

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD062419\
 Data File : VD062856.D
 Acq On : 25 Jun 2019 00:43
 Operator : VA/AP
 Sample : VD0624SBL02
 Misc : 5.00g/5ml/MSVOA D/SOIL
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0624SBL02

Quant Time: Jun 25 06:29:57 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D061919S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 20 01:50:56 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.06	168	922312	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.23	114	1278355	50.00	ug/l	0.00
63) Chlorobenzene-d5	12.37	117	1021369	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.52	152	540163	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	7.47	65	526106	52.48	ug/l	0.00
Spiked Amount						
			Recovery	=	104.96%	
35) Dibromofluoromethane	6.94	113	557556	51.73	ug/l	0.00
Spiked Amount						
			Recovery	=	103.46%	
50) Toluene-d8	10.42	98	1249563	53.26	ug/l	0.00
Spiked Amount						
			Recovery	=	106.52%	
62) 4-Bromofluorobenzene	13.56	95	540833	50.70	ug/l	0.00
Spiked Amount						
			Recovery	=	101.40%	

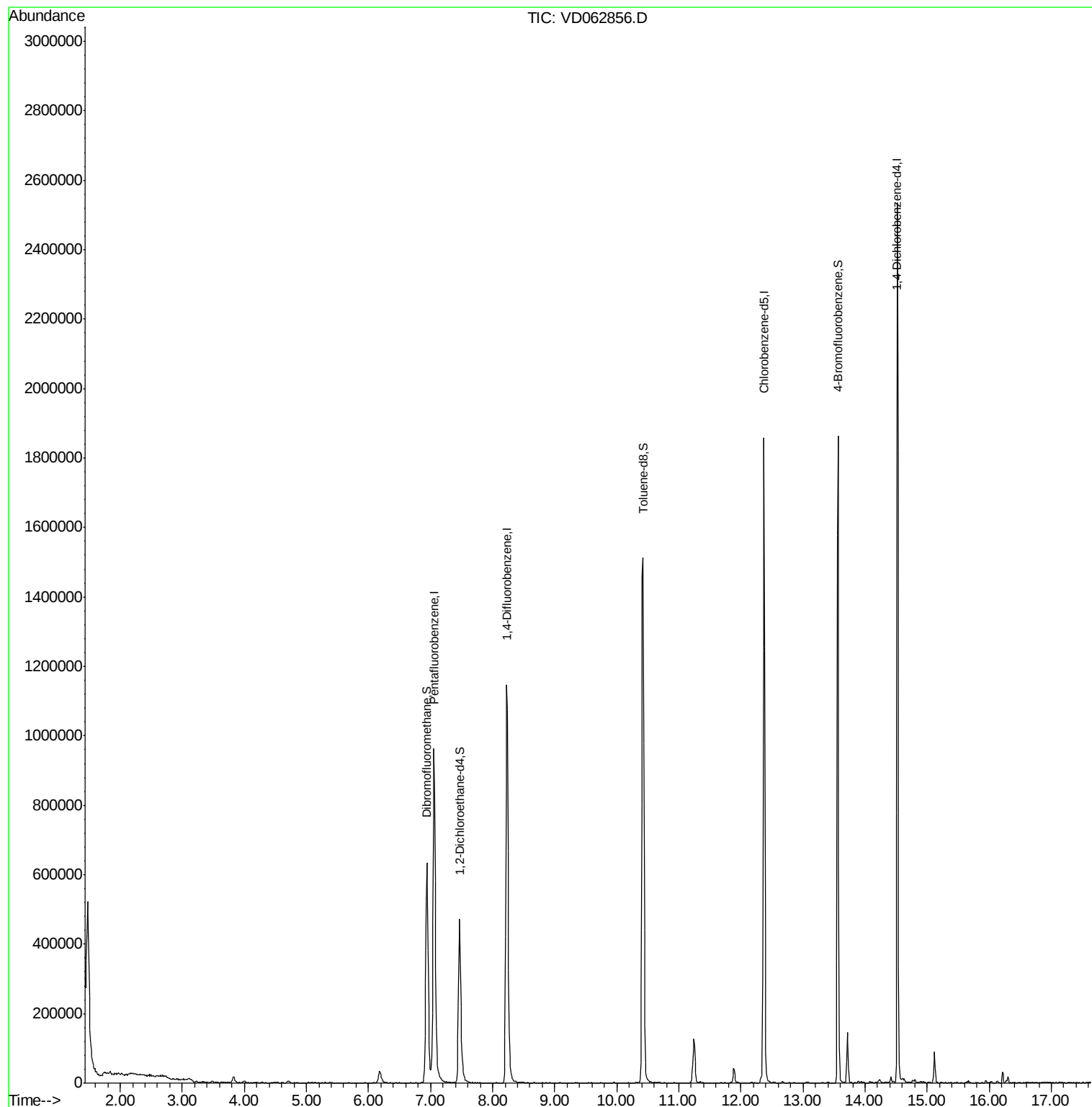
Target Compounds	Qvalue

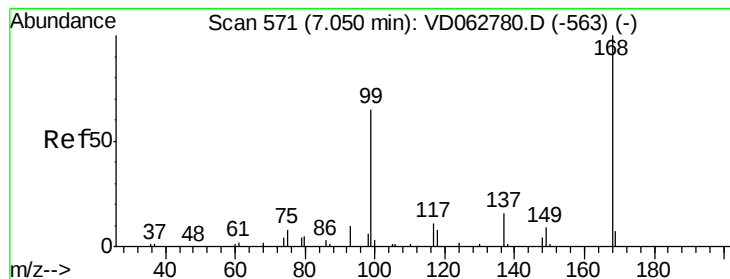
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.06 min Scan# 572

Delta R.T. 0.01 min

Lab File: VD062856.D

Acq: 25 Jun 2019 00:43

Instrument :

MSVOA_D

ClientSampleId :

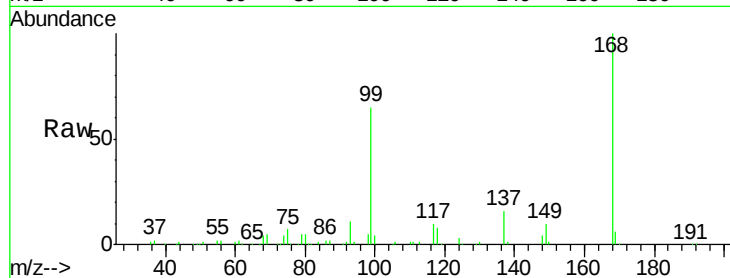
VD0624SBL02

Tot Ion:168 Resp: 922312

Ion Ratio Lower Upper

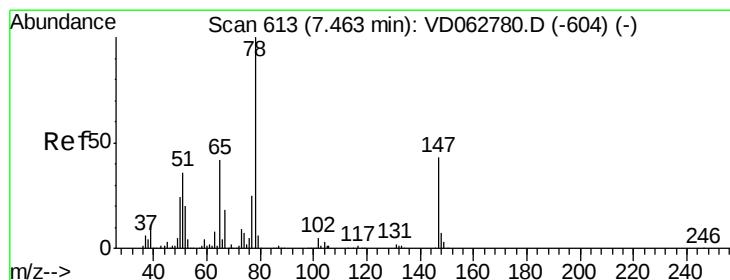
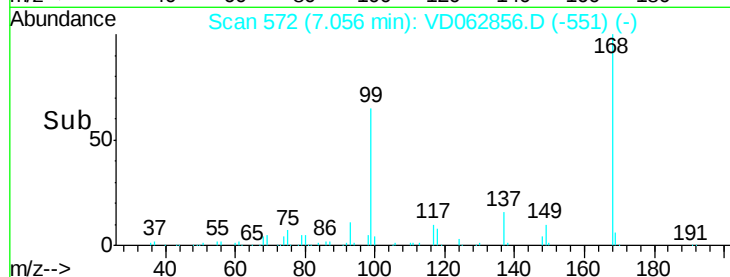
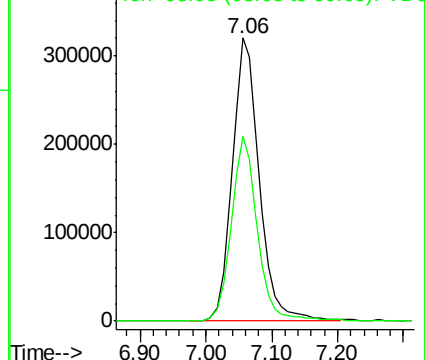
168 100

99 65.5 53.0 79.6



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: 52.477 ug/l

RT: 7.47 min Scan# 614

Delta R.T. 0.01 min

Lab File: VD062856.D

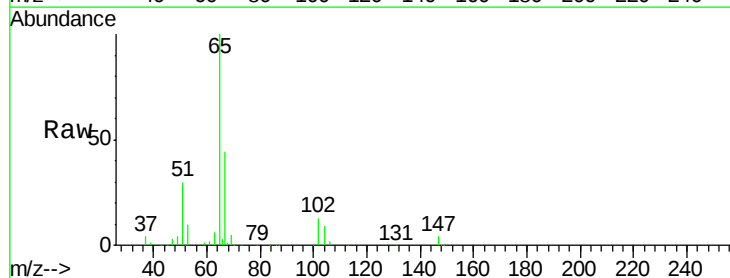
Acq: 25 Jun 2019 00:43

Tgt Ion: 65 Resp: 526106

Ion Ratio Lower Upper

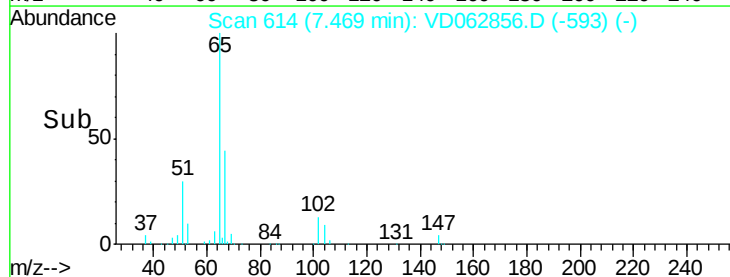
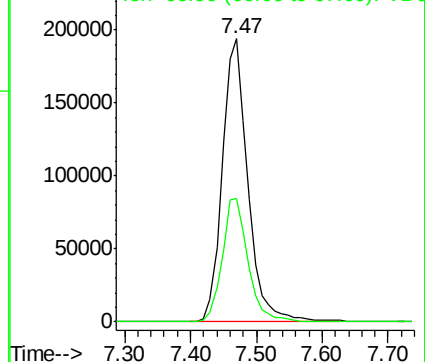
65 100

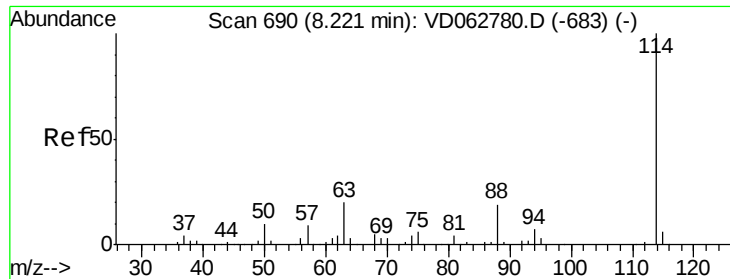
67 43.6 0.0 87.4



Abundance Ion 64.95 (64.65 to 65.65): VDC

Ion 66.90 (66.60 to 67.60): VDC

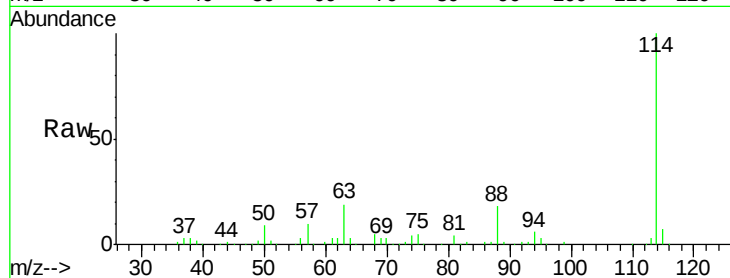




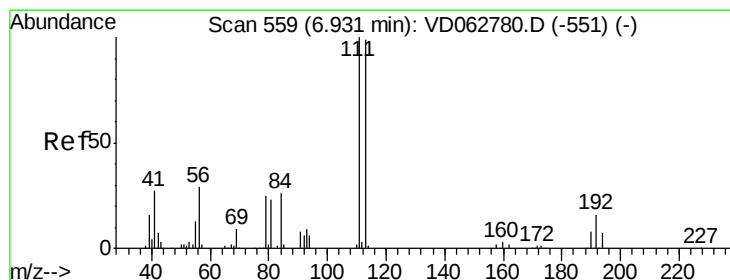
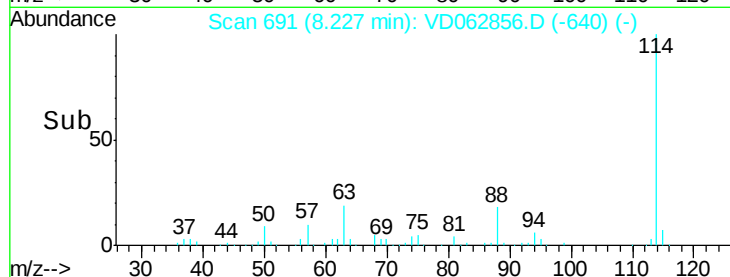
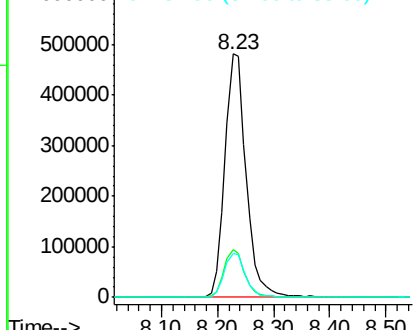
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.23 min Scan# 691
 Delta R.T. 0.01 min
 Lab File: VD062856.D
 Acq: 25 Jun 2019 00:43

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0624SBL02

Tot Ion:114 Resp: 1278355
 Ion Ratio Lower Upper
 114 100
 63 19.4 0.0 40.0
 88 18.0 0.0 38.8

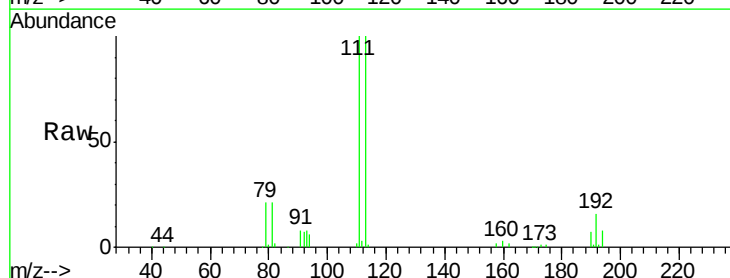


Abundance Ion 114.00 (113.70 to 114.70): V
 Ion 62.95 (62.65 to 63.65): VDC
 Ion 87.90 (87.60 to 88.60): VDC

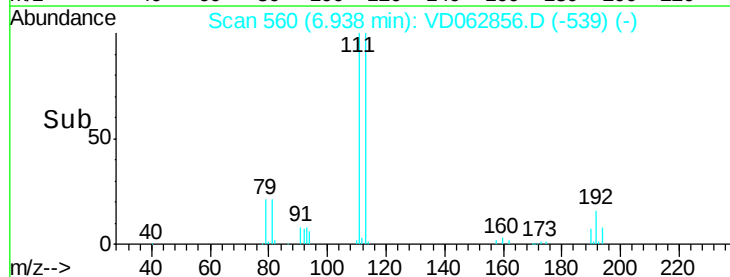
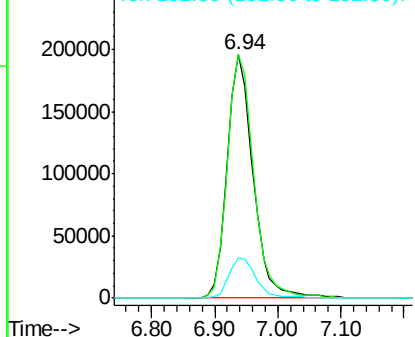


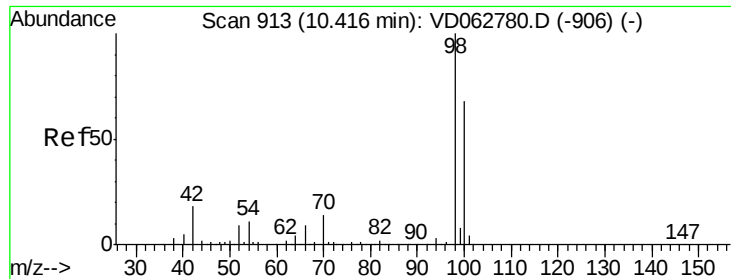
#35
 Dibromofluoromethane
 Concen: 51.726 ug/l
 RT: 6.94 min Scan# 560
 Delta R.T. 0.01 min
 Lab File: VD062856.D
 Acq: 25 Jun 2019 00:43

Tgt Ion:113 Resp: 557556
 Ion Ratio Lower Upper
 113 100
 111 99.8 81.2 121.8
 192 16.3 12.9 19.3



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

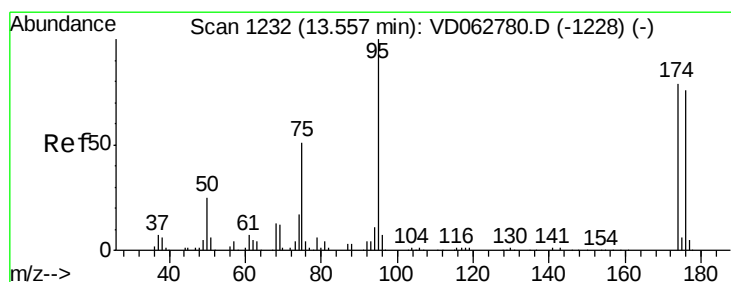
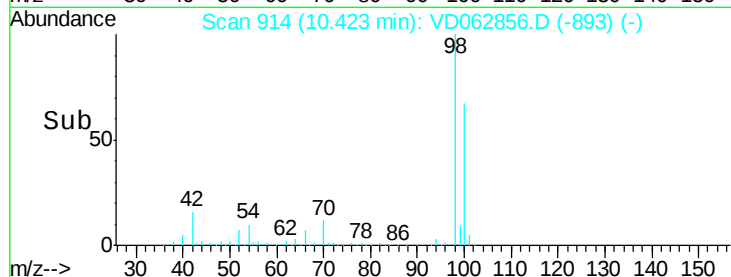
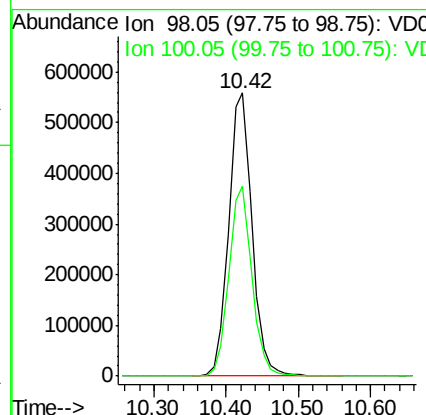
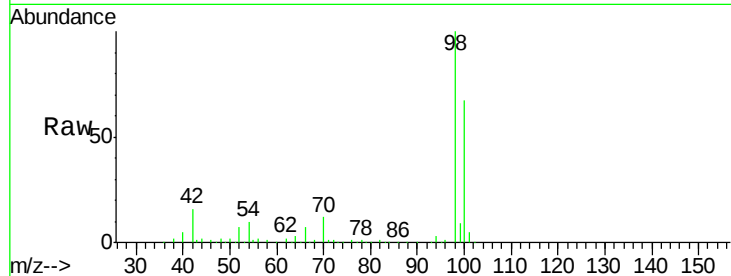




#50
Toluene-d8
Concen: 53.263 ug/l
RT: 10.42 min Scan# 914
Delta R.T. 0.01 min
Lab File: VD062856.D
Acq: 25 Jun 2019 00:43

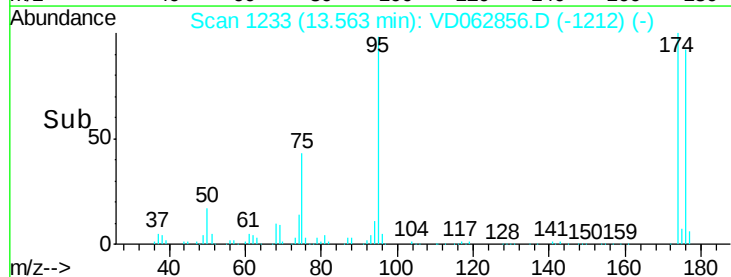
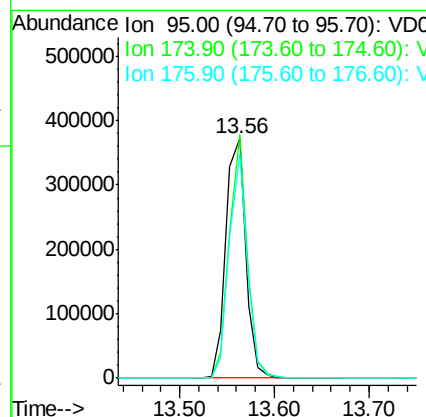
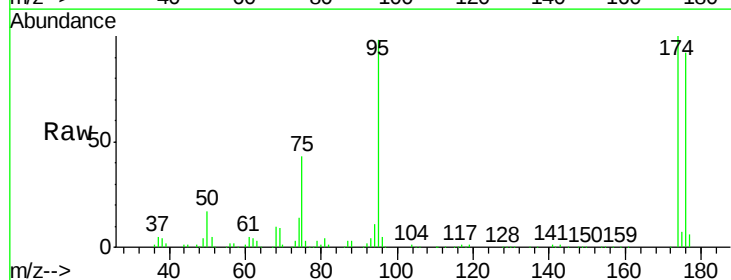
Instrument :
MSVOA_D
ClientSampleId :
VD0624SBL02

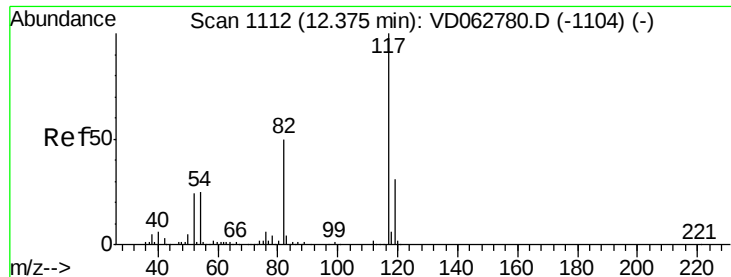
Tot Ion: 98 Resp: 1249563
Ion Ratio Lower Upper
98 100
100 67.3 54.7 82.1



#62
4-Bromofluorobenzene
Concen: 50.699 ug/l
RT: 13.56 min Scan# 1233
Delta R.T. 0.01 min
Lab File: VD062856.D
Acq: 25 Jun 2019 00:43

Tgt Ion: 95 Resp: 540833
Ion Ratio Lower Upper
95 100
174 101.8 0.0 158.0
176 94.0 0.0 151.6

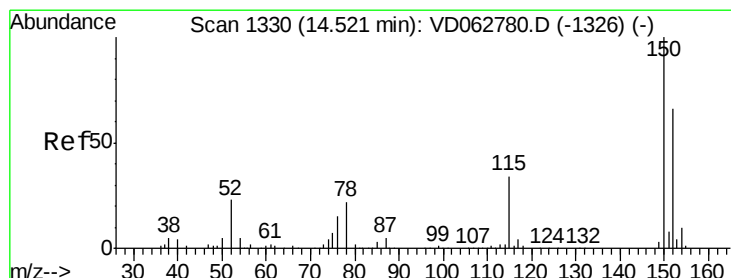
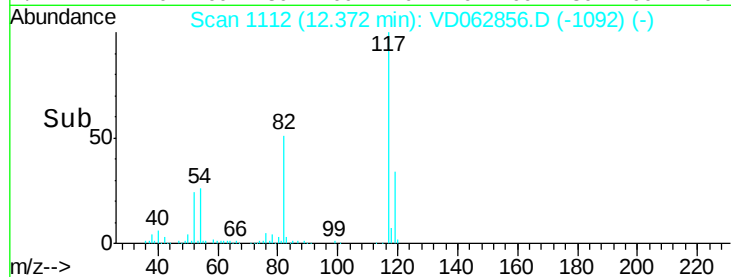
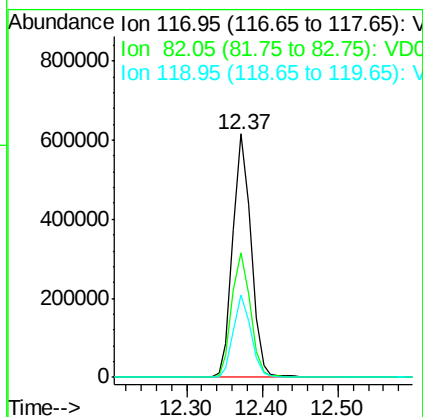
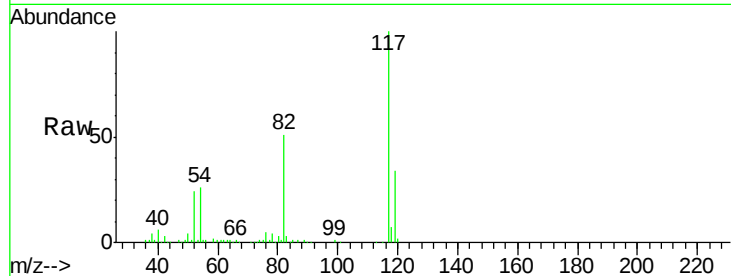




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.37 min Scan# 1112
Delta R.T. -0.00 min
Lab File: VD062856.D
Acq: 25 Jun 2019 00:43

Instrument :
MSVOA_D
ClientSampleId :
VD0624SBL02

Tot Ion:117 Resp: 1021369
Ion Ratio Lower Upper
117 100
82 51.0 40.4 60.6
119 33.7 25.2 37.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.52 min Scan# 1330
Delta R.T. -0.00 min
Lab File: VD062856.D
Acq: 25 Jun 2019 00:43

Tgt Ion:152 Resp: 540163
Ion Ratio Lower Upper
152 100
115 65.0 29.2 87.6
150 158.6 0.0 305.8

