

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF011019\
 Data File : VF061347.D
 Acq On : 10 Jan 2019 16:45
 Operator : VA/AP
 Sample : K1006-17
 Misc : 6.81g/5mL/MSVOA-F/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Quant Time: Jan 11 00:31:43 2019
 Quant Method : Z:\HPCHEM1\MSVOA_F\METHODS\82F010819S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jan 09 07:13:51 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	-4.87
34) 1,4-Difluorobenzene	5.44	114	69	50.00	ug/l	-0.16
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

33) 1,2-Dichloroethane-d4	4.89	65	59	0.00	ug/l	0.03
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%	

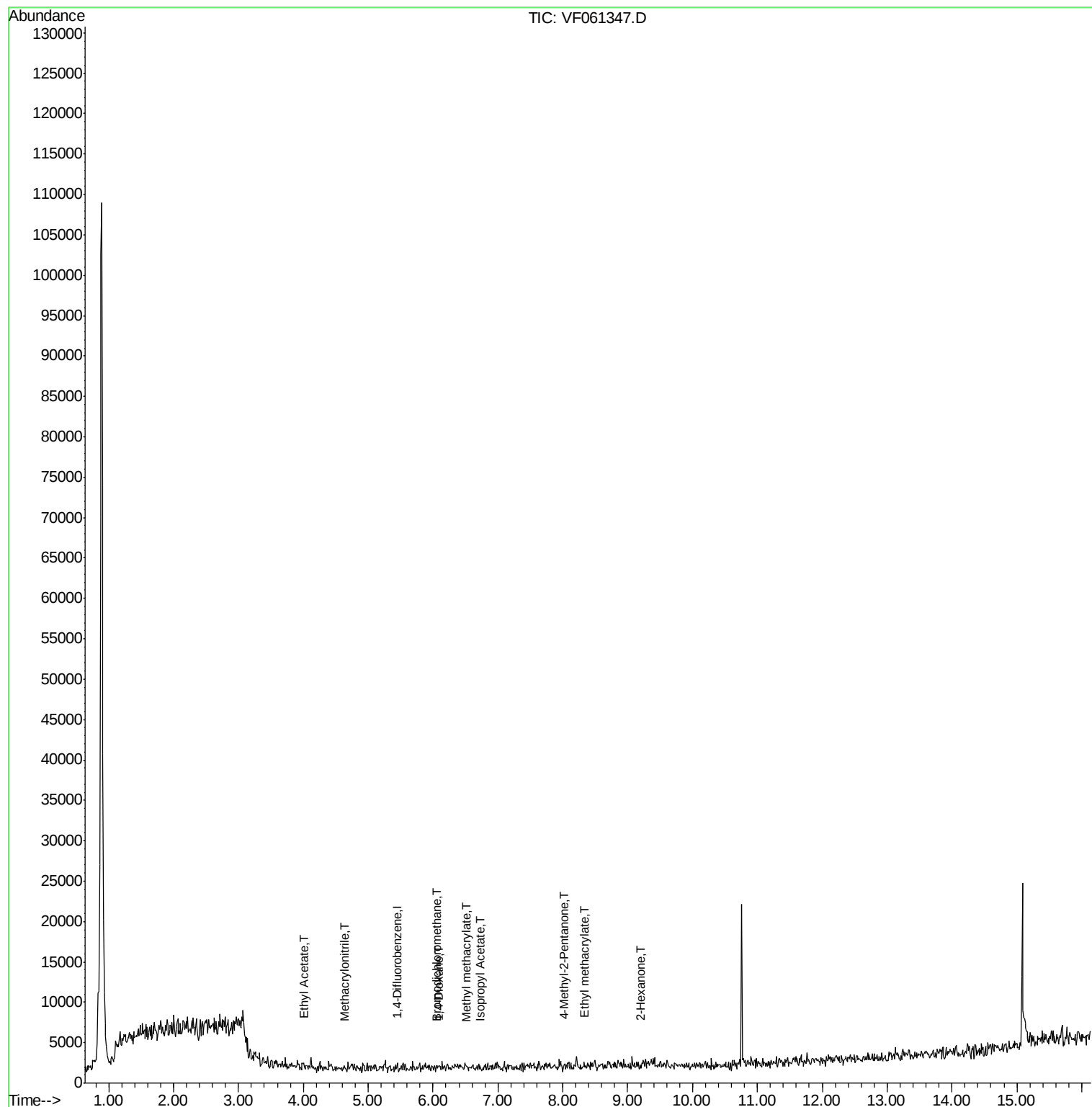
Target Compounds

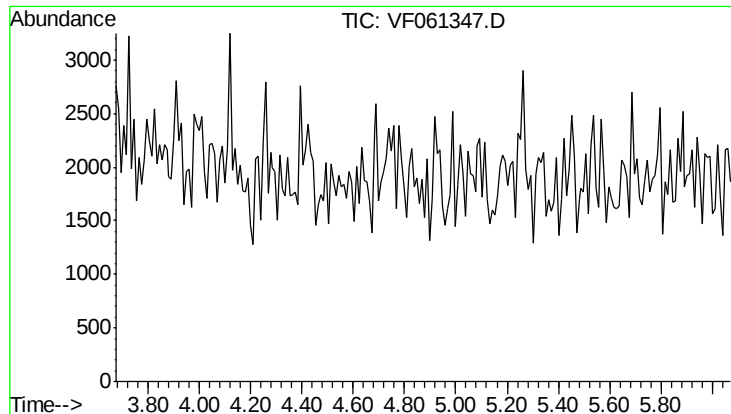
					Qvalue	
37) Ethyl Acetate	4.00	43	405	1380.252	ug/l #	1
41) Methacrylonitrile	4.62	41	91	555.356	ug/l #	24
43) Isopropyl Acetate	6.72	43	152	392.369	ug/l #	45
47) Bromodichloromethane	6.07	83	61	83.507	ug/l #	25
48) Methyl methacrylate	6.53	41	73	290.314	ug/l #	21
49) 1,4-Dioxane	6.09	88	91	57354.250	ug/l #	20
51) 4-Methyl-2-Pentanone	8.01	43	146	499.314	ug/l #	38
56) Ethyl methacrylate	8.32	69	83	219.490	ug/l #	20
59) 2-Hexanone	9.20	43	191	922.028	ug/l #	27

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

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Quant Title : SW846 8260
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#1

Pentafluorobenzene

Concen: 0.000 ug/l

Expected RT: 4.87 min

Lab File: VF061347.D

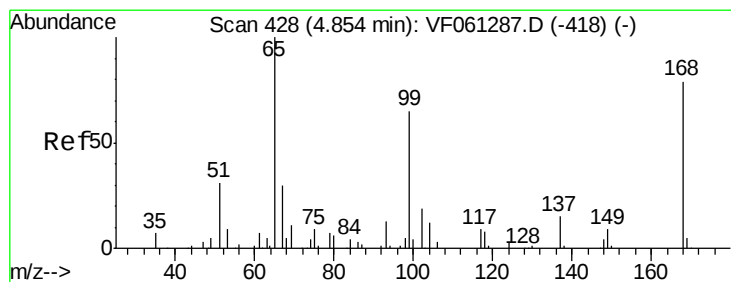
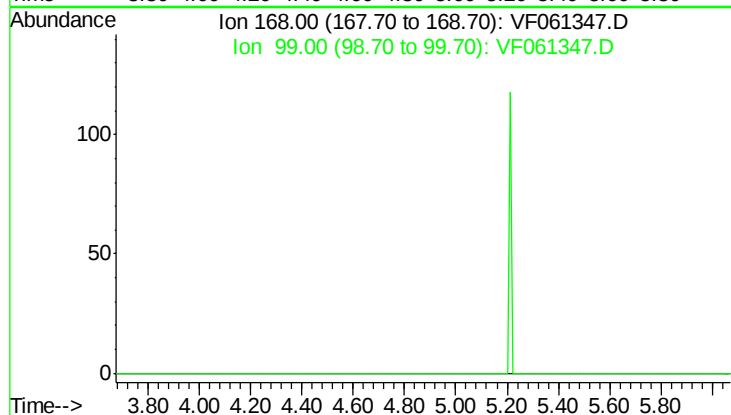
Acq: 10 Jan 2019 16:45

Tot Ion: 168

Sig Exp Ratio

168 100

99 65.9



#33

1,2-Dichloroethane-d4

Concen: 0.000 ug/l

RT: 4.89 min Scan# 432

Delta R.T. 0.03 min

Lab File: VF061347.D

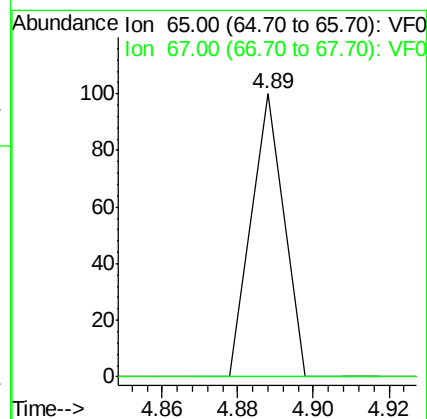
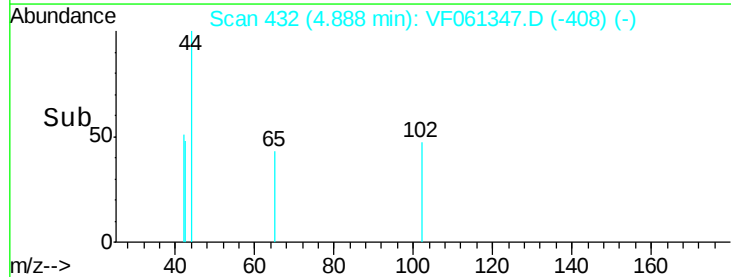
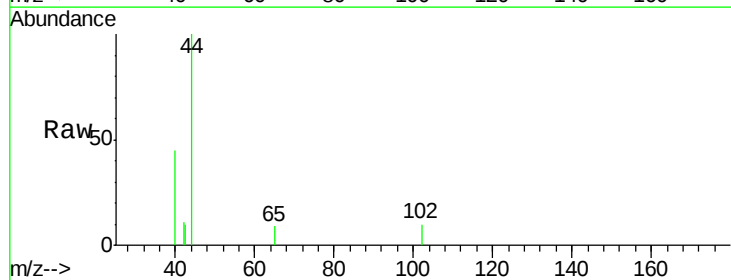
Acq: 10 Jan 2019 16:45

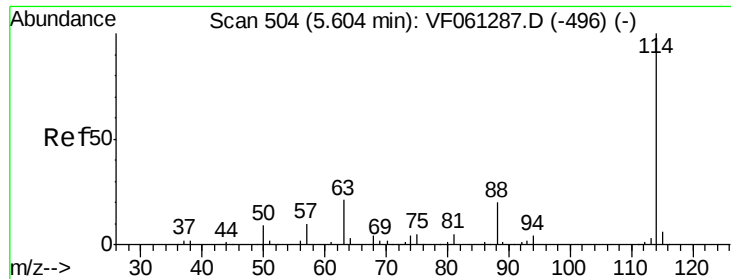
Tgt Ion: 65 Resp: 59

Ion Ratio Lower Upper

65 100

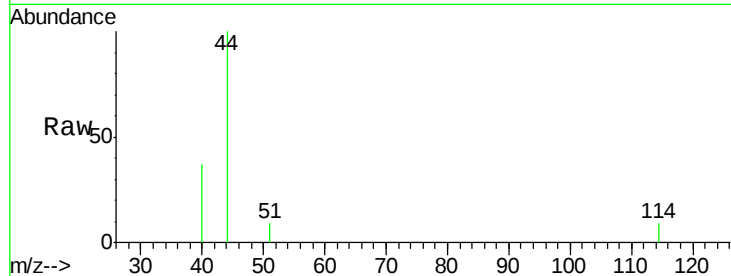
67 0.0 0.0 98.2





#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.44 min Scan# 488
 Delta R.T. -0.16 min
 Lab File: VF061347.D
 Acq: 10 Jan 2019 16:45

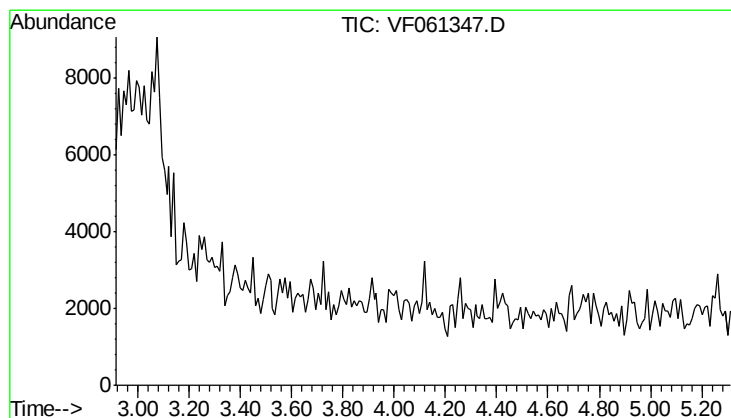
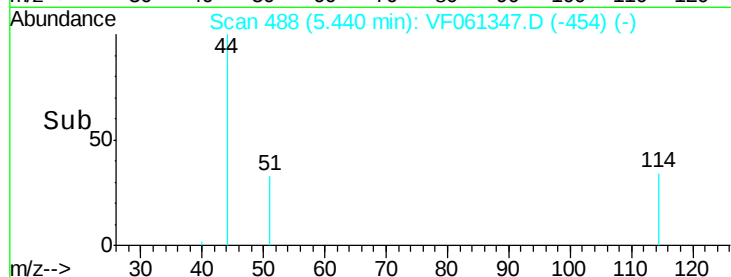
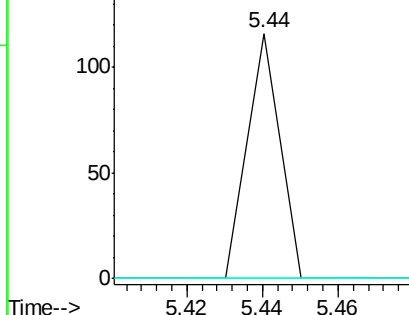
Tot Ion	Ion	Ratio	Lower	Upper
114	100			
63	0.0	0.0	42.8	
88	0.0	0.0	40.0	



Abundance Ion 114.00 (113.70 to 114.70): V

Ion 63.00 (62.70 to 63.70): VF0

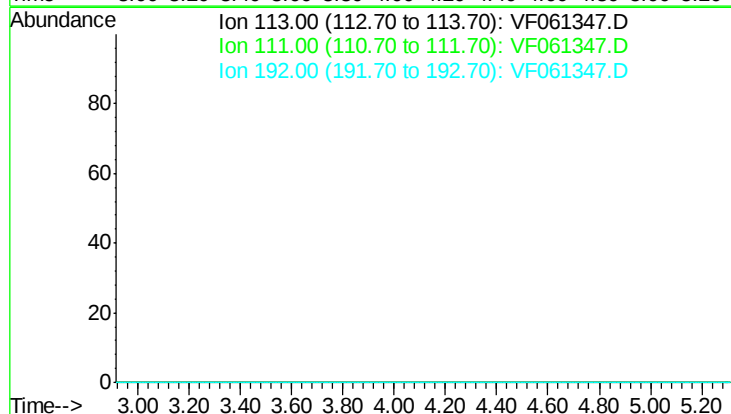
Ion 88.00 (87.70 to 88.70): VF0

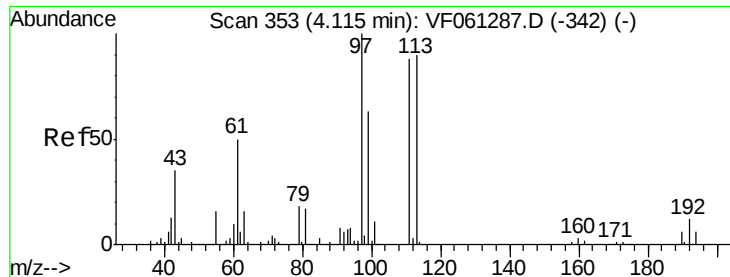


#35
 Dibromofluoromethane
 Concen: 0.000 ug/l
 Expected RT: 4.11 min

Lab File: VF061347.D
 Acq: 10 Jan 2019 16:45

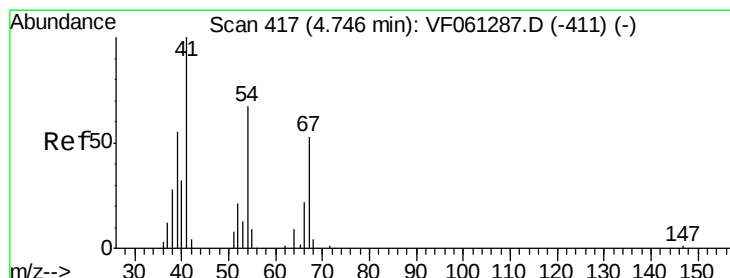
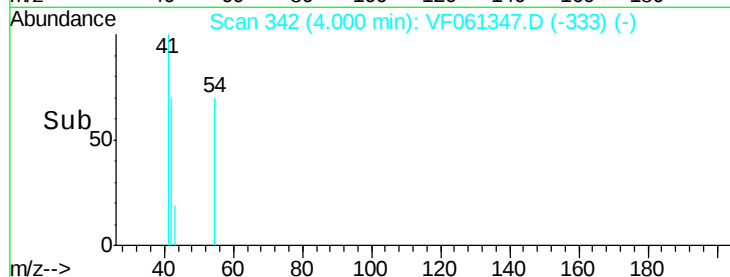
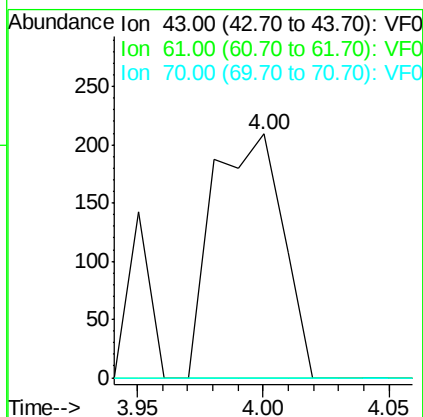
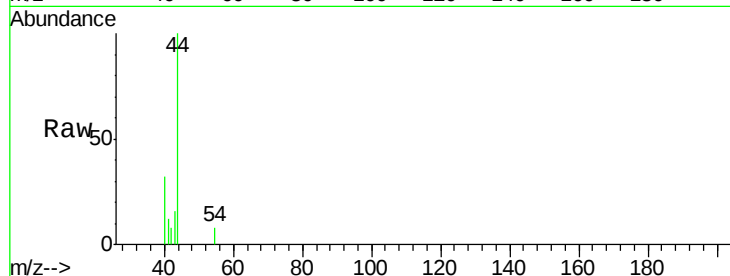
Tgt Ion	Sig	Exp Ratio
113	100	
111	97.5	
192	13.3	





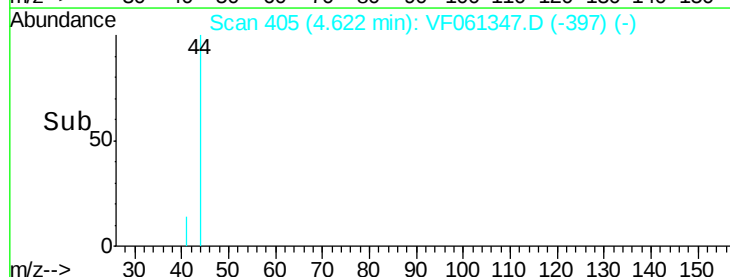
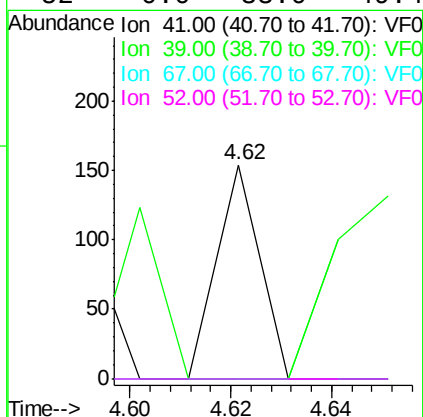
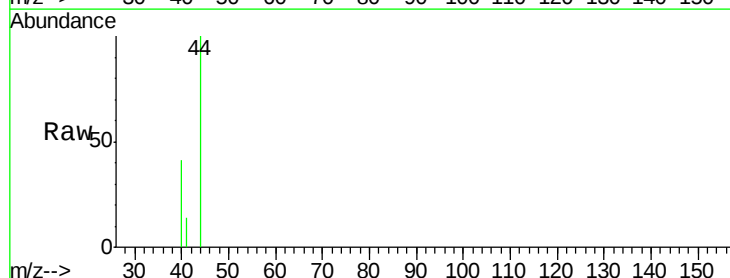
#37
Ethyl Acetate
Concen: 1380.252 ug/l
RT: 4.00 min Scan# 342
Delta R.T. -0.11 min
Lab File: VF061347.D
Acq: 10 Jan 2019 16:45

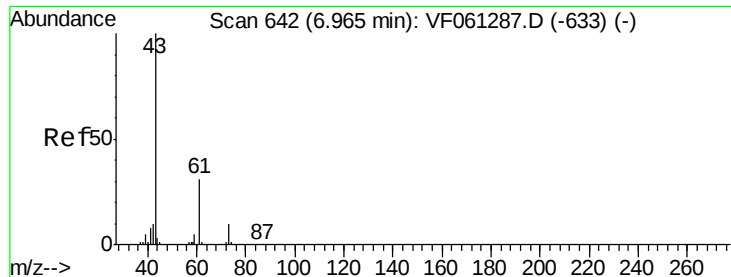
Tot Ion: 43 Resp: 405
Ion Ratio Lower Upper
43 100
61 0.0 113.3 169.9#
70 0.0 9.4 14.0#



#41
Methacrylonitrile
Concen: 555.356 ug/l
RT: 4.62 min Scan# 405
Delta R.T. -0.12 min
Lab File: VF061347.D
Acq: 10 Jan 2019 16:45

Tgt Ion: 41 Resp: 91
Ion Ratio Lower Upper
41 100
39 0.0 52.7 79.1#
67 0.0 41.4 62.2#
52 0.0 33.0 49.4#

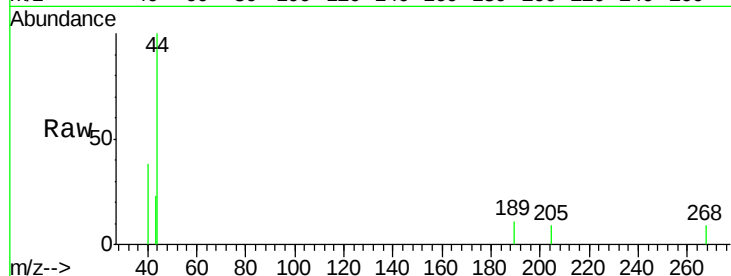




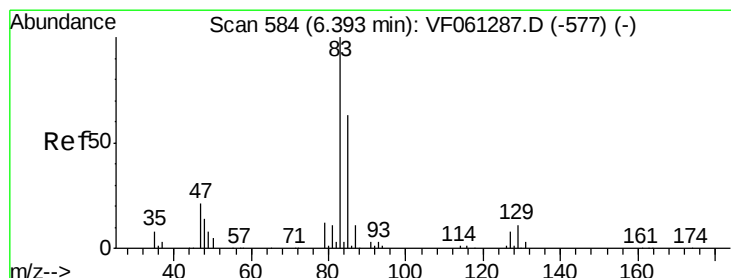
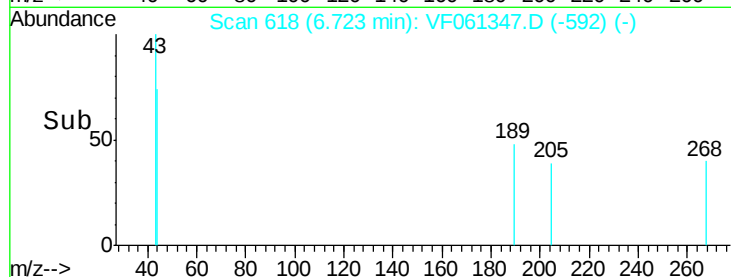
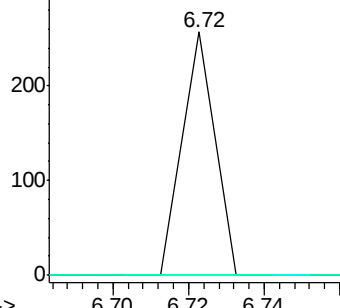
#43

Isopropyl Acetate
 Concen: 392.369 ug/l
 RT: 6.72 min Scan# 618
 Delta R.T. -0.24 min
 Lab File: VF061347.D
 Acq: 10 Jan 2019 16:45

Tot Ion	Ratio	Lower	Upper
43	100		
61	0.0	24.3	36.5#
87	0.0	0.2	0.4#



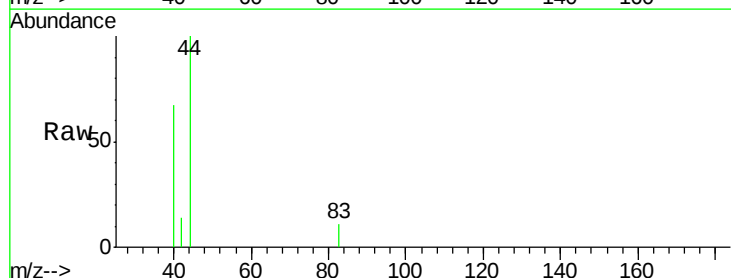
Abundance Ion 43.00 (42.70 to 43.70): VF0
 Ion 61.00 (60.70 to 61.70): VF0
 Ion 87.00 (86.70 to 87.70): VF0



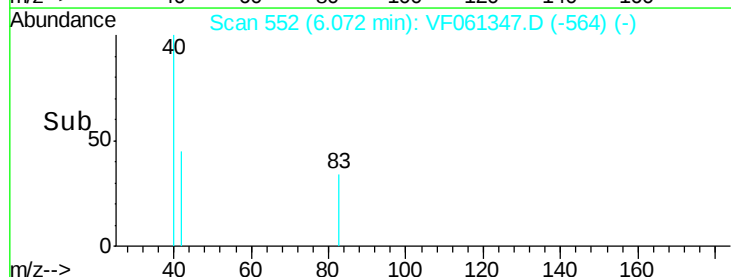
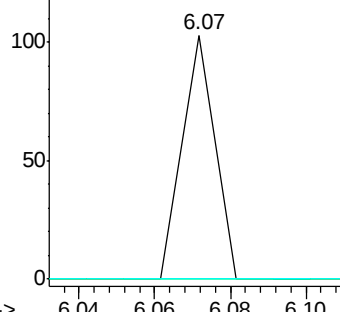
#47

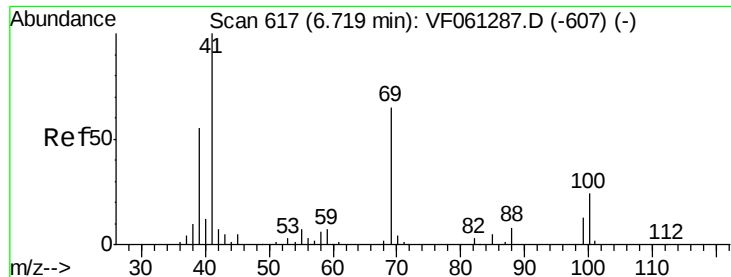
Bromodichloromethane
 Concen: 83.507 ug/l
 RT: 6.07 min Scan# 552
 Delta R.T. -0.32 min
 Lab File: VF061347.D
 Acq: 10 Jan 2019 16:45

Tgt Ion	Ratio	Lower	Upper
83	100		
85	0.0	50.4	75.6#
127	0.0	6.4	9.6#



Abundance Ion 83.00 (82.70 to 83.70): VF0
 Ion 85.00 (84.70 to 85.70): VF0
 Ion 127.00 (126.70 to 127.70): V





#48

Methyl methacrylate

Concen: 290.314 ug/l

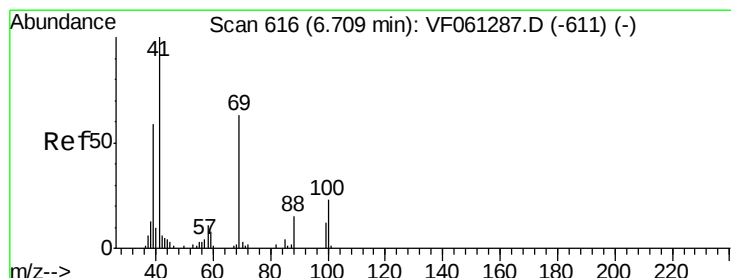
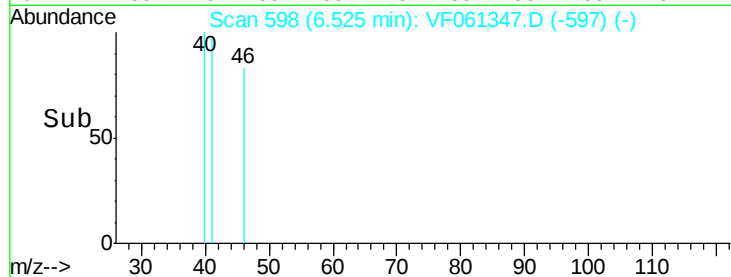
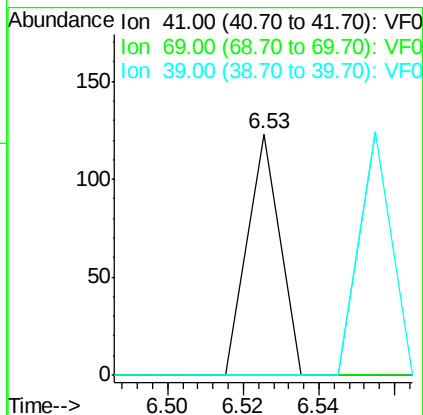
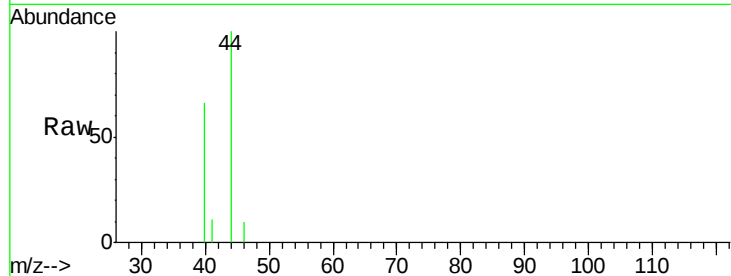
RT: 6.53 min Scan# 598

Delta R.T. -0.19 min

Lab File: VF061347.D

Acq: 10 Jan 2019 16:45

Tot Ion:	41	Resp:	73
Ion	Ratio	Lower	Upper
41	100		
69	0.0	51.5	77.3#
39	0.0	44.1	66.1#



#49

1,4-Dioxane

Concen: 57354.250 ug/l

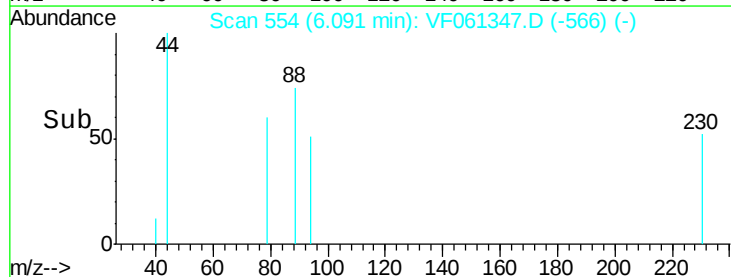
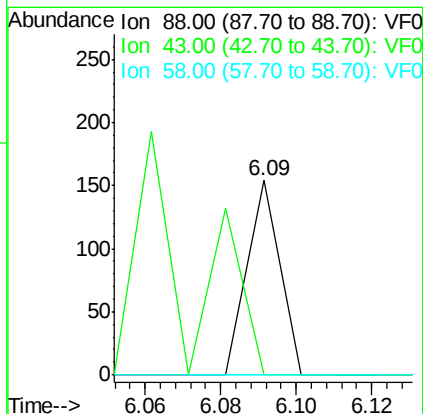
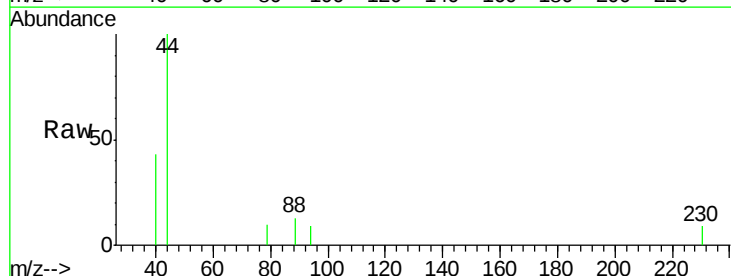
RT: 6.09 min Scan# 554

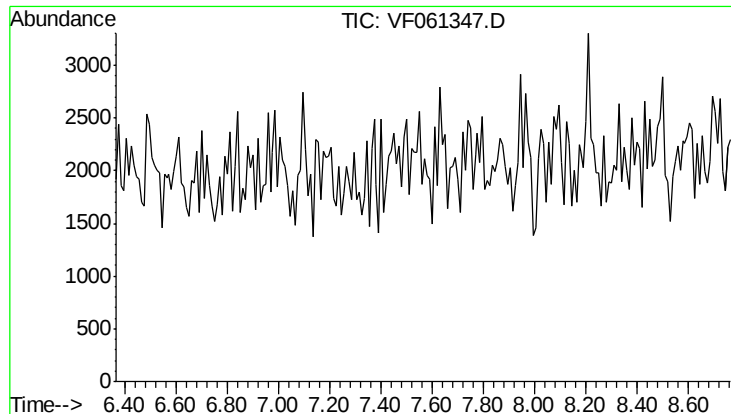
Delta R.T. -0.62 min

Lab File: VF061347.D

Acq: 10 Jan 2019 16:45

Tgt Ion:	88	Resp:	91
Ion	Ratio	Lower	Upper
88	100		
43	0.0	38.5	57.7#
58	0.0	57.0	85.4#

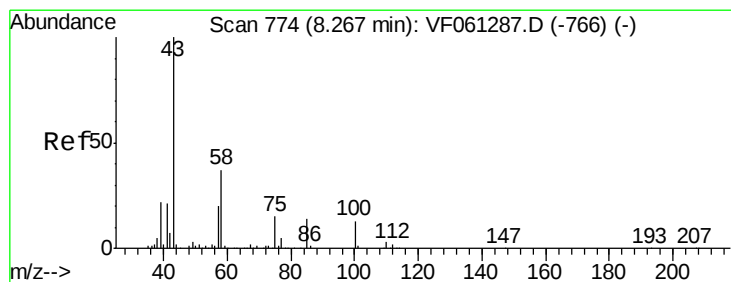
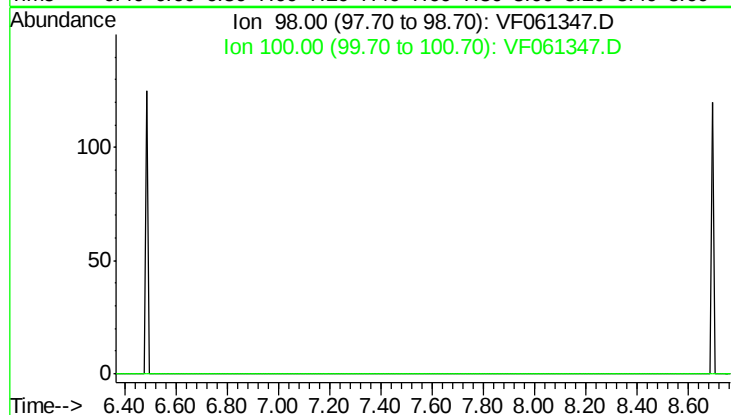




#50
Toluene-d8
Concen: 0.000 ug/l
Expected RT: 7.57 min

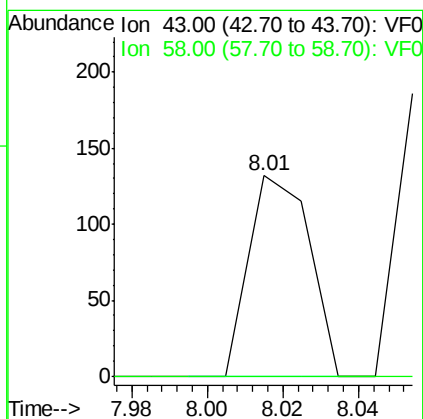
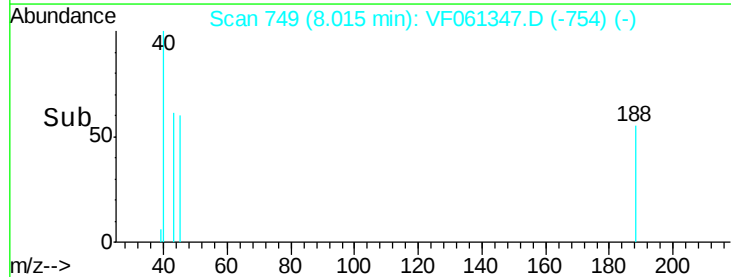
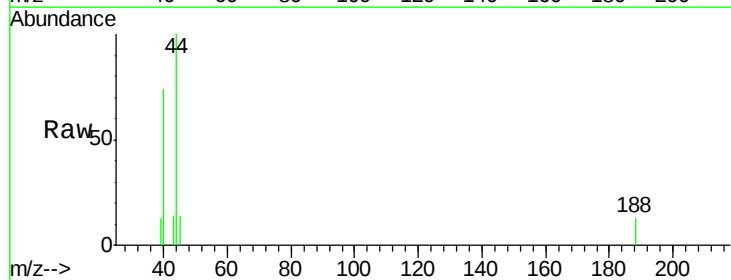
Lab File: VF061347.D
Acq: 10 Jan 2019 16:45

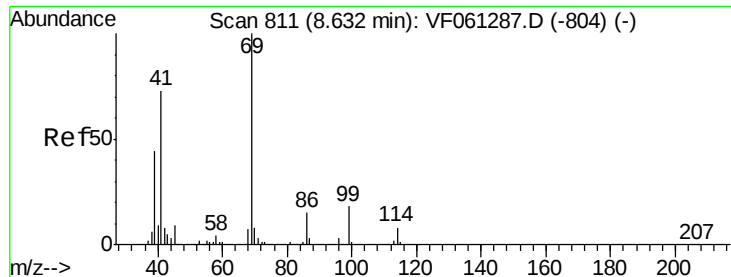
Tot Ion: 98
Sig Exp Ratio
98 100
100 69.5



#51
4-Methyl-2-Pentanone
Concen: 499.314 ug/l
RT: 8.01 min Scan# 749
Delta R.T. -0.25 min
Lab File: VF061347.D
Acq: 10 Jan 2019 16:45

Tgt Ion: 43 Resp: 146
Ion Ratio Lower Upper
43 100
58 0.0 29.6 44.4#





#56

Ethyl methacrylate

Concen: 219.490 ug/l

RT: 8.32 min Scan# 780

Delta R.T. -0.31 min

Lab File: VF061347.D

Acq: 10 Jan 2019 16:45

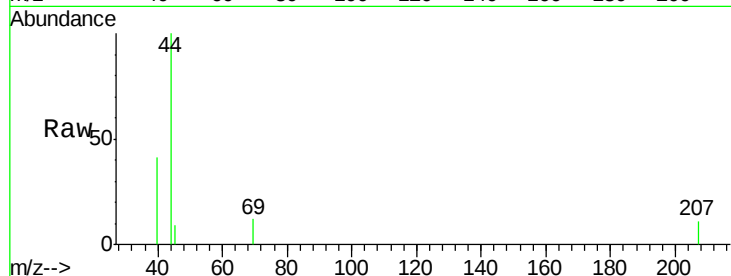
Tot Ion: 69 Resp: 83

Ion Ratio Lower Upper

69 100

41 0.0 59.0 88.4#

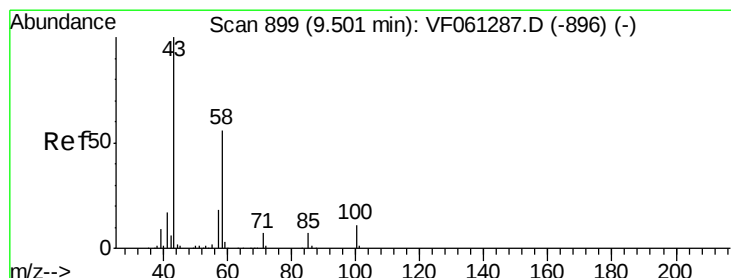
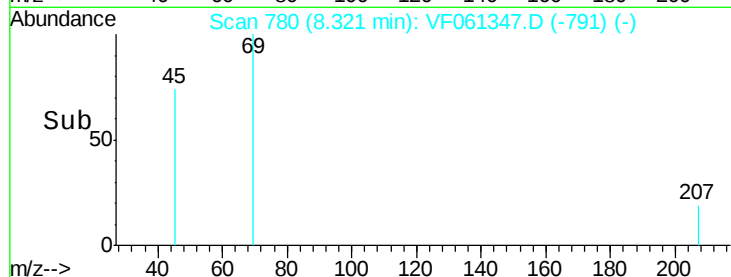
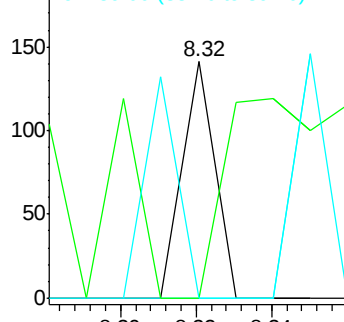
39 0.0 35.3 52.9#



Abundance Ion 69.00 (68.70 to 69.70): VF0

Ion 41.00 (40.70 to 41.70): VF0

Ion 39.00 (38.70 to 39.70): VF0



#59

2-Hexanone

Concen: 922.028 ug/l

RT: 9.20 min Scan# 869

Delta R.T. -0.30 min

Lab File: VF061347.D

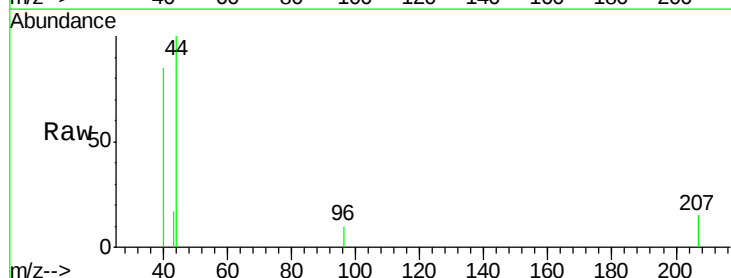
Acq: 10 Jan 2019 16:45

Tgt Ion: 43 Resp: 191

Ion Ratio Lower Upper

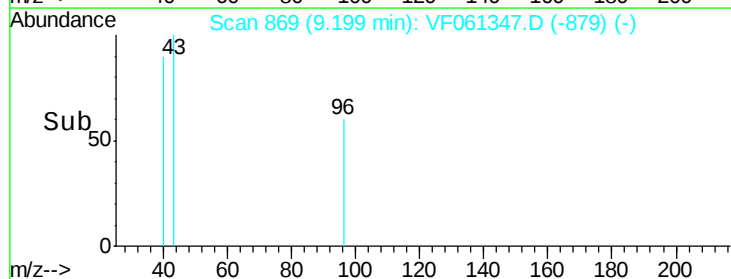
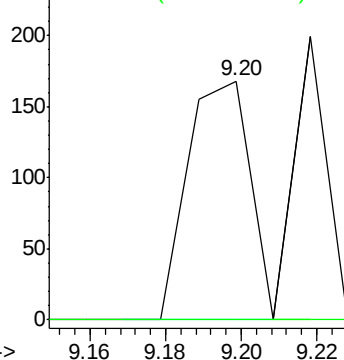
43 100

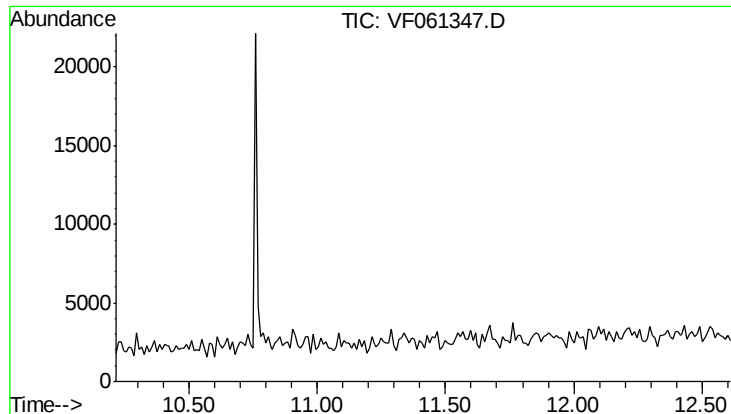
58 0.0 25.6 76.8#



Abundance Ion 43.00 (42.70 to 43.70): VF0

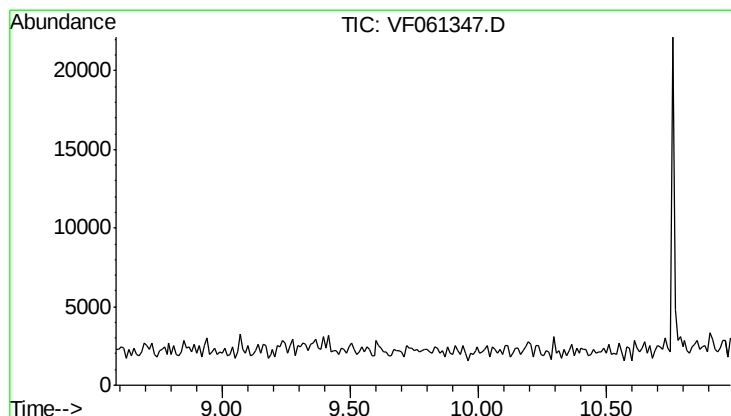
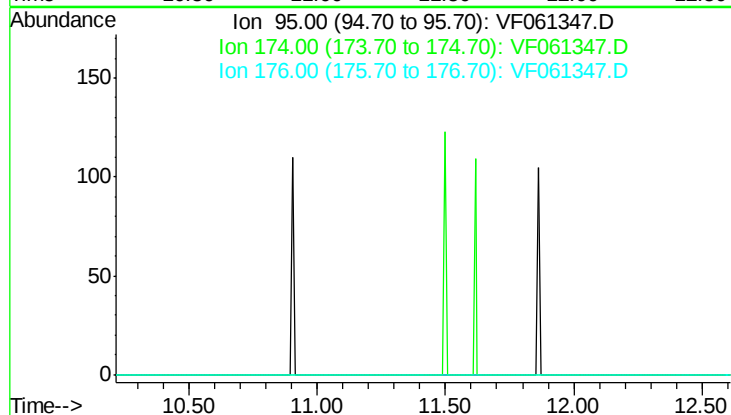
Ion 58.00 (57.70 to 58.70): VF0





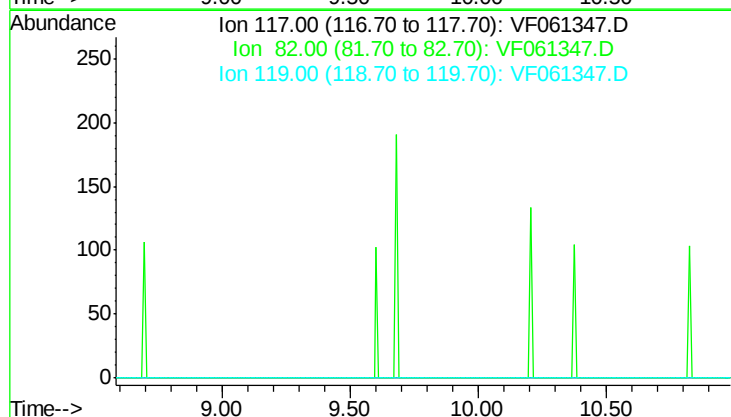
#62
 4-Bromofluorobenzene
 Concen: 0.000 ug/l
 Expected RT: 11.41 min
 Lab File: VF061347.D
 Acq: 10 Jan 2019 16:45

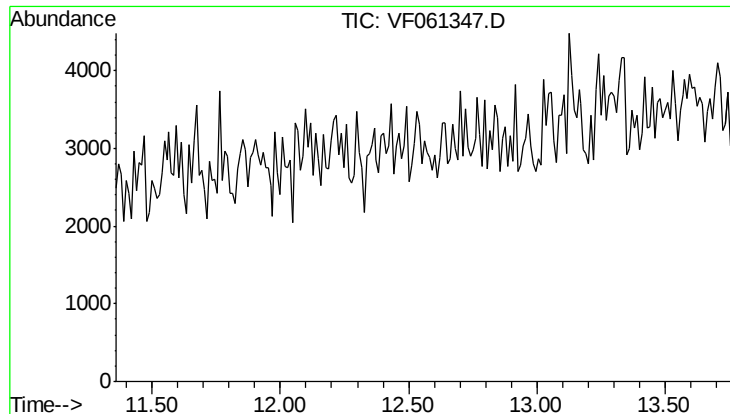
Tot Ion	95
Sig	Exp Ratio
95	100
174	57.1
176	58.9



#63
 Chlorobenzene-d5
 Concen: 0.000 ug/l
 Expected RT: 9.79 min
 Lab File: VF061347.D
 Acq: 10 Jan 2019 16:45

Tgt Ion	117
Sig	Exp Ratio
117	100
82	56.6
119	31.7





#72

1,4-Dichlorobenzene-d4

Concen: 0.000 ug/l

Expected RT: 12.56 min

Lab File: VF061347.D

Acq: 10 Jan 2019 16:45

Tot Ion: 152

Sig Exp Ratio

152 100

115 59.3

150 157.7

