

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_F\DATA\VF021819\
 Data File : VF061682.D
 Acq On : 18 Feb 2019 16:58
 Operator : VA/AP
 Sample : K1518-17
 Misc : 6.52g/5mL/MSVOA-F/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 TP-MH-C02

Quant Time: Feb 19 01:58:21 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F021319S.M
 Quant Title : SW846 8260
 QLast Update : Thu Feb 14 03:27:56 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	0.00	168	0	0.00	ug/l	-4.89
34) 1,4-Difluorobenzene	5.43	114	59	50.00	ug/l	-0.18
63) Chlorobenzene-d5	0.00	117	0	0.00	ug/l	-9.79
72) 1,4-Dichlorobenzene-d4	0.00	152	0	0.00	ug/l	-12.56

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	0.00	65	0	0.00	ug/l	
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%	

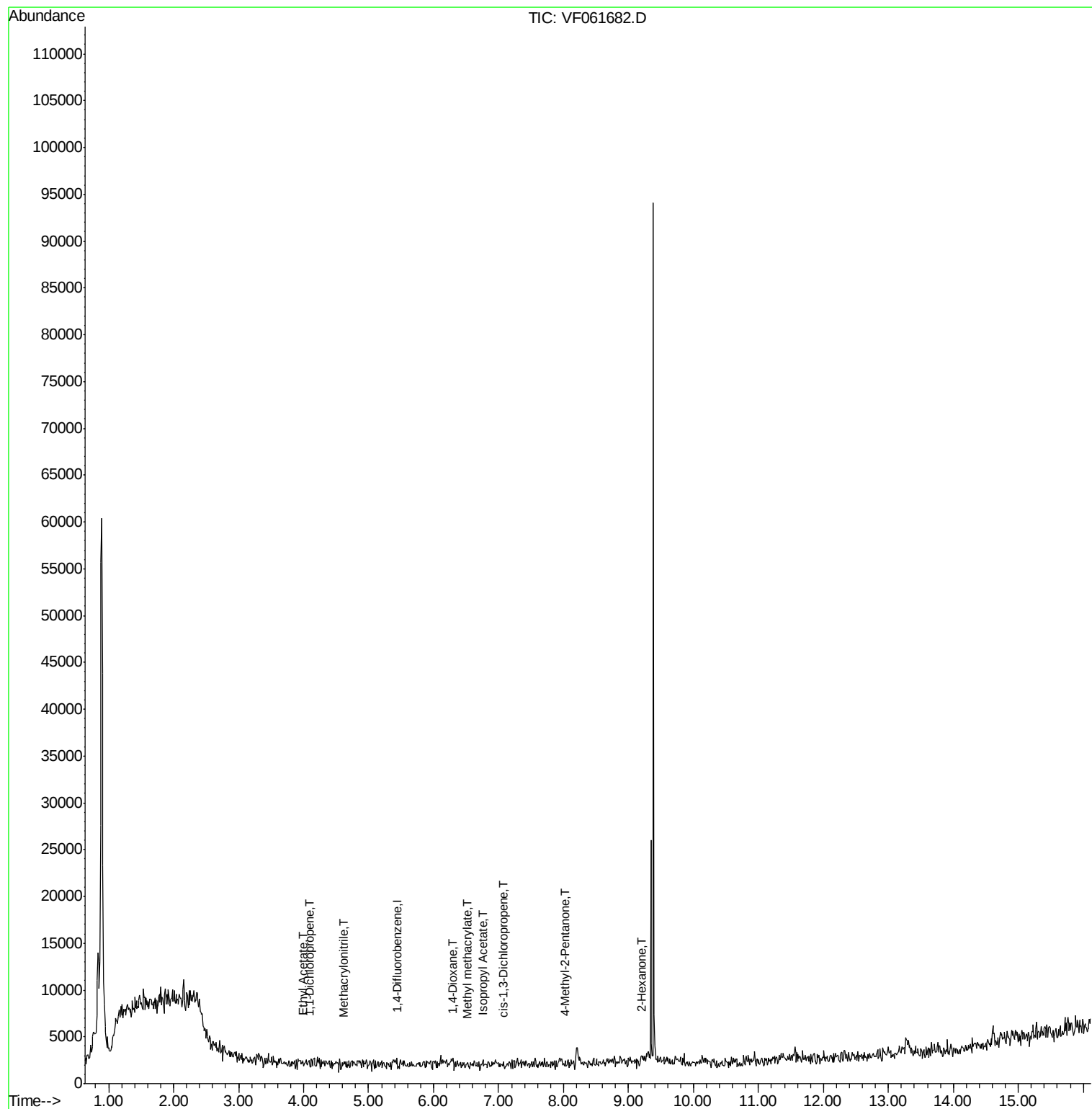
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
36) 1,1-Dichloropropene	4.09	75	61	104.369	ug/l #	37
37) Ethyl Acetate	3.99	43	61	224.702	ug/l #	30
41) Methacrylonitrile	4.62	41	401	2888.417	ug/l #	25
43) Isopropyl Acetate	6.76	43	143	445.017	ug/l #	43
48) Methyl methacrylate	6.50	41	87	449.898	ug/l #	17
49) 1,4-Dioxane	6.29	88	70	38507.264	ug/l #	9
51) 4-Methyl-2-Pentanone	8.02	43	141	614.098	ug/l #	34
54) cis-1,3-Dichloropropene	7.07	75	62	112.249	ug/l #	36
59) 2-Hexanone	9.20	43	100	621.323	ug/l #	23

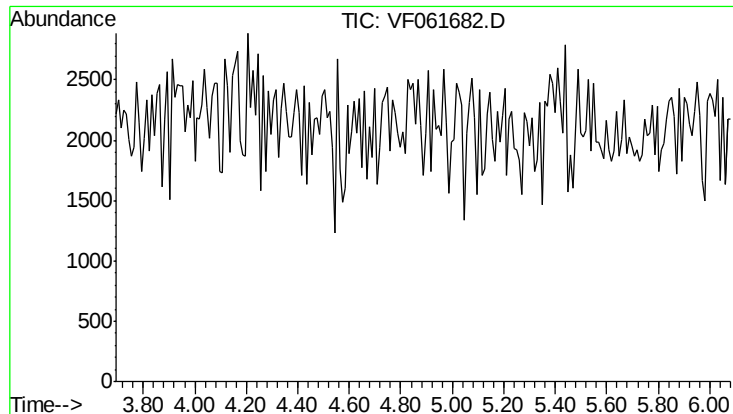
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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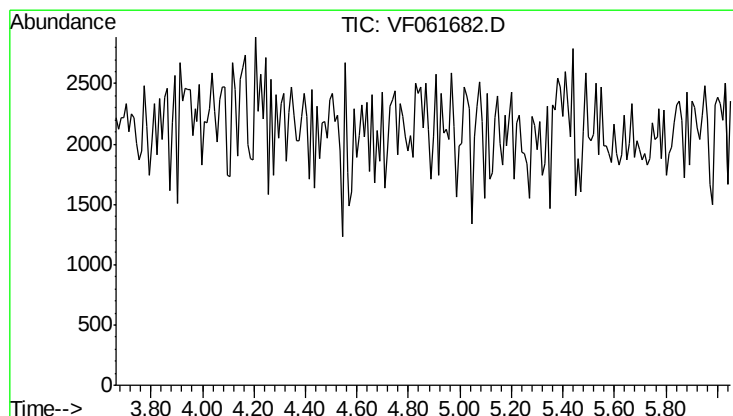
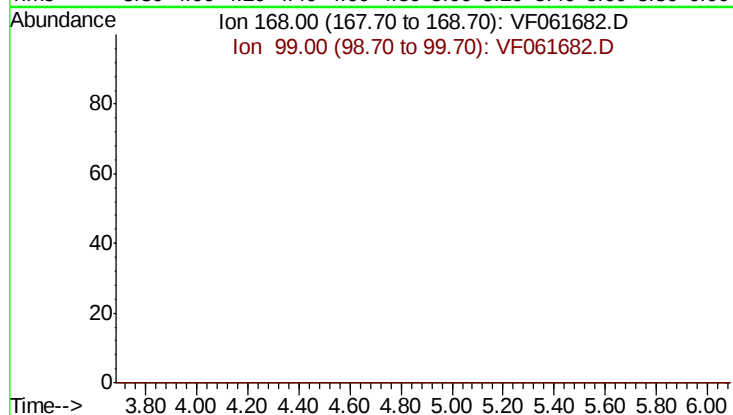


#1
Pentafluorobenzene
Concen: 0.000 ug/l
Expected RT: 4.89 min

Lab File: VF061682.D
Acq: 18 Feb 2019 16:58

Instrument :
MSVOA_F
ClientSampleId :
TP-MH-C02

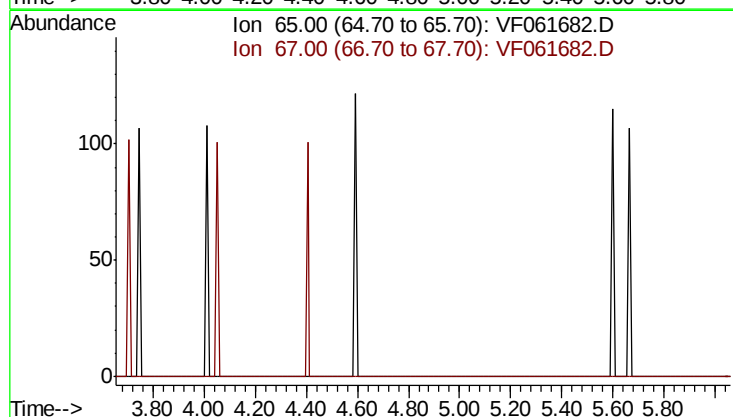
Tgt Ion	Exp Ratio
168	100
99	43.6

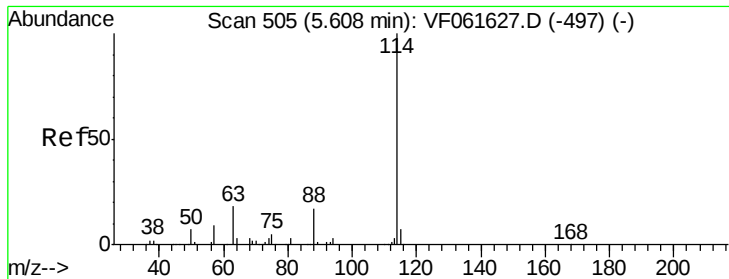


#33
1,2-Dichloroethane-d4
Concen: 0.000 ug/l
Expected RT: 4.86 min

Lab File: VF061682.D
Acq: 18 Feb 2019 16:58

Tgt Ion	Exp Ratio
65	100
67	52.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.43 min Scan# 487

Delta R.T. -0.18 min

Lab File: VF061682.D

Acq: 18 Feb 2019 16:58

Instrument :

MSVOA_F

ClientSampleId :

TP-MH-C02

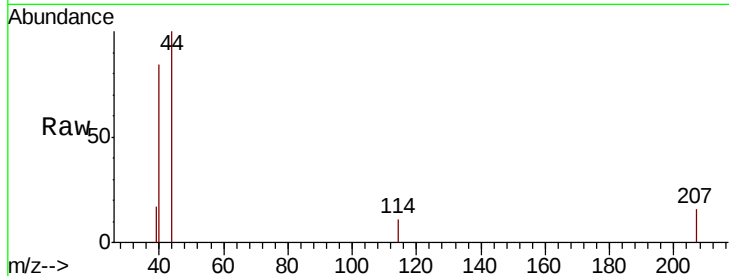
Tgt Ion:114 Resp: 59

Ion Ratio Lower Upper

114 100

63 0.0 0.0 36.6

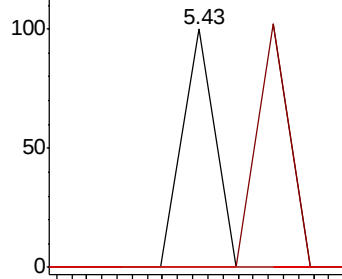
88 0.0 0.0 34.4



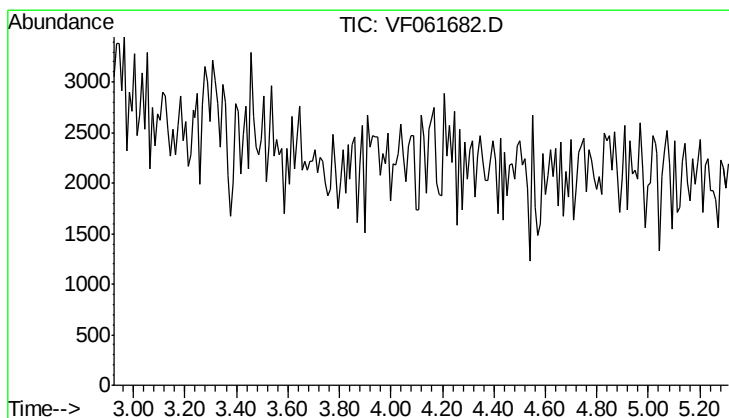
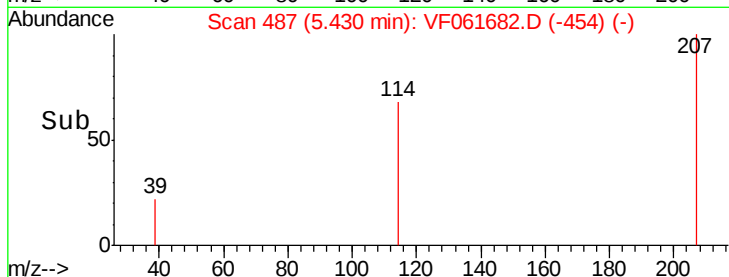
Abundance Ion 114.00 (113.70 to 114.70): V

Ion 63.00 (62.70 to 63.70): VF0

Ion 88.00 (87.70 to 88.70): VF0



Time-->



#35

Dibromofluoromethane

Concen: 0.000 ug/l

Expected RT: 4.12 min

Lab File: VF061682.D

Acq: 18 Feb 2019 16:58

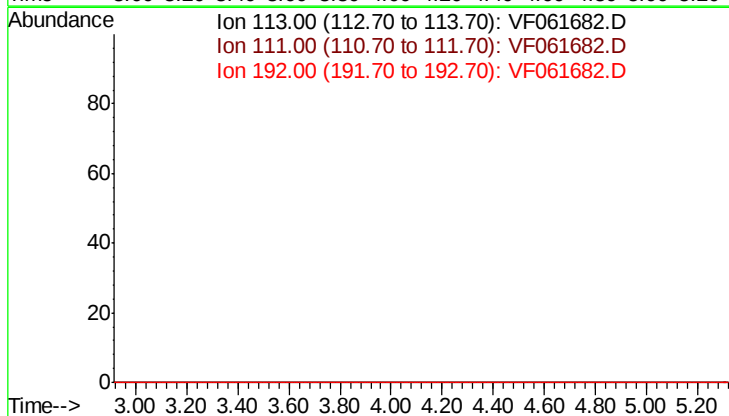
Tgt Ion: 113

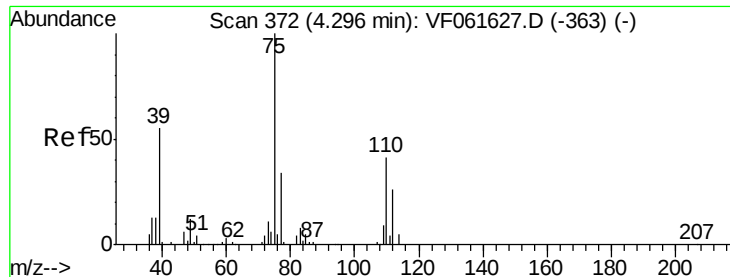
Sig Exp Ratio

113 100

111 98.5

192 16.7





#36

1,1-Dichloropropene

Concen: 104.369 ug/l

RT: 4.09 min Scan# 351

Delta R.T. -0.21 min

Lab File: VF061682.D

Acq: 18 Feb 2019 16:58

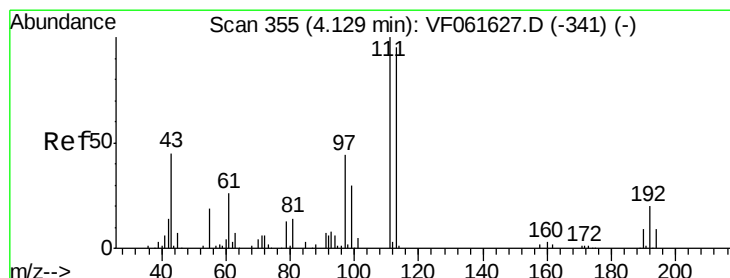
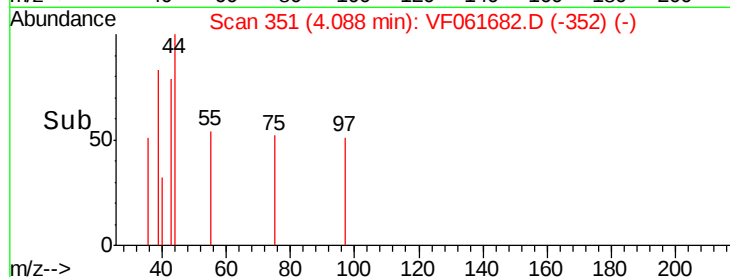
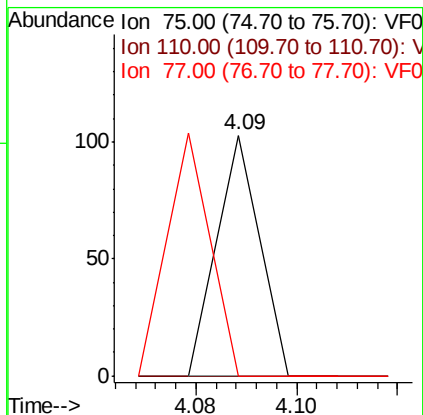
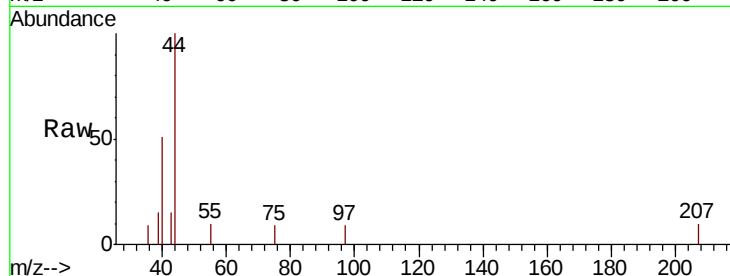
Instrument :

MSVOA_F

ClientSampleId :

TP-MH-C02

Tgt Ion:	75	Resp:	61
Ion	Ratio	Lower	Upper
75	100		
110	0.0	20.5	61.6#
77	0.0	27.0	40.4#



#37

Ethyl Acetate

Concen: 224.702 ug/l

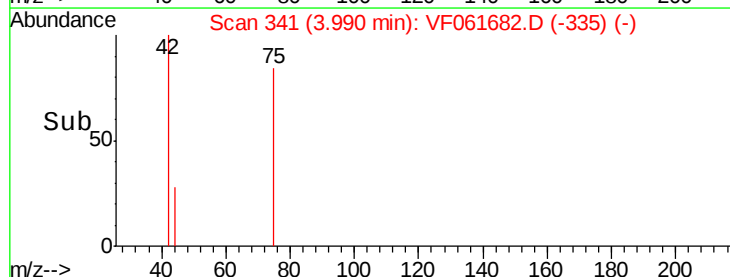
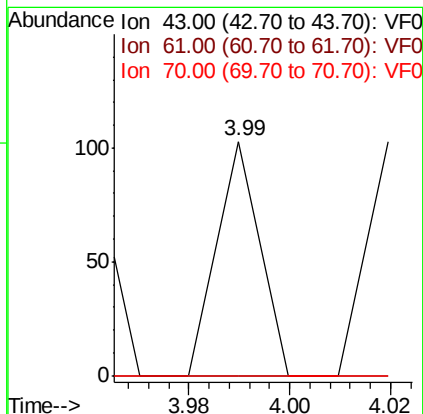
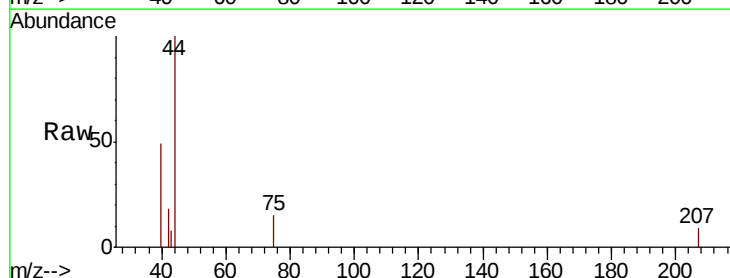
RT: 3.99 min Scan# 341

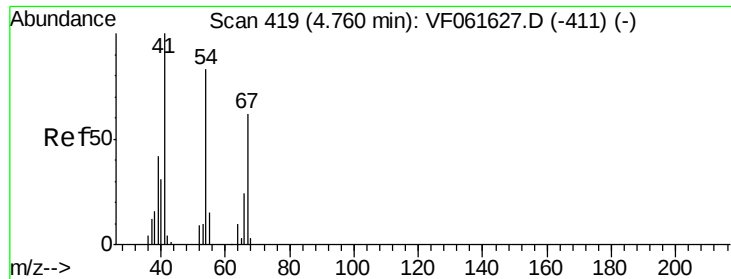
Delta R.T. -0.14 min

Lab File: VF061682.D

Acq: 18 Feb 2019 16:58

Tgt Ion:	43	Resp:	61
Ion	Ratio	Lower	Upper
43	100		
61	0.0	45.7	68.5#
70	0.0	8.5	12.7#





#41

Methacrylonitrile

Concen: 2888.417 ug/l

RT: 4.62 min Scan# 405

Delta R.T. -0.14 min

Lab File: VF061682.D

Acq: 18 Feb 2019 16:58

Instrument :

MSVOA_F

ClientSampleId :

TP-MH-C02

Tgt Ion: 41 Resp: 401

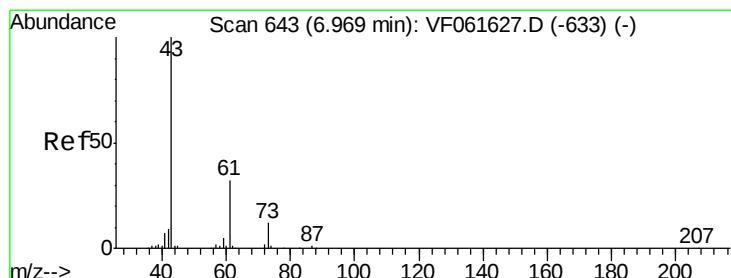
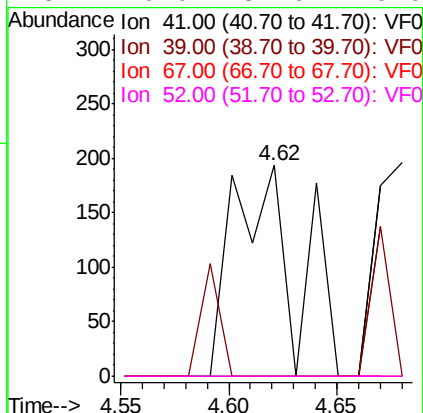
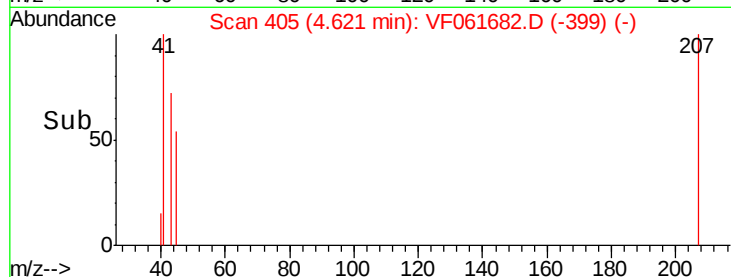
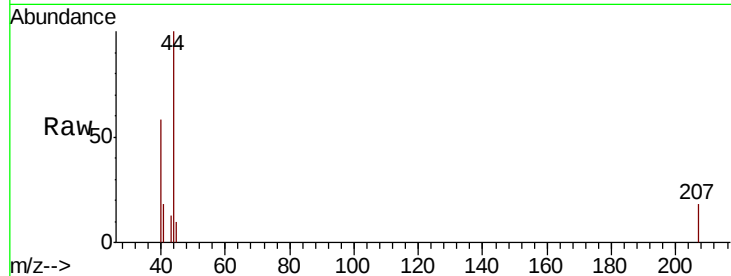
Ion Ratio Lower Upper

41 100

39 0.0 45.3 67.9#

67 0.0 49.3 73.9#

52 0.0 32.6 49.0#



#43

Isopropyl Acetate

Concen: 445.017 ug/l

RT: 6.76 min Scan# 622

Delta R.T. -0.21 min

Lab File: VF061682.D

Acq: 18 Feb 2019 16:58

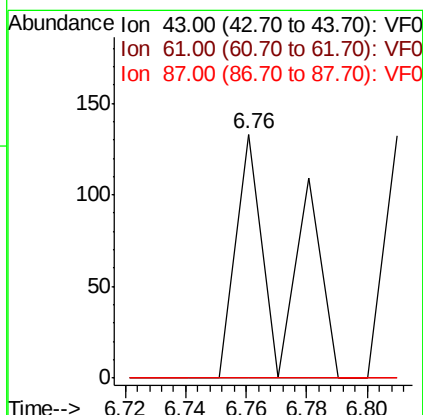
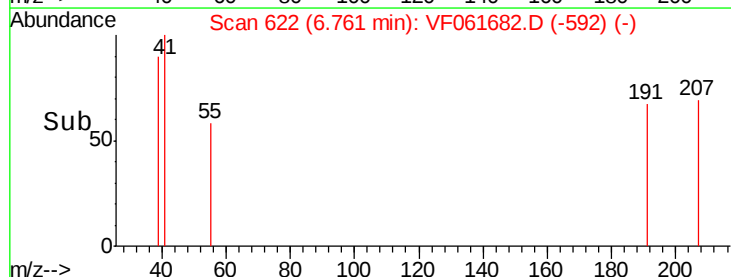
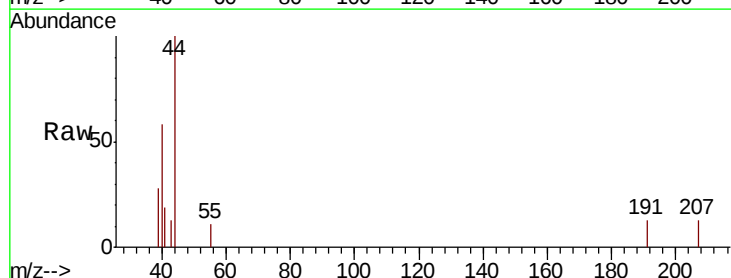
Tgt Ion: 43 Resp: 143

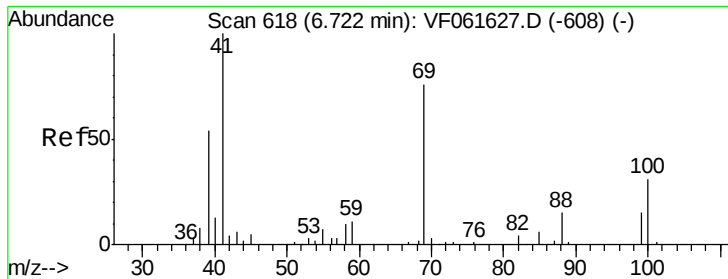
Ion Ratio Lower Upper

43 100

61 0.0 25.8 38.6#

87 0.0 0.4 0.6#

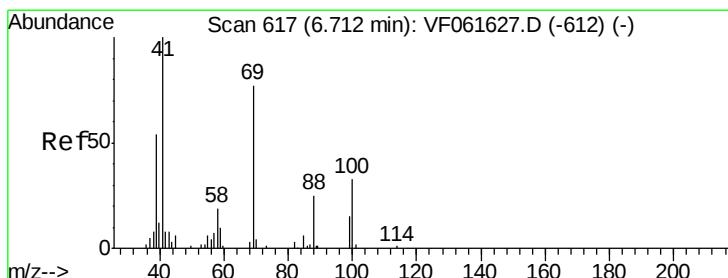
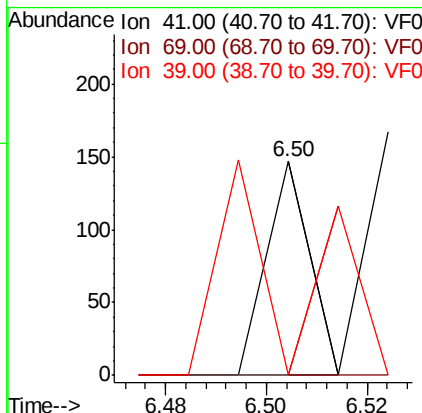
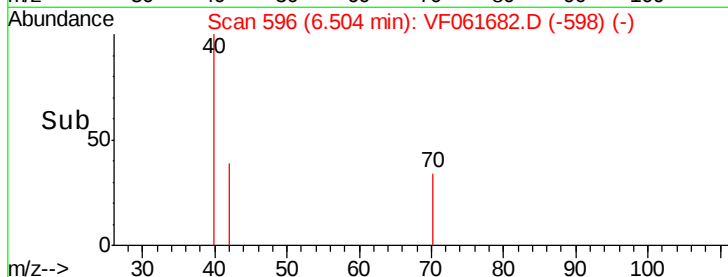
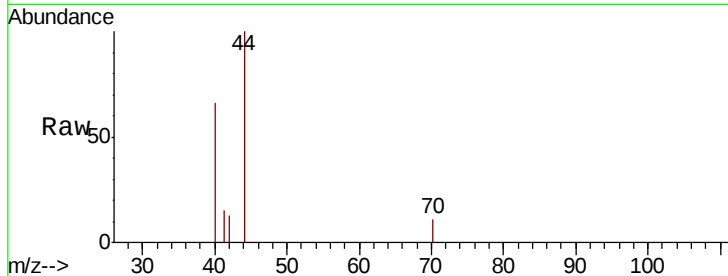




#48
Methyl methacrylate
Concen: 449.898 ug/l
RT: 6.50 min Scan# 596
Delta R.T. -0.22 min
Lab File: VF061682.D
Acq: 18 Feb 2019 16:58

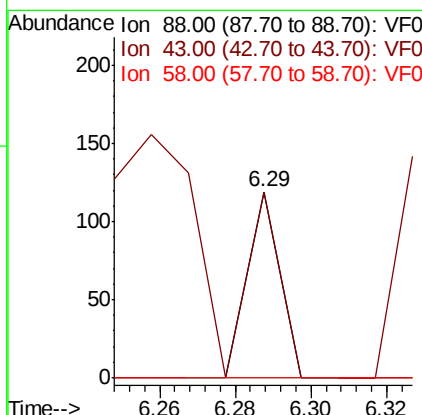
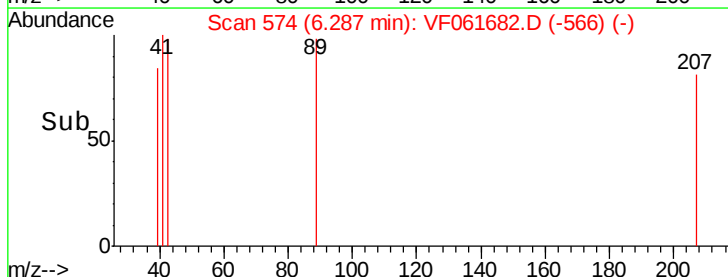
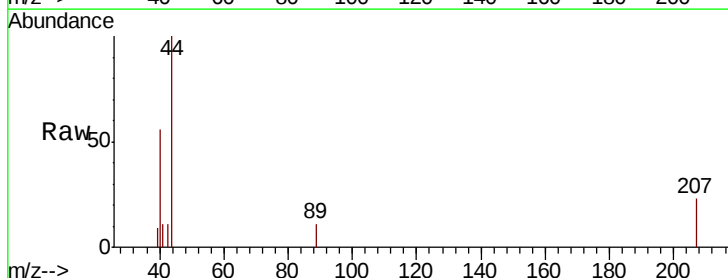
Instrument :
MSVOA_F
ClientSampleId :
TP-MH-C02

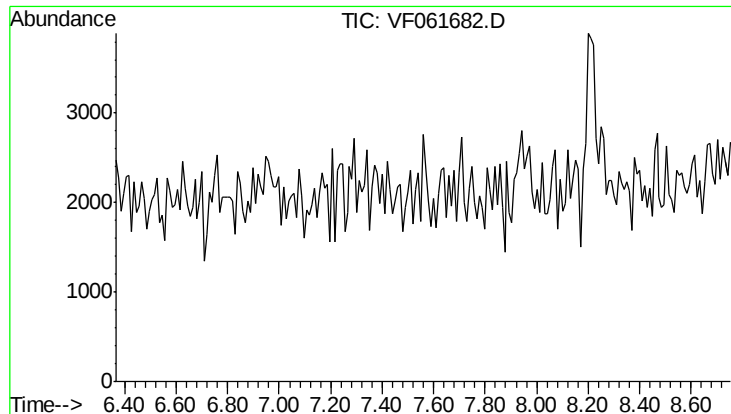
Tgt Ion: 41 Resp: 87
Ion Ratio Lower Upper
41 100
69 0.0 60.4 90.6#
39 0.0 43.7 65.5#



#49
1,4-Dioxane
Concen: 38507.264 ug/l
RT: 6.29 min Scan# 574
Delta R.T. -0.42 min
Lab File: VF061682.D
Acq: 18 Feb 2019 16:58

Tgt Ion: 88 Resp: 70
Ion Ratio Lower Upper
88 100
43 100.0 32.3 48.5#
58 0.0 59.4 89.2#



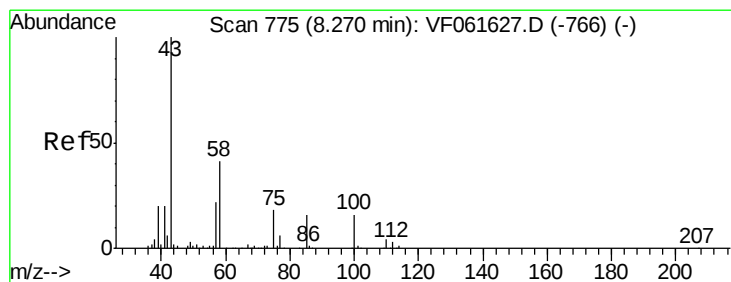
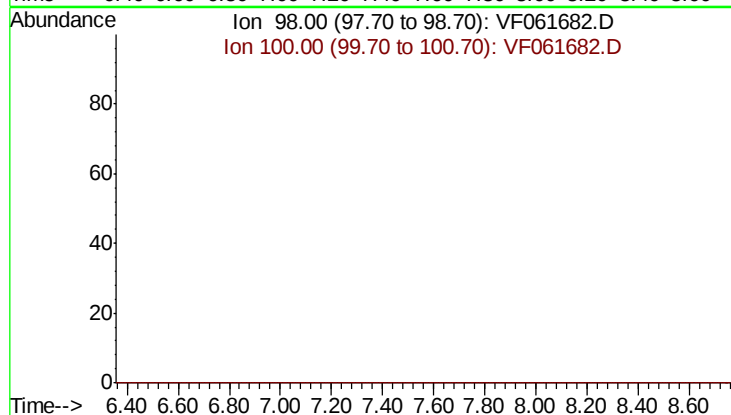


#50
Toluene-d8
Concen: 0.000 ug/l
Expected RT: 7.56 min

Lab File: VF061682.D
Acq: 18 Feb 2019 16:58

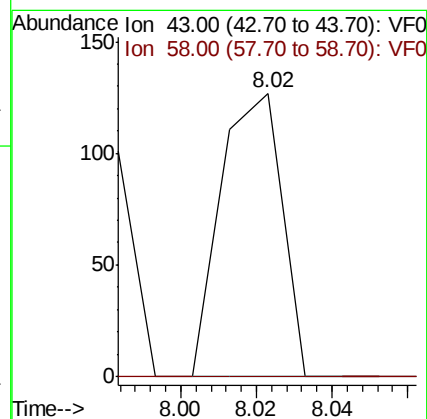
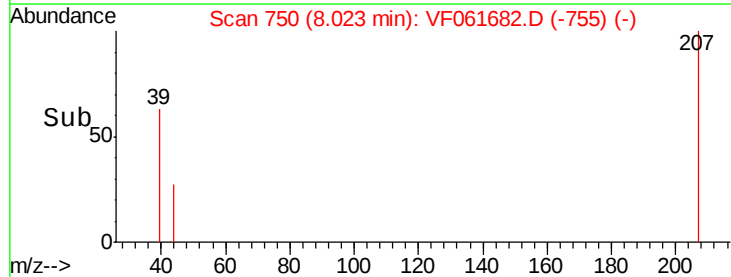
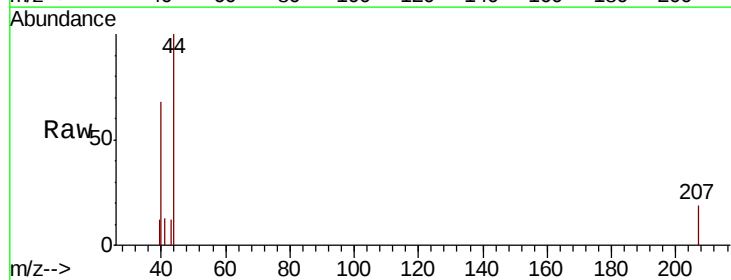
Instrument :
MSVOA_F
ClientSampleId :
TP-MH-C02

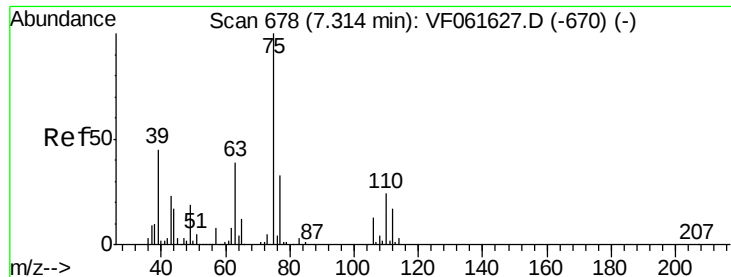
Tgt Ion: 98
Sig Exp Ratio
98 100
100 69.3



#51
4-Methyl-2-Pentanone
Concen: 614.098 ug/l
RT: 8.02 min Scan# 750
Delta R.T. -0.25 min
Lab File: VF061682.D
Acq: 18 Feb 2019 16:58

Tgt Ion: 43 Resp: 141
Ion Ratio Lower Upper
43 100
58 0.0 33.1 49.7#





#54

cis-1,3-Dichloropropene

Concen: 112.249 ug/l

RT: 7.07 min Scan# 653

Delta R.T. -0.25 min

Lab File: VF061682.D

Acq: 18 Feb 2019 16:58

Instrument :

MSVOA_F

ClientSampleId :

TP-MH-C02

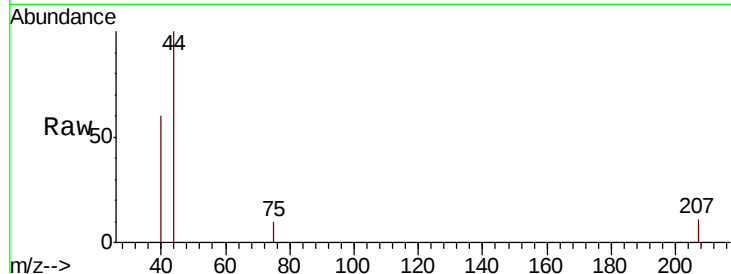
Tgt Ion: 75 Resp: 62

Ion Ratio Lower Upper

75 100

77 0.0 26.4 39.6#

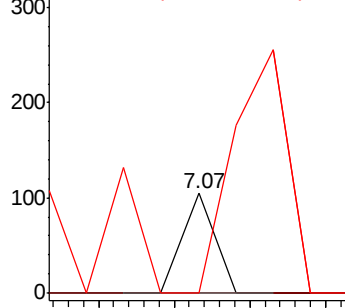
39 0.0 36.0 54.0#



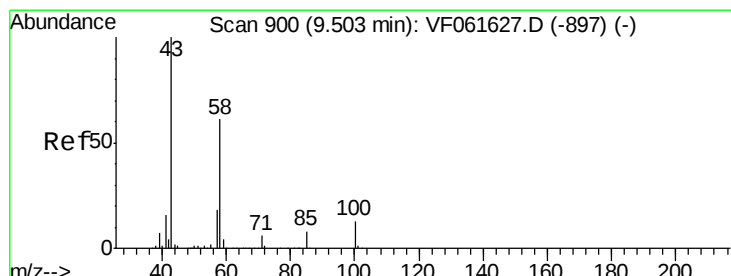
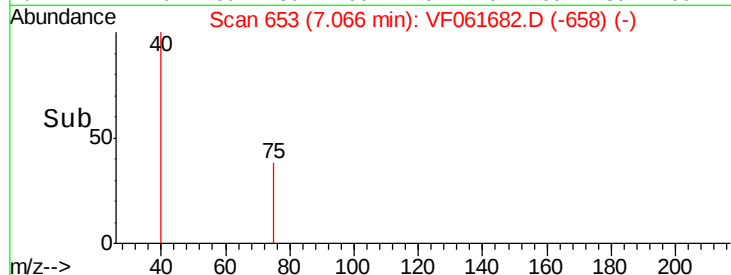
Abundance Ion 75.00 (74.70 to 75.70): VF0

Ion 77.00 (76.70 to 77.70): VF0

Ion 39.00 (38.70 to 39.70): VF0



Time-->



#59

2-Hexanone

Concen: 621.323 ug/l

RT: 9.20 min Scan# 869

Delta R.T. -0.31 min

Lab File: VF061682.D

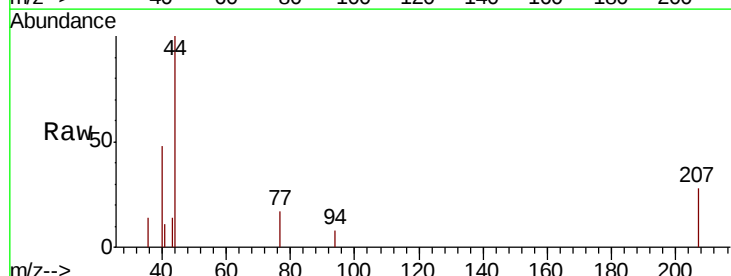
Acq: 18 Feb 2019 16:58

Tgt Ion: 43 Resp: 100

Ion Ratio Lower Upper

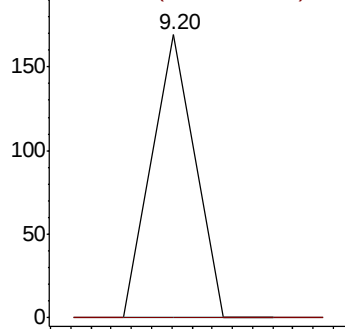
43 100

58 0.0 28.5 85.5#

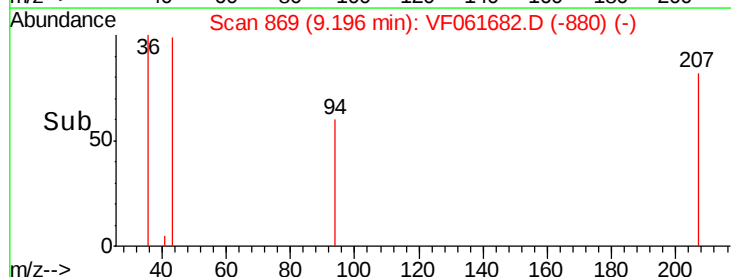


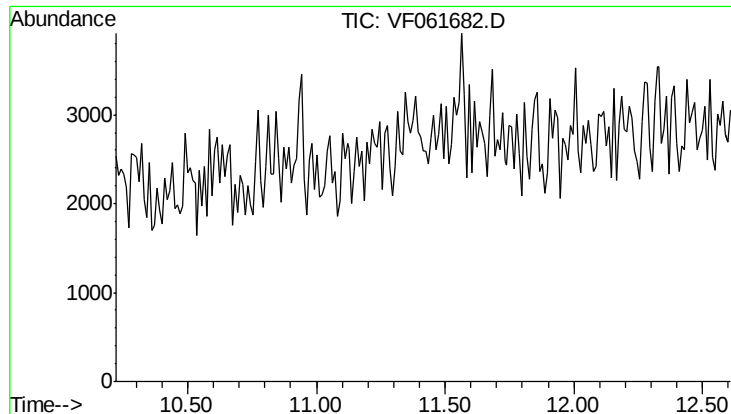
Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 58.00 (57.70 to 58.70): VF0



Time-->





#62

4-Bromofluorobenzene

Concen: 0.000 ug/l

Expected RT: 11.42 min

Lab File: VF061682.D

Acq: 18 Feb 2019 16:58

Tgt Ion: 95

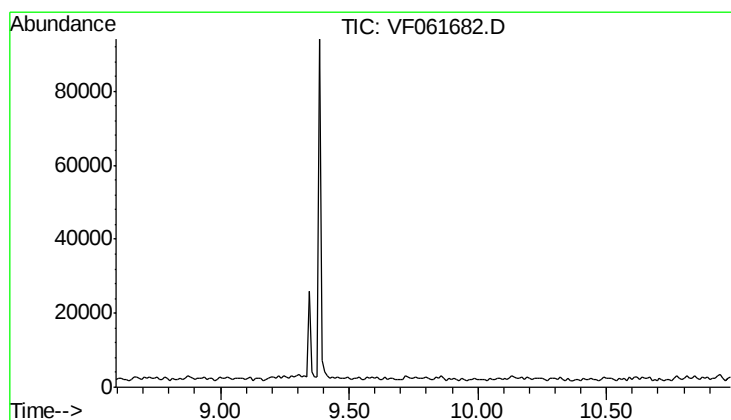
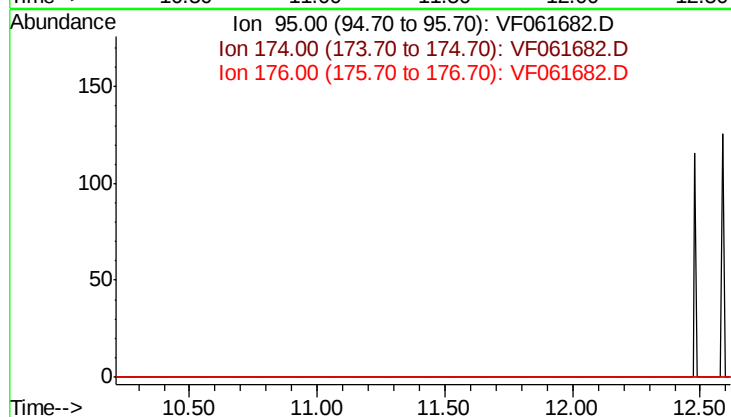
Sig	Exp Ratio
95	100
174	82.9
176	83.5

Instrument :

MSVOA_F

ClientSampleId :

TP-MH-C02



#63

Chlorobenzene-d5

Concen: 0.000 ug/l

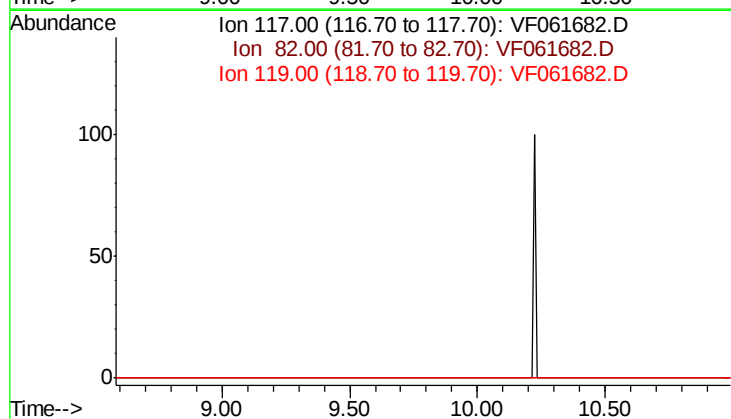
Expected RT: 9.79 min

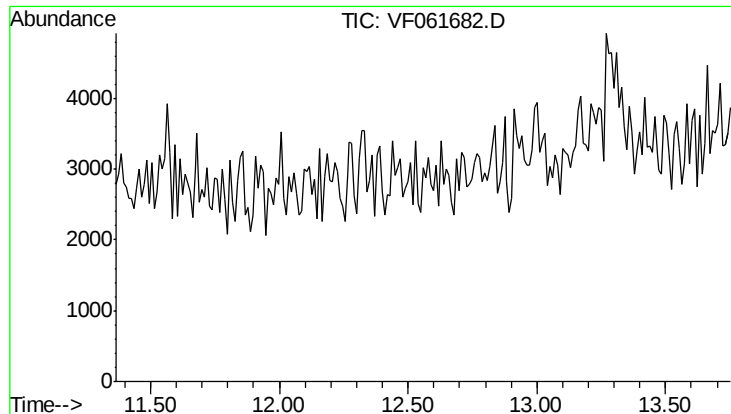
Lab File: VF061682.D

Acq: 18 Feb 2019 16:58

Tgt Ion: 117

Sig	Exp Ratio
117	100
82	49.1
119	33.3





#72
 1,4-Dichlorobenzene-d4
 Concen: 0.000 ug/l
 Expected RT: 12.56 min
 Lab File: VF061682.D
 Acq: 18 Feb 2019 16:58

Instrument :
 MSVOA_F
 ClientSampleId :
 TP-MH-C02

Tgt Ion:	152
Sig	Exp Ratio
152	100
115	48.5
150	156.0

