

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD060818\
 Data File : VD058045.D
 Acq On : 9 Jun 2018 5:55
 Operator : VA/AP
 Sample : J3350-02
 Misc : 11.30g/5ml/MSVOA D/SOIL
 ALS Vial : 64 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 FK-BPM-02-006-ABCD

Quant Time: Jun 09 06:34:55 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	5.64	168	653488	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	6.68	114	890427	50.00	ug/l	-0.02
63) Chlorobenzene-d5	10.68	117	687675	50.00	ug/l	-0.01
72) 1,4-Dichlorobenzene-d4	12.90	152	337142	50.00	ug/l	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.01	65	385113	58.95	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	117.90%	
35) Dibromofluoromethane	5.55	113	392523	56.98	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	113.96%	
50) Toluene-d8	8.70	98	866400	52.90	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.80%	
62) 4-Bromofluorobenzene	11.93	95	362263	50.70	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.40%	

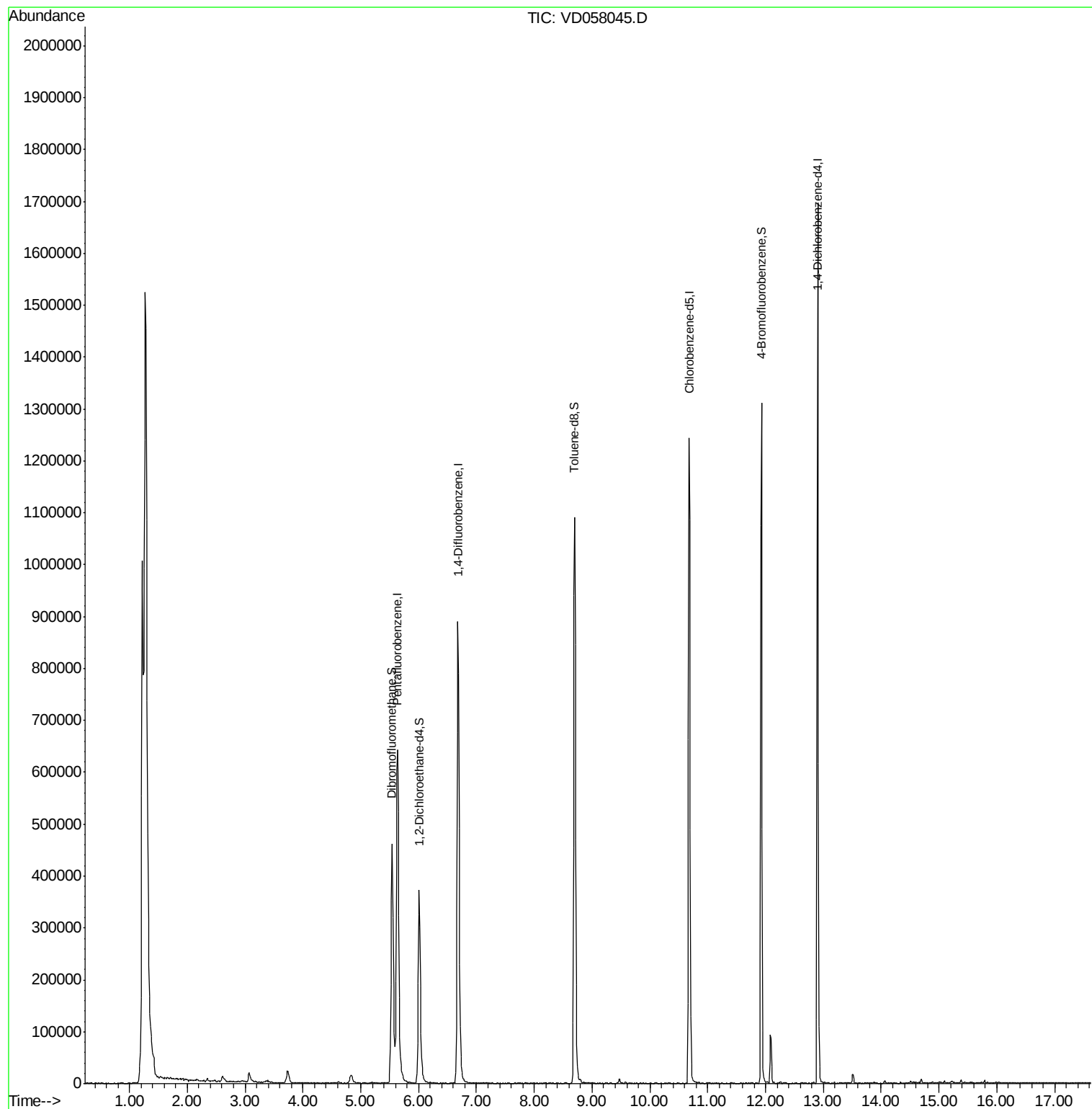
Target Compounds	Qvalue
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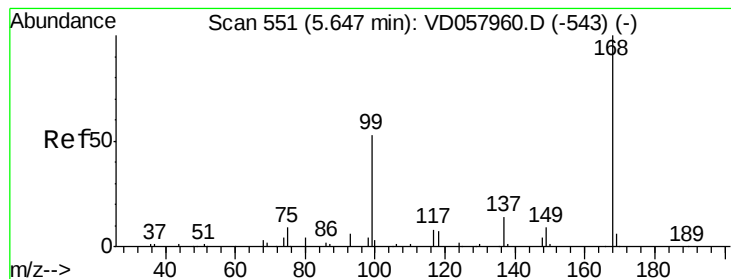
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Thu Jun 07 08:57:33 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.64 min Scan# 550

Delta R.T. -0.01 min

Lab File: VD058045.D

Acq: 9 Jun 2018 5:55

Instrument :

MSVOA_D

ClientSampleId :

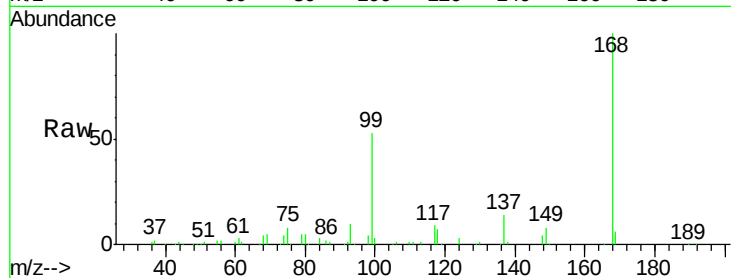
FK-BPM-02-006-ABCD

Tot Ion:168 Resp: 653488

Ion Ratio Lower Upper

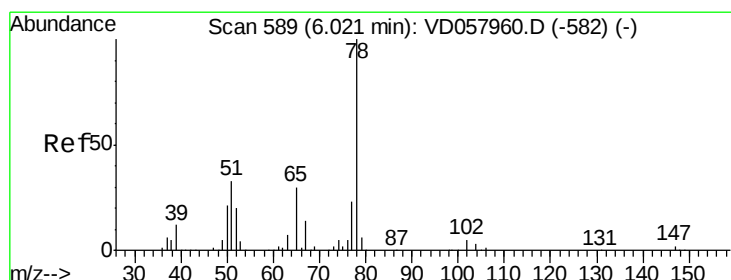
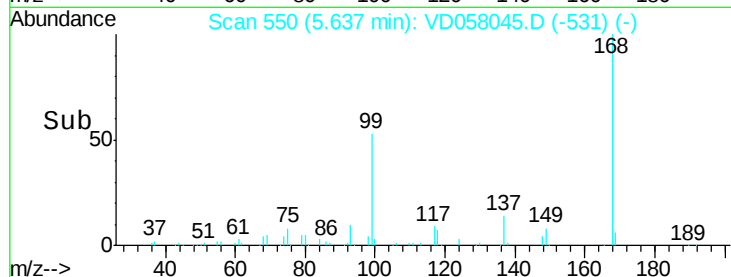
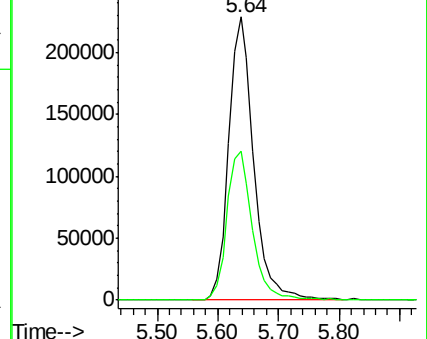
168 100

99 52.6 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: VD058045.D

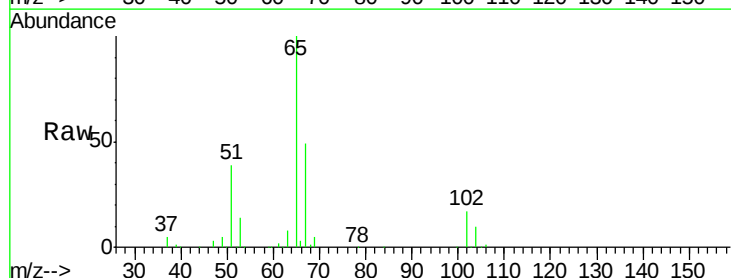
Acq: 9 Jun 2018 5:55

Tgt Ion: 65 Resp: 385113

Ion Ratio Lower Upper

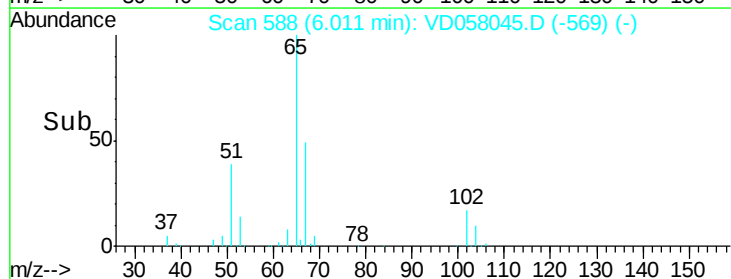
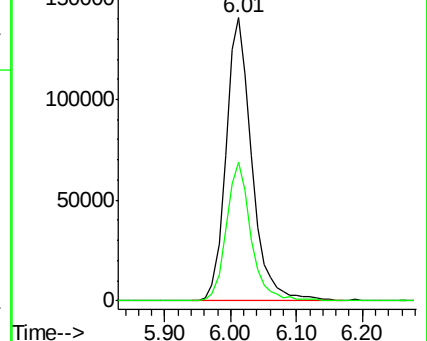
65 100

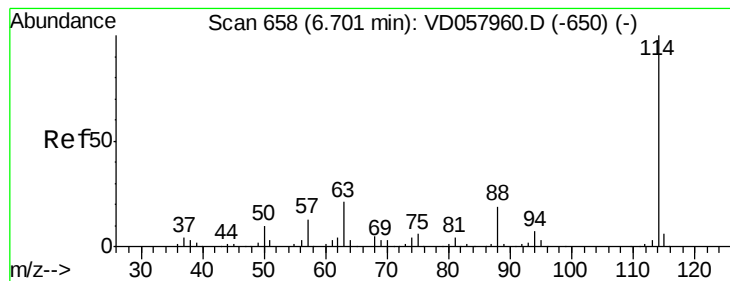
67 48.8 0.0 94.0



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: VD058045.D

Acq: 9 Jun 2018 5:55

Instrument :

MSVOA_D

ClientSampleId :

FK-BPM-02-006-ABCD

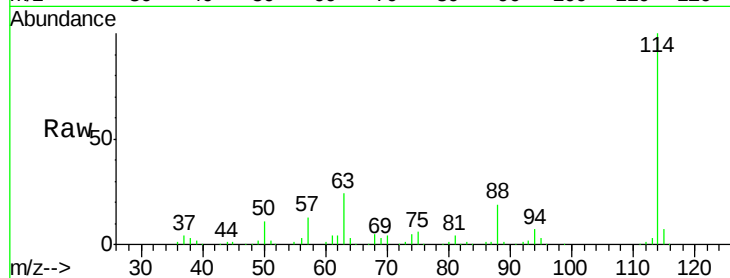
Tot Ion:114 Resp: 890427

Ion Ratio Lower Upper

114 100

63 24.3 0.0 42.8

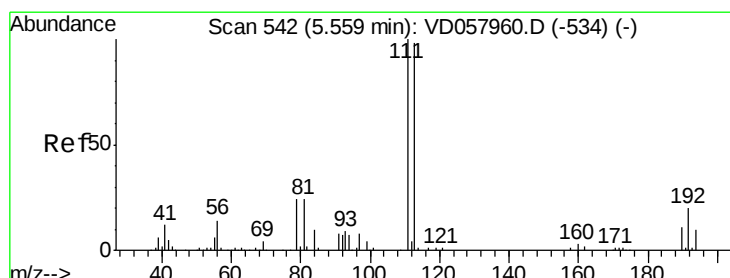
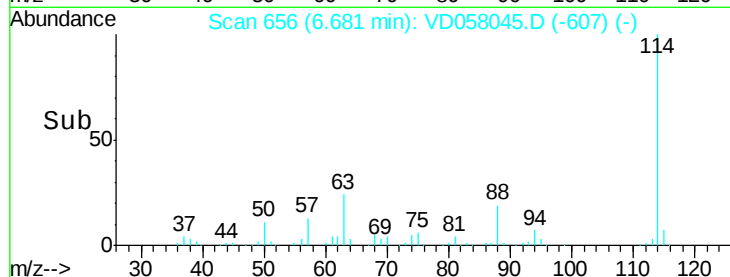
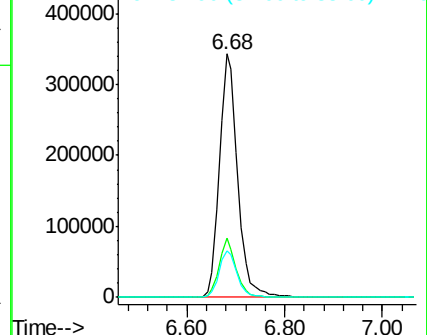
88 19.2 0.0 37.8



Abundance Ion 114.00 (113.70 to 114.70): V

Ion 62.95 (62.65 to 63.65): VDC

Ion 87.90 (87.60 to 88.60): VDC



#35

Dibromofluoromethane

Concen: 50.00 ug/l

RT: 5.55 min Scan# 541

Delta R.T. -0.01 min

Lab File: VD058045.D

Acq: 9 Jun 2018 5:55

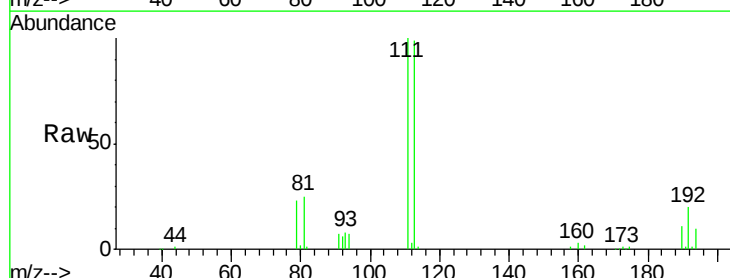
Tgt Ion:113 Resp: 392523

Ion Ratio Lower Upper

113 100

111 100.8 81.5 122.3

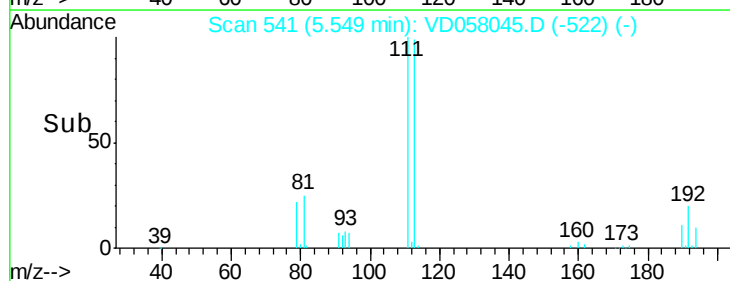
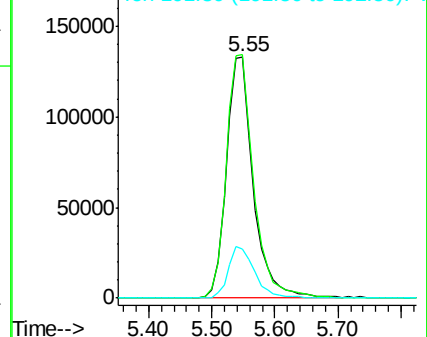
192 20.1 16.4 24.6

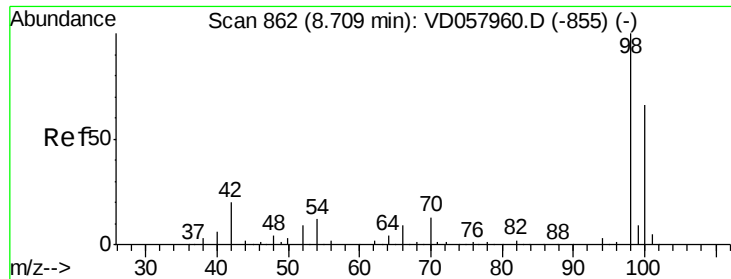


Abundance Ion 112.90 (112.60 to 113.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 191.80 (191.50 to 192.50): V

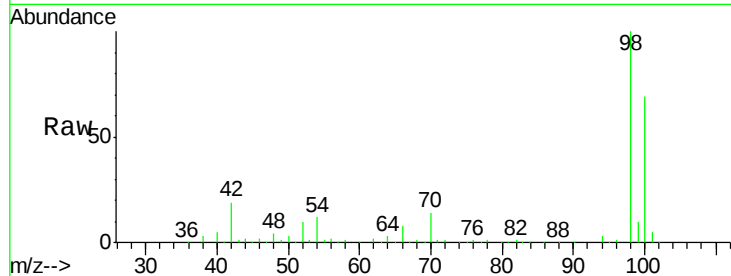




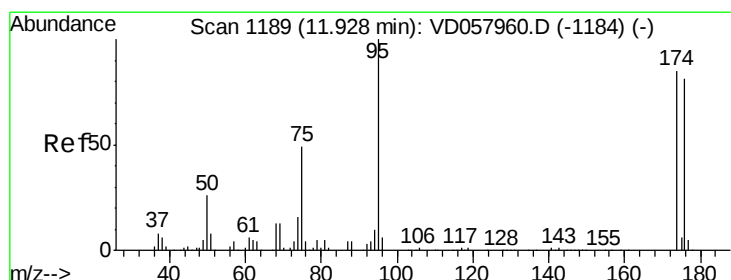
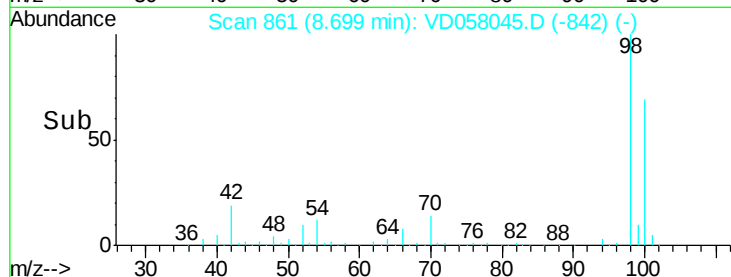
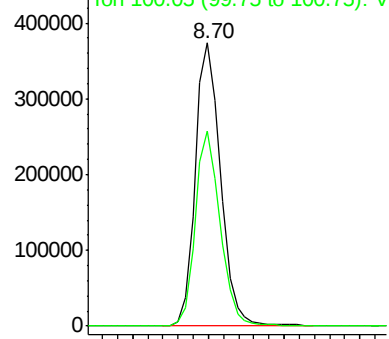
#50
Toluene-d8
Concen: N.D. ug/l
RT: 8.70 min Scan# 861
Delta R.T. -0.01 min
Lab File: VD058045.D
Acq: 9 Jun 2018 5:55

Instrument :
MSVOA_D
ClientSampleId :
FK-BPM-02-006-ABCD

Tot Ion: 98 Resp: 866400
Ion Ratio Lower Upper
98 100
100 68.8 53.4 80.0

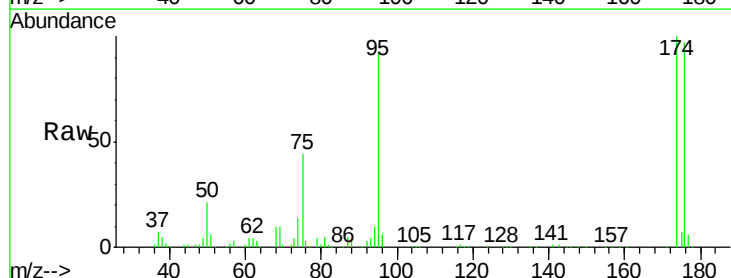


Abundance Ion 98.05 (97.75 to 98.75): VDC
Ion 100.05 (99.75 to 100.75): VDC

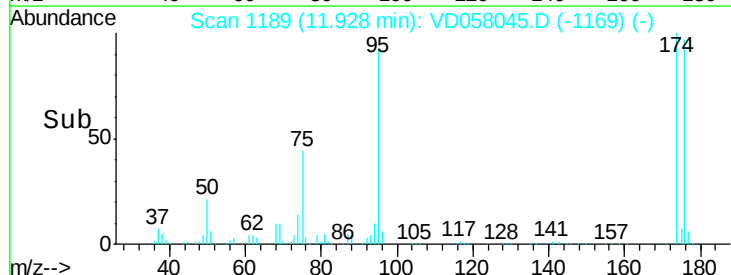
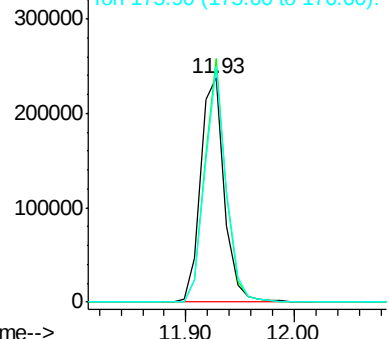


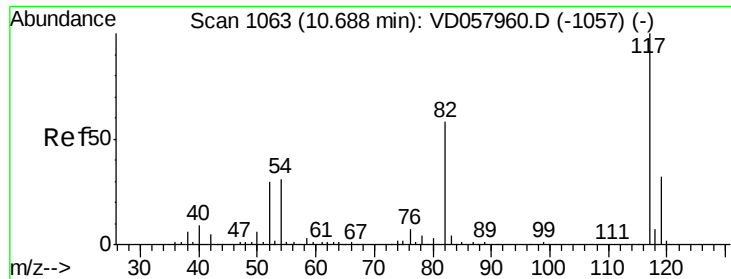
#62
4-Bromofluorobenzene
Concen: N.D. ug/l
RT: 11.93 min Scan# 1189
Delta R.T. -0.00 min
Lab File: VD058045.D
Acq: 9 Jun 2018 5:55

Tgt Ion: 95 Resp: 362263
Ion Ratio Lower Upper
95 100
174 108.7 0.0 169.4
176 105.3 0.0 162.6



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

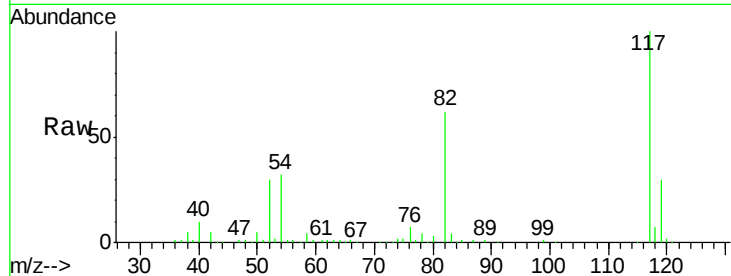




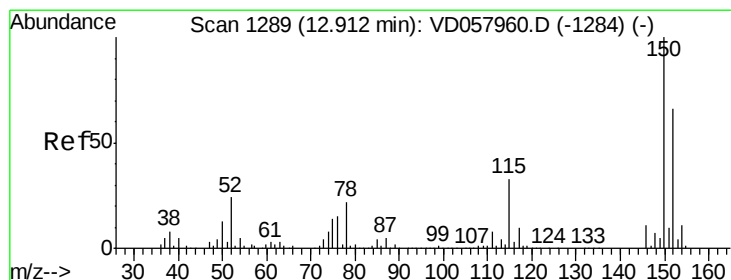
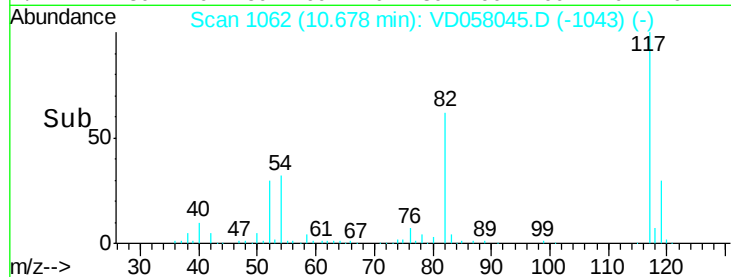
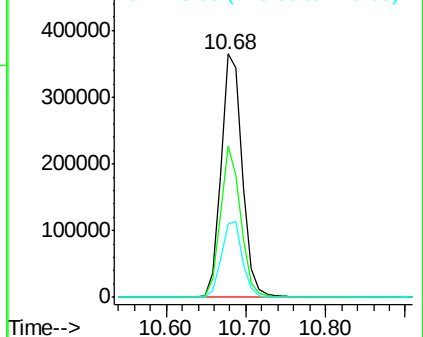
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.68 min Scan# 1062
Delta R.T. -0.01 min
Lab File: VD058045.D
Acq: 9 Jun 2018 5:55

Instrument :
MSVOA_D
ClientSampleId :
FK-BPM-02-006-ABCD

Tot Ion:117 Resp: 687675
Ion Ratio Lower Upper
117 100
82 62.4 46.8 70.2
119 30.4 25.8 38.6

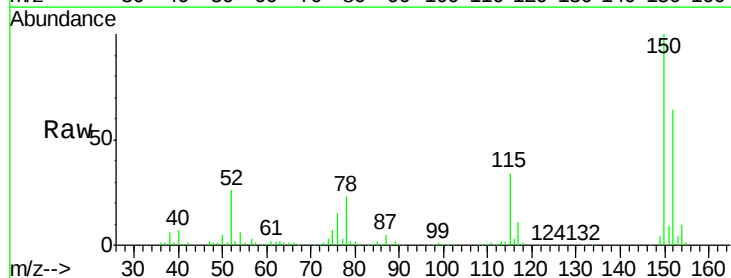


Abundance Ion 116.95 (116.65 to 117.65): V
Ion 82.05 (81.75 to 82.75): V
Ion 118.95 (118.65 to 119.65): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.90 min Scan# 1288
Delta R.T. -0.01 min
Lab File: VD058045.D
Acq: 9 Jun 2018 5:55

Tgt Ion:152 Resp: 337142
Ion Ratio Lower Upper
152 100
115 53.9 25.6 76.6
150 157.2 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

