

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD081618\
 Data File : VD059813.D
 Acq On : 16 Aug 2018 16:22
 Operator : VA/AP
 Sample : J4460-03
 Misc : 5.02g/5ml/MSVOA D/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 RA-081018-SW-003

Quant Time: Aug 17 06:03:11 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	5.62	168	249397	50.00	ug/l	-0.02
34) 1,4-Difluorobenzene	6.67	114	302649	50.00	ug/l	-0.01
63) Chlorobenzene-d5	10.67	117	194149	50.00	ug/l	-0.01
72) 1,4-Dichlorobenzene-d4	0.00	152	0	0.00	ug/l	-12.91

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	5.99	65	159714	49.84	ug/l	-0.02
Spiked Amount			Recovery	=	99.68%	
35) Dibromofluoromethane	5.53	113	141202	53.54	ug/l	-0.01
Spiked Amount			Recovery	=	107.08%	
50) Toluene-d8	8.69	98	265311	42.47	ug/l	-0.02
Spiked Amount			Recovery	=	84.94%	
62) 4-Bromofluorobenzene	0.00	95	0	0.00	ug/l	
Spiked Amount			Recovery	=	0.00%	

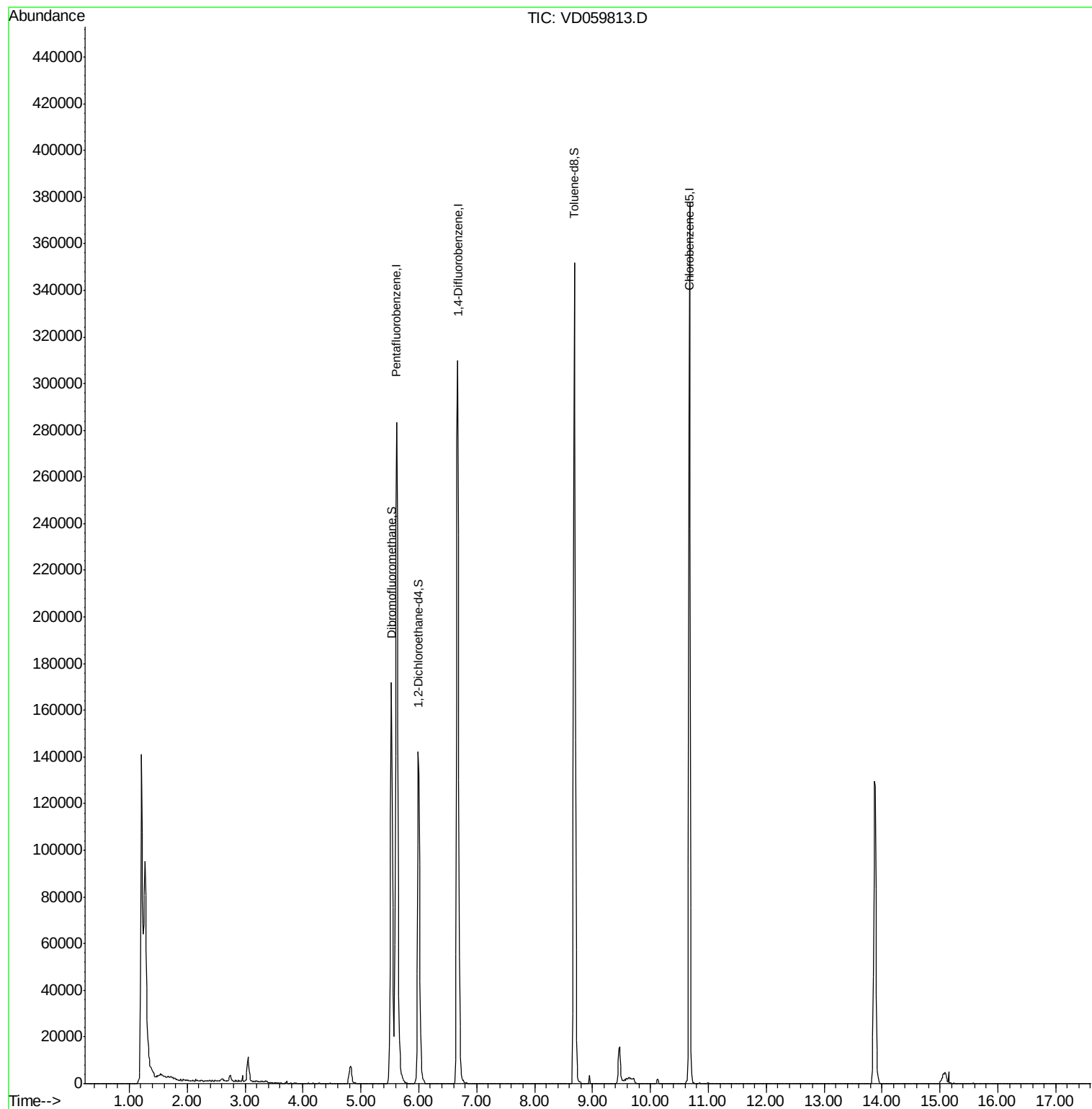
Target Compounds	Qvalue

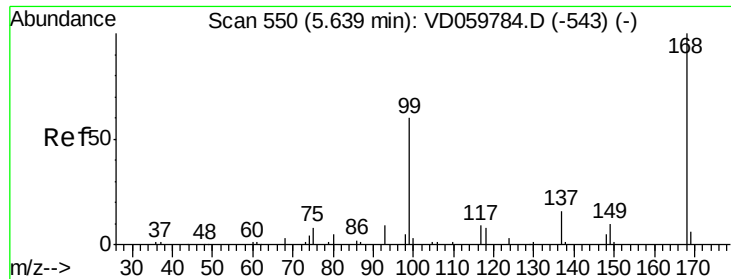
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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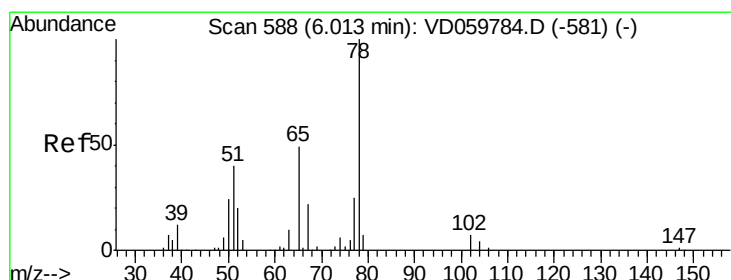
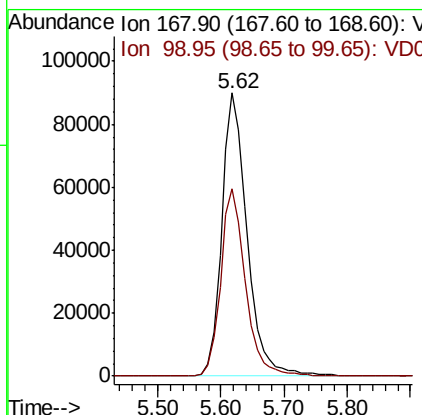
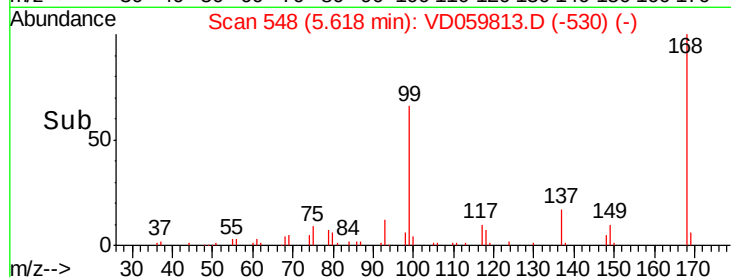
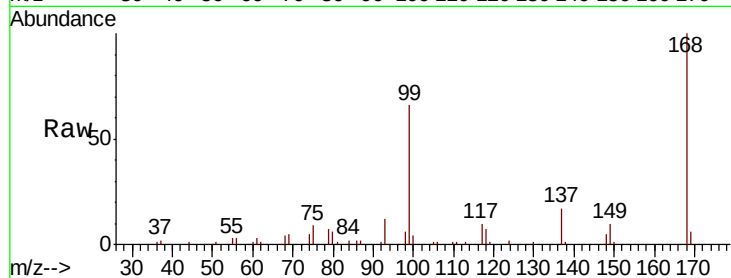




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.62 min Scan# 548
Delta R.T. -0.02 min
Lab File: VD059813.D
Acq: 16 Aug 2018 16:22

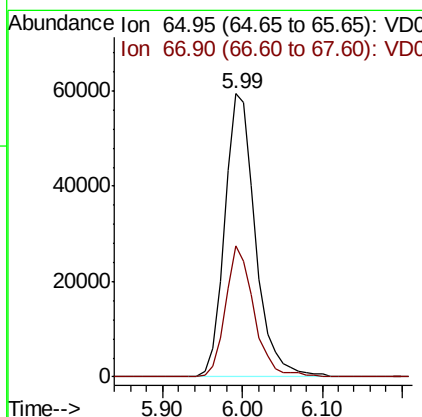
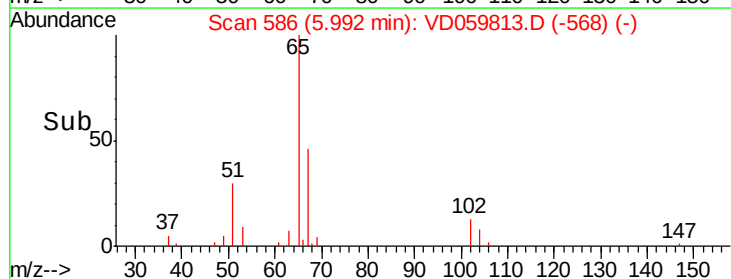
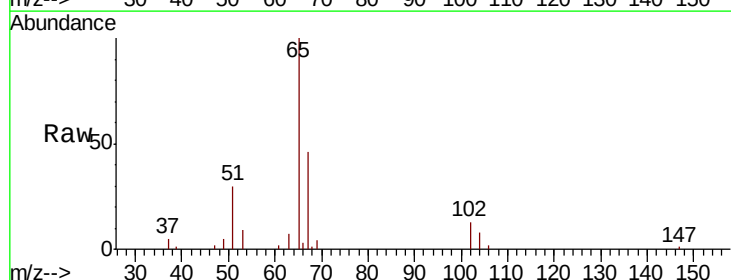
Instrument :
MSVOA_D
ClientSampleId :
RA-081018-SW-003

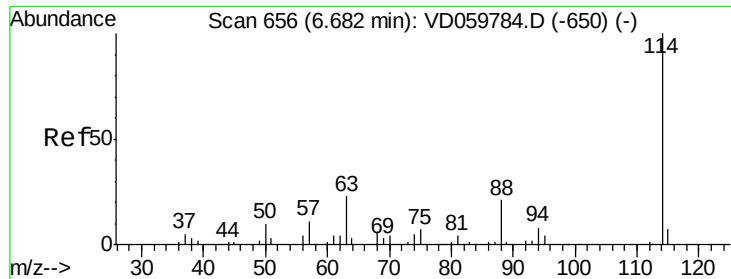
Tot Ion:168 Resp: 249397
Ion Ratio Lower Upper
168 100
99 66.3 50.3 75.5



#33
1,2-Dichloroethane-d4
Concen: N.D. ug/l
RT: 5.99 min Scan# 586
Delta R.T. -0.02 min
Lab File: VD059813.D
Acq: 16 Aug 2018 16:22

Tgt Ion: 65 Resp: 159714
Ion Ratio Lower Upper
65 100
67 46.5 0.0 87.8

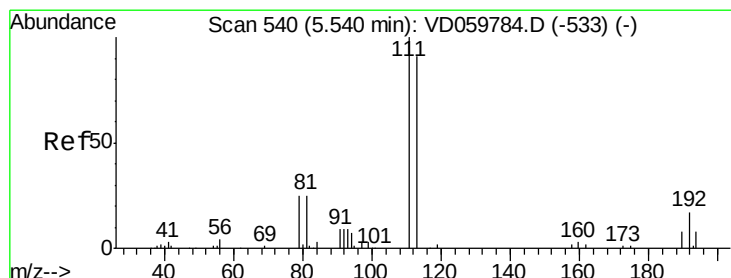
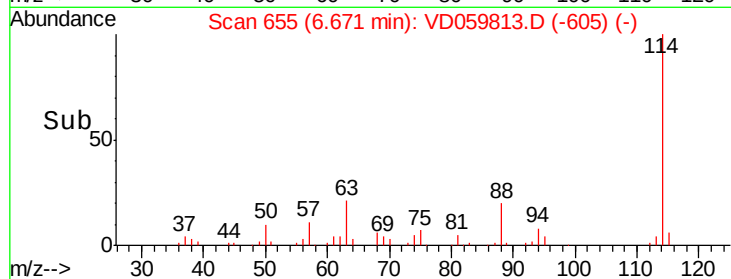
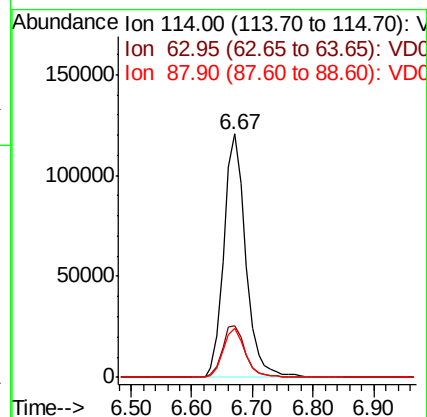
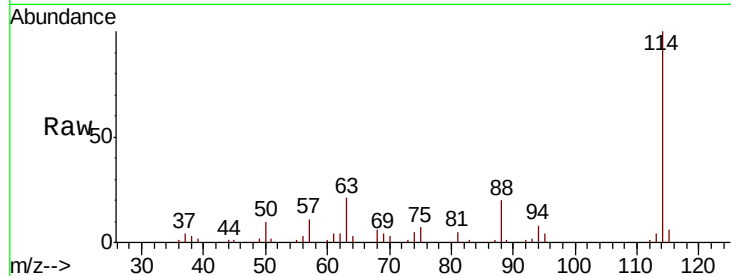




#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.67 min Scan# 655
 Delta R.T. -0.01 min
 Lab File: VD059813.D
 Acq: 16 Aug 2018 16:22

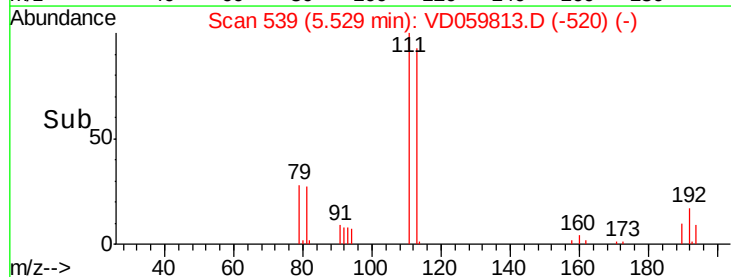
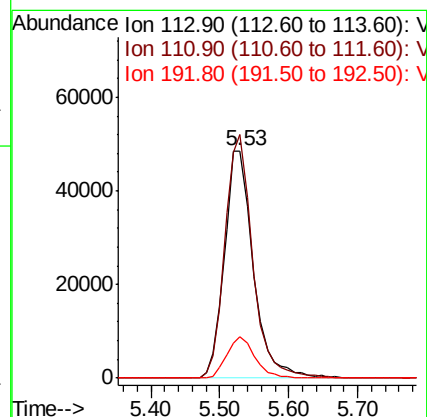
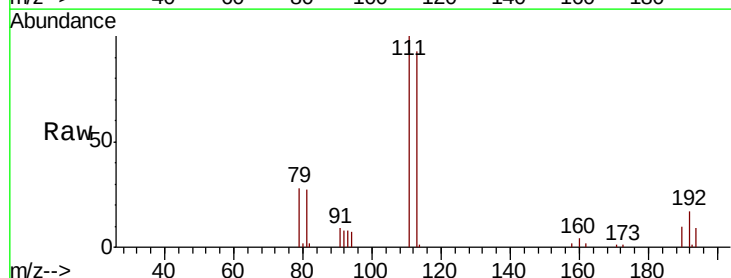
Instrument :
 MSVOA_D
 ClientSampleId :
 RA-081018-SW-003

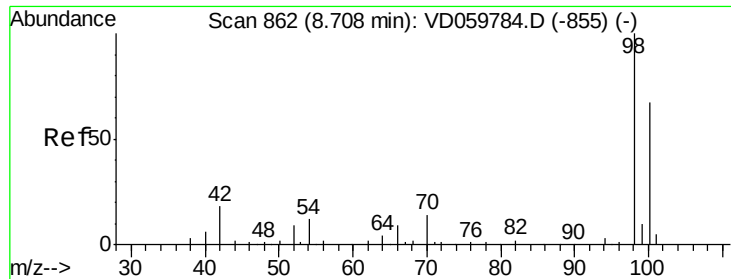
Tot Ion:114 Resp: 302649
 Ion Ratio Lower Upper
 114 100
 63 21.4 0.0 45.0
 88 20.2 0.0 41.2



#35
 Dibromofluoromethane
 Concen: 50.00 ug/l
 RT: 5.53 min Scan# 539
 Delta R.T. -0.01 min
 Lab File: VD059813.D
 Acq: 16 Aug 2018 16:22

Tgt Ion:113 Resp: 141202
 Ion Ratio Lower Upper
 113 100
 111 107.2 87.7 131.5
 192 18.1 14.6 21.8

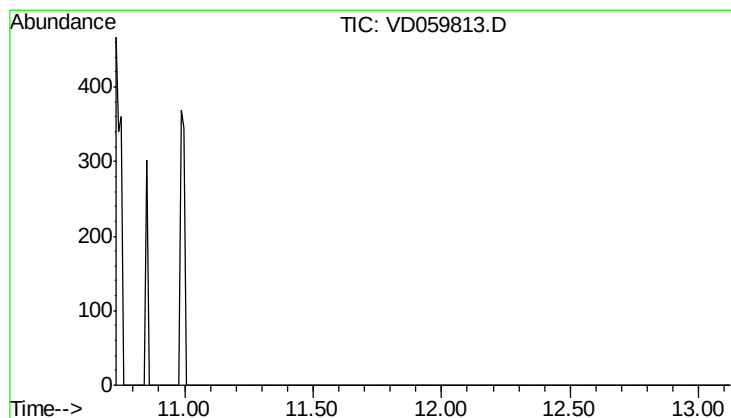
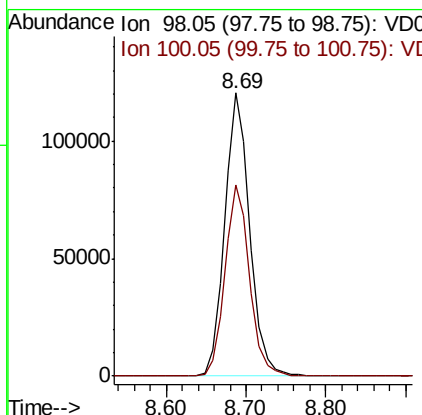
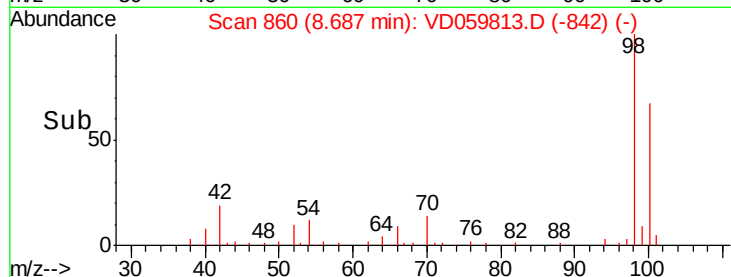
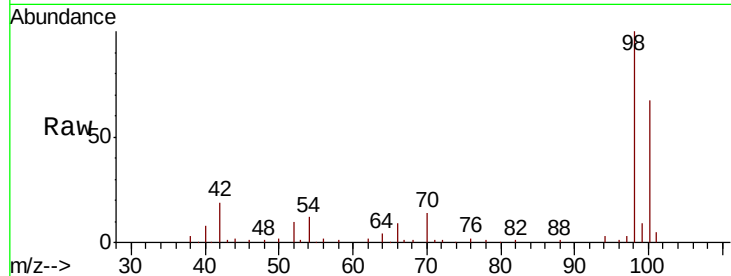




#50
Toluene-d8
Concen: N.D. ug/l
RT: 8.69 min Scan# 860
Delta R.T. -0.02 min
Lab File: VD059813.D
Acq: 16 Aug 2018 16:22

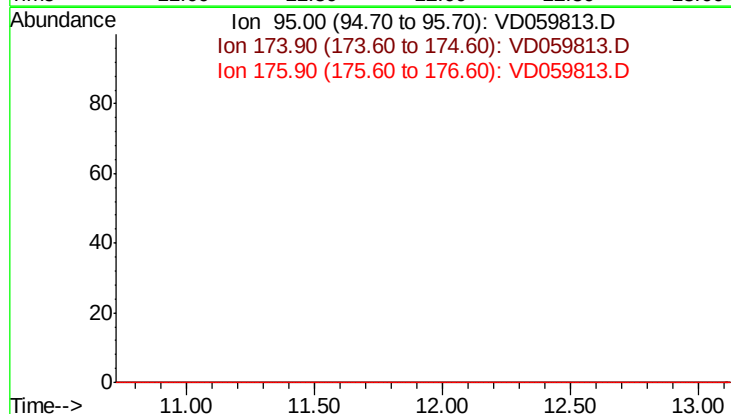
Instrument :
MSVOA_D
ClientSampleId :
RA-081018-SW-003

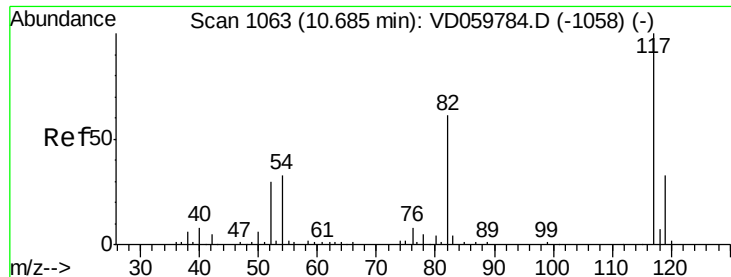
Tot Ion: 98 Resp: 265311
Ion Ratio Lower Upper
98 100
100 67.4 54.2 81.4



#62
4-Bromofluorobenzene
Concen: N.D. ug/l
Expected RT: 11.92 min
Lab File: VD059813.D
Acq: 16 Aug 2018 16:22

Tgt Ion: 95
Sig Exp Ratio
95 100
174 71.1
176 68.7

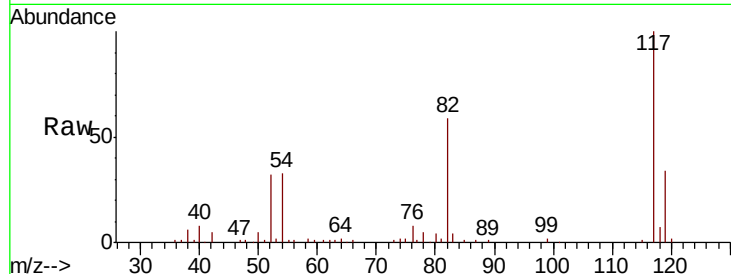




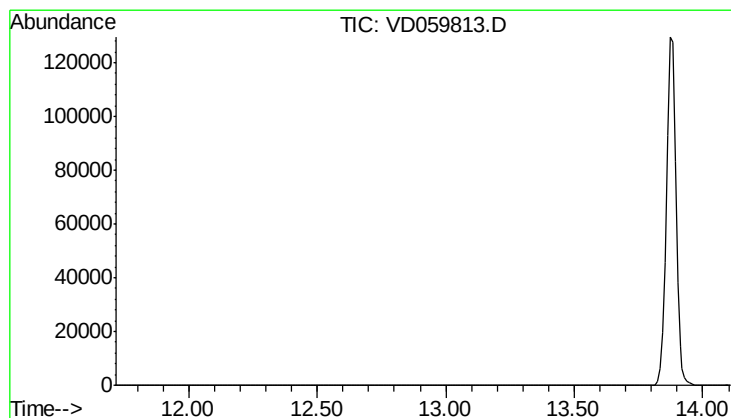
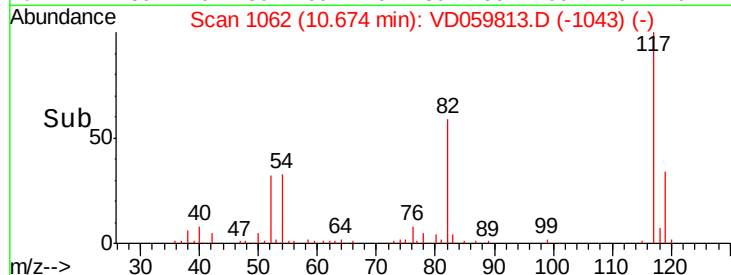
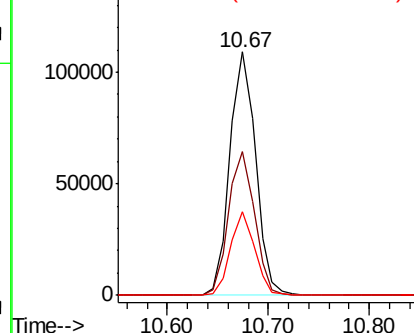
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.67 min Scan# 1062
Delta R.T. -0.01 min
Lab File: VD059813.D
Acq: 16 Aug 2018 16:22

Instrument :
MSVOA_D
ClientSampleId :
RA-081018-SW-003

Tot Ion:117 Resp: 194149
Ion Ratio Lower Upper
117 100
82 59.2 49.0 73.6
119 34.2 26.2 39.2



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



#72
1,4-Dichlorobenzene-d4
Concen: 0.00 ug/l
Expected RT: 12.91 min

Lab File: VD059813.D
Acq: 16 Aug 2018 16:22

Tgt Ion: 152
Sig Exp Ratio
152 100
115 54.3
150 156.2

