

Data Path : W:\HPCHEM1\MSVOA D\DATA\VD092315\
 Data File : VD046849.D
 Acq On : 23 Sep 2015 12:20
 Operator : FY/SY
 Sample : VD0923SBL01
 Misc : 5.00gm/5mL/MSVOA D/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0923SBL01

Quant Time: Sep 24 01:59:59 2015
 Quant Method : W:\HPCHEM1\MSVOA_D\METHOD\82D091815S.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 18 15:47:18 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	6.29	168	151060	50.00	ug/l	-0.02
34) 1,4-Difluorobenzene	7.41	114	207686	50.00	ug/l	-0.03
63) Chlorobenzene-d5	11.56	117	196189	50.00	ug/l	-0.03
72) 1,4-Dichlorobenzene-d4	13.90	152	99236	50.00	ug/l	-0.02

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.70	65	92262	58.74	ug/l	-0.02
Spiked Amount	50.000		Recovery	=	117.48%	
35) Dibromofluoromethane	6.19	113	80132	49.31	ug/l	-0.03
Spiked Amount	50.000		Recovery	=	98.62%	
50) Toluene-d8	9.60	98	241955	47.20	ug/l	-0.03
Spiked Amount	50.000		Recovery	=	94.40%	
62) 4-Bromofluorobenzene	12.84	95	95179	46.11	ug/l	-0.02
Spiked Amount	50.000		Recovery	=	92.22%	

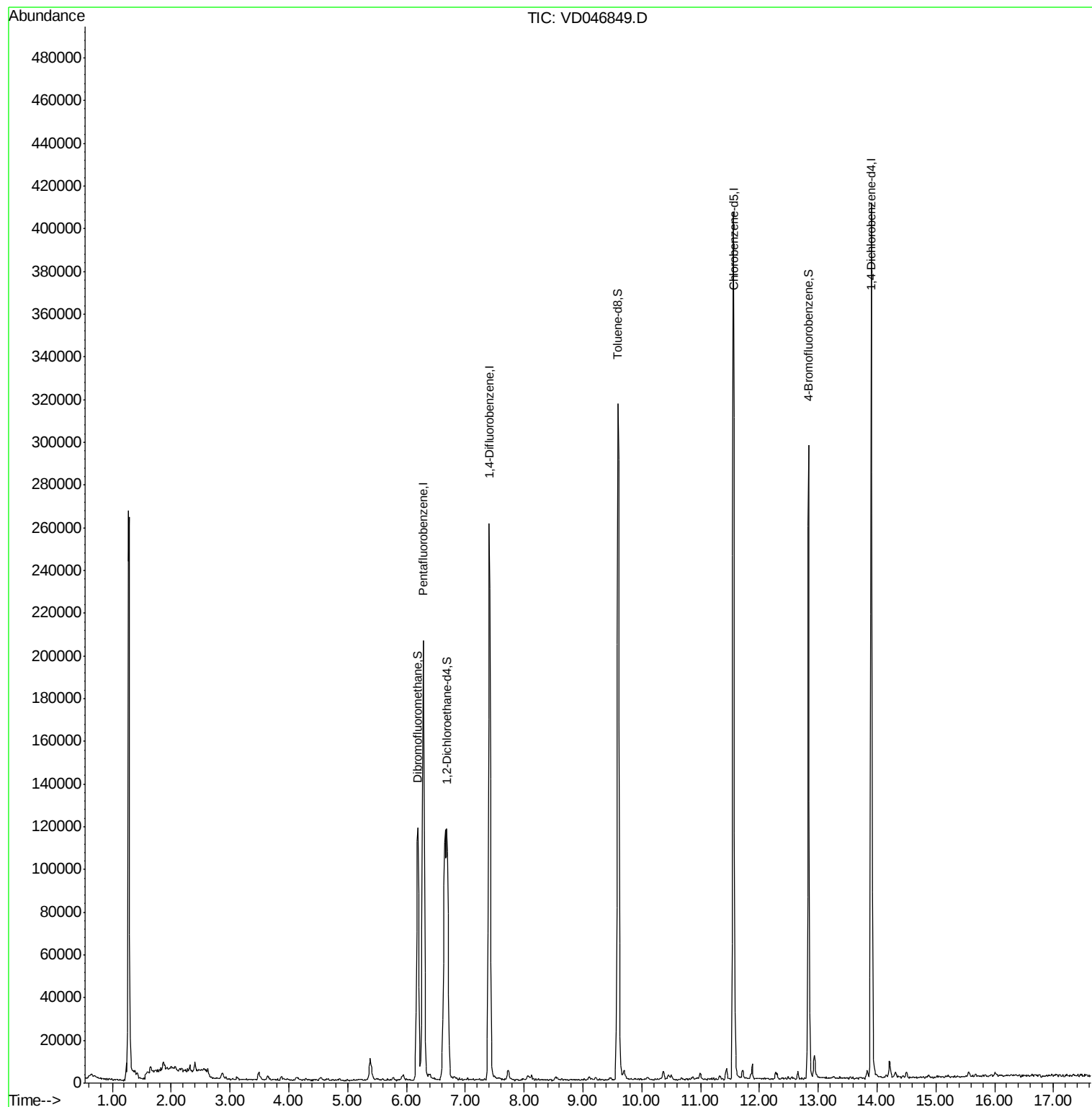
Target Compounds	Qvalue
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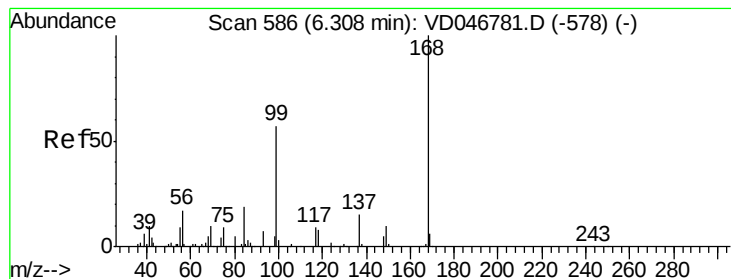
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 6.29 min Scan# 585

Delta R.T. -0.02 min

Lab File: VD046849.D

Acq: 23 Sep 2015 12:20

Instrument :

MSVOA_D

ClientSampleId :

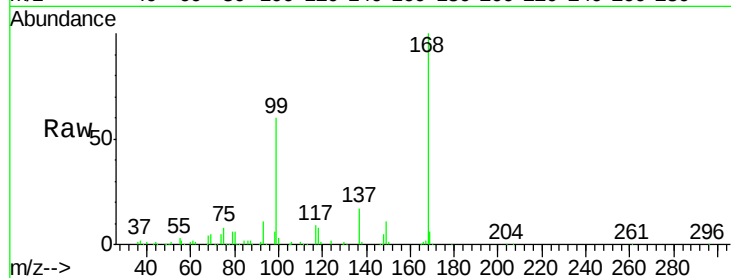
VD0923SBL01

Tot Ion:168 Resp: 151060

Ion Ratio Lower Upper

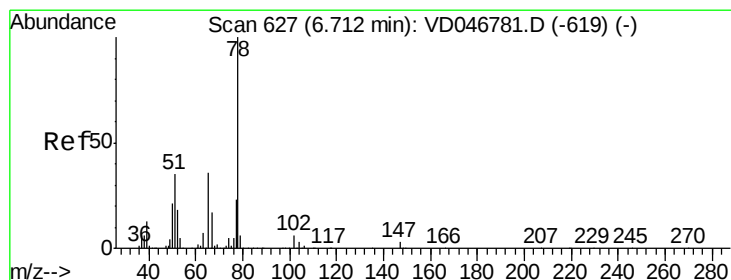
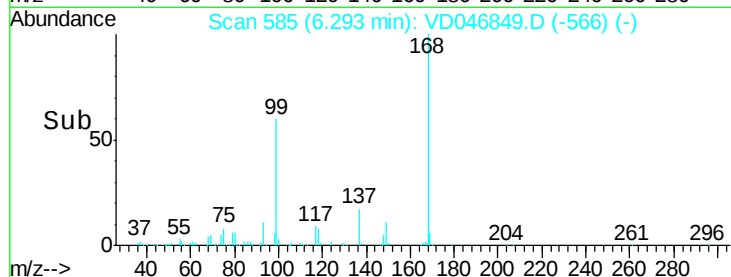
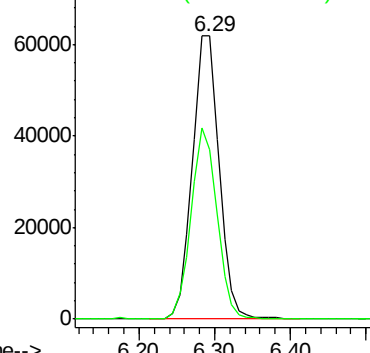
168 100

99 60.1 42.4 63.6



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: Below ug/l

RT: 6.70 min Scan# 626

Delta R.T. -0.02 min

Lab File: VD046849.D

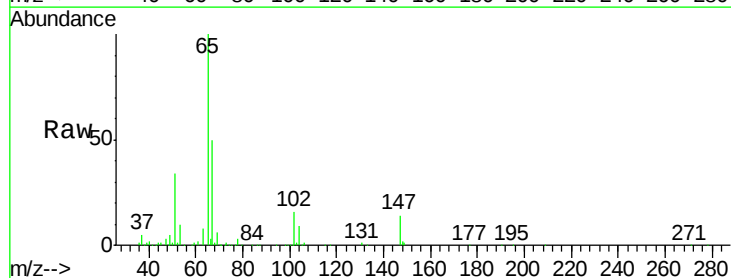
Acq: 23 Sep 2015 12:20

Tgt Ion: 65 Resp: 92262

Ion Ratio Lower Upper

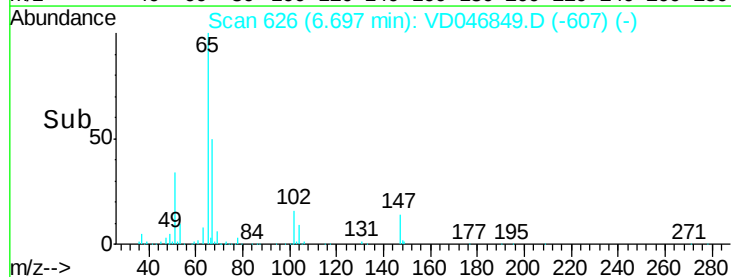
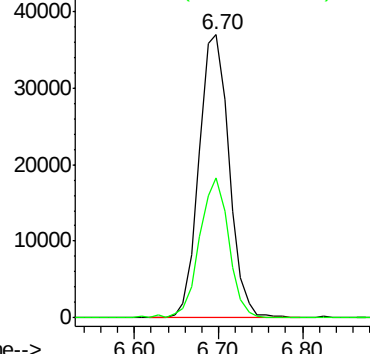
65 100

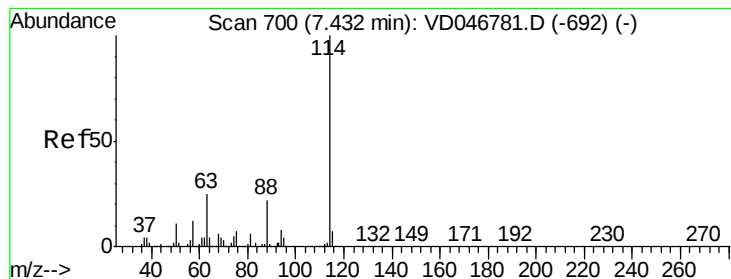
67 49.5 0.0 105.4



Abundance Ion 64.95 (64.65 to 65.65): VDC

Ion 66.90 (66.60 to 67.60): VDC





#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 7.41 min Scan# 698

Delta R.T. -0.03 min

Lab File: VD046849.D

Acq: 23 Sep 2015 12:20

Instrument :

MSVOA_D

ClientSampleId :

VD0923SBL01

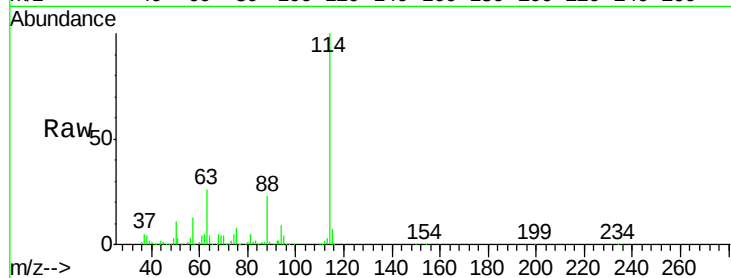
Tot Ion:114 Resp: 207686

Ion Ratio Lower Upper

114 100

63 26.4 0.0 49.8

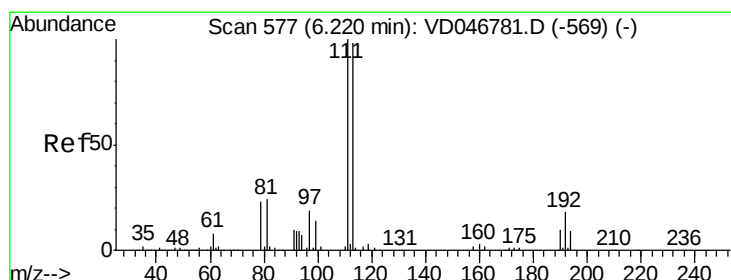
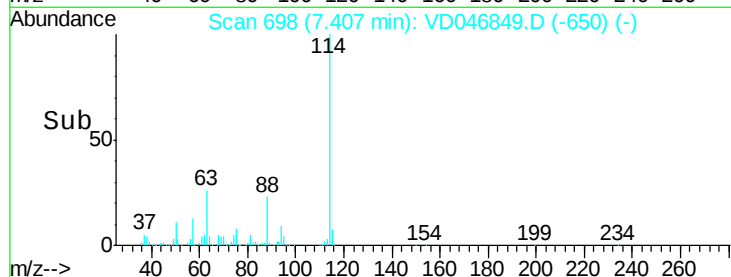
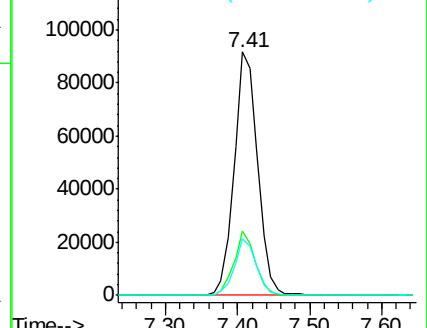
88 23.3 0.0 43.6



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: 50.00 ug/l

RT: 6.19 min Scan# 575

Delta R.T. -0.03 min

Lab File: VD046849.D

Acq: 23 Sep 2015 12:20

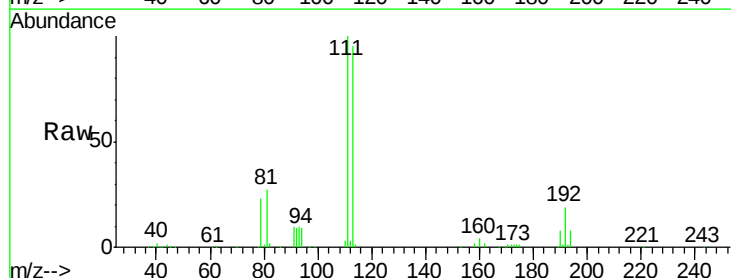
Tgt Ion:113 Resp: 80132

Ion Ratio Lower Upper

113 100

111 105.2 79.4 119.0

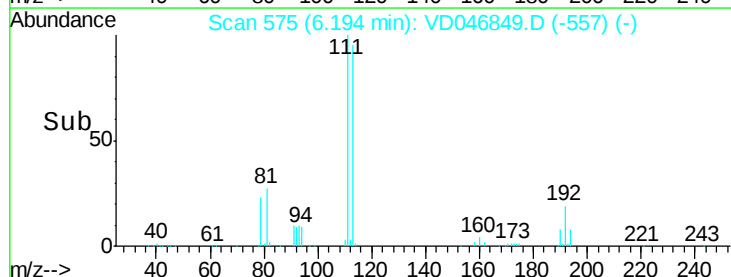
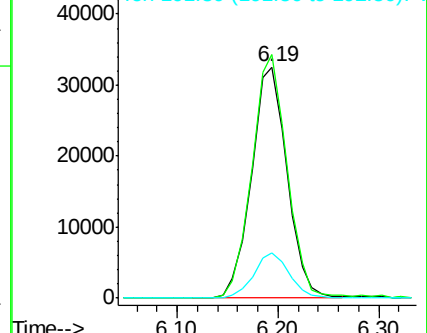
192 19.5 14.6 22.0

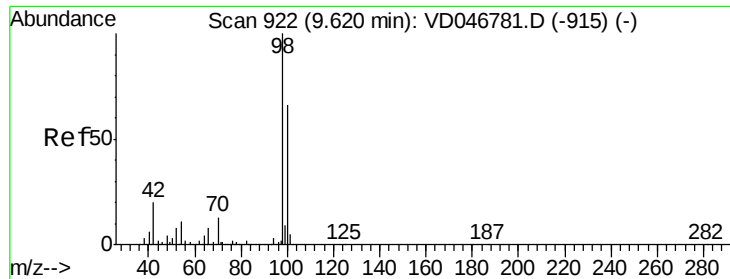


Abundance Ion 112.90 (112.60 to 113.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 191.80 (191.50 to 192.50): V

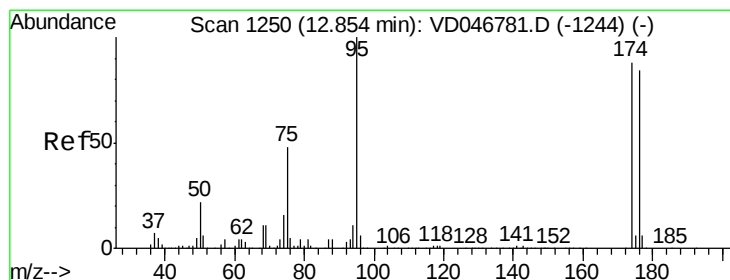
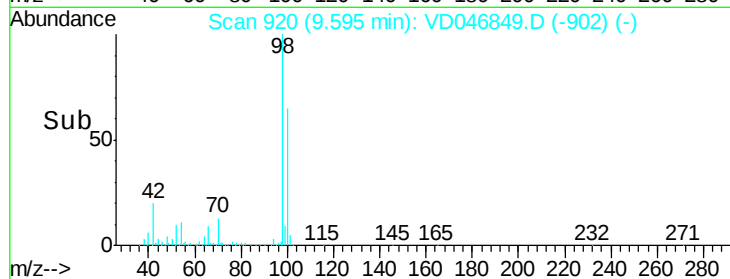
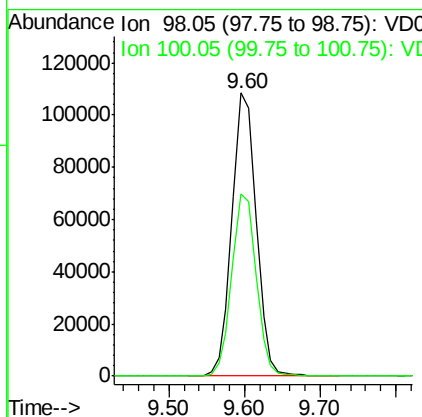
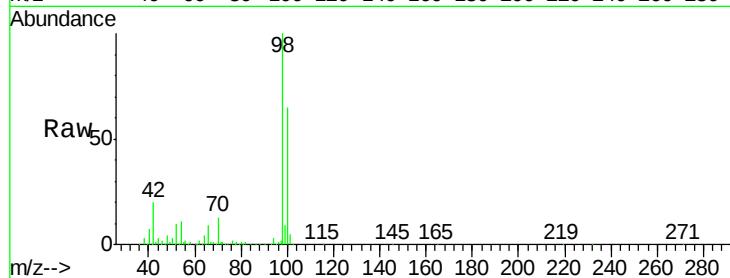




#50
Toluene-d8
Concen: N.D. ug/l
RT: 9.60 min Scan# 920
Delta R.T. -0.03 min
Lab File: VD046849.D
Acq: 23 Sep 2015 12:20

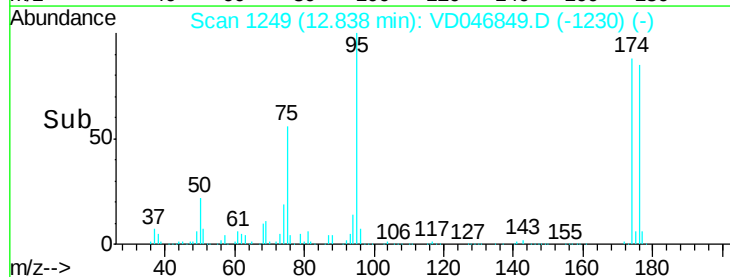
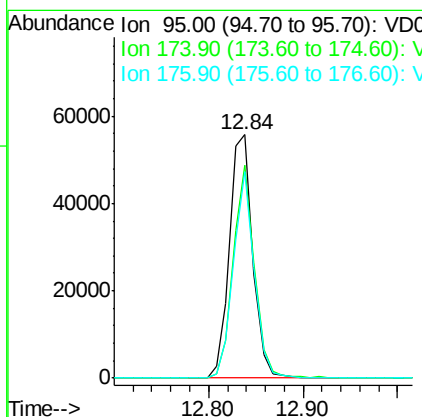
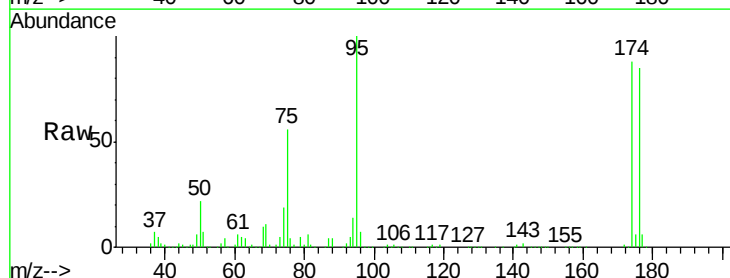
Instrument :
MSVOA_D
ClientSampleId :
VD0923SBL01

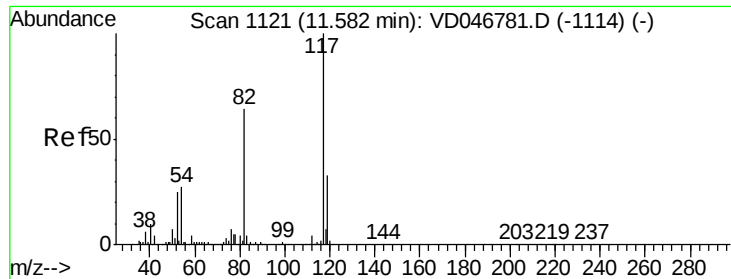
Tot Ion: 98 Resp: 241955
Ion Ratio Lower Upper
98 100
100 64.6 49.9 74.9



#62
4-Bromofluorobenzene
Concen: Below ug/l
RT: 12.84 min Scan# 1249
Delta R.T. -0.02 min
Lab File: VD046849.D
Acq: 23 Sep 2015 12:20

Tgt Ion: 95 Resp: 95179
Ion Ratio Lower Upper
95 100
174 87.5 0.0 149.8
176 84.8 0.0 143.4

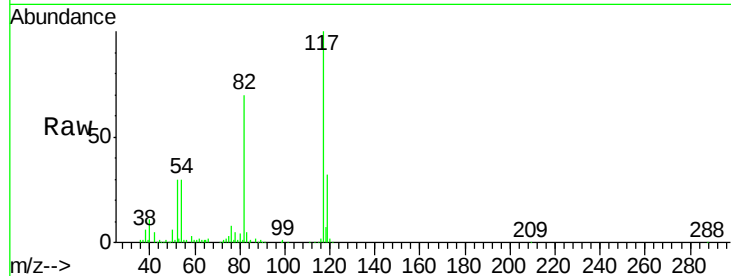




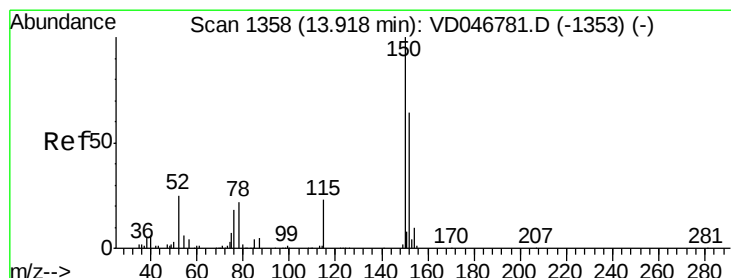
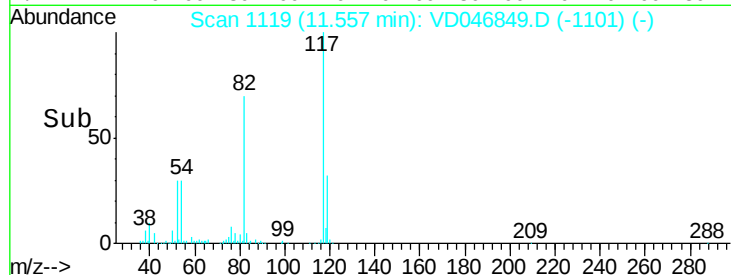
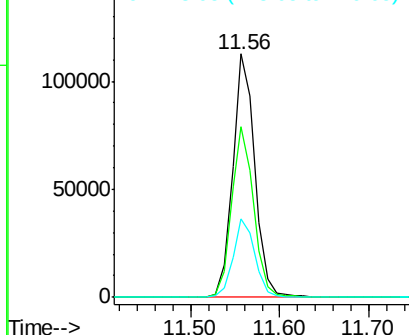
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.56 min Scan# 1119
Delta R.T. -0.03 min
Lab File: VD046849.D
Acq: 23 Sep 2015 12:20

Instrument :
MSVOA_D
ClientSampleId :
VD0923SBL01

Tot Ion	Ratio	Lower	Upper
117	100		
82	70.2	50.6	75.8
119	32.2	25.8	38.8

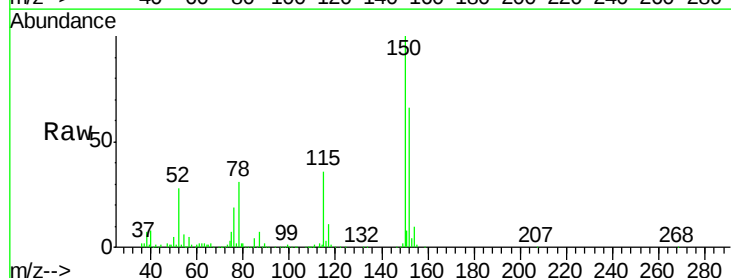


Abundance Ion 116.95 (116.65 to 117.65): V
Ion 82.05 (81.75 to 82.75): V
Ion 118.95 (118.65 to 119.65): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.90 min Scan# 1357
Delta R.T. -0.02 min
Lab File: VD046849.D
Acq: 23 Sep 2015 12:20

Tgt Ion	Ratio	Lower	Upper
152	100		
115	55.4	26.2	78.6
150	152.1	0.0	311.8



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

