

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD061719\
 Data File : VD062736.D
 Acq On : 17 Jun 2019 19:33
 Operator : VA/AP
 Sample : K3420-01
 Misc : 5.76g/5ml/MSVOA D/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 BAT-B12

Quant Time: Jun 18 07:04:13 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

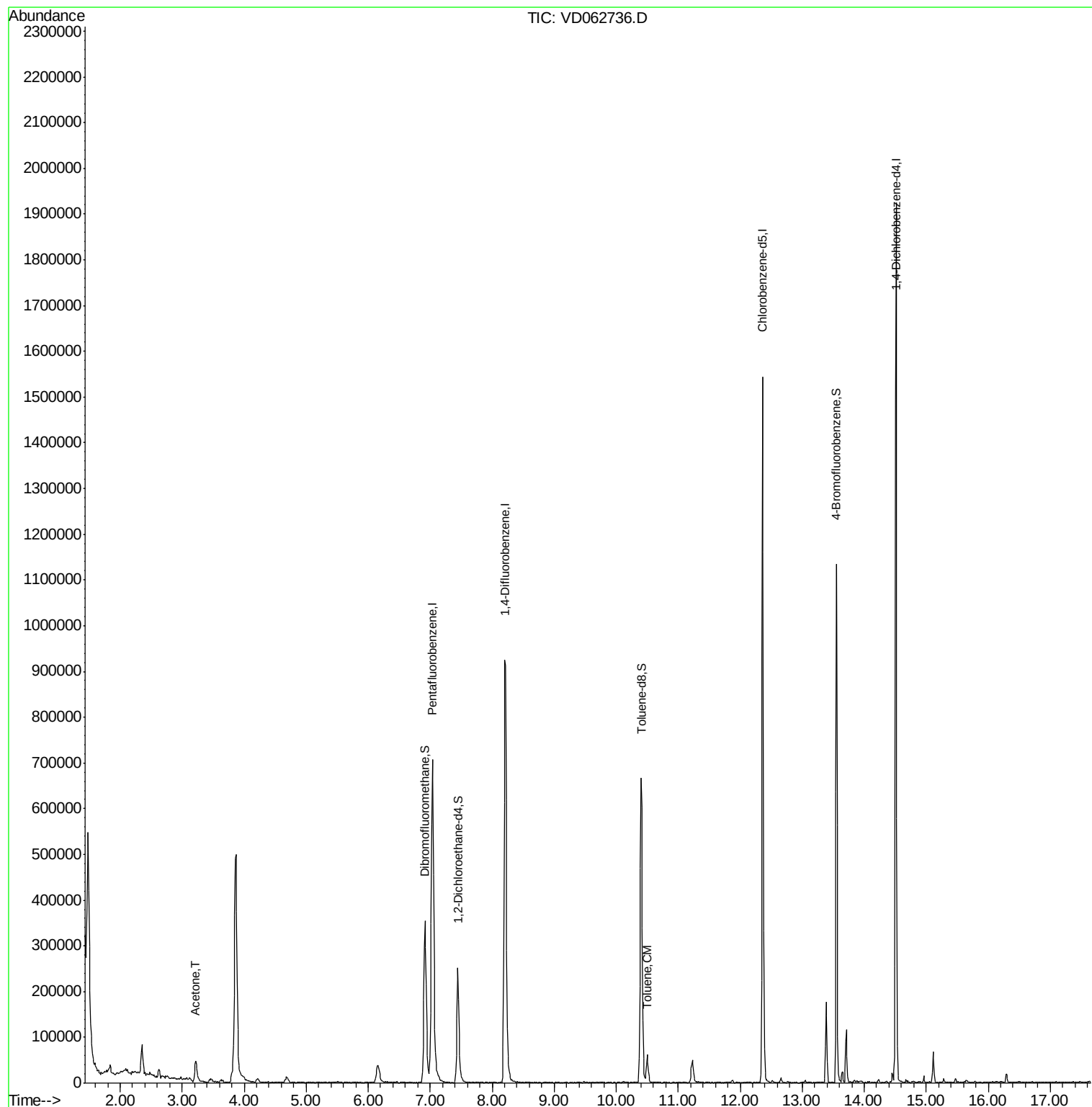
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.05	168	689623	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.22	114	974910	50.00	ug/l	0.00
63) Chlorobenzene-d5	12.36	117	817848	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.52	152	421433	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.45	65	284361	28.58	ug/l	0.00
Spiked Amount 50.000			Recovery	=	57.16%	
35) Dibromofluoromethane	6.92	113	308808	30.03	ug/l	0.00
Spiked Amount 50.000			Recovery	=	60.06%	
50) Toluene-d8	10.40	98	543322	25.12	ug/l	0.00
Spiked Amount 50.000			Recovery	=	50.24%	
62) 4-Bromofluorobenzene	13.55	95	294540	29.19	ug/l	0.00
Spiked Amount 50.000			Recovery	=	58.38%	
Target Compounds						
16) Acetone	3.22	43	99086	54.376	ug/l	98
52) Toluene	10.50	92	25505	1.741	ug/l	99

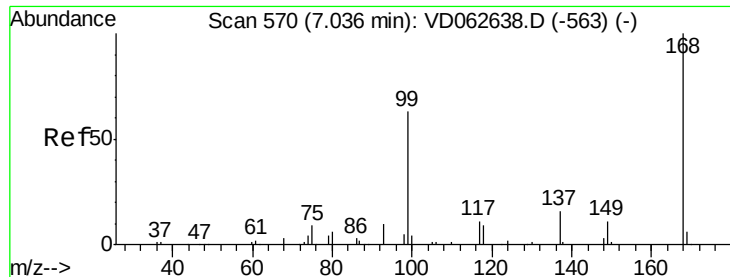
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VD062736.D

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Instrument :

MSVOA_D

ClientSampleId :

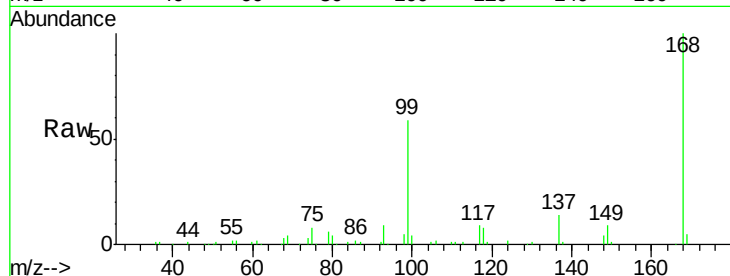
BAT-B12

Tot Ion:168 Resp: 689623

Ion Ratio Lower Upper

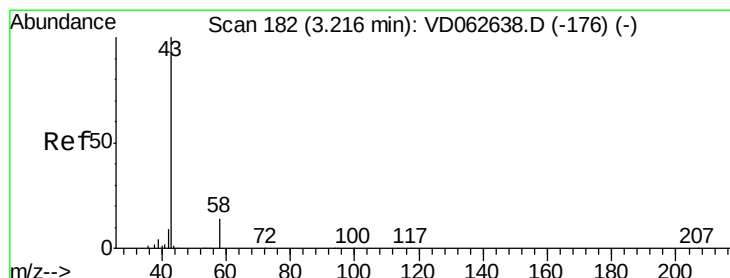
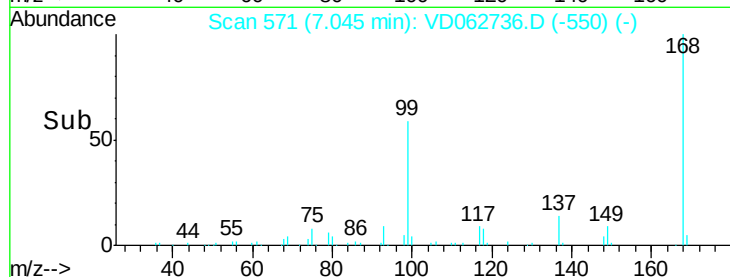
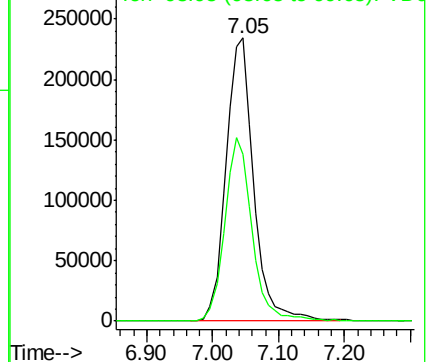
168 100

99 59.2 51.4 77.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC



#16

Acetone

Concen: 54.376 ug/l

RT: 3.22 min Scan# 182

Delta R.T. 0.00 min

Lab File: VD062736.D

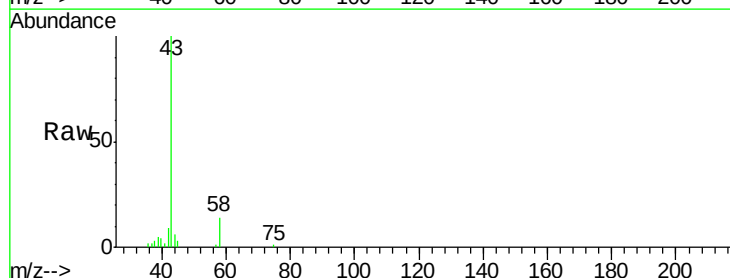
Acq: 17 Jun 2019 19:33

Tgt Ion: 43 Resp: 99086

Ion Ratio Lower Upper

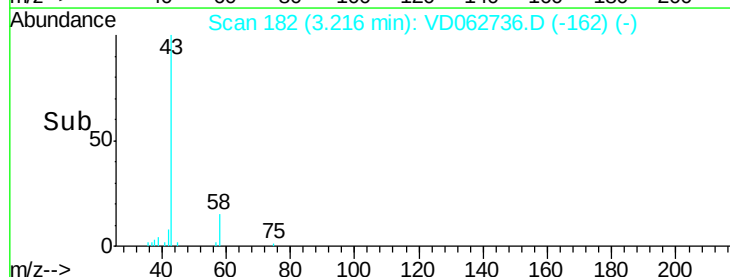
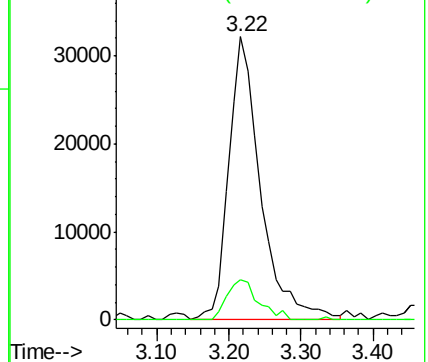
43 100

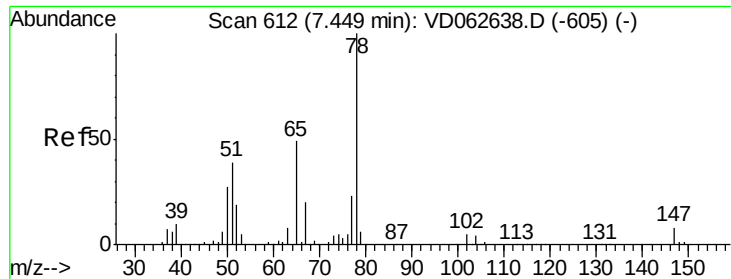
58 14.3 10.8 16.2



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC

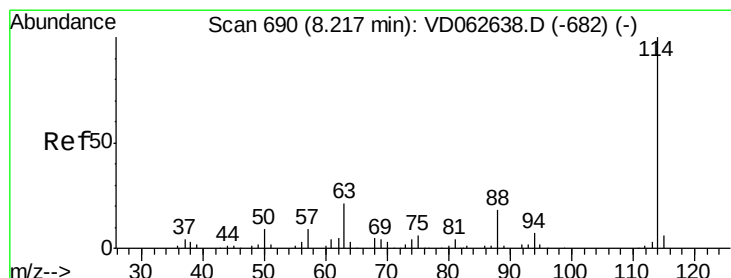
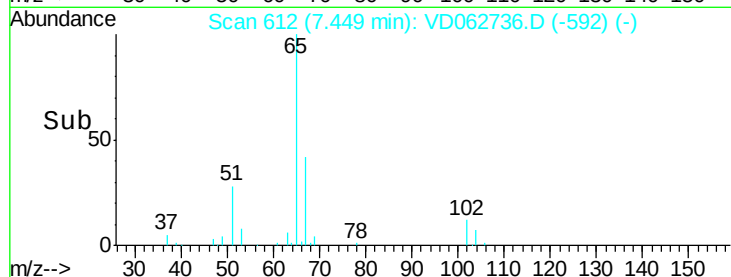
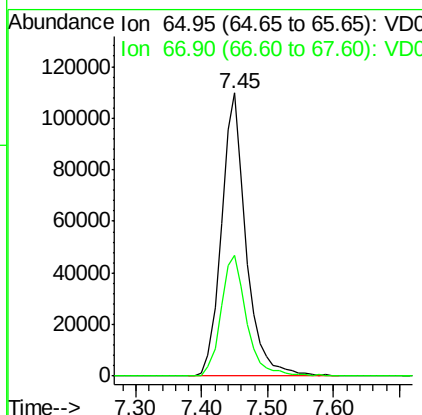
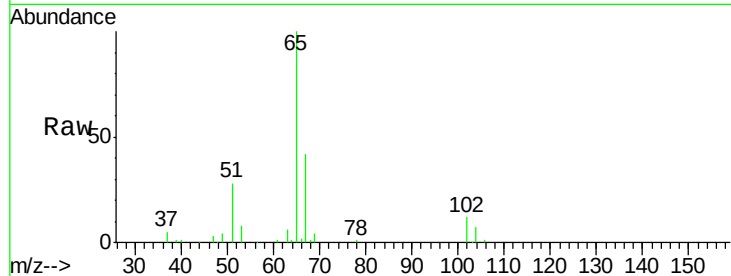




#33
 1,2-Dichloroethane-d4
 Concen: 28.576 ug/l
 RT: 7.45 min Scan# 612
 Delta R.T. 0.00 min
 Lab File: VD062736.D
 Acq: 17 Jun 2019 19:33

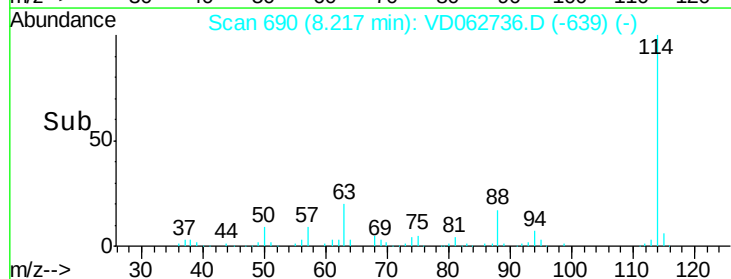
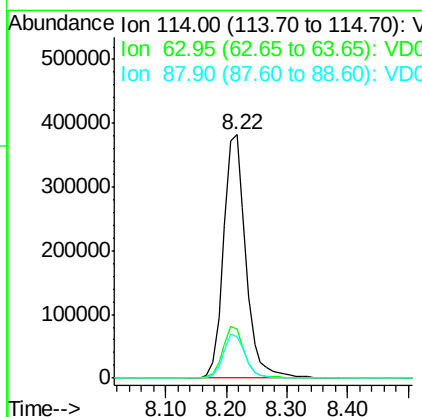
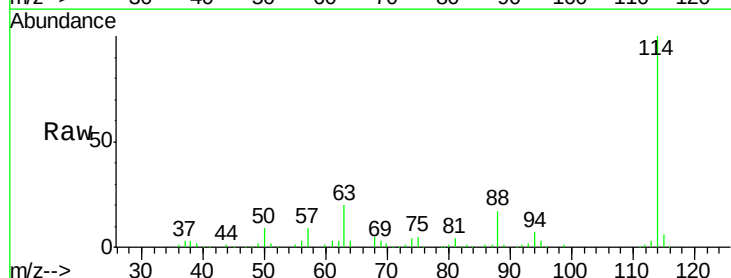
Instrument :
 MSVOA_D
 ClientSampleId :
 BAT-B12

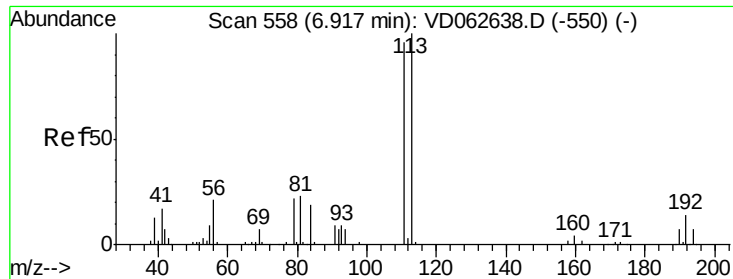
Tot Ion: 65 Resp: 284361
 Ion Ratio Lower Upper
 65 100
 67 42.5 0.0 81.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.22 min Scan# 690
 Delta R.T. 0.00 min
 Lab File: VD062736.D
 Acq: 17 Jun 2019 19:33

Tgt Ion: 114 Resp: 974910
 Ion Ratio Lower Upper
 114 100
 63 20.0 0.0 42.4
 88 17.2 0.0 36.8

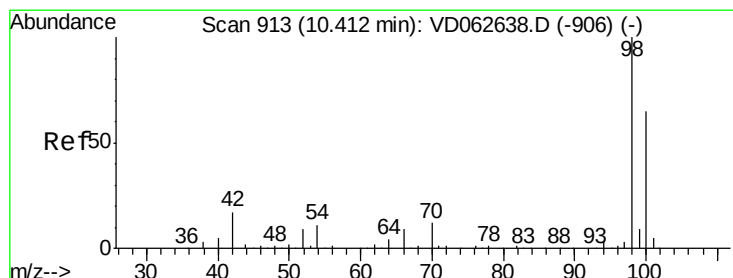
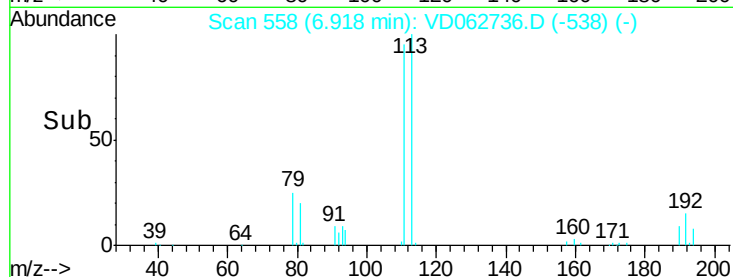
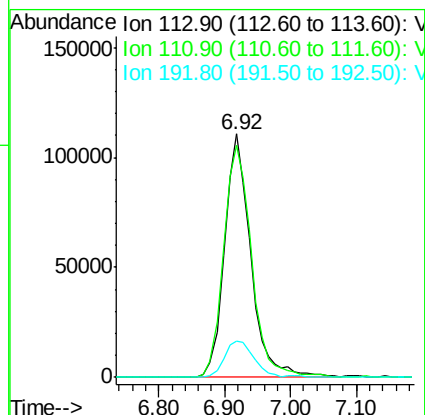
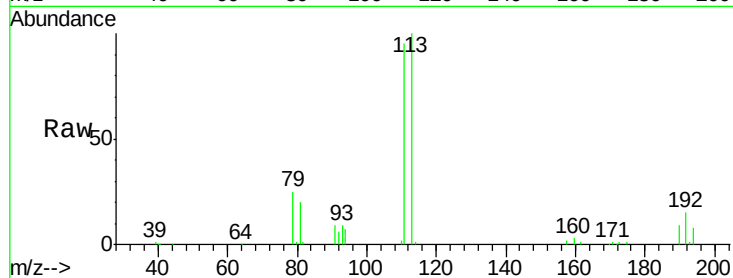




#35
Dibromofluoromethane
Concen: 30.035 ug/l
RT: 6.92 min Scan# 558
Delta R.T. 0.00 min
Lab File: VD062736.D
Acq: 17 Jun 2019 19:33

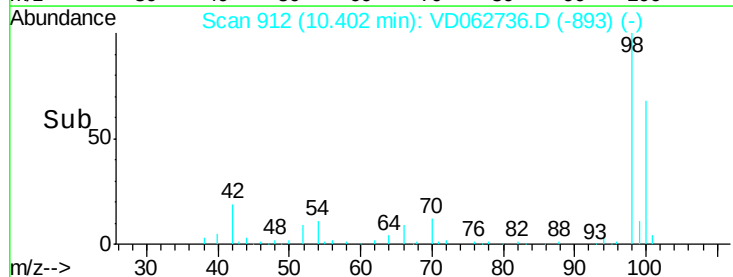
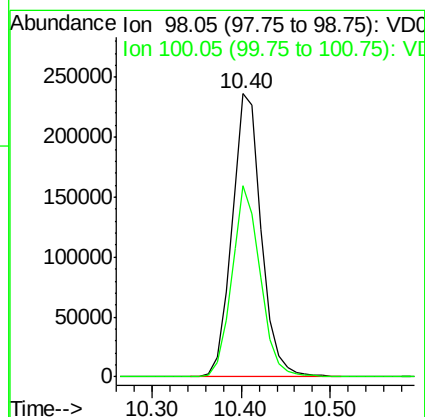
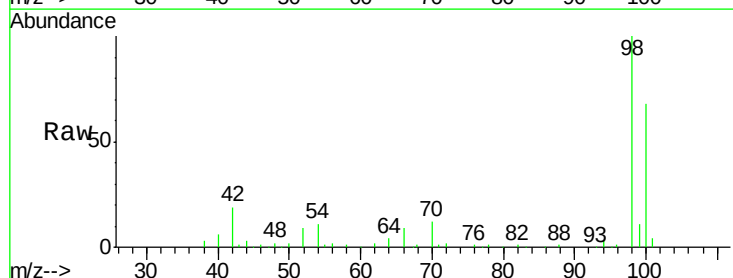
Instrument :
MSVOA_D
ClientSampled :
BAT-B12

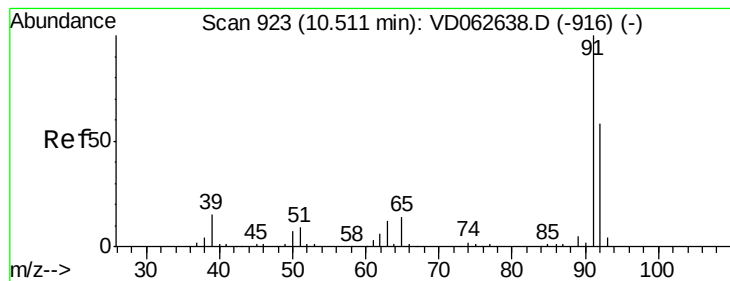
Tot Ion:113 Resp: 308808
Ion Ratio Lower Upper
113 100
111 95.1 76.4 114.6
192 14.9 11.4 17.0



#50
Toluene-d8
Concen: 25.120 ug/l
RT: 10.40 min Scan# 912
Delta R.T. -0.01 min
Lab File: VD062736.D
Acq: 17 Jun 2019 19:33

Tgt Ion: 98 Resp: 543322
Ion Ratio Lower Upper
98 100
100 67.6 52.1 78.1





#52

Toluene

Concen: 1.741 ug/l

RT: 10.50 min Scan# 922

Delta R.T. -0.01 min

Lab File: VD062736.D

Acq: 17 Jun 2019 19:33

Instrument :

MSVOA_D

ClientSampleId :

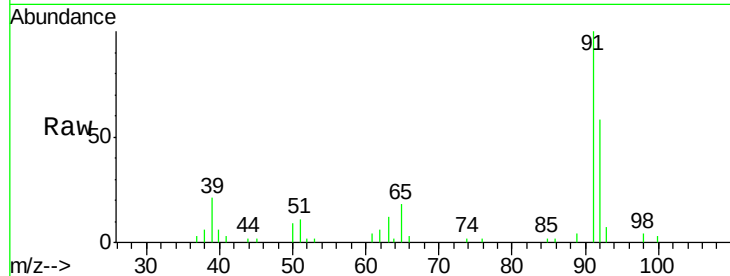
BAT-B12

Tot Ion: 92 Resp: 25505

Ion Ratio Lower Upper

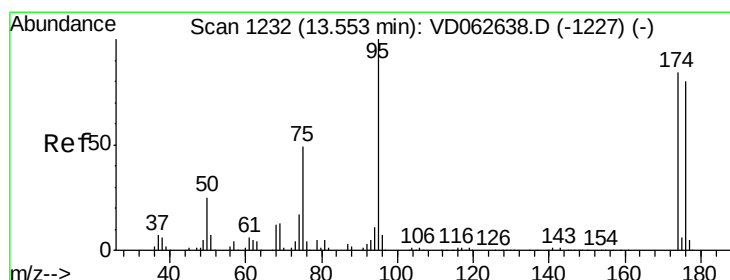
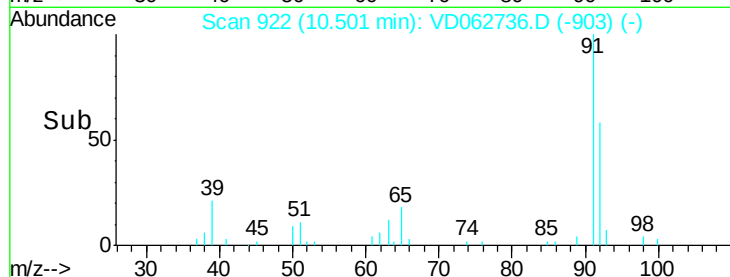
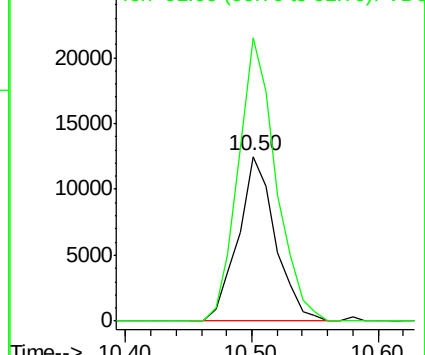
92 100

91 172.0 137.0 205.6



Abundance Ion 92.00 (91.70 to 92.70): VDC

Ion 91.00 (90.70 to 91.70): VDC



#62

4-Bromofluorobenzene

Concen: 29.189 ug/l

RT: 13.55 min Scan# 1232

Delta R.T. 0.00 min

Lab File: VD062736.D

Acq: 17 Jun 2019 19:33

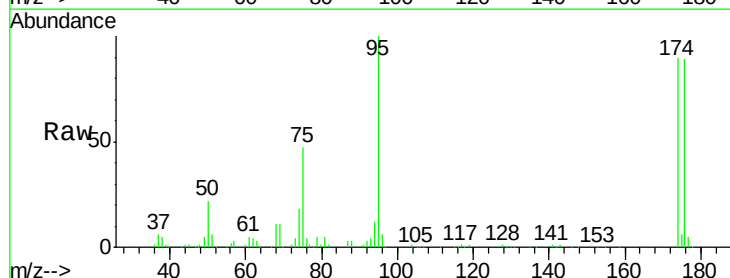
Tgt Ion: 95 Resp: 294540

Ion Ratio Lower Upper

95 100

174 89.5 0.0 167.0

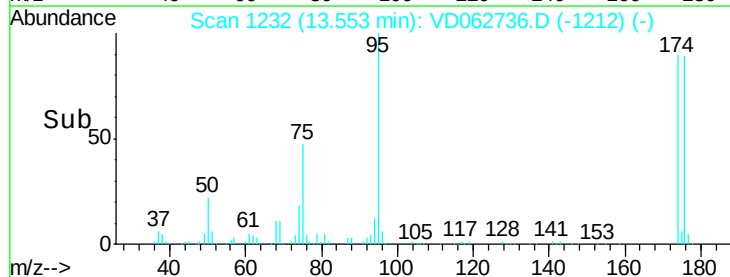
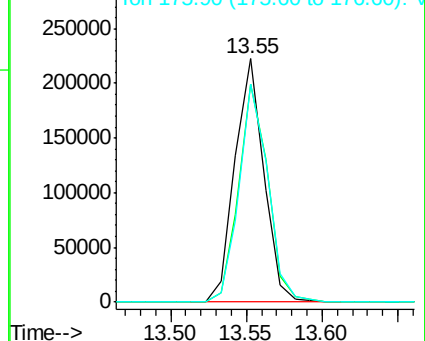
176 89.5 0.0 159.2

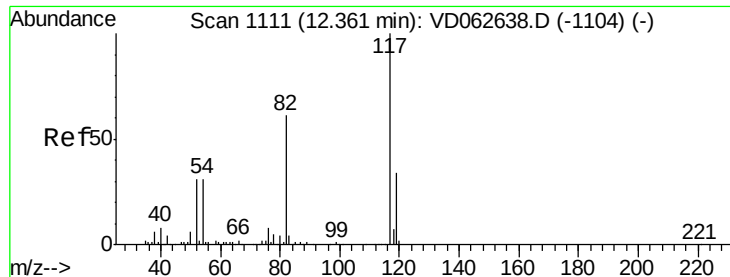


Abundance Ion 95.00 (94.70 to 95.70): VDC

Ion 173.90 (173.60 to 174.60): V

Ion 175.90 (175.60 to 176.60): V

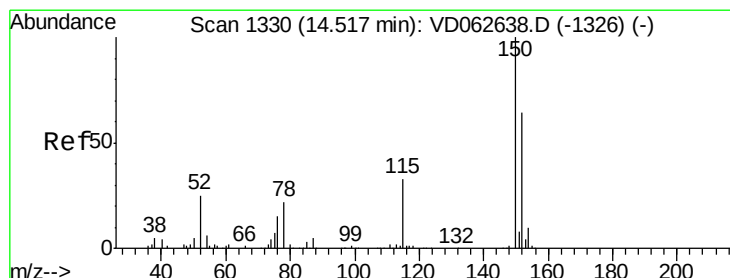
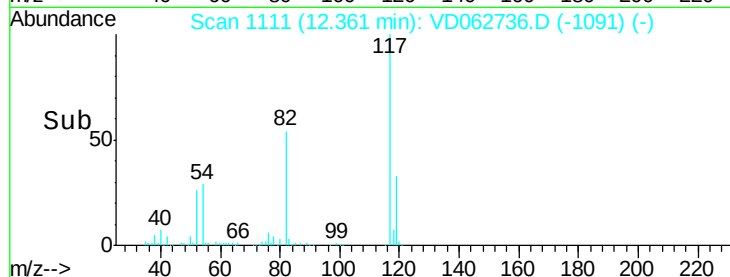
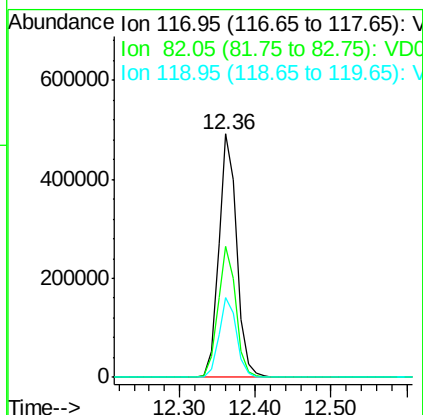
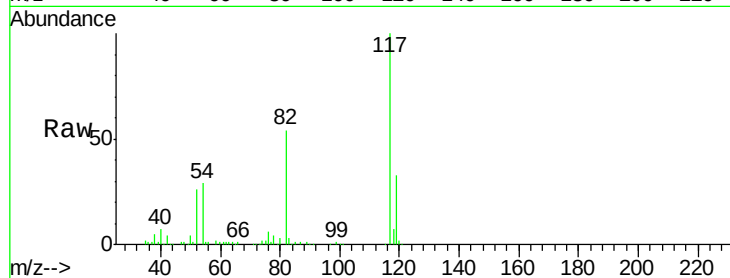




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.36 min Scan# 1111
Delta R.T. 0.00 min
Lab File: VD062736.D
Acq: 17 Jun 2019 19:33

Instrument :
MSVOA_D
ClientSampleId :
BAT-B12

Tot Ion:117 Resp: 817848
Ion Ratio Lower Upper
117 100
82 53.6 48.7 73.1
119 32.6 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: VD062736.D
Acq: 17 Jun 2019 19:33

Tgt Ion:152 Resp: 421433
Ion Ratio Lower Upper
152 100
115 58.5 30.1 90.5
150 158.4 0.0 314.0

