

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD041119\
 Data File : VD061755.D
 Acq On : 11 Apr 2019 21:47
 Operator : VA/AP
 Sample : K2356-02
 Misc : 5.05g/5ml/MSVOA D/SOIL
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Apr 12 01:03:43 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D040619S.M
 Quant Title : SW846 8260
 QLast Update : Mon Apr 08 10:04:03 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.05	168	1047	50.00	ug/l	0.01
34) 1,4-Difluorobenzene	8.21	114	3542	50.00	ug/l	0.00
63) Chlorobenzene-d5	12.36	117	2776	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.51	152	726	50.00	ug/l	0.00

System Monitoring Compounds		R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4		7.44	65	889	112.02	ug/l	-0.02
Spiked Amount	50.000			Recovery	=	224.04%	
35) Dibromofluoromethane		6.90	113	735	29.95	ug/l	-0.02
Spiked Amount	50.000			Recovery	=	59.90%	
50) Toluene-d8		10.40	98	3458	56.09	ug/l	0.00
Spiked Amount	50.000			Recovery	=	112.18%	
62) 4-Bromofluorobenzene		13.55	95	1288	62.70	ug/l	0.00
Spiked Amount	50.000			Recovery	=	125.40%	

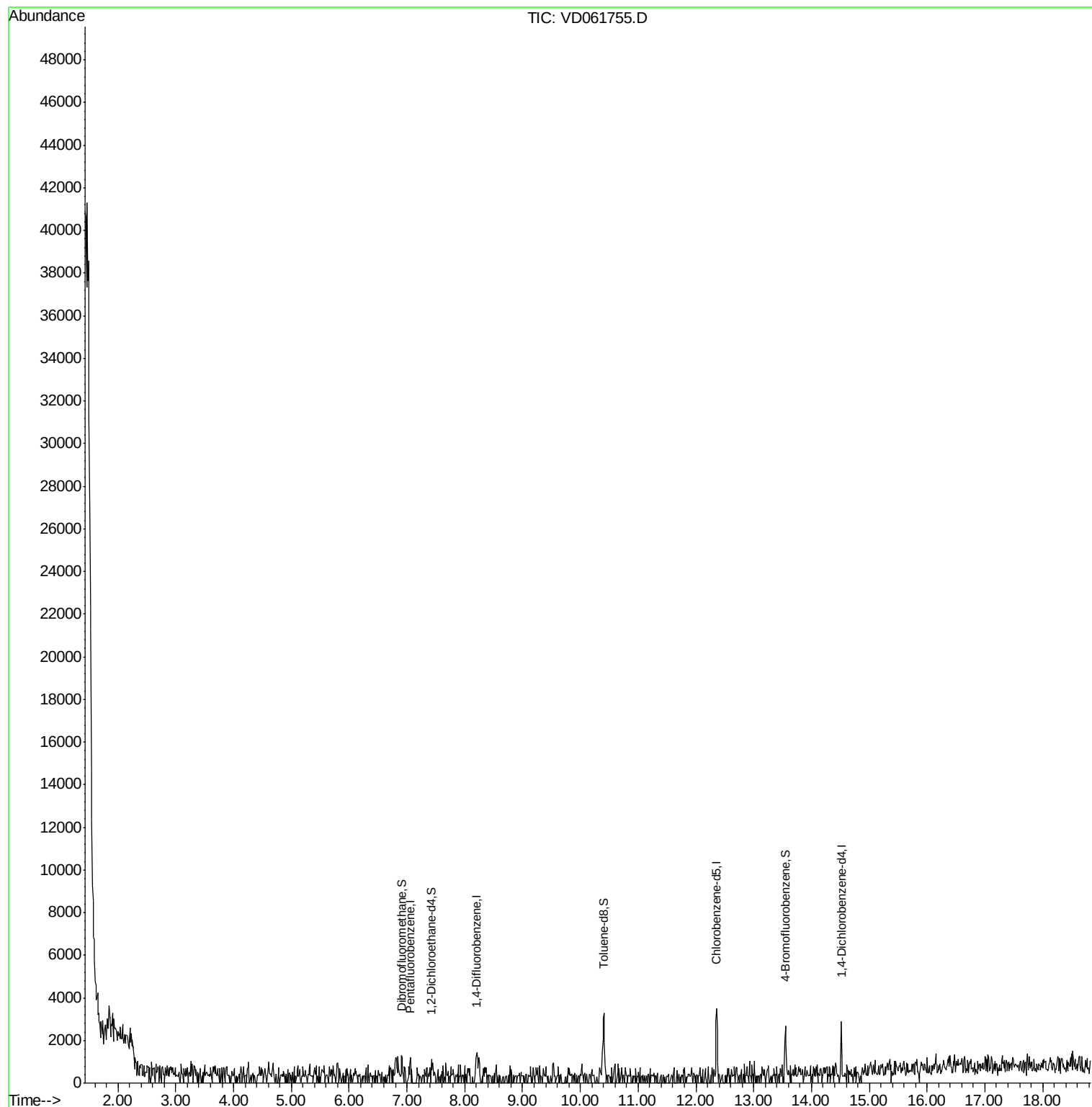
Target Compounds	Qvalue
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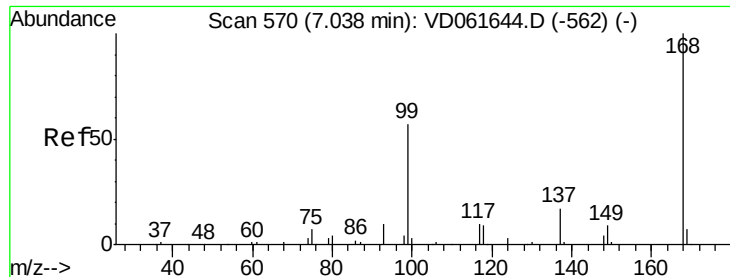
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.05 min Scan# 572

Delta R.T. 0.01 min

Lab File: VD061755.D

Acq: 11 Apr 2019 21:47

Instrument :

MSVOA_D

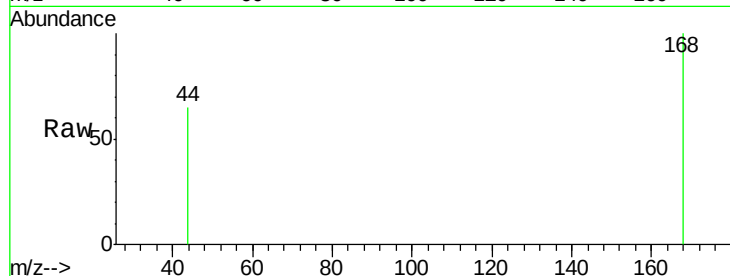
ClientSampleId :

Tot Ion:168 Resp: 1047

Ion Ratio Lower Upper

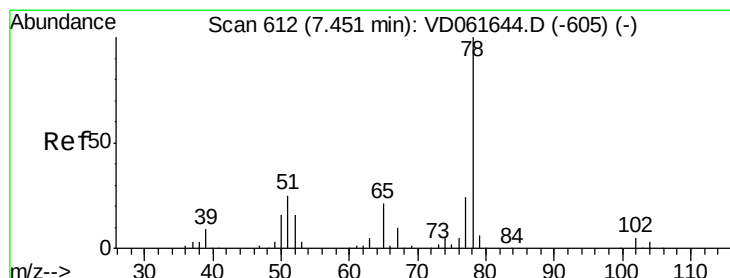
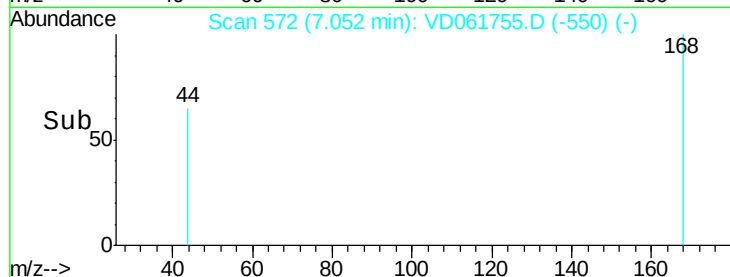
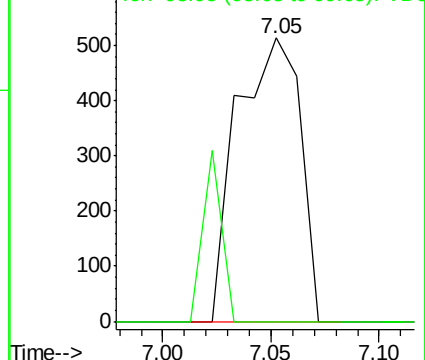
168 100

99 0.0 46.8 70.2#



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: N.D. ug/l

RT: 7.44 min Scan# 611

Delta R.T. -0.02 min

Lab File: VD061755.D

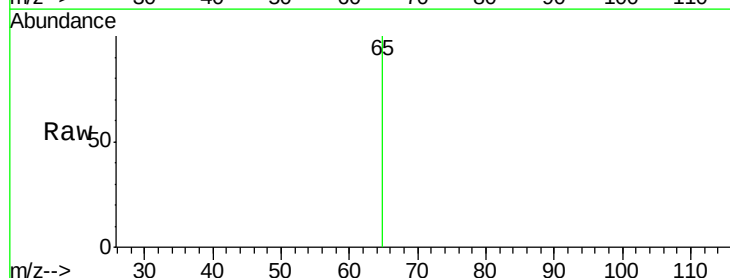
Acq: 11 Apr 2019 21:47

Tgt Ion: 65 Resp: 889

Ion Ratio Lower Upper

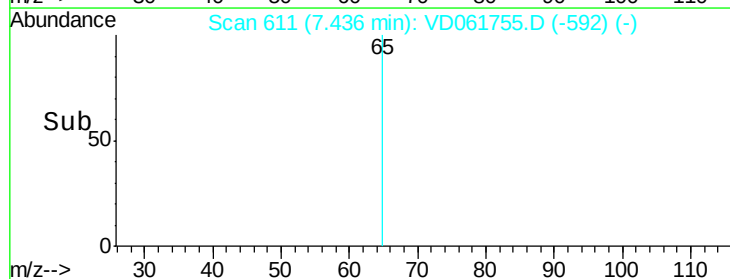
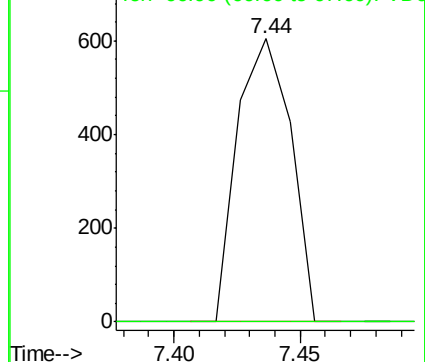
65 100

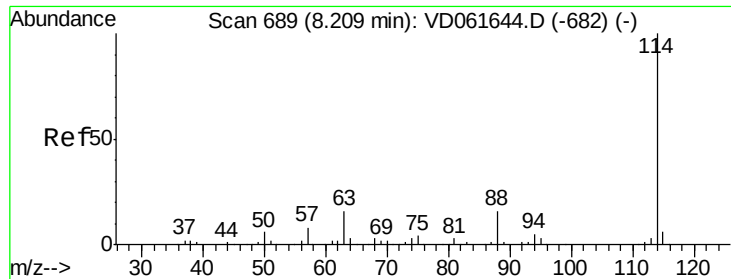
67 0.0 0.0 99.4



Abundance Ion 64.95 (64.65 to 65.65): VDC

Ion 66.90 (66.60 to 67.60): VDC

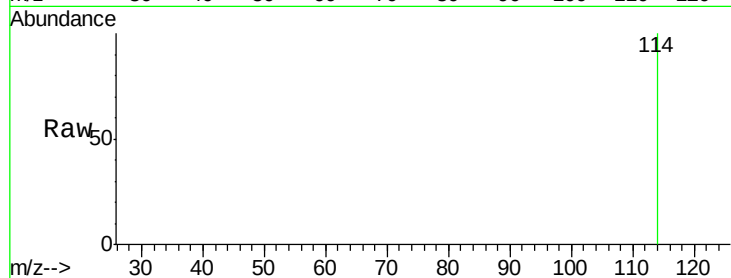




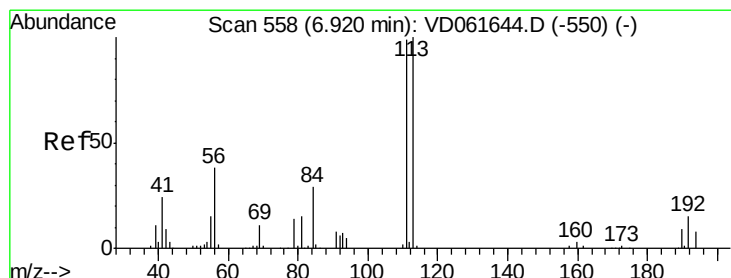
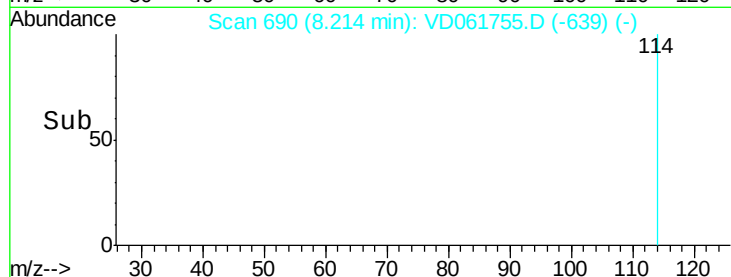
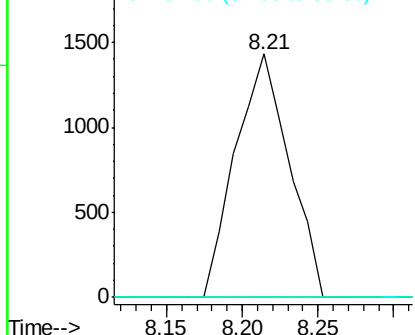
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.21 min Scan# 690
 Delta R.T. 0.00 min
 Lab File: VD061755.D
 Acq: 11 Apr 2019 21:47

Instrument :
 MSVOA_D
 ClientSampleId :

Tot Ion:114 Resp: 3542
 Ion Ratio Lower Upper
 114 100
 63 0.0 0.0 31.2
 88 0.0 0.0 31.8

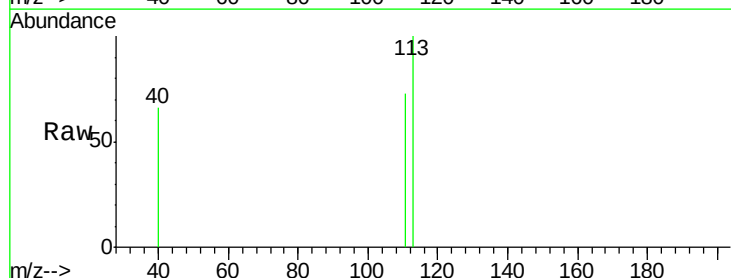


Abundance Ion 114.00 (113.70 to 114.70): V
 Ion 62.95 (62.65 to 63.65): V
 Ion 87.90 (87.60 to 88.60): V

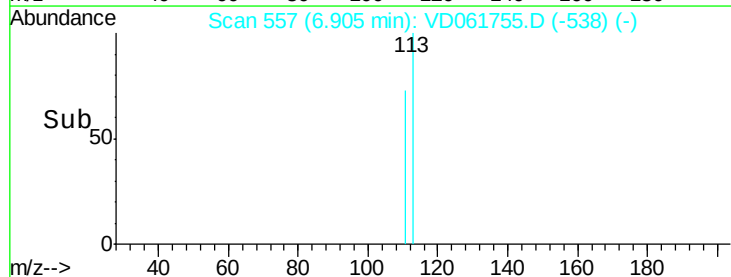
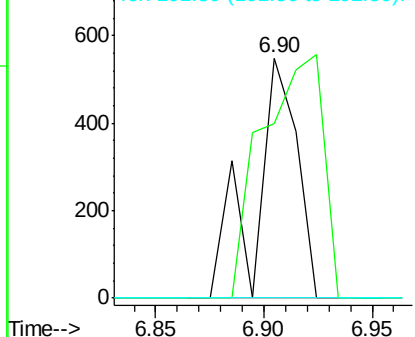


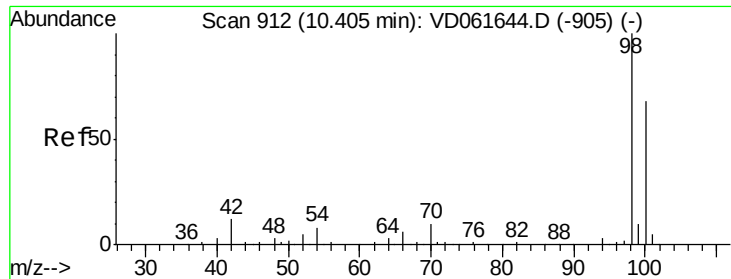
#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 6.90 min Scan# 557
 Delta R.T. -0.02 min
 Lab File: VD061755.D
 Acq: 11 Apr 2019 21:47

Tgt Ion:113 Resp: 735
 Ion Ratio Lower Upper
 113 100
 111 72.7 79.3 118.9#
 192 0.0 12.3 18.5#



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

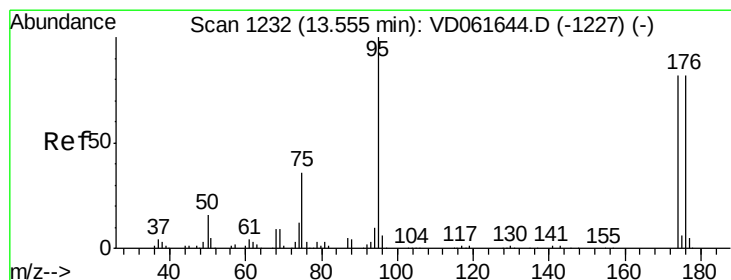
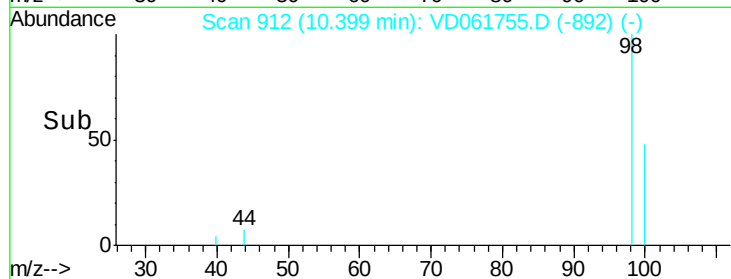
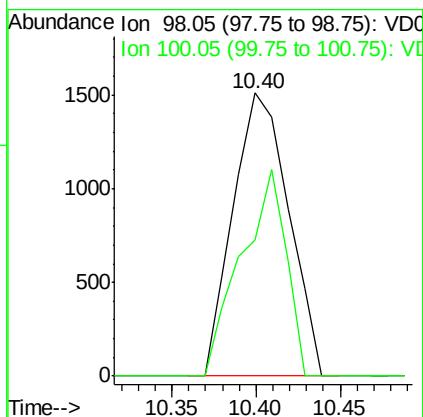
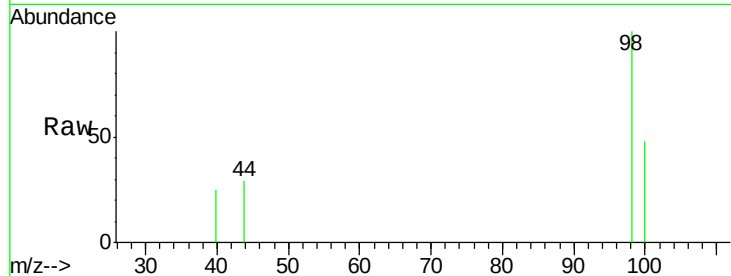




#50
Toluene-d8
Concen: N.D. ug/l
RT: 10.40 min Scan# 912
Delta R.T. -0.01 min
Lab File: VD061755.D
Acq: 11 Apr 2019 21:47

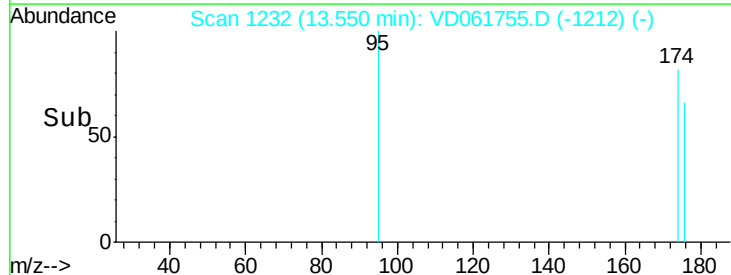
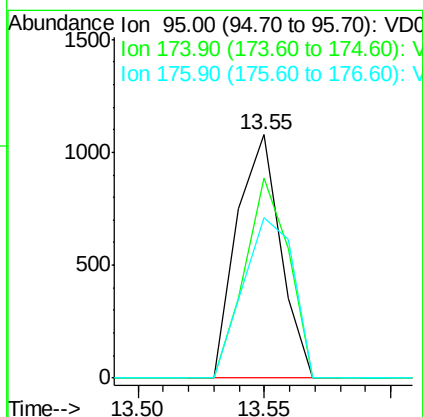
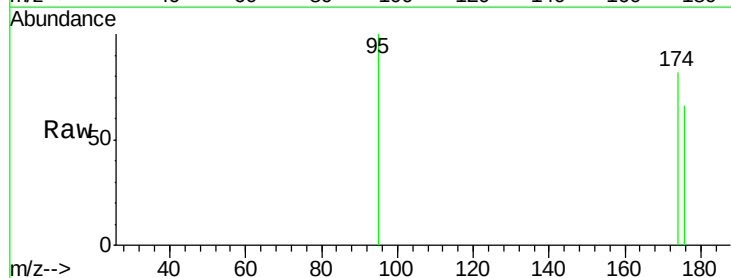
Instrument :
MSVOA_D
ClientSampleId :

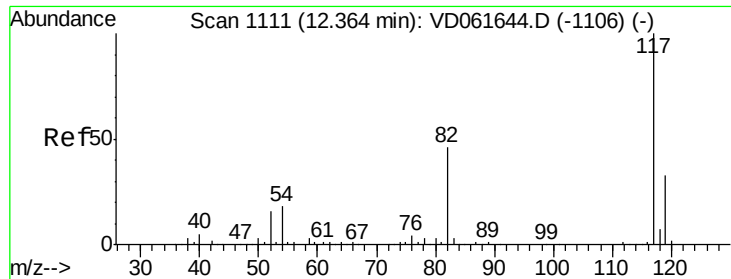
Tot Ion: 98 Resp: 3458
Ion Ratio Lower Upper
98 100
100 48.1 55.4 83.0#



#62
4-Bromofluorobenzene
Concen: N.D. ug/l
RT: 13.55 min Scan# 1232
Delta R.T. -0.00 min
Lab File: VD061755.D
Acq: 11 Apr 2019 21:47

Tgt Ion: 95 Resp: 1288
Ion Ratio Lower Upper
95 100
174 82.3 0.0 164.6
176 66.1 0.0 165.0

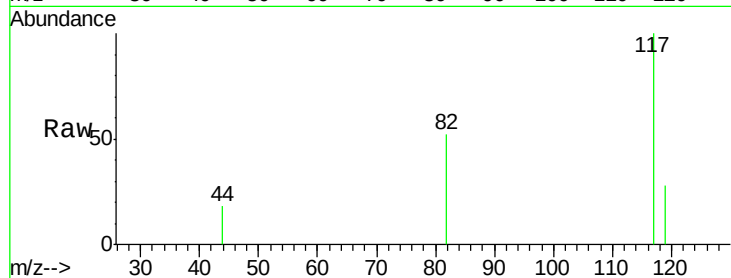




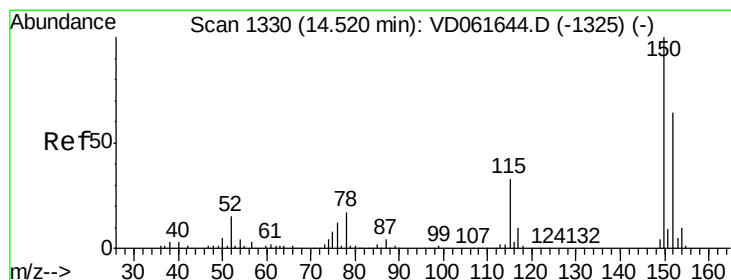
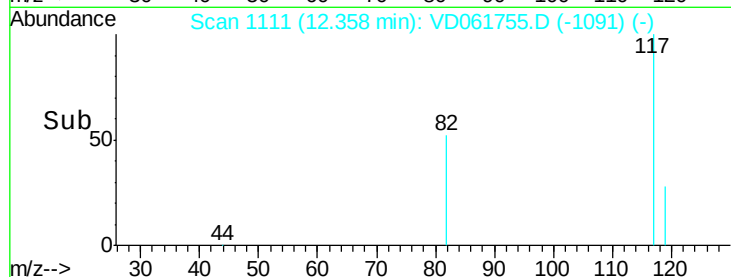
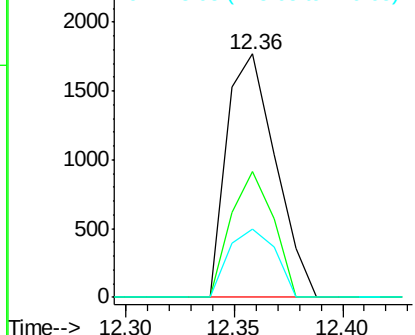
#63
 Chlorobenzene-d5
 Concen: 50.000 ug/l
 RT: 12.36 min Scan# 1111
 Delta R.T. -0.01 min
 Lab File: VD061755.D
 Acq: 11 Apr 2019 21:47

Instrument :
 MSVOA_D
 ClientSampleID :

Tot Ion:117 Resp: 2776
 Ion Ratio Lower Upper
 117 100
 82 51.6 36.8 55.2
 119 28.1 26.1 39.1

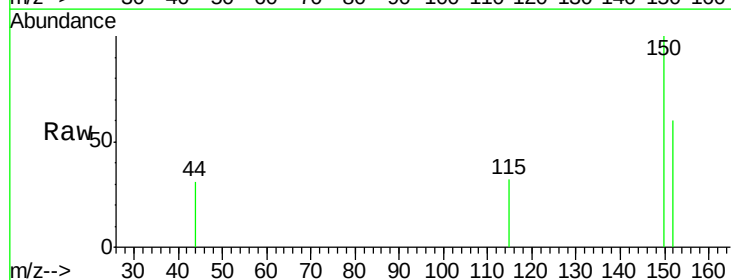


Abundance Ion 116.95 (116.65 to 117.65): V
 Ion 82.05 (81.75 to 82.75): V
 Ion 118.95 (118.65 to 119.65): V



#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 14.51 min Scan# 1330
 Delta R.T. -0.01 min
 Lab File: VD061755.D
 Acq: 11 Apr 2019 21:47

Tgt Ion:152 Resp: 726
 Ion Ratio Lower Upper
 152 100
 115 54.4 26.4 79.2
 150 167.8 0.0 320.6



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

