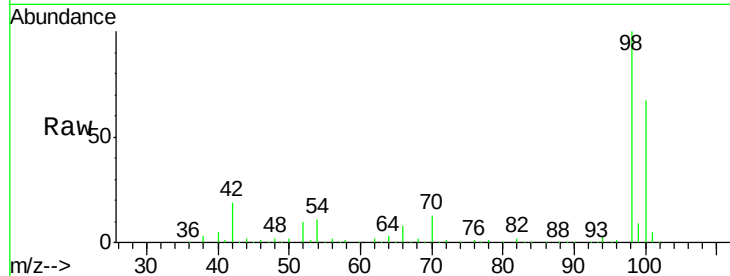
GRAVEL-1

Tot Ion: 98 Resp: 1060948

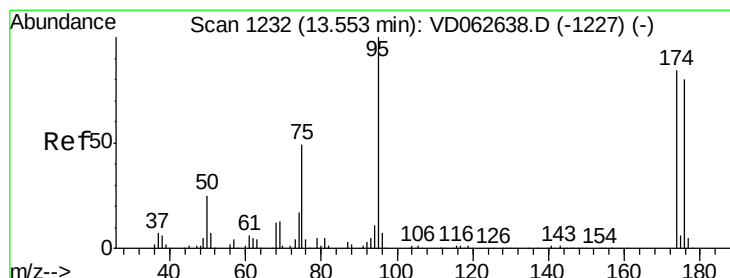
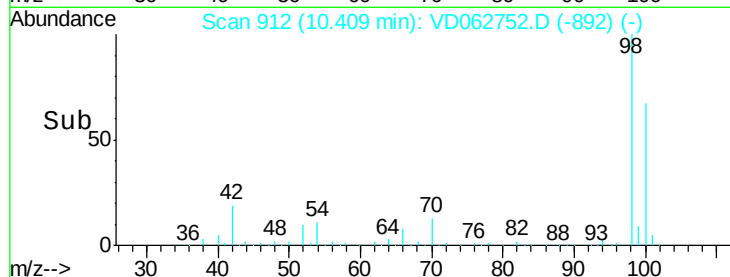
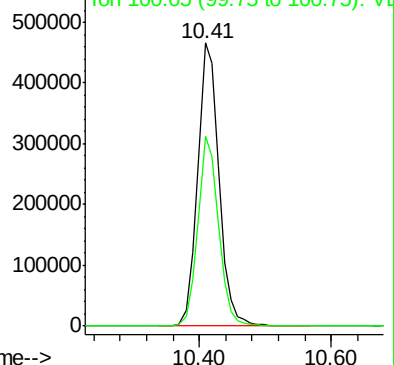
Ion Ratio Lower Upper

98 100

100 67.0 52.1 78.1



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



#62

4-Bromofluorobenzene

Concen: 44.565 ug/l

RT: 13.56 min Scan# 1232

Delta R.T. 0.01 min

Lab File: VD062752.D

Acq: 18 Jun 2019 16:25

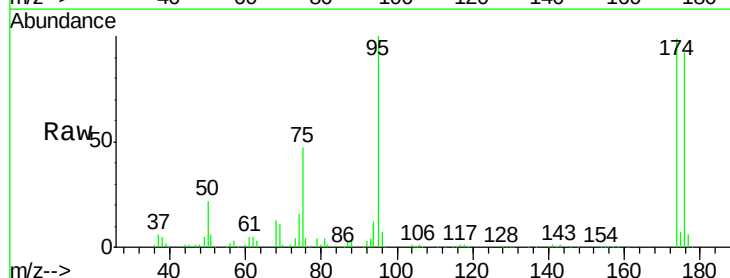
Tgt Ion: 95 Resp: 497846

Ion Ratio Lower Upper

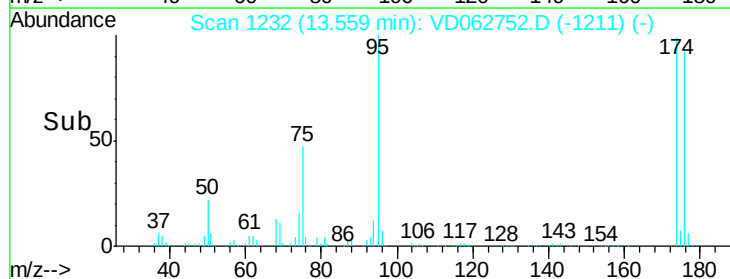
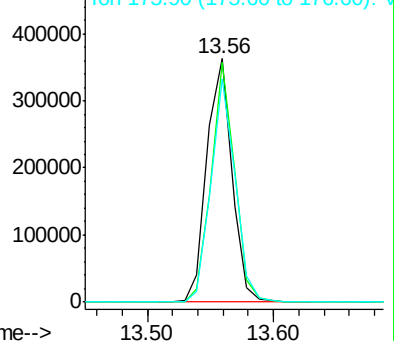
95 100

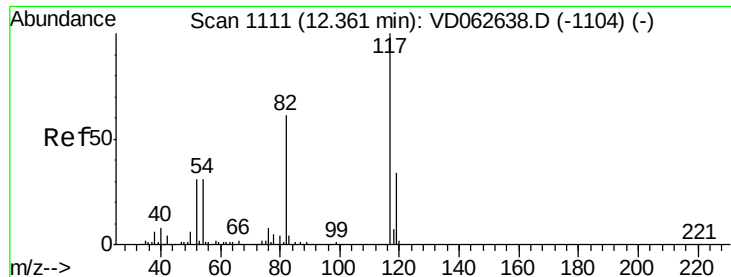
174 98.6 0.0 167.0

176 91.8 0.0 159.2



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

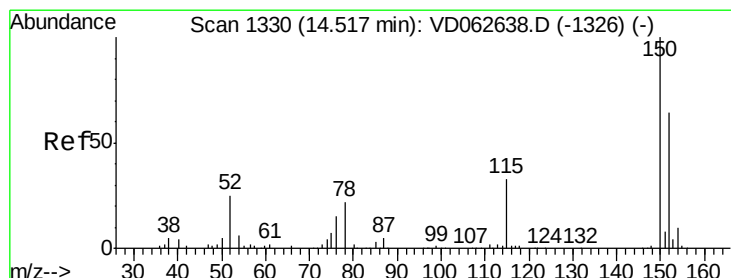
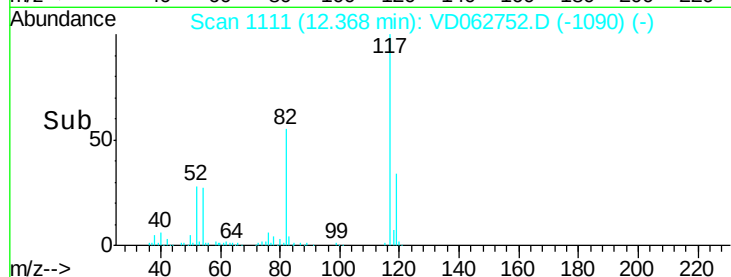
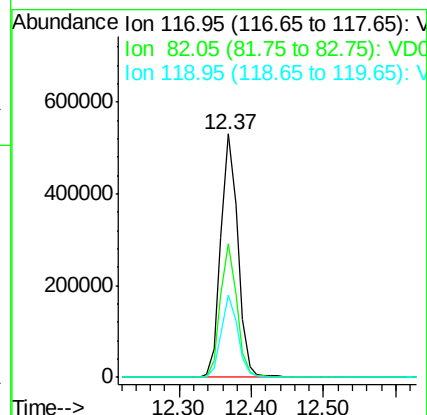
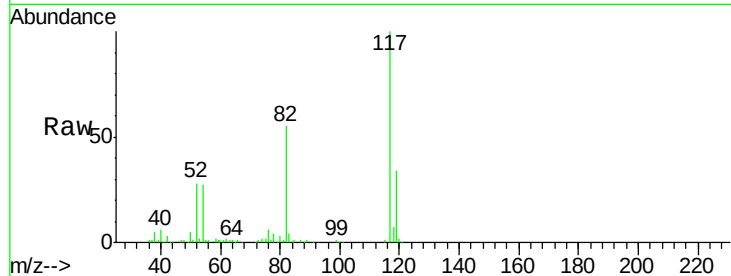




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.37 min Scan# 1111
Delta R.T. 0.01 min
Lab File: VD062752.D
Acq: 18 Jun 2019 16:25

Instrument :
MSVOA_D
ClientSampleId :
GRAVEL-1

Tot Ion:117 Resp: 858105
Ion Ratio Lower Upper
117 100
82 54.8 48.7 73.1
119 33.7 27.0 40.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.52 min Scan# 1330
Delta R.T. 0.01 min
Lab File: VD062752.D
Acq: 18 Jun 2019 16:25

Tgt Ion:152 Resp: 491309
Ion Ratio Lower Upper
152 100
115 53.2 30.1 90.5
150 154.7 0.0 314.0

