

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_F\DATA\VF021419\
 Data File : VF061633.D
 Acq On : 14 Feb 2019 11:35
 Operator : VA/AP
 Sample : VF0214SBL01
 Misc : 5.00g/5mL/MSVOA-F/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 VF0214SBL01

Quant Time: Feb 15 01:13:43 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

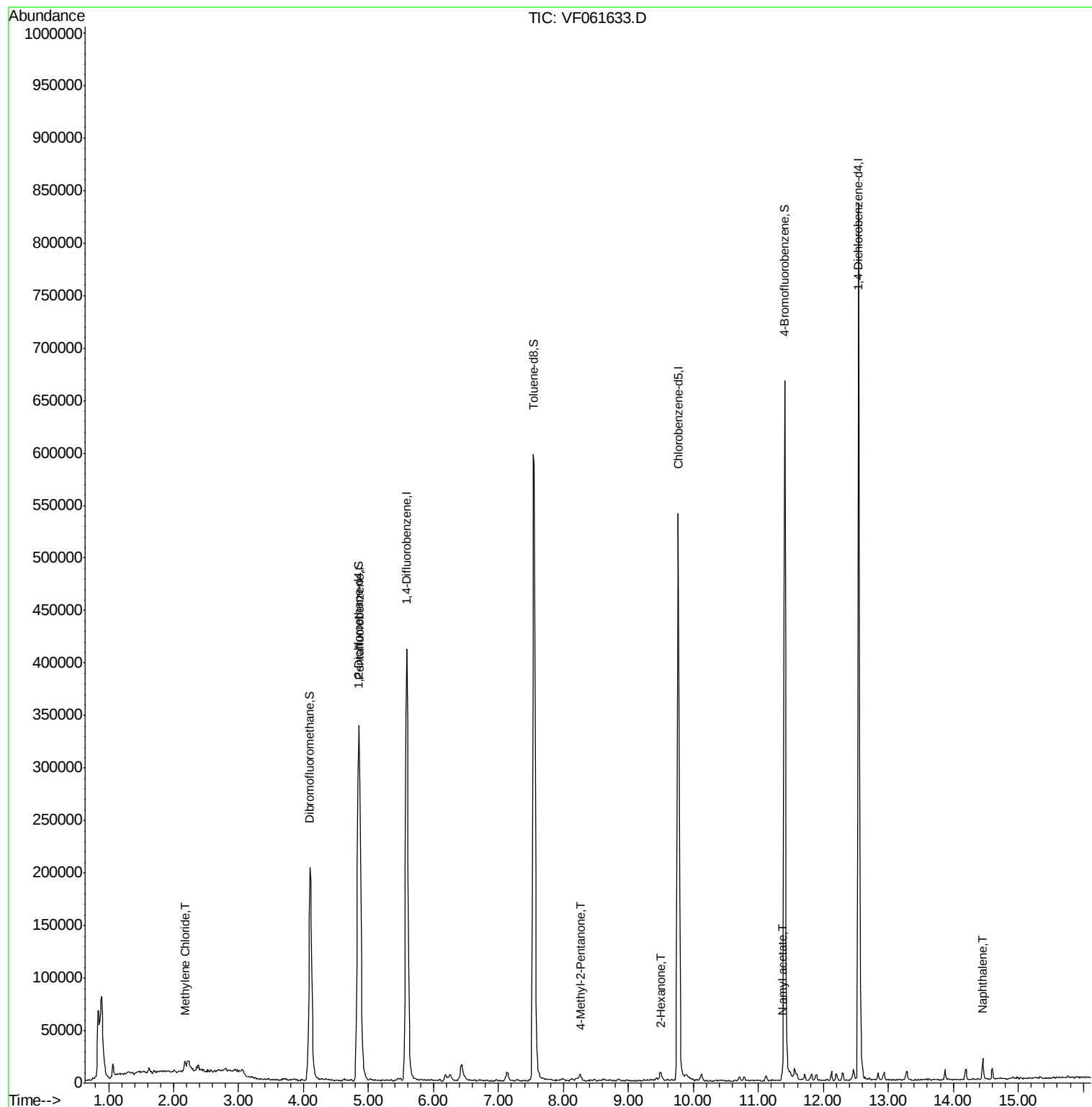
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.86	168	326105	50.00	ug/l	-0.03
34) 1,4-Difluorobenzene	5.59	114	510751	50.00	ug/l	-0.02
63) Chlorobenzene-d5	9.77	117	446219	50.00	ug/l	-0.02
72) 1,4-Dichlorobenzene-d4	12.55	152	264723	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.84	65	134420	56.21	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	112.42%	
35) Dibromofluoromethane	4.10	113	198250	52.27	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	104.54%	
50) Toluene-d8	7.55	98	567201	52.02	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.04%	
62) 4-Bromofluorobenzene	11.41	95	245278	55.60	ug/l	0.00
Spiked Amount 50.000			Recovery	=	111.20%	
Target Compounds						
20) Methylene Chloride	2.18	84	11697m	1.826	ug/l	Qvalue
51) 4-Methyl-2-Pentanone	8.26	43	5638	2.837	ug/l	94
59) 2-Hexanone	9.49	43	7279	5.224	ug/l	80
74) N-amyl acetate	11.37	43	5591	1.236	ug/l	97
95) Naphthalene	14.45	128	14453	1.335	ug/l	99

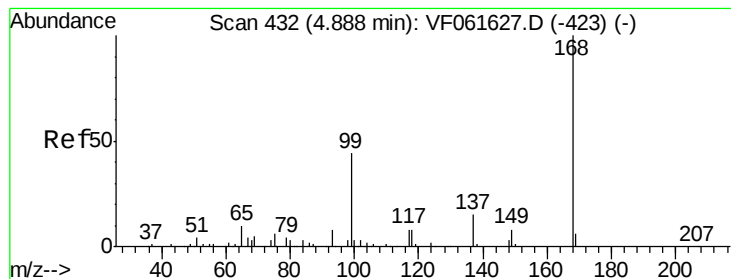
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_F\DATA\VF021419\
Data File : VF061633.D
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Quant Time: Feb 15 01:13:43 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: 50.000 ug/l

RT: 4.86 min Scan# 429

Delta R.T. -0.03 min

Lab File: VF061633.D

Acq: 14 Feb 2019 11:35

Instrument :

MSVOA_F

ClientSampleId :

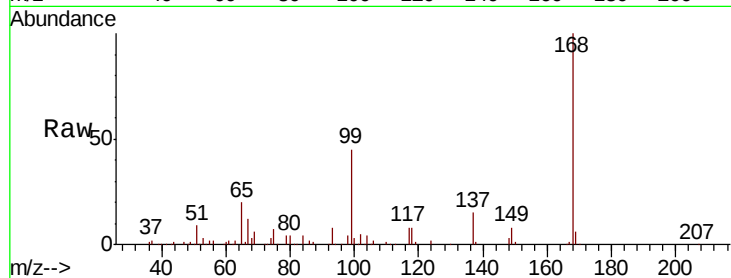
VF0214SBL01

Tgt Ion:168 Resp: 326105

Ion Ratio Lower Upper

168 100

99 45.2 34.9 52.3



Abundance Ion 168.00 (167.70 to 168.70): VF0

Ion 99.00 (98.70 to 99.70): VF0

4.86

120000

100000

80000

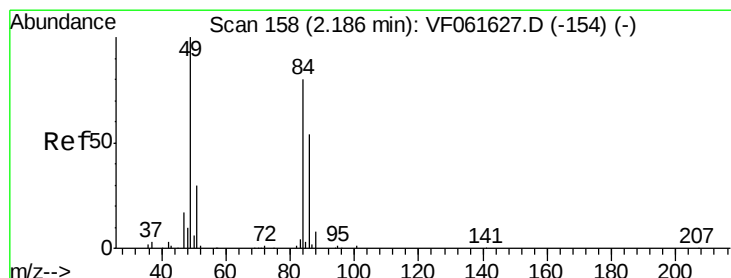
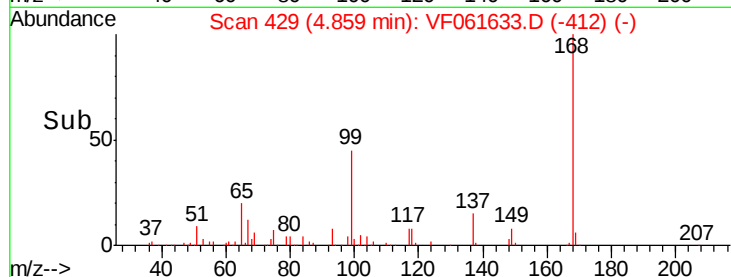
60000

40000

20000

0

Time-->



#20

Methylene Chloride

Concen: 1.826 ug/l m

RT: 2.18 min Scan# 157

Delta R.T. -0.01 min

Lab File: VF061633.D

Acq: 14 Feb 2019 11:35

Tgt Ion: 84 Resp: 11697

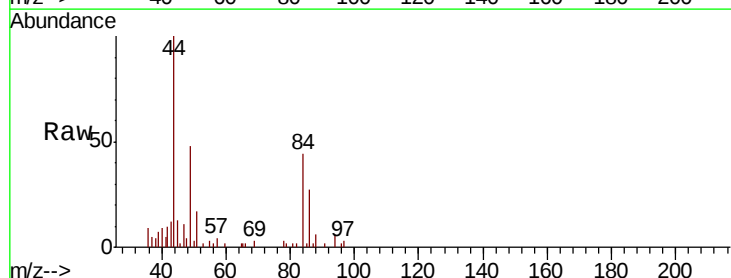
Ion Ratio Lower Upper

84 100

49 109.2 101.8 152.8

51 39.1 31.1 46.7

86 60.8 54.4 81.6



Abundance Ion 84.00 (83.70 to 84.70): VF0

Ion 49.00 (48.70 to 49.70): VF0

Ion 51.00 (50.70 to 51.70): VF0

Ion 86.00 (85.70 to 86.70): VF0

4000

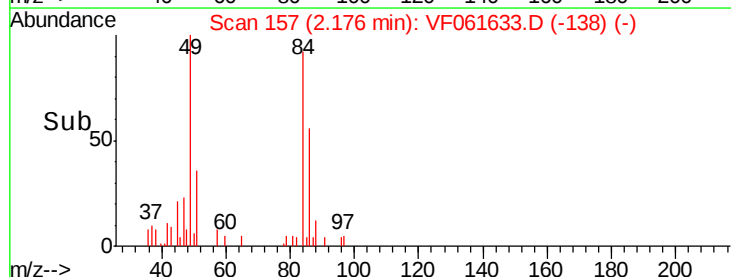
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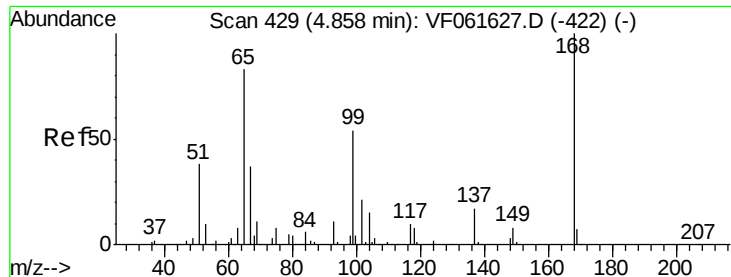
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1000

0

Time-->

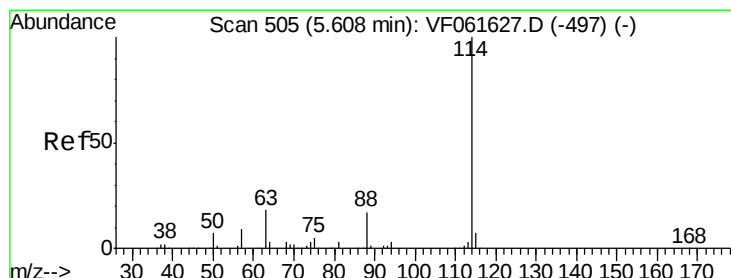
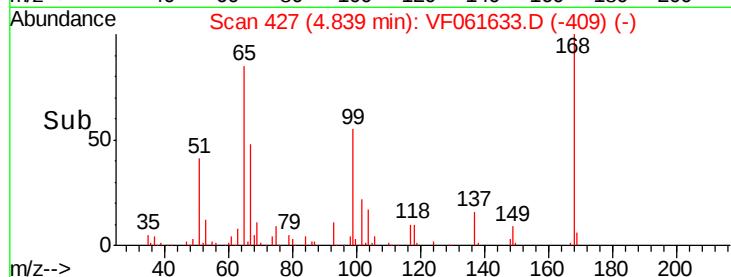
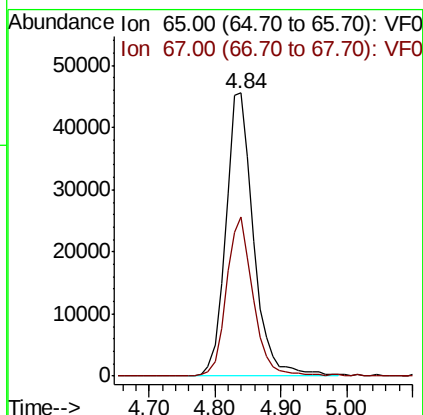
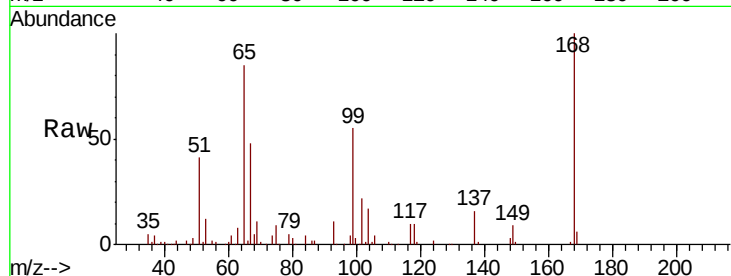




#33
 1,2-Dichloroethane-d4
 Concen: 56.210 ug/l
 RT: 4.84 min Scan# 427
 Delta R.T. -0.02 min
 Lab File: VF061633.D
 Acq: 14 Feb 2019 11:35

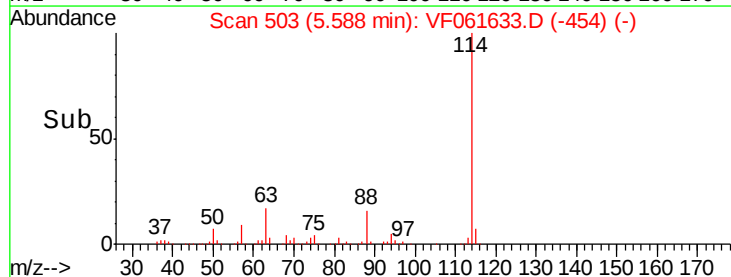
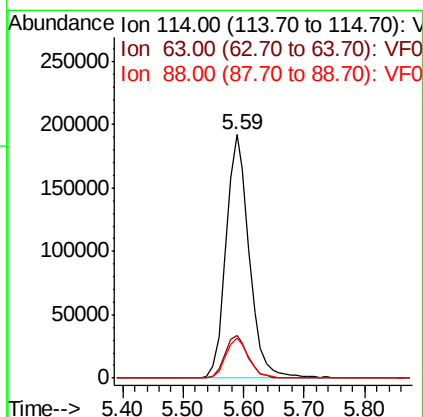
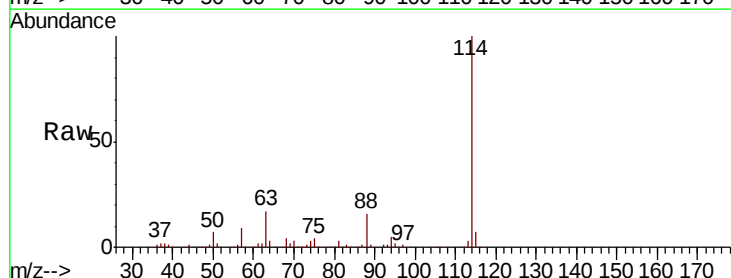
Instrument :
 MSVOA_F
 ClientSampleID :
 VF0214SBL01

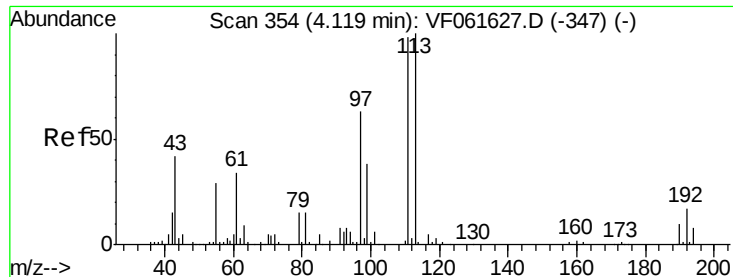
Tgt Ion: 65 Resp: 134420
 Ion Ratio Lower Upper
 65 100
 67 56.1 0.0 104.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.59 min Scan# 503
 Delta R.T. -0.02 min
 Lab File: VF061633.D
 Acq: 14 Feb 2019 11:35

Tgt Ion: 114 Resp: 510751
 Ion Ratio Lower Upper
 114 100
 63 17.4 0.0 36.6
 88 16.5 0.0 34.4

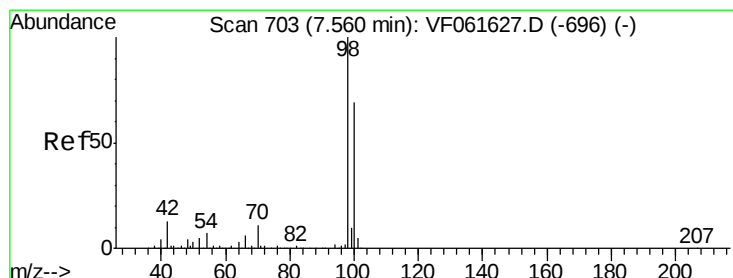
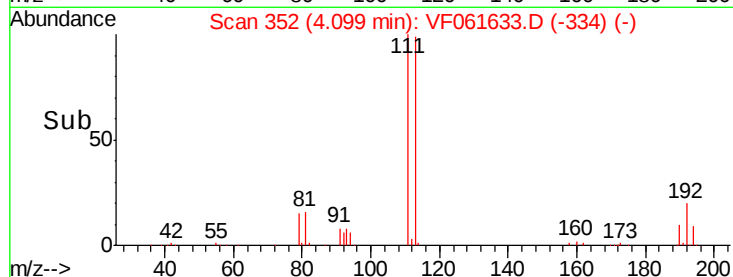
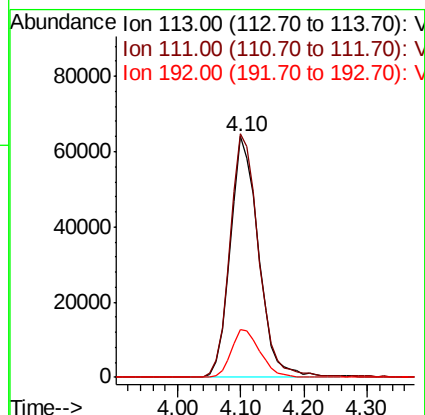
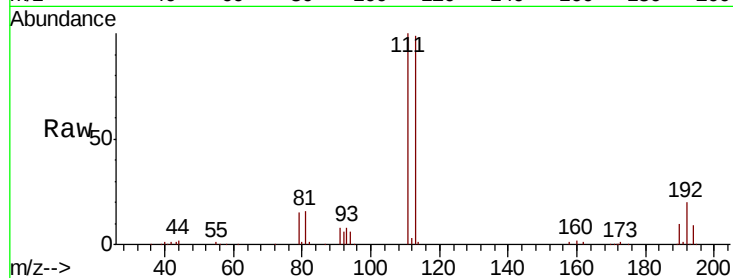




#35
 Dibromofluoromethane
 Concen: 52.269 ug/l
 RT: 4.10 min Scan# 352
 Delta R.T. -0.02 min
 Lab File: VF061633.D
 Acq: 14 Feb 2019 11:35

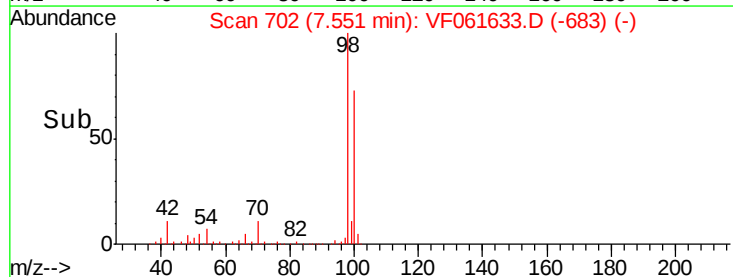
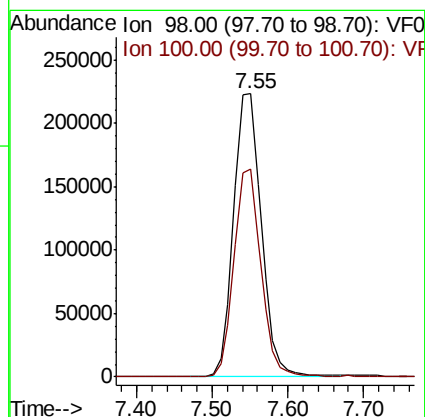
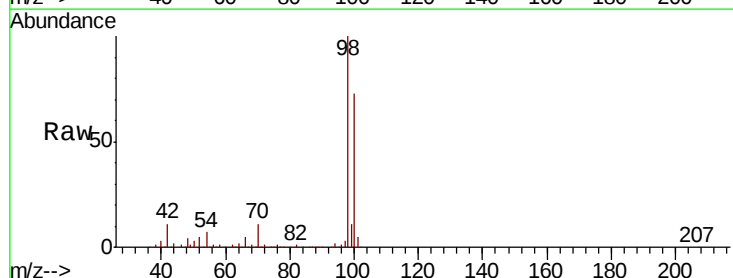
Instrument :
 MSVOA_F
 ClientSampleId :
 VF0214SBL01

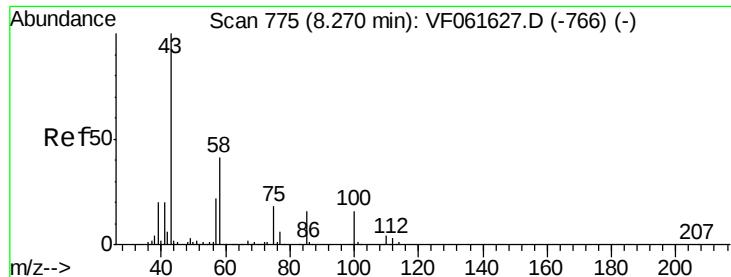
Tgt Ion:113 Resp: 198250
 Ion Ratio Lower Upper
 113 100
 111 101.1 78.8 118.2
 192 19.7 13.4 20.0



#50
 Toluene-d8
 Concen: 52.020 ug/l
 RT: 7.55 min Scan# 702
 Delta R.T. -0.01 min
 Lab File: VF061633.D
 Acq: 14 Feb 2019 11:35

Tgt Ion: 98 Resp: 567201
 Ion Ratio Lower Upper
 98 100
 100 73.3 55.4 83.2





#51

4-Methyl-2-Pentanone

Concen: 2.837 ug/l

RT: 8.26 min Scan# 774

Delta R.T. -0.01 min

Lab File: VF061633.D

Acq: 14 Feb 2019 11:35

Instrument :

MSVOA_F

ClientSampleId :

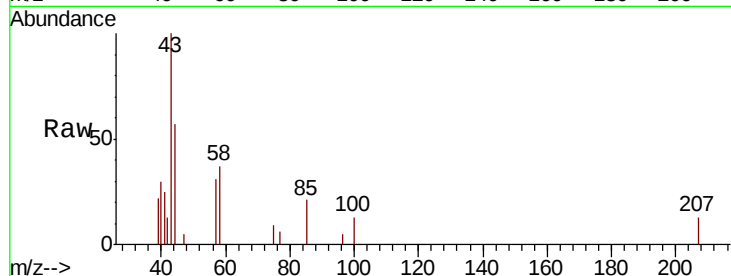
VF0214SBL01

Tgt Ion: 43 Resp: 5638

Ion Ratio Lower Upper

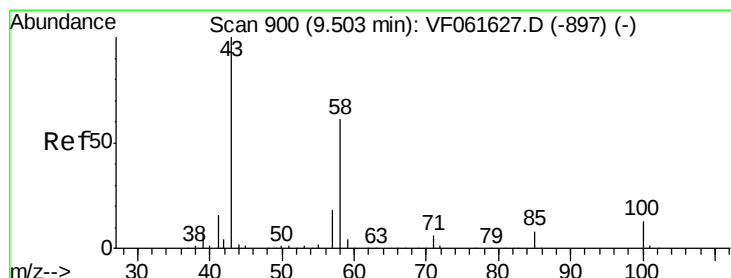
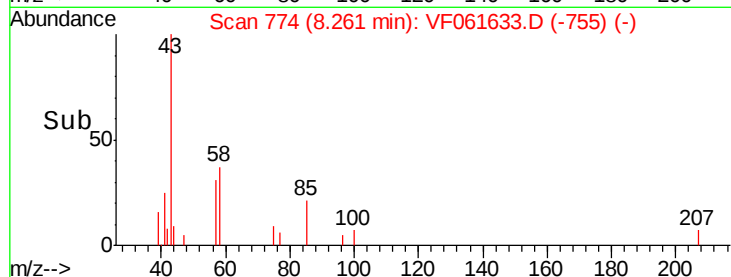
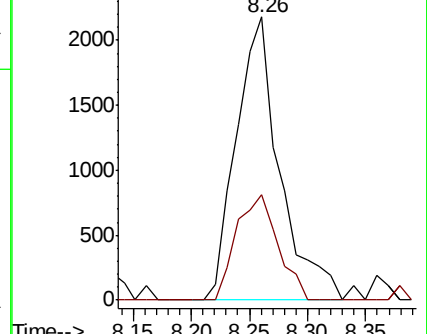
43 100

58 37.4 33.1 49.7



Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 58.00 (57.70 to 58.70): VF0



#59

2-Hexanone

Concen: 5.224 ug/l

RT: 9.49 min Scan# 899

Delta R.T. -0.01 min

Lab File: VF061633.D

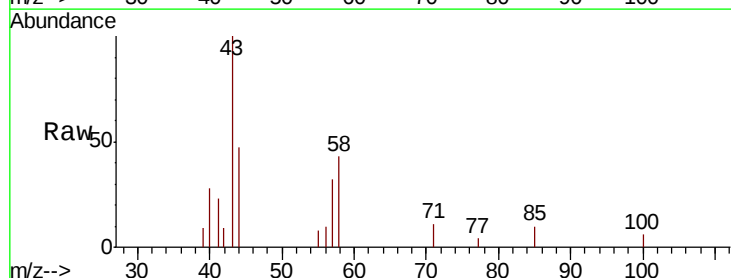
Acq: 14 Feb 2019 11:35

Tgt Ion: 43 Resp: 7279

Ion Ratio Lower Upper

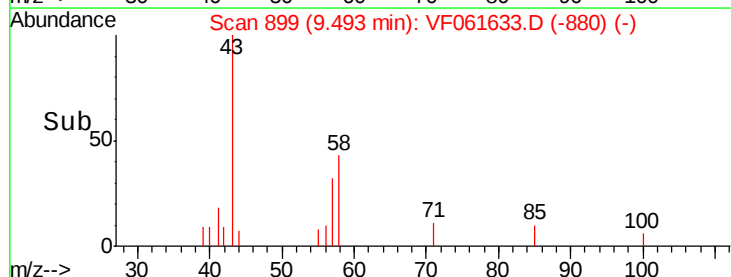
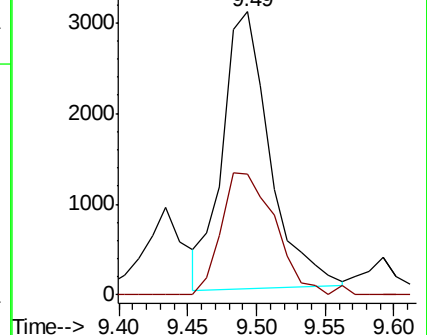
43 100

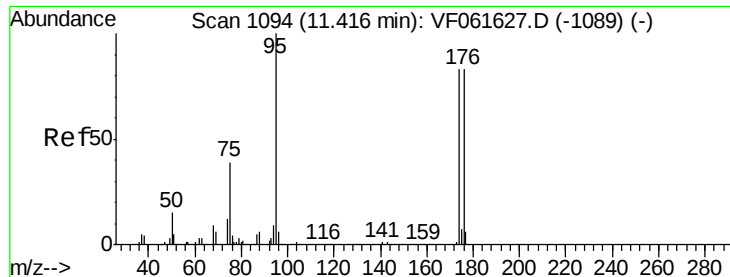
58 42.6 28.5 85.5



Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 58.00 (57.70 to 58.70): VF0

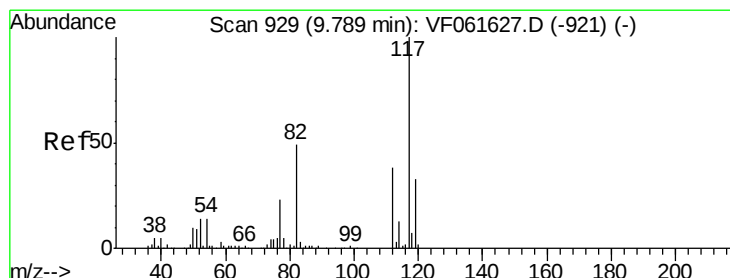
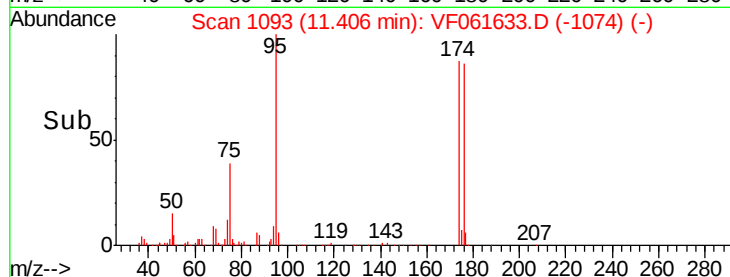
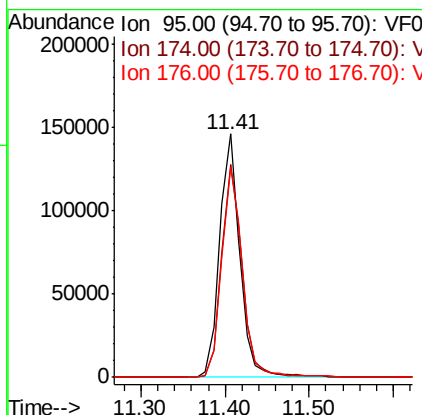
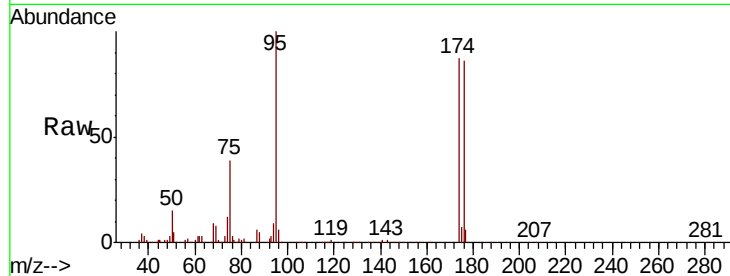




#62
4-Bromofluorobenzene
Concen: 55.597 ug/l
RT: 11.41 min Scan# 1093
Delta R.T. -0.01 min
Lab File: VF061633.D
Acq: 14 Feb 2019 11:35

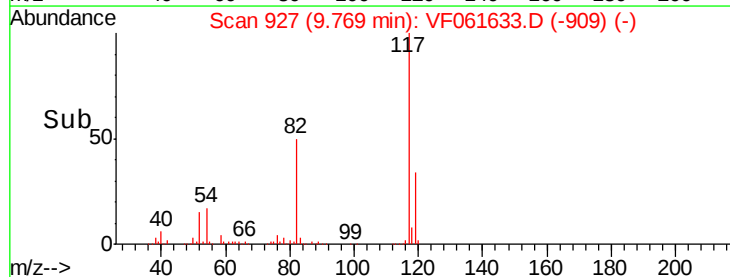
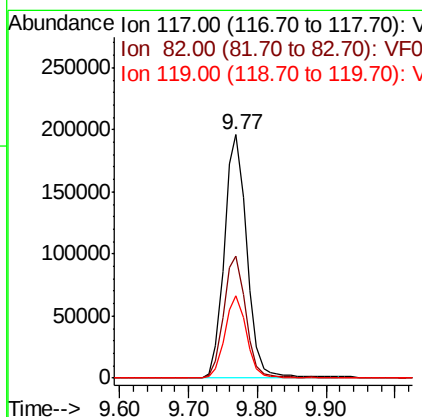
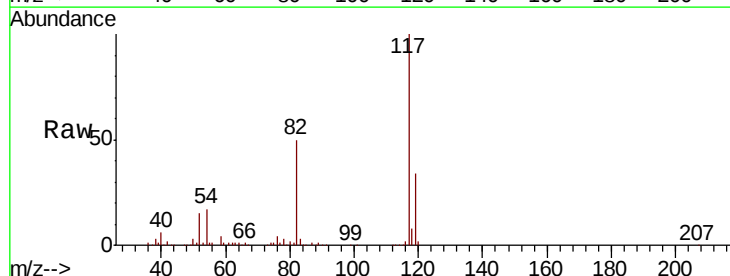
Instrument :
MSVOA_F
ClientSampleId :
VF0214SBL01

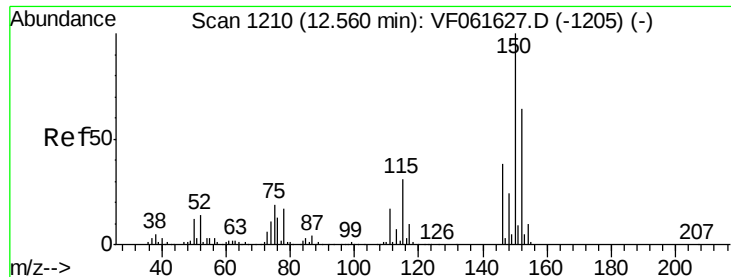
Tgt Ion	Ratio	Lower	Upper
95	100		
174	87.3	0.0	165.8
176	86.4	0.0	167.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.77 min Scan# 927
Delta R.T. -0.02 min
Lab File: VF061633.D
Acq: 14 Feb 2019 11:35

Tgt Ion	Ratio	Lower	Upper
117	100		
82	50.0	39.3	58.9
119	33.9	26.6	40.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.55 min Scan# 1209

Delta R.T. -0.01 min

Lab File: VF061633.D

Acq: 14 Feb 2019 11:35

Instrument :

MSVOA_F

ClientSampleId :

VF0214SBL01

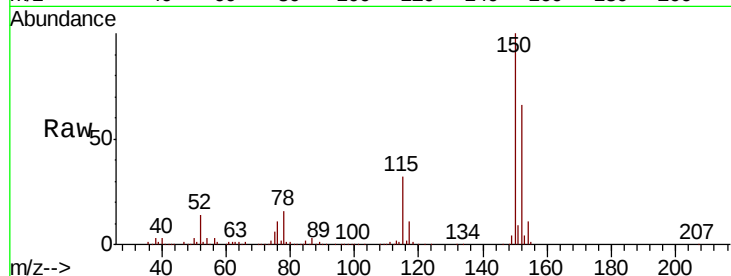
Tgt Ion:152 Resp: 264723

Ion Ratio Lower Upper

152 100

115 49.4 24.3 72.8

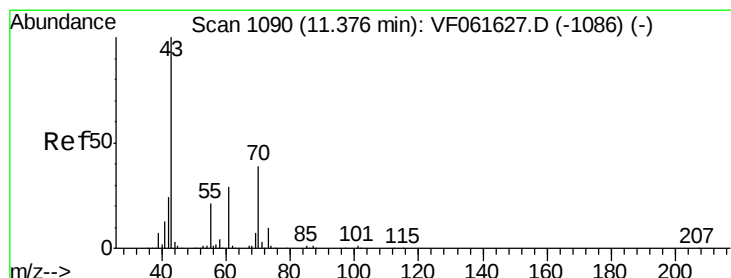
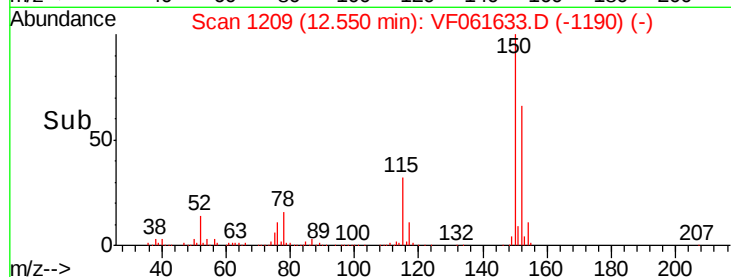
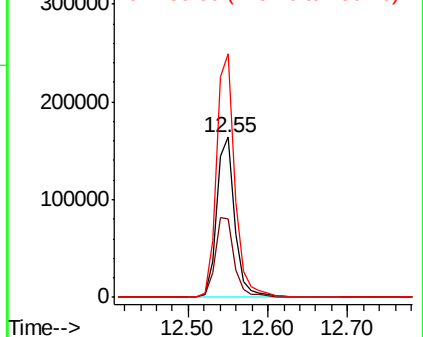
150 152.2 0.0 312.0



Abundance Ion 152.00 (151.70 to 152.70): V

Ion 115.00 (114.70 to 115.70): V

Ion 150.00 (149.70 to 150.70): V



#74

N-ethyl acetate

Concen: 1.236 ug/l

RT: 11.37 min Scan# 1089

Delta R.T. -0.01 min

Lab File: VF061633.D

Acq: 14 Feb 2019 11:35

Tgt Ion: 43 Resp: 5591

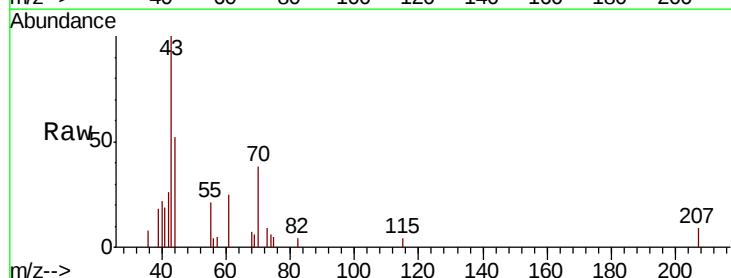
Ion Ratio Lower Upper

43 100

70 38.5 31.5 47.3

55 20.8 16.7 25.1

61 25.1 23.0 34.6

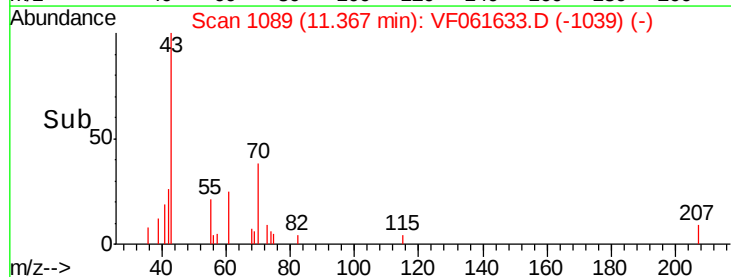
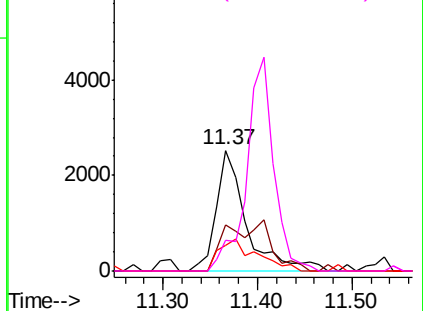


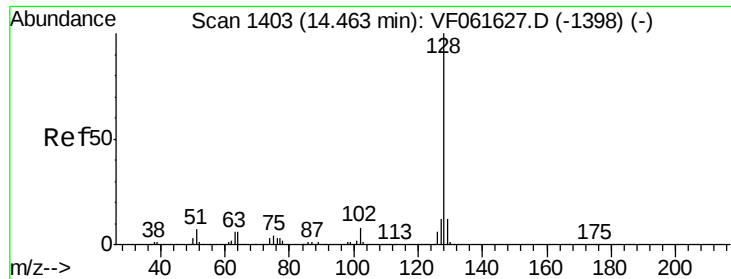
Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 70.00 (69.70 to 70.70): VF0

Ion 55.00 (54.70 to 55.70): VF0

Ion 61.00 (60.70 to 61.70): VF0

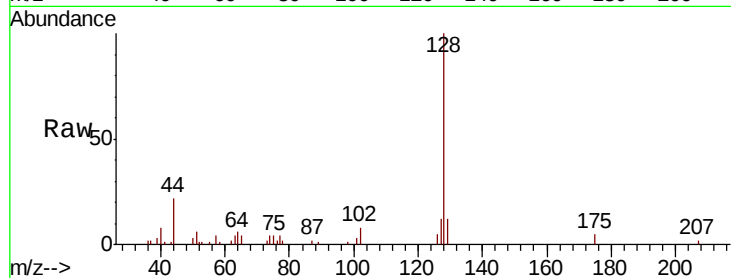




#95
 Naphthalene
 Concen: 1.335 ug/l
 RT: 14.45 min Scan# 1402
 Delta R.T. -0.01 min
 Lab File: VF061633.D
 Acq: 14 Feb 2019 11:35

Instrument :
 MSVOA_F
 ClientSampleId :
 VF0214SBL01

Tgt Ion:	128	Resp:	14453
Ion	Ratio	Lower	Upper
128	100		
127	12.3	9.8	14.6
129	12.2	9.4	14.2



Abundance Ion 128.00 (127.70 to 128.70): V
 Ion 127.00 (126.70 to 127.70): V
 Ion 129.00 (128.70 to 129.70): V

