

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%	

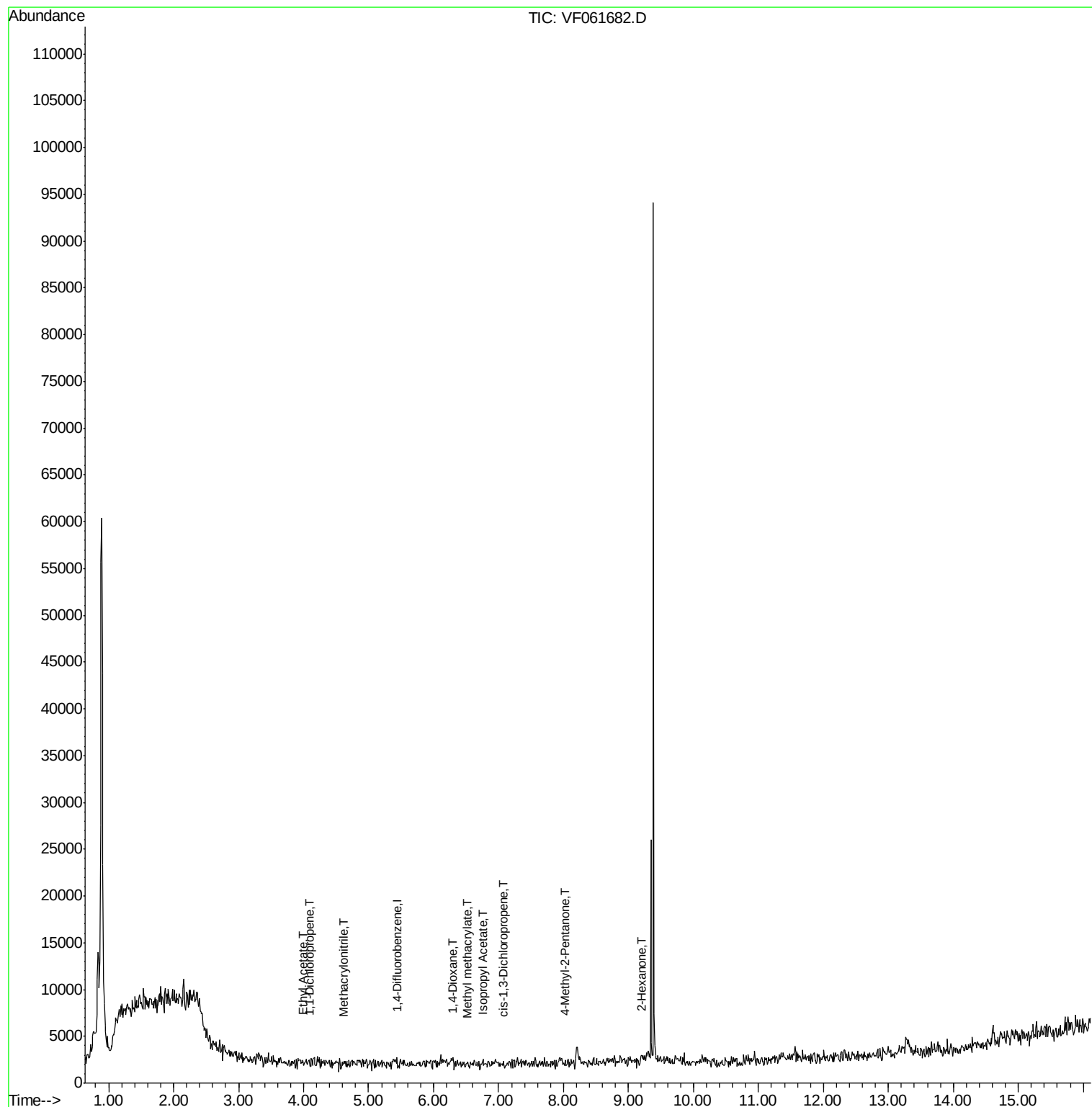
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
36) 1,1-Dichloropropene	4.09	75	61	104.369	ug/l #	37
37) Ethyl Acetate	3.99	43	61	224.702	ug/l #	30
41) Methacrylonitrile	4.62	41	401	2888.417	ug/l #	25
43) Isopropyl Acetate	6.76	43	143	445.017	ug/l #	43
48) Methyl methacrylate	6.50	41	87	449.898	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

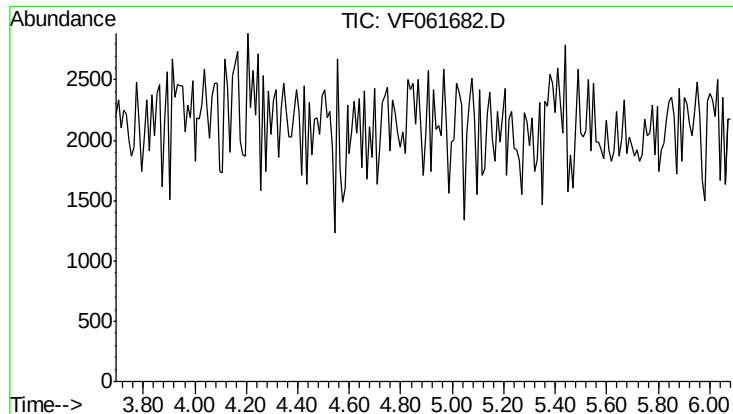
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Feb 19 01:58:21 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_F\METHODS\82F021319S.M
Quant Title : SW846 8260
QLast Update : Thu Feb 14 03:27:56 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 0.000 ug/l

Expected RT: 4.89 min

Lab File: VF061682.D

Acq: 18 Feb 2019 16:58

Tot Ion: 168

Sig Exp Ratio

168 100

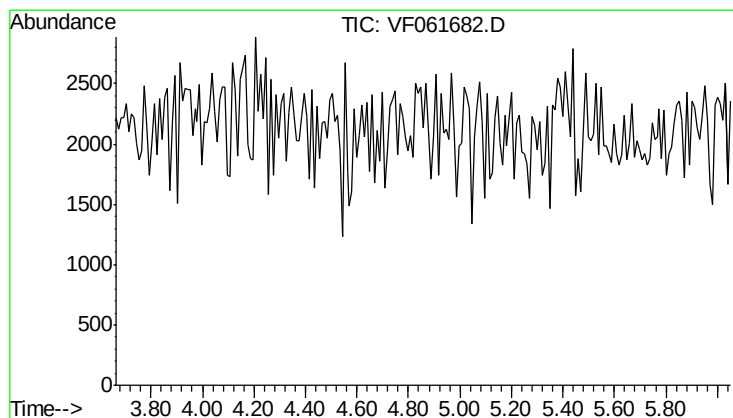
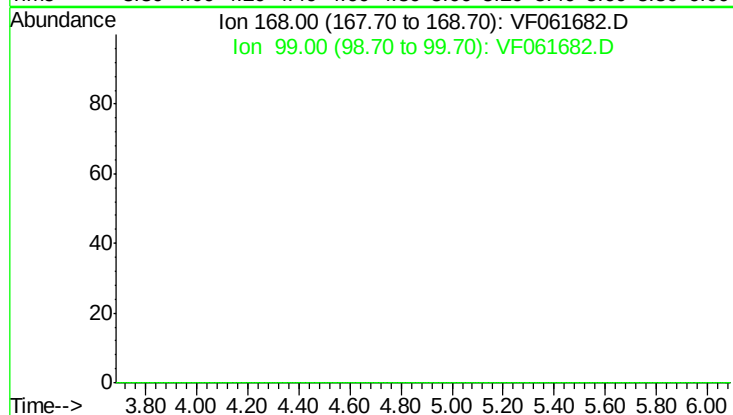
99 43.6

Instrument :

MSVOA_F

ClientSampleId :

TP-MH-C02



#33

1,2-Dichloroethane-d4

Concen: 0.000 ug/l

Expected RT: 4.86 min

Lab File: VF061682.D

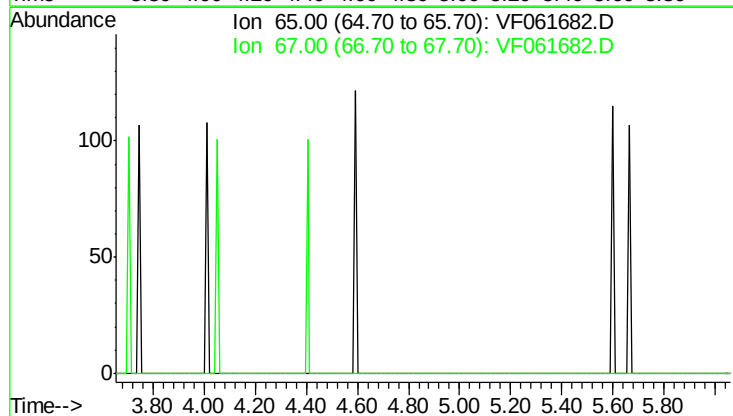
Acq: 18 Feb 2019 16:58

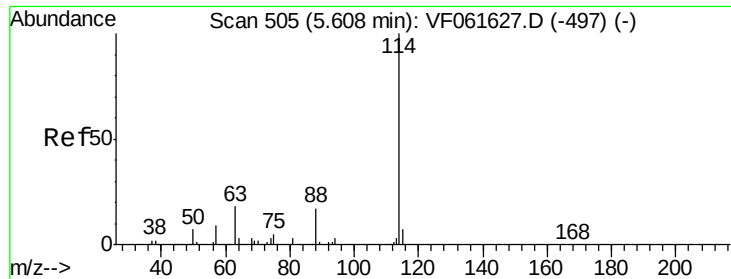
Tgt Ion: 65

Sig Exp Ratio

65 100

67 52.0

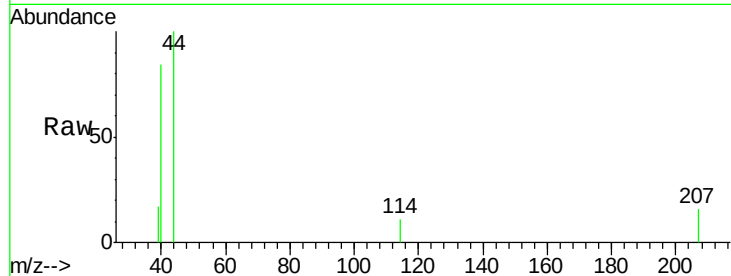




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.43 min Scan# 487
 Delta R.T. -0.18 min
 Lab File: VF061682.D
 Acq: 18 Feb 2019 16:58

Instrument :
 MSVOA_F
 ClientSampleId :
 TP-MH-C02

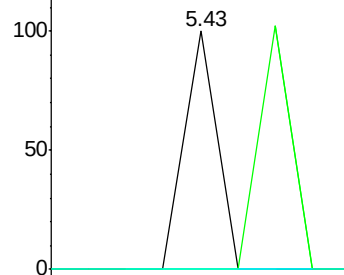
Tot Ion	Ratio	Lower	Upper
114	100		
63	0.0	0.0	36.6
88	0.0	0.0	34.4



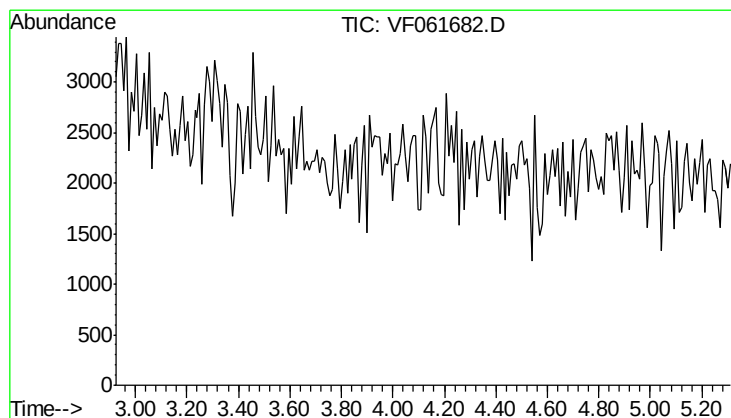
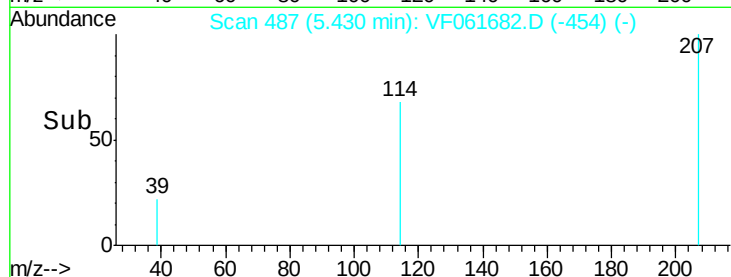
Abundance Ion 114.00 (113.70 to 114.70): V

Ion 63.00 (62.70 to 63.70): VF0

Ion 88.00 (87.70 to 88.70): VF0



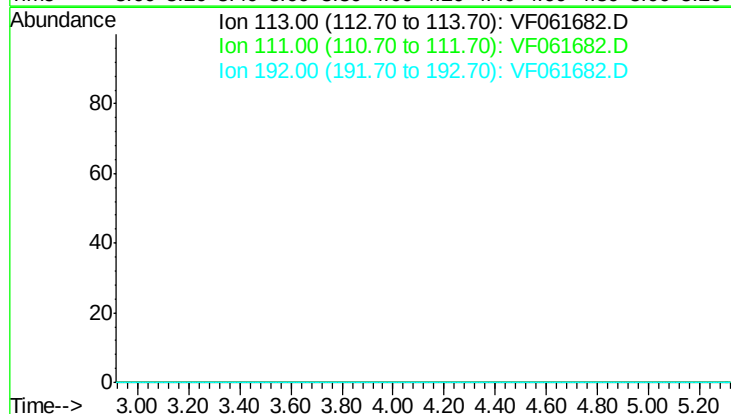
Time-->

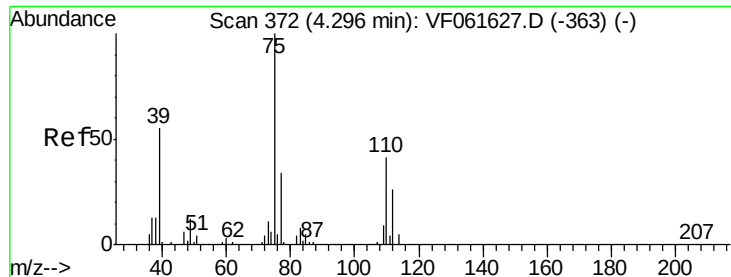


#35
 Dibromofluoromethane
 Concen: 0.000 ug/l
 Expected RT: 4.12 min

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

Tgt Ion	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

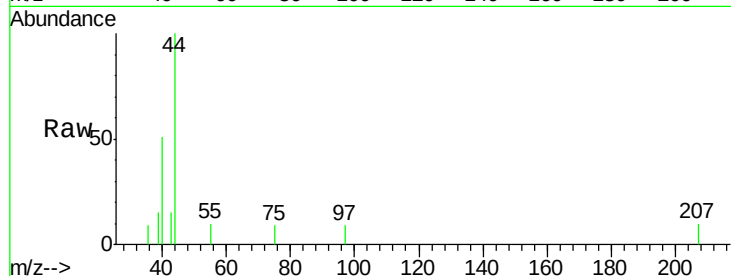
Tot Ion: 75 Resp: 61

Ion Ratio Lower Upper

75 100

110 0.0 20.5 61.6#

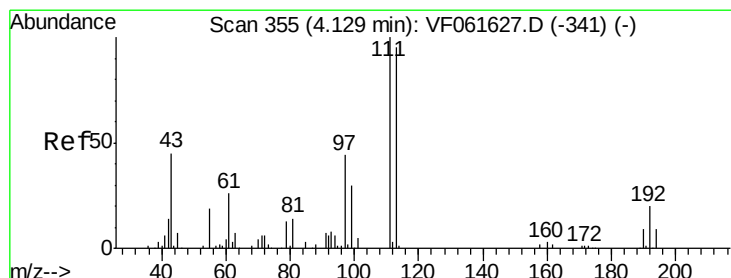
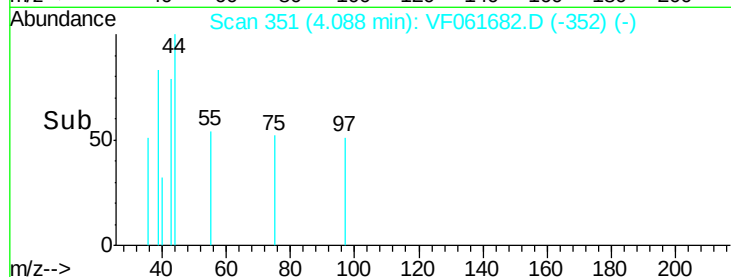
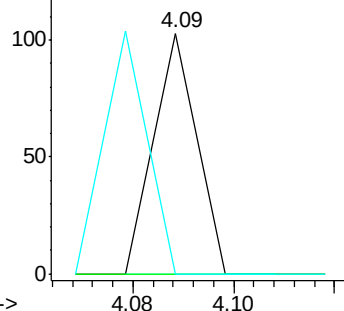
77 0.0 27.0 40.4#



Abundance Ion 75.00 (74.70 to 75.70): VF0

Ion 110.00 (109.70 to 110.70): VF0

Ion 77.00 (76.70 to 77.70): VF0



#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

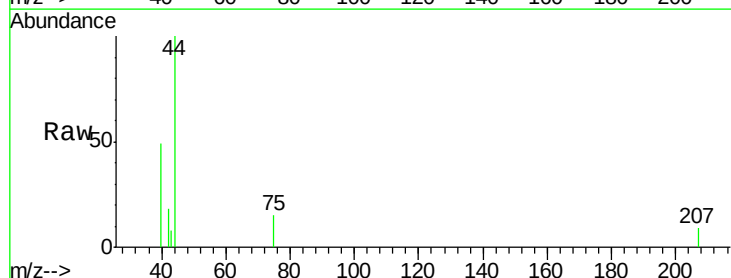
Tgt Ion: 43 Resp: 61

Ion Ratio Lower Upper

43 100

61 0.0 45.7 68.5#

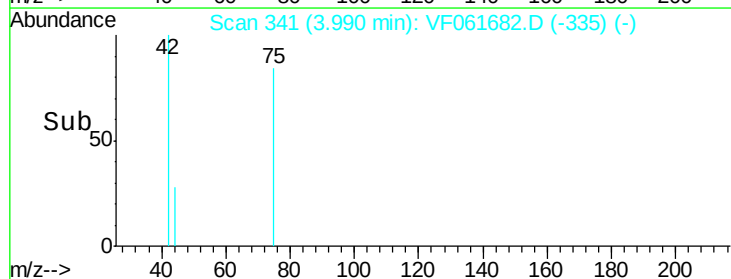
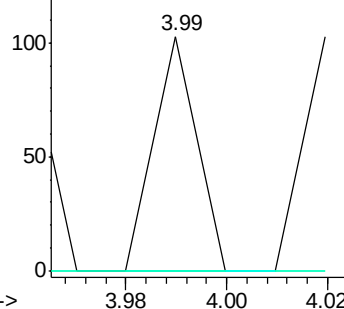
70 0.0 8.5 12.7#

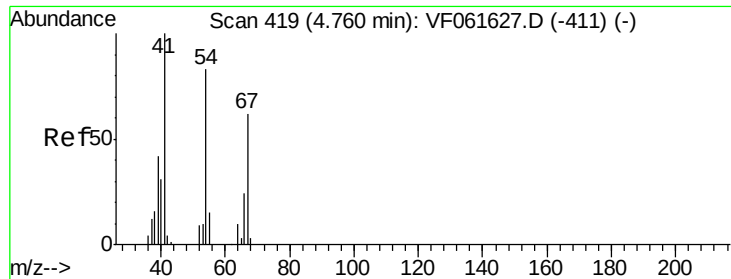


Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 61.00 (60.70 to 61.70): VF0

Ion 70.00 (69.70 to 70.70): VF0

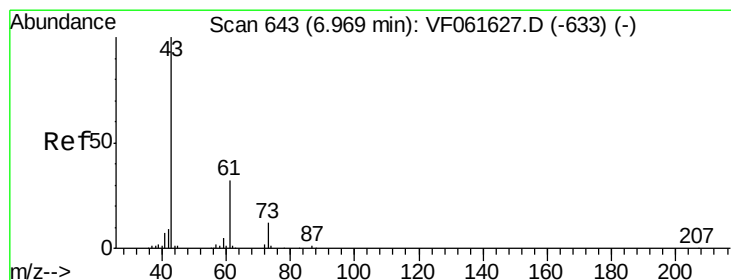
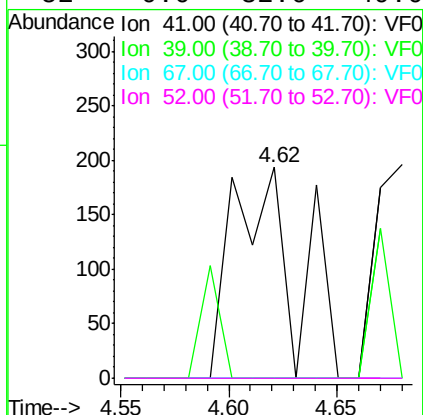
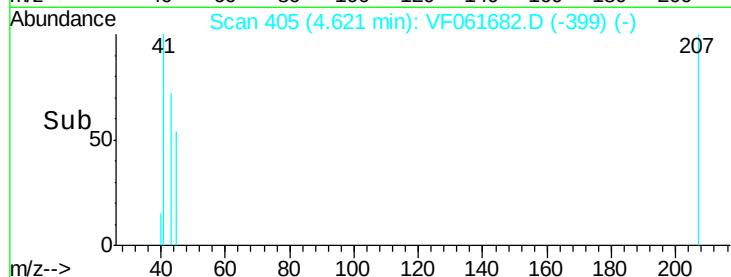
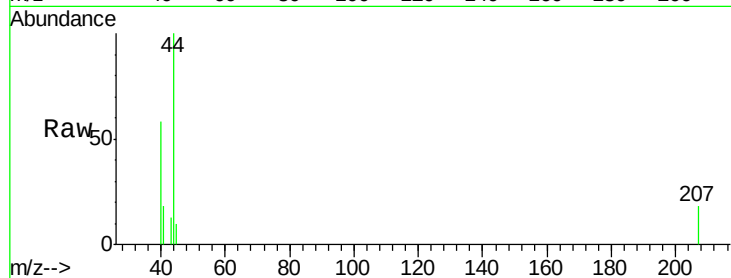




#41
Methacrylonitrile
Concen: 2888.417 ug/l
RT: 4.62 min Scan# 405
Delta R.T. -0.14 min
Lab File: VF061682.D
Acq: 18 Feb 2019 16:58

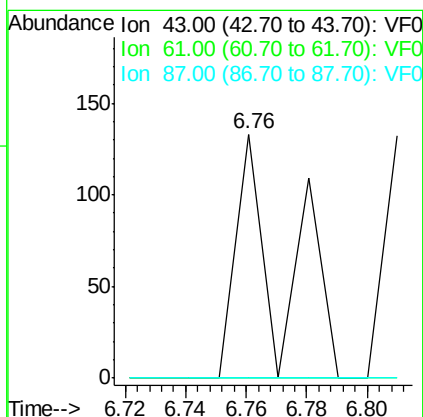
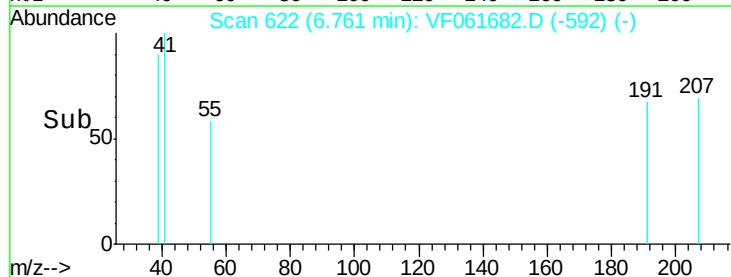
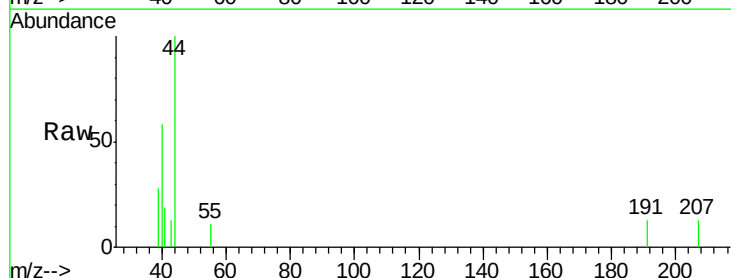
Instrument :
MSVOA_F
ClientSampleId :
TP-MH-C02

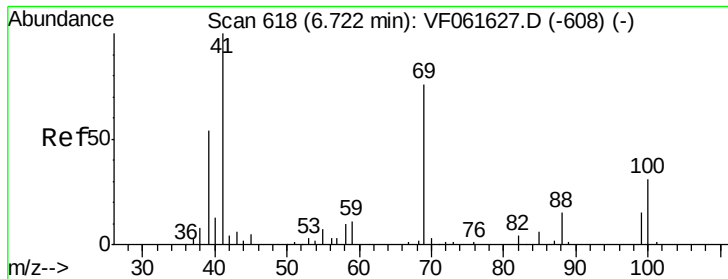
Tot Ion:	41	Resp:	401
Ion	Ratio	Lower	Upper
41	100		
39	0.0	45.3	67.9#
67	0.0	49.3	73.9#
52	0.0	32.6	49.0#



#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#

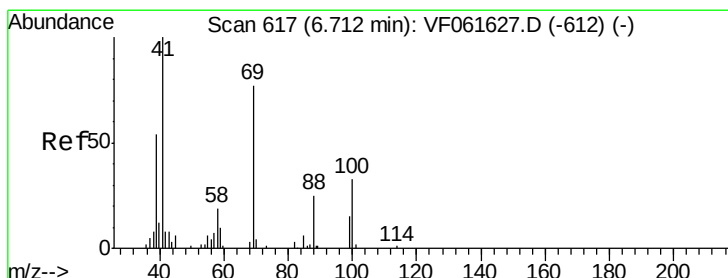
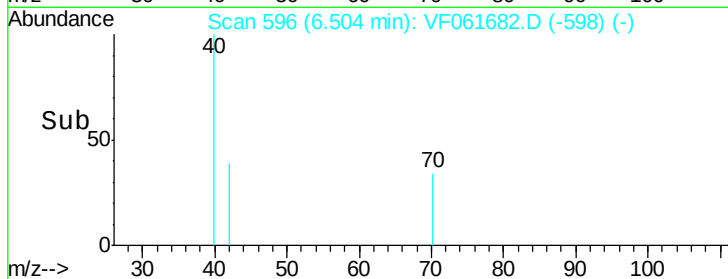
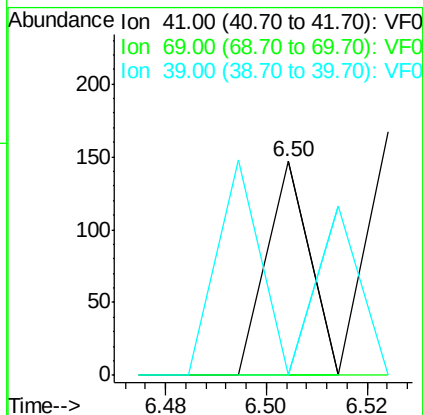
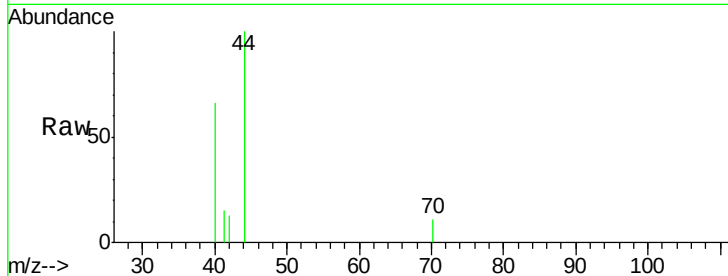




#48
Methyl methacrylate
Concen: 449.898 ug/l
RT: 6.50 min Scan# 596
Delta R.T. -0.22 min
Lab File: VF061682.D
Acq: 18 Feb 2019 16:58

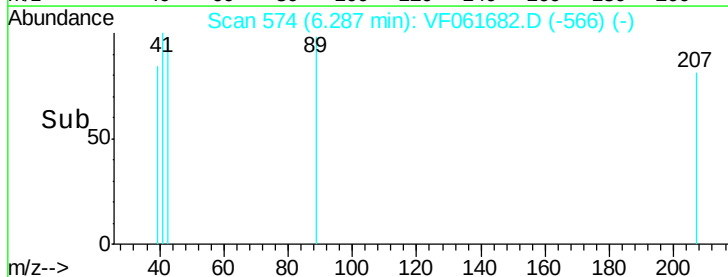
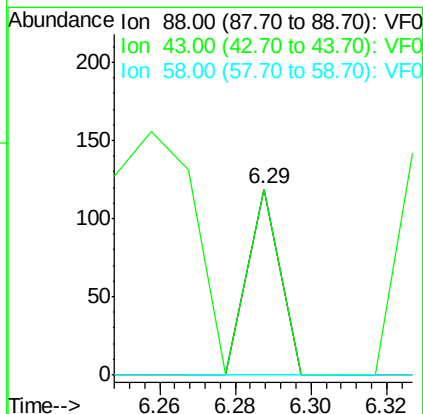
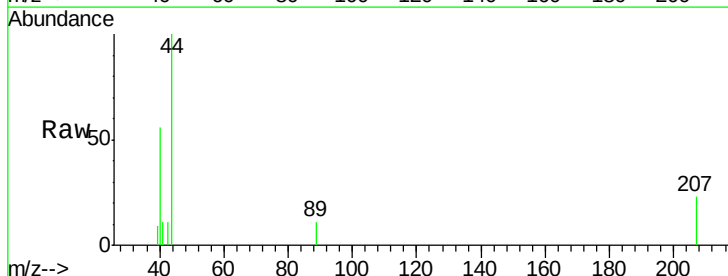
Instrument :
MSVOA_F
ClientSampleId :
TP-MH-C02

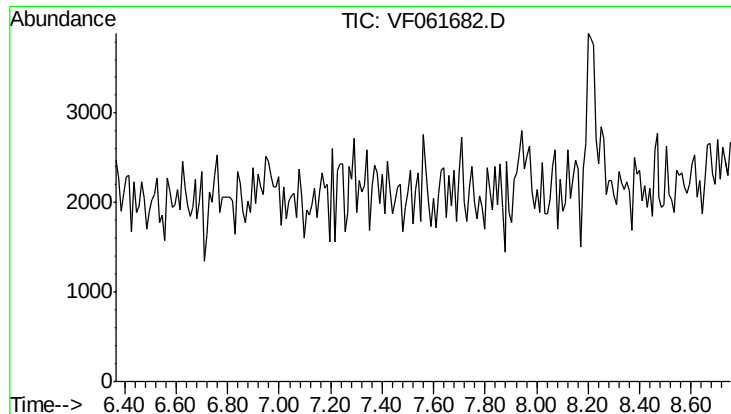
Tot Ion: 41 Resp: 87
Ion Ratio Lower Upper
41 100
69 0.0 60.4 90.6#
39 0.0 43.7 65.5#



#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#



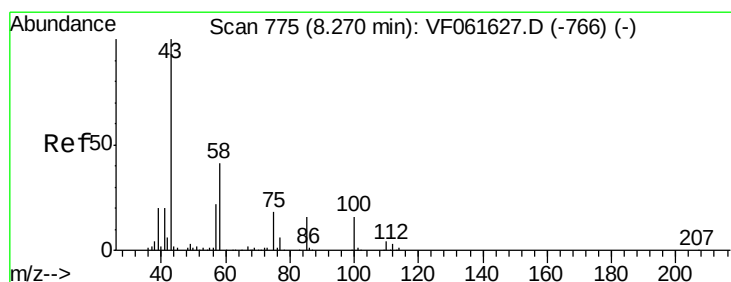
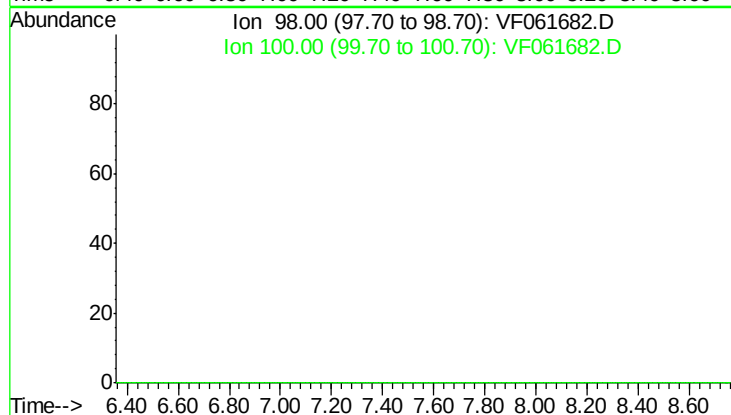


#50
Toluene-d8
Concen: 0.000 ug/l
Expected RT: 7.56 min

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

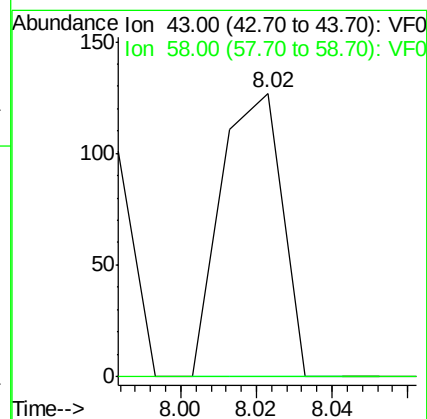
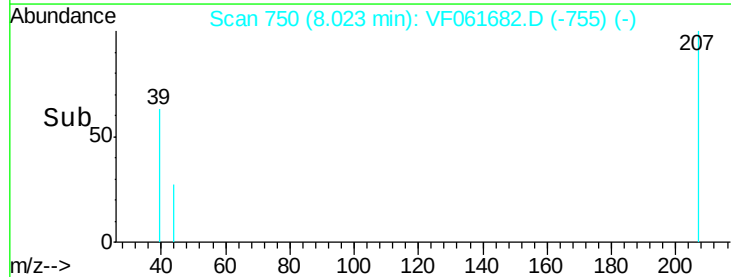
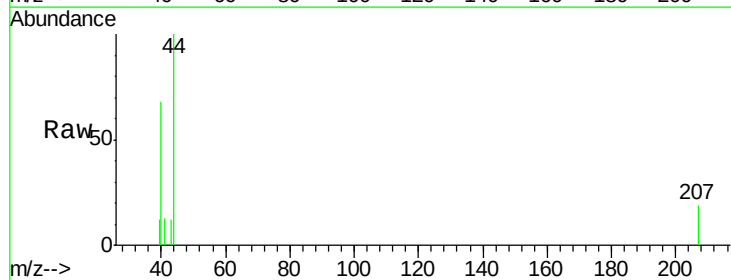
Instrument :
MSVOA_F
ClientSampleId :
TP-MH-C02

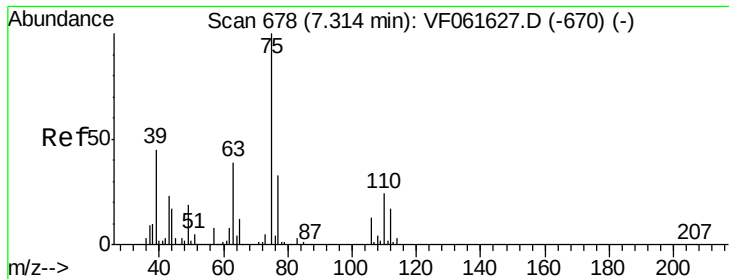
Tot Ion: 98
Sig Exp Ratio
98 100
100 69.3



#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

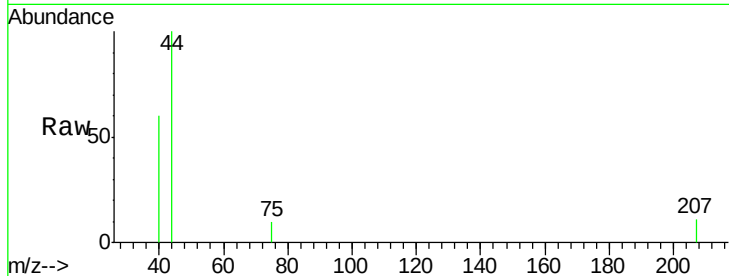
Tot Ion: 75 Resp: 62

Ion Ratio Lower Upper

75 100

77 0.0 26.4 39.6#

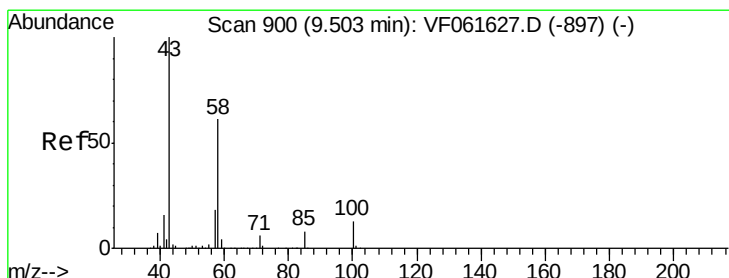
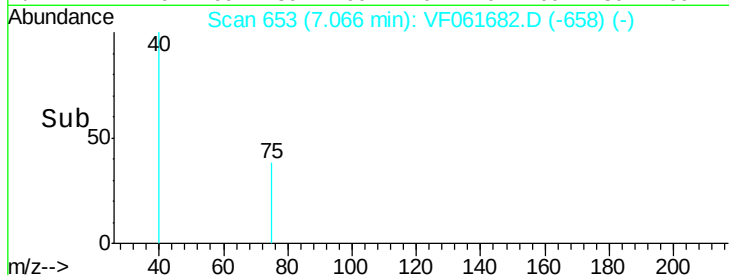
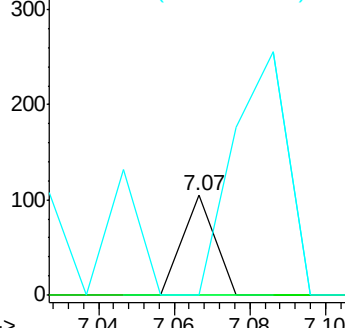
39 0.0 36.0 54.0#



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



#59

2-Hexanone

Concen: 621.323 ug/l

RT: 9.20 min Scan# 869

Delta R.T. -0.31 min

Lab File: VF061682.D

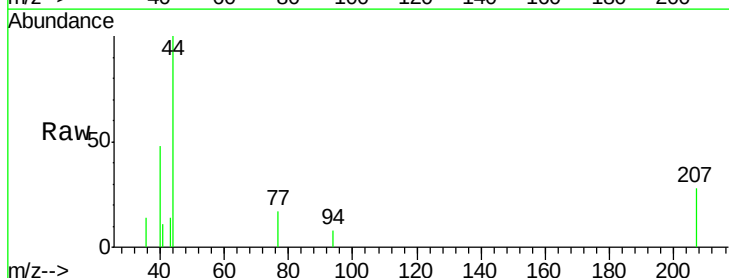
Acq: 18 Feb 2019 16:58

Tgt Ion: 43 Resp: 100

Ion Ratio Lower Upper

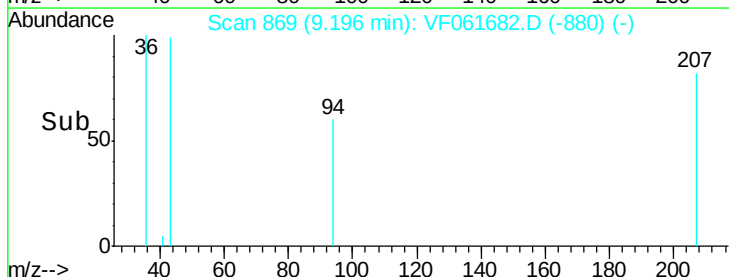
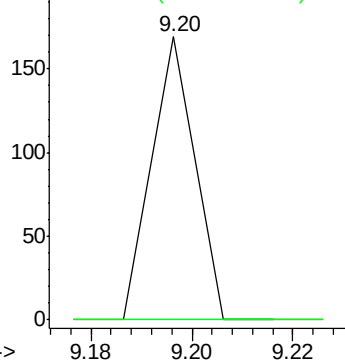
43 100

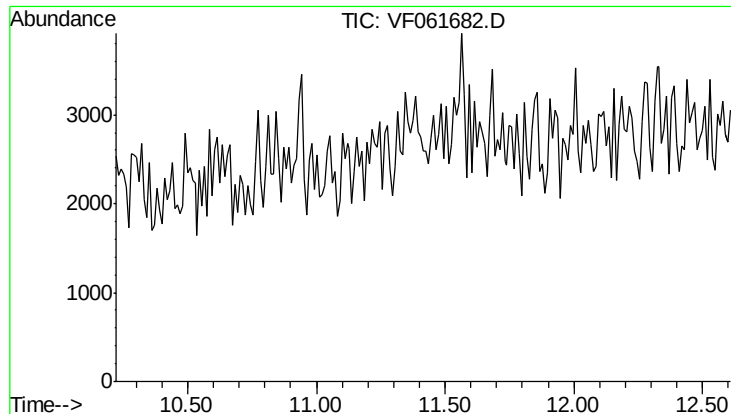
58 0.0 28.5 85.5#



Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 58.00 (57.70 to 58.70): VF0

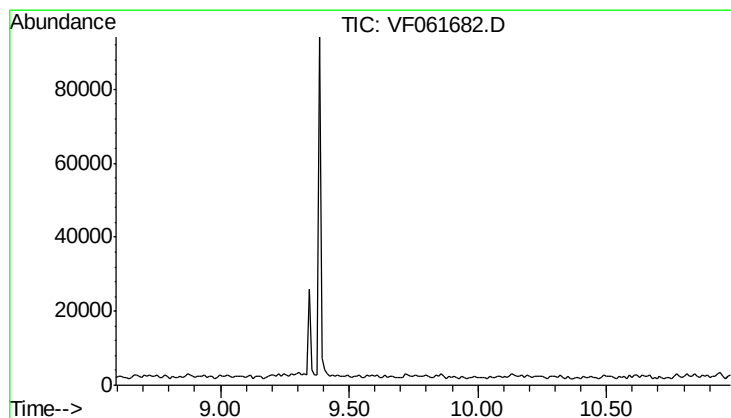
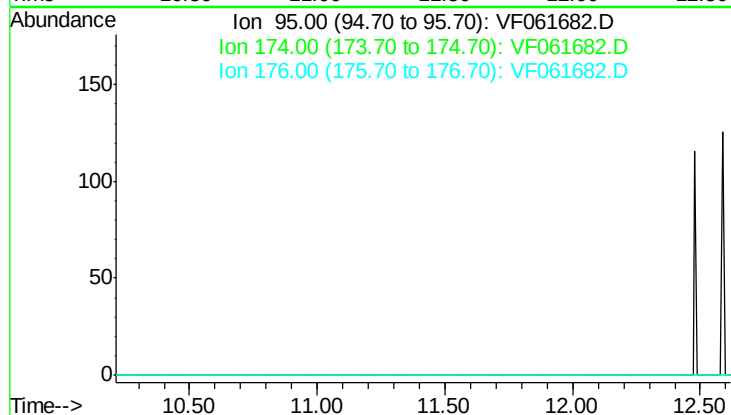




#62
 4-Bromofluorobenzene
 Concen: 0.000 ug/l
 Expected RT: 11.42 min
 Lab File: VF061682.D
 Acq: 18 Feb 2019 16:58

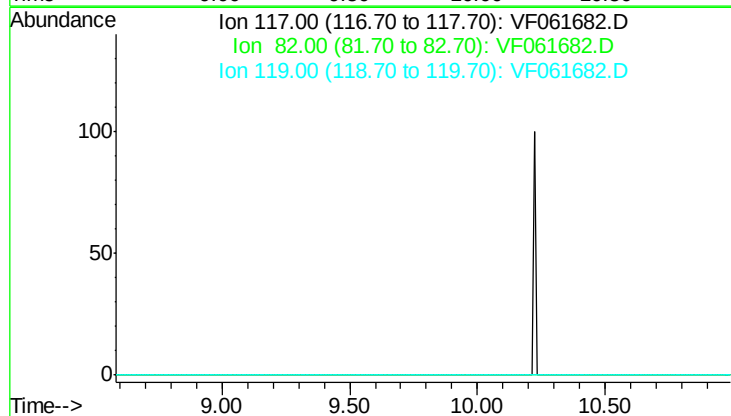
Instrument :
 MSVOA_F
 ClientSampleId :
 TP-MH-C02

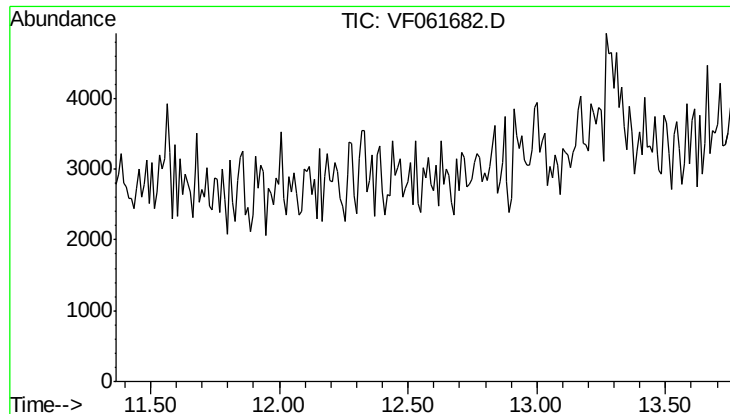
Tot Ion	95
Sig	Exp Ratio
95	100
174	82.9
176	83.5



#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

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

