

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD061019\
 Data File : VD062659.D
 Acq On : 10 Jun 2019 17:49
 Operator : VA/AP
 Sample : K3273-20
 Misc : 4.96g/5ml/MSVOA D/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-10 1.0-1.5 060719

Quant Time: Jun 11 08:18:10 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	675664	50.00	ug/l	0.01
34) 1,4-Difluorobenzene	8.22	114	922481	50.00	ug/l	0.00
63) Chlorobenzene-d5	12.37	117	766757	50.00	ug/l	0.01
72) 1,4-Dichlorobenzene-d4	14.52	152	388723	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	322632	33.09	ug/l	0.00
Spiked Amount 50.000			Recovery	=	66.18%	
35) Dibromofluoromethane	6.92	113	356199	36.61	ug/l	0.00
Spiked Amount 50.000			Recovery	=	73.22%	
50) Toluene-d8	10.41	98	685197	33.48	ug/l	0.00
Spiked Amount 50.000			Recovery	=	66.96%	
62) 4-Bromofluorobenzene	13.55	95	313311	32.81	ug/l	0.00
Spiked Amount 50.000			Recovery	=	65.62%	

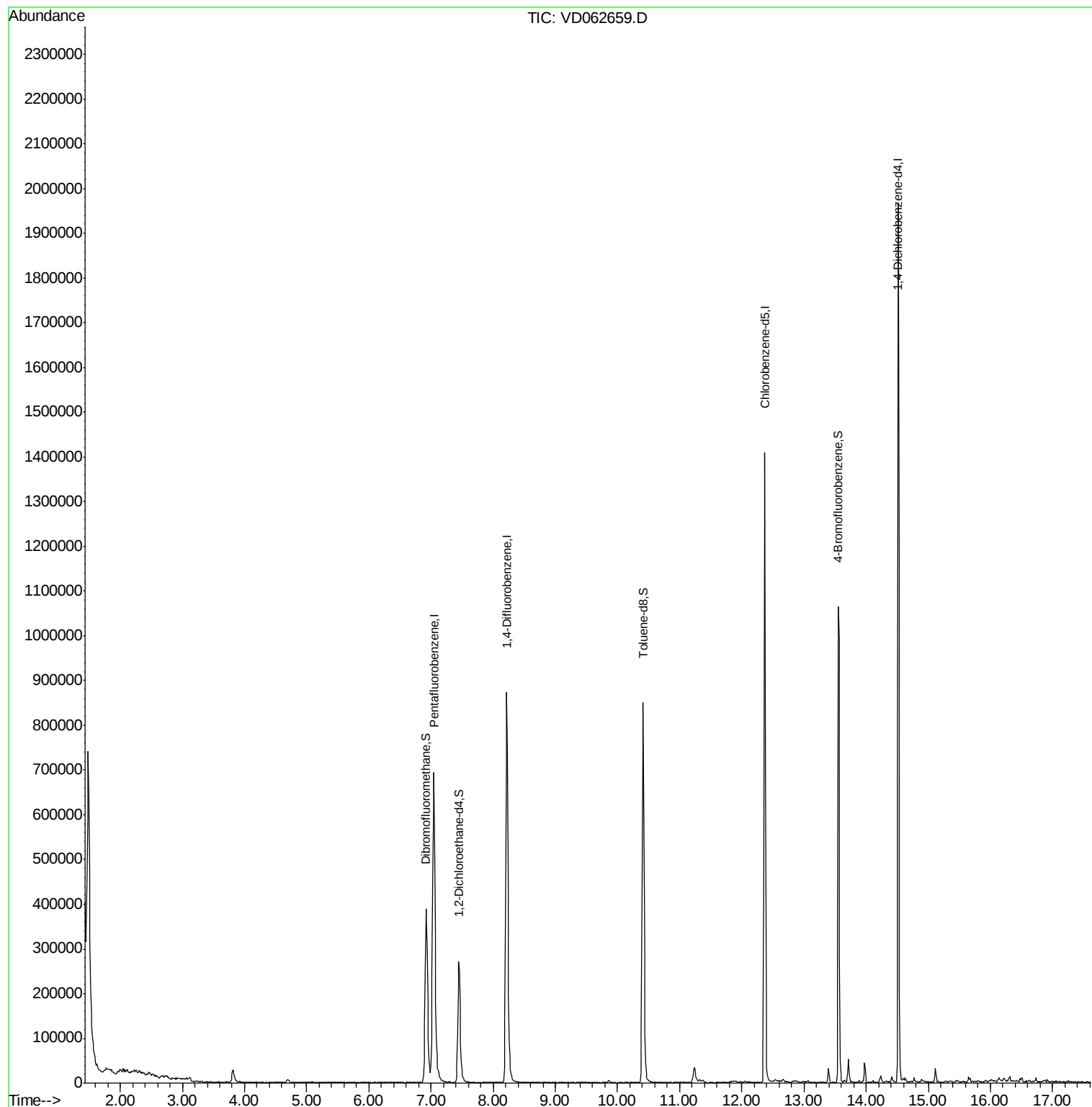
Target Compounds	Qvalue
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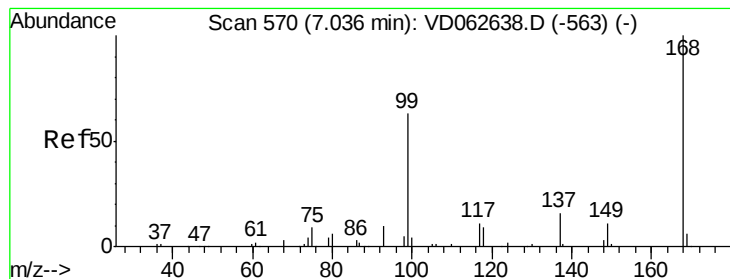
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.05 min Scan# 571

Delta R.T. 0.01 min

Lab File: VD062659.D

Acq: 10 Jun 2019 17:49

Instrument :

MSVOA_D

ClientSampleId :

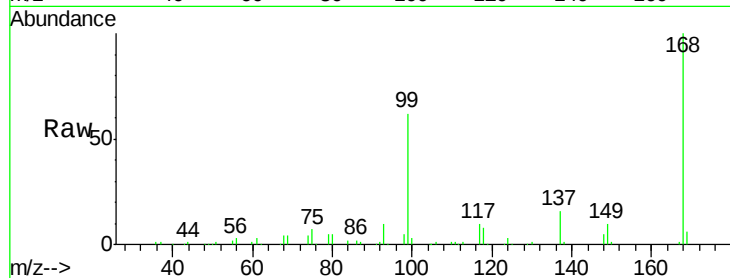
SB-10 1.0-1.5 060719

Tot Ion:168 Resp: 675664

Ion Ratio Lower Upper

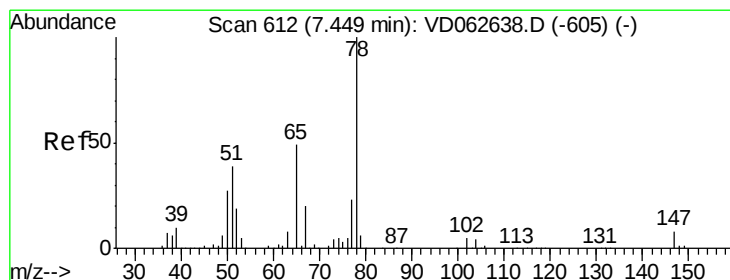
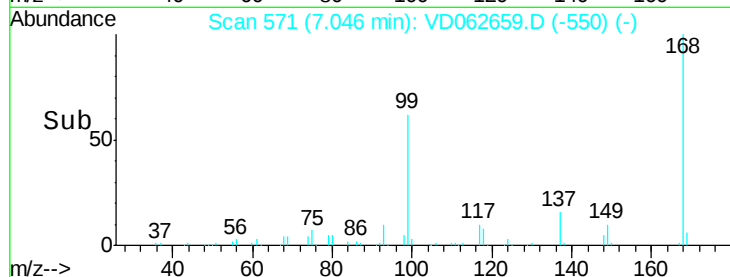
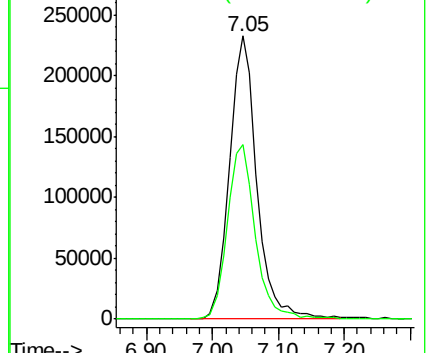
168 100

99 61.7 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: 33.091 ug/l

RT: 7.45 min Scan# 612

Delta R.T. 0.00 min

Lab File: VD062659.D

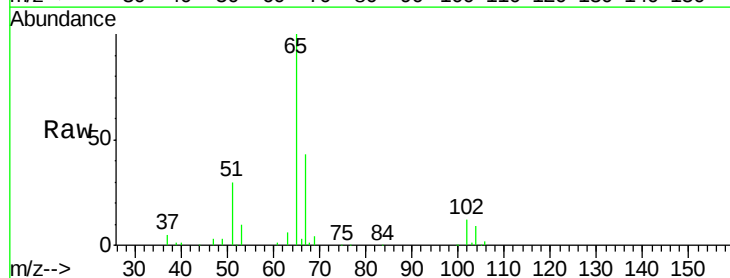
Acq: 10 Jun 2019 17:49

Tgt Ion: 65 Resp: 322632

Ion Ratio Lower Upper

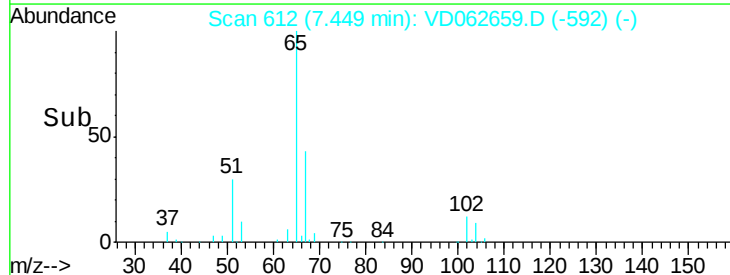
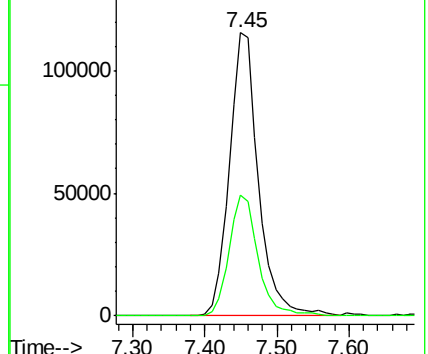
65 100

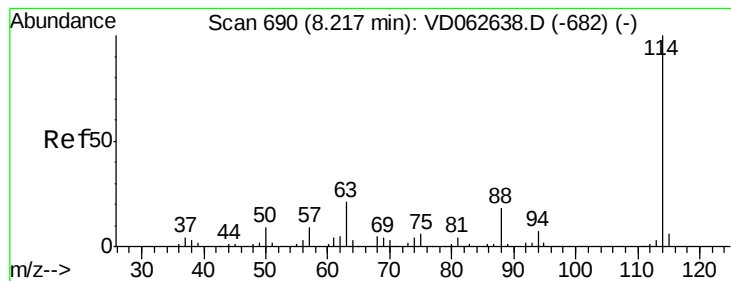
67 42.7 0.0 81.8



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. 0.00 min

Lab File: VD062659.D

Acq: 10 Jun 2019 17:49

Instrument :

MSVOA_D

ClientSampleId :

SB-10 1.0-1.5 060719

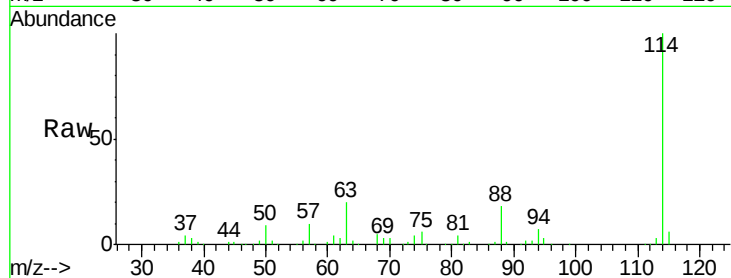
Tot Ion:114 Resp: 922481

Ion Ratio Lower Upper

114 100

63 20.4 0.0 42.4

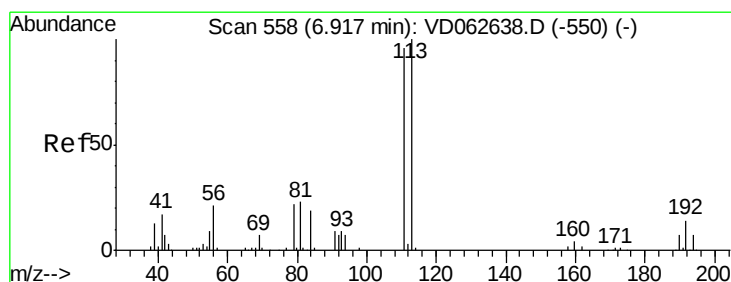
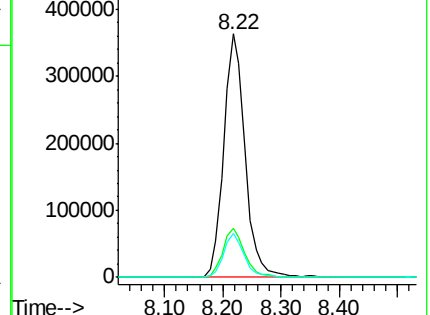
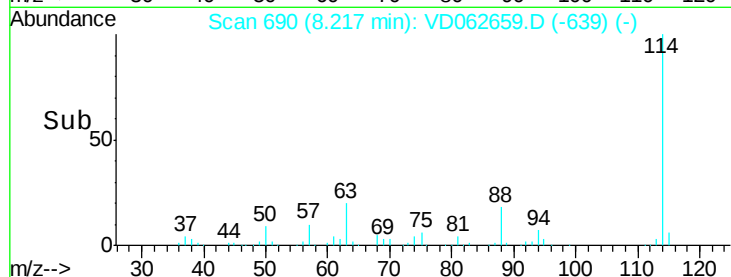
88 17.8 0.0 36.8



Abundance Ion 114.00 (113.70 to 114.70): V

Ion 62.95 (62.65 to 63.65): VDC

Ion 87.90 (87.60 to 88.60): VDC



#35

Dibromofluoromethane

Concen: 36.613 ug/l

RT: 6.92 min Scan# 558

Delta R.T. 0.00 min

Lab File: VD062659.D

Acq: 10 Jun 2019 17:49

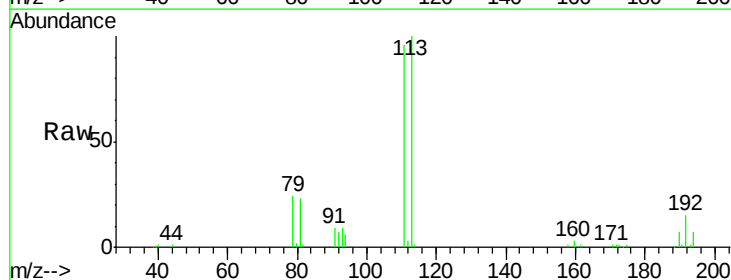
Tgt Ion:113 Resp: 356199

Ion Ratio Lower Upper

113 100

111 95.7 76.4 114.6

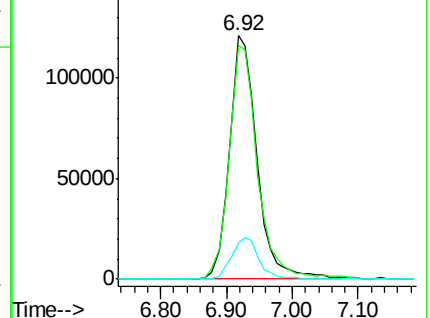
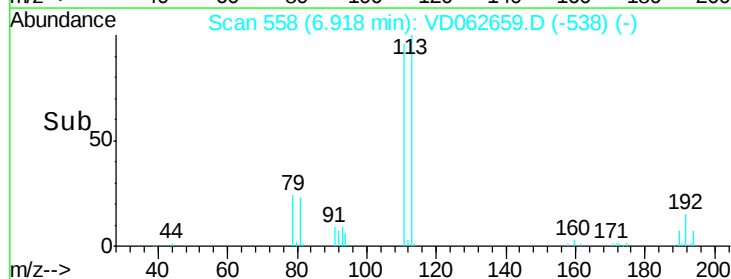
192 14.7 11.4 17.0

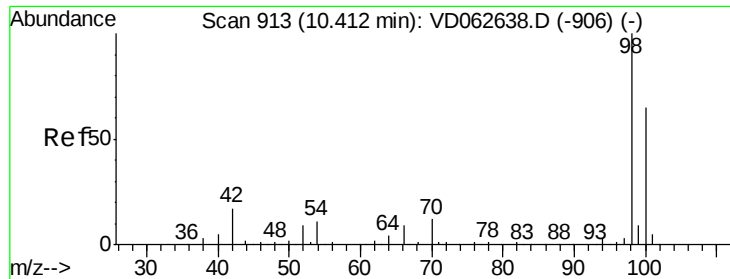


Abundance Ion 112.90 (112.60 to 113.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 191.80 (191.50 to 192.50): V

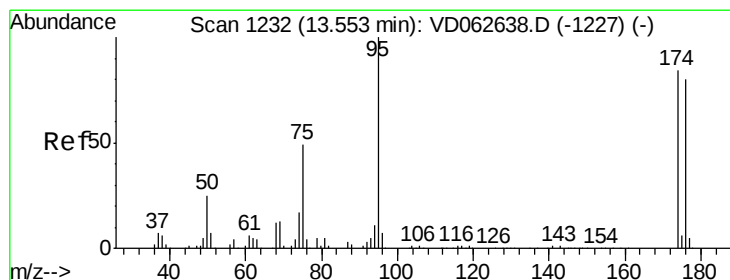
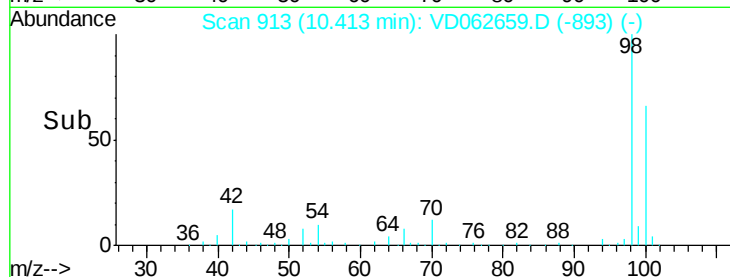
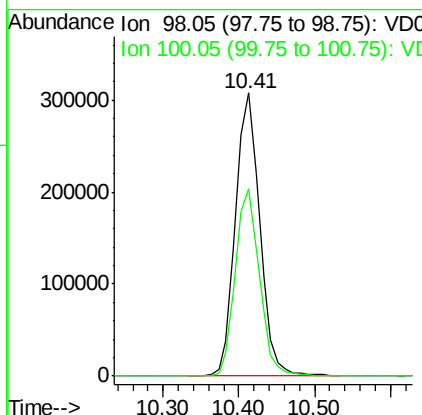
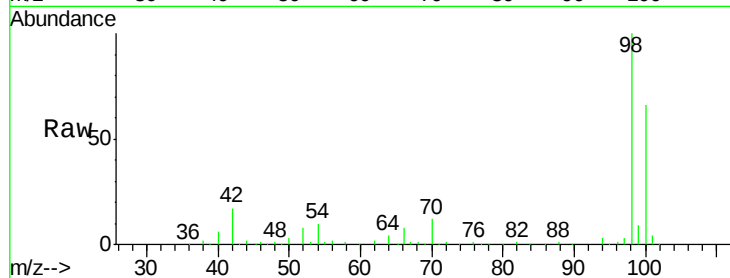




#50
Toluene-d8
Concen: 33.480 ug/l
RT: 10.41 min Scan# 913
Delta R.T. 0.00 min
Lab File: VD062659.D
Acq: 10 Jun 2019 17:49

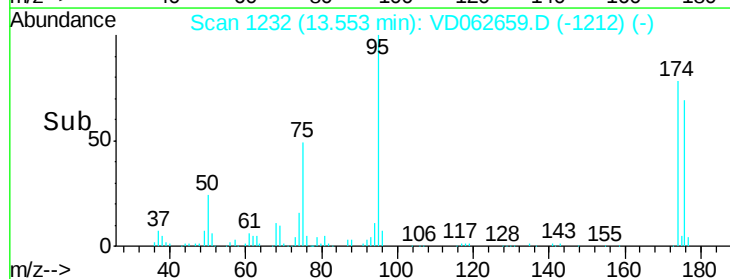
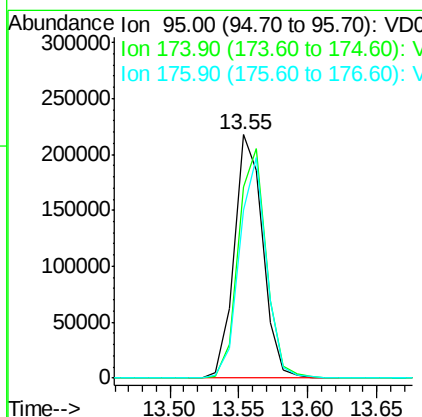
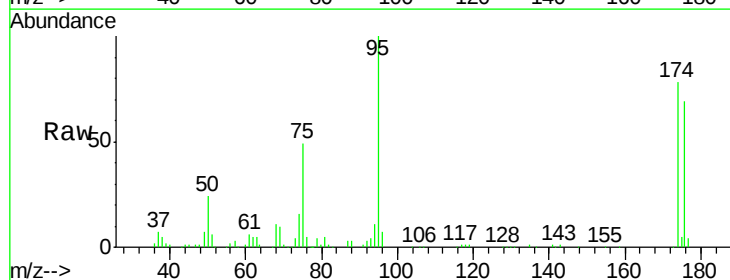
Instrument :
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SB-10 1.0-1.5 060719

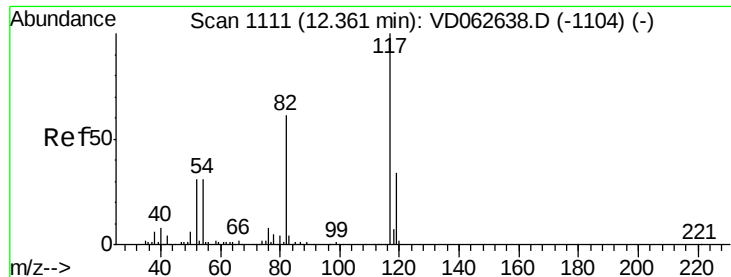
Tot Ion: 98 Resp: 685197
Ion Ratio Lower Upper
98 100
100 66.4 52.1 78.1



#62
4-Bromofluorobenzene
Concen: 32.814 ug/l
RT: 13.55 min Scan# 1232
Delta R.T. 0.00 min
Lab File: VD062659.D
Acq: 10 Jun 2019 17:49

Tgt Ion: 95 Resp: 313311
Ion Ratio Lower Upper
95 100
174 78.4 0.0 167.0
176 68.9 0.0 159.2

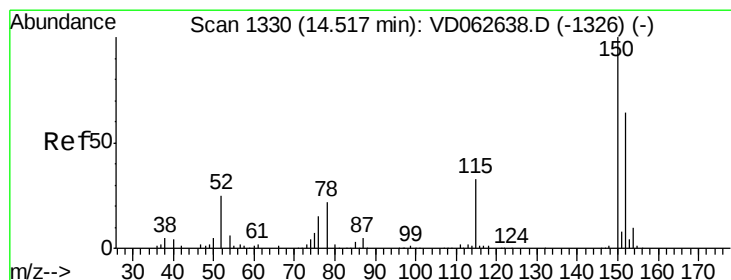
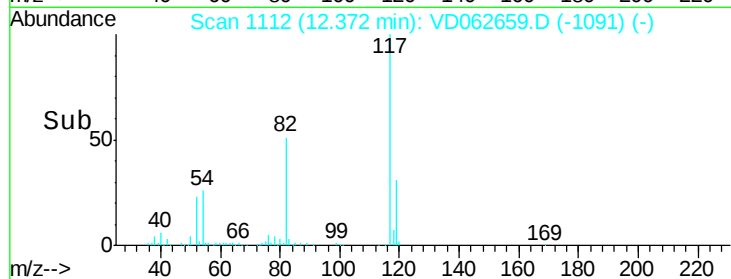
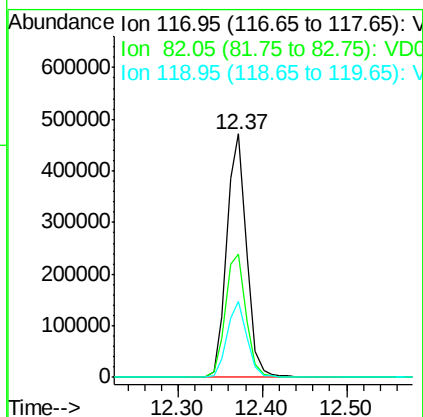
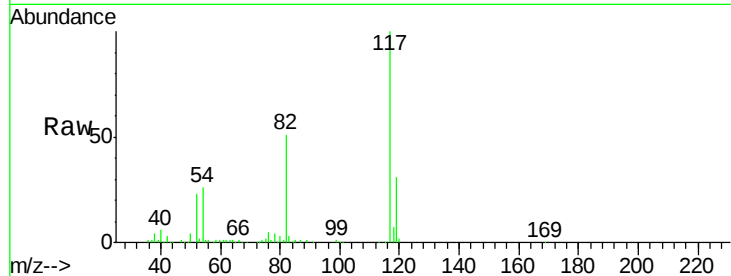




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.37 min Scan# 1112
Delta R.T. 0.01 min
Lab File: VD062659.D
Acq: 10 Jun 2019 17:49

Instrument :
MSVOA_D
ClientSampleId :
SB-10 1.0-1.5 060719

Tot Ion:117 Resp: 766757
Ion Ratio Lower Upper
117 100
82 50.5 48.7 73.1
119 31.2 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: VD062659.D
Acq: 10 Jun 2019 17:49

Tgt Ion:152 Resp: 388723
Ion Ratio Lower Upper
152 100
115 62.3 30.1 90.5
150 158.0 0.0 314.0

