

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF082418\
 Data File : VF060108.D
 Acq On : 24 Aug 2018 19:03
 Operator : VA/AP
 Sample : J4621-06
 Misc : 6.34g/5mL/MSVOA F/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 SP-2

Quant Time: Aug 25 03:47:28 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F082118S.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 22 04:43:43 2018
 Response via : Initial Calibration

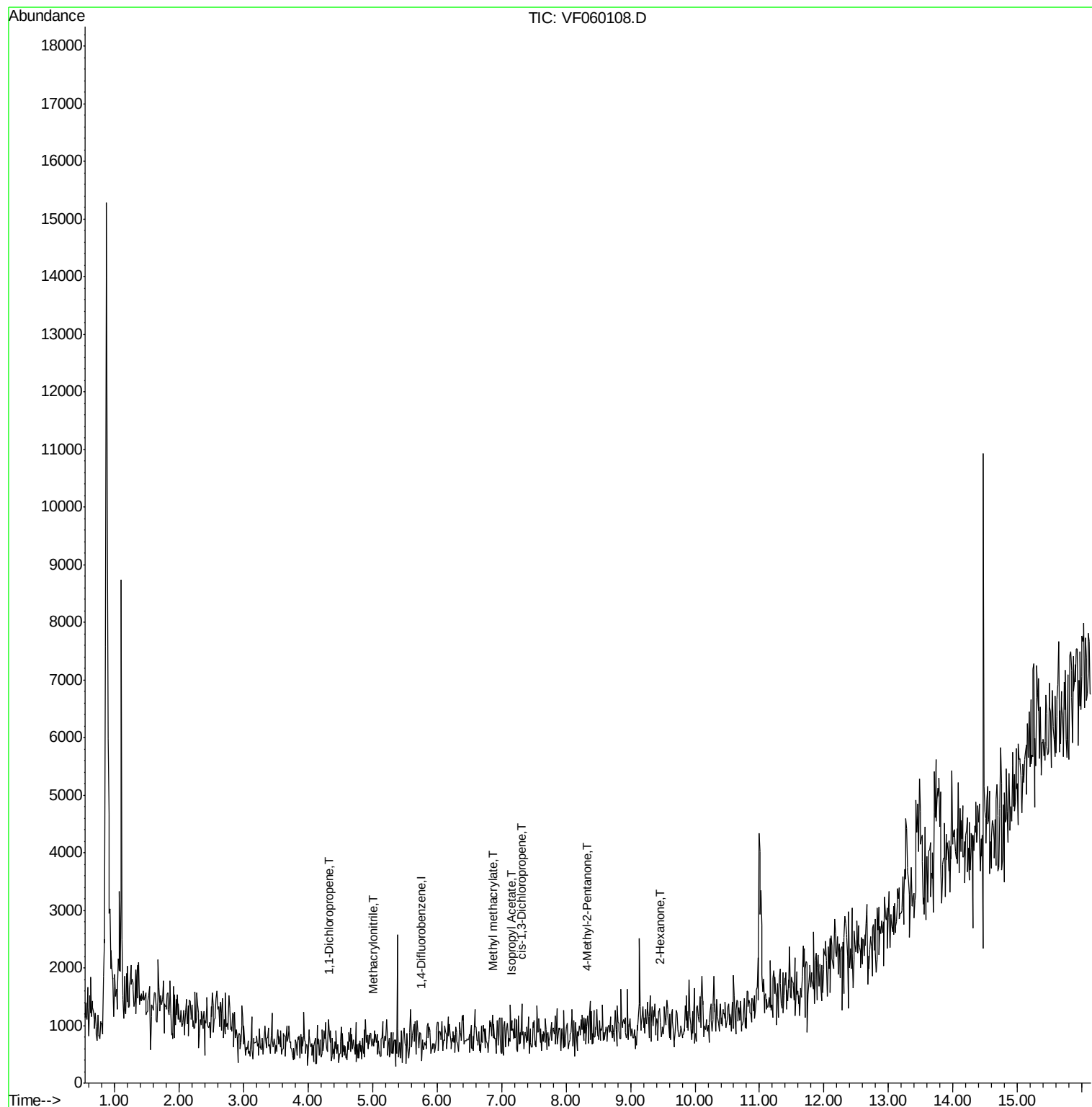
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	0.00	168	0	0.00	ug/l	-5.05
34) 1,4-Difluorobenzene	5.75	114	67	50.00	ug/l	-0.03
63) Chlorobenzene-d5	0.00	117	0	0.00	ug/l	-9.93
72) 1,4-Dichlorobenzene-d4	0.00	152	0	0.00	ug/l	-12.64
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.94	65	105	0.00	ug/l	-0.09
Spiked Amount 50.000			Recovery	=	0.00%	
35) Dibromofluoromethane	0.00	113	0	0.00	ug/l	
Spiked Amount 50.000			Recovery	=	0.00%	
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
36) 1,1-Dichloropropene	4.32	75	76	120.71	ug/l #	44
41) Methacrylonitrile	5.01	41	66	346.53	ug/l #	23
43) Isopropyl Acetate	7.16	43	73	154.03	ug/l #	45
48) Methyl methacrylate	6.87	41	66	210.45	ug/l #	1
51) 4-Methyl-2-Pentanone	8.34	43	70	171.04	ug/l #	39
54) cis-1,3-Dichloropropene	7.33	75	70	94.06	ug/l #	24
59) 2-Hexanone	9.46	43	122	368.31	ug/l #	30

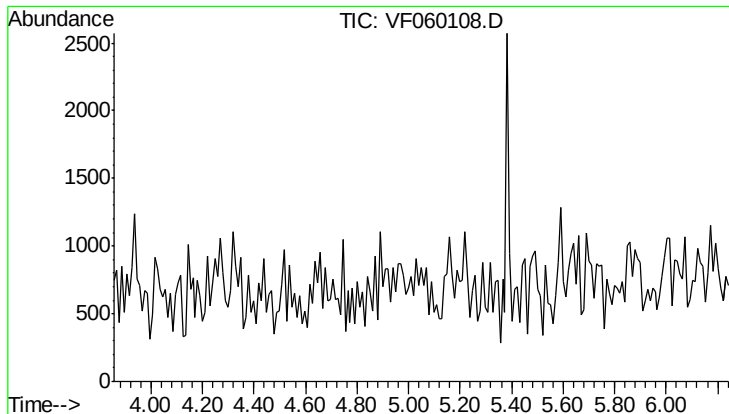
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 0.00 ug/l

Expected RT: 5.05 min

Lab File: VF060108.D

Acq: 24 Aug 2018 19:03

Instrument :

MSVOA_F

ClientSampleId :

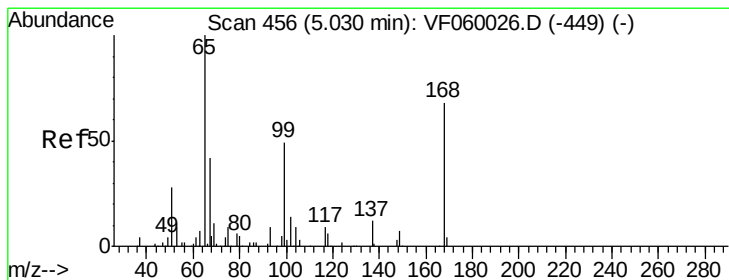
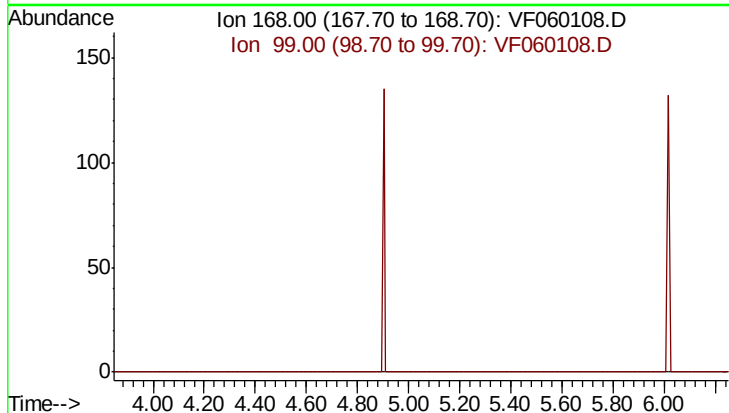
SP-2

Tot Ion: 168

Sig Exp Ratio

168 100

99 65.8



#33

1,2-Dichloroethane-d4

Concen: 0.00 ug/l

RT: 4.94 min Scan# 447

Delta R.T. -0.09 min

Lab File: VF060108.D

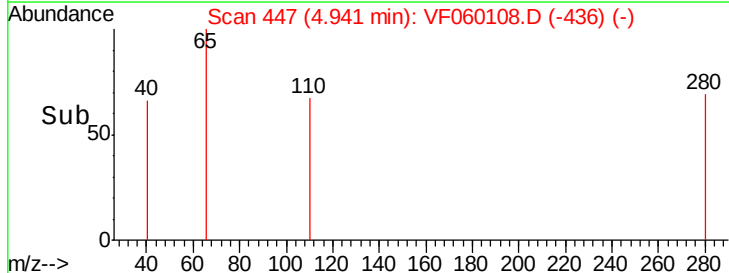
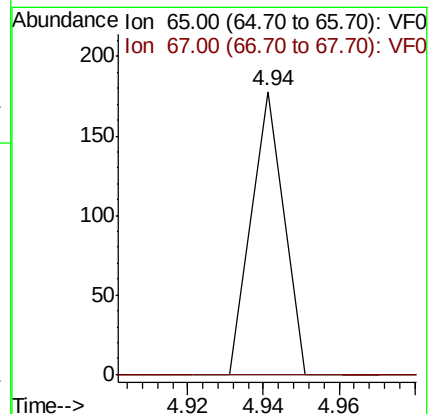
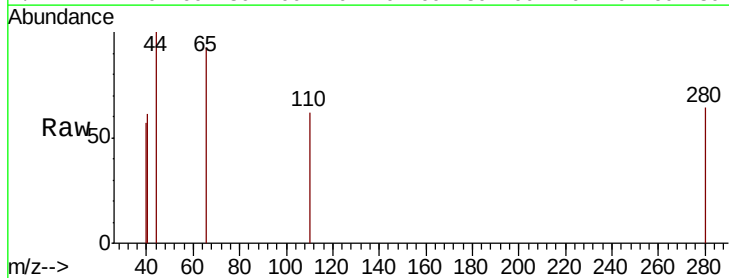
Acq: 24 Aug 2018 19:03

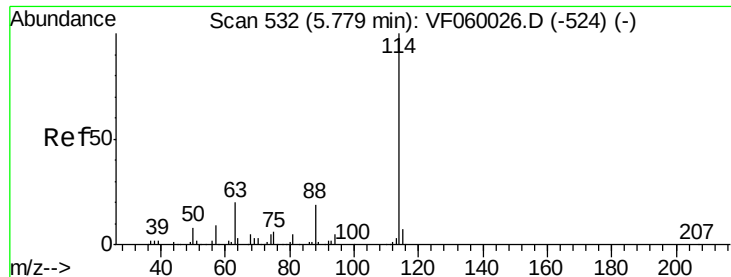
Tgt Ion: 65 Resp: 105

Ion Ratio Lower Upper

65 100

67 0.0 0.0 92.0





#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 5.75 min Scan# 529

Delta R.T. -0.03 min

Lab File: VF060108.D

Acq: 24 Aug 2018 19:03

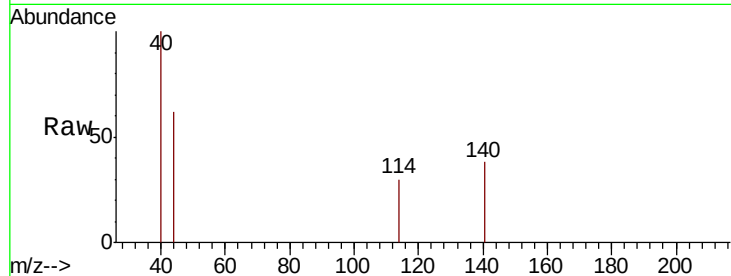
Instrument :

MSVOA_F

ClientSampled :

SP-2

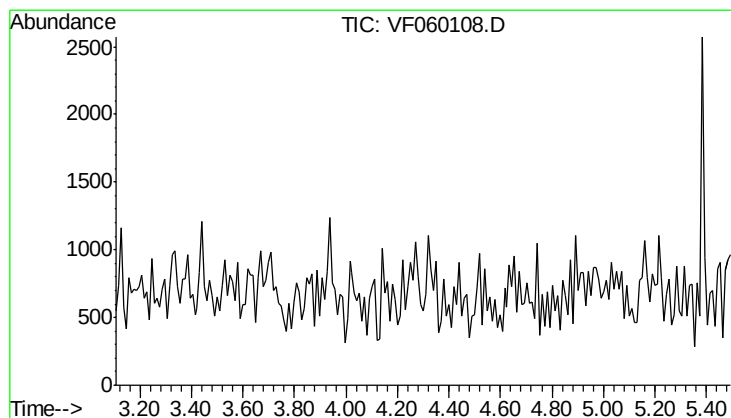
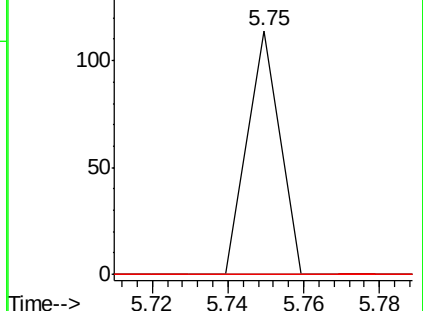
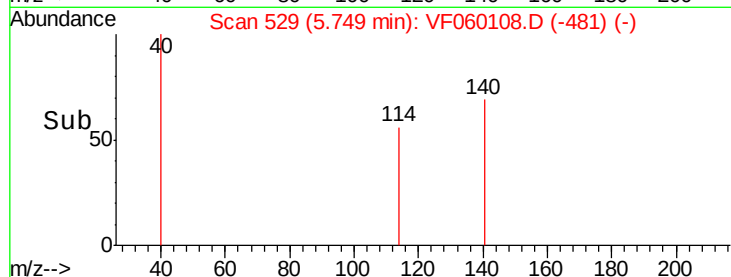
Tot Ion:	114	Resp:	67
Ion	Ratio	Lower	Upper
114	100		
63	0.0	0.0	40.4
88	0.0	0.0	38.6



Abundance Ion 114.00 (113.70 to 114.70): VF060108.D

Ion 63.00 (62.70 to 63.70): VF060108.D

Ion 88.00 (87.70 to 88.70): VF060108.D



#35

Dibromofluoromethane

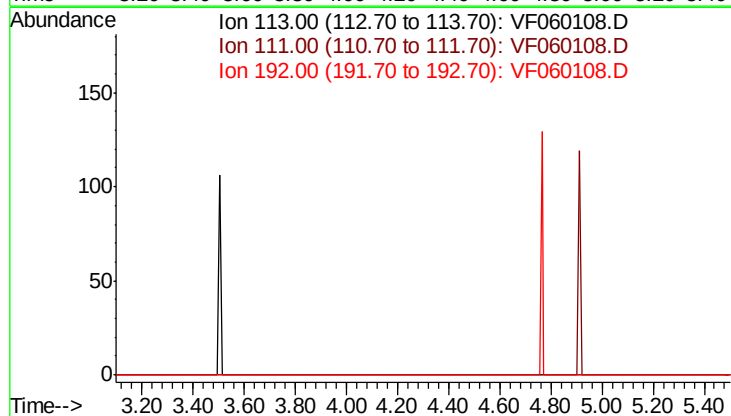
Concen: 0.00 ug/l

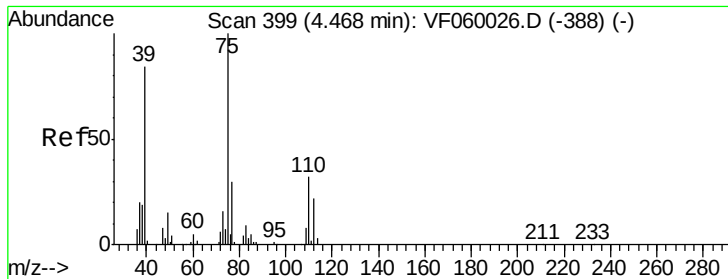
Expected RT: 4.30 min

Lab File: VF060108.D

Acq: 24 Aug 2018 19:03

Tgt Ion:	113
Sig	Exp Ratio
113	100
111	103.4
192	16.2





#36

1,1-Dichloropropene

Concen: 120.71 ug/l

RT: 4.32 min Scan# 384

Delta R.T. -0.15 min

Lab File: VF060108.D

Acq: 24 Aug 2018 19:03

Instrument :

MSVOA_F

ClientSampleId :

SP-2

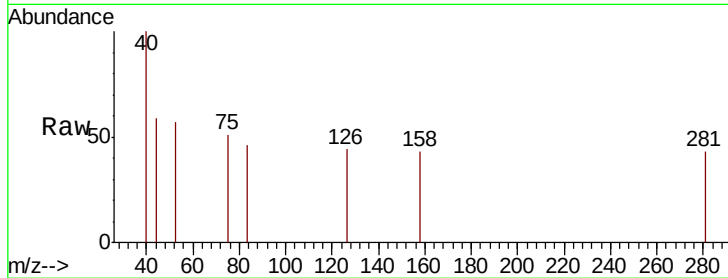
Tot Ion: 75 Resp: 76

Ion Ratio Lower Upper

75 100

110 0.0 16.0 47.9#

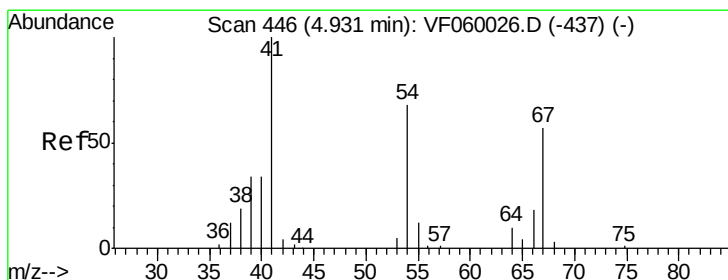
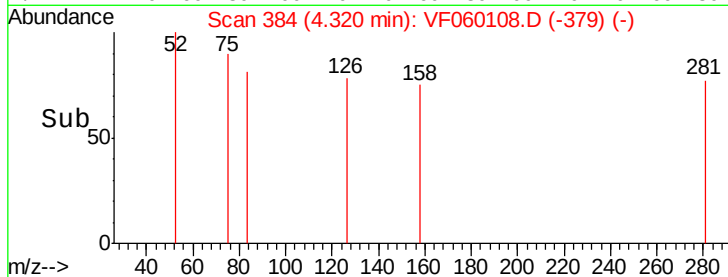
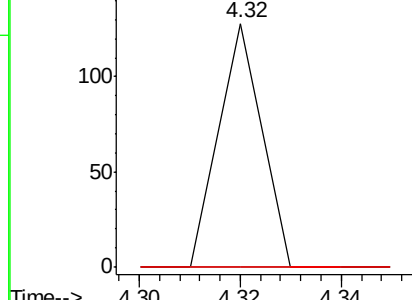
77 0.0 24.1 36.1#



Abundance Ion 75.00 (74.70 to 75.70): VF0

Ion 110.00 (109.70 to 110.70): V

Ion 77.00 (76.70 to 77.70): VF0



#41

Methacrylonitrile

Concen: 346.53 ug/l

RT: 5.01 min Scan# 454

Delta R.T. 0.08 min

Lab File: VF060108.D

Acq: 24 Aug 2018 19:03

Tgt Ion: 41 Resp: 66

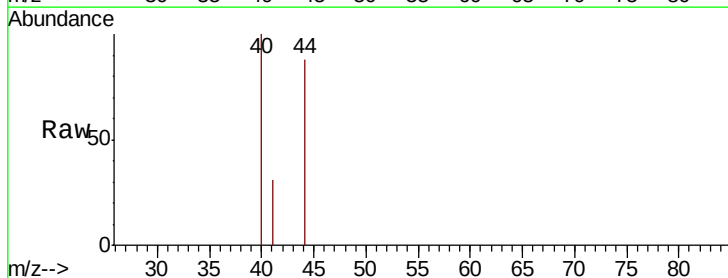
Ion Ratio Lower Upper

41 100

39 0.0 52.9 79.3#

67 0.0 45.3 67.9#

52 0.0 34.8 52.2#

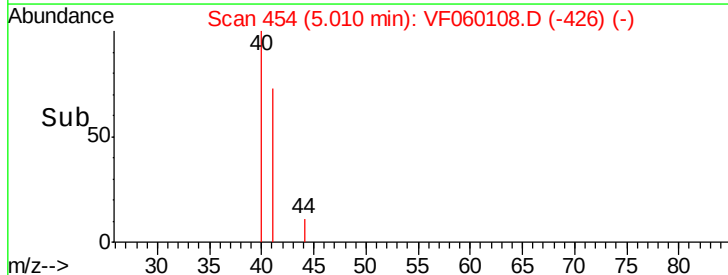
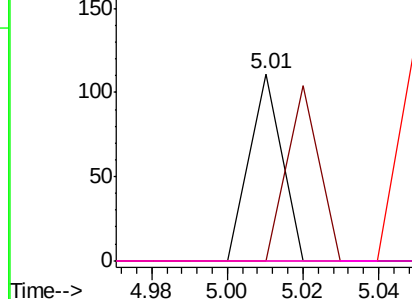


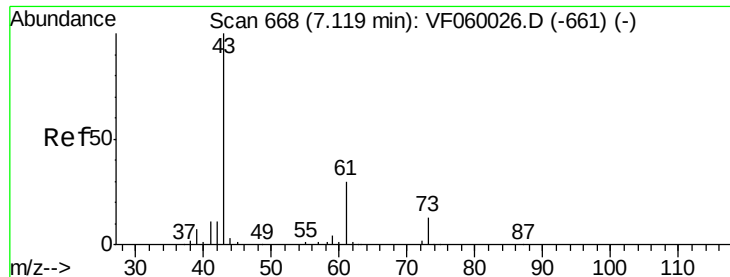
Abundance Ion 41.00 (40.70 to 41.70): VF0

Ion 39.00 (38.70 to 39.70): VF0

Ion 67.00 (66.70 to 67.70): VF0

Ion 52.00 (51.70 to 52.70): VF0

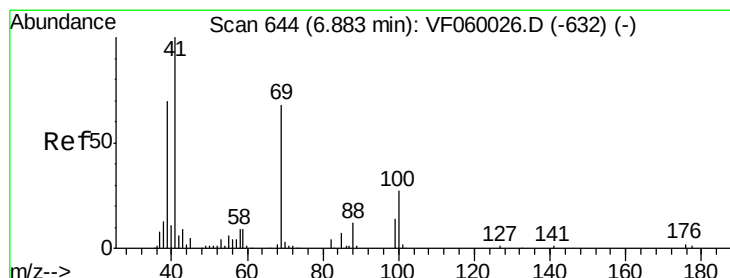
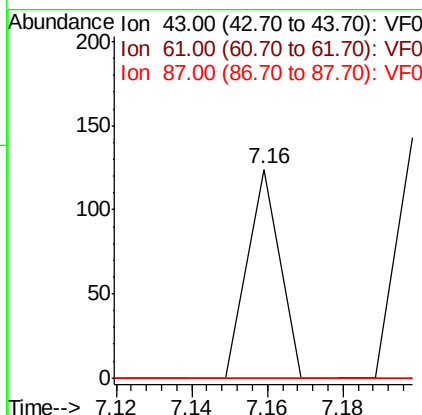
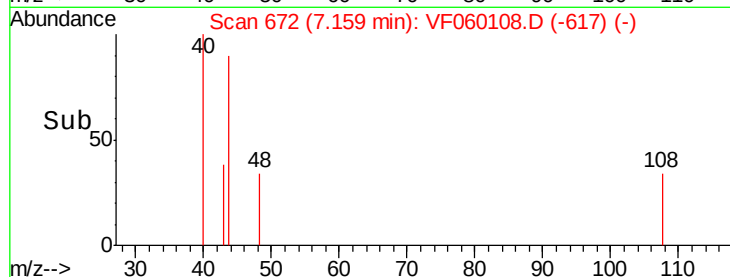
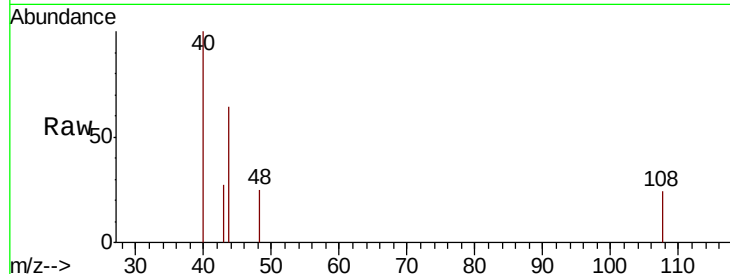




#43
Isopropyl Acetate
Concen: 154.03 ug/l
RT: 7.16 min Scan# 672
Delta R.T. 0.04 min
Lab File: VF060108.D
Acq: 24 Aug 2018 19:03

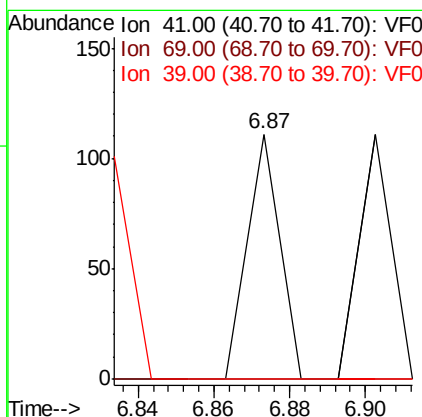
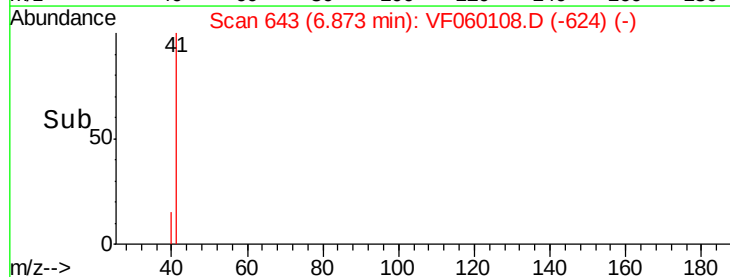
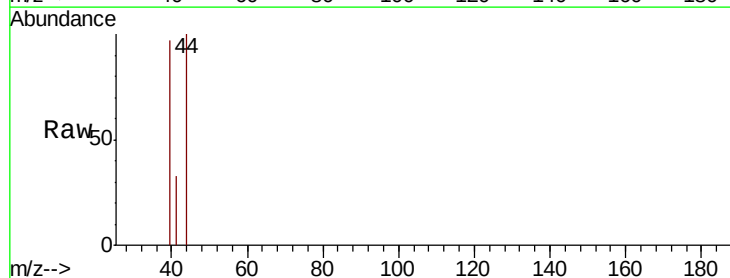
Instrument :
MSVOA_F
ClientSampleId :
SP-2

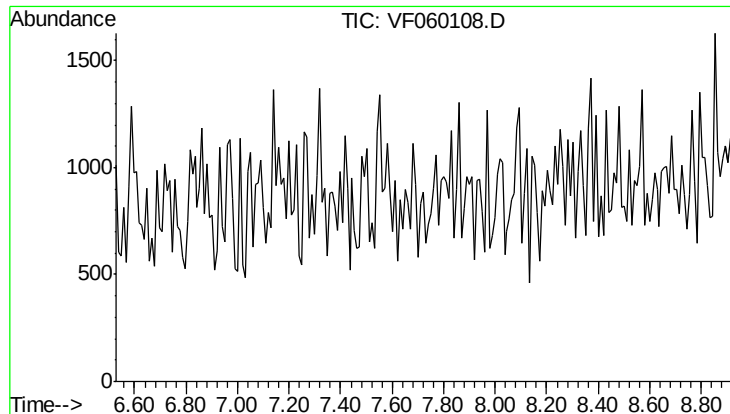
Tot Ion	Ratio	Lower	Upper
43	100		
61	0.0	23.8	35.6#
87	0.0	0.2	0.4#



#48
Methyl methacrylate
Concen: 210.45 ug/l
RT: 6.87 min Scan# 643
Delta R.T. -0.01 min
Lab File: VF060108.D
Acq: 24 Aug 2018 19:03

Tgt Ion	Ratio	Lower	Upper
41	100		
69	0.0	54.6	81.8#
39	297.3	56.5	84.7#



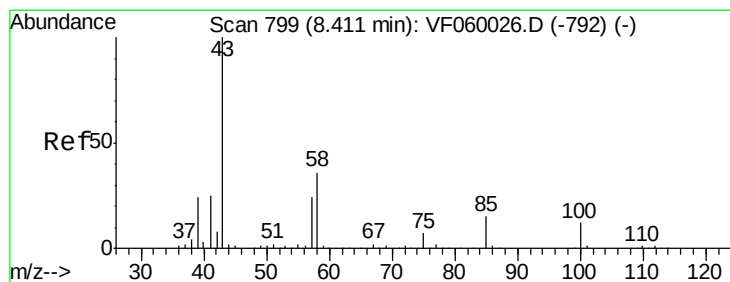
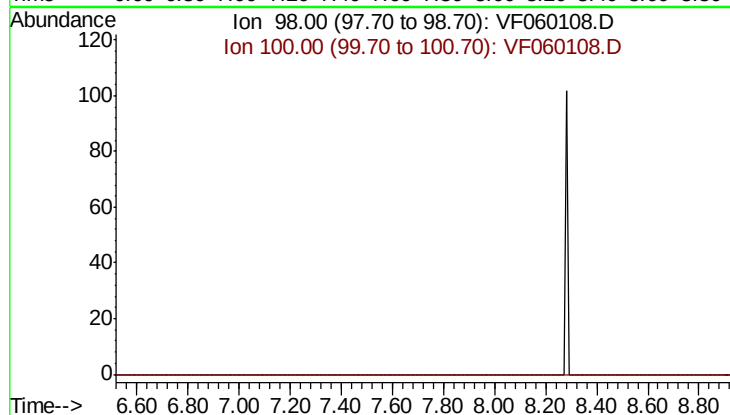


#50
Toluene-d8
Concen: 0.00 ug/l
Expected RT: 7.72 min

Lab File: VF060108.D
Acq: 24 Aug 2018 19:03

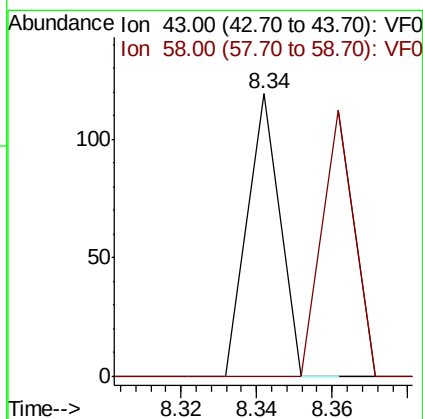
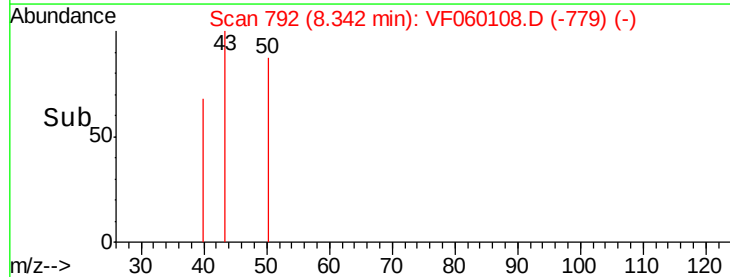
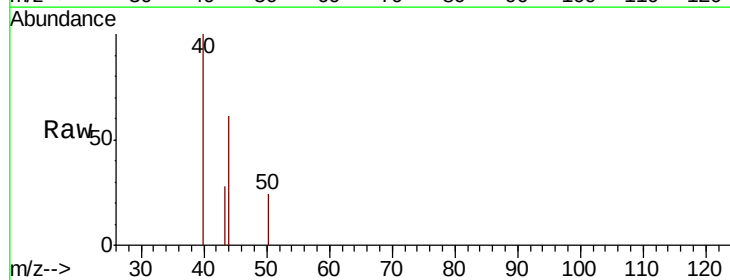
Instrument :
MSVOA_F
ClientSampleId :
SP-2

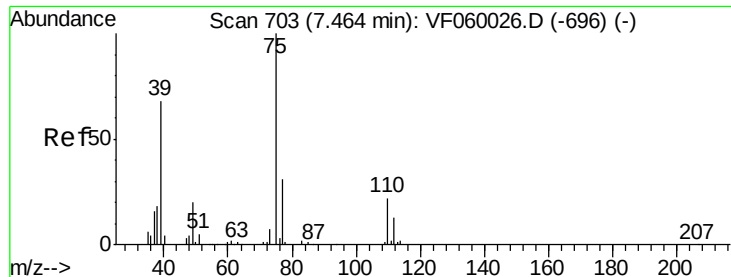
Tot Ion: 98
Sig Exp Ratio
98 100
100 66.5



#51
4-Methyl-2-Pentanone
Concen: 171.04 ug/l
RT: 8.34 min Scan# 792
Delta R.T. -0.07 min
Lab File: VF060108.D
Acq: 24 Aug 2018 19:03

Tgt Ion: 43 Resp: 70
Ion Ratio Lower Upper
43 100
58 0.0 28.6 42.8#





#54

cis-1,3-Dichloropropene

Concen: 94.06 ug/l

RT: 7.33 min Scan# 689

Delta R.T. -0.14 min

Lab File: VF060108.D

Acq: 24 Aug 2018 19:03

Instrument :

MSVOA_F

ClientSampleId :

SP-2

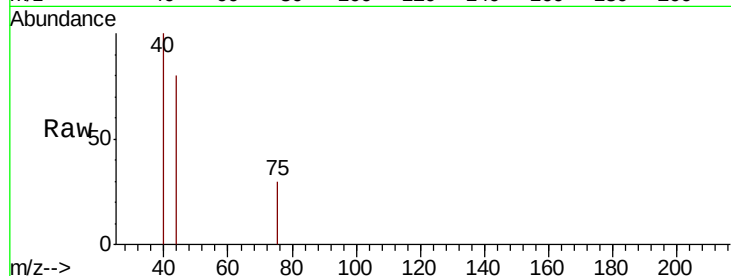
Tot Ion: 75 Resp: 70

Ion Ratio Lower Upper

75 100

77 0.0 24.6 37.0#

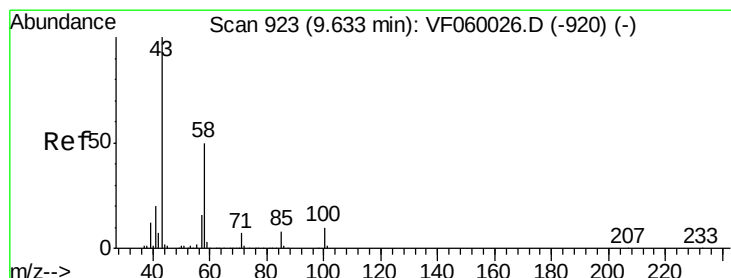
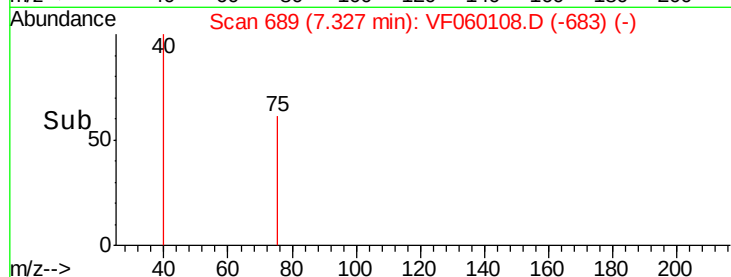
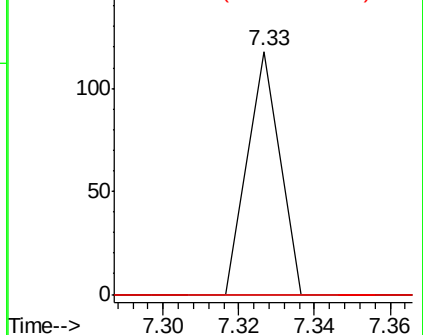
39 0.0 54.6 81.8#



Abundance Ion 75.00 (74.70 to 75.70): VF0

Ion 77.00 (76.70 to 77.70): VF0

Ion 39.00 (38.70 to 39.70): VF0



#59

2-Hexanone

Concen: 368.31 ug/l

RT: 9.46 min Scan# 905

Delta R.T. -0.18 min

Lab File: VF060108.D

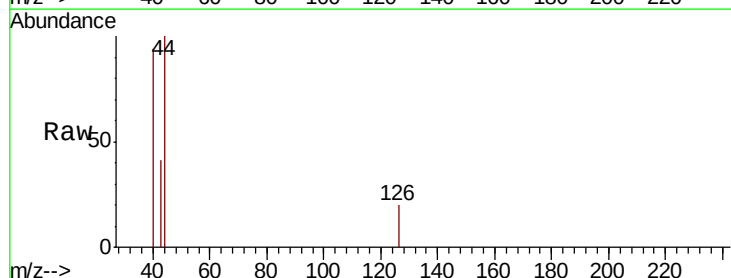
Acq: 24 Aug 2018 19:03

Tgt Ion: 43 Resp: 122

Ion Ratio Lower Upper

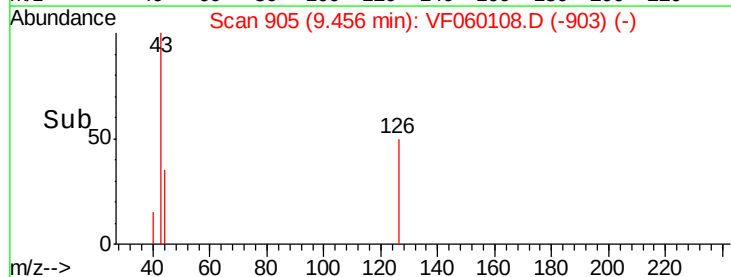
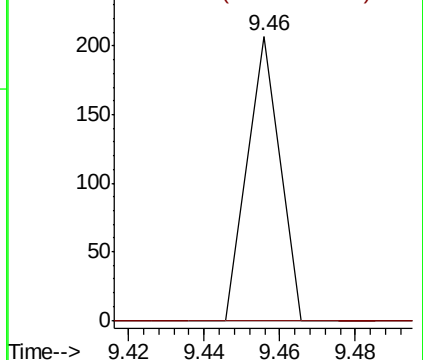
43 100

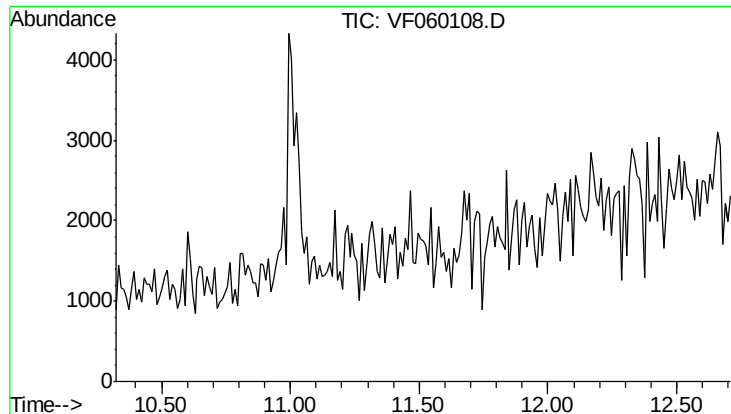
58 0.0 23.4 70.2#



Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 58.00 (57.70 to 58.70): VF0





#62

4-Bromofluorobenzene

Concen: 0.00 ug/l

Expected RT: 11.52 min

Lab File: VF060108.D

Acq: 24 Aug 2018 19:03

Tot Ion: 95

Sig Exp Ratio

95 100

174 79.2

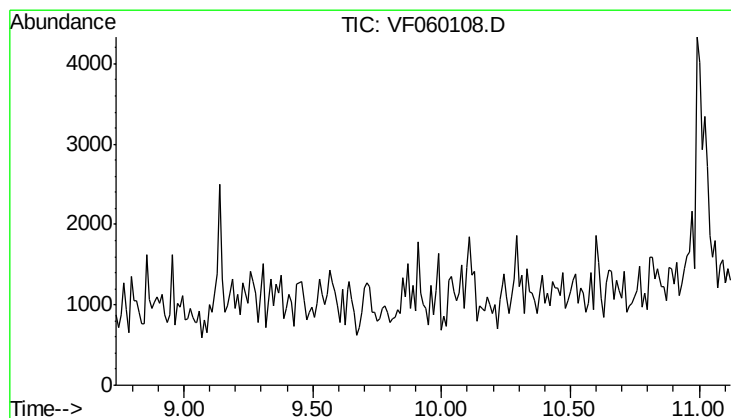
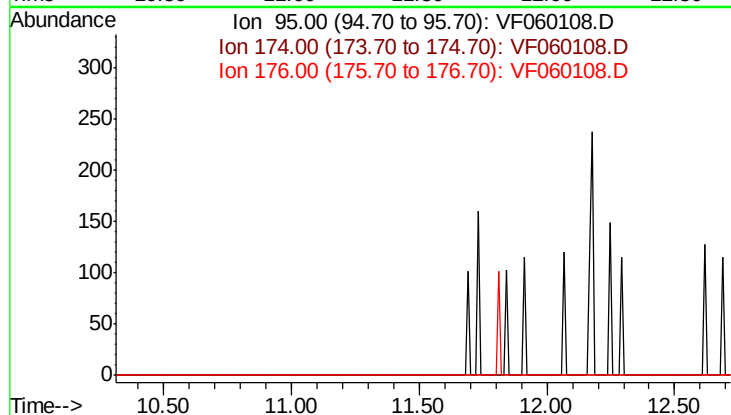
176 76.5

Instrument :

MSVOA_F

ClientSampleId :

SP-2



#63

Chlorobenzene-d5

Concen: 0.00 ug/l

Expected RT: 9.93 min

Lab File: VF060108.D

Acq: 24 Aug 2018 19:03

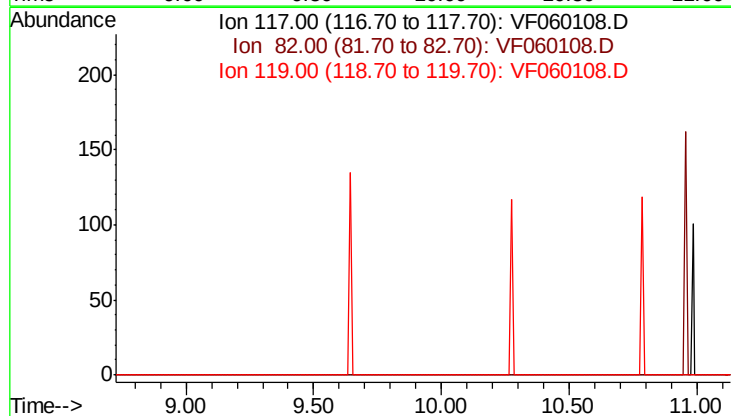
Tgt Ion: 117

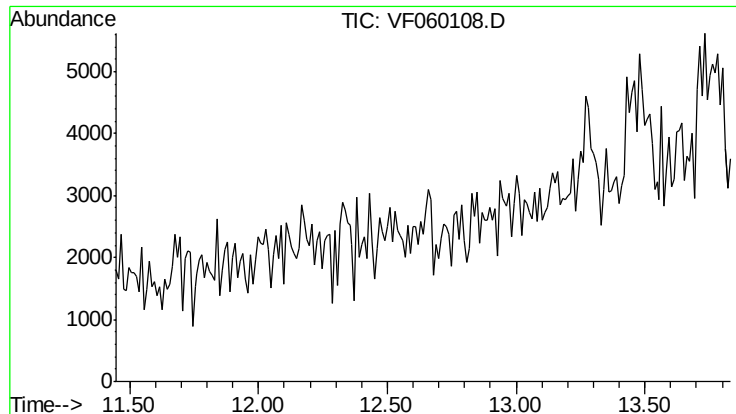
Sig Exp Ratio

117 100

82 54.5

119 32.0





#72
1,4-Dichlorobenzene-d4
Concen: 0.00 ug/l
Expected RT: 12.64 min
Lab File: VF060108.D
Acq: 24 Aug 2018 19:03

Instrument :
MSVOA_F
ClientSampleId :
SP-2

Tot Ion: 152	
Sig	Exp Ratio
152	100
115	57.3
150	156.0

