

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD070218\
 Data File : VD059515.D
 Acq On : 2 Jul 2018 21:52
 Operator : VA/AP
 Sample : VD0702SBL01
 Misc : 5.00g/5ml/MSVOA D/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0702SBL01

Quant Time: Jul 03 09:20:04 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D070218S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 03 09:04:17 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.61	168	707439	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.66	114	958531	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.67	117	796079	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.89	152	405241	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.98	65	438895	47.50	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.00%	
35) Dibromofluoromethane	5.51	113	423814	52.57	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.14%	
50) Toluene-d8	8.68	98	932449	49.83	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.66%	
62) 4-Bromofluorobenzene	11.92	95	403518	50.60	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.20%	

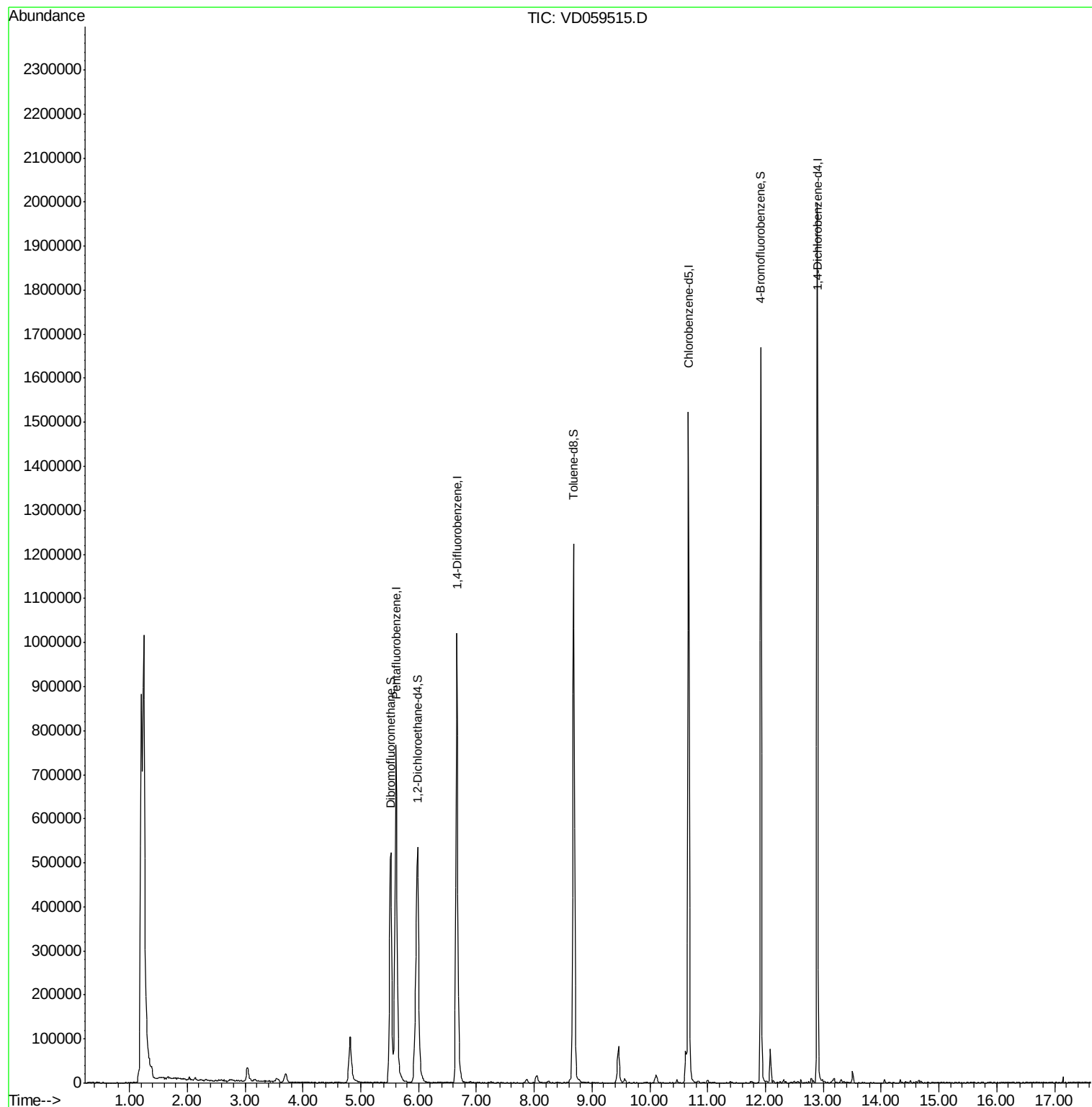
Target Compounds	Qvalue

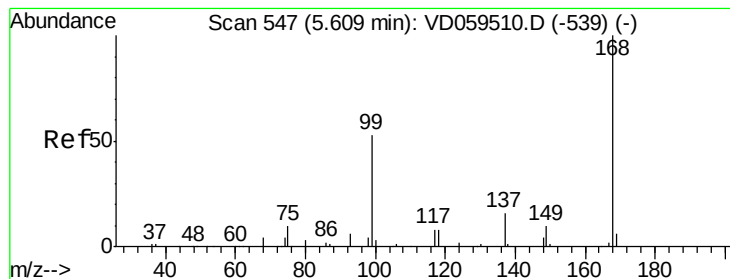
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Tue Jul 03 09:04:17 2018
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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.61 min Scan# 547

Delta R.T. -0.00 min

Lab File: VD059515.D

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Instrument :

MSVOA_D

ClientSampleId :

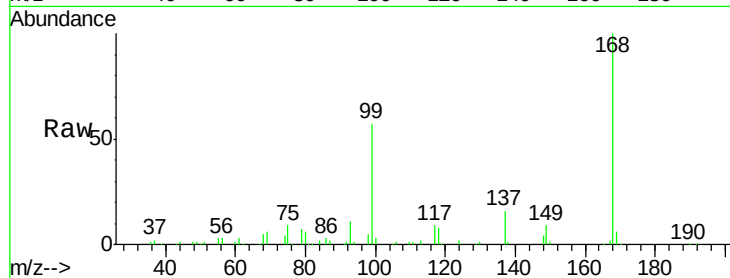
VD0702SBL01

Tot Ion:168 Resp: 707439

Ion Ratio Lower Upper

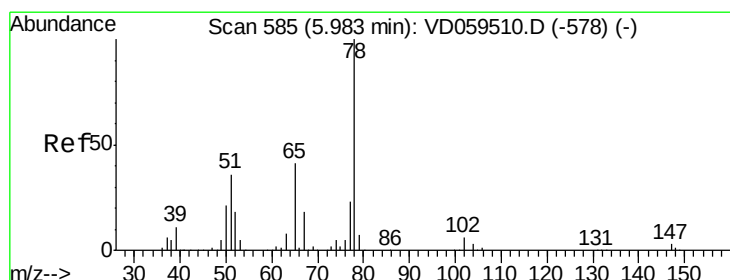
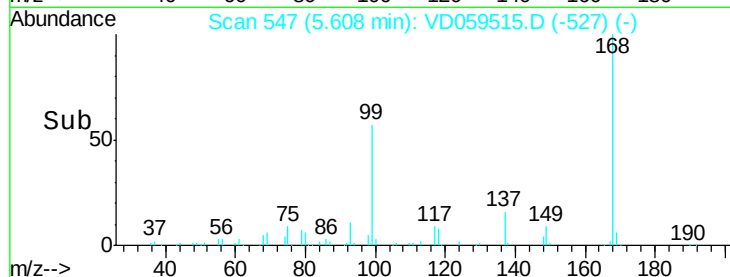
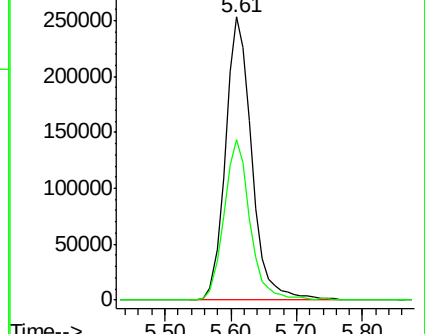
168 100

99 56.5 45.1 67.7



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: 5.98 min Scan# 585

Delta R.T. -0.00 min

Lab File: VD059515.D

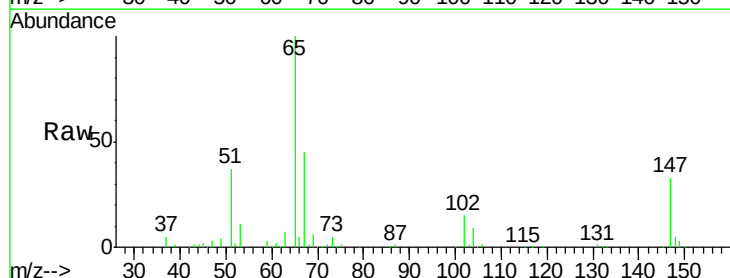
Acq: 2 Jul 2018 21:52

Tgt Ion: 65 Resp: 438895

Ion Ratio Lower Upper

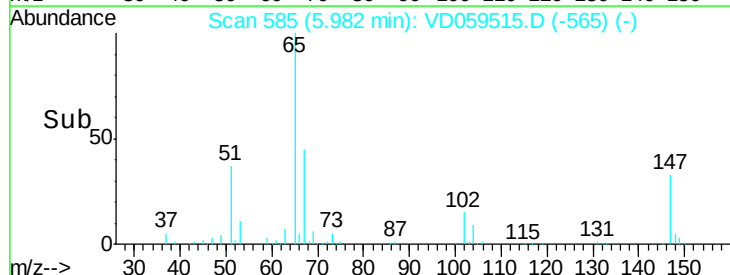
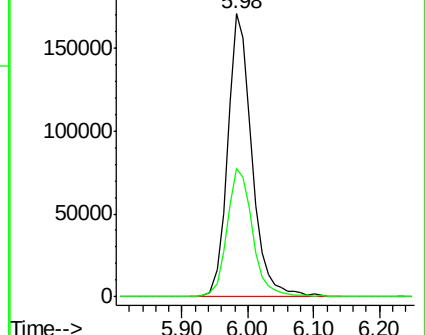
65 100

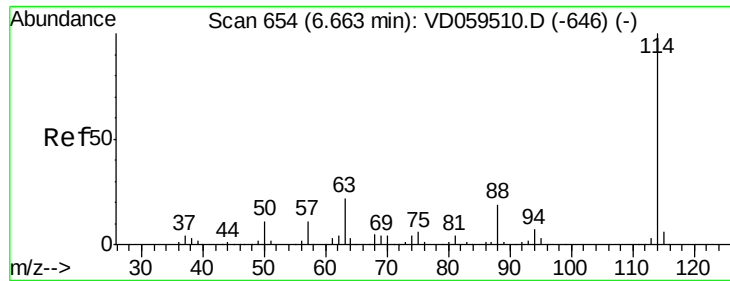
67 45.5 0.0 90.2



Abundance Ion 64.95 (64.65 to 65.65): VDC

Ion 66.90 (66.60 to 67.60): VDC

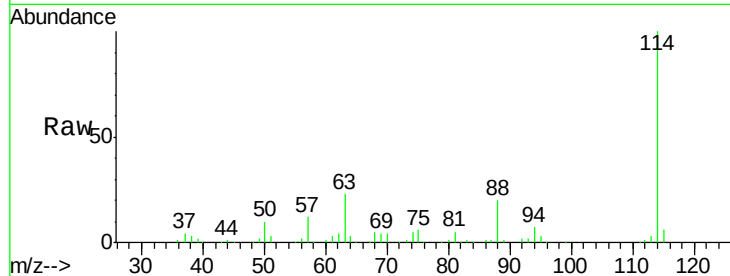




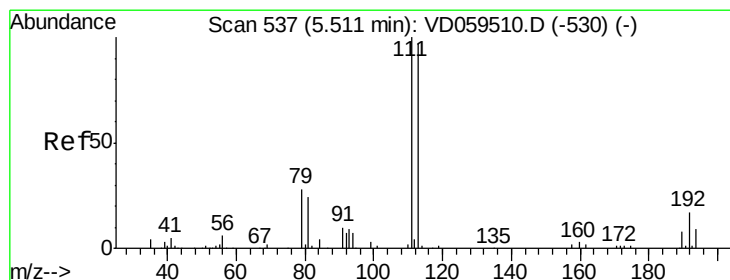
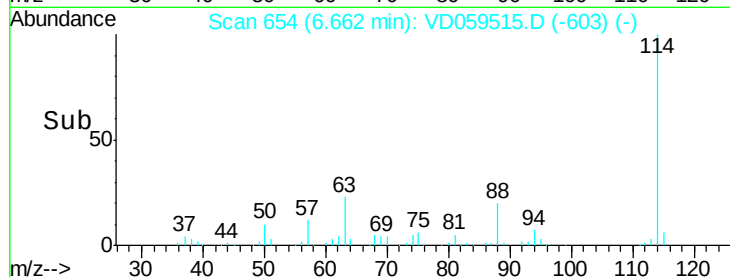
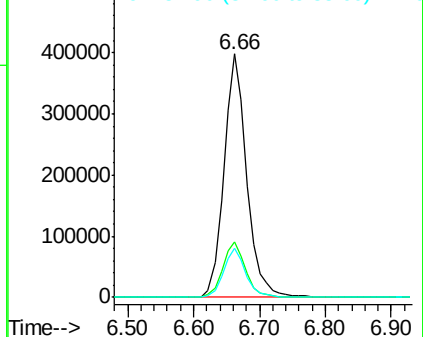
#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.66 min Scan# 654
 Delta R.T. -0.00 min
 Lab File: VD059515.D
 Acq: 2 Jul 2018 21:52

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0702SBL01

Tot Ion:114 Resp: 958531
 Ion Ratio Lower Upper
 114 100
 63 22.6 0.0 44.4
 88 20.2 0.0 37.8

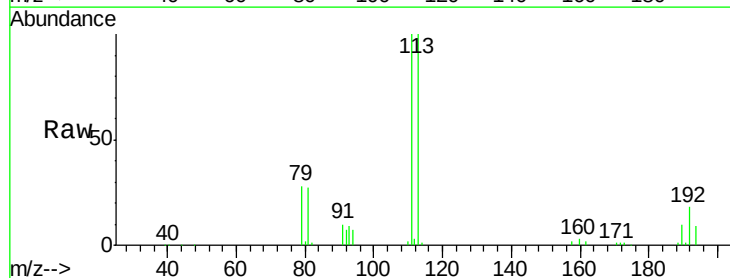


Abundance Ion 114.00 (113.70 to 114.70): V
 Ion 62.95 (62.65 to 63.65): V
 Ion 87.90 (87.60 to 88.60): V

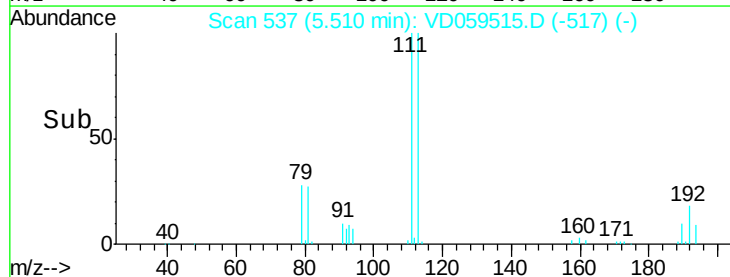
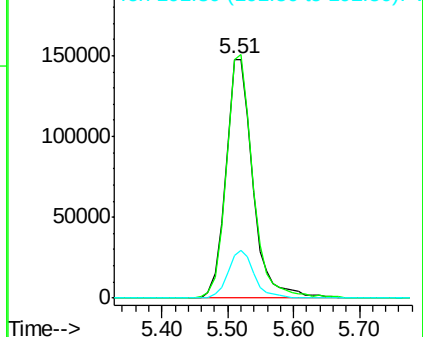


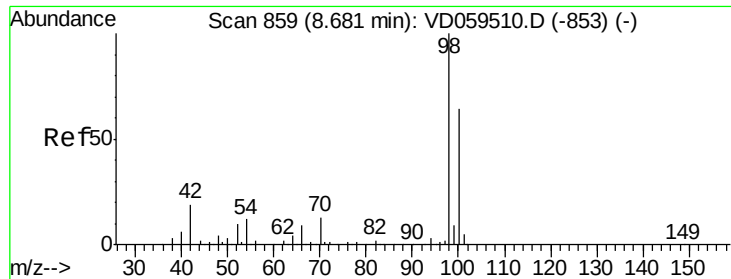
#35
 Dibromofluoromethane
 Concen: 50.00 ug/l
 RT: 5.51 min Scan# 537
 Delta R.T. -0.00 min
 Lab File: VD059515.D
 Acq: 2 Jul 2018 21:52

Tgt Ion:113 Resp: 423814
 Ion Ratio Lower Upper
 113 100
 111 100.1 82.7 124.1
 192 17.6 14.2 21.2



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: 8.68 min Scan# 859

Delta R.T. -0.00 min

Lab File: VD059515.D

Acq: 2 Jul 2018 21:52

Instrument :

MSVOA_D

ClientSampleId :

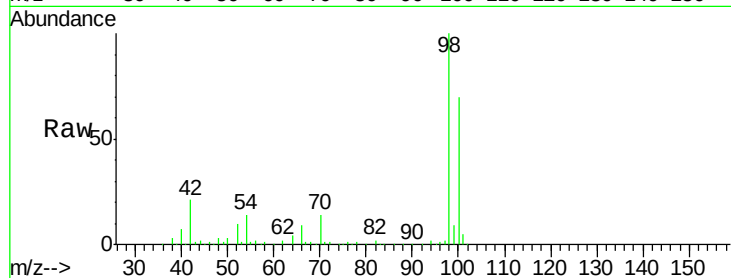
VD0702SBL01

Tot Ion: 98 Resp: 932449

Ion Ratio Lower Upper

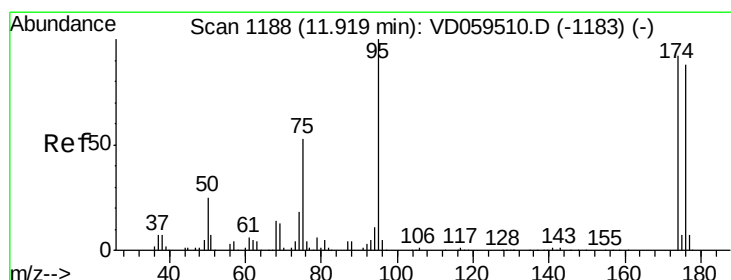
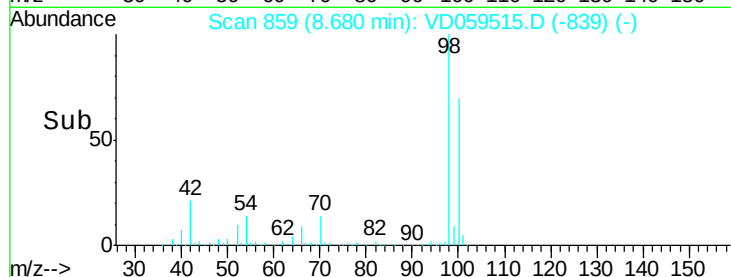
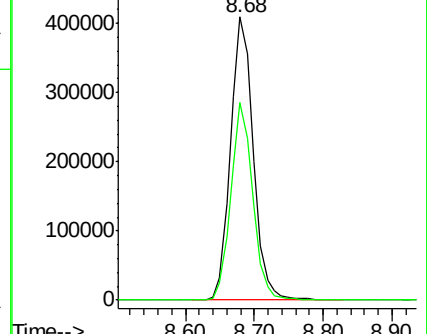
98 100

100 69.9 51.8 77.8



Abundance Ion 98.05 (97.75 to 98.75): VD0

Ion 100.05 (99.75 to 100.75): VD



#62

4-Bromofluorobenzene

Concen: N.D. ug/l

RT: 11.92 min Scan# 1188

Delta R.T. -0.00 min

Lab File: VD059515.D

Acq: 2 Jul 2018 21:52

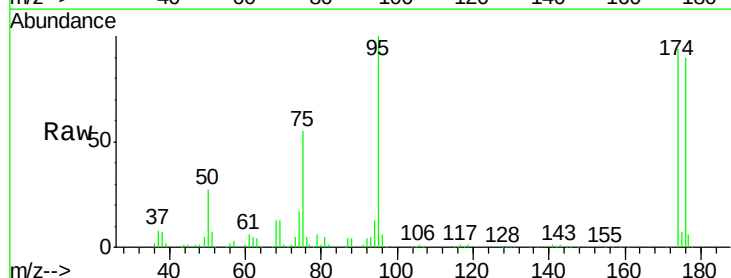
Tgt Ion: 95 Resp: 403518

Ion Ratio Lower Upper

95 100

174 93.7 0.0 183.0

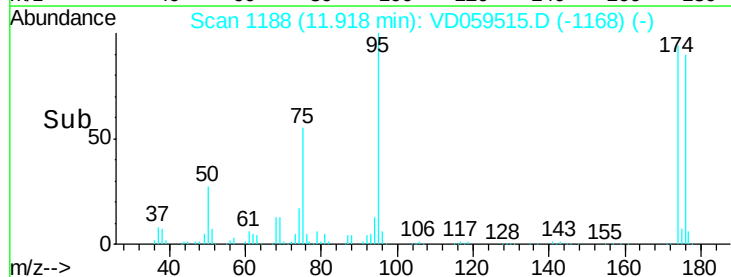
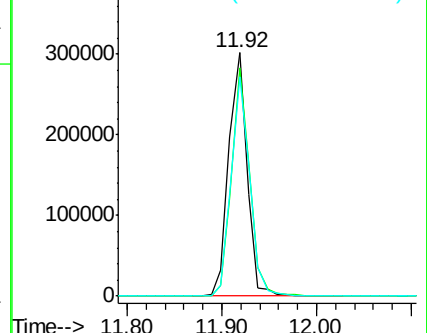
176 90.1 0.0 176.6

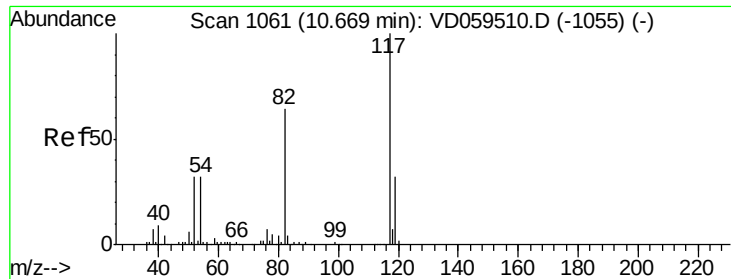


Abundance Ion 95.00 (94.70 to 95.70): VD0

Ion 173.90 (173.60 to 174.60): V

Ion 175.90 (175.60 to 176.60): V

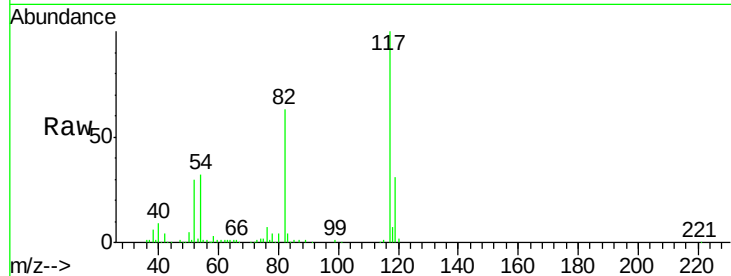




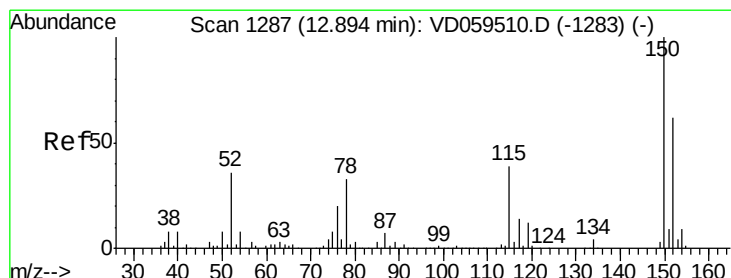
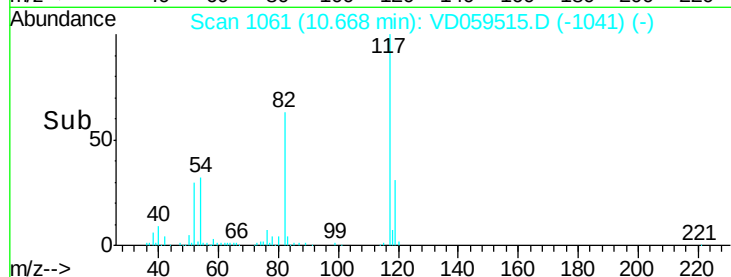
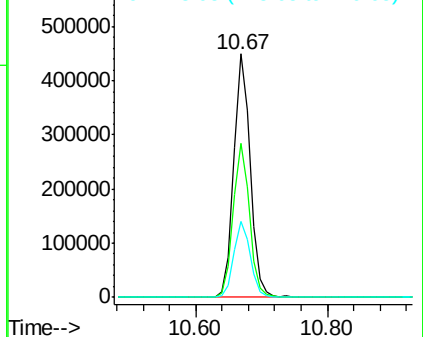
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.67 min Scan# 1061
Delta R.T. -0.00 min
Lab File: VD059515.D
Acq: 2 Jul 2018 21:52

Instrument :
MSVOA_D
ClientSampleId :
VD0702SBL01

Tot Ion:117 Resp: 796079
Ion Ratio Lower Upper
117 100
82 63.1 51.1 76.7
119 31.1 25.6 38.4

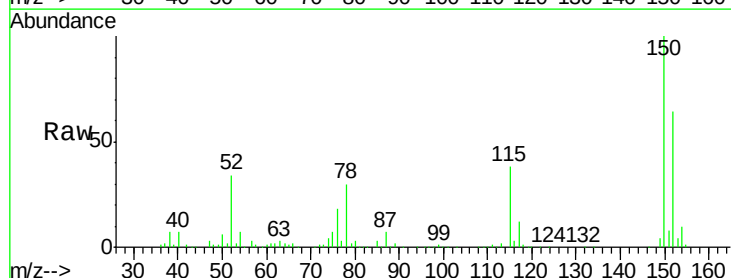


Abundance Ion 116.95 (116.65 to 117.65): V
Ion 82.05 (81.75 to 82.75): V
Ion 118.95 (118.65 to 119.65): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.89 min Scan# 1287
Delta R.T. -0.00 min
Lab File: VD059515.D
Acq: 2 Jul 2018 21:52

Tgt Ion:152 Resp: 405241
Ion Ratio Lower Upper
152 100
115 58.9 31.3 93.9
150 155.4 0.0 323.6



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

