

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD060818\
 Data File : VD058037.D
 Acq On : 9 Jun 2018 2:10
 Operator : VA/AP
 Sample : VD0608SBL02
 Misc : 5.00g/5ml/MSVOA D/SOIL
 ALS Vial : 56 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0608SBL02

Quant Time: Jun 09 02:42:31 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D060618S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 07 08:57:33 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	856214	50.00	ug/l	-0.02
34) 1,4-Difluorobenzene	6.68	114	1142807	50.00	ug/l	-0.02
63) Chlorobenzene-d5	10.68	117	958710	50.00	ug/l	-0.01
72) 1,4-Dichlorobenzene-d4	12.90	152	489397	50.00	ug/l	-0.01

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.01	65	414656	48.44	ug/l	-0.01
Spiked Amount	50.000		Recovery	=	96.88%	
35) Dibromofluoromethane	5.54	113	440506	49.82	ug/l	-0.02
Spiked Amount	50.000		Recovery	=	99.64%	
50) Toluene-d8	8.70	98	964659	45.89	ug/l	-0.01
Spiked Amount	50.000		Recovery	=	91.78%	
62) 4-Bromofluorobenzene	11.93	95	426672	46.53	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.06%	

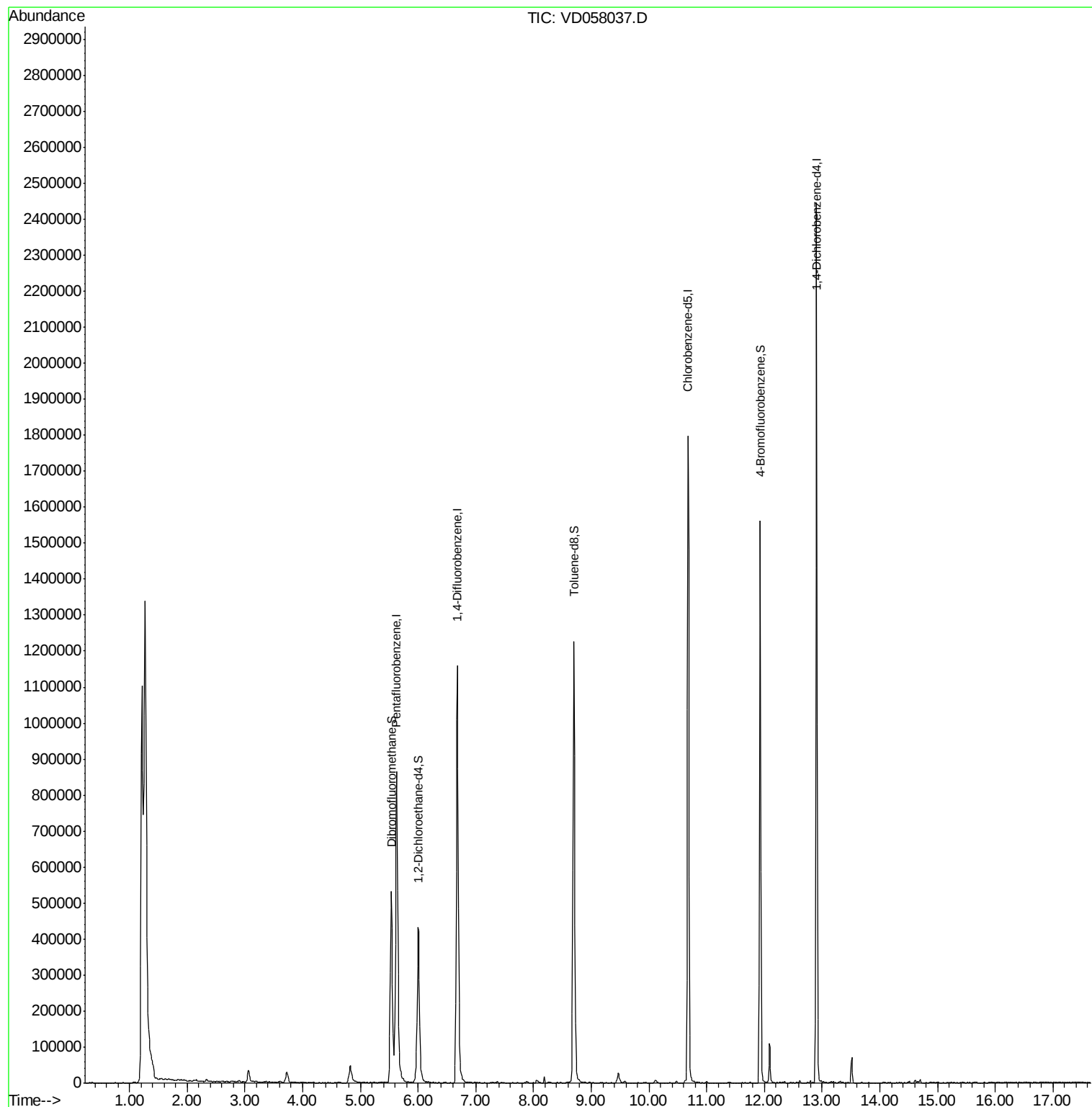
Target Compounds	Qvalue

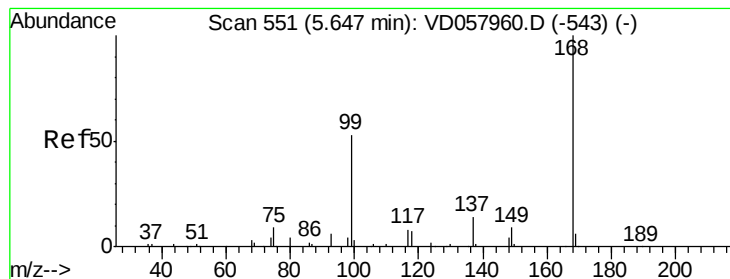
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Thu Jun 07 08:57:33 2018
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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.63 min Scan# 549

Delta R.T. -0.02 min

Lab File: VD058037.D

Acq: 9 Jun 2018 2:10

Instrument :

MSVOA_D

ClientSampleId :

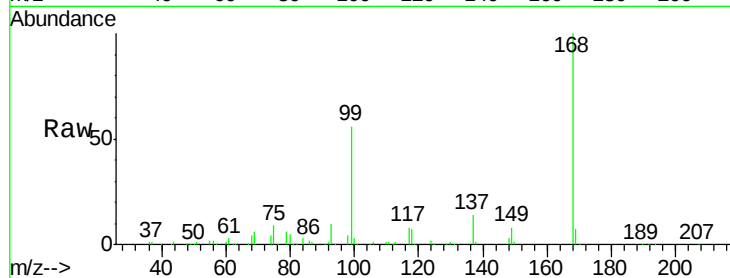
VD0608SBL02

Tot Ion:168 Resp: 856214

Ion Ratio Lower Upper

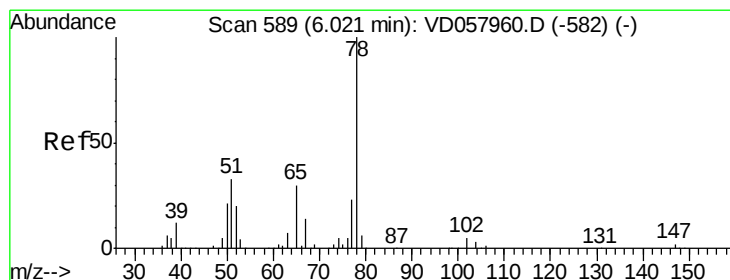
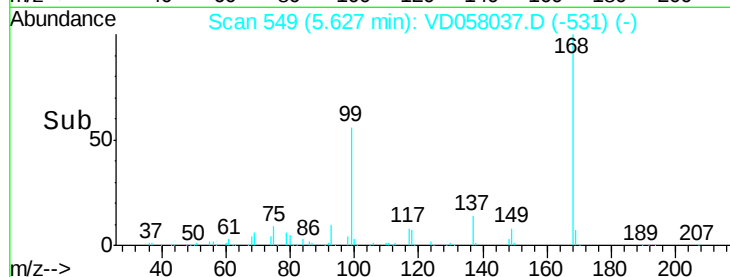
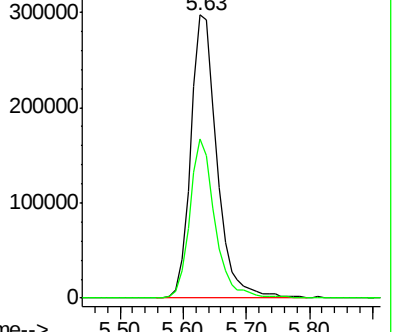
168 100

99 56.4 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: Below ug/l

RT: 6.01 min Scan# 588

Delta R.T. -0.01 min

Lab File: VD058037.D

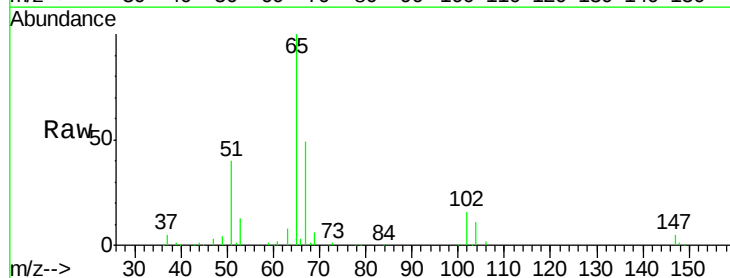
Acq: 9 Jun 2018 2:10

Tgt Ion: 65 Resp: 414656

Ion Ratio Lower Upper

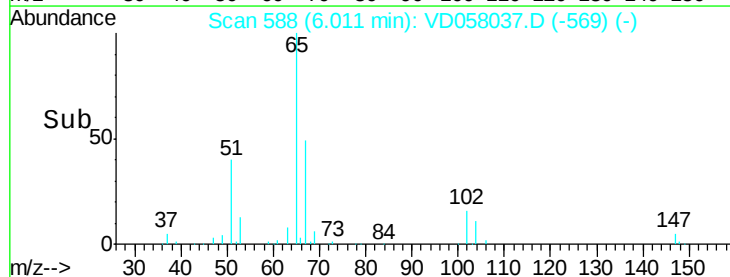
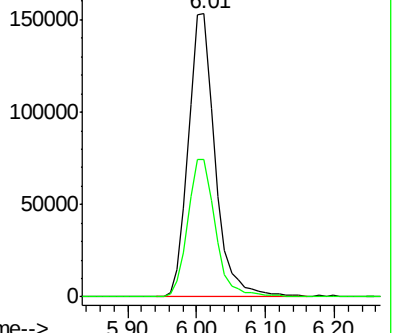
65 100

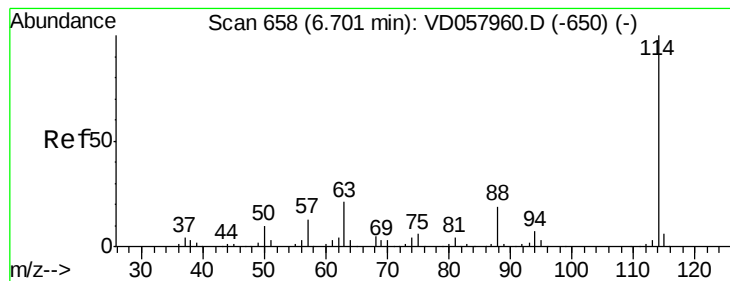
67 48.8 0.0 94.0



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: 6.68 min Scan# 656

Delta R.T. -0.02 min

Lab File: VD058037.D

Acq: 9 Jun 2018 2:10

Instrument :

MSVOA_D

ClientSampleId :

VD0608SBL02

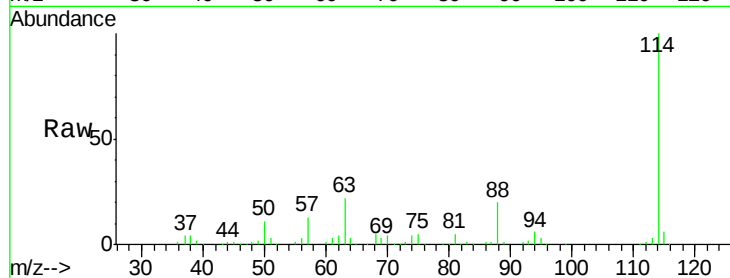
Tot Ion:114 Resp: 1142807

Ion Ratio Lower Upper

114 100

63 21.7 0.0 42.8

88 19.6 0.0 37.8



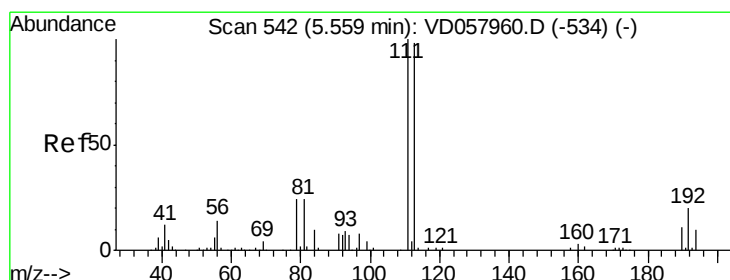
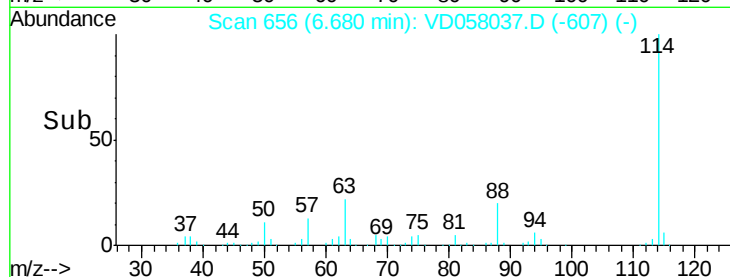
Abundance Ion 114.00 (113.70 to 114.70): V

Ion 62.95 (62.65 to 63.65): V

Ion 87.90 (87.60 to 88.60): V

6.68

Time-->



#35

Dibromofluoromethane

Concen: 50.00 ug/l

RT: 5.54 min Scan# 540

Delta R.T. -0.02 min

Lab File: VD058037.D

Acq: 9 Jun 2018 2:10

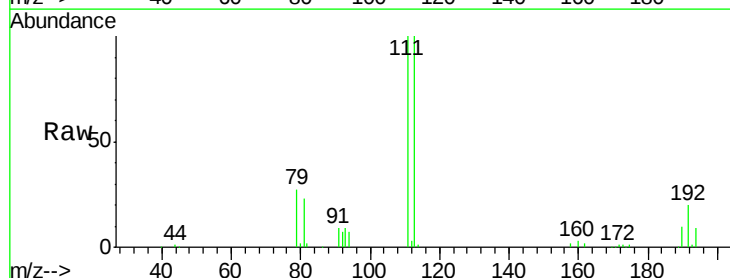
Tgt Ion:113 Resp: 440506

Ion Ratio Lower Upper

113 100

111 100.5 81.5 122.3

192 20.0 16.4 24.6



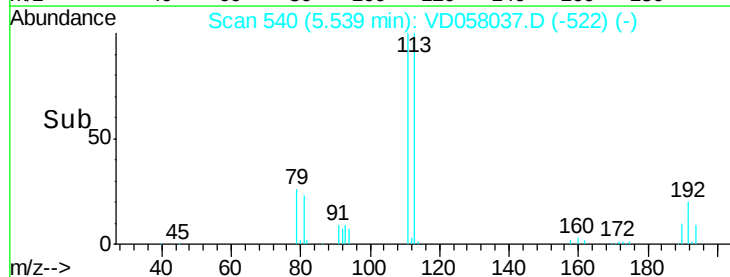
Abundance Ion 112.90 (112.60 to 113.60): V

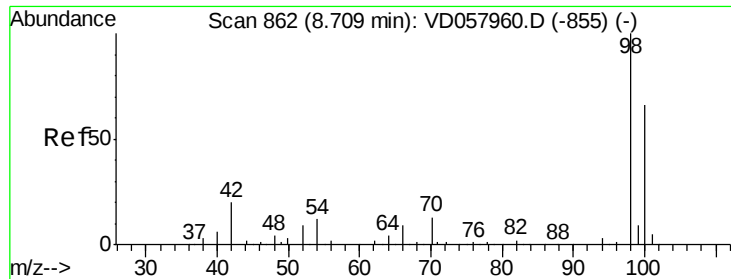
Ion 110.90 (110.60 to 111.60): V

Ion 191.80 (191.50 to 192.50): V

5.54

Time-->

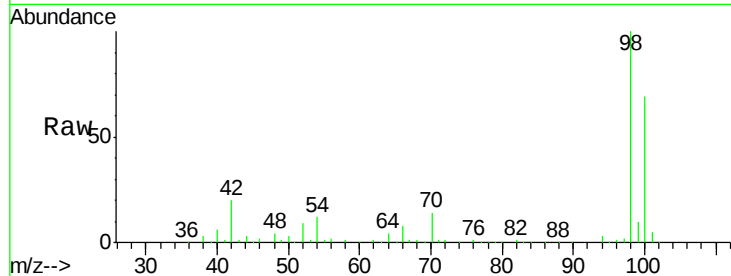




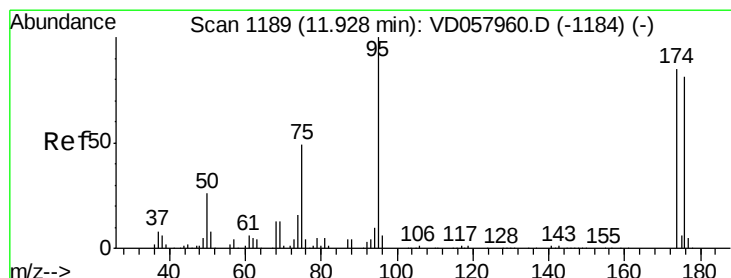
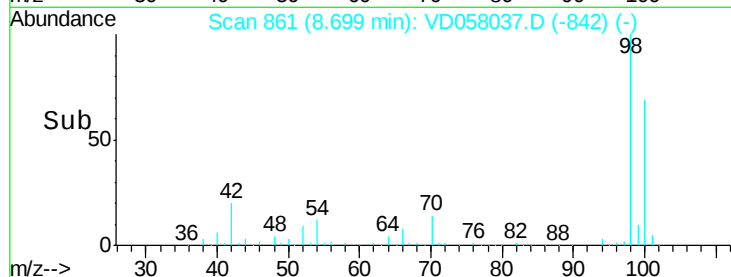
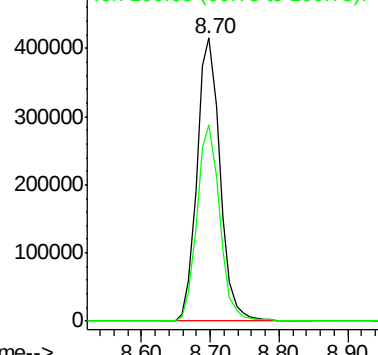
#50
Toluene-d8
Concen: N.D. ug/l
RT: 8.70 min Scan# 861
Delta R.T. -0.01 min
Lab File: VD058037.D
Acq: 9 Jun 2018 2:10

Instrument :
MSVOA_D
ClientSampleId :
VD0608SBL02

Tot Ion: 98 Resp: 964659
Ion Ratio Lower Upper
98 100
100 69.3 53.4 80.0

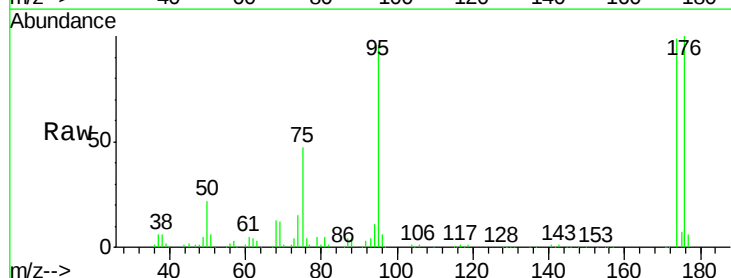


Abundance Ion 98.05 (97.75 to 98.75): VD0
Ion 100.05 (99.75 to 100.75): VD

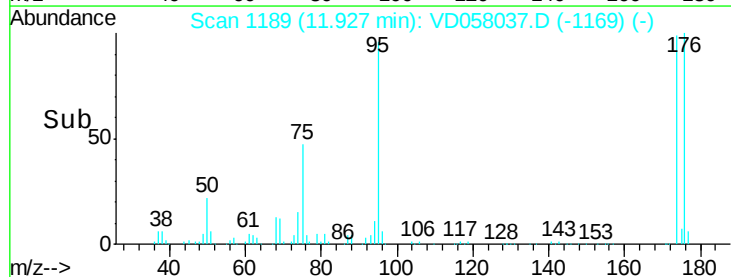
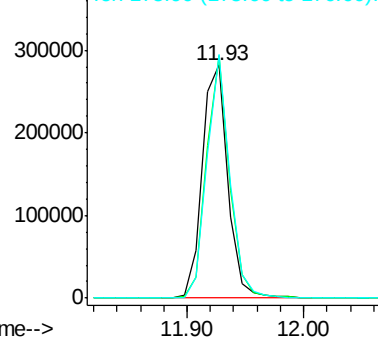


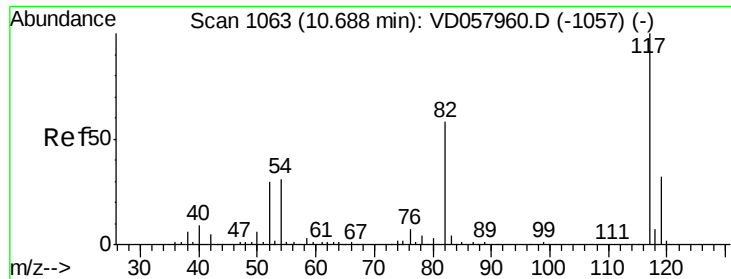
#62
4-Bromofluorobenzene
Concen: N.D. ug/l
RT: 11.93 min Scan# 1189
Delta R.T. -0.00 min
Lab File: VD058037.D
Acq: 9 Jun 2018 2:10

Tgt Ion: 95 Resp: 426672
Ion Ratio Lower Upper
95 100
174 103.8 0.0 169.4
176 104.5 0.0 162.6



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

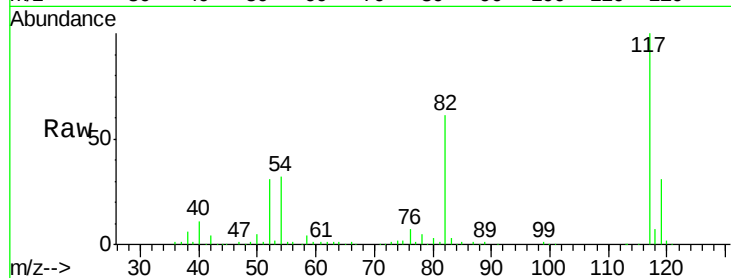




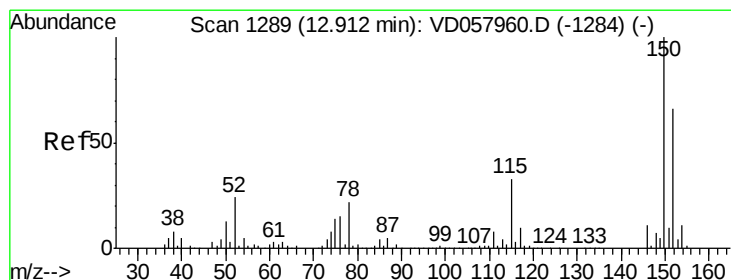
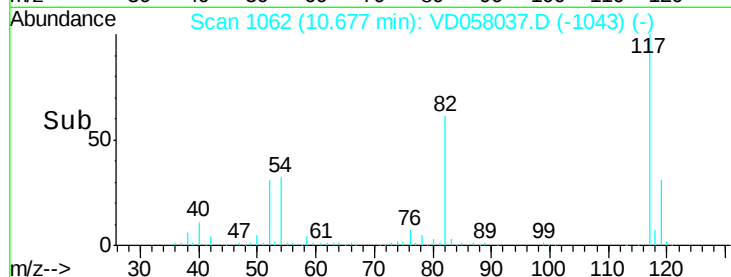
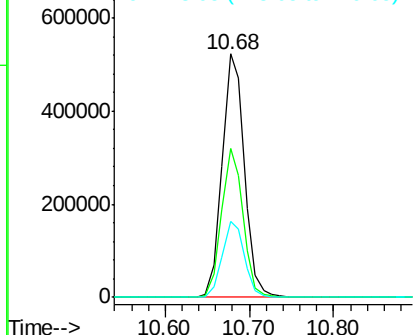
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.68 min Scan# 1062
Delta R.T. -0.01 min
Lab File: VD058037.D
Acq: 9 Jun 2018 2:10

Instrument :
MSVOA_D
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Tot Ion:117 Resp: 958710
Ion Ratio Lower Upper
117 100
82 61.3 46.8 70.2
119 31.4 25.8 38.6

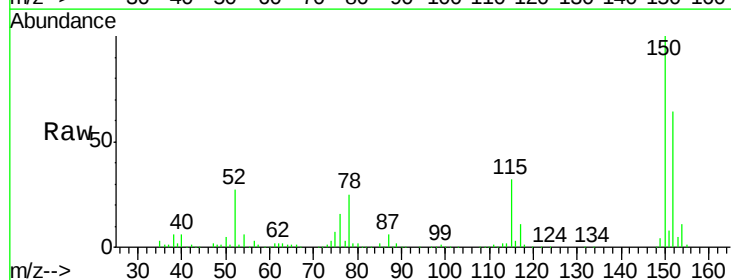


Abundance Ion 116.95 (116.65 to 117.65): V
Ion 82.05 (81.75 to 82.75): V
Ion 118.95 (118.65 to 119.65): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.90 min Scan# 1288
Delta R.T. -0.01 min
Lab File: VD058037.D
Acq: 9 Jun 2018 2:10

Tgt Ion:152 Resp: 489397
Ion Ratio Lower Upper
152 100
115 51.1 25.6 76.6
150 157.3 0.0 306.8



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

