

Data Path : Z:\voasrv\HPCHEM1\MSVOA D\Data\VD061019\
 Data File : VD062647.D
 Acq On : 10 Jun 2019 12:12
 Operator : VA/AP
 Sample : VD0610SBL01
 Misc : 5.00g/5ml/MSVOA D/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0610SBL01

Quant Time: Jun 19 16:41:58 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	792138	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.21	114	1058411	50.00	ug/l	0.00
63) Chlorobenzene-d5	12.36	117	841350	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.51	152	464428	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	612073	53.55	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.10%	
35) Dibromofluoromethane	6.91	113	587041	52.59	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.18%	
50) Toluene-d8	10.40	98	1235712	52.62	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	105.24%	
62) 4-Bromofluorobenzene	13.55	95	568417	51.89	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.78%	

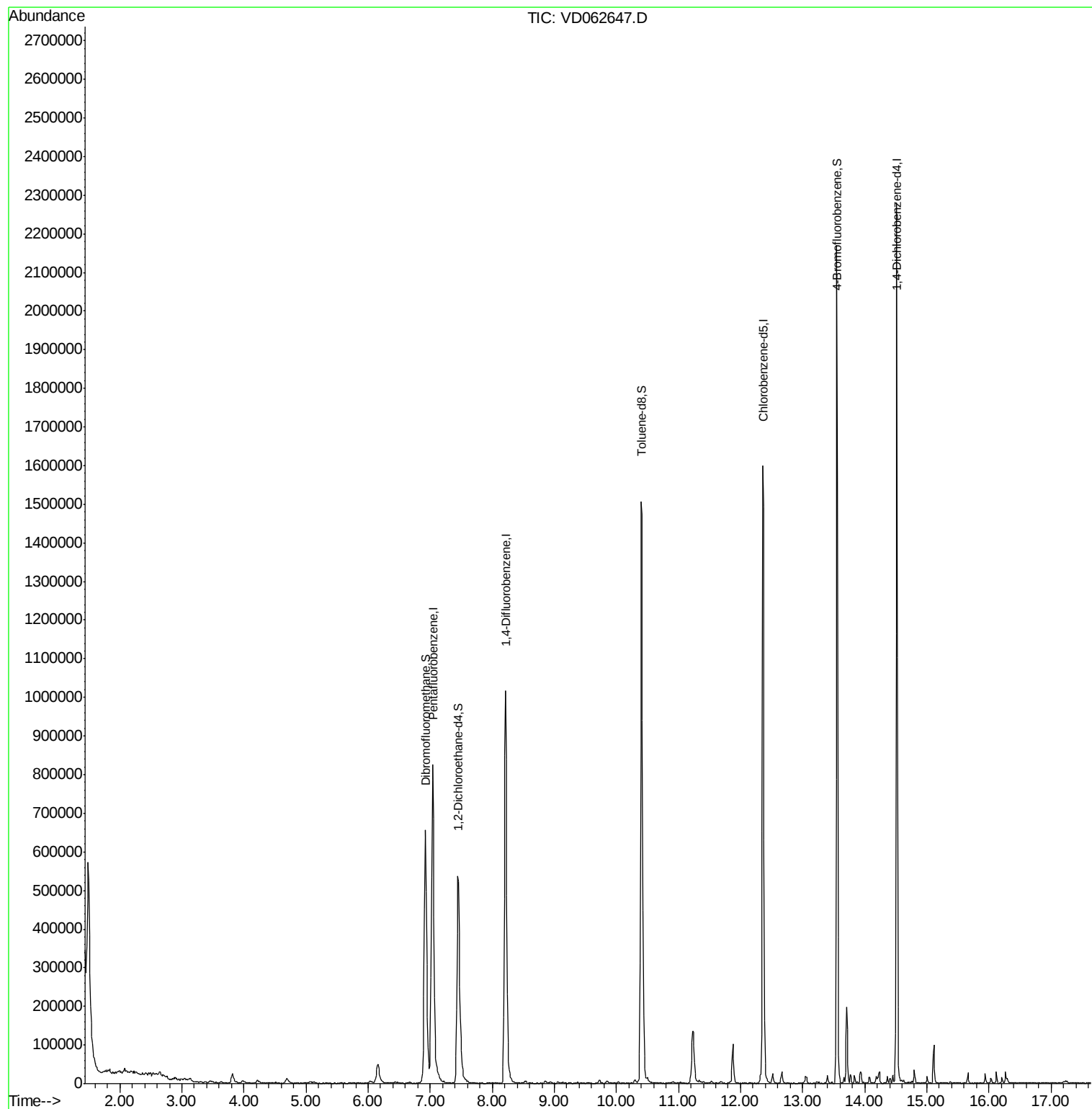
Target Compounds	Qvalue
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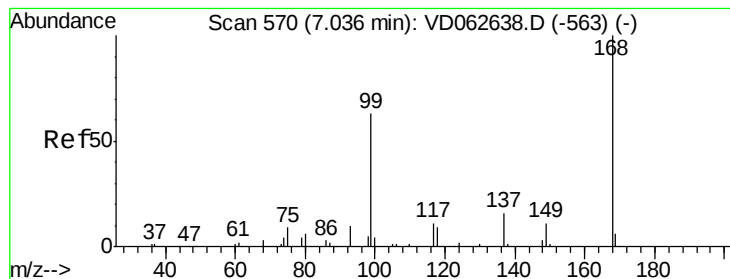
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.04 min Scan# 570

Delta R.T. 0.01 min

Lab File: VD062647.D

Acq: 10 Jun 2019 12:12

Instrument :

MSVOA_D

ClientSampleId :

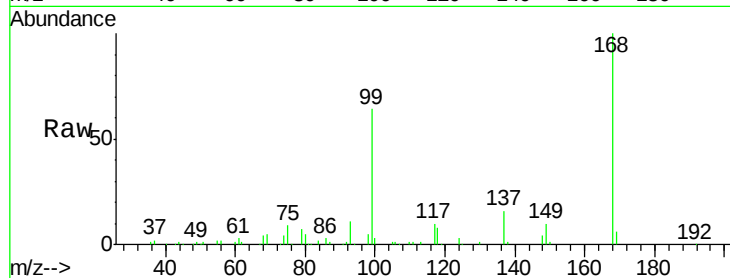
VD0610SBL01

Tot Ion:168 Resp: 792138

Ion Ratio Lower Upper

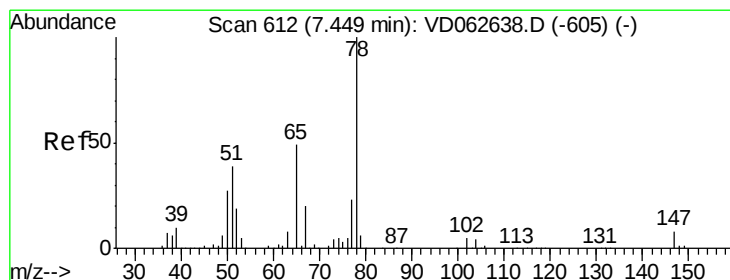
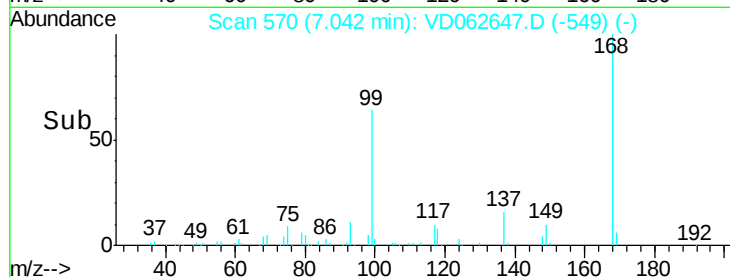
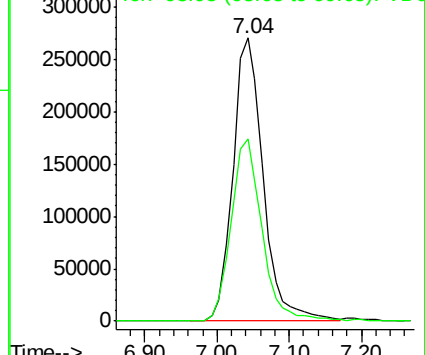
168 100

99 64.4 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: 53.547 ug/l

RT: 7.45 min Scan# 611

Delta R.T. -0.00 min

Lab File: VD062647.D

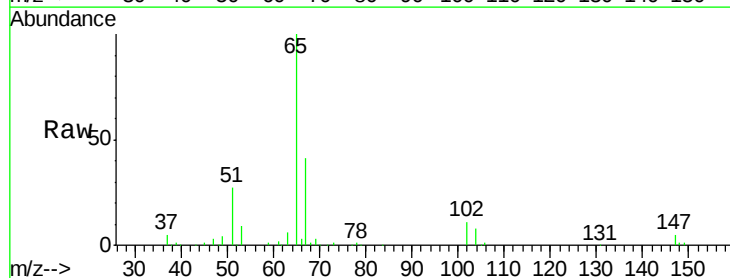
Acq: 10 Jun 2019 12:12

Tgt Ion: 65 Resp: 612073

Ion Ratio Lower Upper

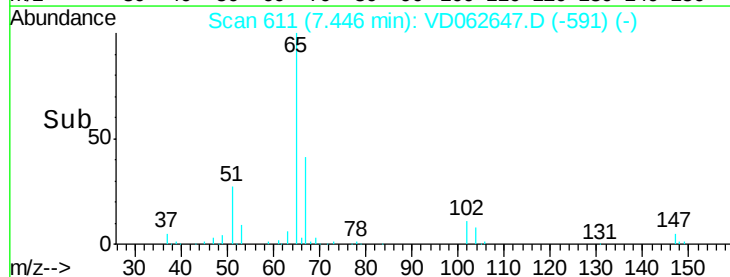
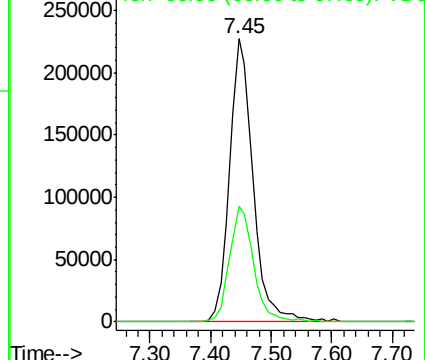
65 100

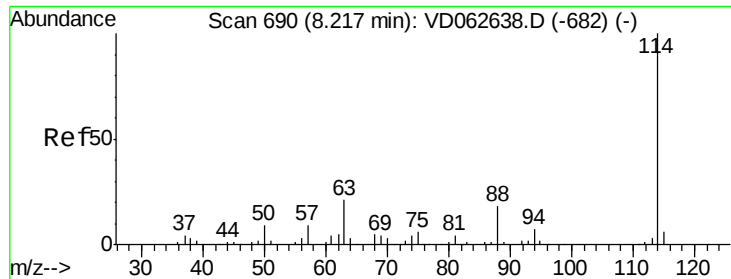
67 41.0 0.0 81.8



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: 8.21 min Scan# 689

Delta R.T. -0.00 min

Lab File: VD062647.D

Acq: 10 Jun 2019 12:12

Instrument :

MSVOA_D

ClientSampleId :

VD0610SBL01

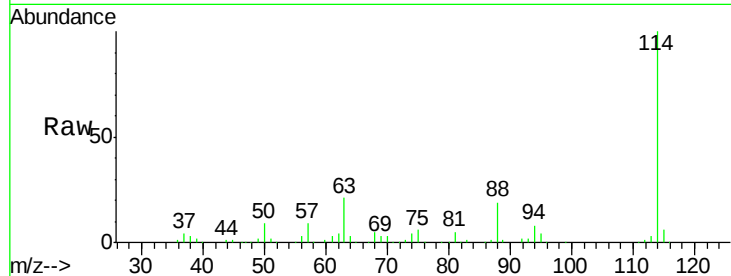
Tot Ion:114 Resp: 1058411

Ion Ratio Lower Upper

114 100

63 20.7 0.0 42.4

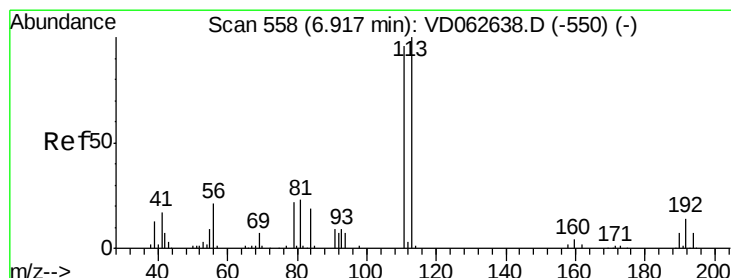
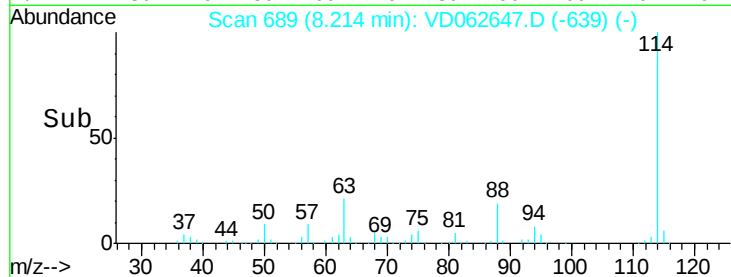
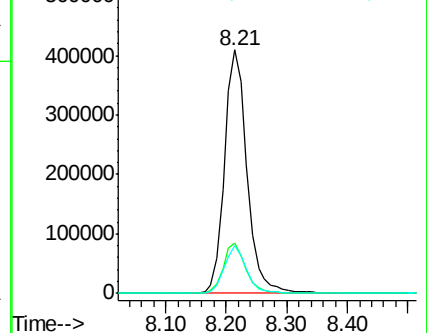
88 19.5 0.0 36.8



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: 52.591 ug/l

RT: 6.91 min Scan# 557

Delta R.T. -0.00 min

Lab File: VD062647.D

Acq: 10 Jun 2019 12:12

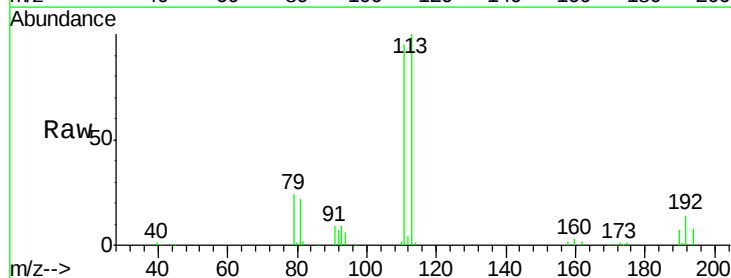
Tgt Ion:113 Resp: 587041

Ion Ratio Lower Upper

113 100

111 95.2 76.4 114.6

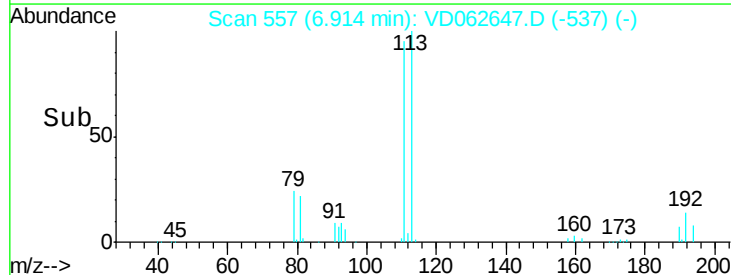
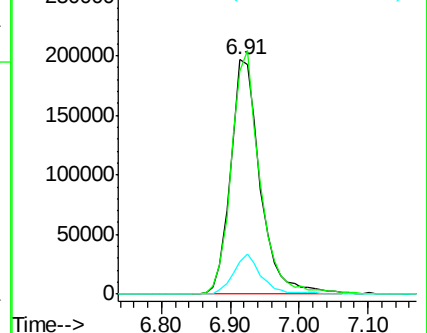
192 13.8 11.4 17.0

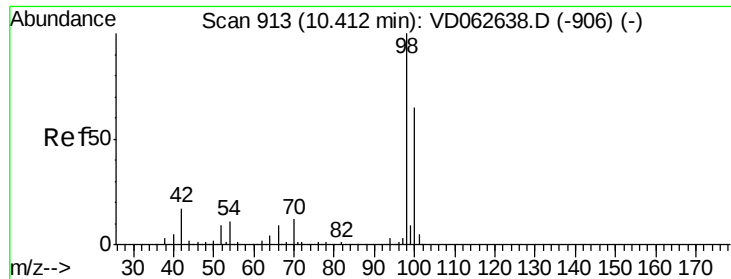


Abundance Ion 112.90 (112.60 to 113.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 191.80 (191.50 to 192.50): V

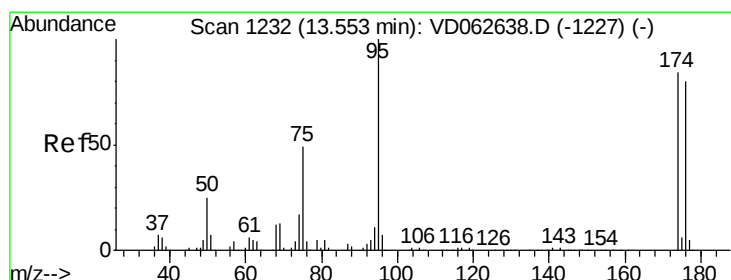
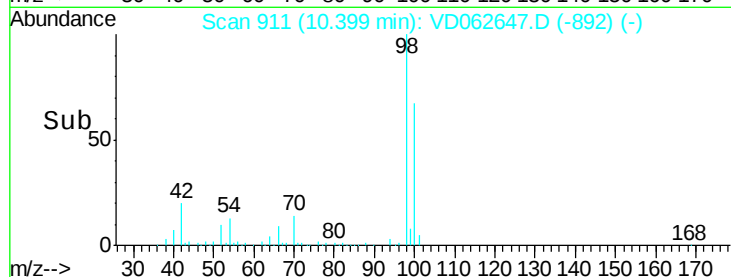
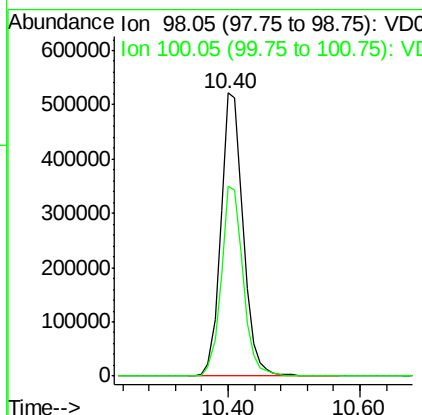
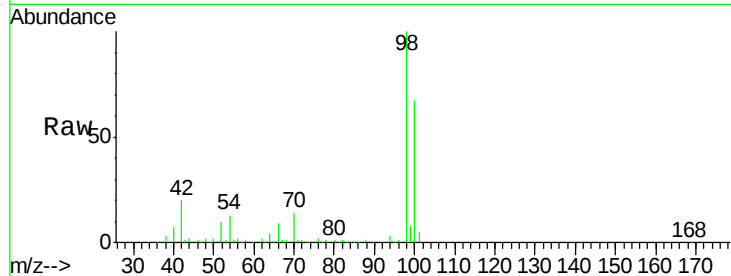




#50
Toluene-d8
Concen: 52.625 ug/l
RT: 10.40 min Scan# 911
Delta R.T. -0.01 min
Lab File: VD062647.D
Acq: 10 Jun 2019 12:12

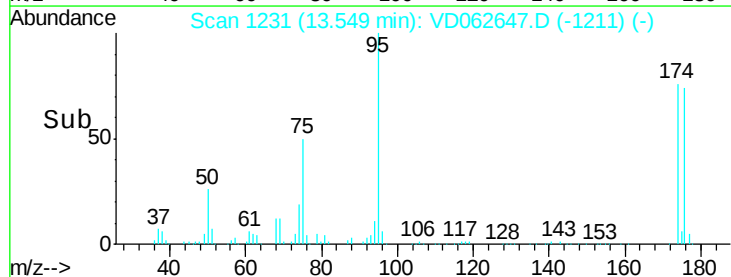
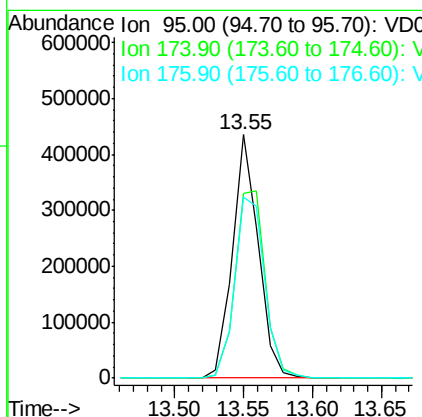
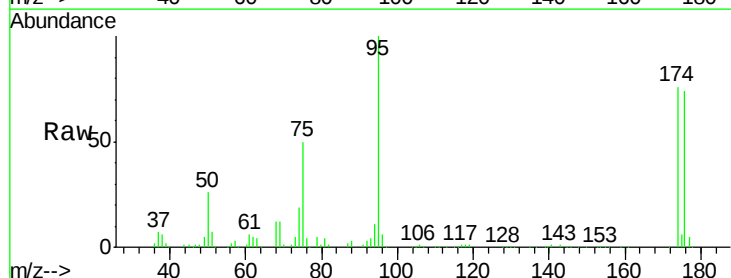
Instrument :
MSVOA_D
ClientSampleId :
VD0610SBL01

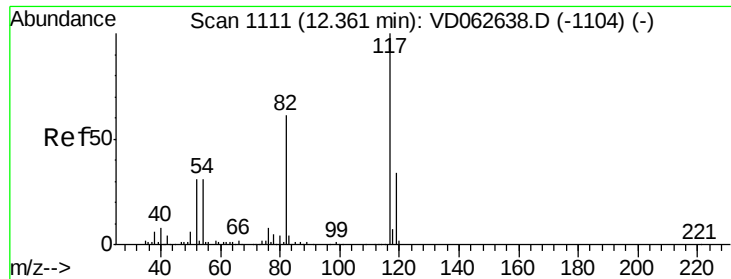
Tot Ion: 98 Resp: 1235712
Ion Ratio Lower Upper
98 100
100 67.2 52.1 78.1



#62
4-Bromofluorobenzene
Concen: 51.886 ug/l
RT: 13.55 min Scan# 1231
Delta R.T. -0.00 min
Lab File: VD062647.D
Acq: 10 Jun 2019 12:12

Tgt Ion: 95 Resp: 568417
Ion Ratio Lower Upper
95 100
174 75.7 0.0 167.0
176 74.4 0.0 159.2

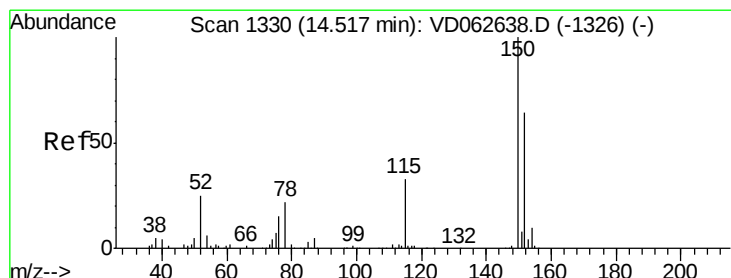
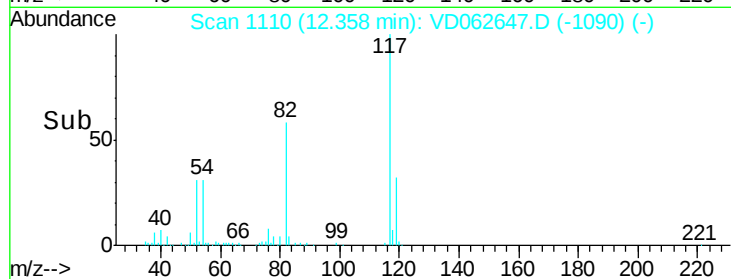
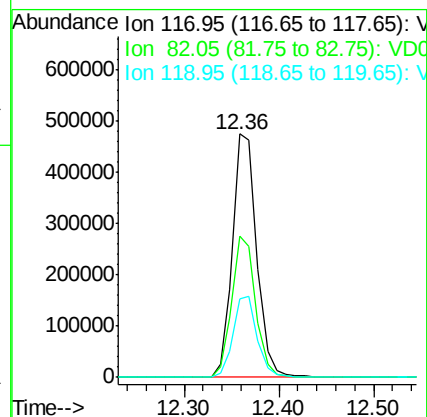
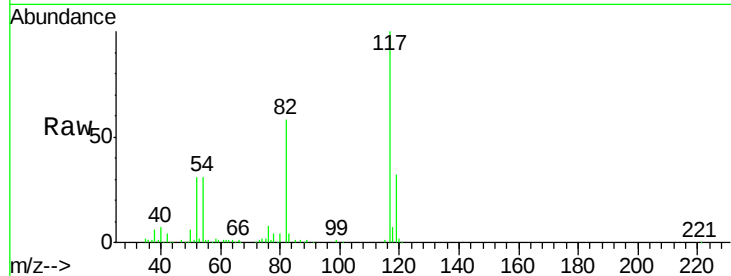




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.36 min Scan# 1110
Delta R.T. -0.00 min
Lab File: VD062647.D
Acq: 10 Jun 2019 12:12

Instrument :
MSVOA_D
ClientSampleId :
VD0610SBL01

Tot Ion:117 Resp: 841350
Ion Ratio Lower Upper
117 100
82 57.9 48.7 73.1
119 32.2 27.0 40.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.51 min Scan# 1329
Delta R.T. -0.00 min
Lab File: VD062647.D
Acq: 10 Jun 2019 12:12

Tgt Ion:152 Resp: 464428
Ion Ratio Lower Upper
152 100
115 60.1 30.1 90.5
150 147.8 0.0 314.0

