

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD100218\
 Data File : VD060109.D
 Acq On : 2 Oct 2018 11:47
 Operator : VA/AP
 Sample : VD1002SBL01
 Misc : 5.00g/5ml/MSVOA D/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1002SBL01

Quant Time: Oct 03 01:17:41 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D100118S.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 02 06:56:35 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	6.40	168	1624737	50.00	ug/l	0.01
34) 1,4-Difluorobenzene	7.43	114	2224208	50.00	ug/l	0.01
63) Chlorobenzene-d5	11.28	117	1715488	50.00	ug/l	0.01
72) 1,4-Dichlorobenzene-d4	13.37	152	963423	50.00	ug/l	0.01

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.77	65	690183	56.04	ug/l	0.01
Spiked Amount	50.000		Recovery	=	112.08%	
35) Dibromofluoromethane	6.31	113	894609	52.97	ug/l	0.01
Spiked Amount	50.000		Recovery	=	105.94%	
50) Toluene-d8	9.45	98	2533442	52.60	ug/l	0.01
Spiked Amount	50.000		Recovery	=	105.20%	
62) 4-Bromofluorobenzene	12.42	95	964379	53.48	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.96%	

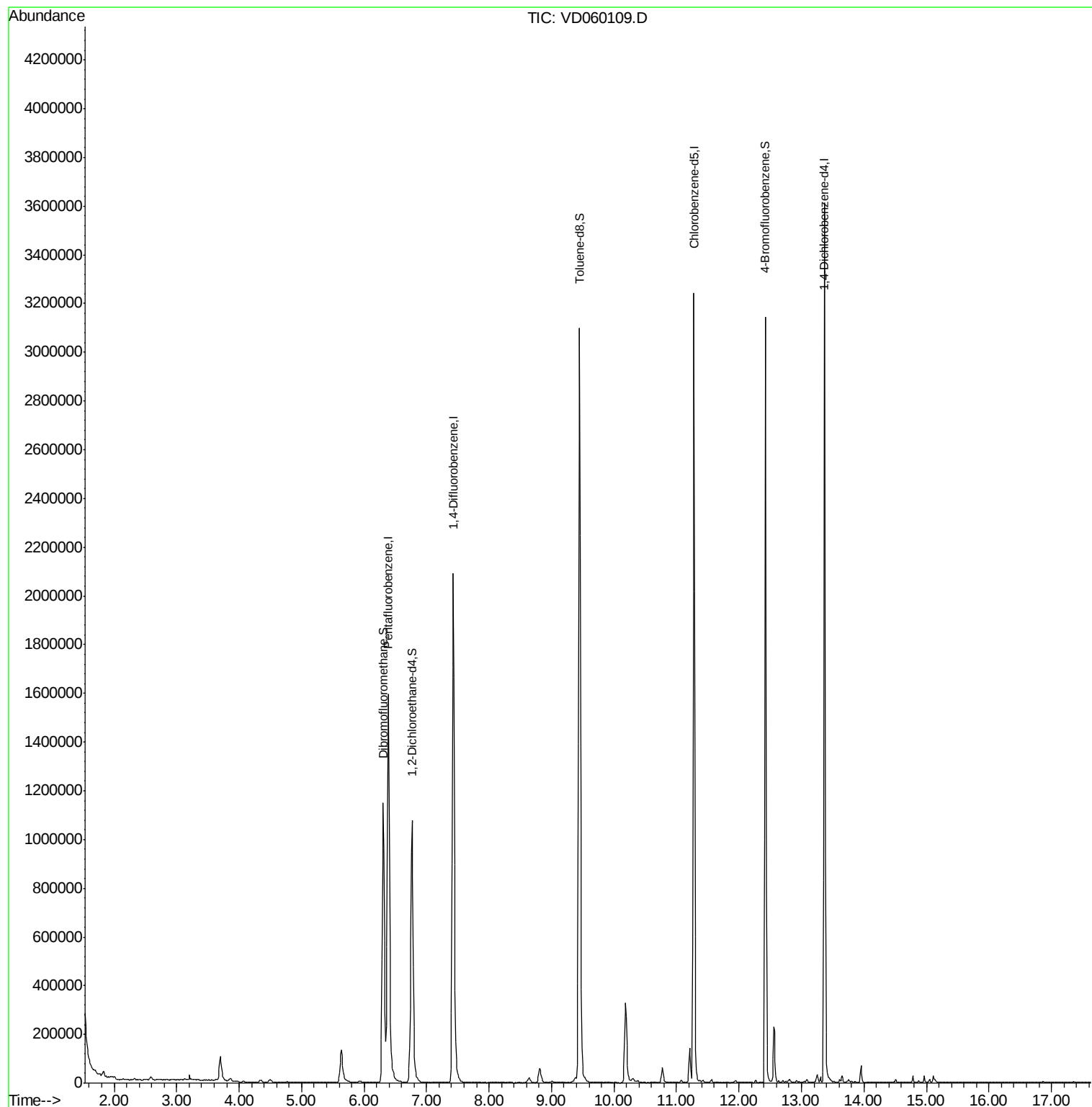
Target Compounds	Qvalue

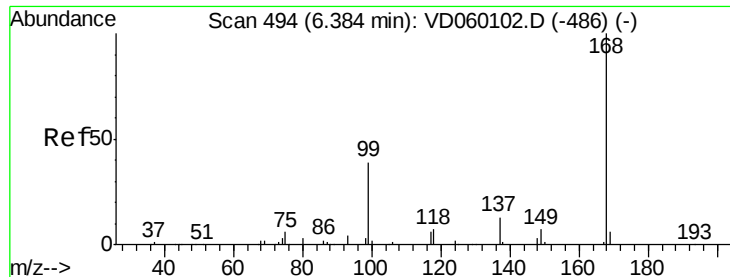
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 6.40 min Scan# 495

Delta R.T. 0.01 min

Lab File: VD060109.D

Acq: 2 Oct 2018 11:47

Instrument :

MSVOA_D

ClientSampleId :

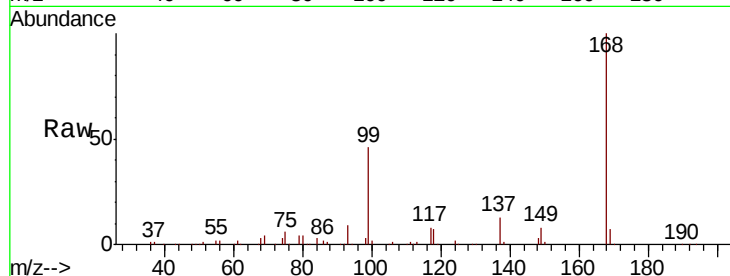
VD1002SBL01

Tot Ion:168 Resp: 1624737

Ion Ratio Lower Upper

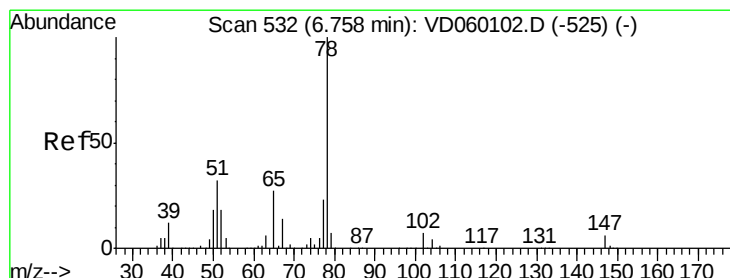
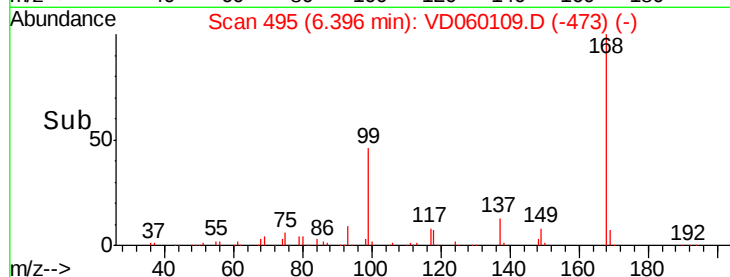
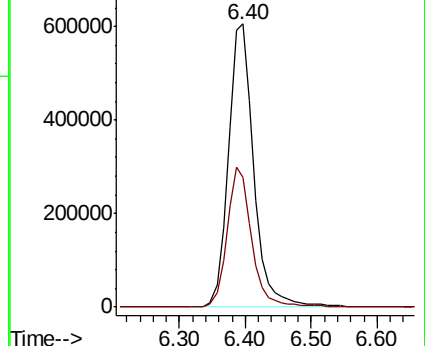
168 100

99 45.6 35.4 53.0



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: 6.77 min Scan# 533

Delta R.T. 0.01 min

Lab File: VD060109.D

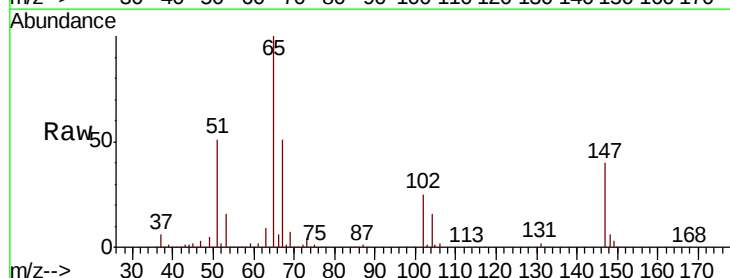
Acq: 2 Oct 2018 11:47

Tgt Ion: 65 Resp: 690183

Ion Ratio Lower Upper

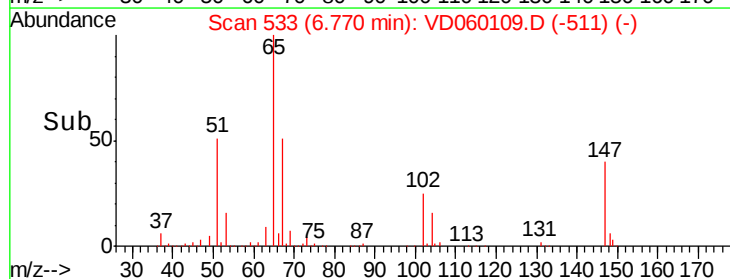
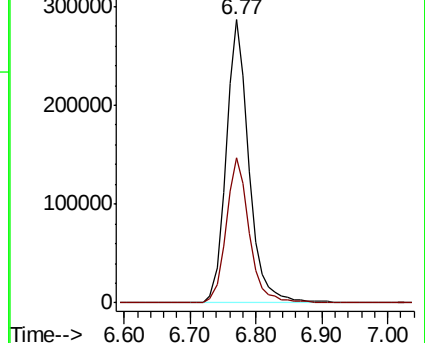
65 100

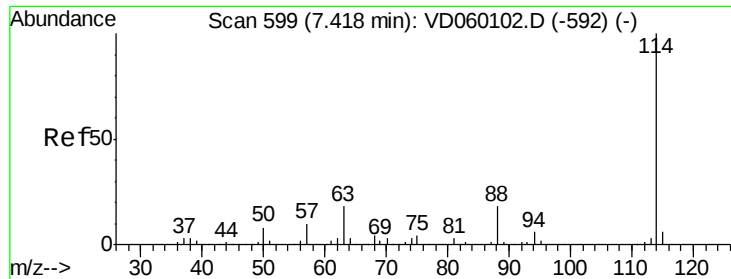
67 51.4 0.0 106.2



Abundance Ion 64.95 (64.65 to 65.65): VDC

Ion 66.90 (66.60 to 67.60): VDC

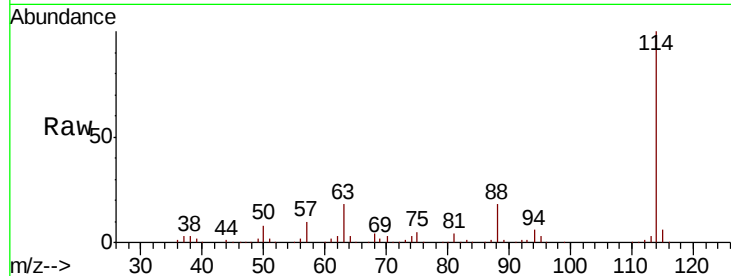




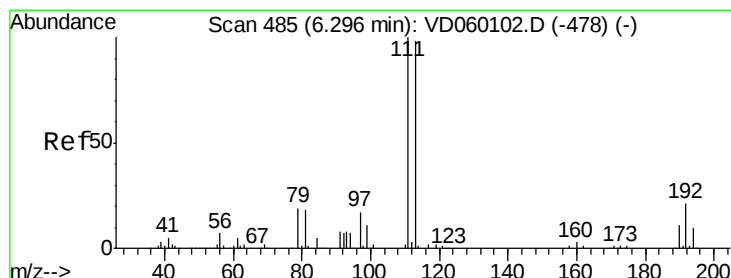
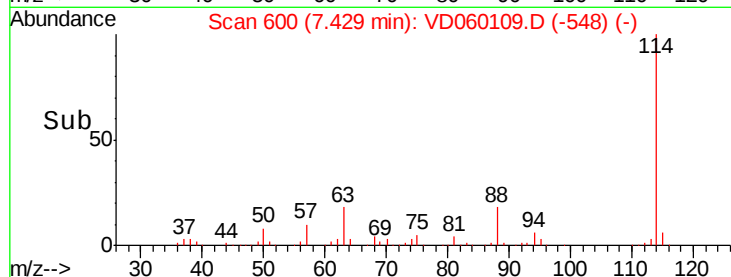
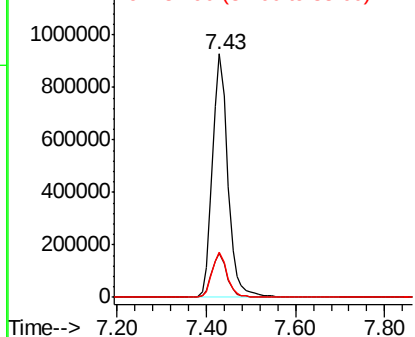
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 7.43 min Scan# 600
 Delta R.T. 0.01 min
 Lab File: VD060109.D
 Acq: 2 Oct 2018 11:47

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1002SBL01

Tot Ion:114 Resp: 2224208
 Ion Ratio Lower Upper
 114 100
 63 18.1 0.0 36.0
 88 18.5 0.0 36.2

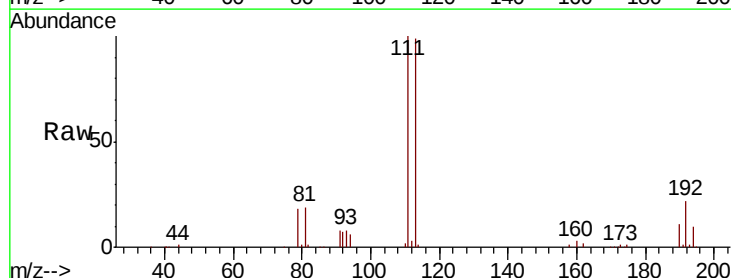


Abundance Ion 114.00 (113.70 to 114.70): V
 Ion 62.95 (62.65 to 63.65): V
 Ion 87.90 (87.60 to 88.60): V

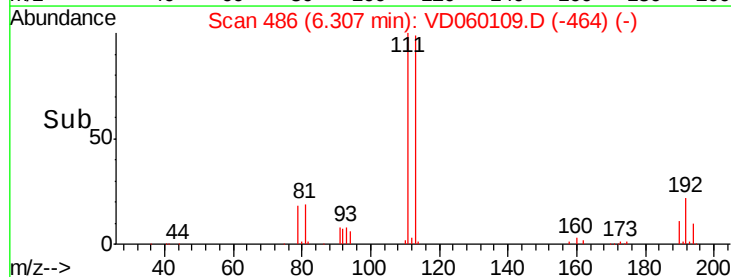
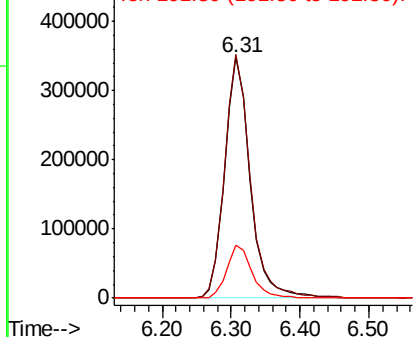


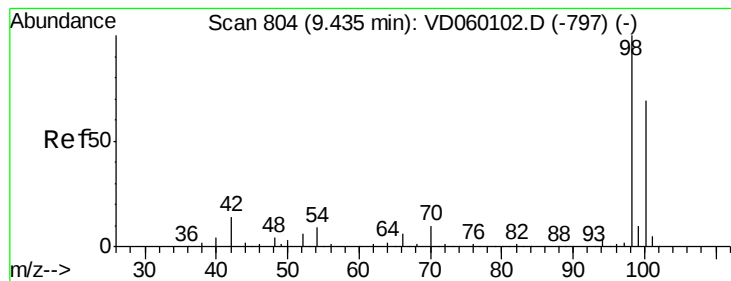
#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 6.31 min Scan# 486
 Delta R.T. 0.01 min
 Lab File: VD060109.D
 Acq: 2 Oct 2018 11:47

Tgt Ion:113 Resp: 894609
 Ion Ratio Lower Upper
 113 100
 111 101.1 81.5 122.3
 192 22.0 17.4 26.0



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: 9.45 min Scan# 805

Delta R.T. 0.01 min

Lab File: VD060109.D

Acq: 2 Oct 2018 11:47

Instrument :

MSVOA_D

ClientSampleId :

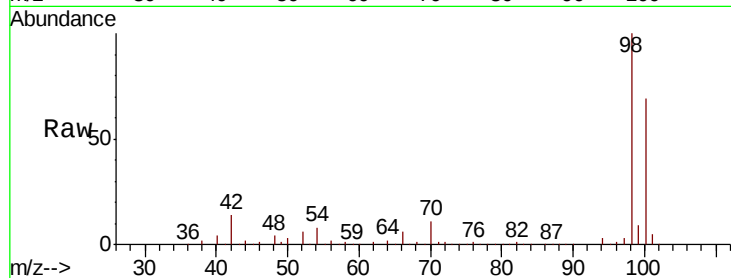
VD1002SBL01

Tot Ion: 98 Resp: 2533442

Ion Ratio Lower Upper

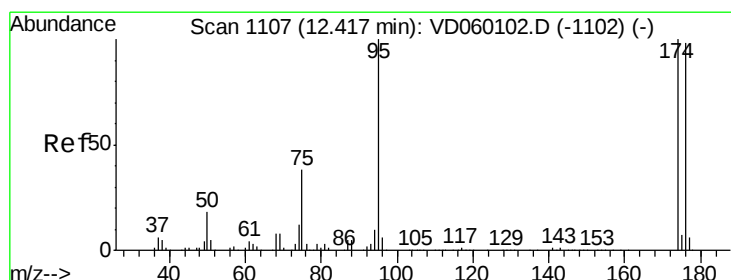
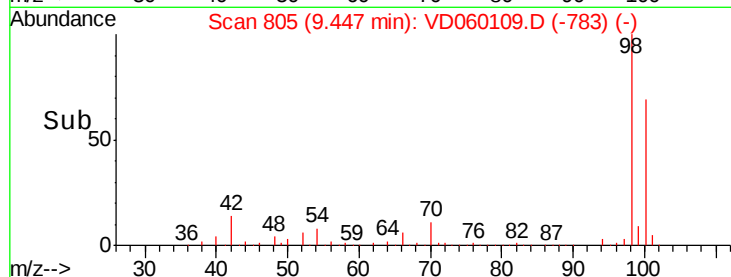
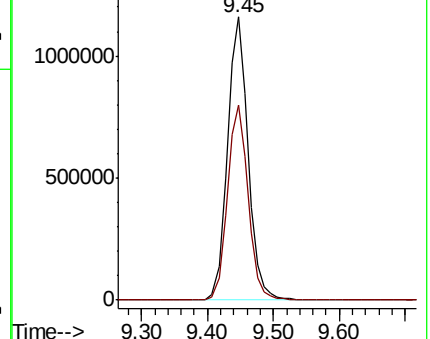
98 100

100 69.1 55.4 83.0



Abundance Ion 98.05 (97.75 to 98.75): VDC

Ion 100.05 (99.75 to 100.75): VDC



#62

4-Bromofluorobenzene

Concen: Below ug/l

RT: 12.42 min Scan# 1107

Delta R.T. 0.00 min

Lab File: VD060109.D

Acq: 2 Oct 2018 11:47

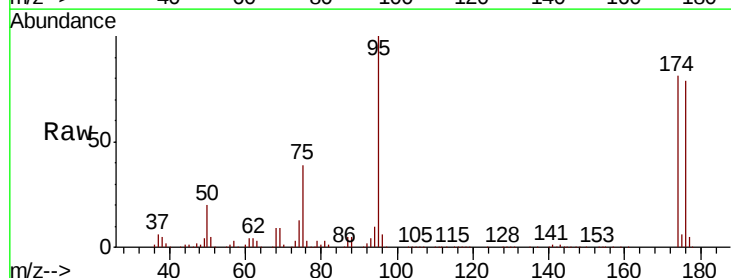
Tgt Ion: 95 Resp: 964379

Ion Ratio Lower Upper

95 100

174 80.9 0.0 200.2

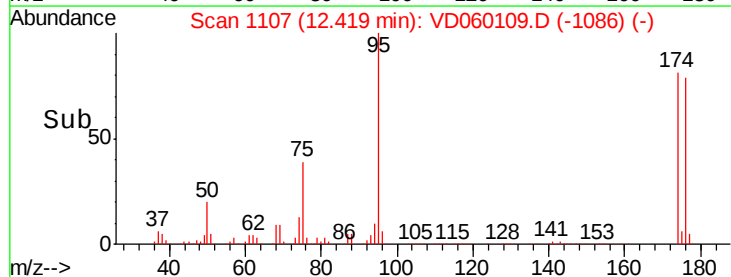
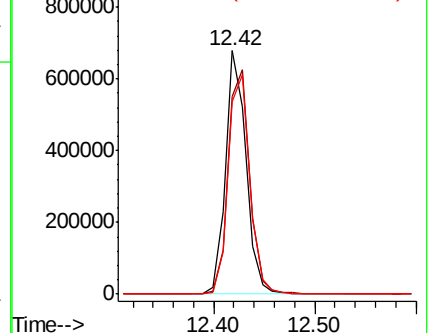
176 78.8 0.0 195.6

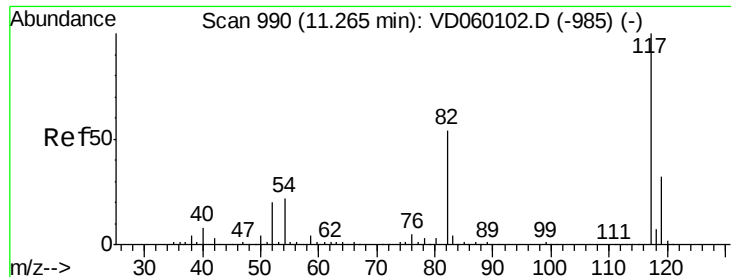


Abundance Ion 95.00 (94.70 to 95.70): VDC

Ion 173.90 (173.60 to 174.60): VDC

Ion 175.90 (175.60 to 176.60): VDC





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.28 min Scan# 991

Delta R.T. 0.01 min

Lab File: VD060109.D

Acq: 2 Oct 2018 11:47

Instrument :

MSVOA_D

ClientSampleId :

VD1002SBL01

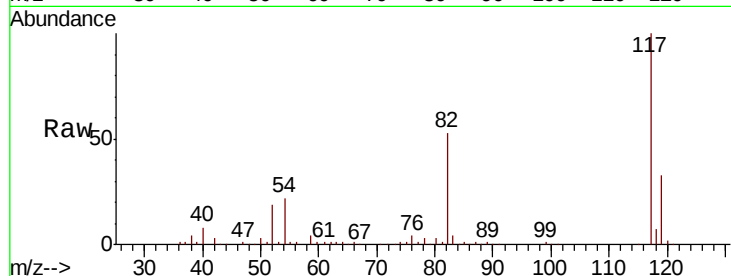
Tot Ion:117 Resp: 1715488

Ion Ratio Lower Upper

117 100

82 53.2 43.4 65.2

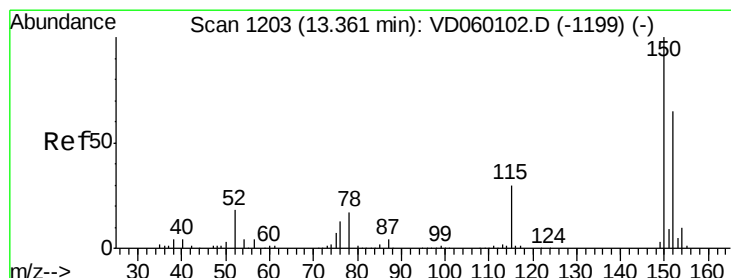
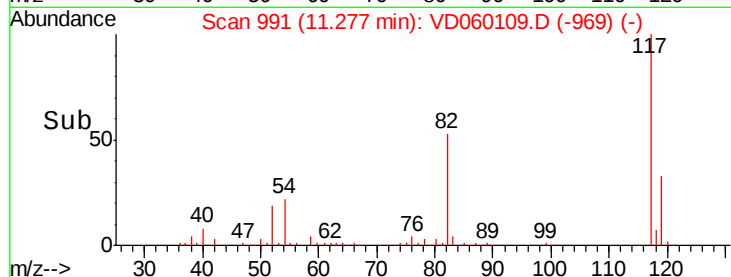
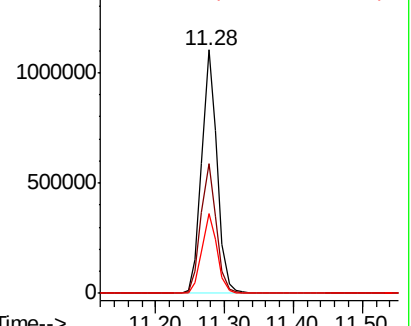
119 33.0 26.0 39.0



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: 13.37 min Scan# 1204

Delta R.T. 0.01 min

Lab File: VD060109.D

Acq: 2 Oct 2018 11:47

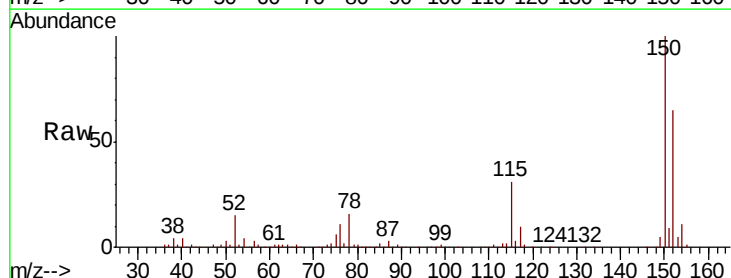
Tgt Ion:152 Resp: 963423

Ion Ratio Lower Upper

152 100

115 48.1 27.1 81.2

150 153.1 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

