

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF122218\
 Data File : VF061149.D
 Acq On : 22 Dec 2018 17:26
 Operator : VA/AP
 Sample : J6493-01RE
 Misc : 4.31g/5mL/MSVOA-F/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 SOIL-DRUMRE

Quant Time: Dec 24 02:57:48 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F121918S.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 20 00:56:59 2018
 Response via : Initial Calibration

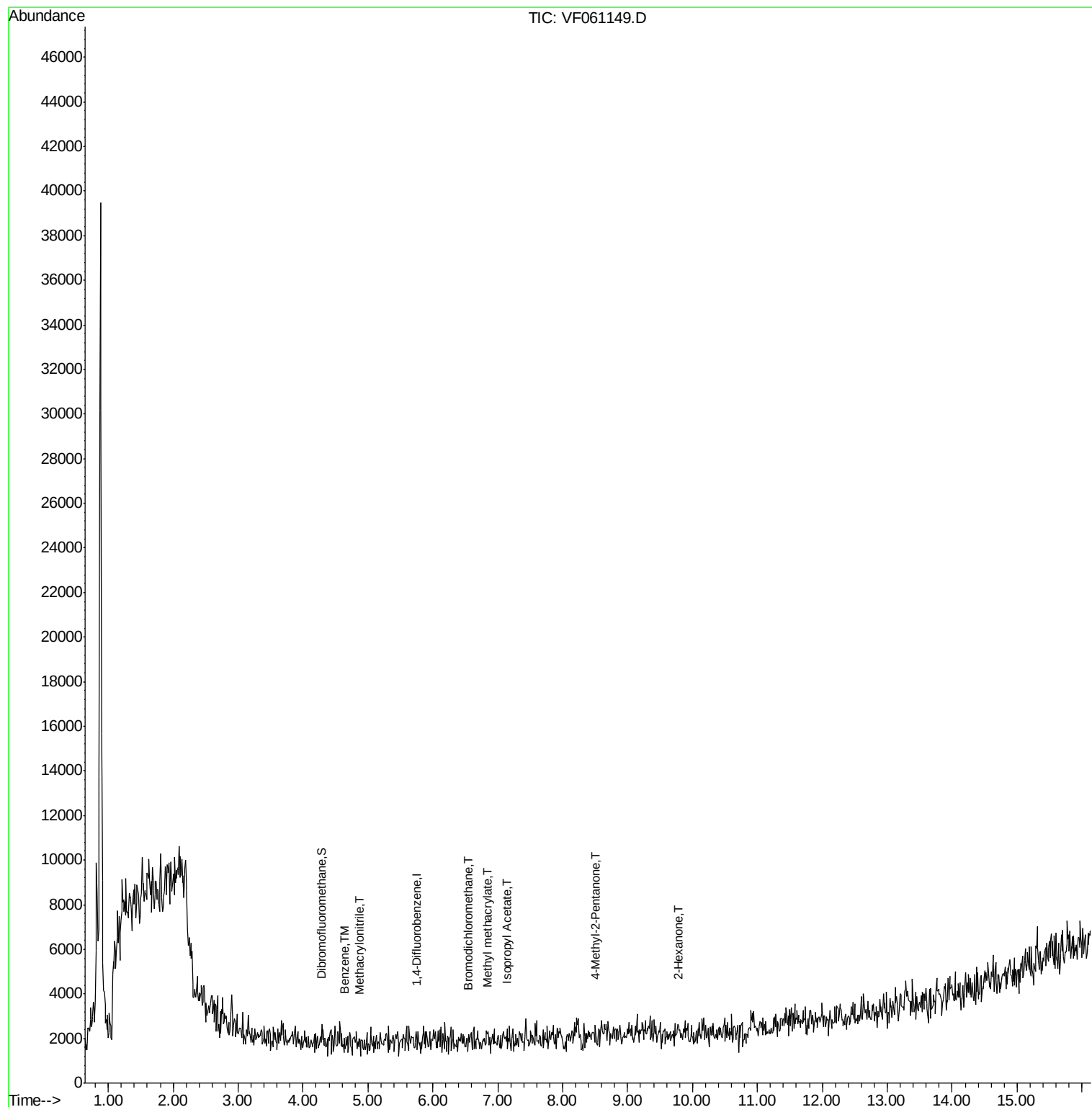
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	0.00	168	0	0.00	ug/l	-4.87
34) 1,4-Difluorobenzene	5.75	114	109	50.00	ug/l	0.16
63) Chlorobenzene-d5	0.00	117	0	0.00	ug/l	-9.78
72) 1,4-Dichlorobenzene-d4	0.00	152	0	0.00	ug/l	-12.55
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	0.00	65	0	0.00	ug/l	
Spiked Amount	50.000		Recovery	=	0.00%	
35) Dibromofluoromethane	4.29	113	66	75.59	ug/l	0.18
Spiked Amount	50.000		Recovery	=	151.18%	
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						
37) Ethyl Acetate	4.22	43	70	Below Cal	#	21
40) Benzene	4.65	78	83	29.334	ug/l #	49
41) Methacrylonitrile	4.88	41	91	327.499	ug/l #	27
43) Isopropyl Acetate	7.14	43	424	667.413	ug/l #	45
47) Bromodichloromethane	6.56	83	75	57.814	ug/l #	24
48) Methyl methacrylate	6.85	41	95	214.206	ug/l	90
51) 4-Methyl-2-Pentanone	8.51	43	62	142.301	ug/l #	38
59) 2-Hexanone	9.77	43	108	342.765	ug/l #	27

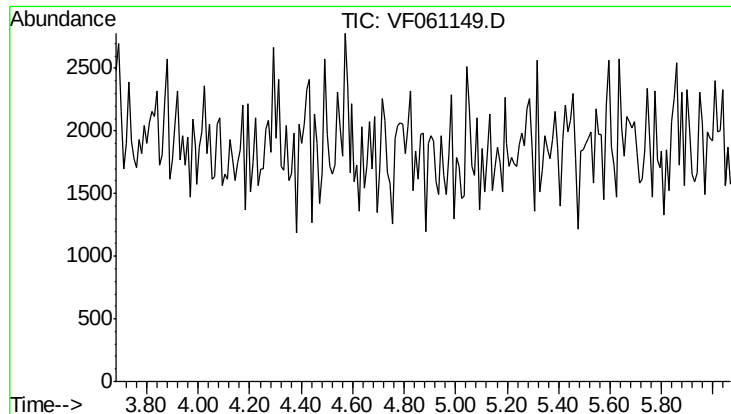
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 0.000 ug/l

Expected RT: 4.87 min

Lab File: VF061149.D

Acq: 22 Dec 2018 17:26

Tot Ion: 168

Sig Exp Ratio

168 100

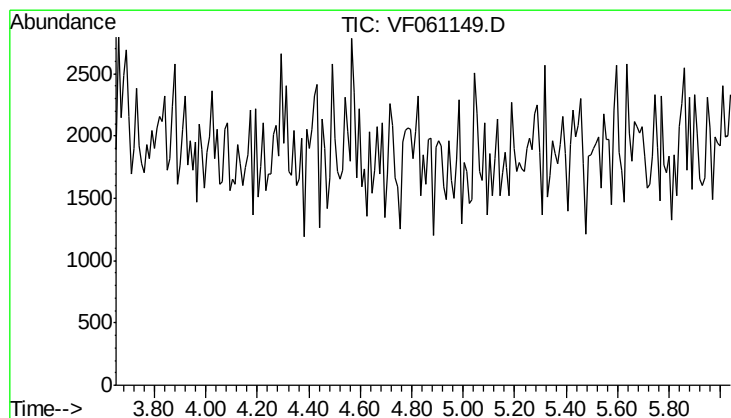
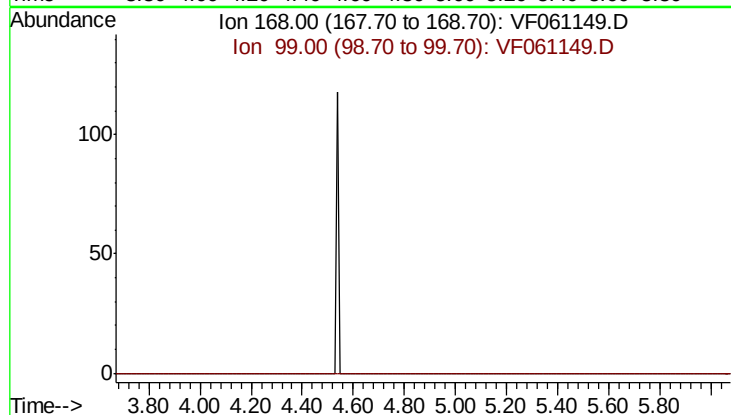
99 68.0

Instrument :

MSVOA_F

ClientSampleId :

SOIL-DRUMRE



#33

1,2-Dichloroethane-d4

Concen: 0.000 ug/l

Expected RT: 4.84 min

Lab File: VF061149.D

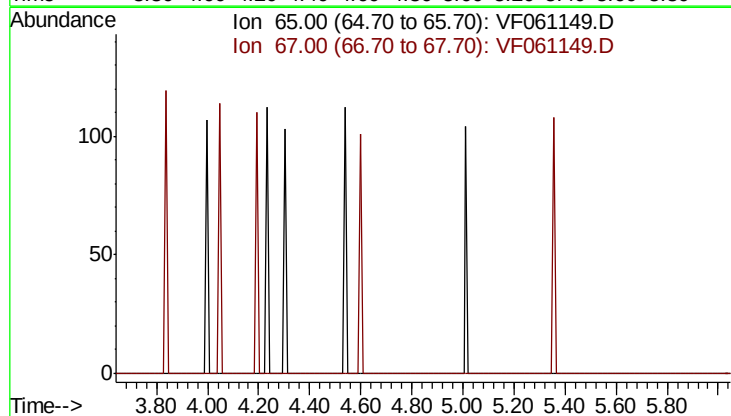
Acq: 22 Dec 2018 17:26

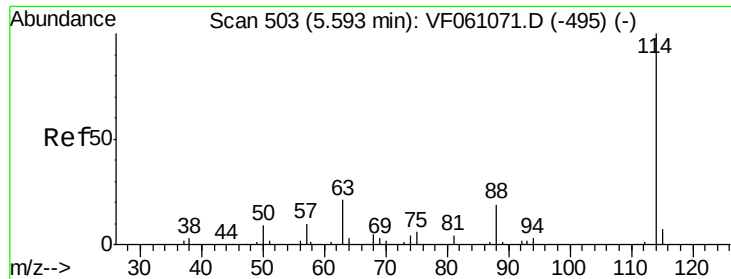
Tgt Ion: 65

Sig Exp Ratio

65 100

67 47.3

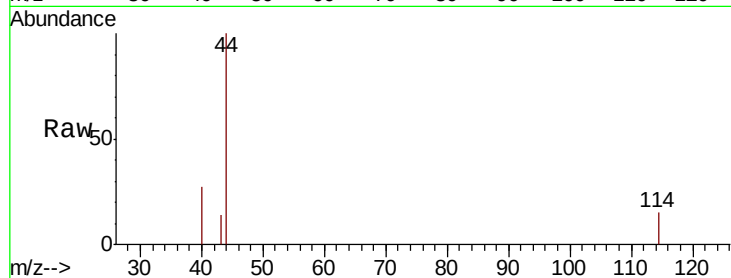




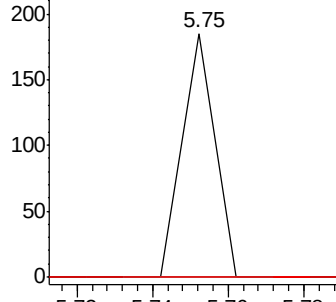
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.75 min Scan# 519
 Delta R.T. 0.16 min
 Lab File: VF061149.D
 Acq: 22 Dec 2018 17:26

Instrument :
 MSVOA_F
 ClientSampleId :
 SOIL-DRUMRE

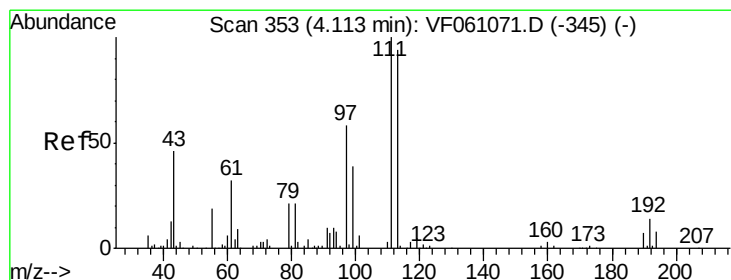
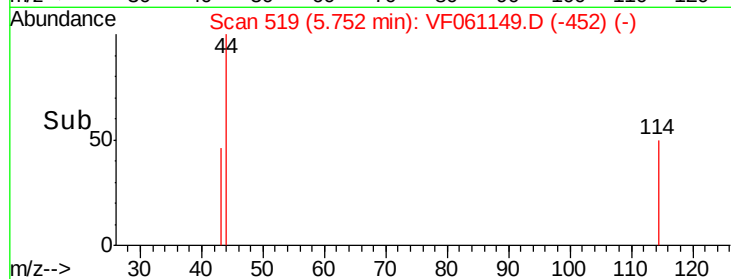
Tot Ion	Ratio	Lower	Upper
114	100		
63	0.0	0.0	41.6
88	0.0	0.0	38.0



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

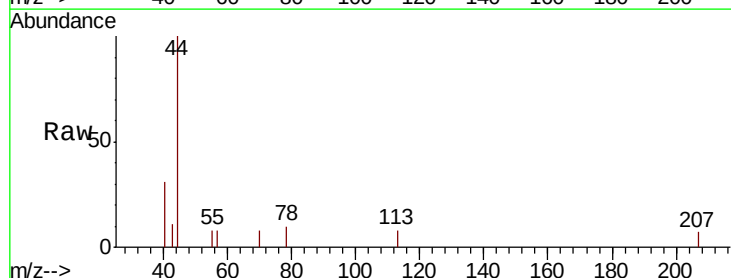


Time-->

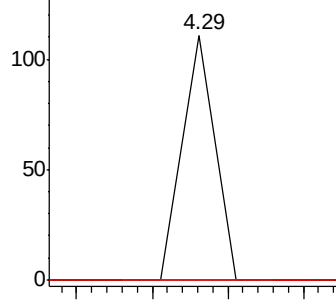


#35
 Dibromofluoromethane
 Concen: 75.588 ug/l
 RT: 4.29 min Scan# 371
 Delta R.T. 0.18 min
 Lab File: VF061149.D
 Acq: 22 Dec 2018 17:26

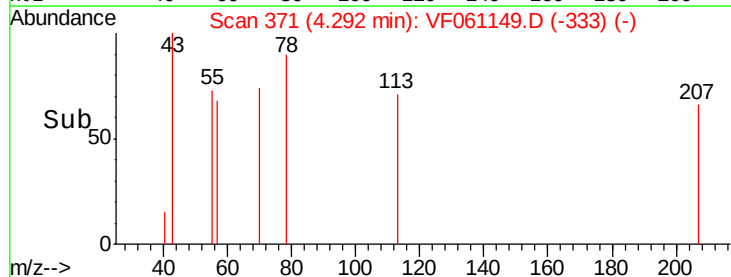
Tgt Ion	Ratio	Lower	Upper
113	100		
111	0.0	85.2	127.8#
192	0.0	12.8	19.2#

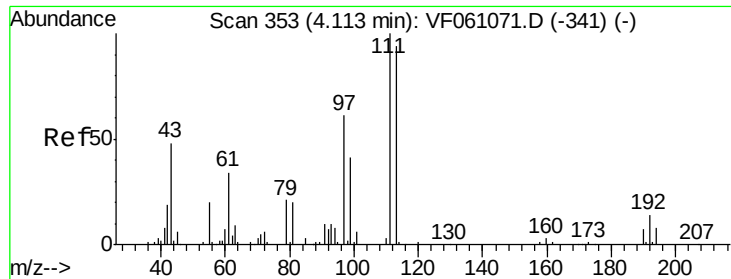


Abundance Ion 113.00 (112.70 to 113.70): V
 Ion 111.00 (110.70 to 111.70): V
 Ion 192.00 (191.70 to 192.70): V



Time-->

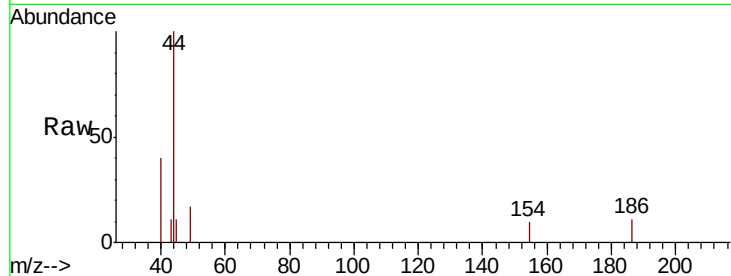




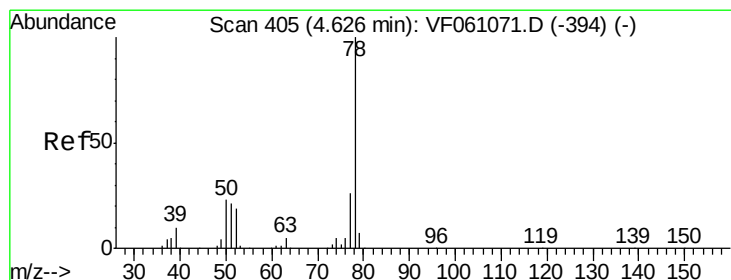
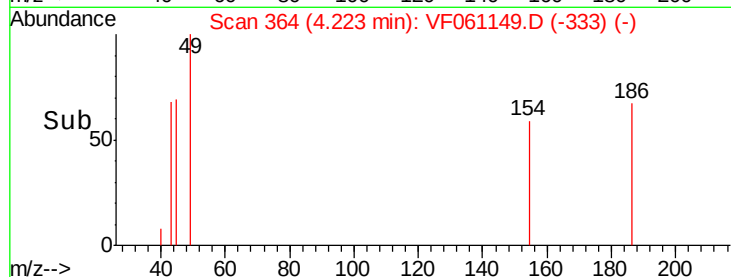
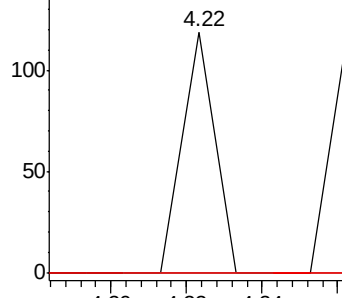
#37
Ethyl Acetate
Concen: Below Cal
RT: 4.22 min Scan# 364
Delta R.T. 0.11 min
Lab File: VF061149.D
Acq: 22 Dec 2018 17:26

Instrument :
MSVOA_F
ClientSampleId :
SOIL-DRUMRE

Tot Ion: 43 Resp: 70
Ion Ratio Lower Upper
43 100
61 0.0 56.6 84.8#
70 0.0 6.3 9.5#

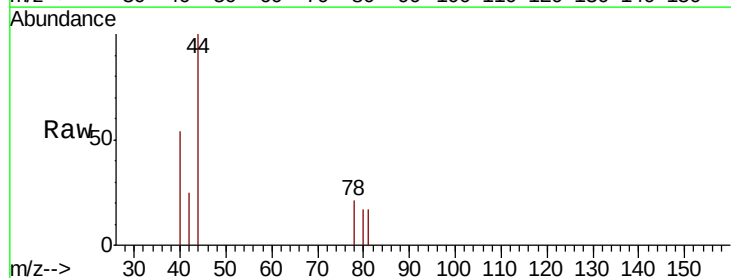


Abundance Ion 43.00 (42.70 to 43.70): VF0
Ion 61.00 (60.70 to 61.70): VF0
Ion 70.00 (69.70 to 70.70): VF0

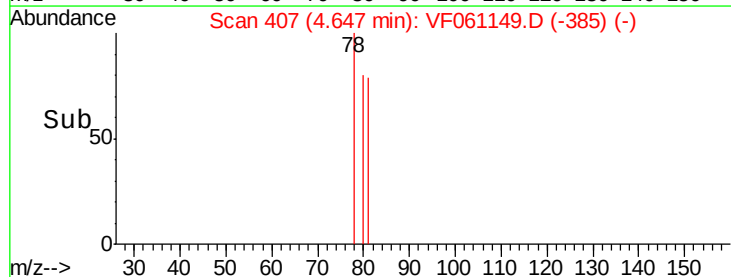
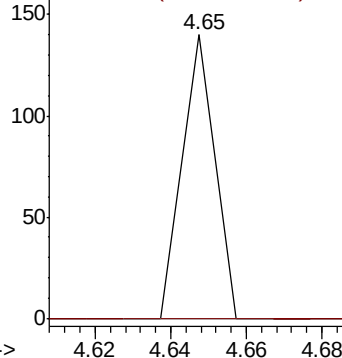


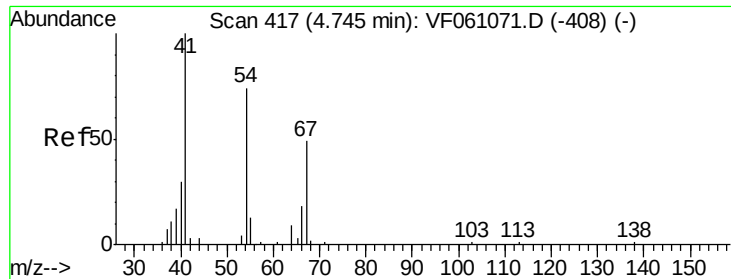
#40
Benzene
Concen: 29.334 ug/l
RT: 4.65 min Scan# 407
Delta R.T. 0.02 min
Lab File: VF061149.D
Acq: 22 Dec 2018 17:26

Tgt Ion: 78 Resp: 83
Ion Ratio Lower Upper
78 100
77 0.0 20.7 31.1#



Abundance Ion 78.10 (77.80 to 78.80): VF0
Ion 77.00 (76.70 to 77.70): VF0

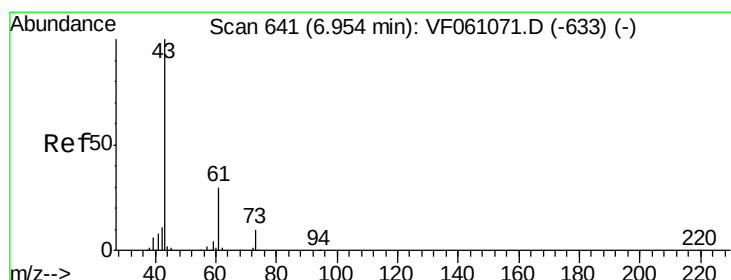
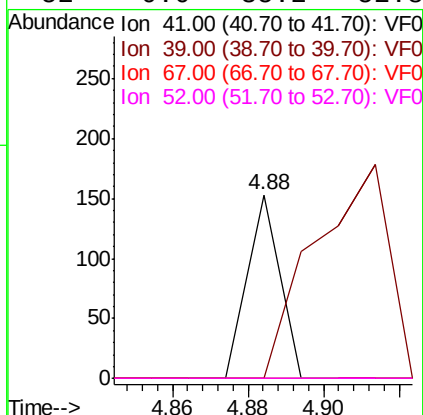
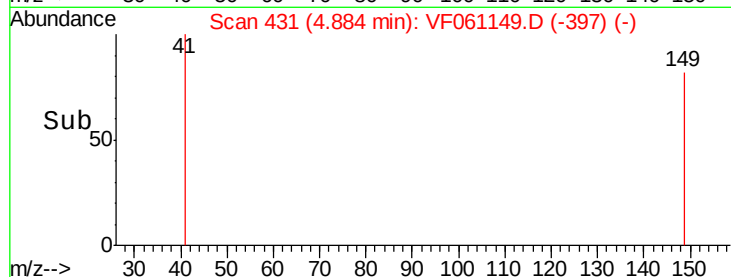
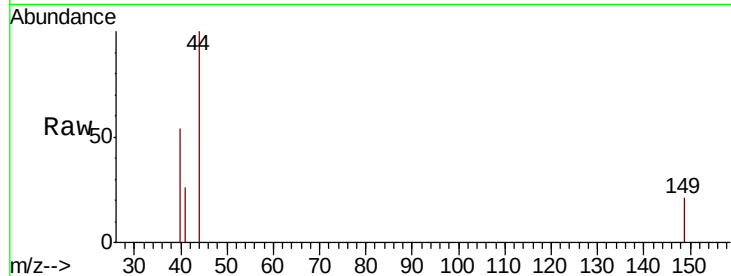




#41
Methacrylonitrile
Concen: 327.499 ug/l
RT: 4.88 min Scan# 431
Delta R.T. 0.14 min
Lab File: VF061149.D
Acq: 22 Dec 2018 17:26

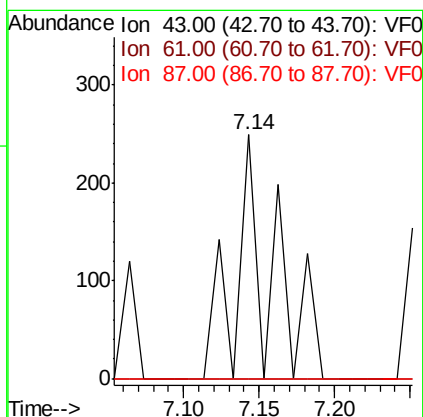
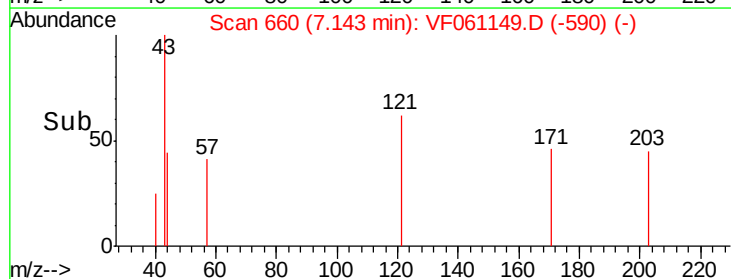
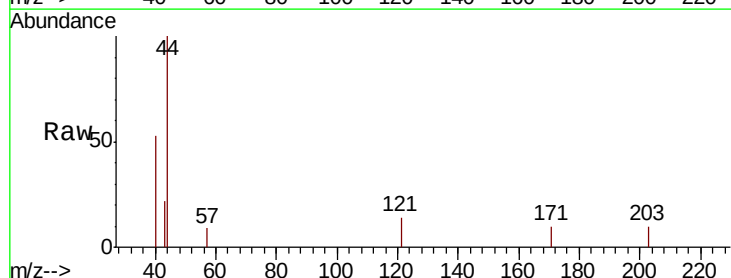
Instrument :
MSVOA_F
ClientSampleId :
SOIL-DRUMRE

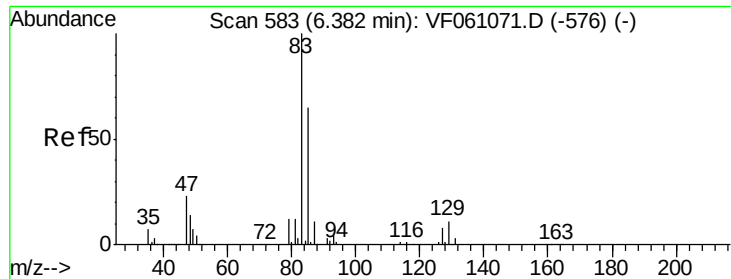
Tot Ion:	41	Resp:	91
Ion	Ratio	Lower	Upper
41	100		
39	0.0	45.7	68.5#
67	0.0	38.9	58.3#
52	0.0	35.2	52.8#



#43
Isopropyl Acetate
Concen: 667.413 ug/l
RT: 7.14 min Scan# 660
Delta R.T. 0.19 min
Lab File: VF061149.D
Acq: 22 Dec 2018 17:26

Tgt Ion:	43	Resp:	424
Ion	Ratio	Lower	Upper
43	100		
61	0.0	23.8	35.8#
87	0.0	0.0	0.0





#47

Bromodichloromethane

Concen: 57.814 ug/l

RT: 6.56 min Scan# 601

Delta R.T. 0.18 min

Lab File: VF061149.D

Acq: 22 Dec 2018 17:26

Instrument :

MSVOA_F

ClientSampleId :

SOIL-DRUMRE

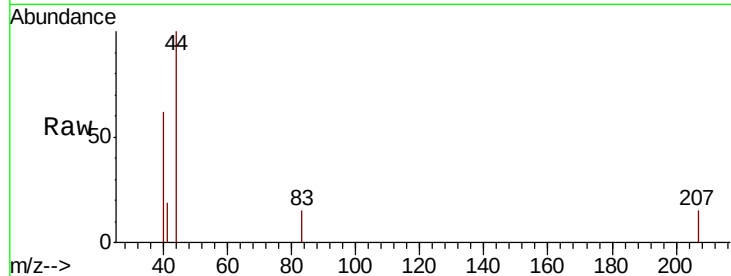
Tot Ion: 83 Resp: 75

Ion Ratio Lower Upper

83 100

85 0.0 52.2 78.4#

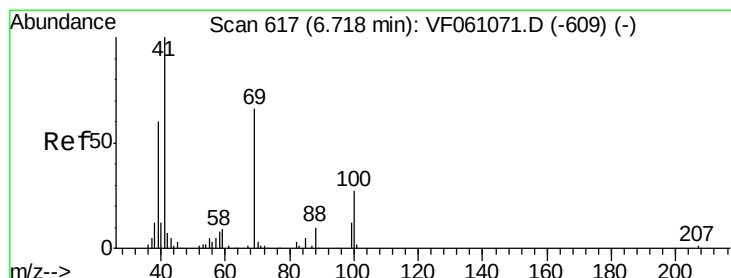
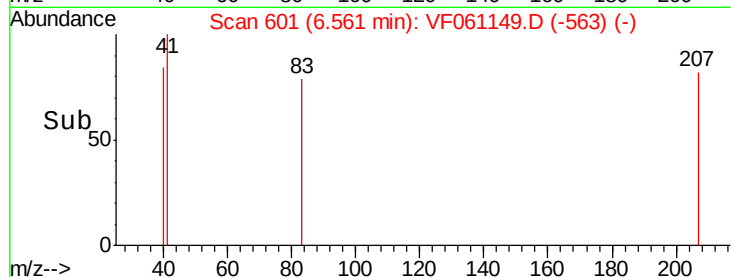
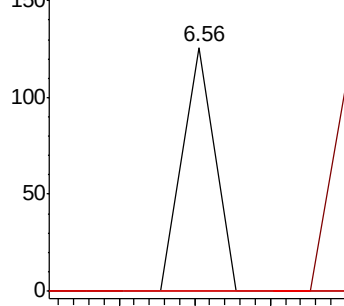
127 0.0 6.1 9.1#



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: 214.206 ug/l

RT: 6.85 min Scan# 630

Delta R.T. 0.13 min

Lab File: VF061149.D

Acq: 22 Dec 2018 17:26

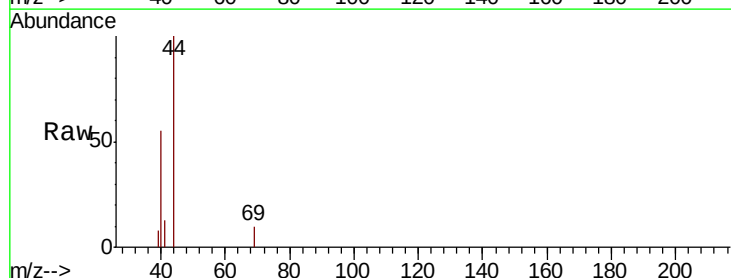
Tgt Ion: 41 Resp: 95

Ion Ratio Lower Upper

41 100

69 76.9 52.7 79.1

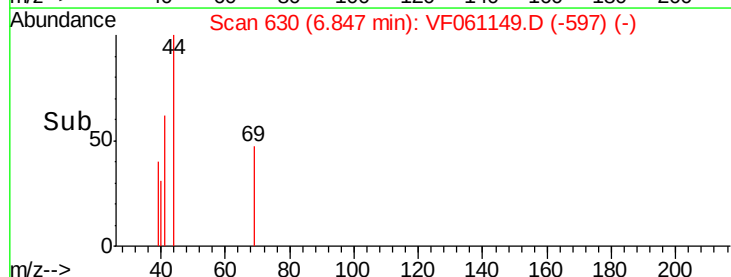
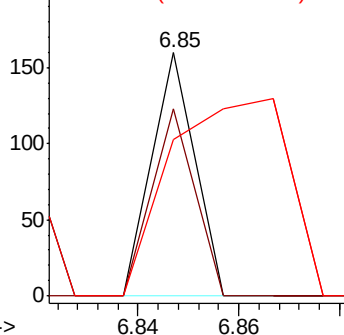
39 64.4 47.8 71.6

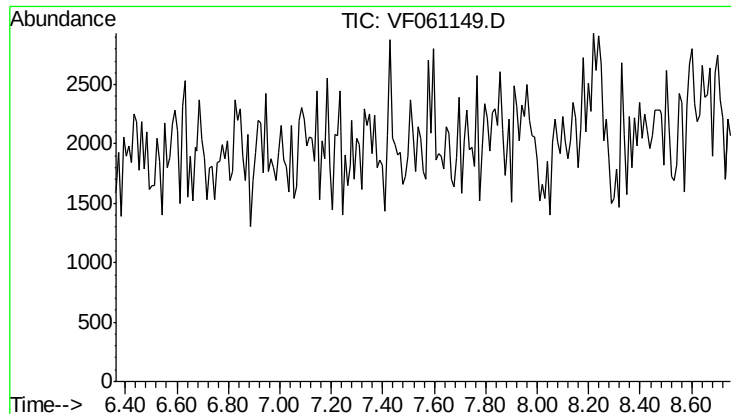


Abundance Ion 41.00 (40.70 to 41.70): VF0

Ion 69.00 (68.70 to 69.70): VF0

Ion 39.00 (38.70 to 39.70): VF0



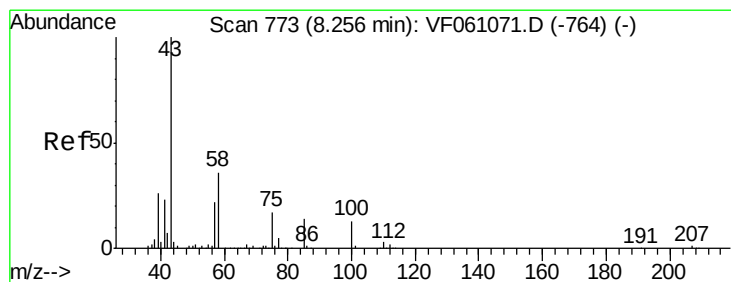
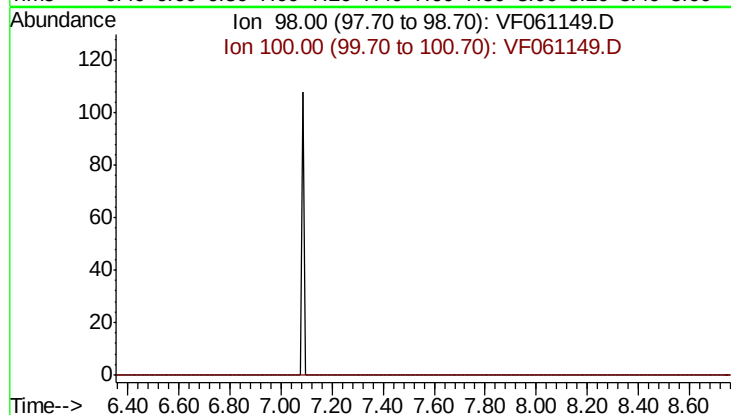


#50
Toluene-d8
Concen: 0.000 ug/l
Expected RT: 7.56 min

Lab File: VF061149.D
Acq: 22 Dec 2018 17:26

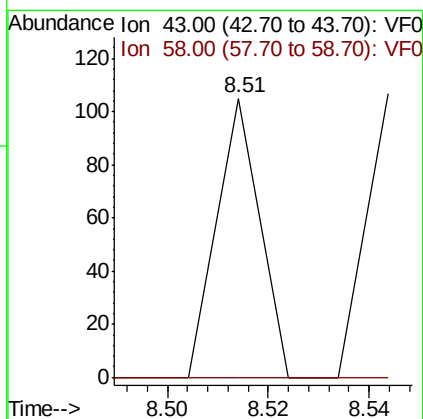
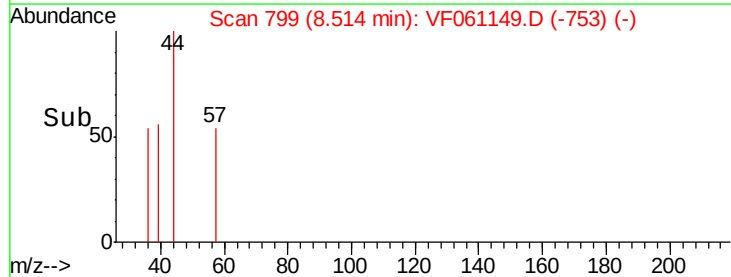
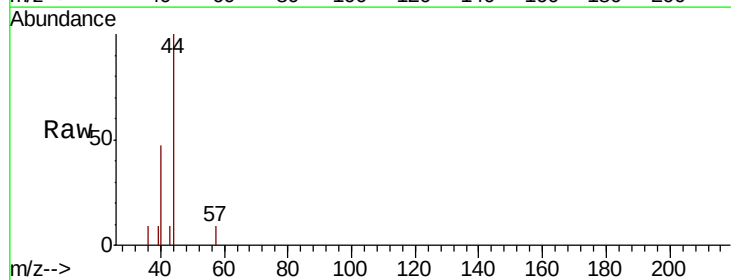
Instrument :
MSVOA_F
ClientSampleId :
SOIL-DRUMRE

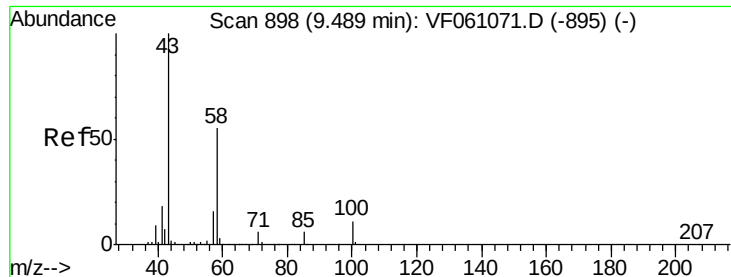
Tot Ion: 98
Sig Exp Ratio
98 100
100 69.1



#51
4-Methyl-2-Pentanone
Concen: 142.301 ug/l
RT: 8.51 min Scan# 799
Delta R.T. 0.26 min
Lab File: VF061149.D
Acq: 22 Dec 2018 17:26

Tgt Ion: 43 Resp: 62
Ion Ratio Lower Upper
43 100
58 0.0 29.1 43.7#





#59

2-Hexanone

Concen: 342.765 ug/l

RT: 9.77 min Scan# 926

Delta R.T. 0.28 min

Lab File: VF061149.D

Acq: 22 Dec 2018 17:26

Instrument :

MSVOA_F

ClientSampleId :

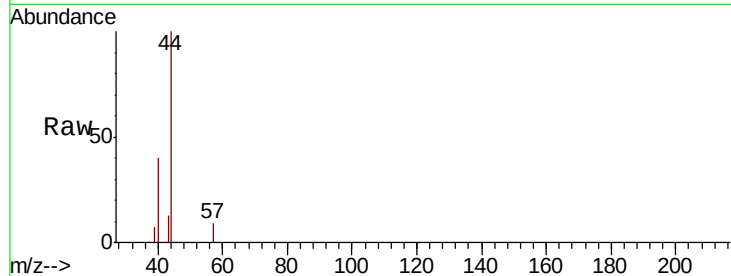
SOIL-DRUMRE

Tot Ion: 43 Resp: 108

Ion Ratio Lower Upper

43 100

58 0.0 25.1 75.2#



Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 58.00 (57.70 to 58.70): VF0

9.77

200

150

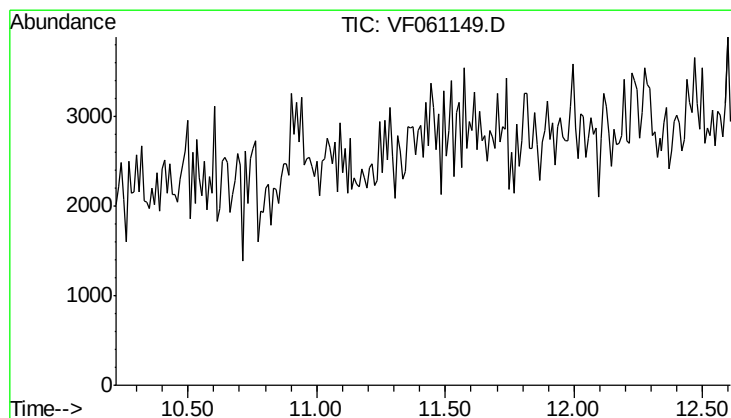
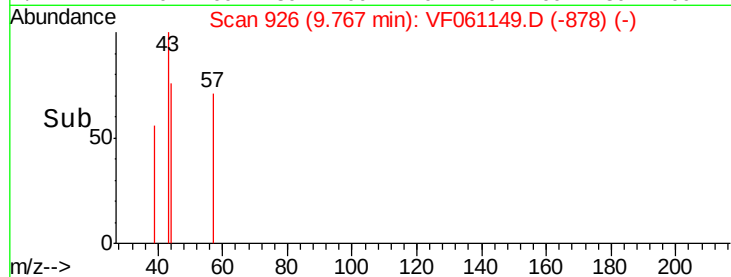
100

50

0

9.76 9.78

Time-->



#62

4-Bromofluorobenzene

Concen: 0.000 ug/l

Expected RT: 11.41 min

Lab File: VF061149.D

Acq: 22 Dec 2018 17:26

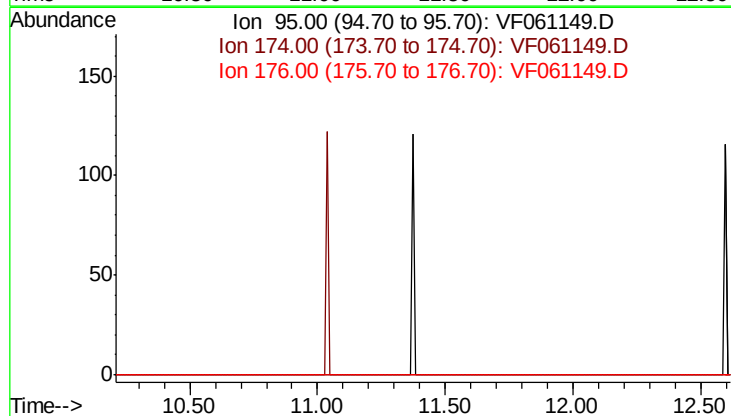
Tgt Ion: 95

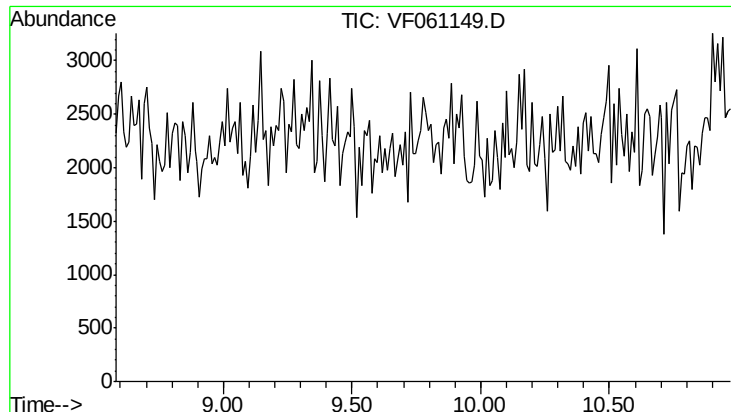
Sig Exp Ratio

95 100

174 71.9

176 73.8



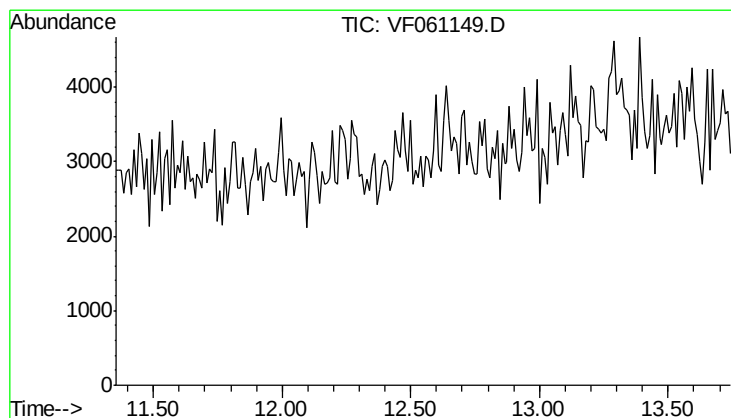
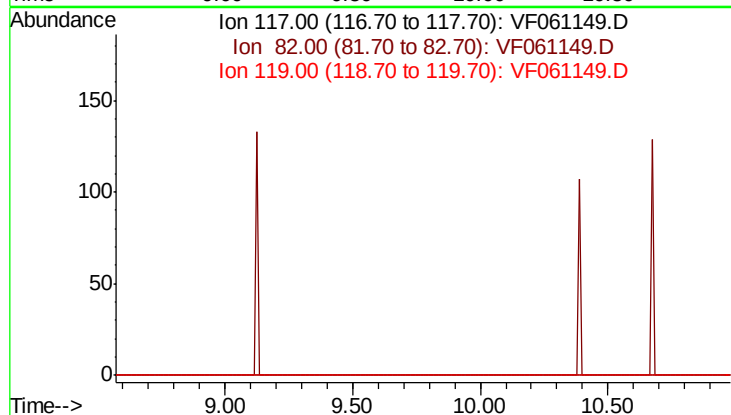


#63
 Chlorobenzene-d5
 Concen: 0.000 ug/l
 Expected RT: 9.78 min

Lab File: VF061149.D
 Acq: 22 Dec 2018 17:26

Instrument :
 MSVOA_F
 ClientSampleId :
 SOIL-DRUMRE

Tot Ion: 117
 Sig Exp Ratio
 117 100
 82 56.2
 119 31.0



#72
 1,4-Dichlorobenzene-d4
 Concen: 0.000 ug/l
 Expected RT: 12.55 min

Lab File: VF061149.D
 Acq: 22 Dec 2018 17:26

Tgt Ion: 152
 Sig Exp Ratio
 152 100
 115 66.6
 150 164.1

