

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD061819\
 Data File : VD062743.D
 Acq On : 18 Jun 2019 12:10
 Operator : VA/AP
 Sample : VD0618SBL01
 Misc : 5.00g/5ml/MSVOA D/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0618SBL01

Quant Time: Jun 19 05:43:40 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	661895	50.00	ug/l	0.01
34) 1,4-Difluorobenzene	8.22	114	869458	50.00	ug/l	0.00
63) Chlorobenzene-d5	12.36	117	743063	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.52	152	394617	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.45	65	512338	53.64	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.28%	
35) Dibromofluoromethane	6.92	113	518840	56.58	ug/l	0.00
Spiked Amount	50.000		Recovery	=	113.16%	
50) Toluene-d8	10.41	98	1075998	55.78	ug/l	0.00
Spiked Amount	50.000		Recovery	=	111.56%	
62) 4-Bromofluorobenzene	13.56	95	498338	55.38	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.76%	

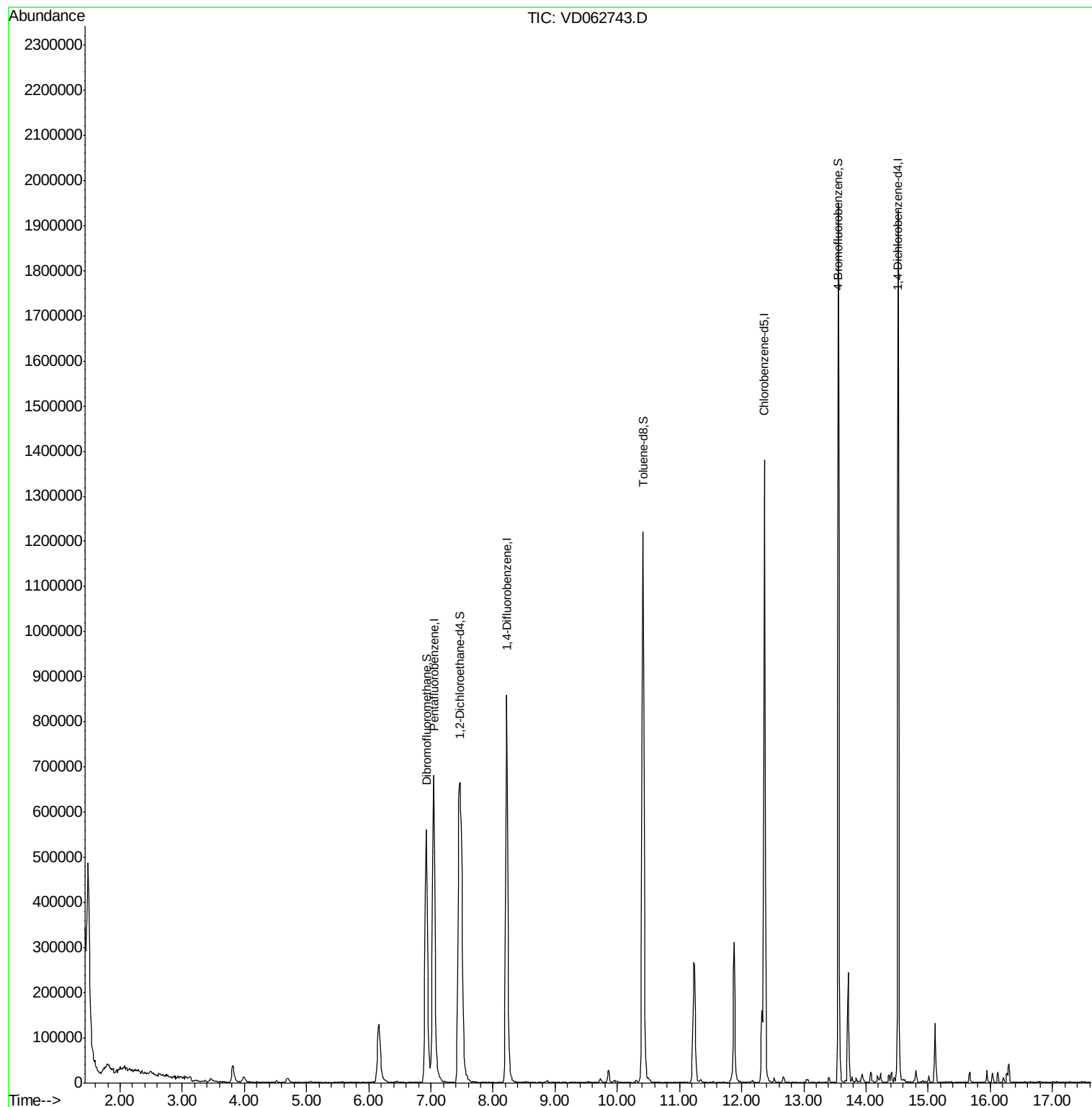
Target Compounds	Qvalue
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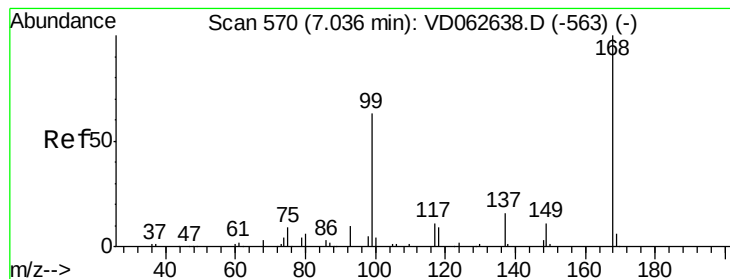
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.05 min Scan# 571

Delta R.T. 0.01 min

Lab File: VD062743.D

Acq: 18 Jun 2019 12:10

Instrument :

MSVOA_D

ClientSampleId :

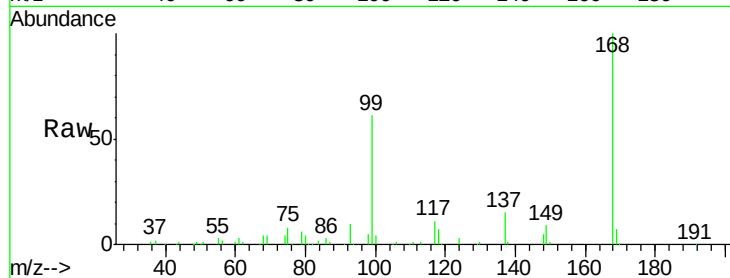
VD0618SBL01

Tot Ion:168 Resp: 661895

Ion Ratio Lower Upper

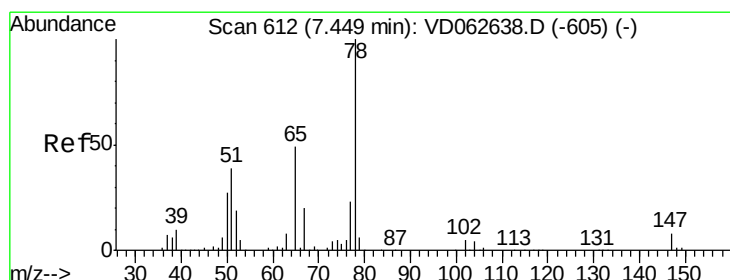
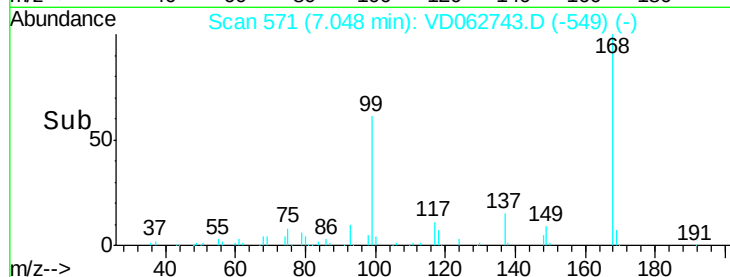
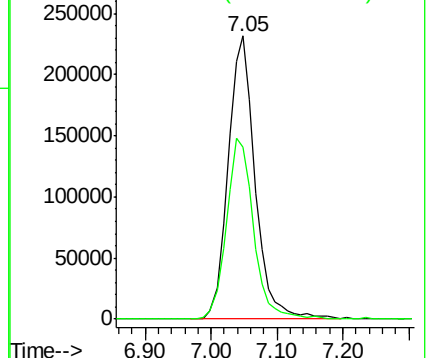
168 100

99 60.7 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: 53.642 ug/l

RT: 7.45 min Scan# 612

Delta R.T. 0.00 min

Lab File: VD062743.D

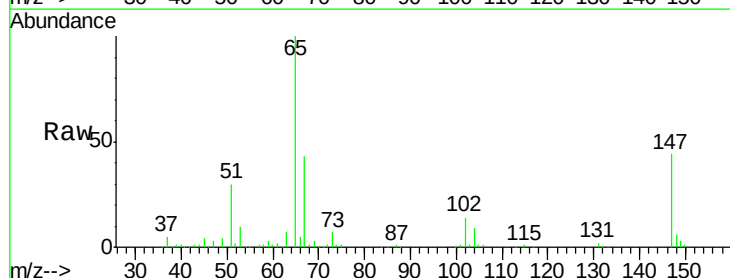
Acq: 18 Jun 2019 12:10

Tgt Ion: 65 Resp: 512338

Ion Ratio Lower Upper

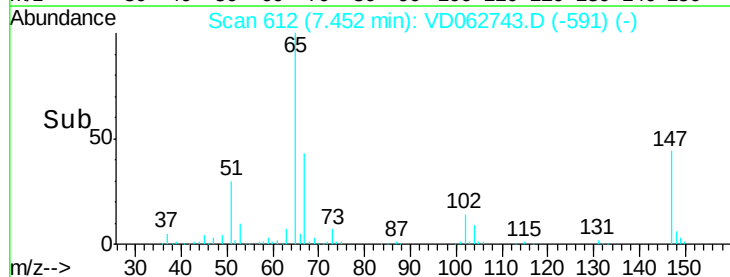
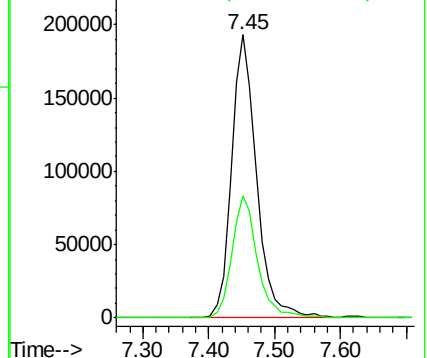
65 100

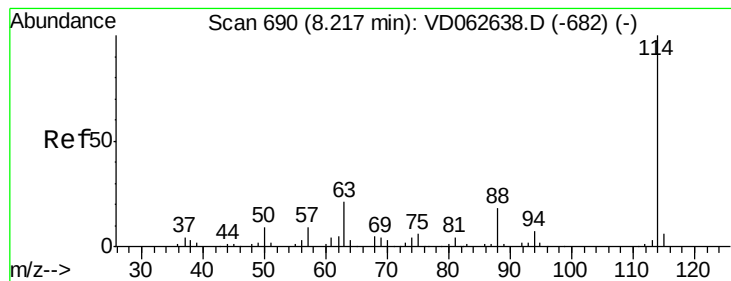
67 43.0 0.0 81.8



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: VD062743.D

Acq: 18 Jun 2019 12:10

Instrument :

MSVOA_D

ClientSampleId :

VD0618SBL01

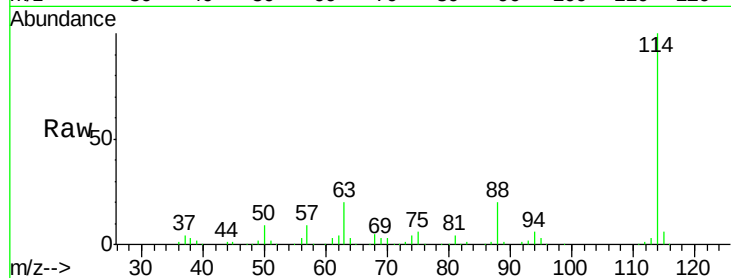
Tot Ion:114 Resp: 869458

Ion Ratio Lower Upper

114 100

63 20.4 0.0 42.4

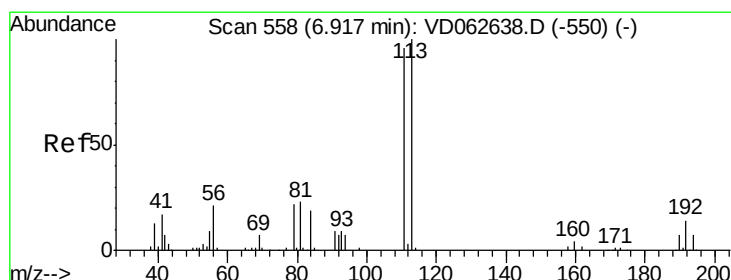
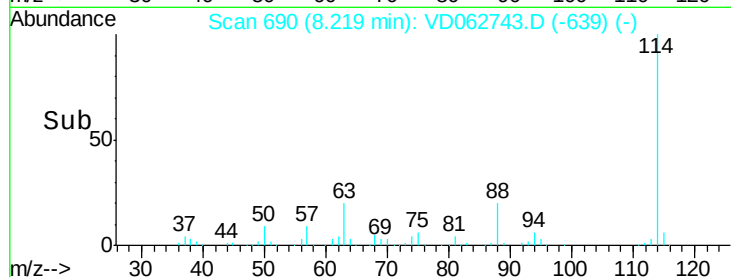
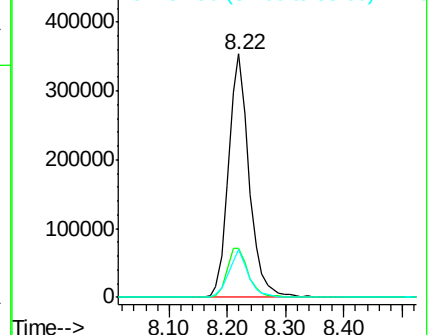
88 19.7 0.0 36.8



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: 56.583 ug/l

RT: 6.92 min Scan# 558

Delta R.T. 0.00 min

Lab File: VD062743.D

Acq: 18 Jun 2019 12:10

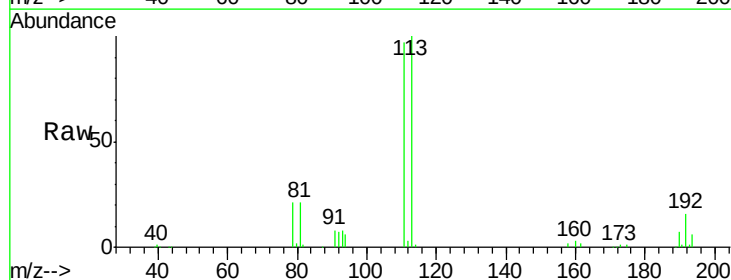
Tgt Ion:113 Resp: 518840

Ion Ratio Lower Upper

113 100

111 96.9 76.4 114.6

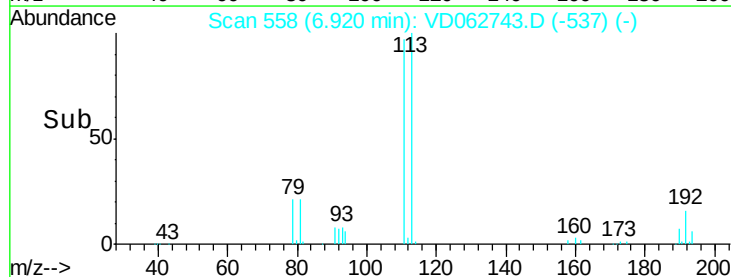
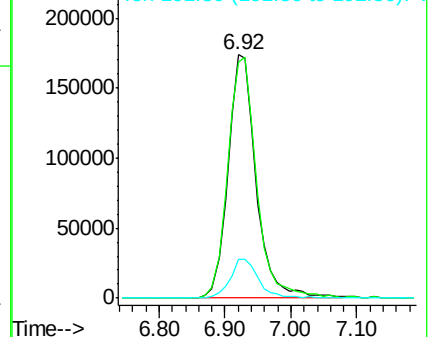
192 16.1 11.4 17.0

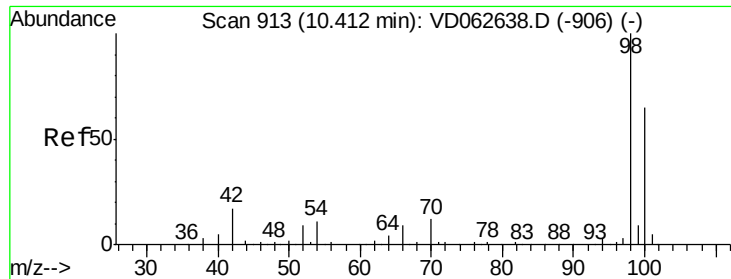


Abundance Ion 112.90 (112.60 to 113.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 191.80 (191.50 to 192.50): V

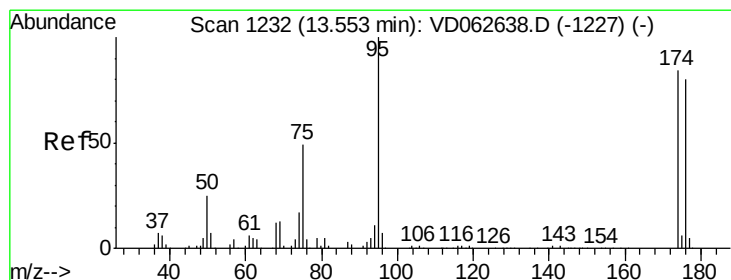
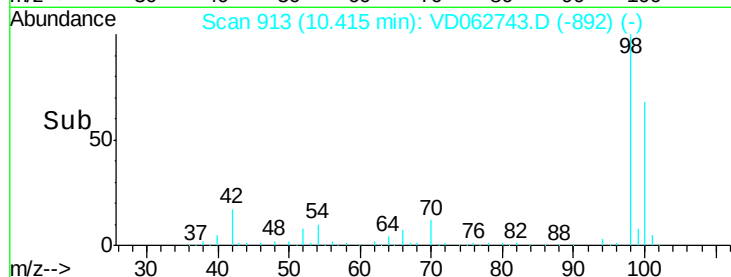
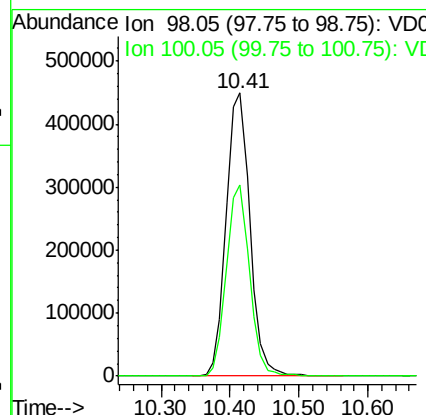
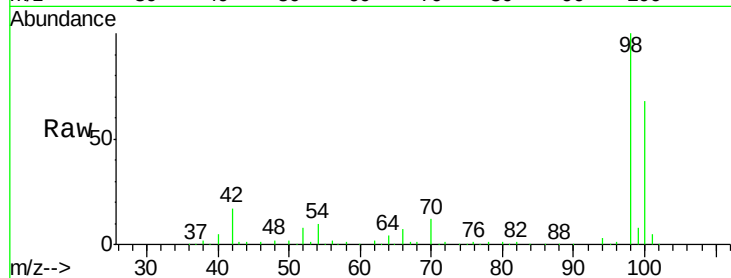




#50
Toluene-d8
Concen: 55.781 ug/l
RT: 10.41 min Scan# 913
Delta R.T. 0.00 min
Lab File: VD062743.D
Acq: 18 Jun 2019 12:10

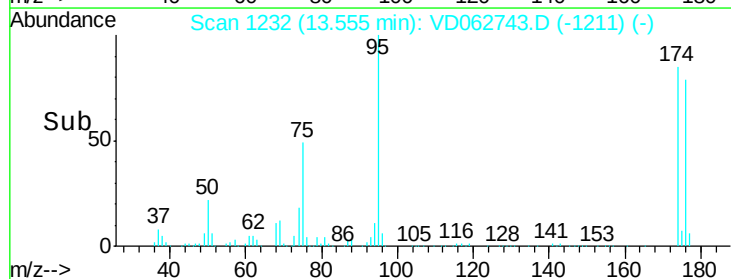
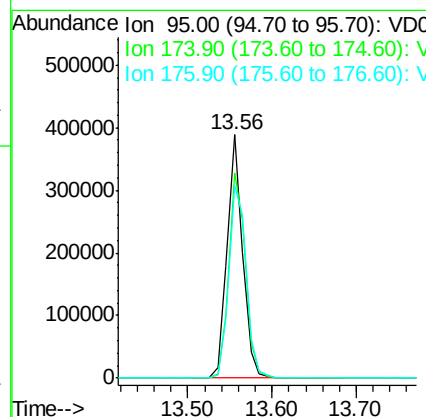
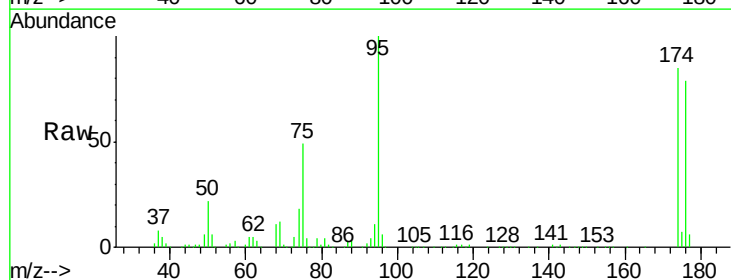
Instrument :
MSVOA_D
ClientSampleId :
VD0618SBL01

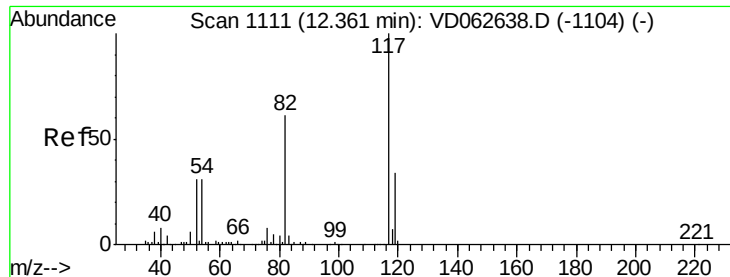
Tot Ion: 98 Resp: 1075998
Ion Ratio Lower Upper
98 100
100 67.5 52.1 78.1



#62
4-Bromofluorobenzene
Concen: 55.375 ug/l
RT: 13.56 min Scan# 1232
Delta R.T. 0.00 min
Lab File: VD062743.D
Acq: 18 Jun 2019 12:10

Tgt Ion: 95 Resp: 498338
Ion Ratio Lower Upper
95 100
174 84.5 0.0 167.0
176 79.1 0.0 159.2

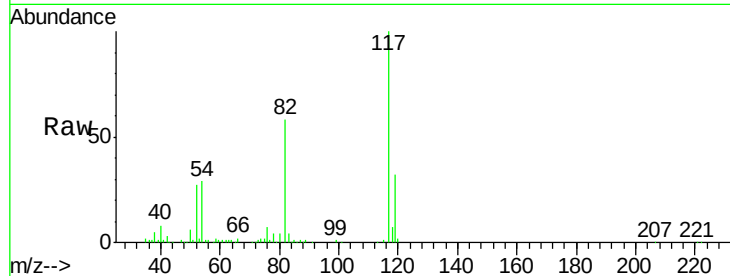




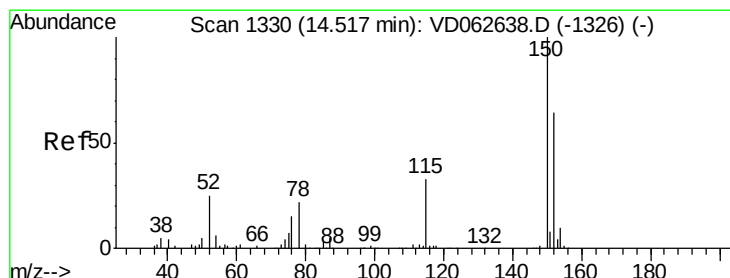
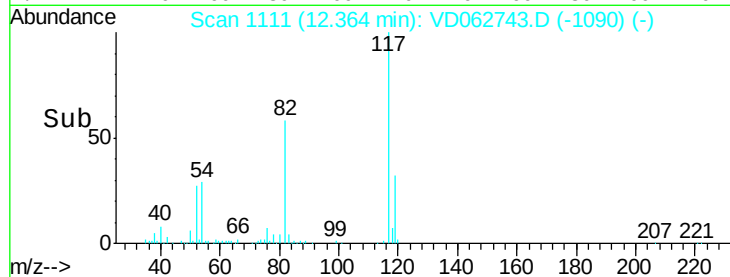
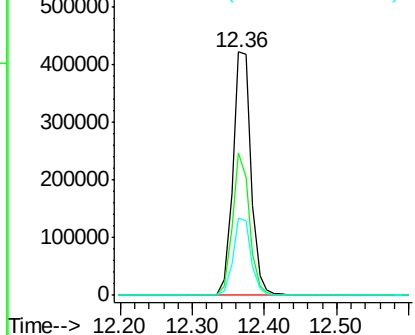
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.36 min Scan# 1111
Delta R.T. 0.00 min
Lab File: VD062743.D
Acq: 18 Jun 2019 12:10

Instrument :
MSVOA_D
ClientSampleId :
VD0618SBL01

Tot Ion:117 Resp: 743063
Ion Ratio Lower Upper
117 100
82 58.5 48.7 73.1
119 32.0 27.0 40.6

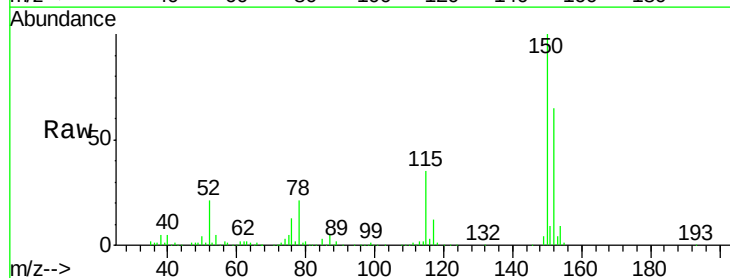


Abundance Ion 116.95 (116.65 to 117.65): V
Ion 82.05 (81.75 to 82.75): V
Ion 118.95 (118.65 to 119.65): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.52 min Scan# 1330
Delta R.T. 0.00 min
Lab File: VD062743.D
Acq: 18 Jun 2019 12:10

Tgt Ion:152 Resp: 394617
Ion Ratio Lower Upper
152 100
115 53.6 30.1 90.5
150 154.0 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

