

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD081618\
 Data File : VD059811.D
 Acq On : 16 Aug 2018 15:25
 Operator : VA/AP
 Sample : J4460-01
 Misc : 5.01g/5ml/MSVOA D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 RA-080918-FL-001

Quant Time: Aug 17 05:57:38 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

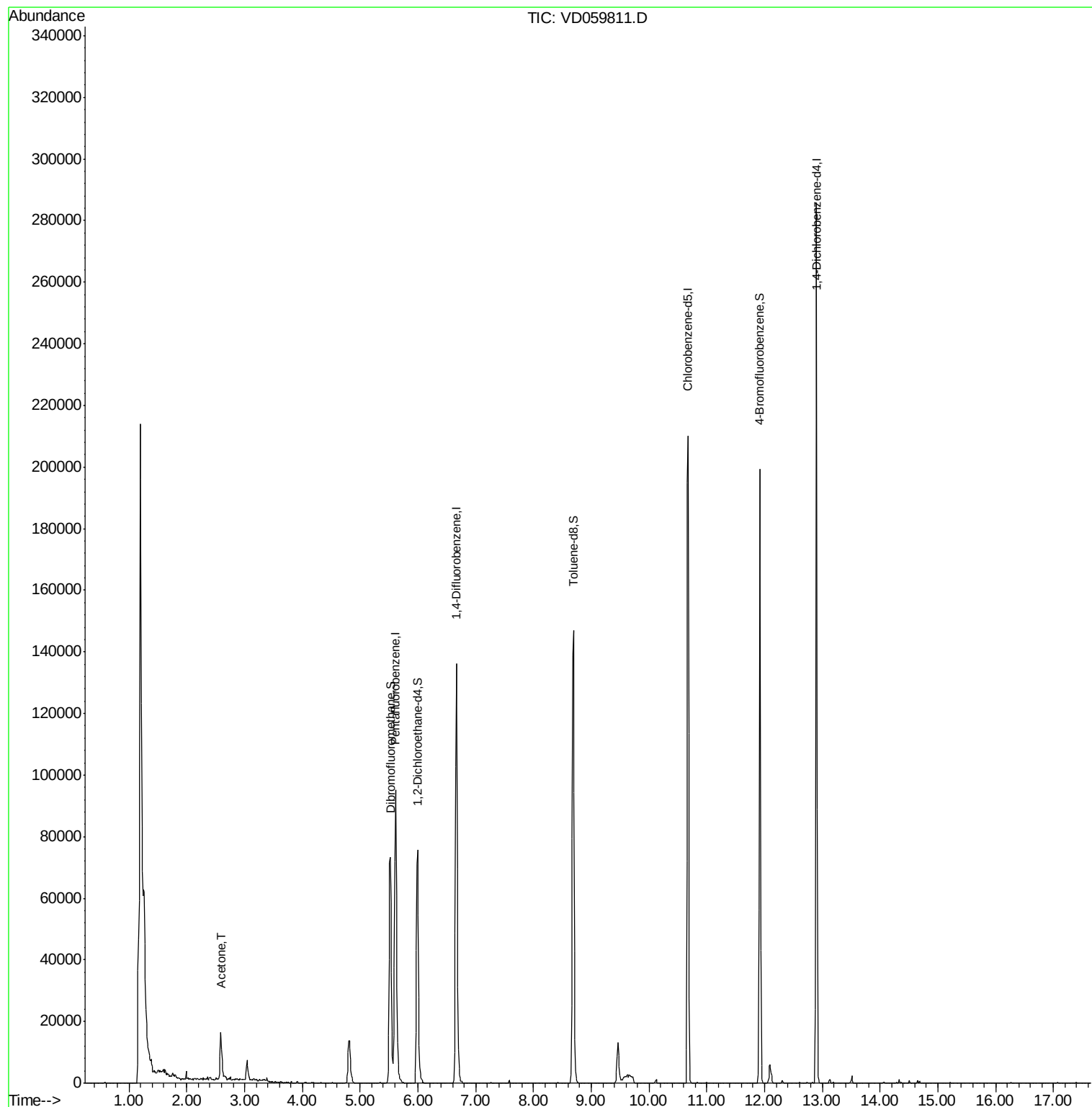
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.62	168	91177	50.00	ug/l	-0.02
34) 1,4-Difluorobenzene	6.66	114	134359	50.00	ug/l	-0.02
63) Chlorobenzene-d5	10.68	117	116676	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.90	152	60889	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.99	65	81946	69.95	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	139.90%	
35) Dibromofluoromethane	5.52	113	60454	51.63	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	103.26%	
50) Toluene-d8	8.69	98	118278	42.65	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	85.30%	
62) 4-Bromofluorobenzene	11.92	95	54808	44.12	ug/l	0.00
Spiked Amount 50.000			Recovery	=	88.24%	
Target Compounds						
16) Acetone	2.59	43	28017	151.54	ug/l	Qvalue 94

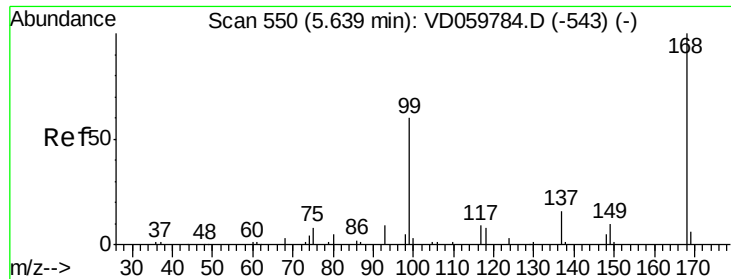
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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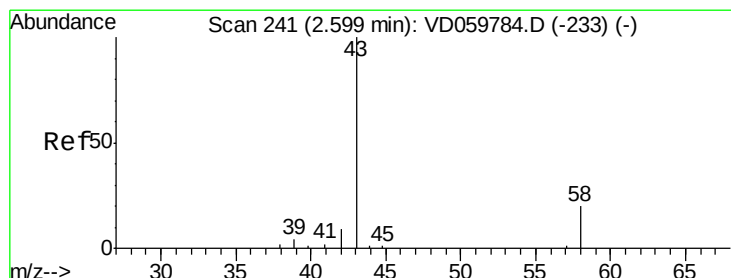
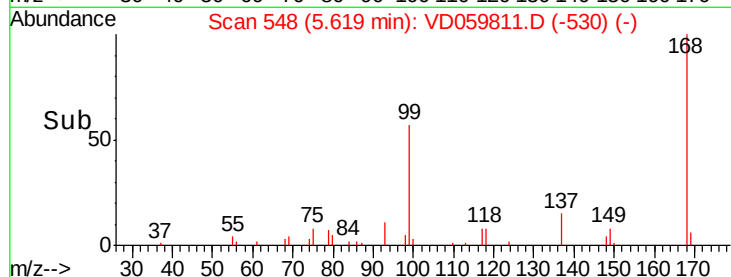
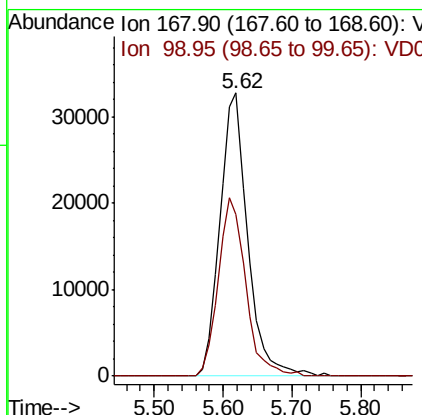
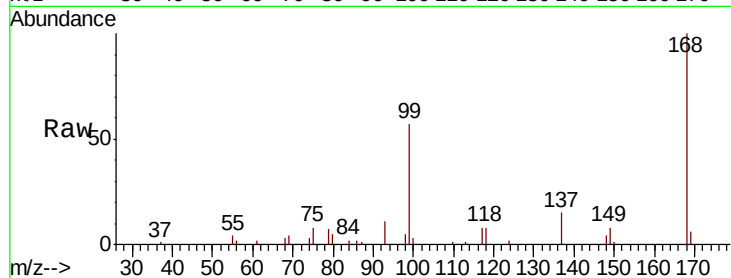




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.62 min Scan# 548
Delta R.T. -0.02 min
Lab File: VD059811.D
Acq: 16 Aug 2018 15:25

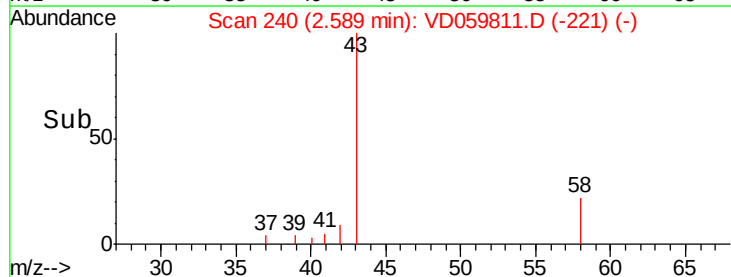
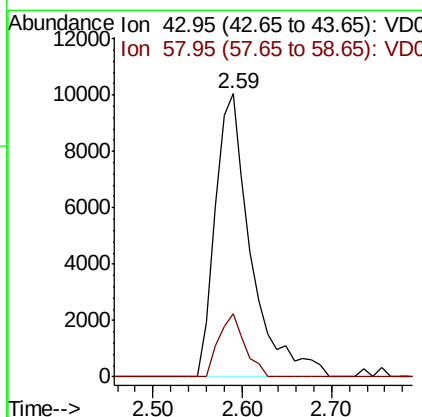
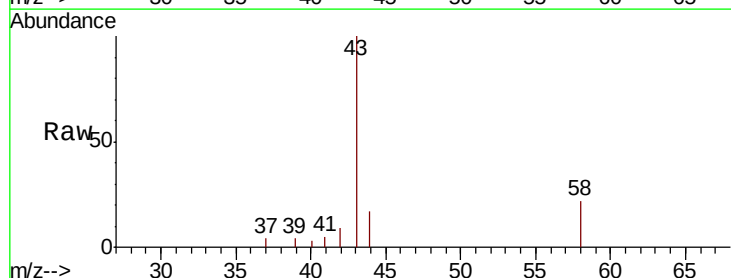
Instrument :
MSVOA_D
ClientSampleId :
RA-080918-FL-001

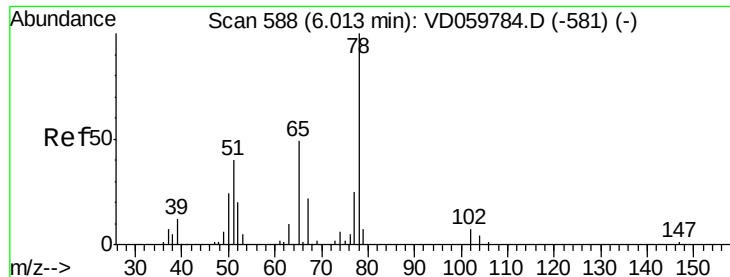
Tot Ion:168 Resp: 91177
Ion Ratio Lower Upper
168 100
99 57.3 50.3 75.5



#16
Acetone
Concen: 151.54 ug/l
RT: 2.59 min Scan# 240
Delta R.T. -0.01 min
Lab File: VD059811.D
Acq: 16 Aug 2018 15:25

Tgt Ion: 43 Resp: 28017
Ion Ratio Lower Upper
43 100
58 22.2 15.7 23.5

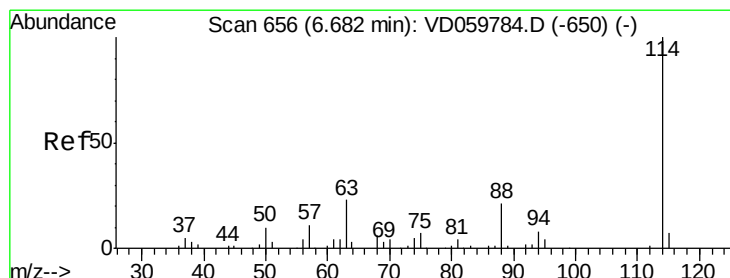
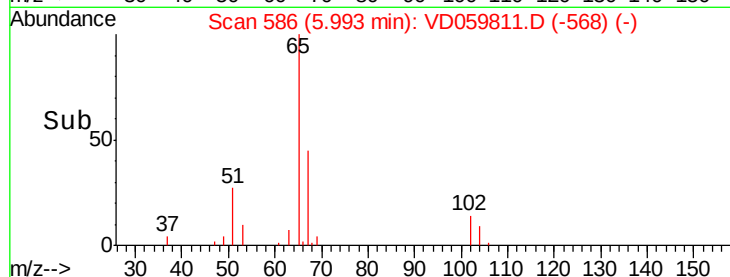
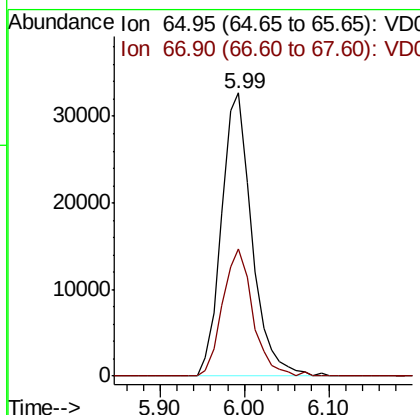
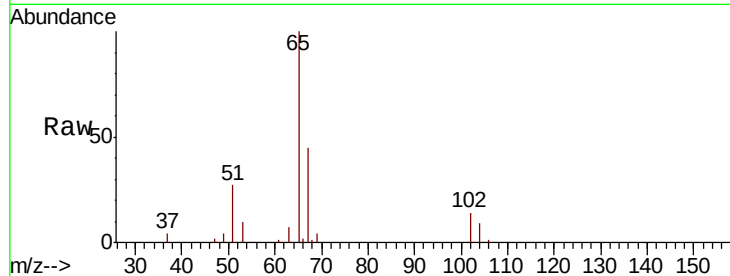




#33
 1,2-Dichloroethane-d4
 Concen: N.D. ug/l
 RT: 5.99 min Scan# 586
 Delta R.T. -0.02 min
 Lab File: VD059811.D
 Acq: 16 Aug 2018 15:25

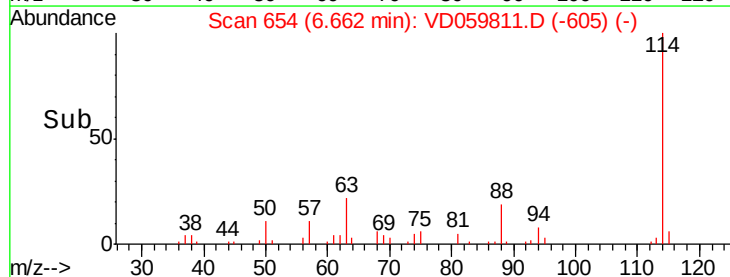
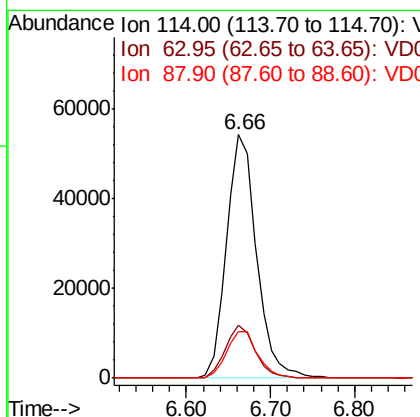
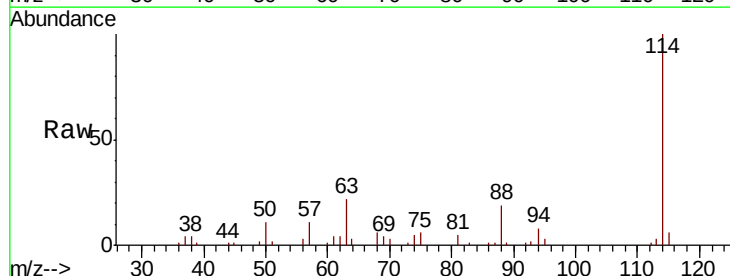
Instrument :
 MSVOA_D
 ClientSampleId :
 RA-080918-FL-001

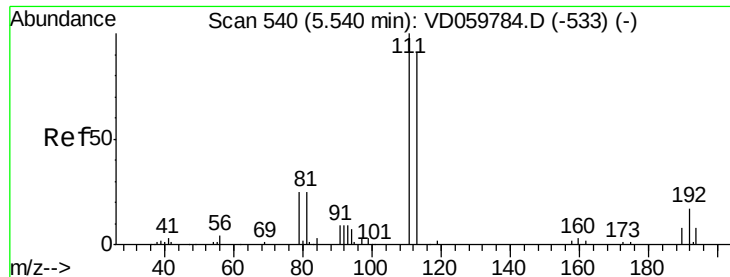
Tot Ion: 65 Resp: 81946
 Ion Ratio Lower Upper
 65 100
 67 44.9 0.0 87.8



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.66 min Scan# 654
 Delta R.T. -0.02 min
 Lab File: VD059811.D
 Acq: 16 Aug 2018 15:25

Tgt Ion: 114 Resp: 134359
 Ion Ratio Lower Upper
 114 100
 63 21.6 0.0 45.0
 88 18.9 0.0 41.2

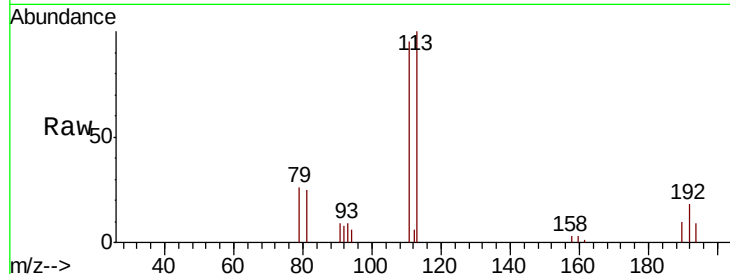




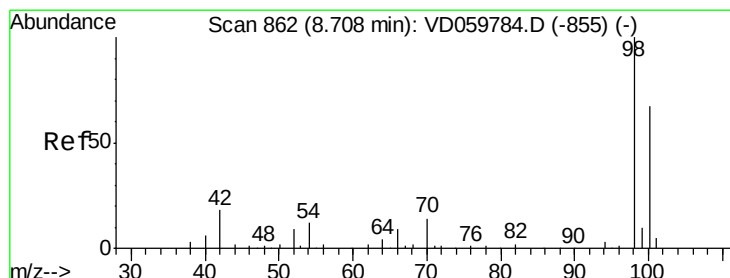
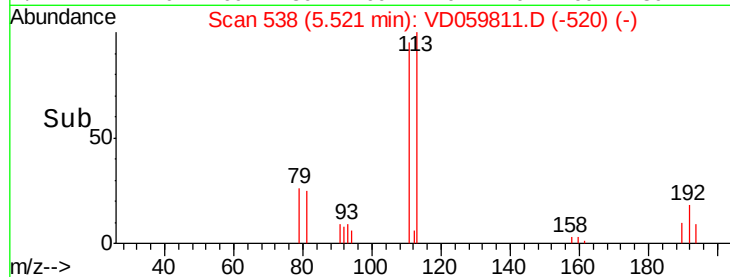
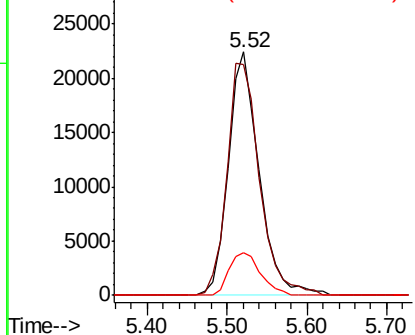
#35
 Dibromofluoromethane
 Concen: 50.00 ug/l
 RT: 5.52 min Scan# 538
 Delta R.T. -0.02 min
 Lab File: VD059811.D
 Acq: 16 Aug 2018 15:25

Instrument :
 MSVOA_D
 ClientSampleId :
 RA-080918-FL-001

Tot Ion:113 Resp: 60454
 Ion Ratio Lower Upper
 113 100
 111 94.8 87.7 131.5
 192 17.6 14.6 21.8

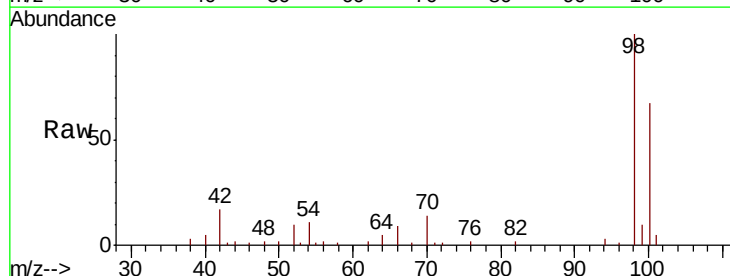


Abundance Ion 112.90 (112.60 to 113.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 191.80 (191.50 to 192.50): V

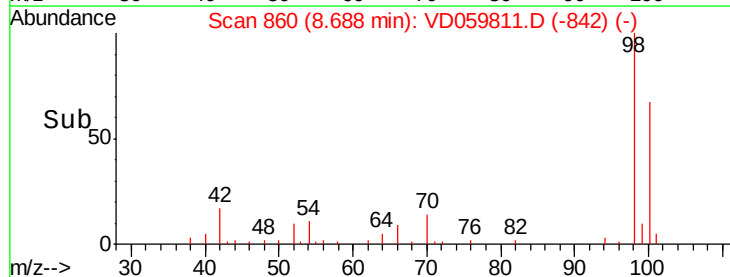
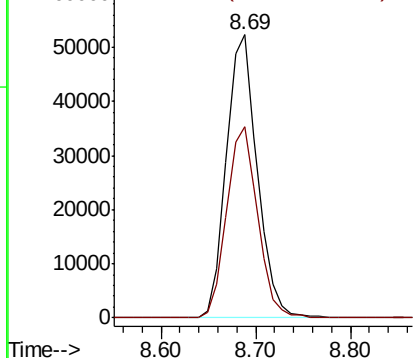


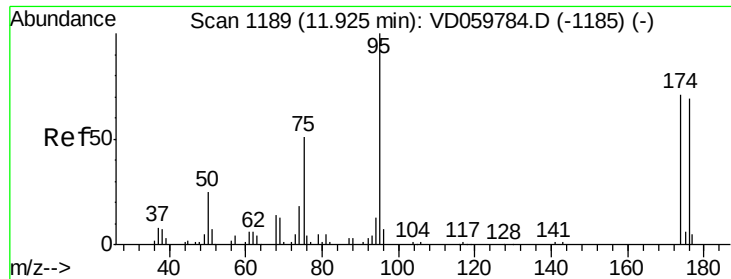
#50
 Toluene-d8
 Concen: N.D. ug/l
 RT: 8.69 min Scan# 860
 Delta R.T. -0.02 min
 Lab File: VD059811.D
 Acq: 16 Aug 2018 15:25

Tgt Ion: 98 Resp: 118278
 Ion Ratio Lower Upper
 98 100
 100 67.4 54.2 81.4



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

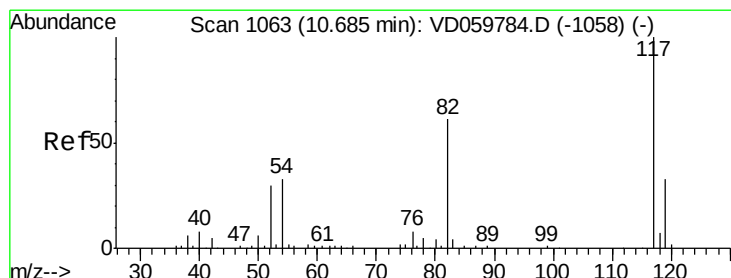
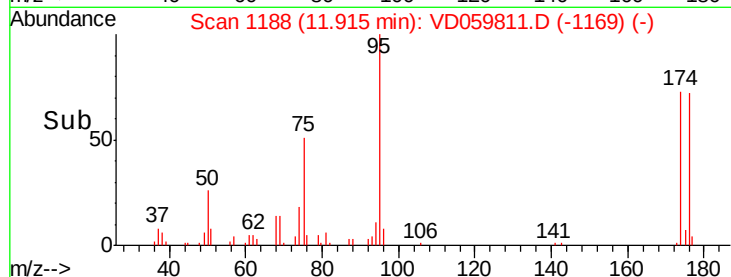
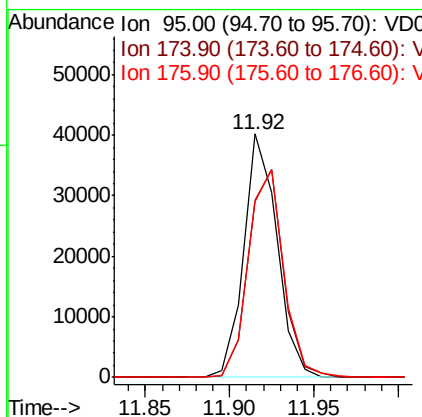
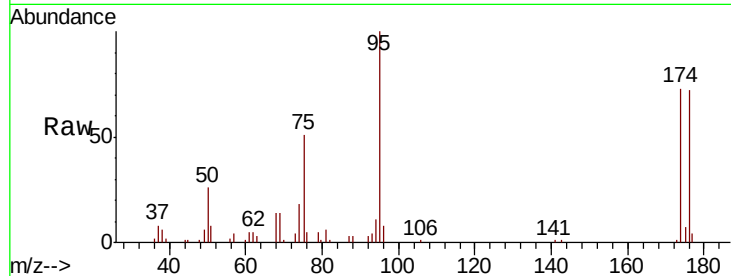




#62
4-Bromofluorobenzene
Concen: N.D. ug/l
RT: 11.92 min Scan# 1188
Delta R.T. -0.01 min
Lab File: VD059811.D
Acq: 16 Aug 2018 15:25

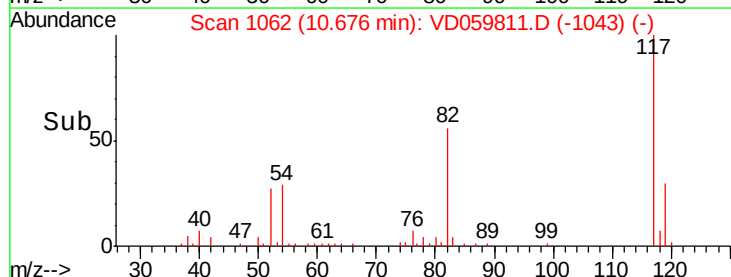
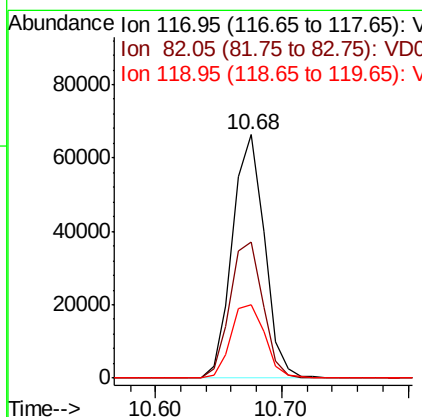
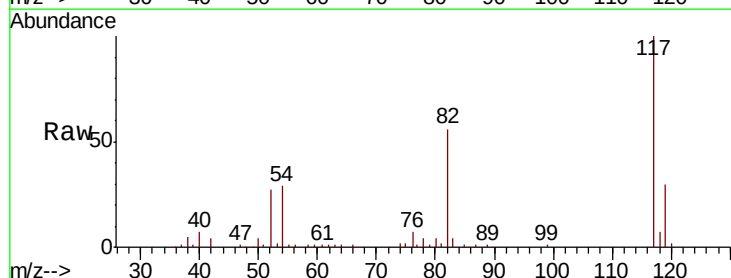
Instrument :
MSVOA_D
ClientSampleId :
RA-080918-FL-001

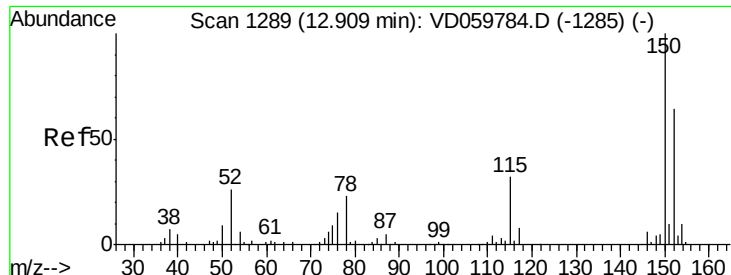
Tot Ion: 95 Resp: 54808
Ion Ratio Lower Upper
95 100
174 73.0 0.0 142.2
176 72.0 0.0 137.4



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.68 min Scan# 1062
Delta R.T. -0.01 min
Lab File: VD059811.D
Acq: 16 Aug 2018 15:25

Tgt Ion: 117 Resp: 116676
Ion Ratio Lower Upper
117 100
82 55.6 49.0 73.6
119 30.3 26.2 39.2





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.90 min Scan# 1288

Delta R.T. -0.01 min

Lab File: VD059811.D

Acq: 16 Aug 2018 15:25

Instrument :

MSVOA_D

ClientSampleId :

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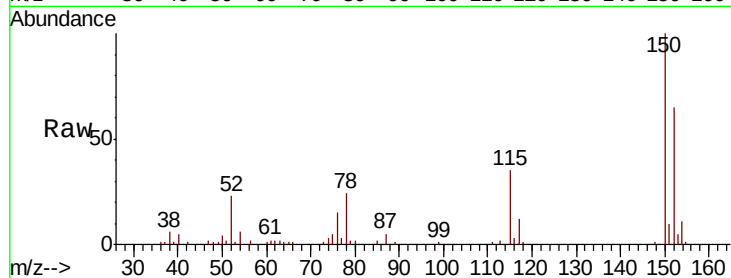
Tot Ion:152 Resp: 60889

Ion Ratio Lower Upper

152 100

115 53.3 27.2 81.5

150 152.7 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

