

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD062018\
 Data File : VD058211.D
 Acq On : 20 Jun 2018 15:48
 Operator : VA/AP
 Sample : J3554-06
 Misc : 6.28g/5ml/MSVOA D/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 A-5(2.5)

Quant Time: Jun 21 11:17:51 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D061918S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 20 05:52:56 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.64	168	678334	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.70	114	872654	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.69	117	717661	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.91	152	357544	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.03	65	345588	50.44	ug/l	0.01
Spiked Amount	50.000		Recovery	=	100.88%	
35) Dibromofluoromethane	5.55	113	352684	49.66	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.32%	
50) Toluene-d8	8.71	98	796937	46.38	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.76%	
62) 4-Bromofluorobenzene	11.93	95	322658	45.97	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.94%	

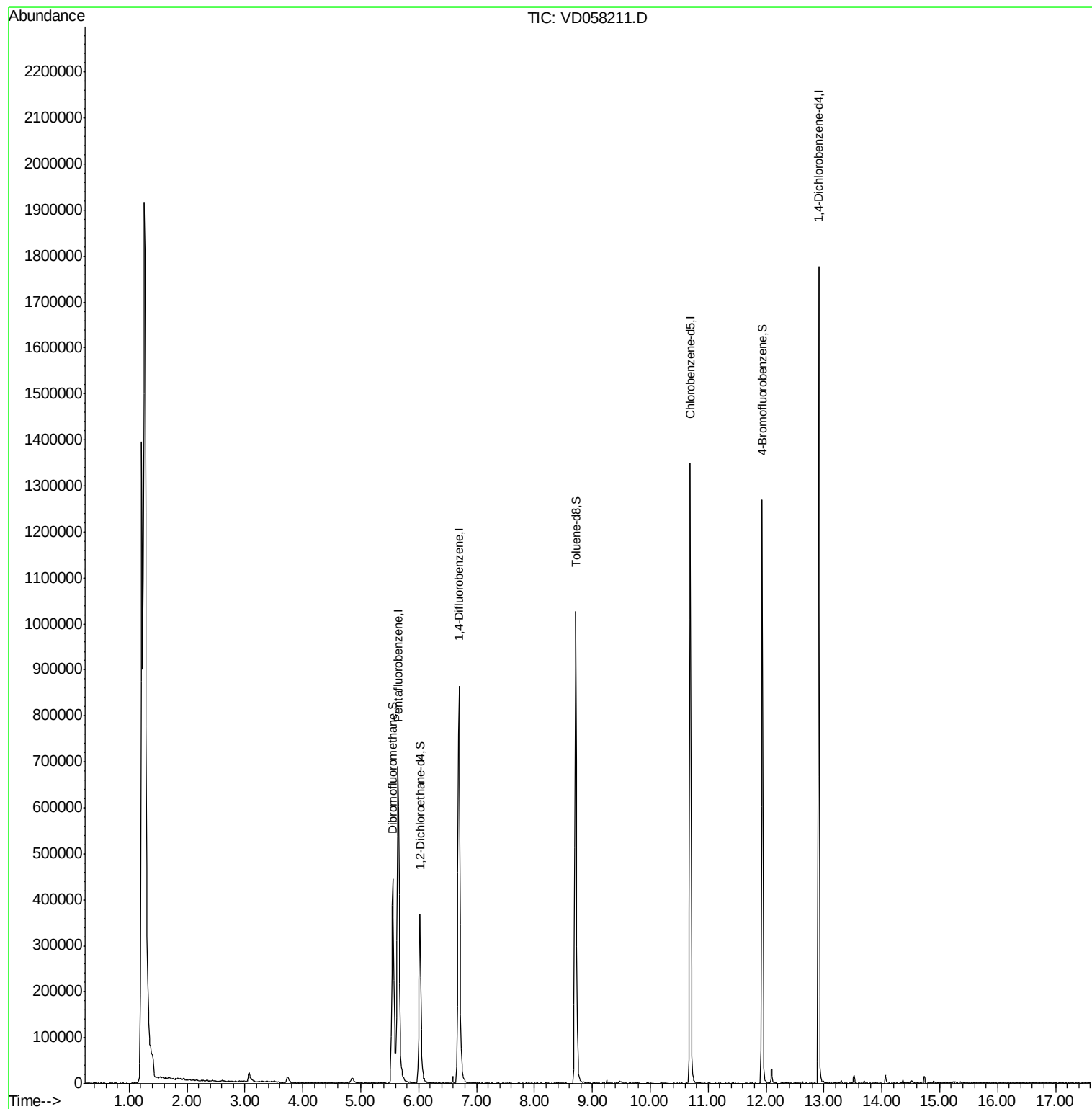
Target Compounds	Qvalue

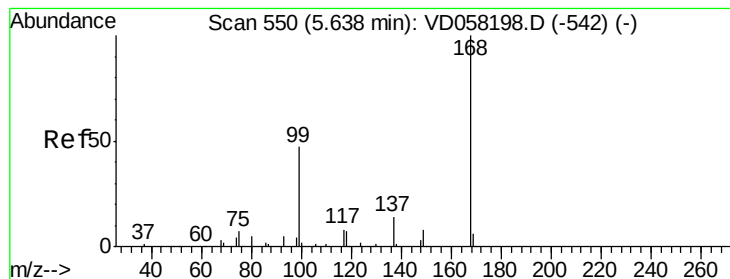
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Wed Jun 20 05:52:56 2018
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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.64 min Scan# 550

Delta R.T. 0.00 min

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Instrument :

MSVOA_D

ClientSampleId :

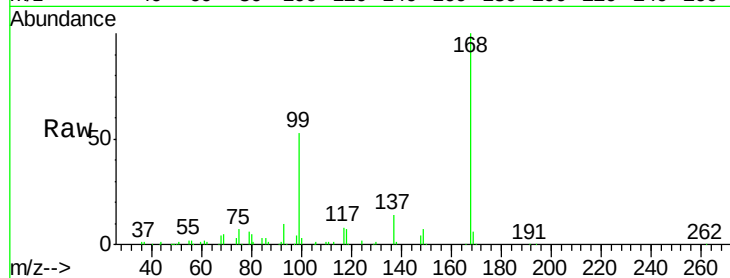
A-5(2.5)

Tot Ion:168 Resp: 678334

Ion Ratio Lower Upper

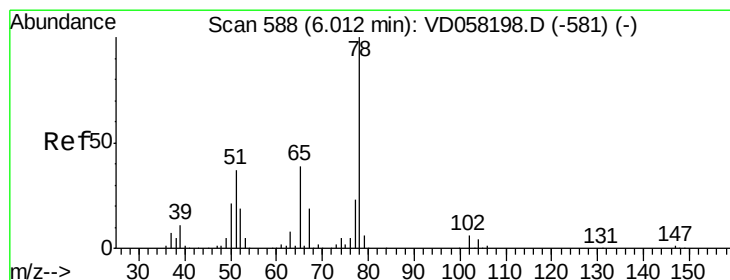
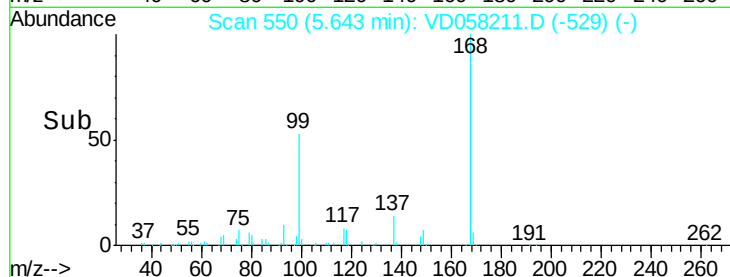
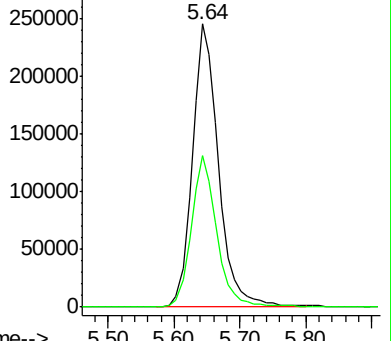
168 100

99 53.4 41.1 61.7



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: Below ug/l

RT: 6.03 min Scan# 589

Delta R.T. 0.01 min

Lab File: VD058211.D

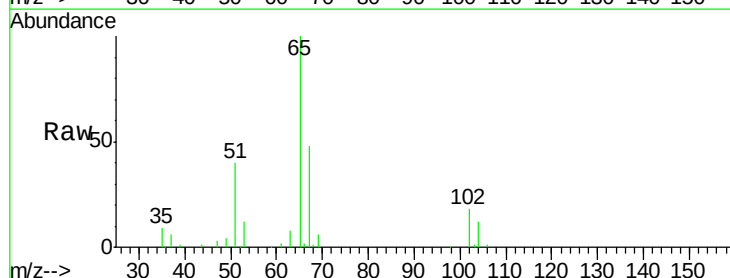
Acq: 20 Jun 2018 15:48

Tgt Ion: 65 Resp: 345588

Ion Ratio Lower Upper

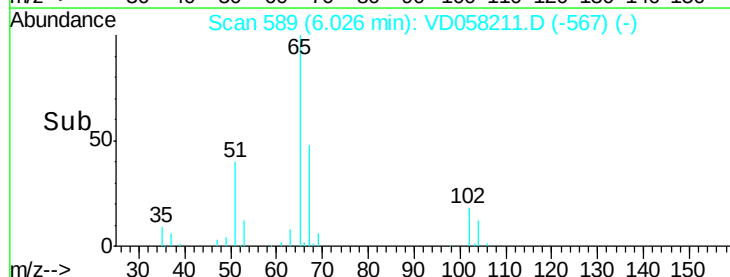
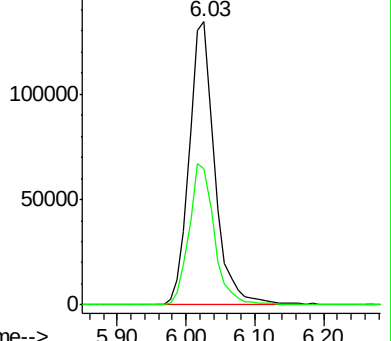
65 100

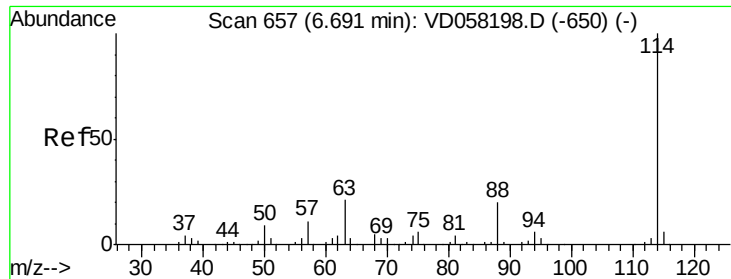
67 48.2 0.0 97.8



Abundance Ion 64.95 (64.65 to 65.65): VDC

Ion 66.90 (66.60 to 67.60): VDC

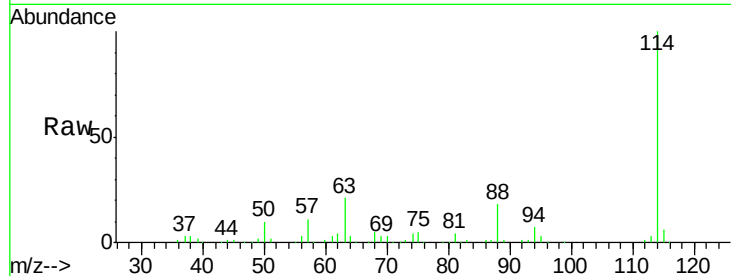




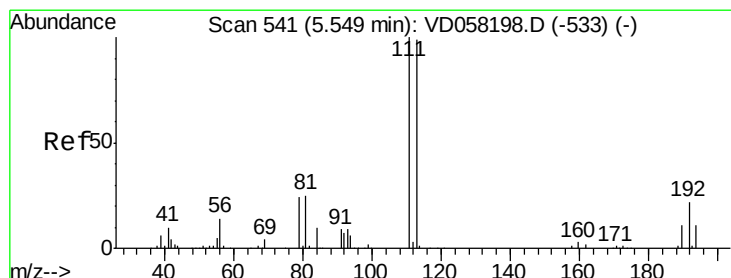
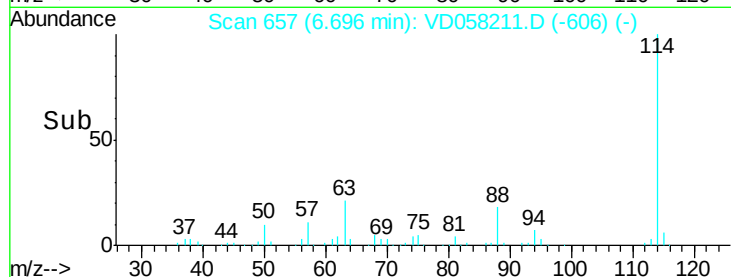
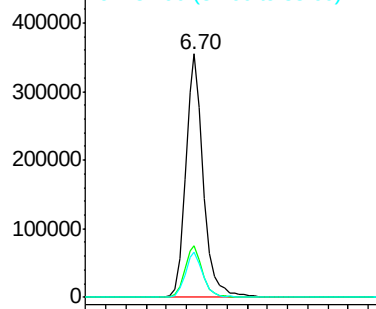
#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.70 min Scan# 657
 Delta R.T. 0.00 min
 Lab File: VD058211.D
 Acq: 20 Jun 2018 15:48

Instrument :
 MSVOA_D
 ClientSampleId :
 A-5(2.5)

Tot Ion:114 Resp: 872654
 Ion Ratio Lower Upper
 114 100
 63 21.5 0.0 42.6
 88 18.3 0.0 40.6

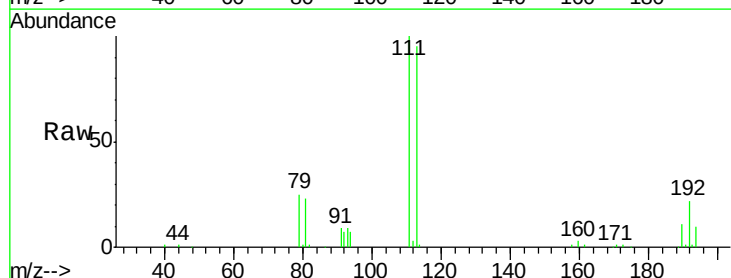


Abundance Ion 114.00 (113.70 to 114.70): V
 Ion 62.95 (62.65 to 63.65): V
 Ion 87.90 (87.60 to 88.60): V

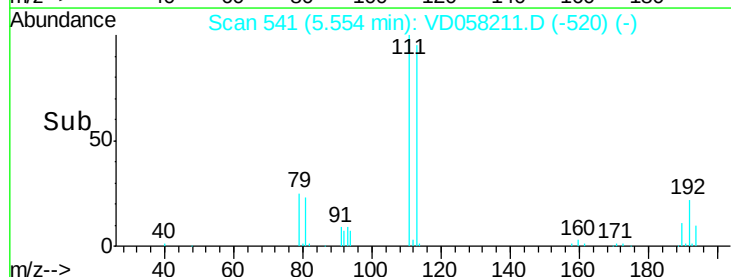
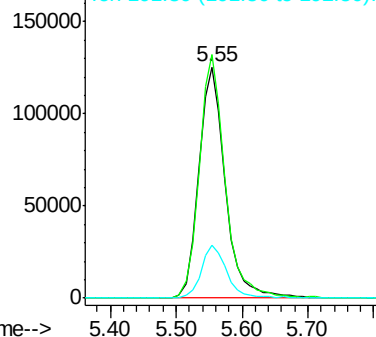


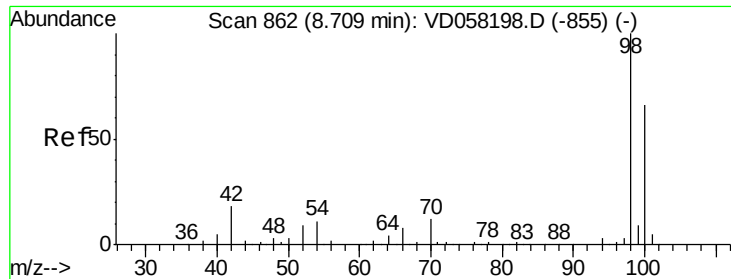
#35
 Dibromofluoromethane
 Concen: 50.00 ug/l
 RT: 5.55 min Scan# 541
 Delta R.T. 0.00 min
 Lab File: VD058211.D
 Acq: 20 Jun 2018 15:48

Tgt Ion:113 Resp: 352684
 Ion Ratio Lower Upper
 113 100
 111 105.2 80.6 121.0
 192 23.0 17.8 26.6



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

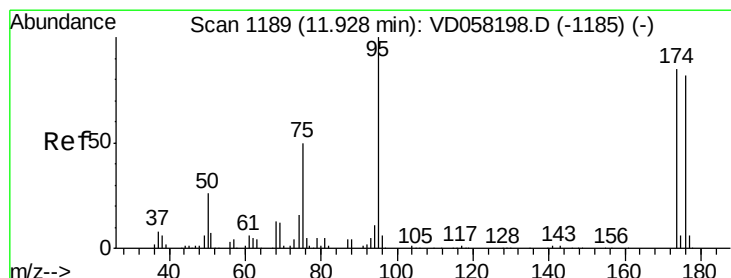
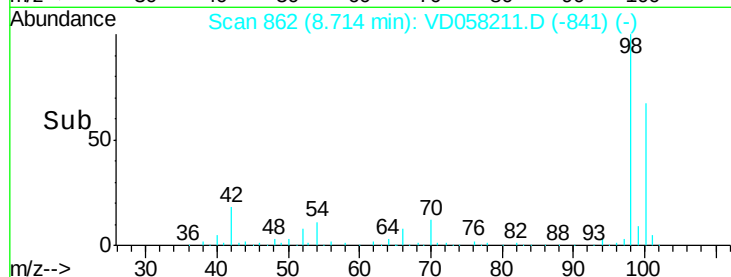
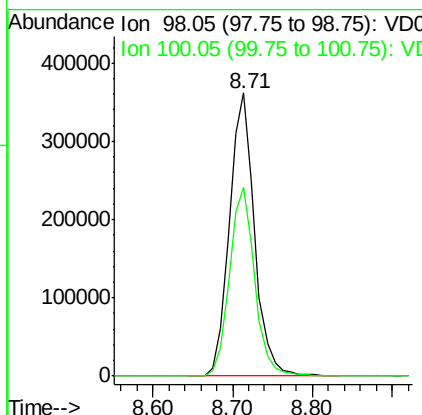
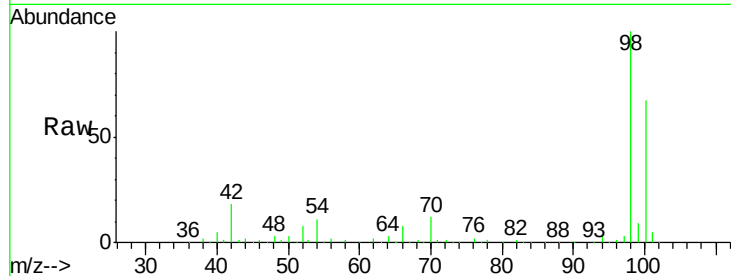




#50
Toluene-d8
Concen: N.D. ug/l
RT: 8.71 min Scan# 862
Delta R.T. 0.00 min
Lab File: VD058211.D
Acq: 20 Jun 2018 15:48

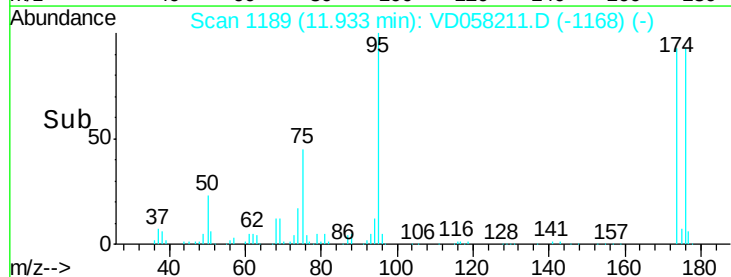
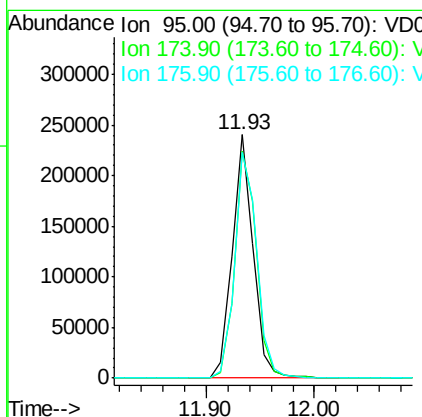
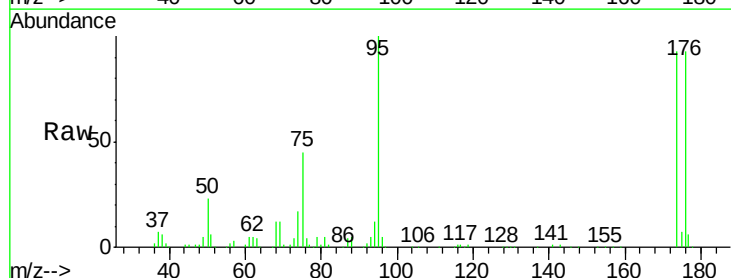
Instrument :
MSVOA_D
ClientSampleId :
A-5(2.5)

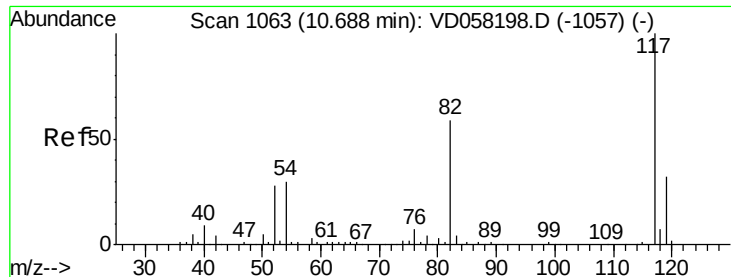
Tot Ion: 98 Resp: 796937
Ion Ratio Lower Upper
98 100
100 66.7 53.6 80.4



#62
4-Bromofluorobenzene
Concen: N.D. ug/l
RT: 11.93 min Scan# 1189
Delta R.T. 0.00 min
Lab File: VD058211.D
Acq: 20 Jun 2018 15:48

Tgt Ion: 95 Resp: 322658
Ion Ratio Lower Upper
95 100
174 93.2 0.0 170.2
176 92.7 0.0 164.6





#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 10.69 min Scan# 1063

Delta R.T. 0.00 min

Lab File: VD058211.D

Acq: 20 Jun 2018 15:48

Instrument :

MSVOA_D

ClientSampled :

A-5(2.5)

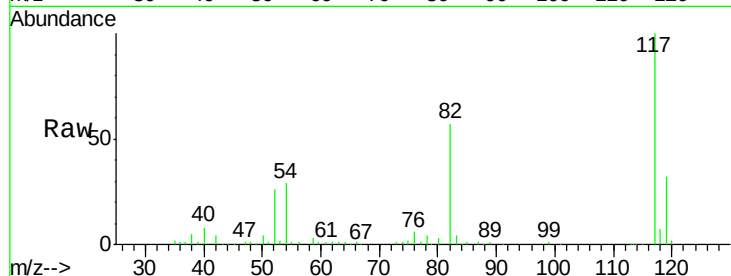
Tot Ion:117 Resp: 717661

Ion Ratio Lower Upper

117 100

82 57.0 47.0 70.6

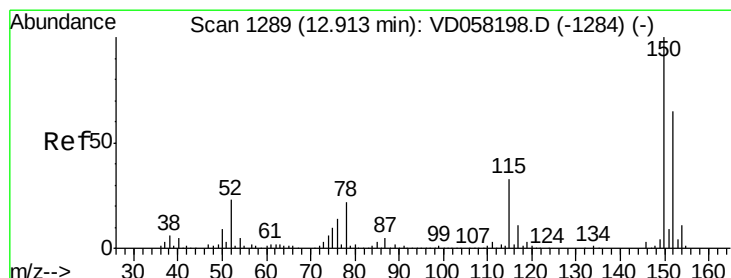
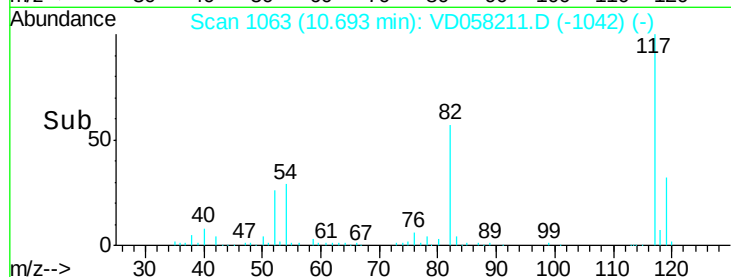
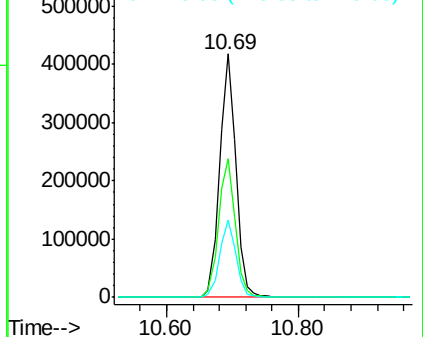
119 31.9 25.3 37.9



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: 12.91 min Scan# 1288

Delta R.T. -0.00 min

Lab File: VD058211.D

Acq: 20 Jun 2018 15:48

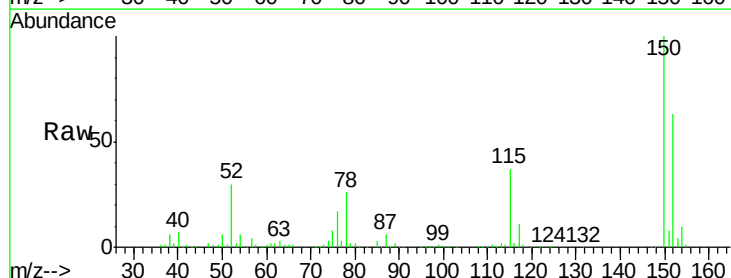
Tgt Ion:152 Resp: 357544

Ion Ratio Lower Upper

152 100

115 59.3 25.1 75.3

150 159.6 0.0 308.8



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

