

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA F\DATA\VF110618\
 Data File : VF060620.D
 Acq On : 6 Nov 2018 18:52
 Operator : VA/AP
 Sample : J5819-01
 Misc : 4.57g/5mL/MSVOA-F/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 BES48_SB04_0.75-1.25

Quant Time: Nov 07 11:53:20 2018
 Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_F\METHODS\82F110218S.M
 Quant Title : SW846 8260
 QLast Update : Sat Nov 03 05:29:31 2018
 Response via : Initial Calibration

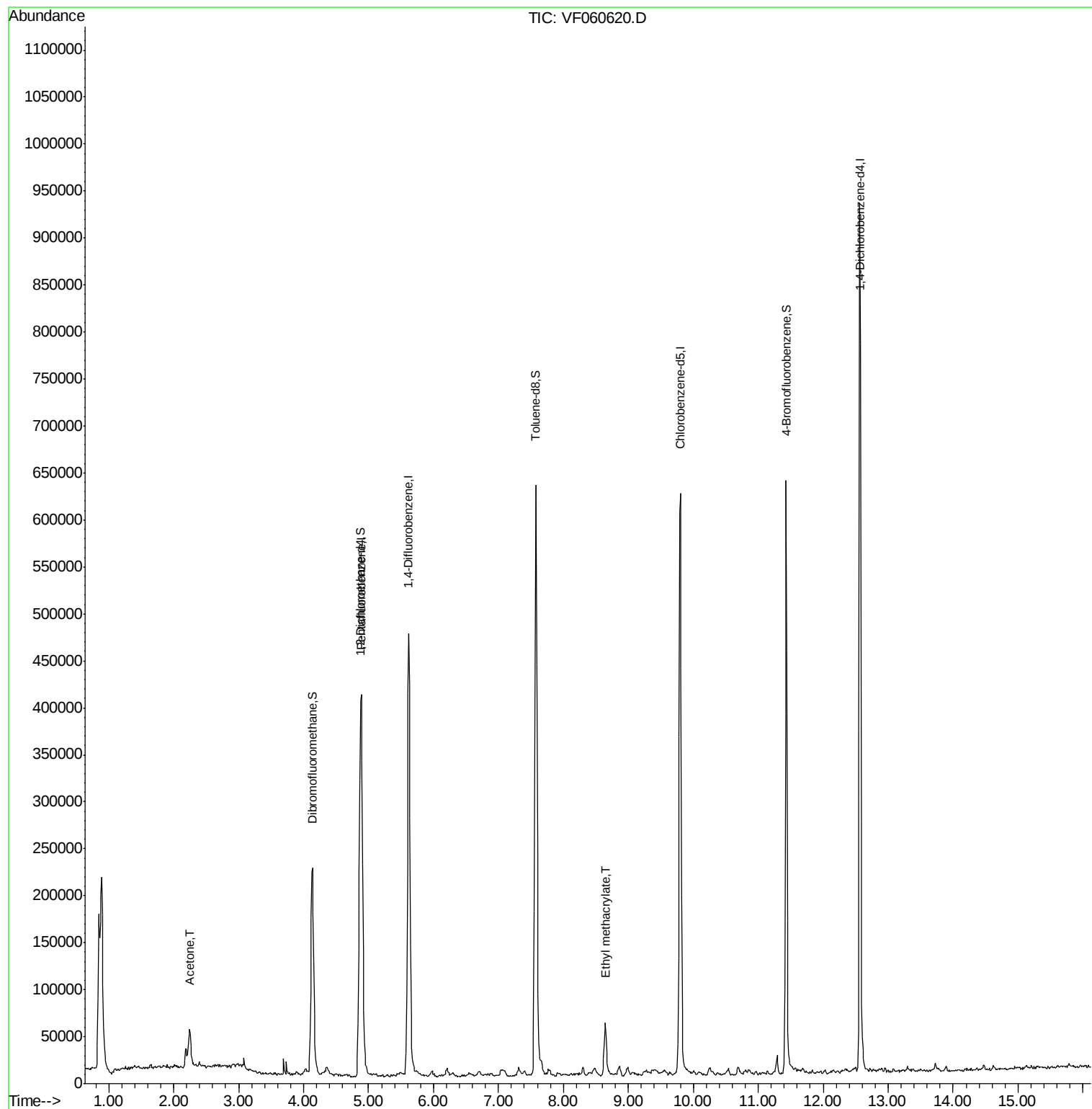
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.89	168	310180	50.00	ug/l	0.02
34) 1,4-Difluorobenzene	5.62	114	554396	50.00	ug/l	0.02
63) Chlorobenzene-d5	9.80	117	484162	50.00	ug/l	0.02
72) 1,4-Dichlorobenzene-d4	12.56	152	244357	50.00	ug/l	0.01
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.87	65	165679	52.87	ug/l	0.02
Spiked Amount 50.000			Recovery	=	105.74%	
35) Dibromofluoromethane	4.13	113	216513	50.55	ug/l	0.02
Spiked Amount 50.000			Recovery	=	101.10%	
50) Toluene-d8	7.57	98	564189	44.47	ug/l	0.01
Spiked Amount 50.000			Recovery	=	88.94%	
62) 4-Bromofluorobenzene	11.43	95	243417	43.86	ug/l	0.01
Spiked Amount 50.000			Recovery	=	87.72%	
Target Compounds						
16) Acetone	2.24	43	47411	64.200	ug/l	94
56) Ethyl methacrylate	8.65	69	28264	7.821	ug/l #	68

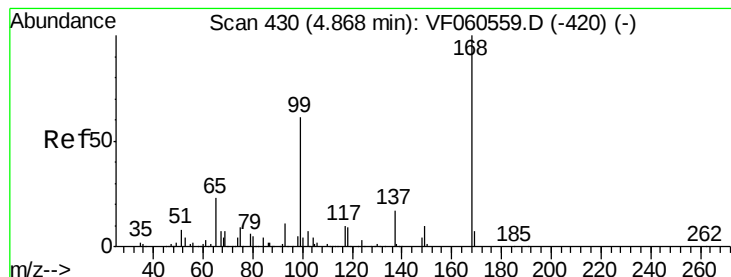
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.89 min Scan# 432

Delta R.T. 0.02 min

Lab File: VF060620.D

Acq: 6 Nov 2018 18:52

Instrument :

MSVOA_F

ClientSampleId :

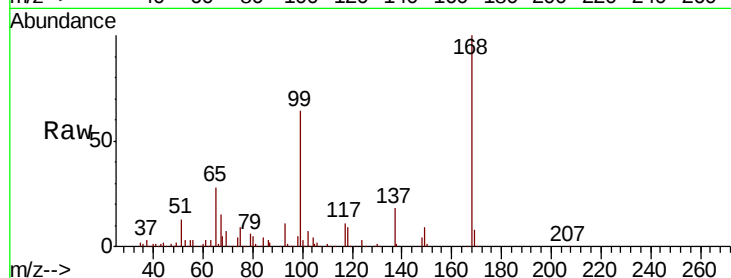
BES48_SB04_0.75-1.25

Tot Ion:168 Resp: 310180

Ion Ratio Lower Upper

168 100

99 64.2 48.6 72.8



Abundance Ion 168.00 (167.70 to 168.70): VF0

Ion 99.00 (98.70 to 99.70): VF0

4.89

120000

100000

80000

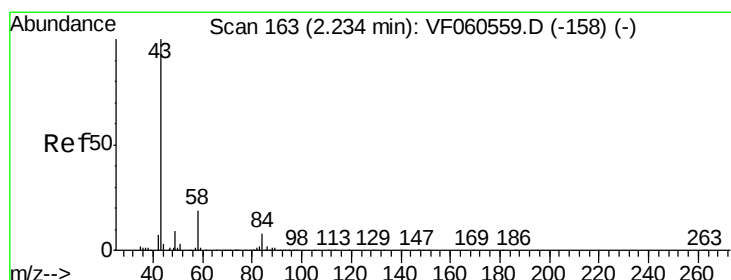
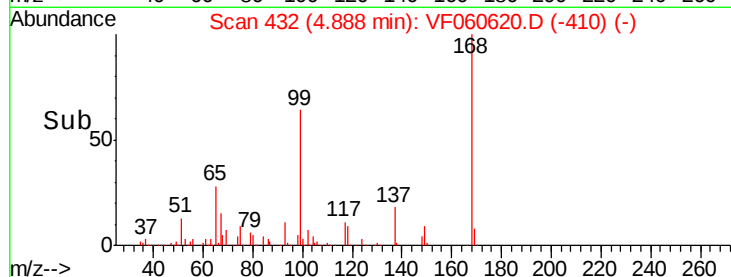
60000

40000

20000

0

Time-->



#16

Acetone

Concen: 64.200 ug/l

RT: 2.24 min Scan# 164

Delta R.T. 0.01 min

Lab File: VF060620.D

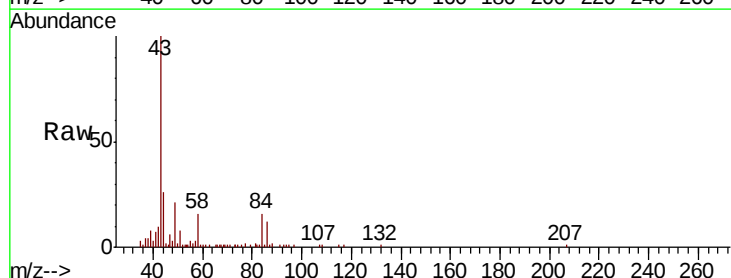
Acq: 6 Nov 2018 18:52

Tgt Ion: 43 Resp: 47411

Ion Ratio Lower Upper

43 100

58 15.6 14.6 22.0



Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 58.00 (57.70 to 58.70): VF0

2.24

20000

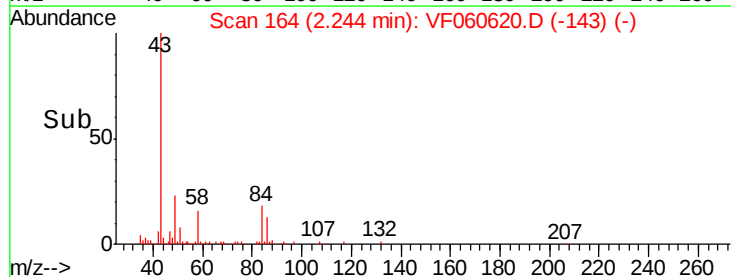
15000

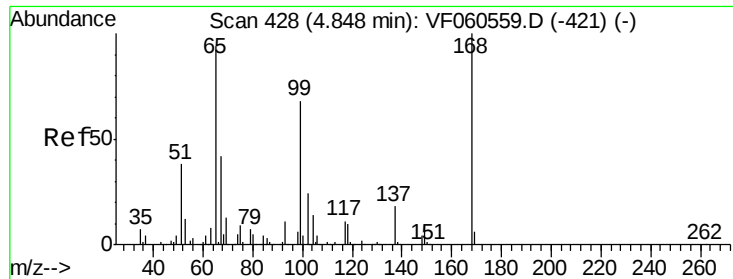
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5000

0

Time-->

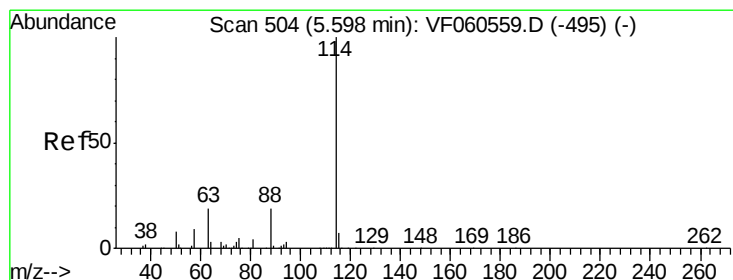
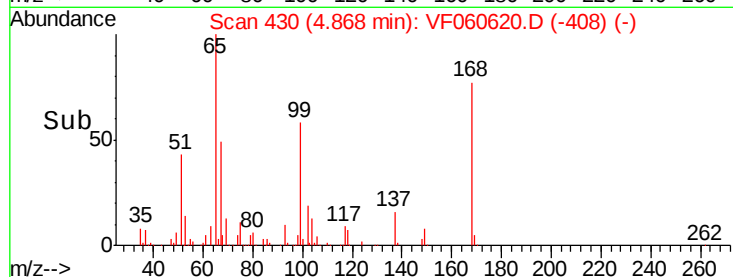
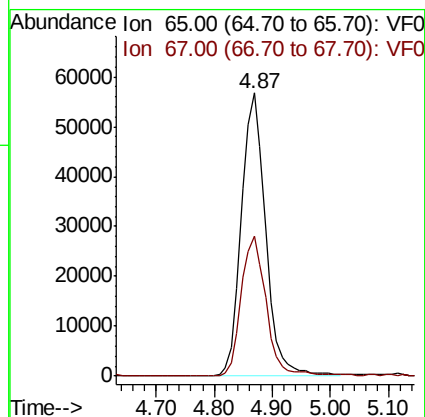
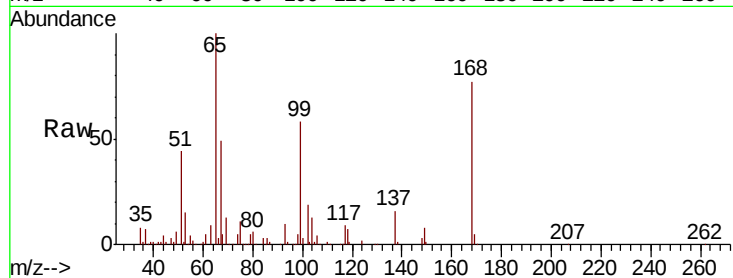




#33
 1,2-Dichloroethane-d4
 Concen: 52.866 ug/l
 RT: 4.87 min Scan# 430
 Delta R.T. 0.02 min
 Lab File: VF060620.D
 Acq: 6 Nov 2018 18:52

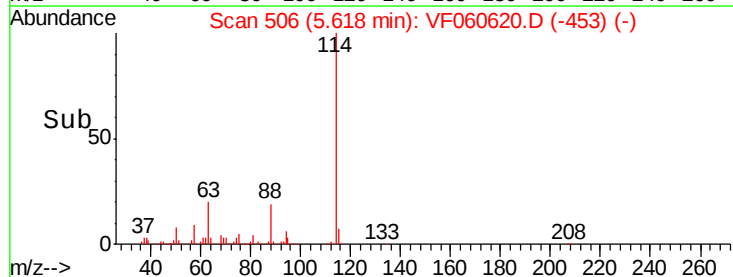
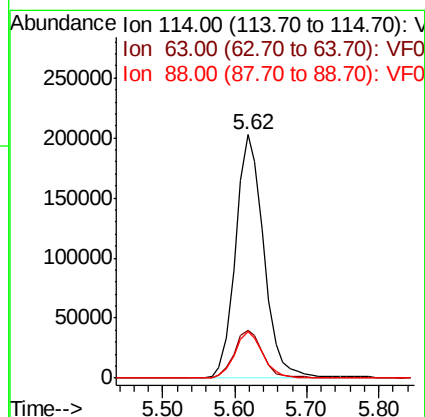
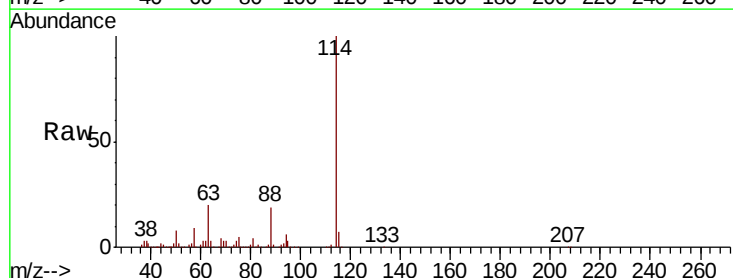
Instrument :
 MSVOA_F
 ClientSampleId :
 BES48_SB04_0.75-1.25

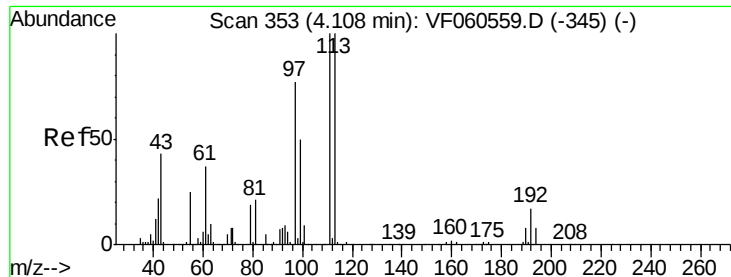
Tot Ion: 65 Resp: 165679
 Ion Ratio Lower Upper
 65 100
 67 49.3 0.0 101.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.62 min Scan# 506
 Delta R.T. 0.02 min
 Lab File: VF060620.D
 Acq: 6 Nov 2018 18:52

Tgt Ion: 114 Resp: 554396
 Ion Ratio Lower Upper
 114 100
 63 19.8 0.0 39.0
 88 19.1 0.0 38.2

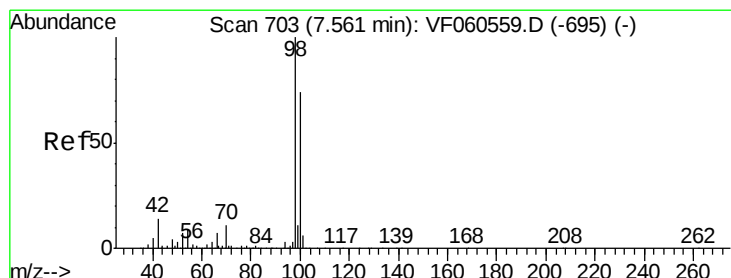
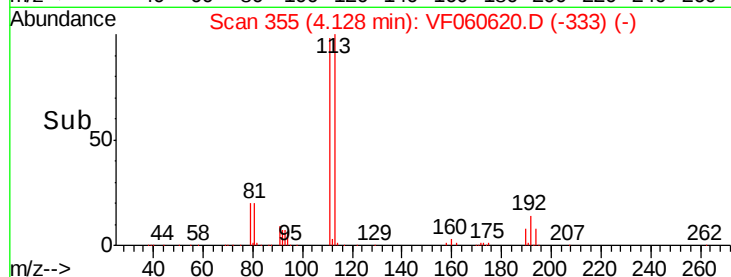
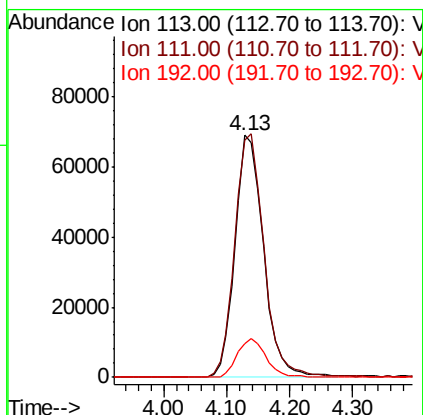
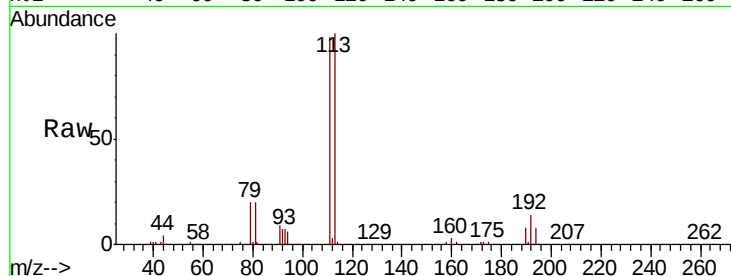




#35
Dibromofluoromethane
Concen: 50.549 ug/l
RT: 4.13 min Scan# 355
Delta R.T. 0.02 min
Lab File: VF060620.D
Acq: 6 Nov 2018 18:52

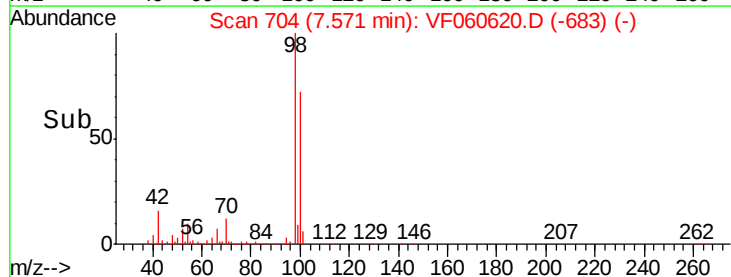
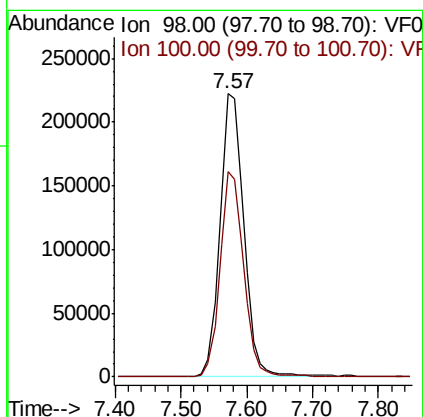
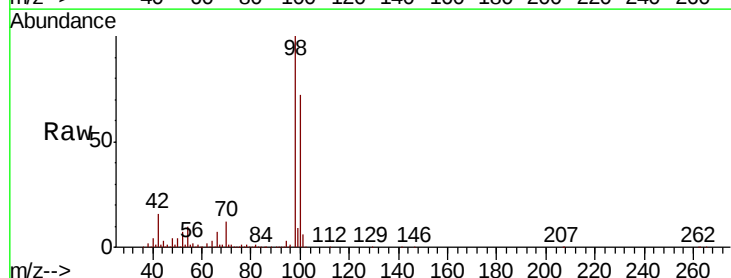
Instrument :
MSVOA_F
ClientSampleId :
BES48_SB04_0.75-1.25

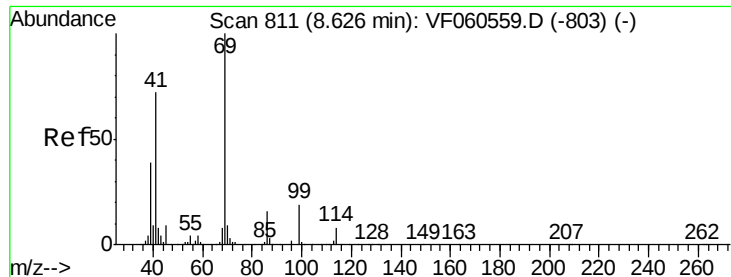
Tot Ion:113 Resp: 216513
Ion Ratio Lower Upper
113 100
111 98.2 79.9 119.9
192 14.1 13.3 19.9



#50
Toluene-d8
Concen: 44.465 ug/l
RT: 7.57 min Scan# 704
Delta R.T. 0.01 min
Lab File: VF060620.D
Acq: 6 Nov 2018 18:52

Tgt Ion: 98 Resp: 564189
Ion Ratio Lower Upper
98 100
100 72.3 59.4 89.2

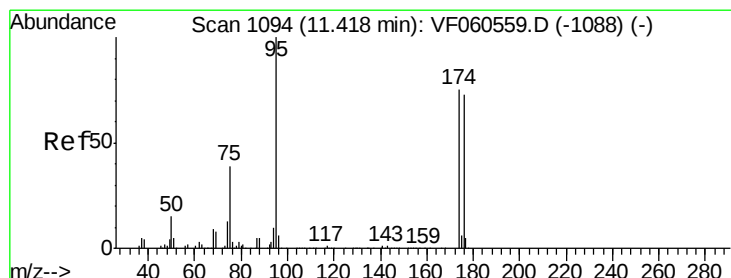
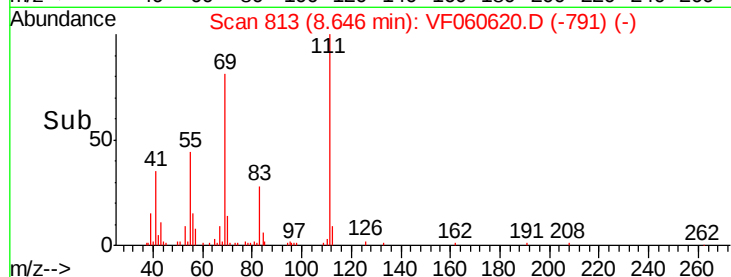
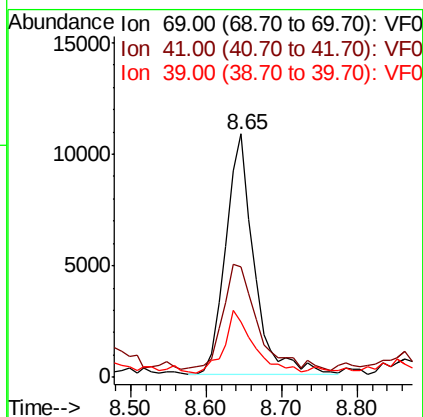
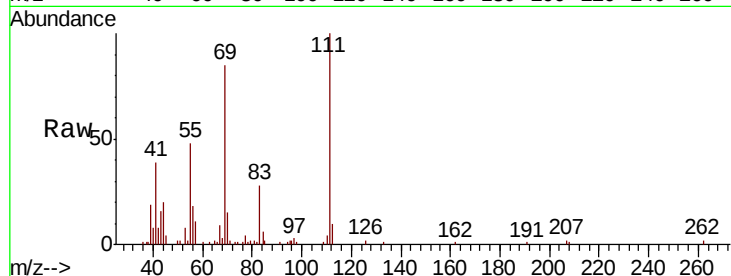




#56
Ethyl methacrylate
Concen: 7.821 ug/l
RT: 8.65 min Scan# 813
Delta R.T. 0.02 min
Lab File: VF060620.D
Acq: 6 Nov 2018 18:52

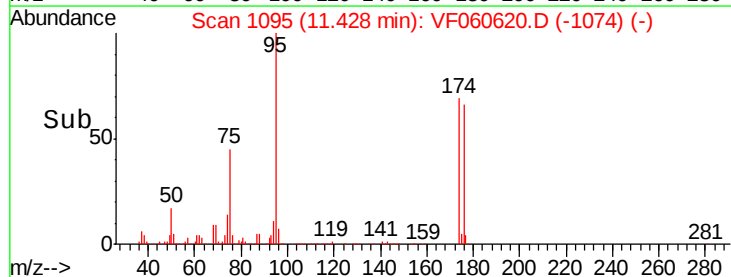
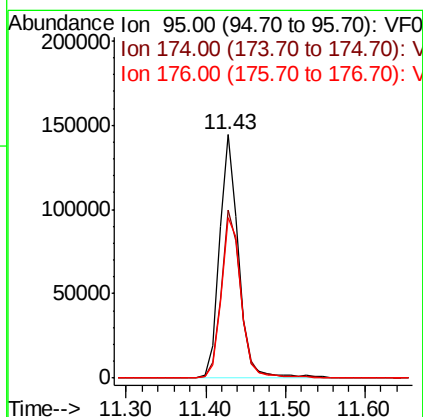
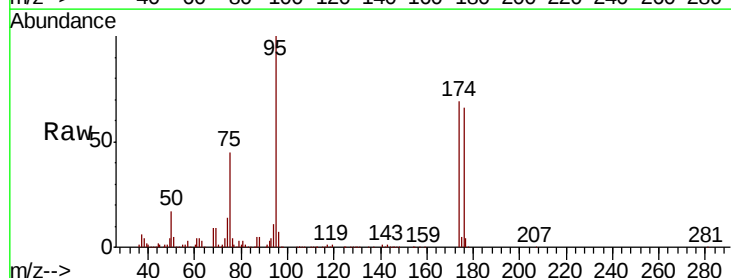
Instrument :
MSVOA_F
ClientSampleId :
BES48_SB04_0.75-1.25

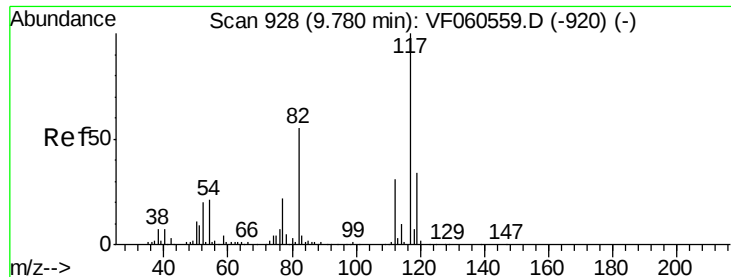
Tot Ion	Ratio	Lower	Upper
69	100		
41	45.6	59.2	88.8#
39	22.6	32.3	48.5#



#62
4-Bromofluorobenzene
Concen: 43.859 ug/l
RT: 11.43 min Scan# 1095
Delta R.T. 0.01 min
Lab File: VF060620.D
Acq: 6 Nov 2018 18:52

Tgt Ion	Ratio	Lower	Upper
95	100		
174	69.2	0.0	149.0
176	65.9	0.0	145.6

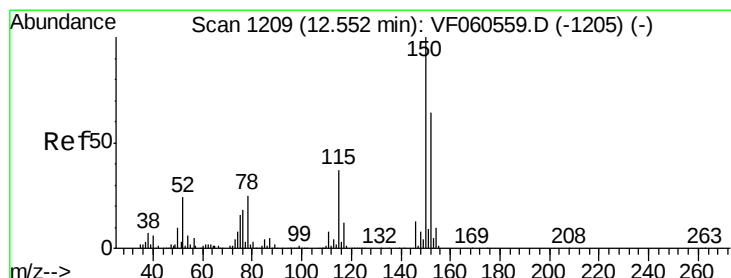
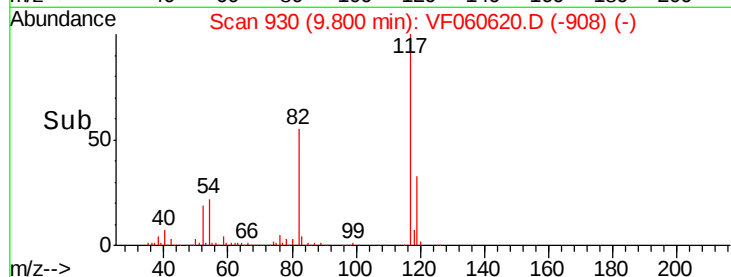
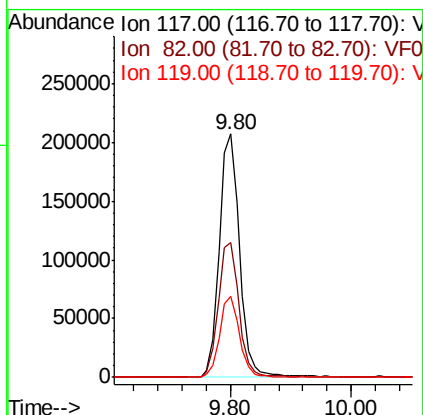
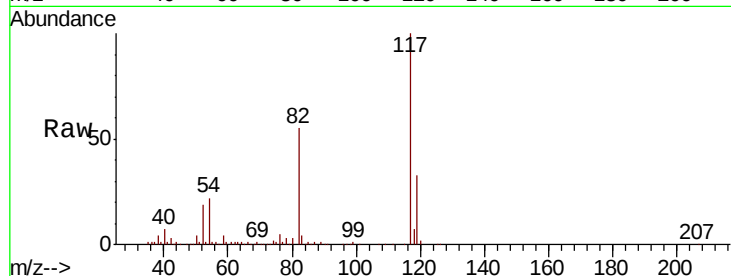




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.80 min Scan# 930
Delta R.T. 0.02 min
Lab File: VF060620.D
Acq: 6 Nov 2018 18:52

Instrument :
MSVOA_F
ClientSampleId :
BES48_SB04_0.75-1.25

Tot Ion:117 Resp: 484162
Ion Ratio Lower Upper
117 100
82 55.2 43.9 65.9
119 33.4 27.4 41.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.56 min Scan# 1210
Delta R.T. 0.01 min
Lab File: VF060620.D
Acq: 6 Nov 2018 18:52

Tgt Ion:152 Resp: 244357
Ion Ratio Lower Upper
152 100
115 60.6 29.6 88.8
150 153.5 0.0 315.6

