

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF072418\
 Data File : VF059652.D
 Acq On : 25 Jul 2018 1:22
 Operator : VA/AP
 Sample : J4090-02RE
 Misc : 9.17g/5mL/MSVOA F/SOIL
 ALS Vial : 100 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 FK-PS-01-034RE

Quant Time: Jul 25 06:42:04 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F072418S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jul 25 02:29:31 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.98	168	68	50.00	ug/l	-0.04
34) 1,4-Difluorobenzene	5.60	114	82	50.00	ug/l	-0.15
63) Chlorobenzene-d5	0.00	117	0	0.00	ug/l	-9.91
72) 1,4-Dichlorobenzene-d4	0.00	152	0	0.00	ug/l	-12.62

System Monitoring Compounds		R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4		5.01	65	103	108.71	ug/l	0.00
Spiked Amount	50.000			Recovery	=	217.42%	
35) Dibromofluoromethane		4.18	113	80	108.41	ug/l	-0.09
Spiked Amount	50.000			Recovery	=	216.82%	
50) Toluene-d8		0.00	98	0	0.00	ug/l	
Spiked Amount	50.000			Recovery	=	0.00%	
62) 4-Bromofluorobenzene		0.00	95	0	0.00	ug/l	
Spiked Amount	50.000			Recovery	=	0.00%	

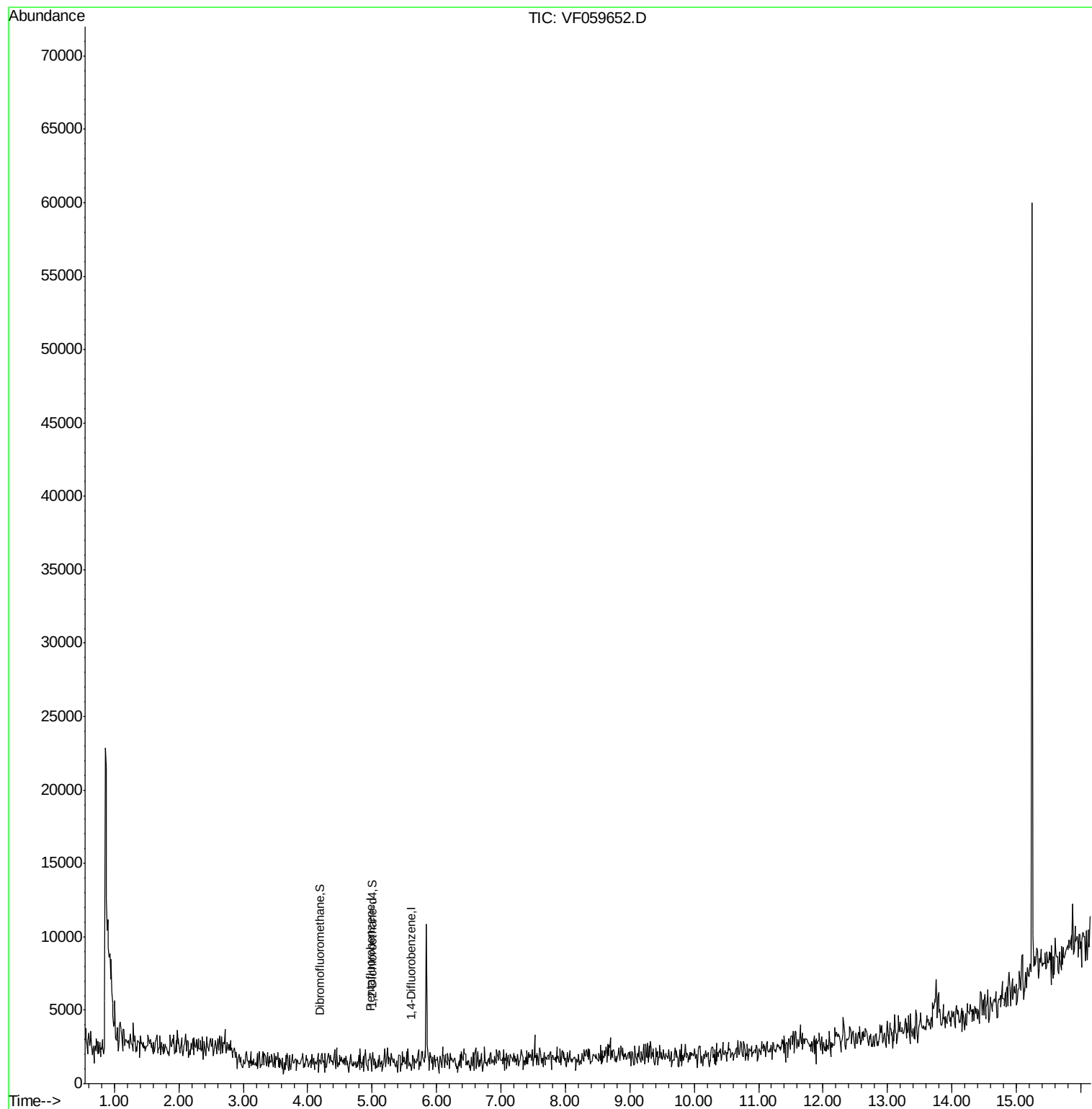
Target Compounds	Qvalue
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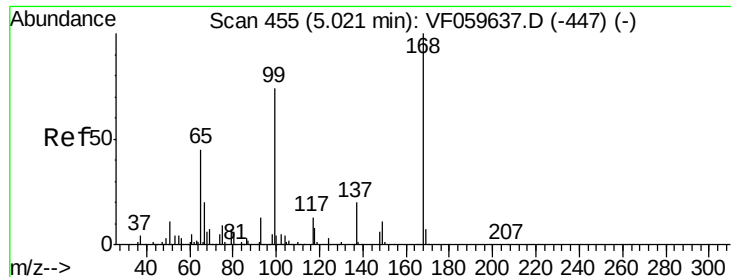
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.98 min Scan# 451

Delta R.T. -0.04 min

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Instrument :

MSVOA_F

ClientSampleId :

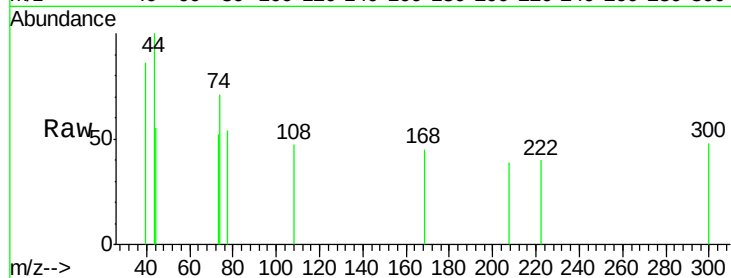
FK-PS-01-034RE

Tot Ion:168 Resp: 68

Ion Ratio Lower Upper

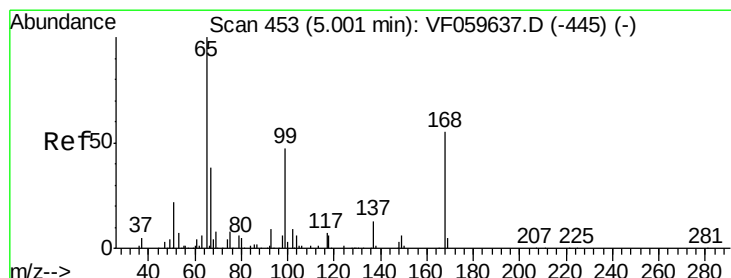
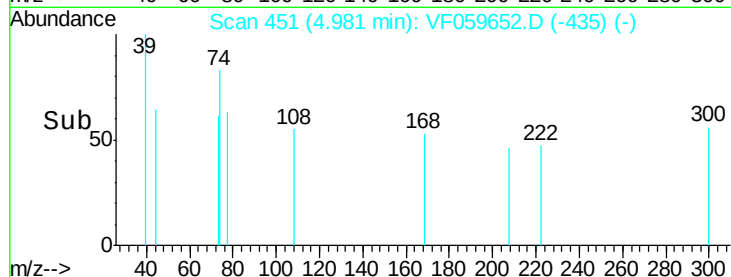
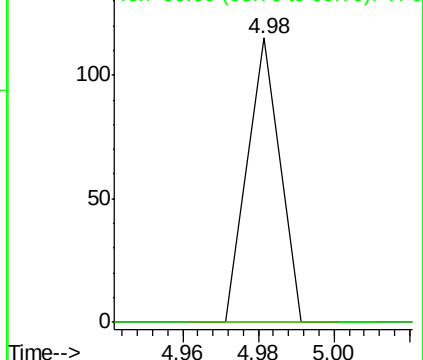
168 100

99 0.0 59.5 89.3#



Abundance Ion 168.00 (167.70 to 168.70): V

Ion 99.00 (98.70 to 99.70): VF0



#33

1,2-Dichloroethane-d4

Concen: 108.708 ug/l

RT: 5.01 min Scan# 454

Delta R.T. 0.01 min

Lab File: VF059652.D

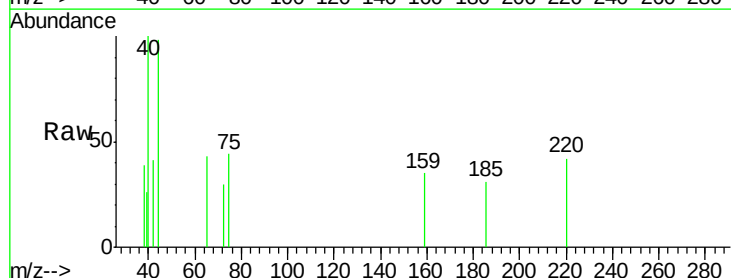
Acq: 25 Jul 2018 1:22

Tgt Ion: 65 Resp: 103

Ion Ratio Lower Upper

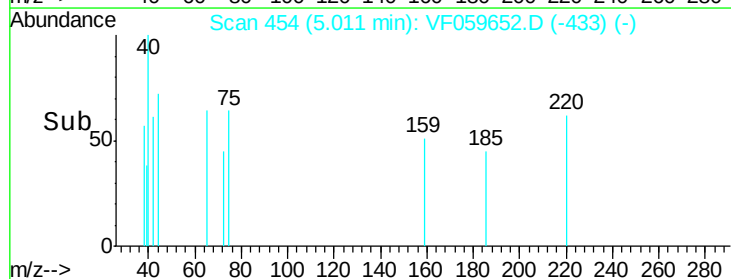
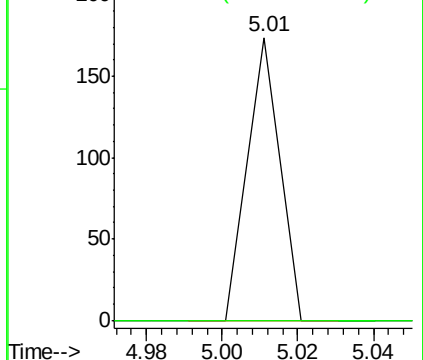
65 100

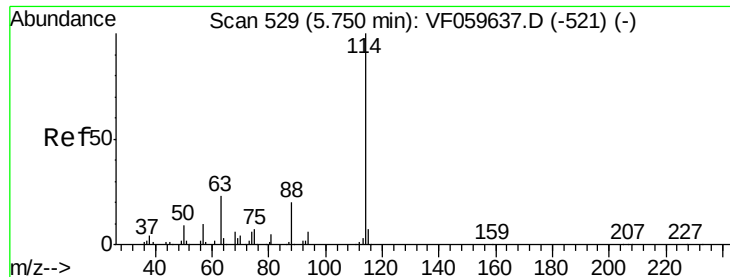
67 0.0 0.0 86.6



Abundance Ion 65.00 (64.70 to 65.70): VF0

Ion 67.00 (66.70 to 67.70): VF0

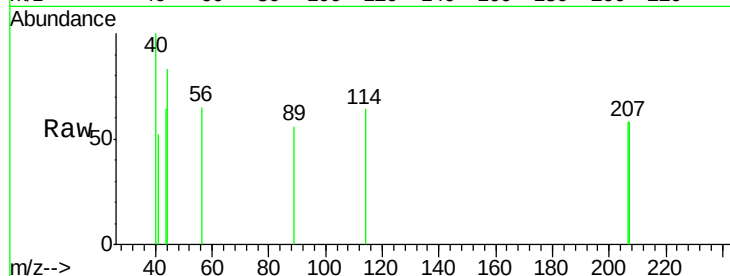




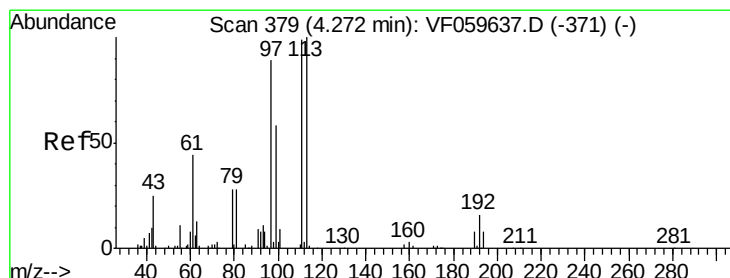
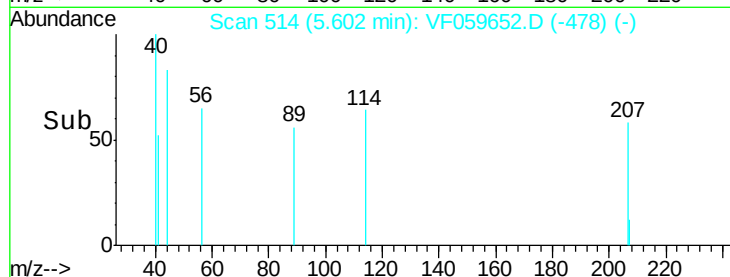
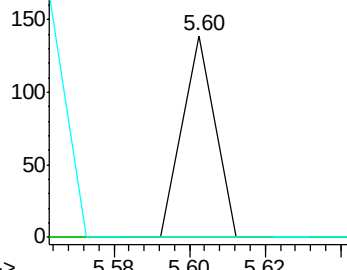
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.60 min Scan# 514
 Delta R.T. -0.15 min
 Lab File: VF059652.D
 Acq: 25 Jul 2018 1:22

Instrument :
 MSVOA_F
 ClientSampleId :
 FK-PS-01-034RE

Tot Ion:	114	Resp:	82
Ion	Ratio	Lower	Upper
114	100		
63	0.0	0.0	45.6
88	0.0	0.0	40.8

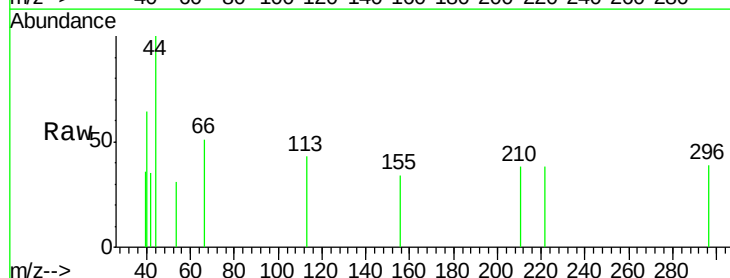


Abundance Ion 114.00 (113.70 to 114.70): V
 Ion 63.00 (62.70 to 63.70): VF0
 Ion 88.00 (87.70 to 88.70): VF0

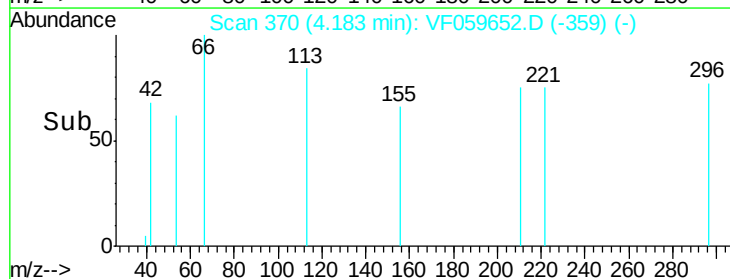
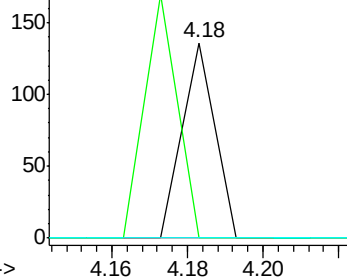


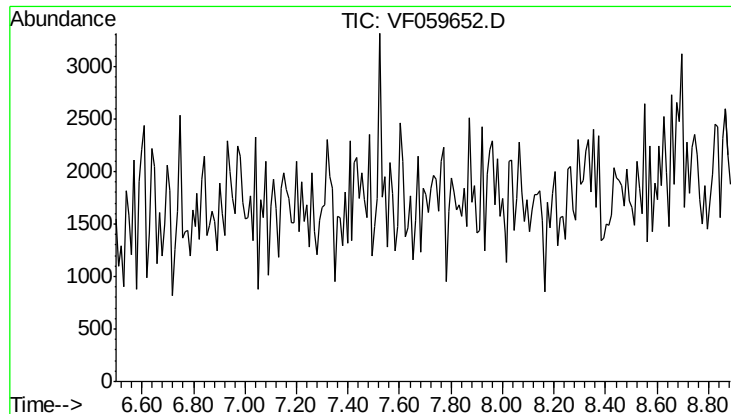
#35
 Dibromofluoromethane
 Concen: 108.405 ug/l
 RT: 4.18 min Scan# 370
 Delta R.T. -0.09 min
 Lab File: VF059652.D
 Acq: 25 Jul 2018 1:22

Tgt Ion:	113	Resp:	80
Ion	Ratio	Lower	Upper
113	100		
111	0.0	79.3	118.9#
192	0.0	13.4	20.2#



Abundance Ion 113.00 (112.70 to 113.70): V
 Ion 111.00 (110.70 to 111.70): V
 Ion 192.00 (191.70 to 192.70): V



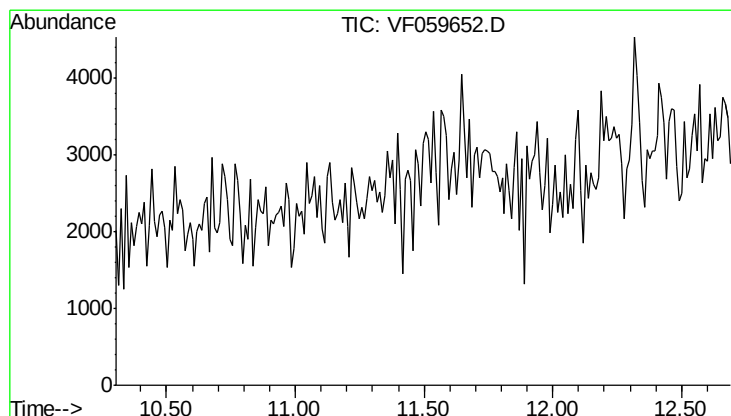
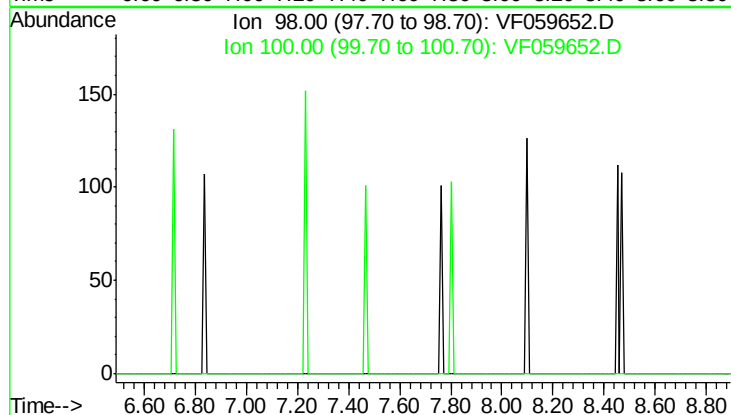


#50
Toluene-d8
Concen: 0.000 ug/l
Expected RT: 7.69 min

Lab File: VF059652.D
Acq: 25 Jul 2018 1:22

Instrument :
MSVOA_F
ClientSampleId :
FK-PS-01-034RE

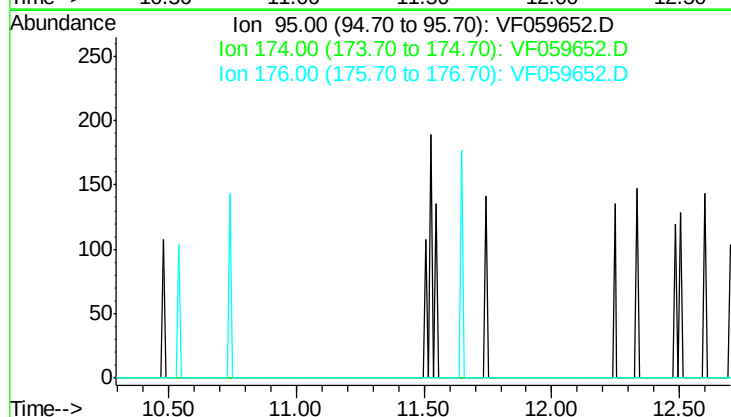
Tot Ion	98
Sig	Exp Ratio
98	100
100	65.3

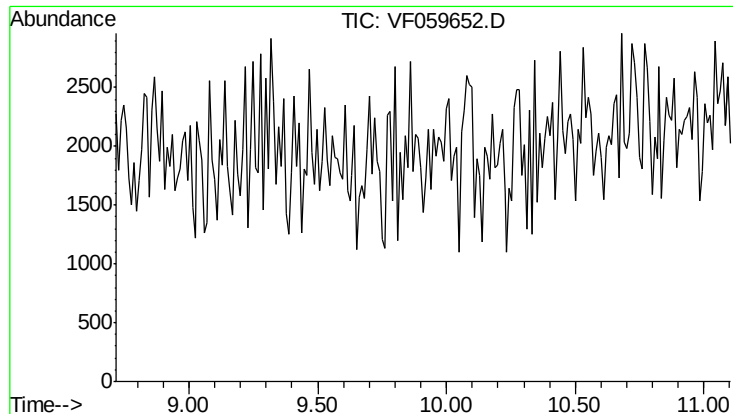


#62
4-Bromofluorobenzene
Concen: 0.000 ug/l
Expected RT: 11.50 min

Lab File: VF059652.D
Acq: 25 Jul 2018 1:22

Tgt Ion	95
Sig	Exp Ratio
95	100
174	70.9
176	71.0



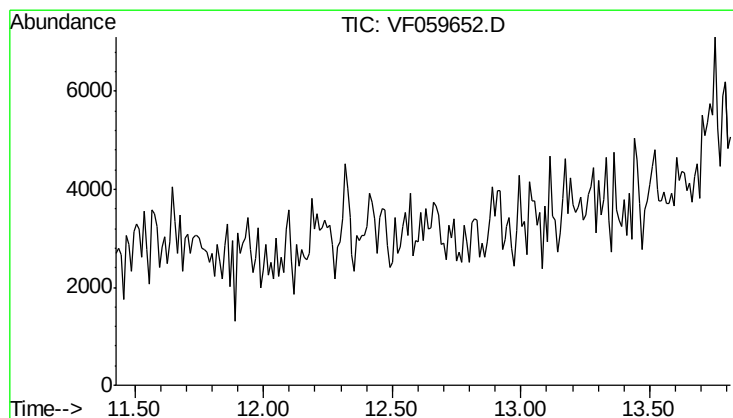
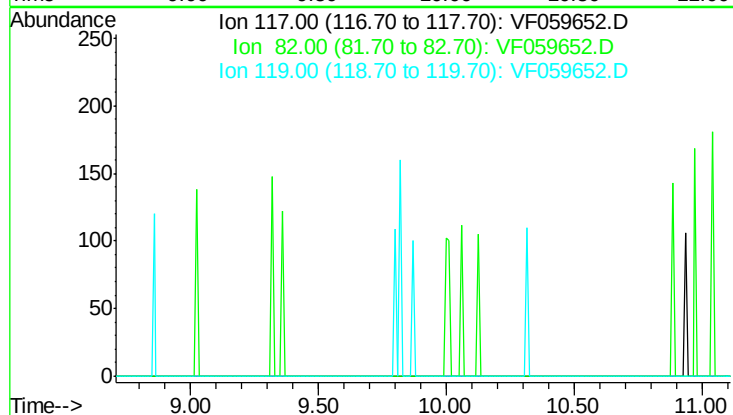


#63
 Chlorobenzene-d5
 Concen: 0.000 ug/l
 Expected RT: 9.91 min

Lab File: VF059652.D
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Instrument :
 MSVOA_F
 ClientSampleId :
 FK-PS-01-034RE

Tot Ion: 117
 Sig Exp Ratio
 117 100
 82 57.4
 119 31.4



#72
 1,4-Dichlorobenzene-d4
 Concen: 0.000 ug/l
 Expected RT: 12.62 min

Lab File: VF059652.D
 Acq: 25 Jul 2018 1:22

Tgt Ion: 152
 Sig Exp Ratio
 152 100
 115 64.1
 150 156.6

