

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD081618\
 Data File : VD059812.D
 Acq On : 16 Aug 2018 15:53
 Operator : VA/AP
 Sample : J4460-02
 Misc : 5.02g/5ml/MSVOA D/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 RA-080918-SW-002

Quant Time: Aug 17 06:01:35 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D081518S.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 15 16:08:23 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.61	168	264839	50.00	ug/l	-0.03
34) 1,4-Difluorobenzene	6.67	114	331747	50.00	ug/l	-0.02
63) Chlorobenzene-d5	10.67	117	236373	50.00	ug/l	-0.02
72) 1,4-Dichlorobenzene-d4	12.89	152	98195	50.00	ug/l	-0.02

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.99	65	158642	46.62	ug/l	-0.03
Spiked Amount	50.000		Recovery	=	93.24%	
35) Dibromofluoromethane	5.51	113	142754	49.38	ug/l	-0.03
Spiked Amount	50.000		Recovery	=	98.76%	
50) Toluene-d8	8.68	98	288476	42.13	ug/l	-0.03
Spiked Amount	50.000		Recovery	=	84.26%	
62) 4-Bromofluorobenzene	11.92	95	109764	35.78	ug/l	0.00
Spiked Amount	50.000		Recovery	=	71.56%	

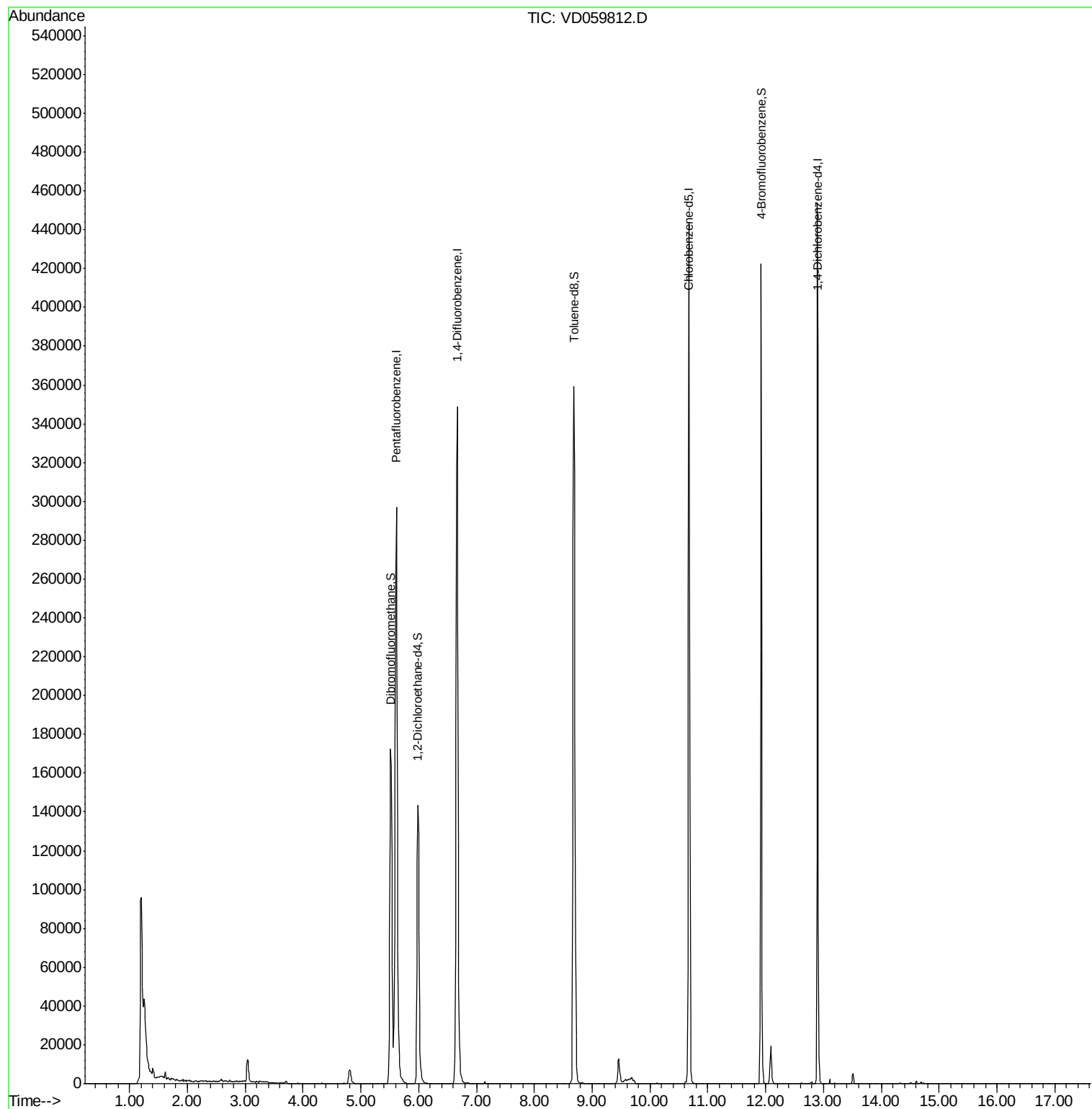
Target Compounds	Qvalue

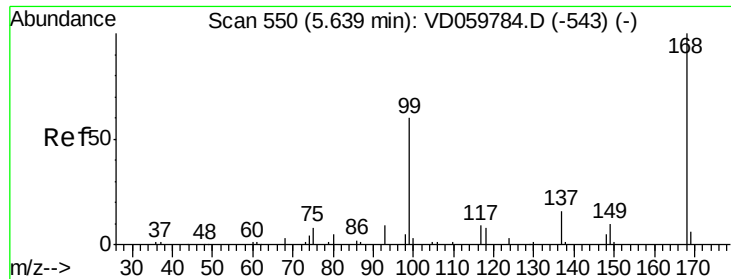
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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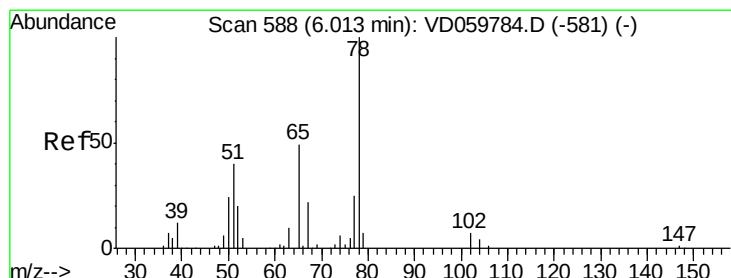
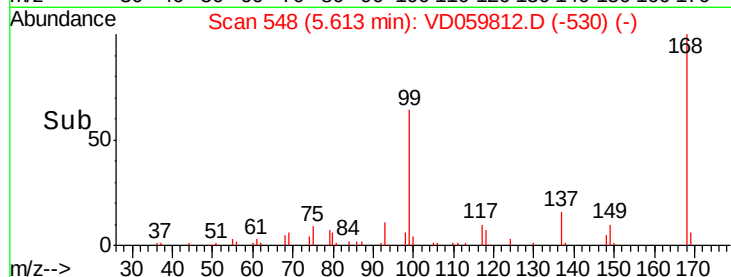
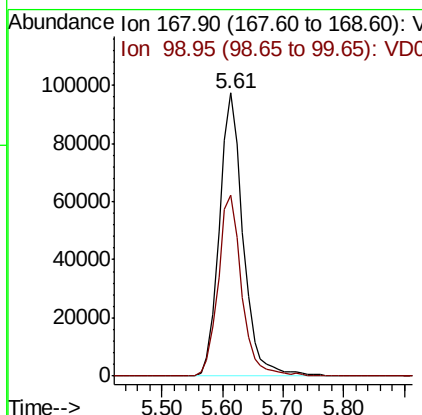
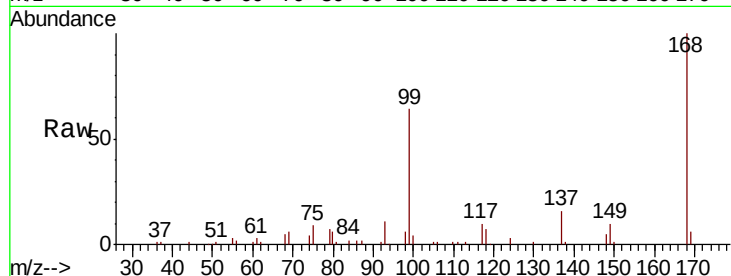




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.61 min Scan# 548
Delta R.T. -0.03 min
Lab File: VD059812.D
Acq: 16 Aug 2018 15:53

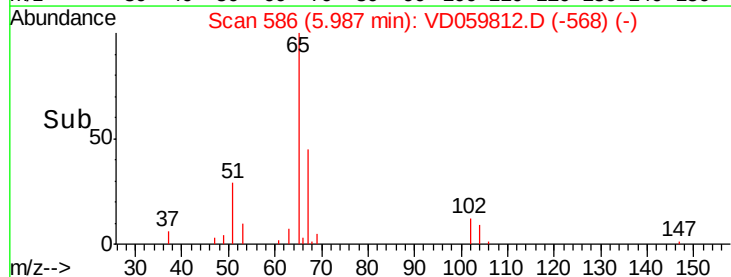
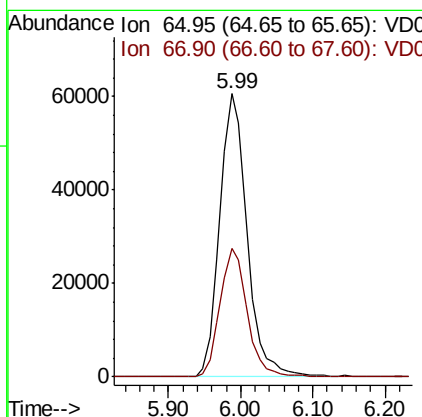
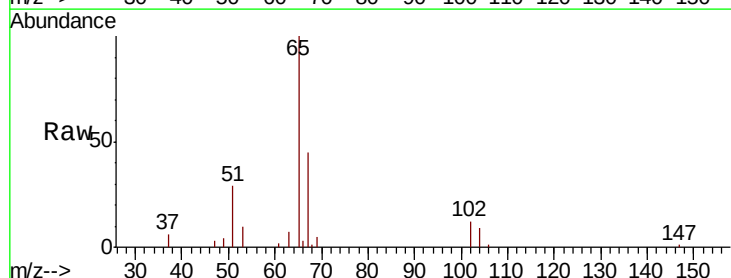
Instrument :
MSVOA_D
ClientSampleId :
RA-080918-SW-002

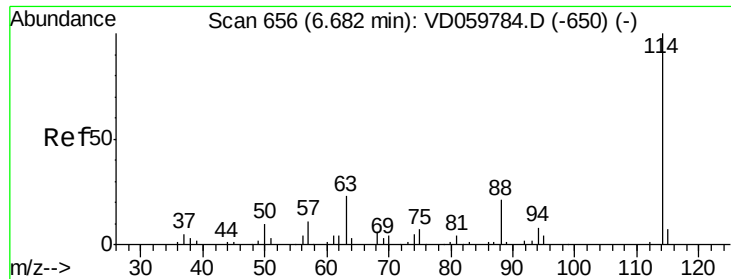
Tot Ion:168 Resp: 264839
Ion Ratio Lower Upper
168 100
99 63.9 50.3 75.5



#33
1,2-Dichloroethane-d4
Concen: N.D. ug/l
RT: 5.99 min Scan# 586
Delta R.T. -0.03 min
Lab File: VD059812.D
Acq: 16 Aug 2018 15:53

Tgt Ion: 65 Resp: 158642
Ion Ratio Lower Upper
65 100
67 45.3 0.0 87.8

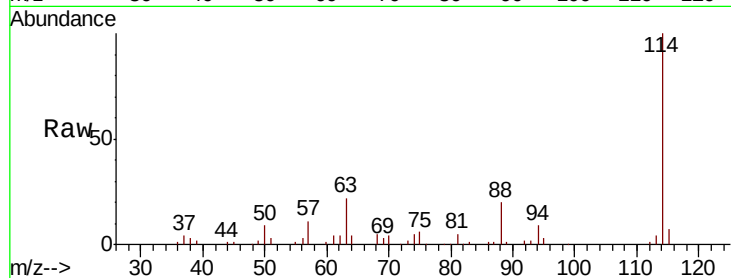




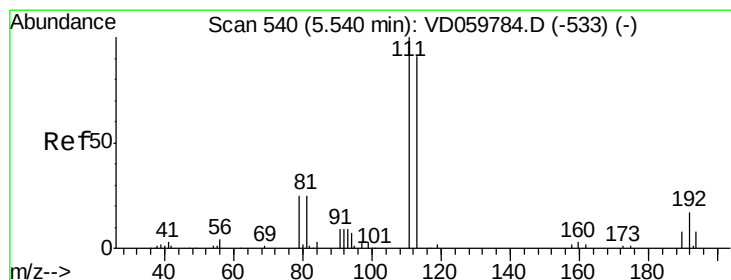
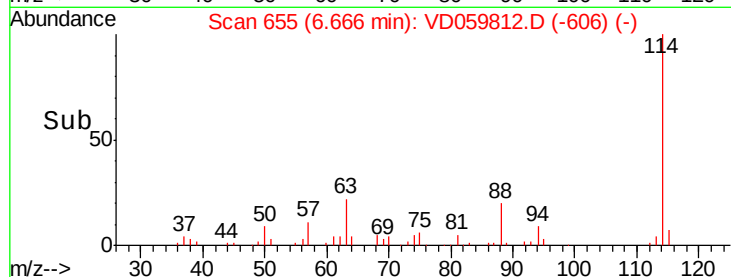
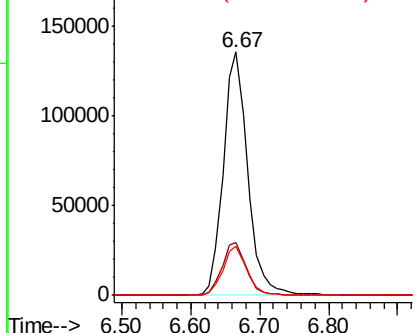
#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.67 min Scan# 655
 Delta R.T. -0.02 min
 Lab File: VD059812.D
 Acq: 16 Aug 2018 15:53

Instrument :
 MSVOA_D
 ClientSampleId :
 RA-080918-SW-002

Tot Ion:114 Resp: 331747
 Ion Ratio Lower Upper
 114 100
 63 21.6 0.0 45.0
 88 20.3 0.0 41.2

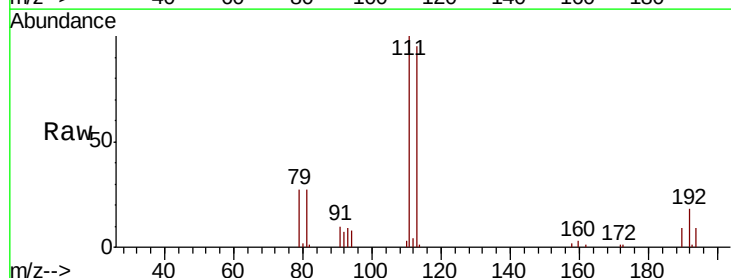


Abundance Ion 114.00 (113.70 to 114.70): V
 Ion 62.95 (62.65 to 63.65): V
 Ion 87.90 (87.60 to 88.60): V

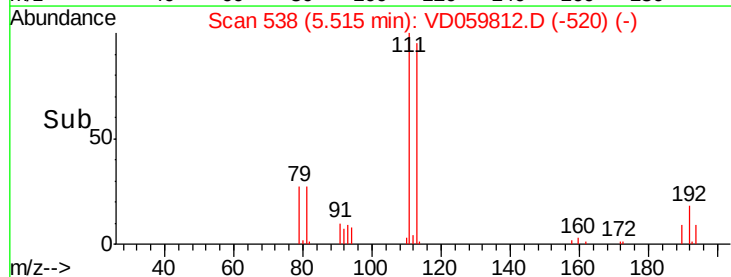
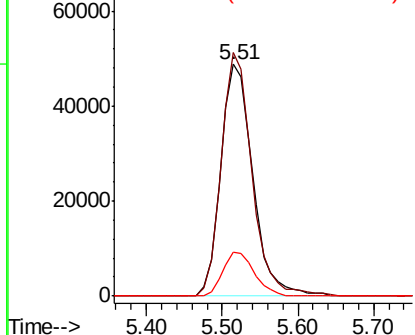


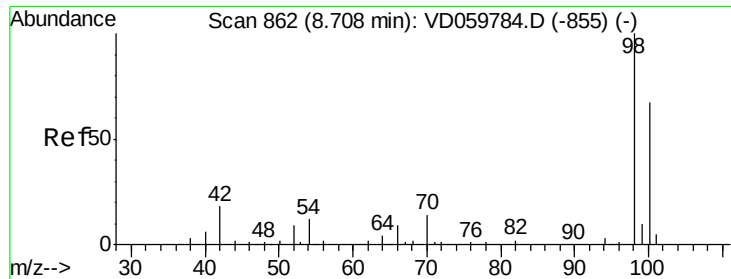
#35
 Dibromofluoromethane
 Concen: 50.00 ug/l
 RT: 5.51 min Scan# 538
 Delta R.T. -0.03 min
 Lab File: VD059812.D
 Acq: 16 Aug 2018 15:53

Tgt Ion:113 Resp: 142754
 Ion Ratio Lower Upper
 113 100
 111 104.9 87.7 131.5
 192 18.9 14.6 21.8



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

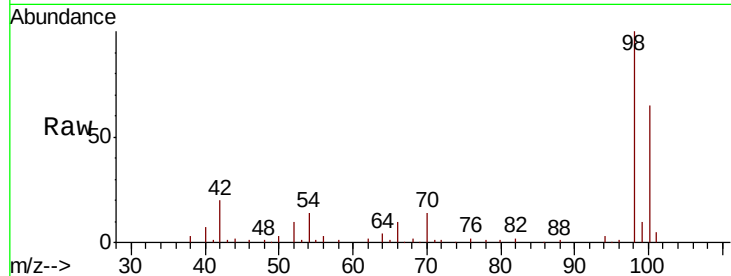




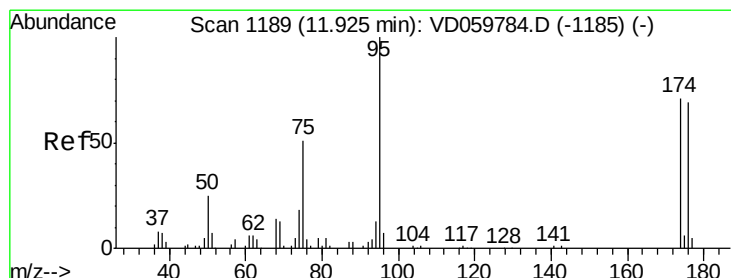
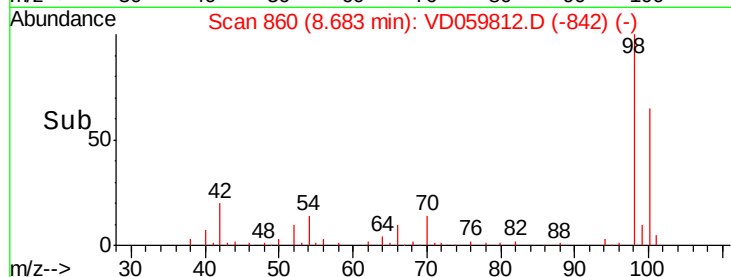
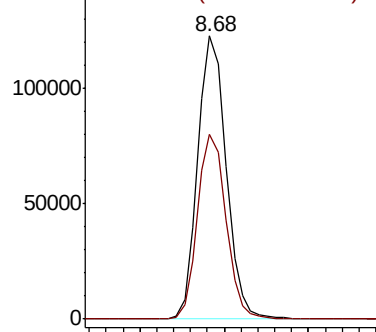
#50
Toluene-d8
Concen: N.D. ug/l
RT: 8.68 min Scan# 860
Delta R.T. -0.03 min
Lab File: VD059812.D
Acq: 16 Aug 2018 15:53

Instrument :
MSVOA_D
ClientSampleId :
RA-080918-SW-002

Tot Ion: 98 Resp: 288476
Ion Ratio Lower Upper
98 100
100 65.3 54.2 81.4

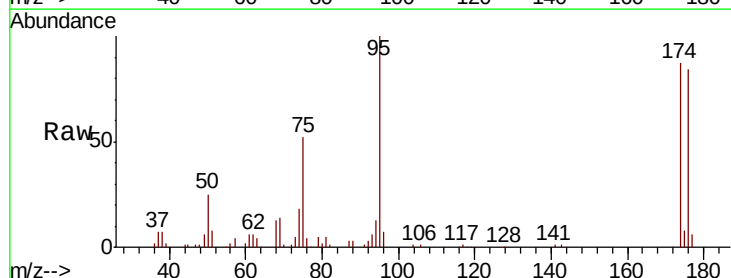


Abundance Ion 98.05 (97.75 to 98.75): VDC
Ion 100.05 (99.75 to 100.75): VDC

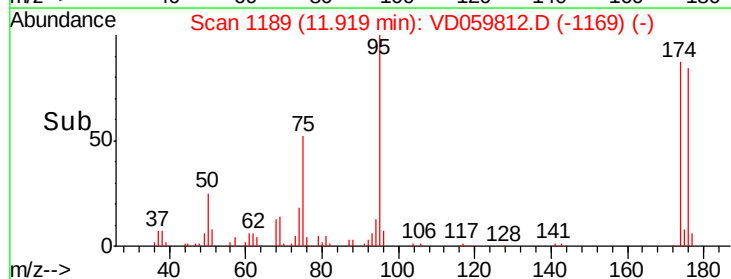
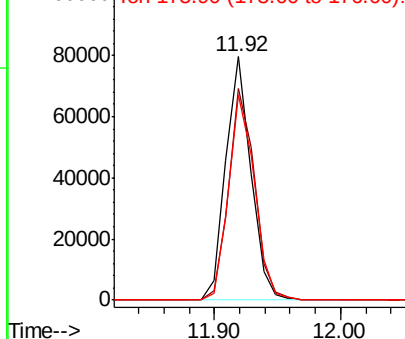


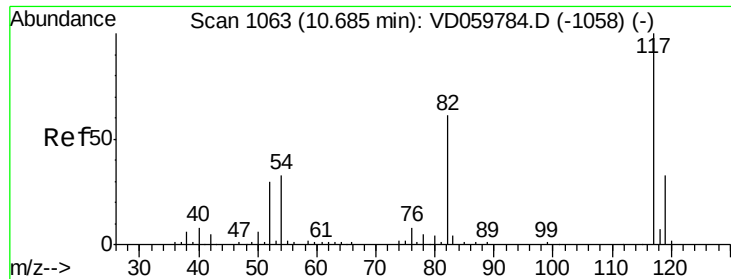
#62
4-Bromofluorobenzene
Concen: N.D. ug/l
RT: 11.92 min Scan# 1189
Delta R.T. -0.01 min
Lab File: VD059812.D
Acq: 16 Aug 2018 15:53

Tgt Ion: 95 Resp: 109764
Ion Ratio Lower Upper
95 100
174 86.7 0.0 142.2
176 84.1 0.0 137.4



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: 10.67 min Scan# 1062

Delta R.T. -0.02 min

Lab File: VD059812.D

Acq: 16 Aug 2018 15:53

Instrument :

MSVOA_D

ClientSampleId :

RA-080918-SW-002

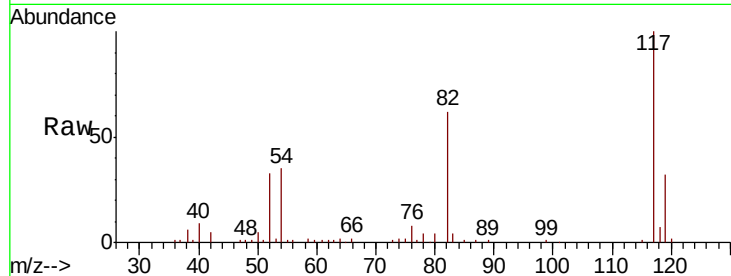
Tot Ion:117 Resp: 236373

Ion Ratio Lower Upper

117 100

82 62.4 49.0 73.6

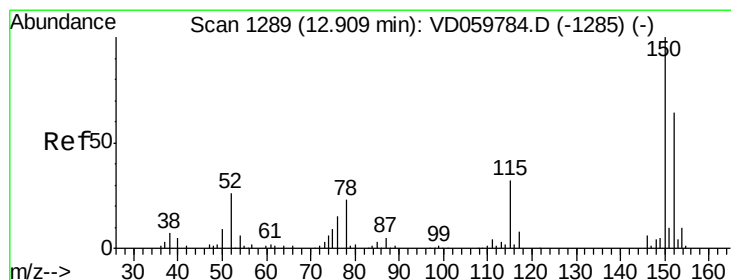
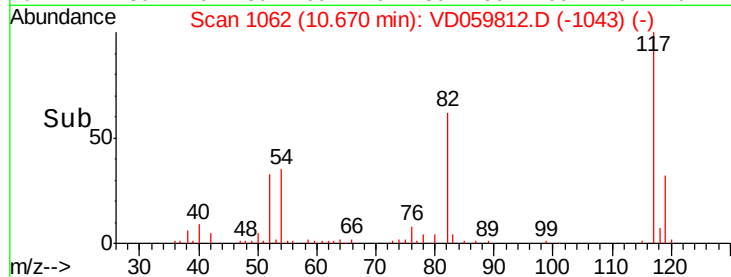
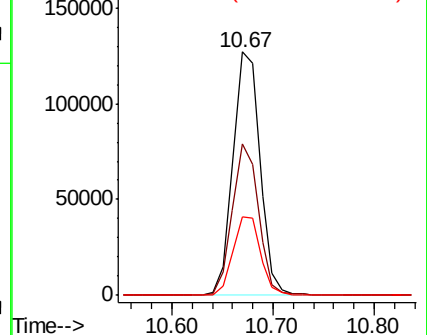
119 32.1 26.2 39.2



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# 1288

Delta R.T. -0.02 min

Lab File: VD059812.D

Acq: 16 Aug 2018 15:53

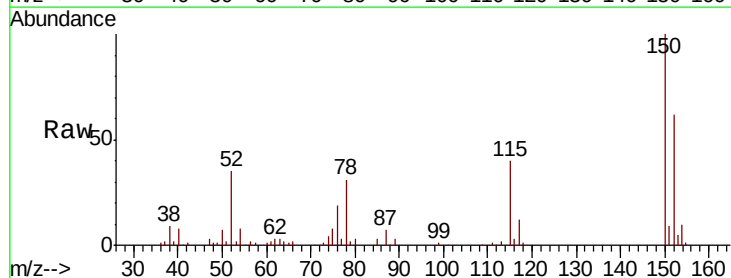
Tgt Ion:152 Resp: 98195

Ion Ratio Lower Upper

152 100

115 64.1 27.2 81.5

150 160.2 0.0 312.4



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

