

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD072618\
 Data File : VD059611.D
 Acq On : 26 Jul 2018 18:10
 Operator : VA/AP
 Sample : J4026-03RE
 Misc : 5.00µl/5ml/MSVOA D/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 KY030LC001-S-180716RE

Quant Time: Jul 27 05:15:12 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D072418S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jul 25 07:10:33 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.62	168	95033	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.67	114	120297	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.68	117	83612	50.00	ug/l	0.02
72) 1,4-Dichlorobenzene-d4	12.90	152	30795	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.99	65	79808	66.80	ug/l	0.00
Spiked Amount	50.000		Recovery	=	133.60%	
35) Dibromofluoromethane	5.52	113	62597	60.66	ug/l	0.00
Spiked Amount	50.000		Recovery	=	121.32%	
50) Toluene-d8	8.69	98	115963	49.54	ug/l	0.02
Spiked Amount	50.000		Recovery	=	99.08%	
62) 4-Bromofluorobenzene	11.92	95	44358	42.07	ug/l	0.00
Spiked Amount	50.000		Recovery	=	84.14%	

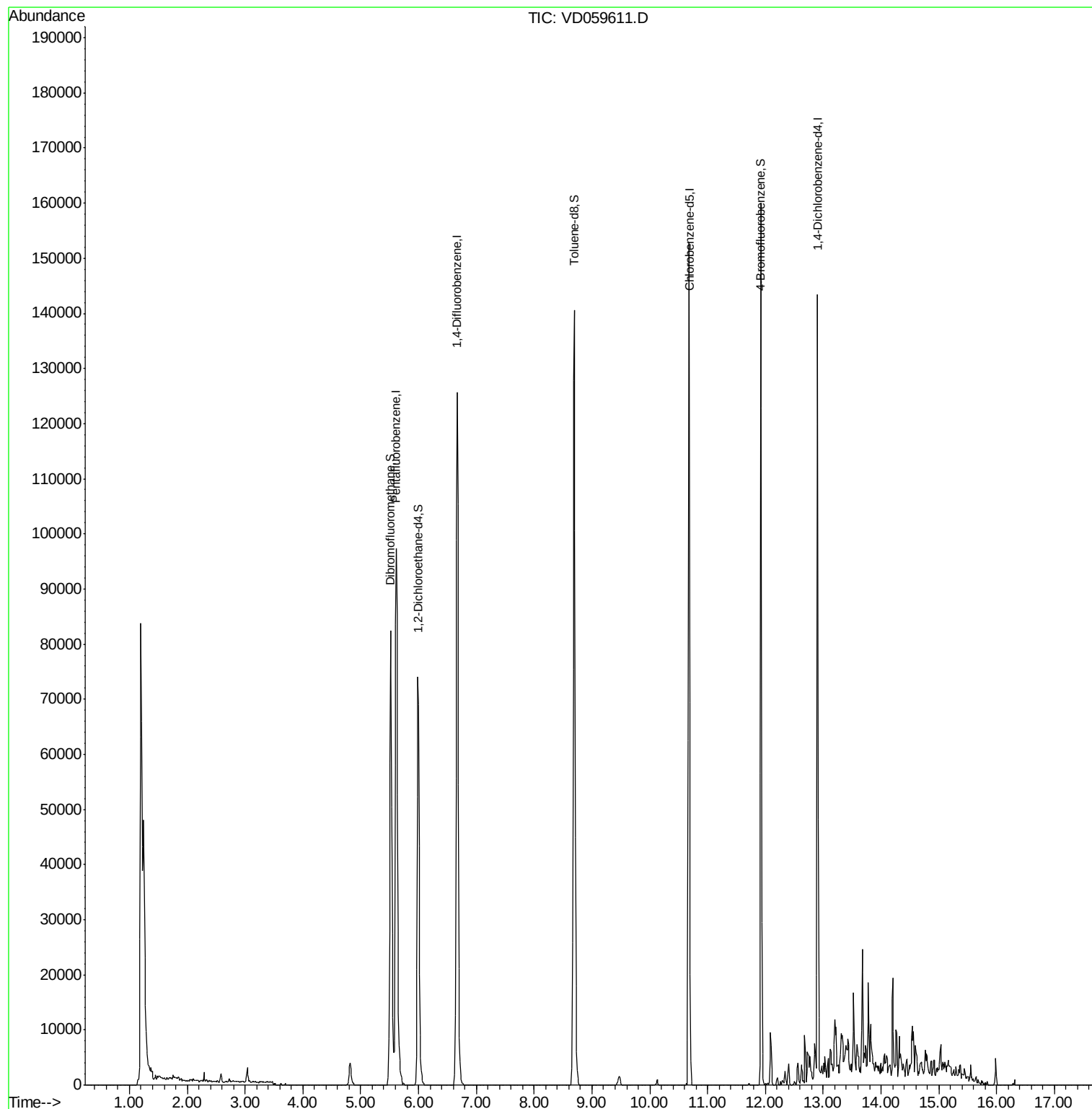
Target Compounds	Qvalue

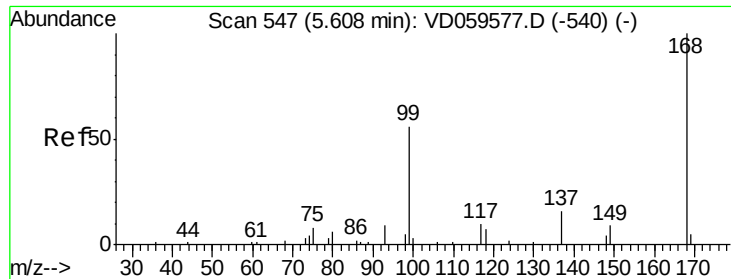
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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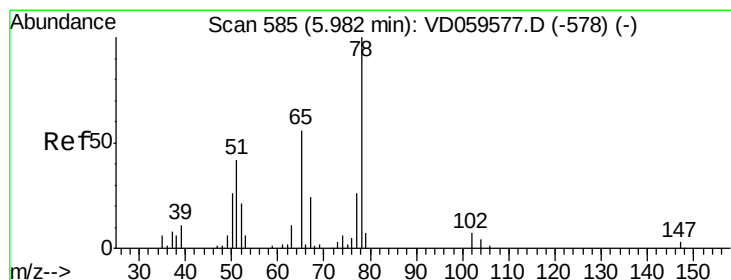
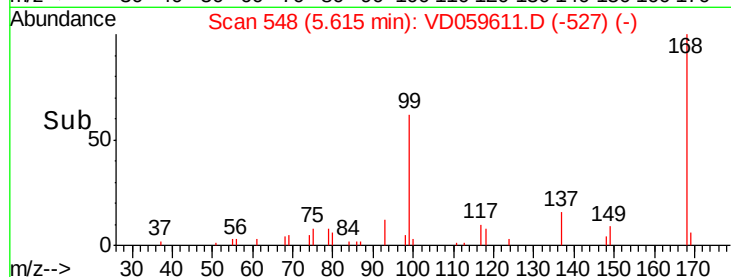
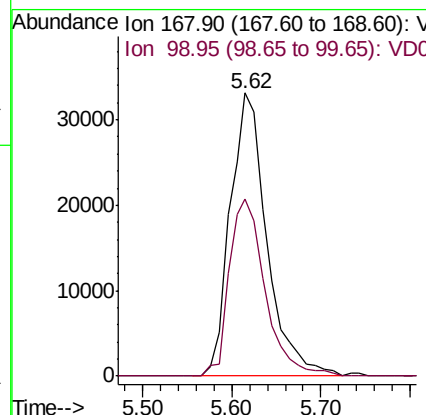
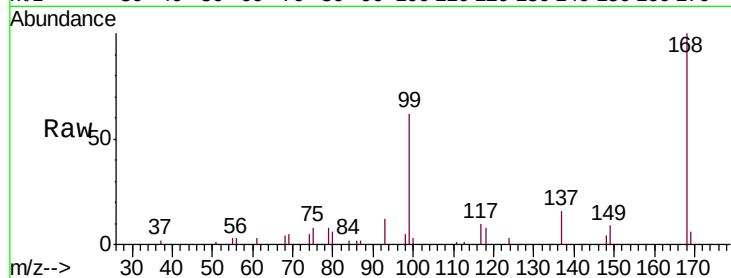




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.62 min Scan# 548
Delta R.T. 0.01 min
Lab File: VD059611.D
Acq: 26 Jul 2018 18:10

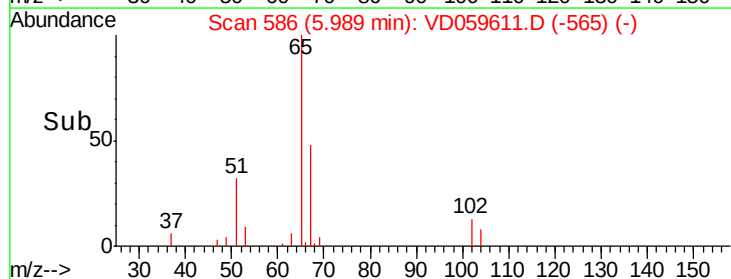
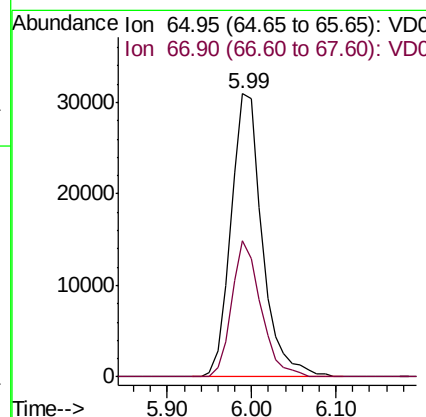
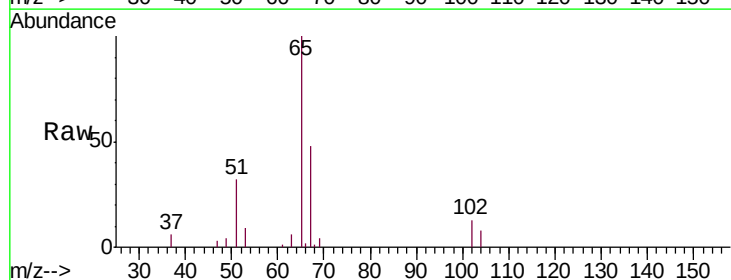
Instrument :
MSVOA_D
ClientSampleId :
KY030LC001-S-180716RE

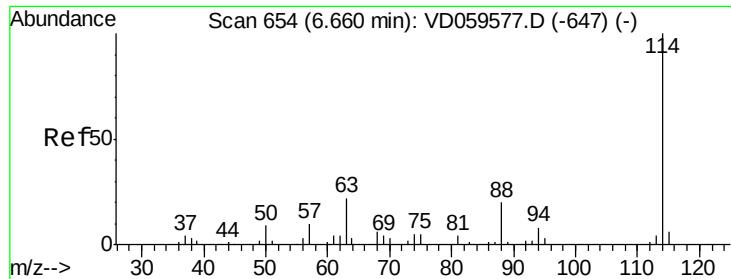
Tot Ion:168 Resp: 95033
Ion Ratio Lower Upper
168 100
99 62.5 47.3 70.9



#33
1,2-Dichloroethane-d4
Concen: N.D. ug/l
RT: 5.99 min Scan# 586
Delta R.T. 0.01 min
Lab File: VD059611.D
Acq: 26 Jul 2018 18:10

Tgt Ion: 65 Resp: 79808
Ion Ratio Lower Upper
65 100
67 48.2 0.0 86.4

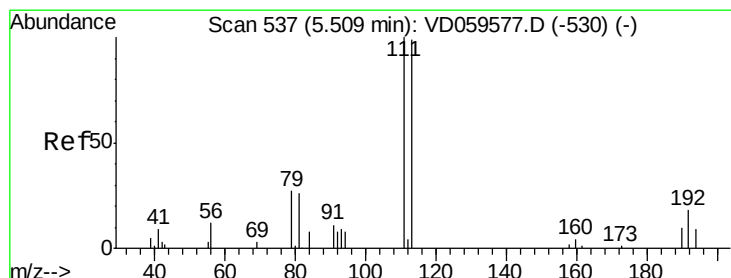
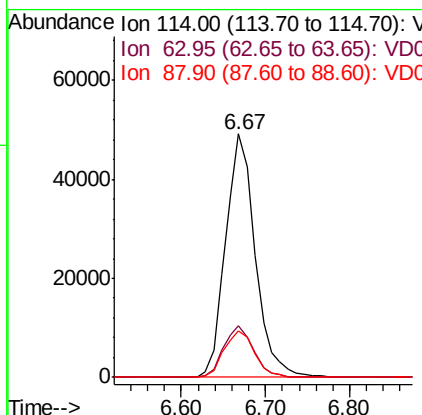
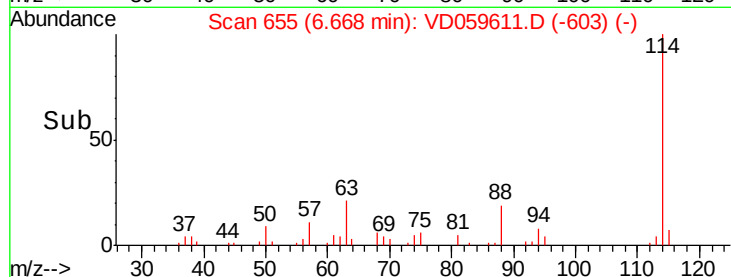
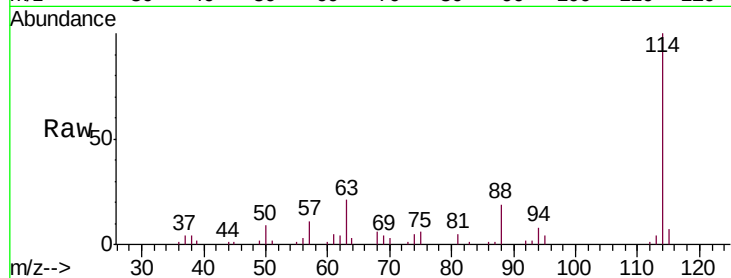




#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.67 min Scan# 655
 Delta R.T. 0.01 min
 Lab File: VD059611.D
 Acq: 26 Jul 2018 18:10

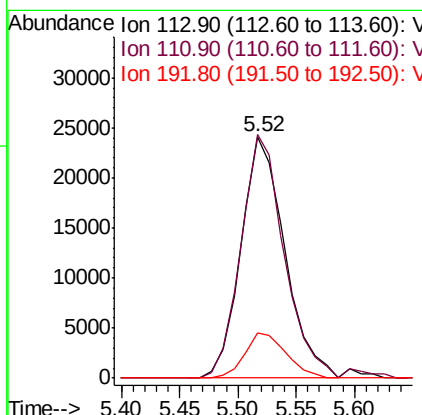
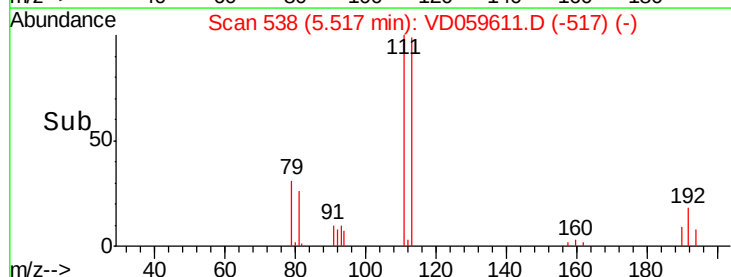
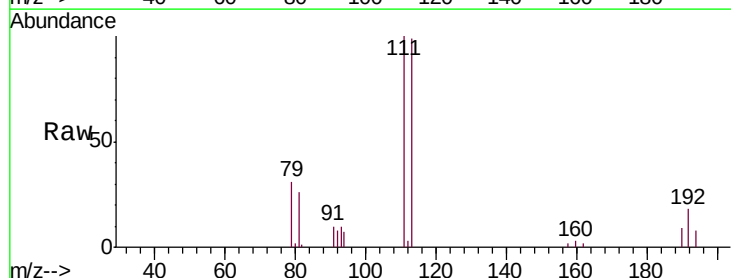
Instrument :
 MSVOA_D
 ClientSampleId :
 KY030LC001-S-180716RE

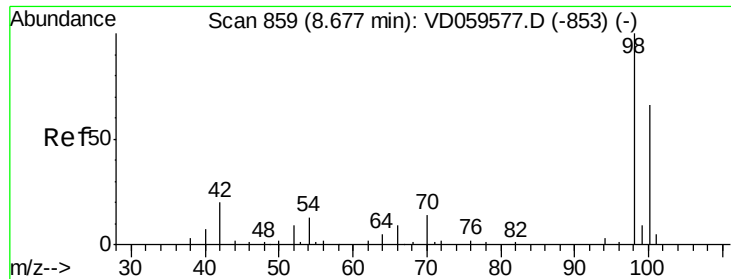
Tot Ion	Ratio	Lower	Upper
114	100		
63	21.0	0.0	43.8
88	19.2	0.0	39.0



#35
 Dibromofluoromethane
 Concen: 50.00 ug/l
 RT: 5.52 min Scan# 538
 Delta R.T. 0.01 min
 Lab File: VD059611.D
 Acq: 26 Jul 2018 18:10

Tgt Ion	Ratio	Lower	Upper
113	100		
111	100.8	80.5	120.7
192	18.5	14.5	21.7

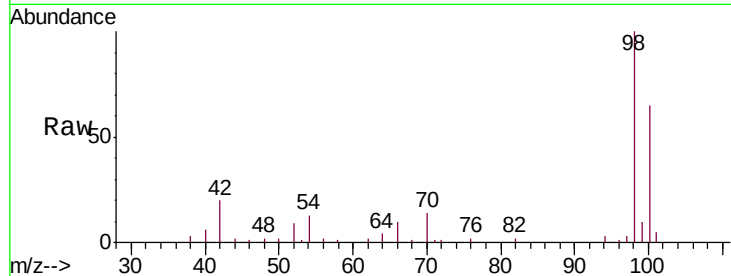




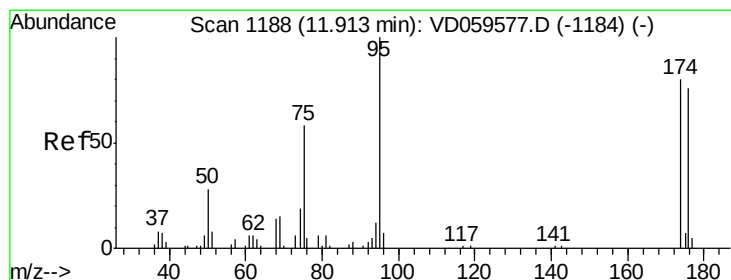
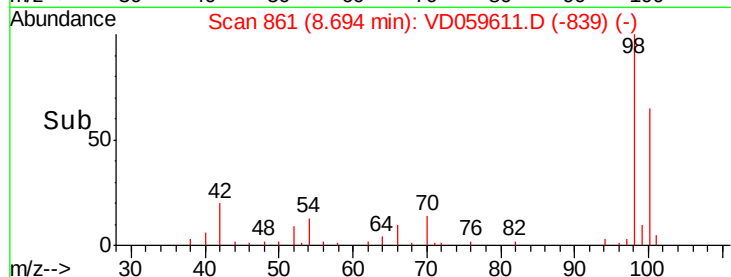
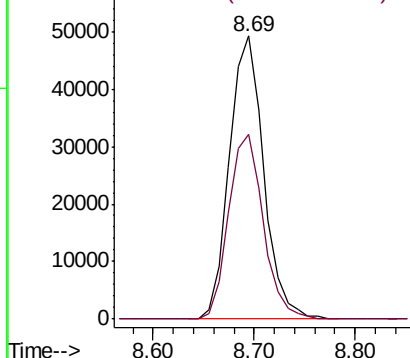
#50
Toluene-d8
Concen: N.D. ug/l
RT: 8.69 min Scan# 861
Delta R.T. 0.02 min
Lab File: VD059611.D
Acq: 26 Jul 2018 18:10

Instrument :
MSVOA_D
ClientSampleId :
KY030LC001-S-180716RE

Tot Ion: 98 Resp: 115963
Ion Ratio Lower Upper
98 100
100 65.2 53.2 79.8

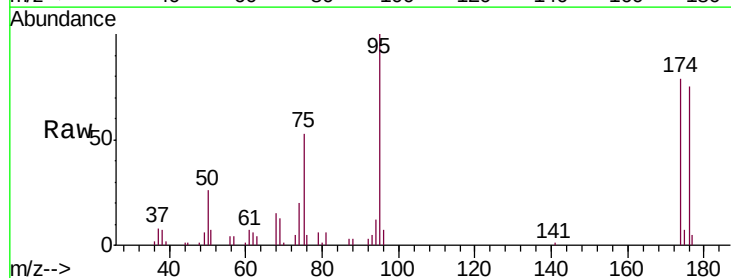


Abundance Ion 98.05 (97.75 to 98.75): VDC
Ion 100.05 (99.75 to 100.75): VDC

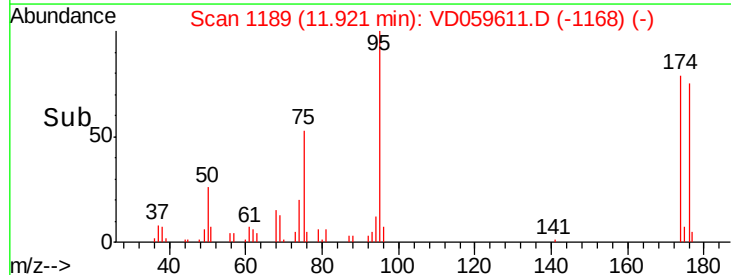
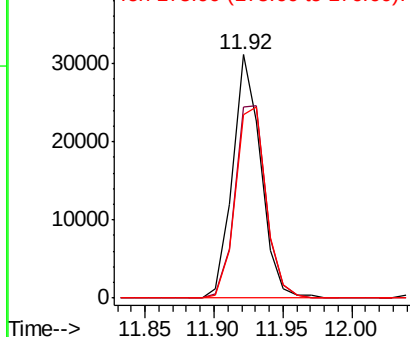


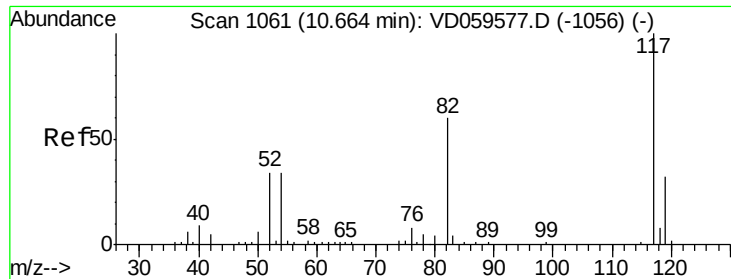
#62
4-Bromofluorobenzene
Concen: N.D. ug/l
RT: 11.92 min Scan# 1189
Delta R.T. 0.01 min
Lab File: VD059611.D
Acq: 26 Jul 2018 18:10

Tgt Ion: 95 Resp: 44358
Ion Ratio Lower Upper
95 100
174 78.6 0.0 160.6
176 75.1 0.0 152.8



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# 1063

Delta R.T. 0.02 min

Lab File: VD059611.D

Acq: 26 Jul 2018 18:10

Instrument :

MSVOA_D

ClientSampleId :

KY030LC001-S-180716RE

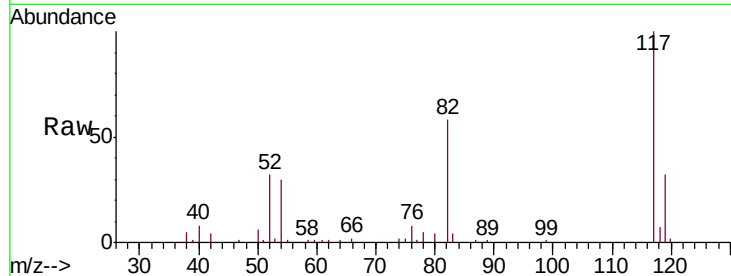
Tot Ion:117 Resp: 83612

Ion Ratio Lower Upper

117 100

82 58.1 48.2 72.2

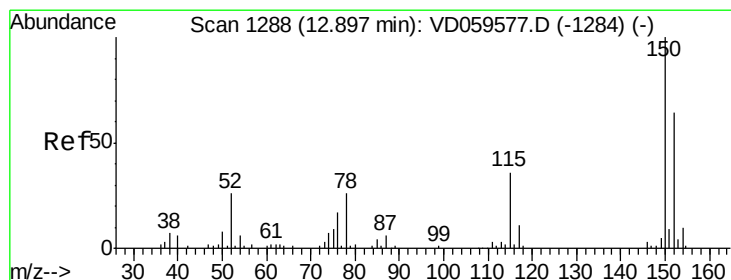
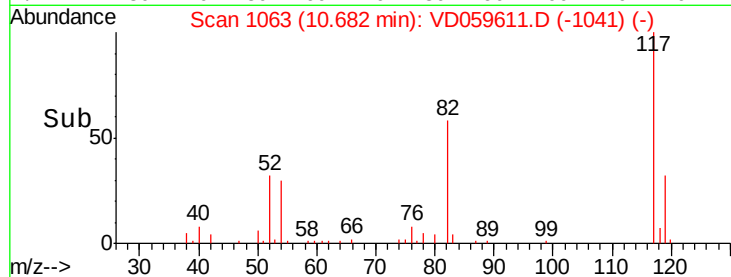
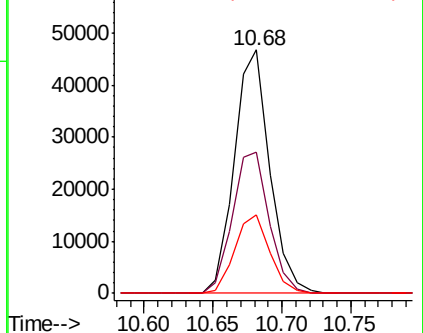
119 32.2 25.4 38.2



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: 12.90 min Scan# 1289

Delta R.T. 0.01 min

Lab File: VD059611.D

Acq: 26 Jul 2018 18:10

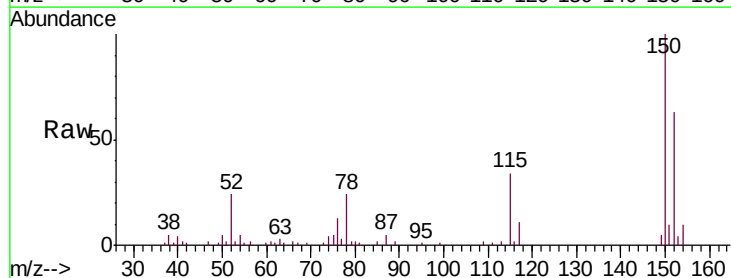
Tgt Ion:152 Resp: 30795

Ion Ratio Lower Upper

152 100

115 53.6 29.5 88.6

150 159.7 0.0 314.4



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

