

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_F\DATA\VF112718\
 Data File : VF060846.D
 Acq On : 27 Nov 2018 18:51
 Operator : VA/AP
 Sample : J6083-05RE
 Misc : 5.50g/5mL/MSVOA-F/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 WC-3RE

Quant Time: Nov 28 03:10:50 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F112618S.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 27 01:36:26 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	-4.91
34) 1,4-Difluorobenzene	5.33	114	60	50.00	ug/l	-0.31
63) Chlorobenzene-d5	0.00	117	0	0.00	ug/l	-9.81
72) 1,4-Dichlorobenzene-d4	0.00	152	0	0.00	ug/l	-12.57

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	3.81	113	62	130.25	ug/l	-0.34
Spiked Amount	50.000					
			Recovery	=	260.50%	
50) Toluene-d8	0.00	98	0	0.00	ug/l	
Spiked Amount	50.000					
			Recovery	=	0.00%	
62) 4-Bromofluorobenzene	10.95	95	64	100.43	ug/l	-0.49
Spiked Amount	50.000					
			Recovery	=	200.86%	

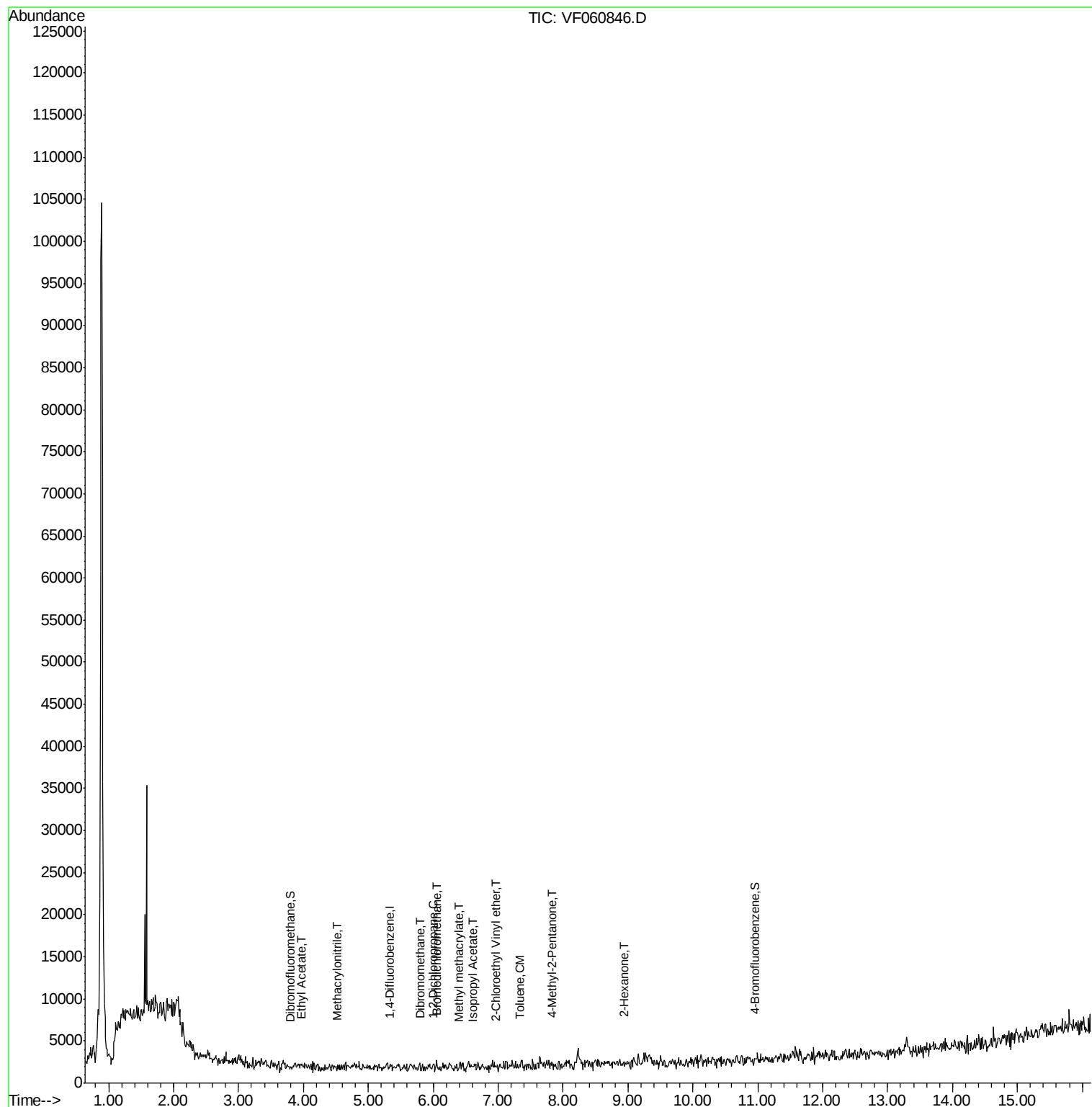
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
37) Ethyl Acetate	3.95	43	357	1320.06	ug/l #	14
41) Methacrylonitrile	4.53	41	156	1203.62	ug/l #	23
43) Isopropyl Acetate	6.60	43	70	218.98	ug/l #	49
45) 1,2-Dichloropropane	5.99	63	72	188.56	ug/l #	46
46) Dibromomethane	5.81	93	66	254.80	ug/l #	6
47) Bromodichloromethane	6.04	83	61	88.67	ug/l #	25
48) Methyl methacrylate	6.39	41	80	326.80	ug/l #	27
51) 4-Methyl-2-Pentanone	7.82	43	289	1158.83	ug/l #	38
52) Toluene	7.32	92	70	67.78	ug/l #	1
58) 2-Chloroethyl Vinyl ether	6.97	63	62	1813.28	ug/l #	46
59) 2-Hexanone	8.93	43	266	1520.32	ug/l	77

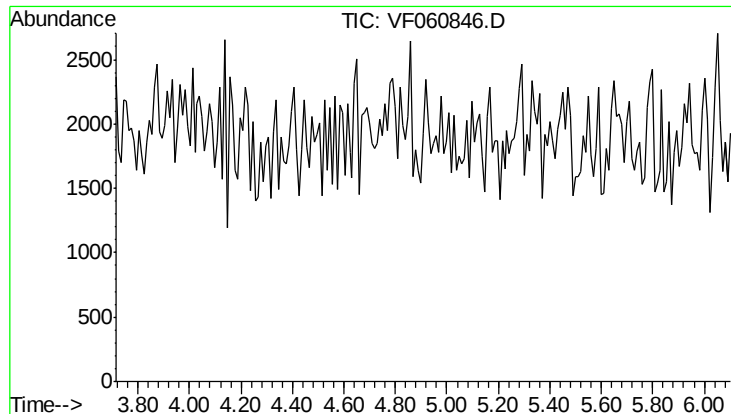
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_F\DATA\VF112718\
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QLast Update : Tue Nov 27 01:36:26 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 0.00 ug/l

Expected RT: 4.91 min

Lab File: VF060846.D

Acq: 27 Nov 2018 18:51

Tgt Ion: 168

Sig Exp Ratio

168 100

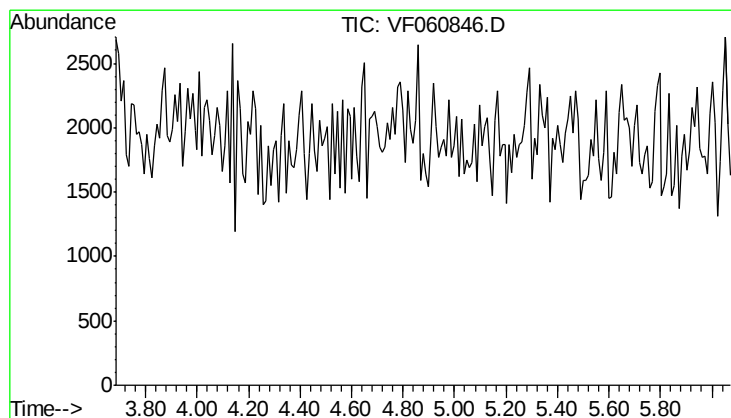
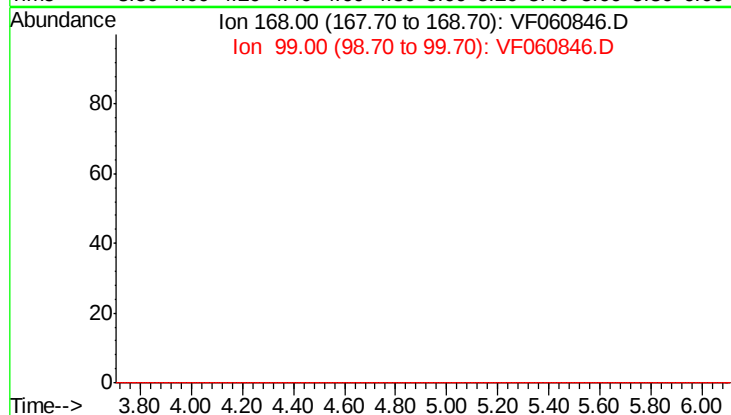
99 65.8

Instrument :

MSVOA_F

ClientSampleId :

WC-3RE



#33

1,2-Dichloroethane-d4

Concen: 0.00 ug/l

Expected RT: 4.88 min

Lab File: VF060846.D

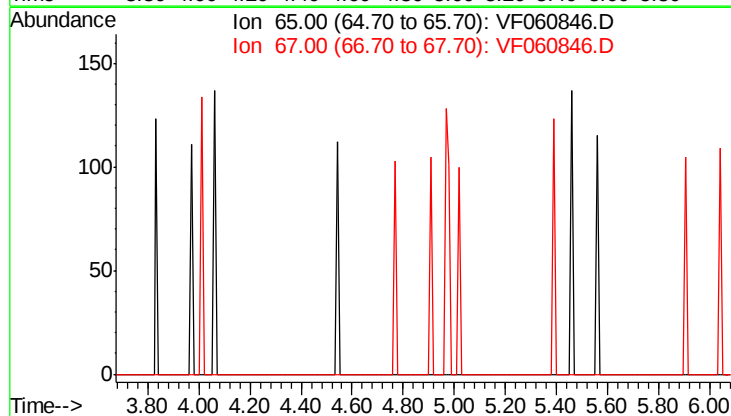
Acq: 27 Nov 2018 18:51

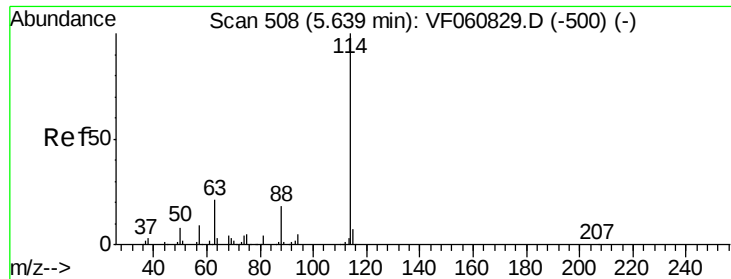
Tgt Ion: 65

Sig Exp Ratio

65 100

67 48.2





#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 5.33 min Scan# 477

Delta R.T. -0.31 min

Lab File: VF060846.D

Acq: 27 Nov 2018 18:51

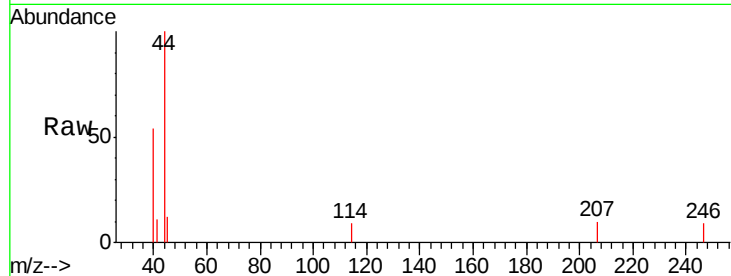
Instrument :

MSVOA_F

ClientSampleId :

WC-3RE

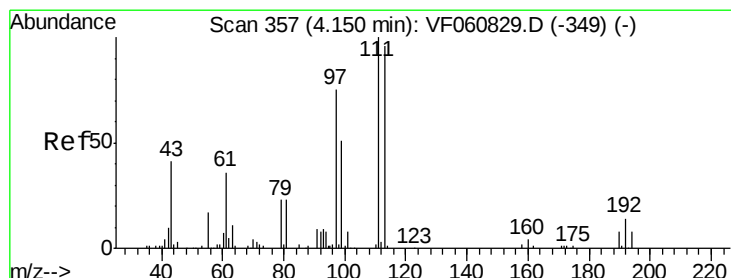
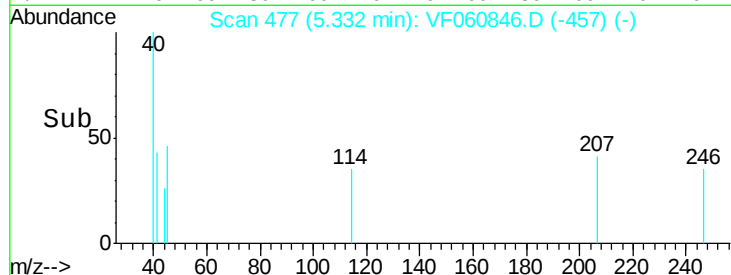
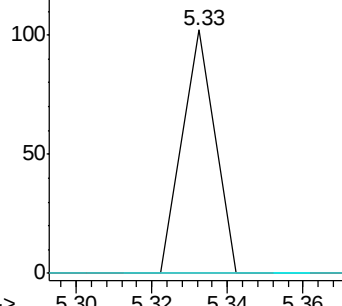
Tgt Ion:	114	Resp:	60
Ion	Ratio	Lower	Upper
114	100		
63	0.0	0.0	41.6
88	0.0	0.0	36.6



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: 130.25 ug/l

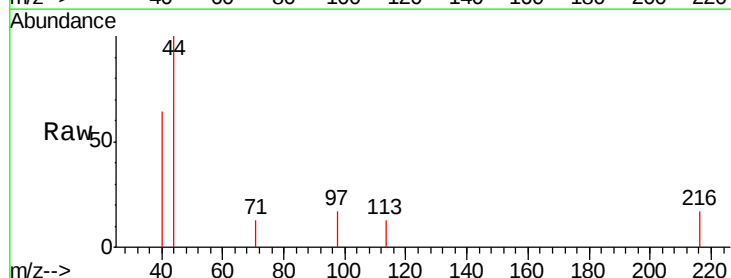
RT: 3.81 min Scan# 323

Delta R.T. -0.34 min

Lab File: VF060846.D

Acq: 27 Nov 2018 18:51

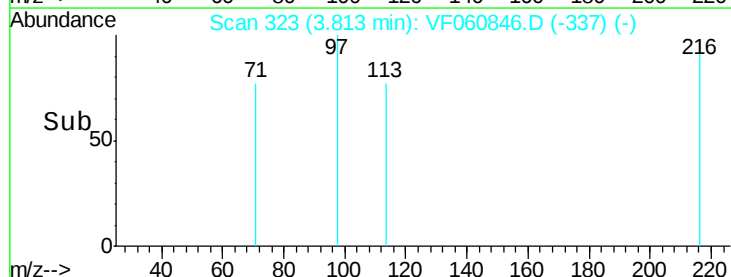
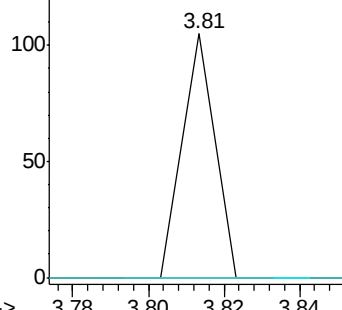
Tgt Ion:	113	Resp:	62
Ion	Ratio	Lower	Upper
113	100		
111	0.0	83.0	124.6#
192	0.0	12.3	18.5#

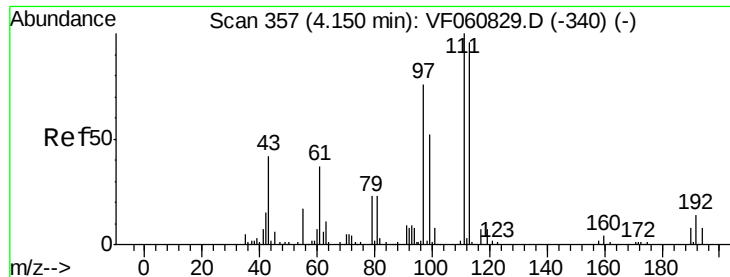


Abundance Ion 113.00 (112.70 to 113.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 192.00 (191.70 to 192.70): V





#37

Ethyl Acetate

Concen: 1320.06 ug/l

RT: 3.95 min Scan# 337

Delta R.T. -0.20 min

Lab File: VF060846.D

Acq: 27 Nov 2018 18:51

Instrument :

MSVOA_F

ClientSampled :

WC-3RE

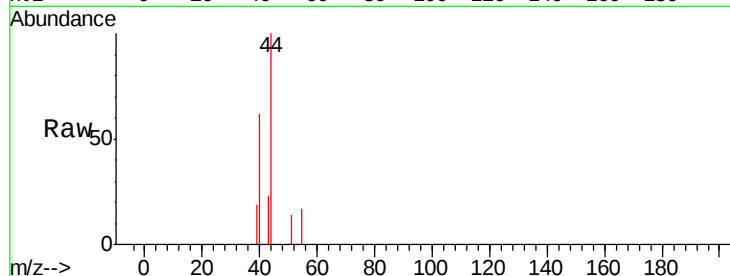
Tgt Ion: 43 Resp: 357

Ion Ratio Lower Upper

43 100

61 0.0 68.6 103.0#

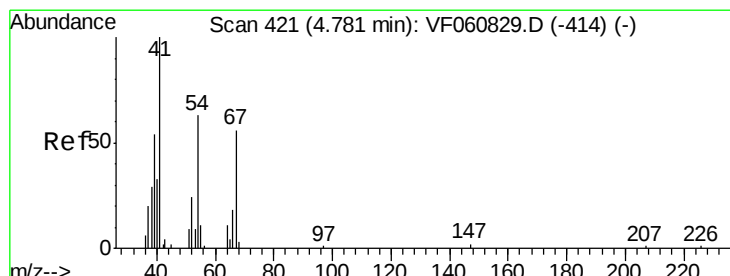
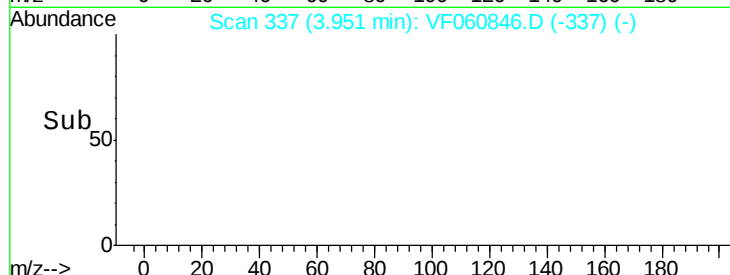
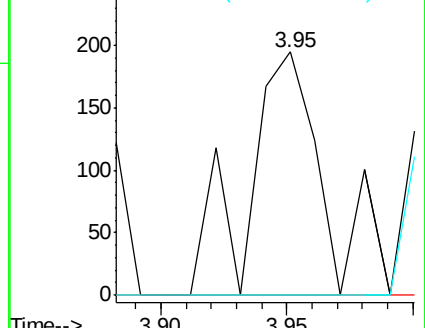
70 0.0 9.0 13.4#



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: 1203.62 ug/l

RT: 4.53 min Scan# 396

Delta R.T. -0.25 min

Lab File: VF060846.D

Acq: 27 Nov 2018 18:51

Tgt Ion: 41 Resp: 156

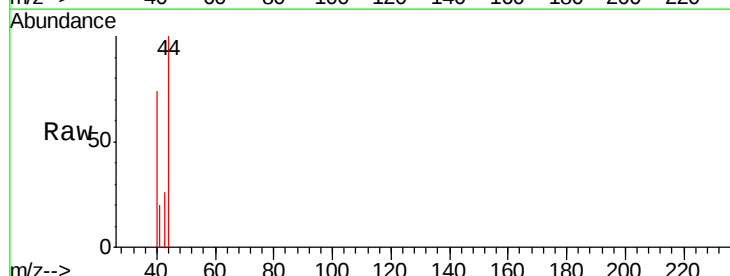
Ion Ratio Lower Upper

41 100

39 0.0 53.0 79.6#

67 0.0 43.8 65.6#

52 0.0 37.8 56.8#

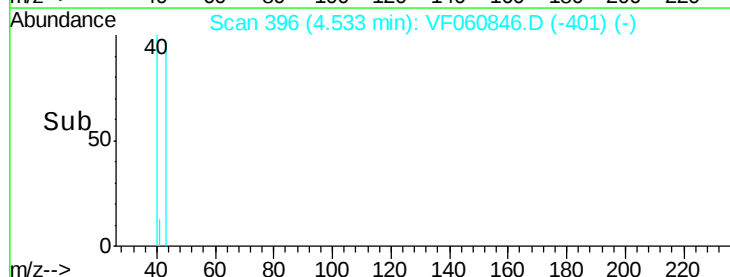
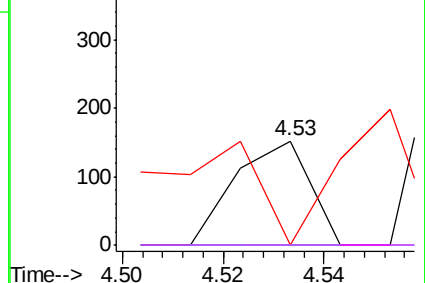


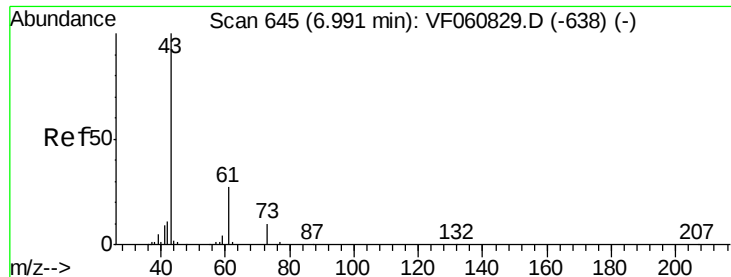
Abundance Ion 41.00 (40.70 to 41.70): VF0

Ion 39.00 (38.70 to 39.70): VF0

Ion 67.00 (66.70 to 67.70): VF0

Ion 52.00 (51.70 to 52.70): VF0





#43

Isopropyl Acetate

Concen: 218.98 ug/l

RT: 6.60 min Scan# 606

Delta R.T. -0.39 min

Lab File: VF060846.D

Acq: 27 Nov 2018 18:51

Instrument :

MSVOA_F

ClientSampleId :

WC-3RE

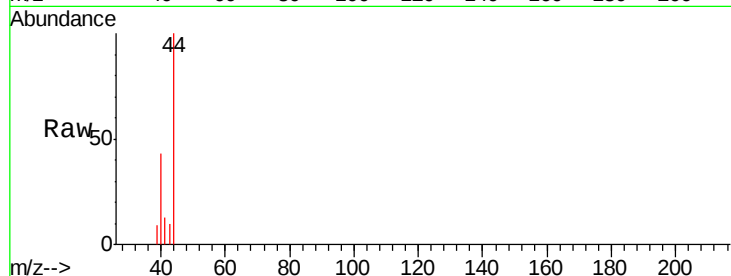
Tgt Ion: 43 Resp: 70

Ion Ratio Lower Upper

43 100

61 0.0 21.4 32.0#

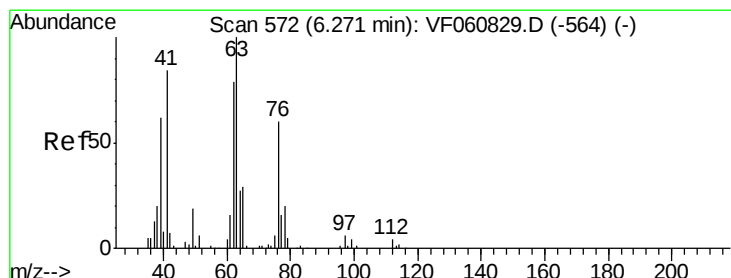
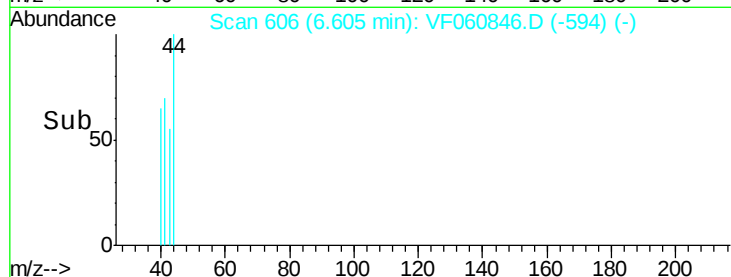
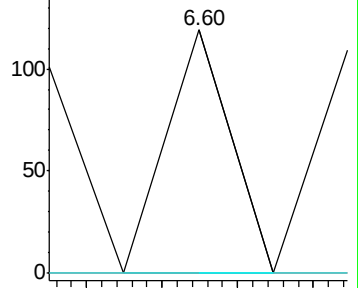
87 0.0 0.2 0.4#



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



#45

1,2-Dichloropropane

Concen: 188.56 ug/l

RT: 5.99 min Scan# 544

Delta R.T. -0.28 min

Lab File: VF060846.D

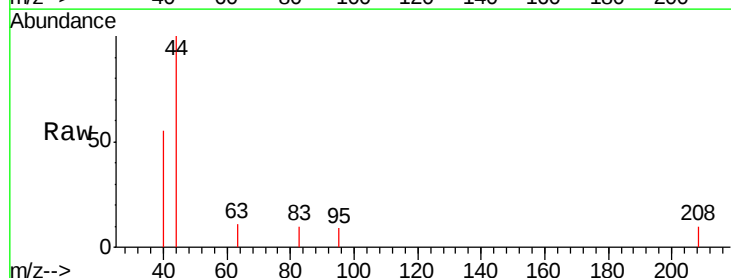
Acq: 27 Nov 2018 18:51

Tgt Ion: 63 Resp: 72

Ion Ratio Lower Upper

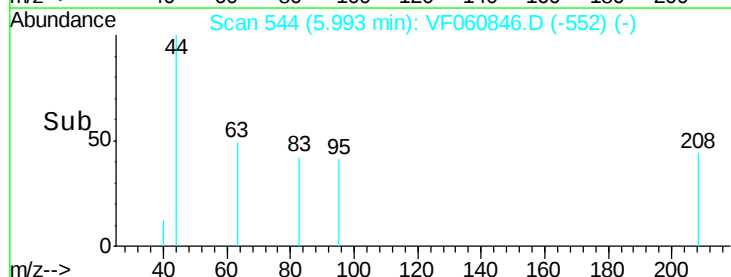
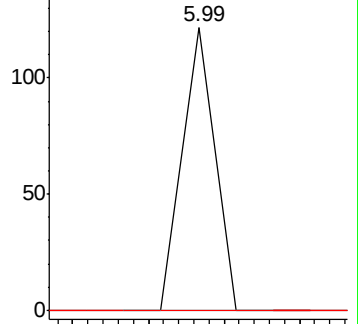
63 100

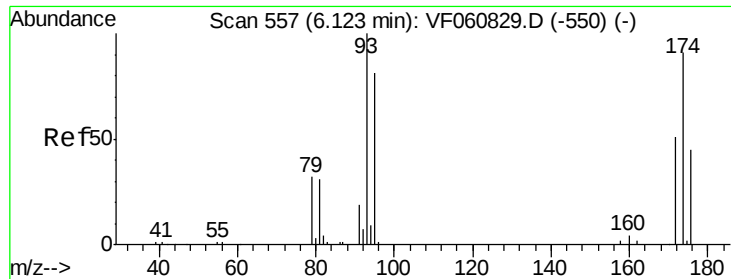
65 0.0 23.2 34.8#



Abundance Ion 63.00 (62.70 to 63.70): VF0

Ion 65.00 (64.70 to 65.70): VF0





#46

Dibromomethane

Concen: 254.80 ug/l

RT: 5.81 min Scan# 525

Delta R.T. -0.32 min

Lab File: VF060846.D

Acq: 27 Nov 2018 18:51

Instrument :

MSVOA_F

ClientSampleId :

WC-3RE

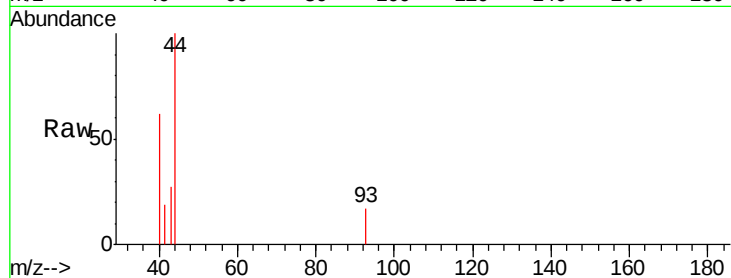
Tgt Ion: 93 Resp: 66

Ion Ratio Lower Upper

93 100

95 0.0 64.7 97.1#

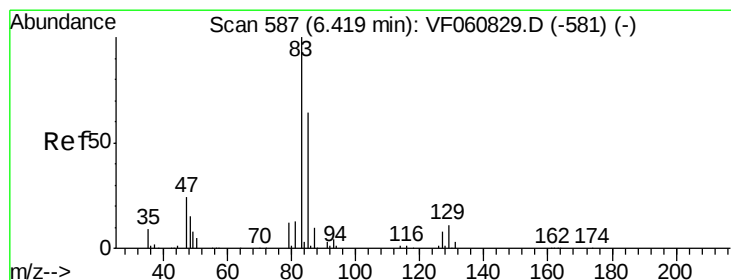
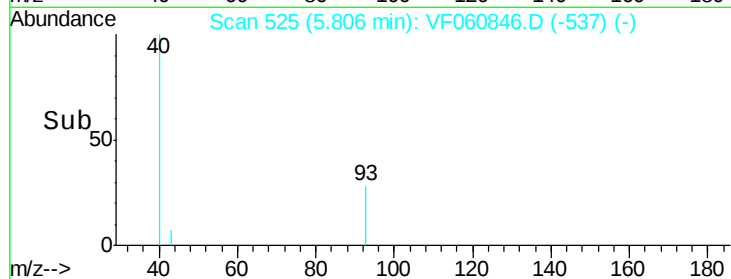
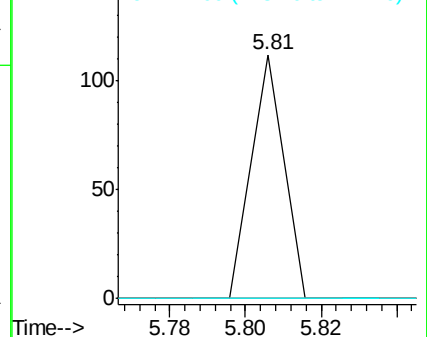
174 0.0 73.0 109.6#



Abundance Ion 93.00 (92.70 to 93.70): VF0

Ion 95.00 (94.70 to 95.70): VF0

Ion 174.00 (173.70 to 174.70): V



#47

Bromodichloromethane

Concen: 88.67 ug/l

RT: 6.04 min Scan# 549

Delta R.T. -0.38 min

Lab File: VF060846.D

Acq: 27 Nov 2018 18:51

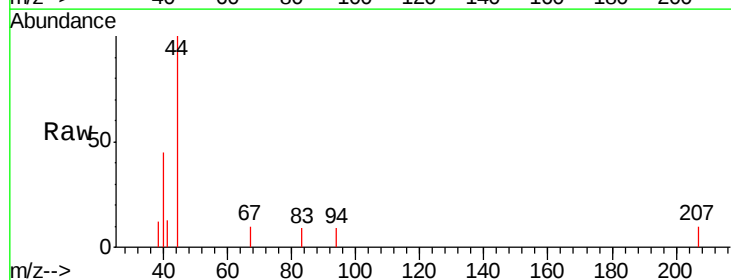
Tgt Ion: 83 Resp: 61

Ion Ratio Lower Upper

83 100

85 0.0 51.1 76.7#

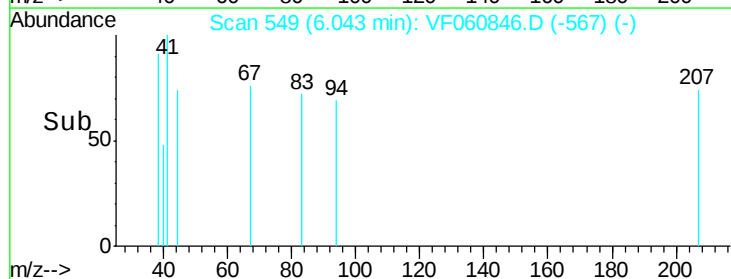
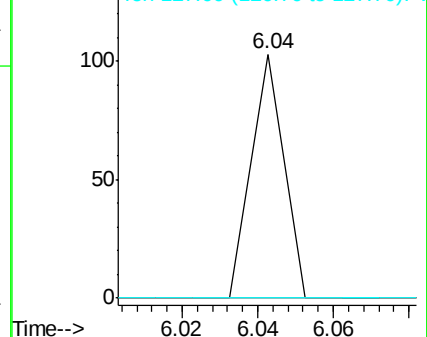
127 0.0 6.8 10.2#

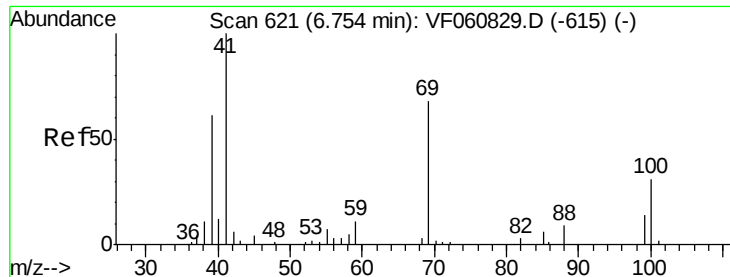


Abundance Ion 83.00 (82.70 to 83.70): VF0

Ion 85.00 (84.70 to 85.70): VF0

Ion 127.00 (126.70 to 127.70): V

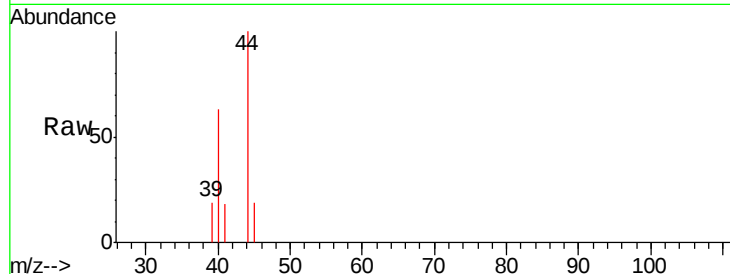




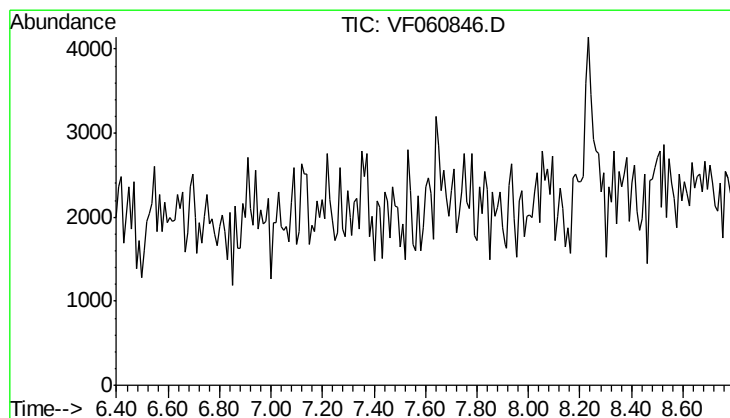
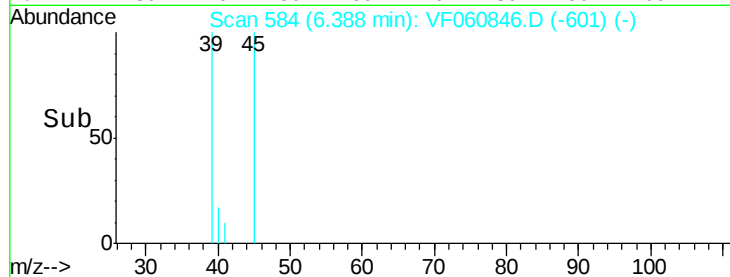
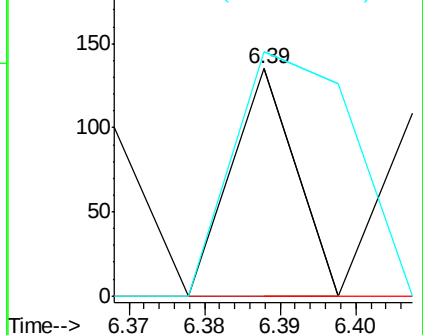
#48
Methyl methacrylate
Concen: 326.80 ug/l
RT: 6.39 min Scan# 584
Delta R.T. -0.37 min
Lab File: VF060846.D
Acq: 27 Nov 2018 18:51

Instrument :
MSVOA_F
ClientSampleId :
WC-3RE

Tgt Ion: 41 Resp: 80
Ion Ratio Lower Upper
41 100
69 0.0 53.9 80.9#
39 107.4 49.0 73.6#



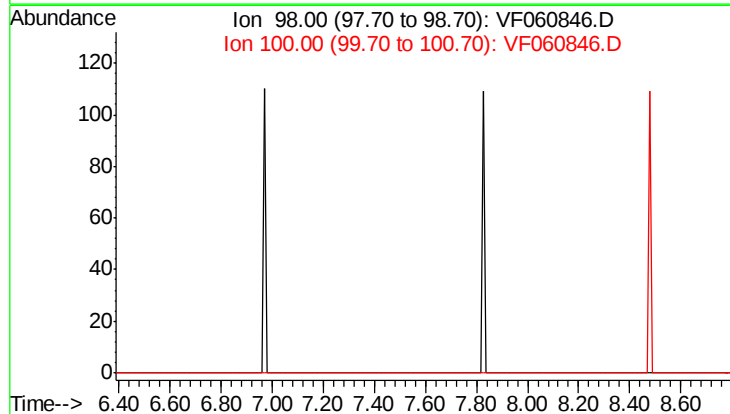
Abundance Ion 41.00 (40.70 to 41.70): VF0
Ion 69.00 (68.70 to 69.70): VF0
Ion 39.00 (38.70 to 39.70): VF0

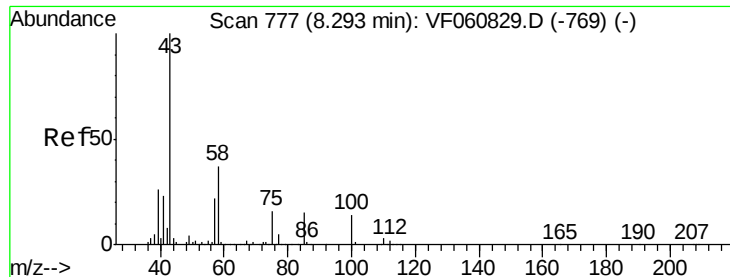


#50
Toluene-d8
Concen: 0.00 ug/l
Expected RT: 7.59 min

Lab File: VF060846.D
Acq: 27 Nov 2018 18:51

Tgt Ion: 98
Sig Exp Ratio
98 100
100 74.1





#51

4-Methyl-2-Pentanone

Concen: 1158.83 ug/l

RT: 7.82 min Scan# 729

Delta R.T. -0.47 min

Lab File: VF060846.D

Acq: 27 Nov 2018 18:51

Instrument :

MSVOA_F

ClientSampleId :

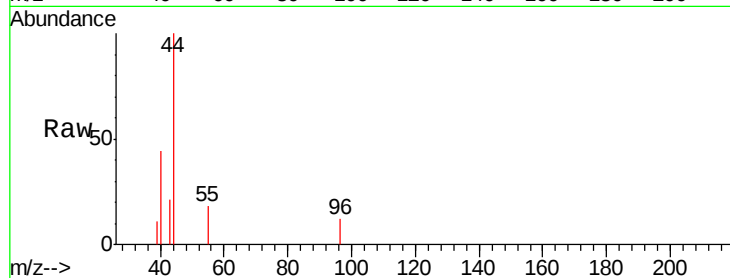
WC-3RE

Tgt Ion: 43 Resp: 289

Ion Ratio Lower Upper

43 100

58 0.0 29.7 44.5#



Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 58.00 (57.70 to 58.70): VF0

7.82

200

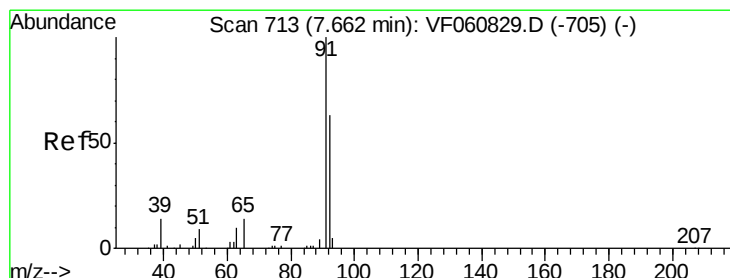
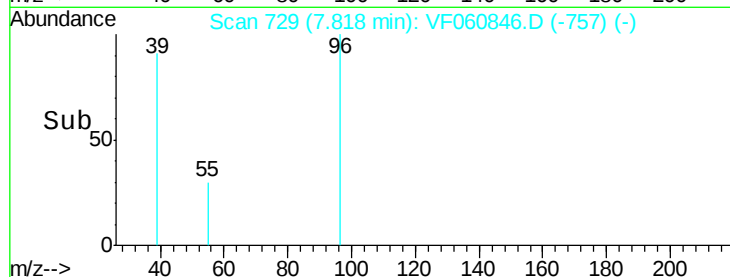
150

100

50

0

Time-->



#52

Toluene

Concen: 67.78 ug/l

RT: 7.32 min Scan# 679

Delta R.T. -0.34 min

Lab File: VF060846.D

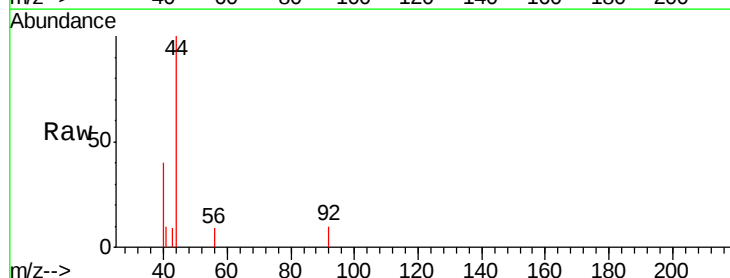
Acq: 27 Nov 2018 18:51

Tgt Ion: 92 Resp: 70

Ion Ratio Lower Upper

92 100

91 0.0 126.2 189.2#



Abundance Ion 92.00 (91.70 to 92.70): VF0

Ion 91.00 (90.70 to 91.70): VF0

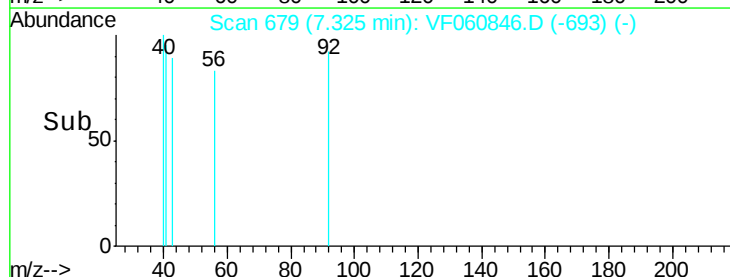
7.32

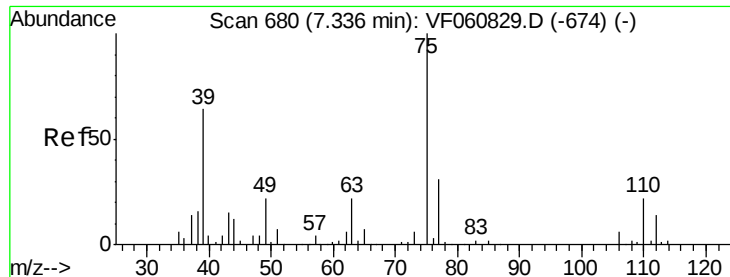
100

50

0

Time-->

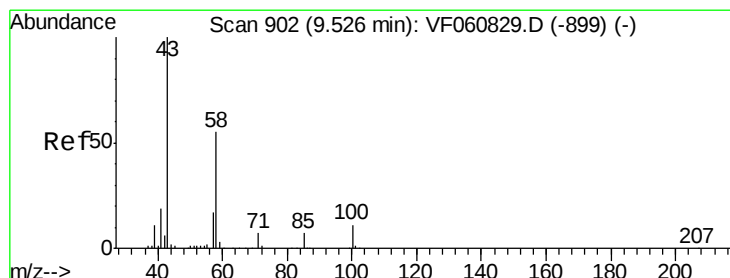
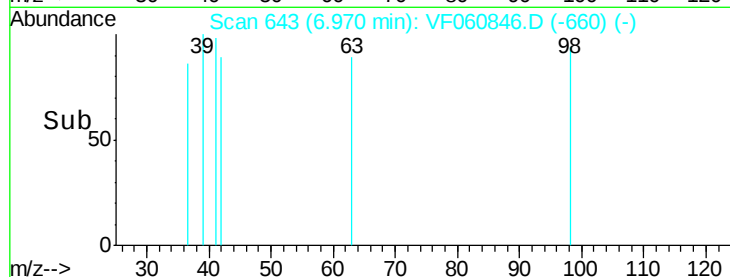
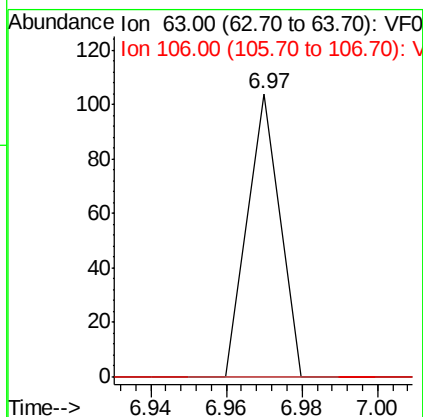
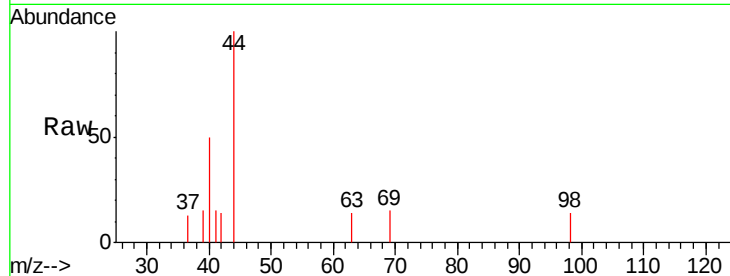




#58
 2-Chloroethyl Vinyl ether
 Concen: 1813.28 ug/l
 RT: 6.97 min Scan# 643
 Delta R.T. -0.37 min
 Lab File: VF060846.D
 Acq: 27 Nov 2018 18:51

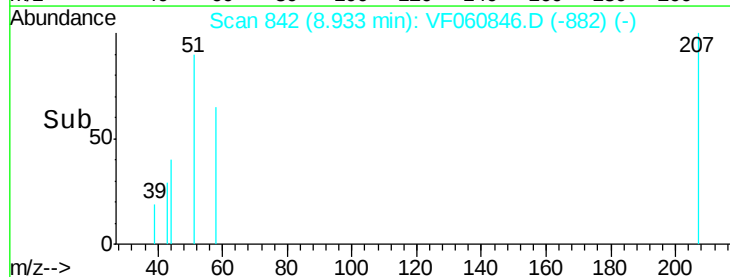
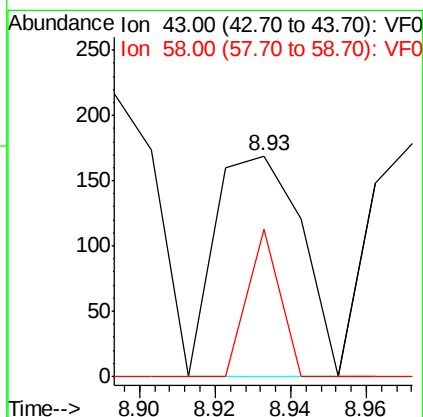
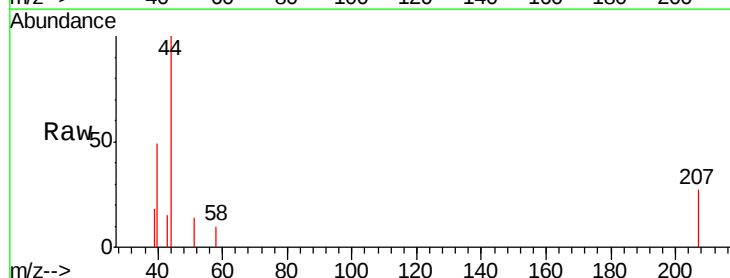
Instrument :
 MSVOA_F
 ClientSampleId :
 WC-3RE

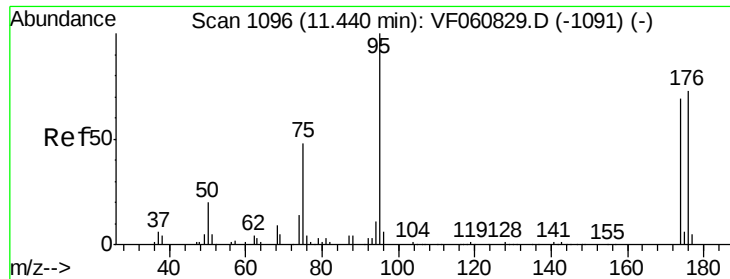
Tgt Ion: 63 Resp: 62
 Ion Ratio Lower Upper
 63 100
 106 0.0 23.0 34.6#



#59
 2-Hexanone
 Concen: 1520.32 ug/l
 RT: 8.93 min Scan# 842
 Delta R.T. -0.59 min
 Lab File: VF060846.D
 Acq: 27 Nov 2018 18:51

Tgt Ion: 43 Resp: 266
 Ion Ratio Lower Upper
 43 100
 58 66.9 25.6 76.6





#62

4-Bromofluorobenzene

Concen: 100.43 ug/l

RT: 10.95 min Scan# 1046

Delta R.T. -0.49 min

Lab File: VF060846.D

Acq: 27 Nov 2018 18:51

Instrument :

MSVOA_F

ClientSampleId :

WC-3RE

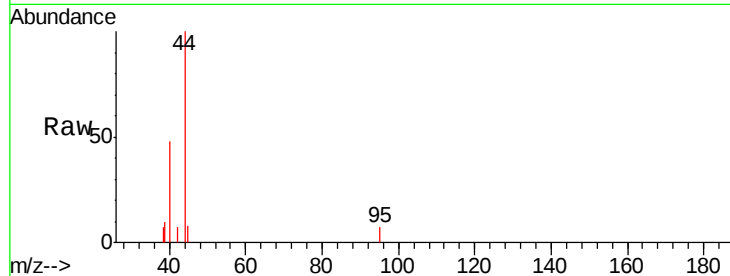
Tgt Ion: 95 Resp: 64

Ion Ratio Lower Upper

95 100

174 0.0 0.0 138.2

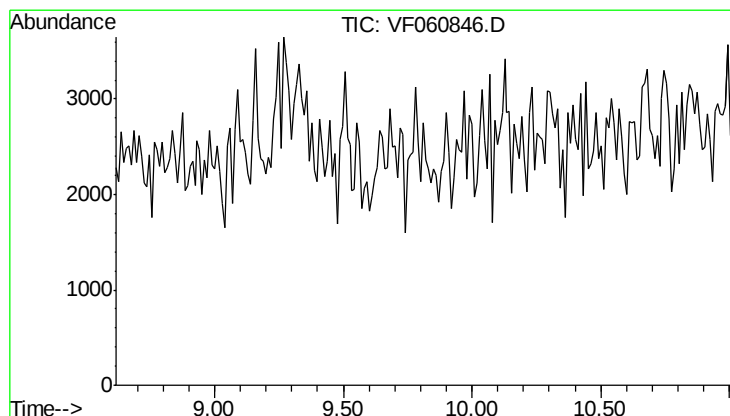
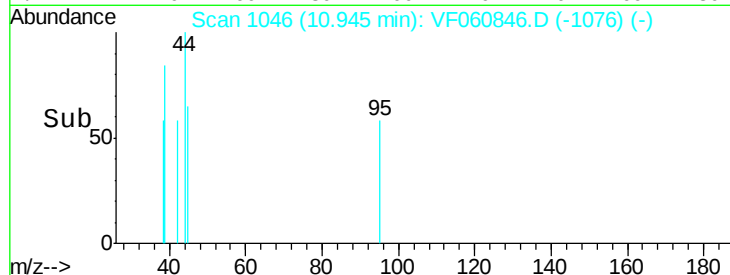
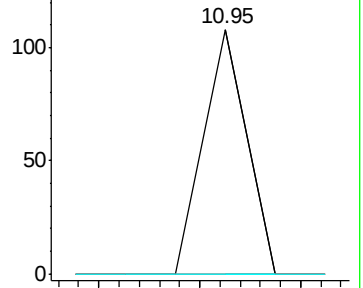
176 0.0 0.0 146.2



Abundance Ion 95.00 (94.70 to 95.70): VF060846.D

Ion 174.00 (173.70 to 174.70): VF060846.D

Ion 176.00 (175.70 to 176.70): VF060846.D



#63

Chlorobenzene-d5

Concen: 0.00 ug/l

Expected RT: 9.81 min

Lab File: VF060846.D

Acq: 27 Nov 2018 18:51

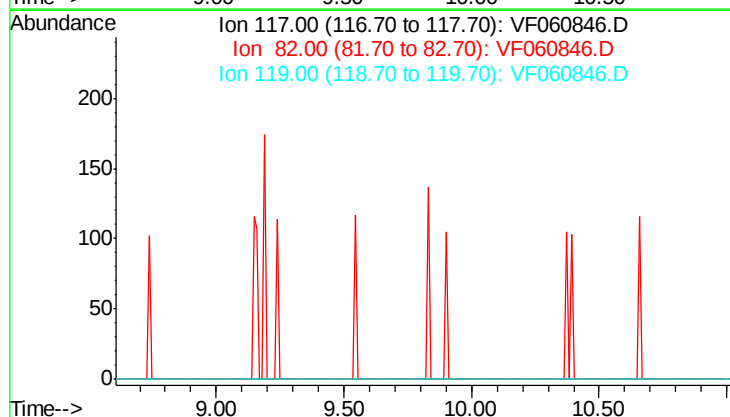
Tgt Ion: 117

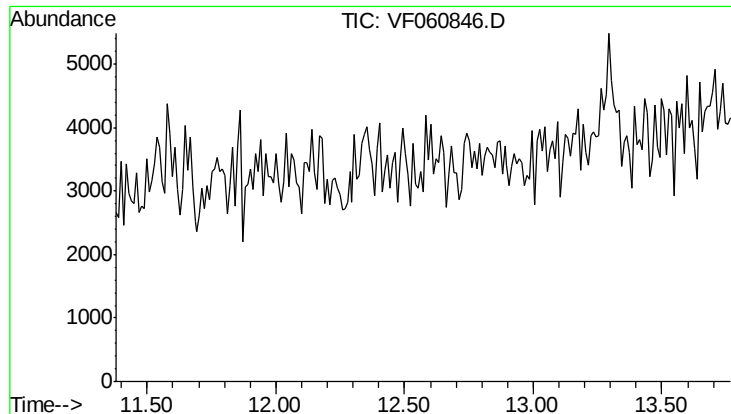
Sig Exp Ratio

117 100

82 58.2

119 33.0





#72
1,4-Dichlorobenzene-d4
Concen: 0.00 ug/l
Expected RT: 12.57 min
Lab File: VF060846.D
Acq: 27 Nov 2018 18:51

Instrument :
MSVOA_F
ClientSampleId :
WC-3RE

Tgt Ion:	152
Sig	Exp Ratio
152	100
115	60.3
150	163.8

