

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF080318\
 Data File : VF059860.D
 Acq On : 4 Aug 2018 1:03
 Operator : VA/AP
 Sample : J4318-05
 Misc : 3.86g/5mL/MSVOA F/SOIL
 ALS Vial : 100 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 BEEBEE-SITE-DEMO-2A

Quant Time: Aug 04 03:21:36 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F073018S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 31 15:23:22 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.04	168	183653	50.00	ug/l	0.01
34) 1,4-Difluorobenzene	5.76	114	278867	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.91	117	267174	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.63	152	158461	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	5.01	65	157202	47.63	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.26%	
35) Dibromofluoromethane	4.29	113	128202	44.26	ug/l	0.01
Spiked Amount	50.000		Recovery	=	88.52%	
50) Toluene-d8	7.71	98	240450	35.60	ug/l	0.00
Spiked Amount	50.000		Recovery	=	71.20%	
62) 4-Bromofluorobenzene	11.51	95	119439	31.94	ug/l	0.00
Spiked Amount	50.000		Recovery	=	63.88%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	0.98	85	196	Below Cal	#	44
3) Chloromethane	1.11	50	727	Below Cal	#	38
4) Vinyl Chloride	1.14	62	76	Below Cal	#	1
5) Bromomethane	1.49	94	455	Below Cal		98
6) Chloroethane	1.40	64	65	Below Cal	#	35
10) Methyl Iodide	1.96	142	74	Below Cal	#	41
11) Tert butyl alcohol	2.69	59	186	Below Cal	#	1
13) Acrolein	2.13	56	204	18.80	ug/l	84
15) Acrylonitrile	3.09	53	273	1.34	ug/l	# 80
16) Acetone	2.33	43	798	1.34	ug/l	# 68
17) Carbon Disulfide	1.88	76	632	Below Cal	#	71
18) Methyl Acetate	2.45	43	1264	Below Cal	#	64
20) Methylene Chloride	2.27	84	5525	Below Cal		82
21) trans-1,2-Dichloroethene	2.40	96	199	Below Cal	#	31
31) Cyclohexane	3.90	56	283	Below Cal	#	15
36) 1,1-Dichloropropene	4.43	75	160	Below Cal	#	1
37) Ethyl Acetate	4.30	43	498	Below Cal	#	19
39) Methylcyclohexane	5.63	83	259	Below Cal	#	13
41) Methacrylonitrile	4.92	41	256	Below Cal	#	47
44) Trichloroethene	5.71	130	99	Below Cal		2
49) 1,4-Dioxane	7.00	88	61	Below Cal	#	21
52) Toluene	7.77	92	447	Below Cal	#	23
68) m/p-Xylenes	10.26	106	354	Below Cal	#	20
78) n-propylbenzene	11.70	91	628	Below Cal		84
79) 2-Chlorotoluene	11.82	91	99	Below Cal	#	22
80) 1,3,5-Trimethylbenzene	11.91	105	97	Below Cal	#	31
82) 4-Chlorotoluene	11.99	91	352	Below Cal	#	69
84) 1,2,4-Trimethylbenzene	12.28	105	662	Below Cal	#	33
85) sec-Butylbenzene	12.39	105	280	Below Cal	#	56
86) p-Isopropyltoluene	12.54	119	213	Below Cal	#	1
87) 1,3-Dichlorobenzene	12.56	146	169	Below Cal	#	41
88) 1,4-Dichlorobenzene	12.64	146	543	Below Cal	#	30
89) n-Butylbenzene	12.92	91	608	Below Cal	#	67
93) 1,2,4-Trichlorobenzene	14.26	180	114	Below Cal	#	12

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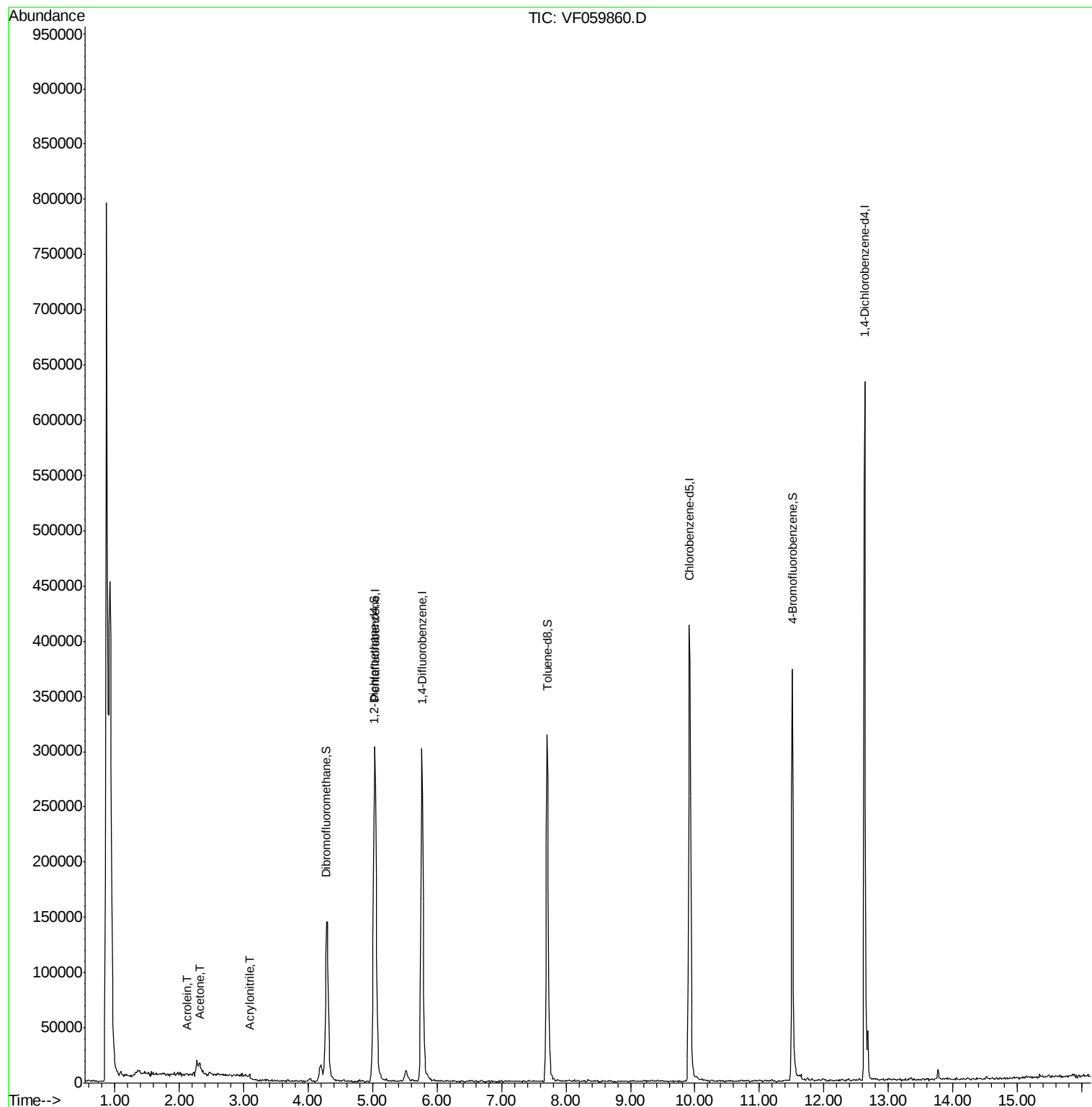
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

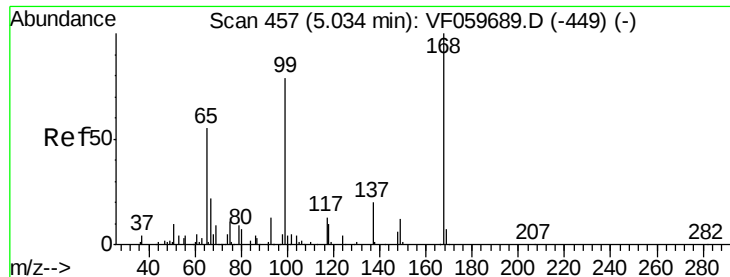
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.04 min Scan# 458

Delta R.T. 0.01 min

Lab File: VF059860.D

Acq: 4 Aug 2018 1:03

Instrument :

MSVOA_F

ClientSampleId :

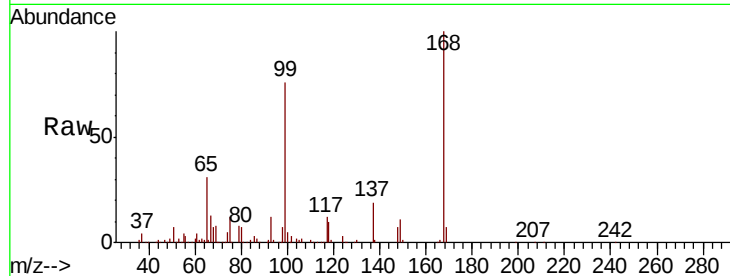
BEEBEE-SITE-DEMO-2A

Tot Ion:168 Resp: 183653

Ion Ratio Lower Upper

168 100

99 76.2 63.3 94.9



Abundance Ion 168.00 (167.70 to 168.70): VF0

Ion 99.00 (98.70 to 99.70): VF0

5.04

60000

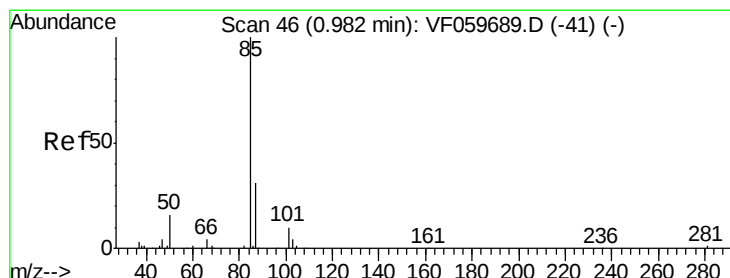
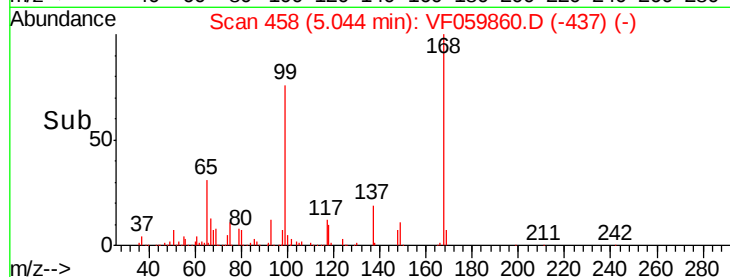
40000

20000

0

Time-->

4.90 5.00 5.10 5.20



#2

Dichlorodifluoromethane

Concen: Below Cal

RT: 0.98 min Scan# 46

Delta R.T. 0.00 min

Lab File: VF059860.D

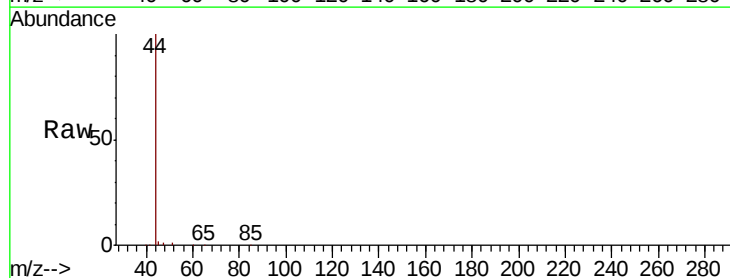
Acq: 4 Aug 2018 1:03

Tgt Ion: 85 Resp: 196

Ion Ratio Lower Upper

85 100

87 0.0 15.3 45.8#



Abundance Ion 85.00 (84.70 to 85.70): VF0

Ion 87.00 (86.70 to 87.70): VF0

0.98

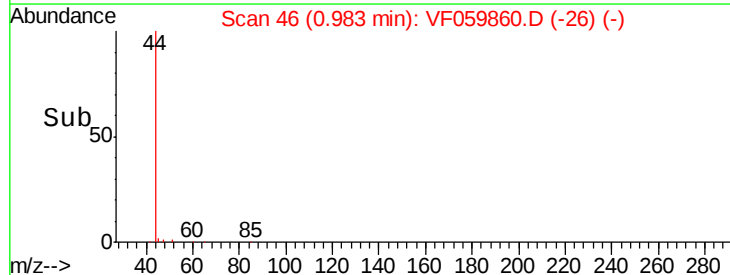
100

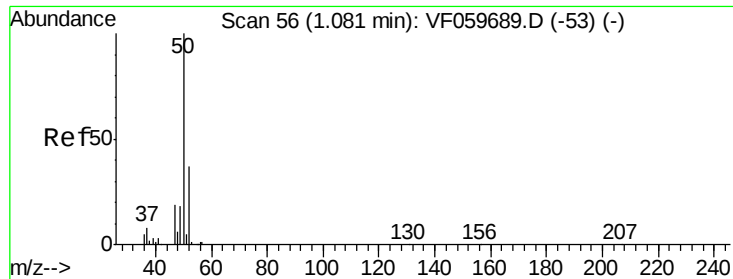
50

0

Time-->

0.95 1.00





#3

Chloromethane

Concen: Below Cal

RT: 1.11 min Scan# 59

Delta R.T. 0.03 min

Lab File: VF059860.D

Acq: 4 Aug 2018 1:03

Instrument :

MSVOA_F

ClientSampleId :

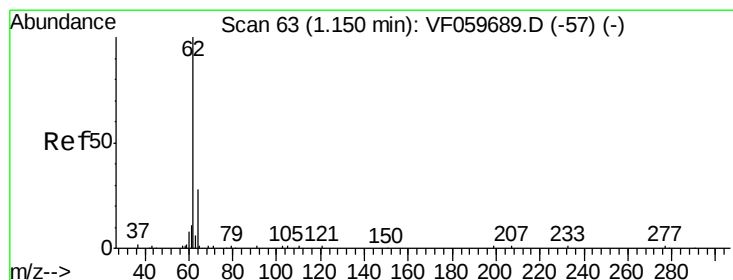
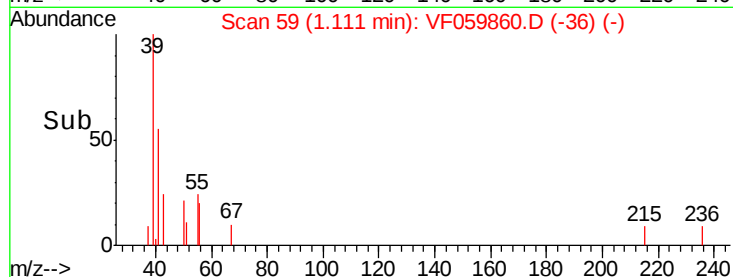
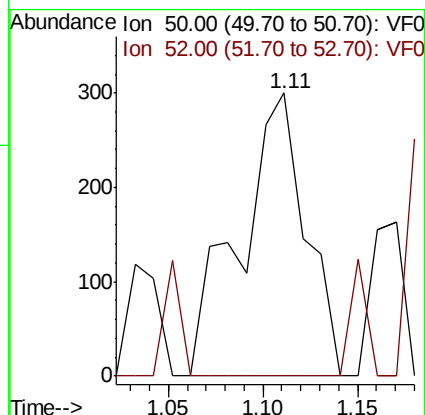
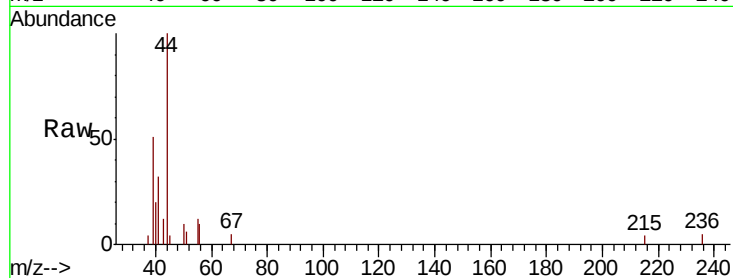
BEEBEE-SITE-DEMO-2A

Tot Ion: 50 Resp: 727

Ion Ratio Lower Upper

50 100

52 0.0 29.1 43.7#



#4

Vinyl Chloride

Concen: Below Cal

RT: 1.14 min Scan# 62

Delta R.T. -0.01 min

Lab File: VF059860.D

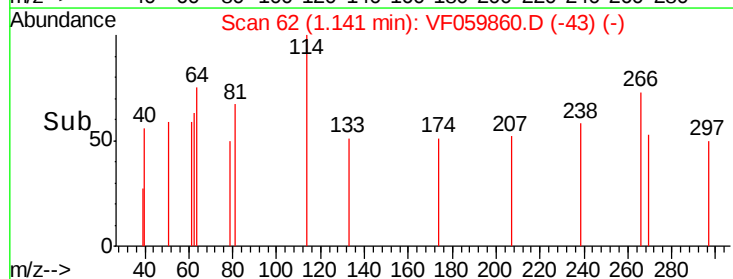
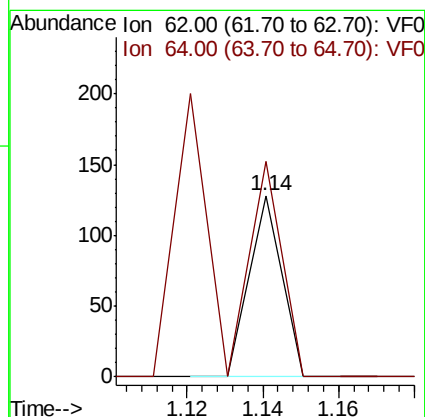
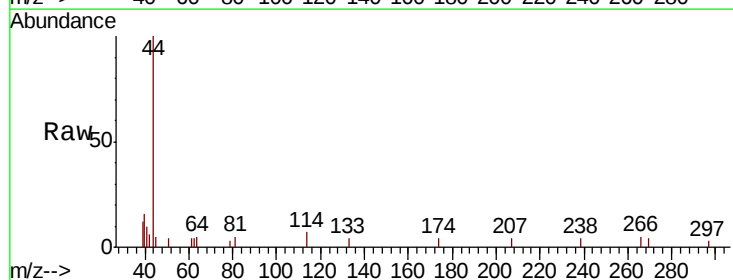
Acq: 4 Aug 2018 1:03

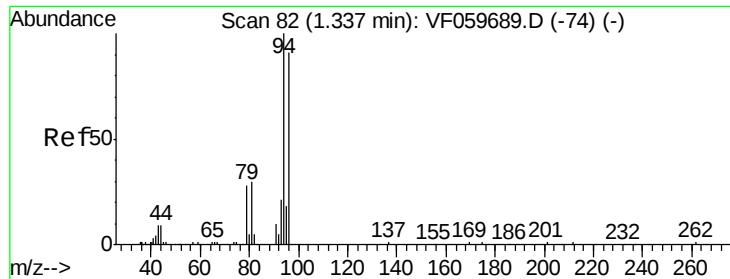
Tgt Ion: 62 Resp: 76

Ion Ratio Lower Upper

62 100

64 118.8 22.6 33.8#





#5

Bromomethane

Concen: Below Cal

RT: 1.49 min Scan# 97

Delta R.T. 0.15 min

Lab File: VF059860.D

Acq: 4 Aug 2018 1:03

Instrument :

MSVOA_F

ClientSampleId :

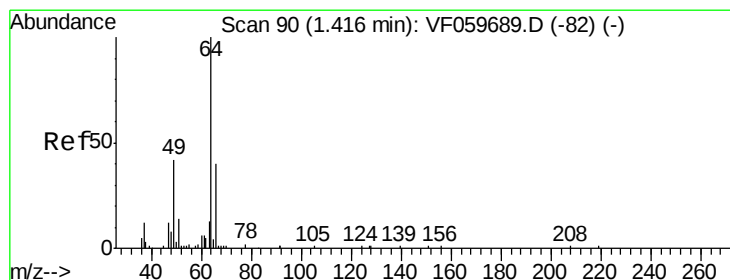
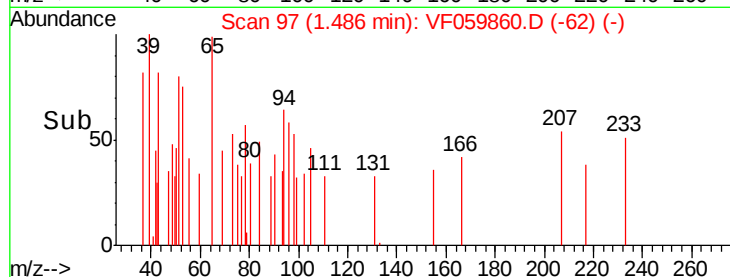
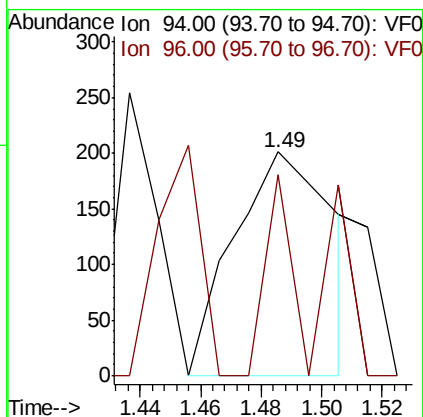
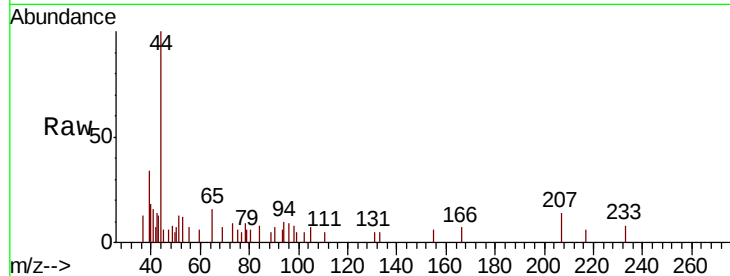
BEEBEE-SITE-DEMO-2A

Tot Ion: 94 Resp: 455

Ion Ratio Lower Upper

94 100

96 90.0 73.6 110.4



#6

Chloroethane

Concen: Below Cal

RT: 1.40 min Scan# 88

Delta R.T. -0.02 min

Lab File: VF059860.D

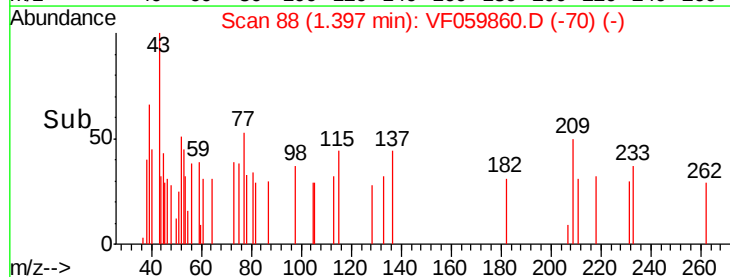
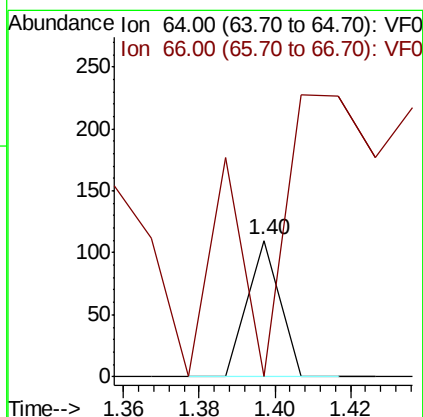
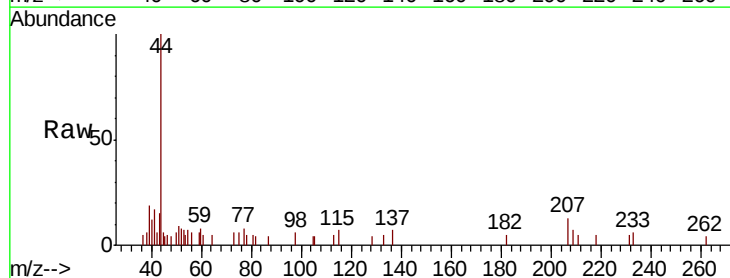
Acq: 4 Aug 2018 1:03

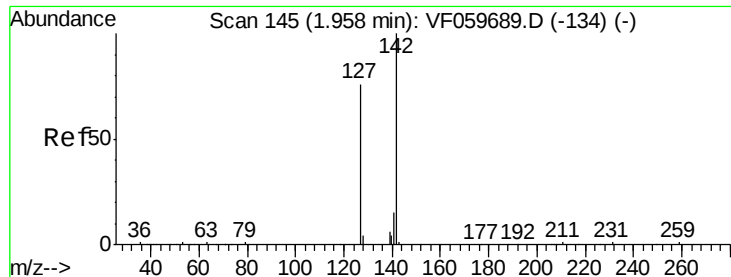
Tgt Ion: 64 Resp: 65

Ion Ratio Lower Upper

64 100

66 0.0 32.6 49.0#





#10

Methvl Iodide

Concen: Below Cal

RT: 1.96 min Scan# 145

Delta R.T. 0.00 min

Lab File: VF059860.D

Acq: 4 Aug 2018 1:03

Instrument :

MSVOA_F

ClientSampleId :

BEEBEE-SITE-DEMO-2A

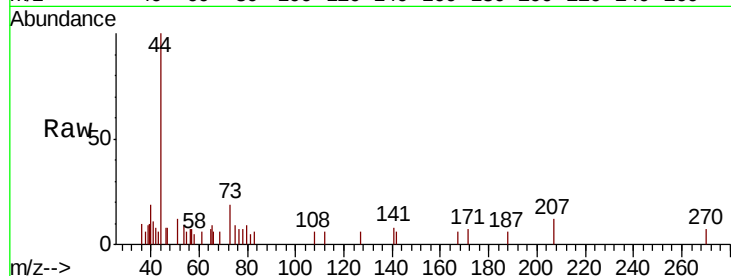
Tot Ion:142 Resp: 74

Ion Ratio Lower Upper

142 100

127 89.6 60.6 91.0

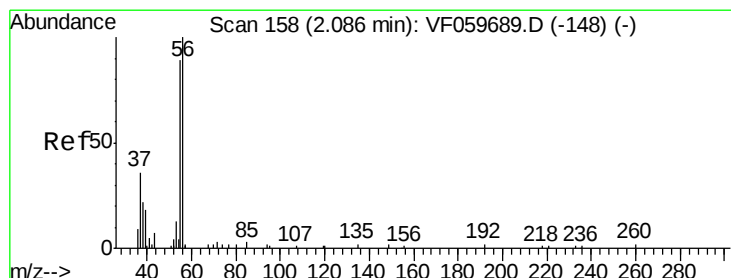
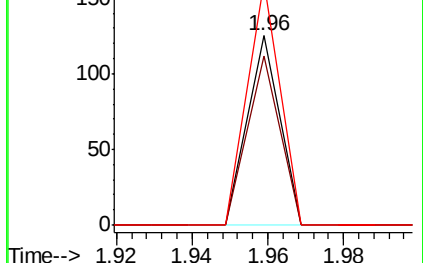
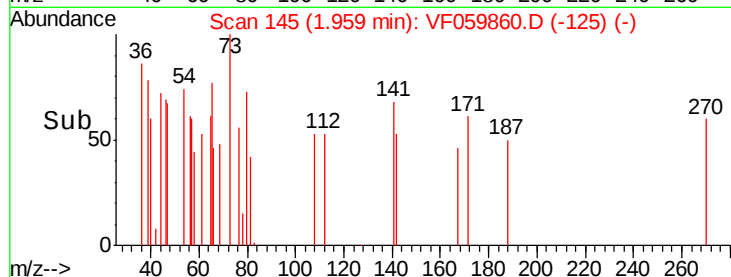
141 128.8 12.0 18.0#



Abundance Ion 142.00 (141.70 to 142.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 141.00 (140.70 to 141.70): V



#13

Acrolein

Concen: 18.80 ug/l

RT: 2.13 min Scan# 162

Delta R.T. 0.04 min

Lab File: VF059860.D

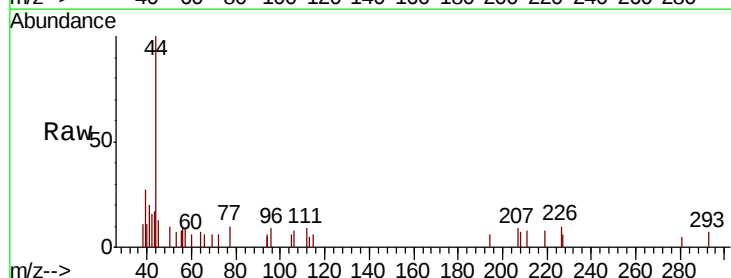
Acq: 4 Aug 2018 1:03

Tgt Ion: 56 Resp: 204

Ion Ratio Lower Upper

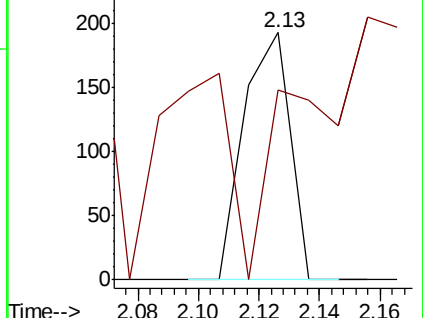
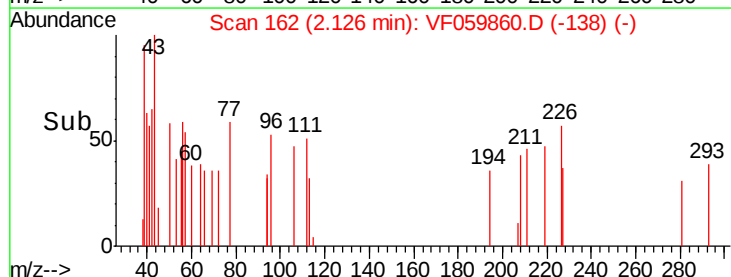
56 100

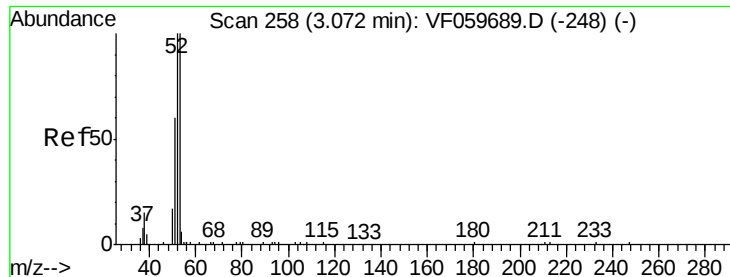
55 76.7 73.2 109.8



Abundance Ion 56.00 (55.70 to 56.70): VF0

Ion 55.00 (54.70 to 55.70): VF0





#15

Acrylonitrile

Concen: 1.34 ug/l

RT: 3.09 min Scan# 260

Delta R.T. 0.02 min

Lab File: VF059860.D

Acq: 4 Aug 2018 1:03

Instrument :

MSVOA_F

ClientSampleId :

BEEBEE-SITE-DEMO-2A

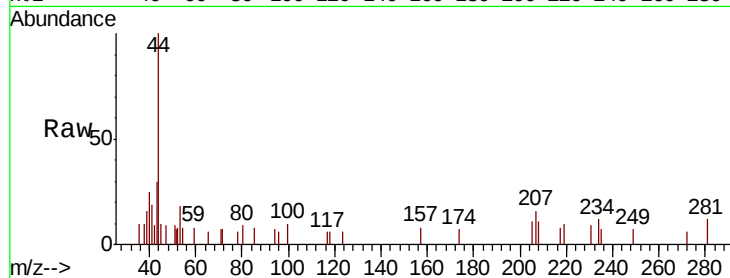
Tot Ion: 53 Resp: 273

Ion Ratio Lower Upper

53 100

52 78.9 80.3 120.5#

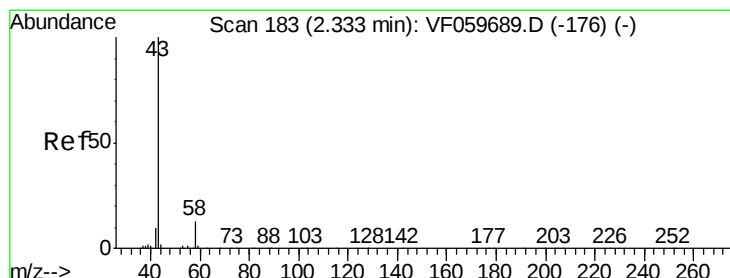
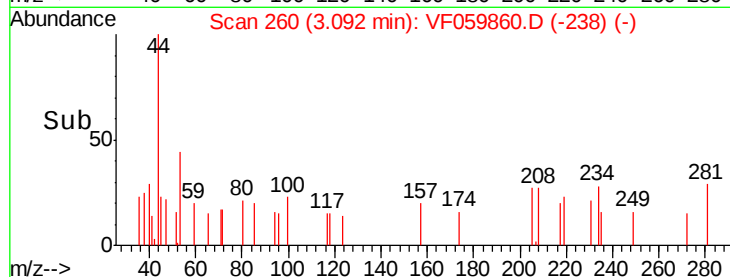
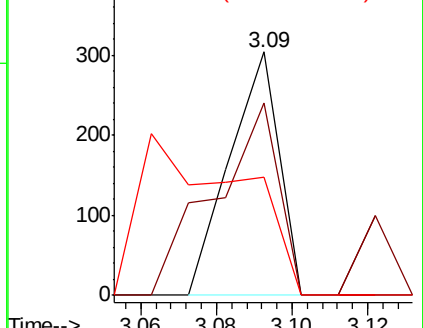
51 48.7 49.4 74.0#



Abundance Ion 53.00 (52.70 to 53.70): VF0

Ion 52.00 (51.70 to 52.70): VF0

Ion 51.00 (50.70 to 51.70): VF0



#16

Acetone

Concen: 1.34 ug/l

RT: 2.33 min Scan# 183

Delta R.T. 0.00 min

Lab File: VF059860.D

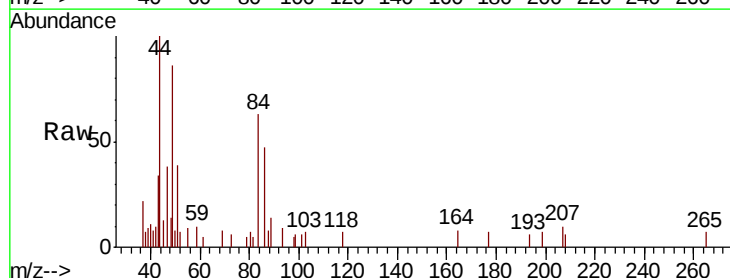
Acq: 4 Aug 2018 1:03

Tgt Ion: 43 Resp: 798

Ion Ratio Lower Upper

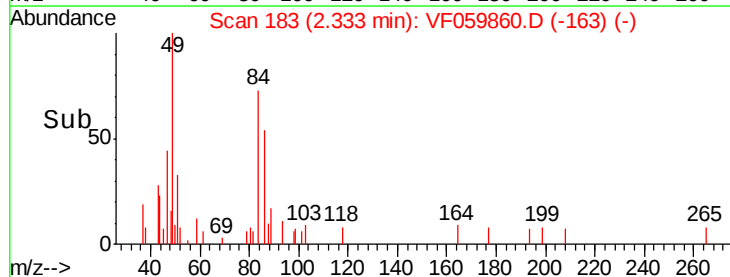
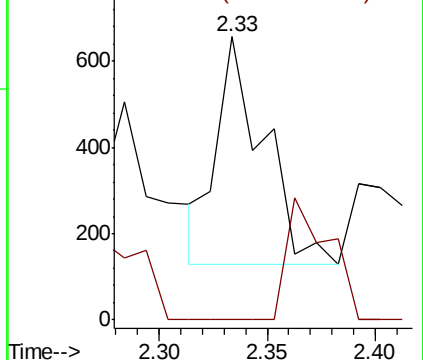
43 100

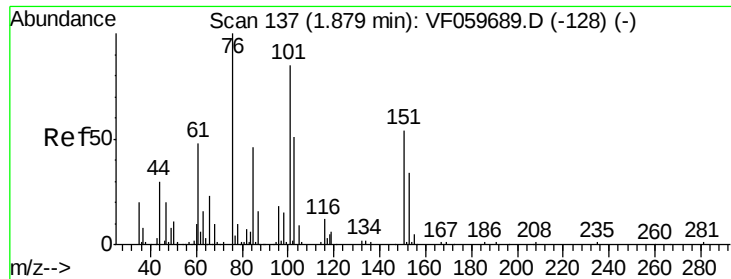
58 0.0 10.1 15.1#



Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 58.00 (57.70 to 58.70): VF0

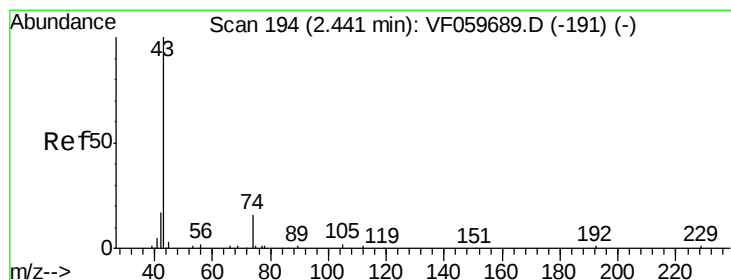
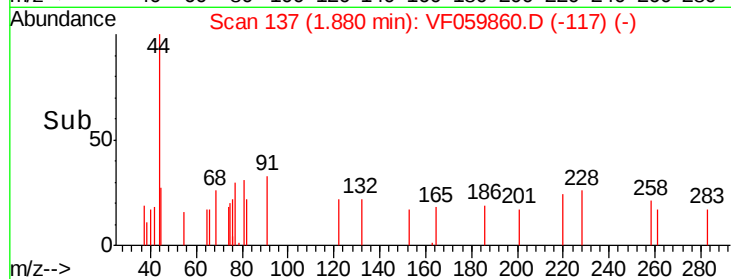
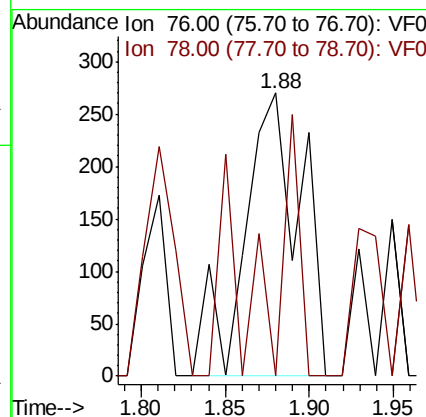
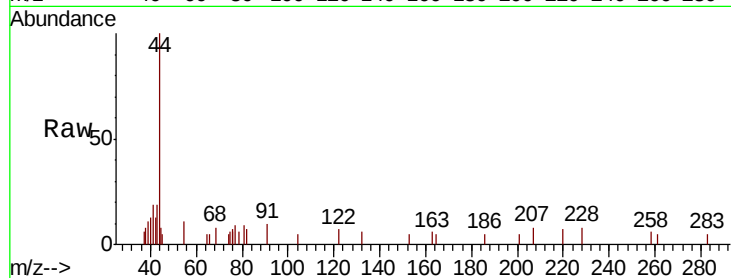




#17
Carbon Disulfide
Concen: Below Cal
RT: 1.88 min Scan# 137
Delta R.T. 0.00 min
Lab File: VF059860.D
Acq: 4 Aug 2018 1:03

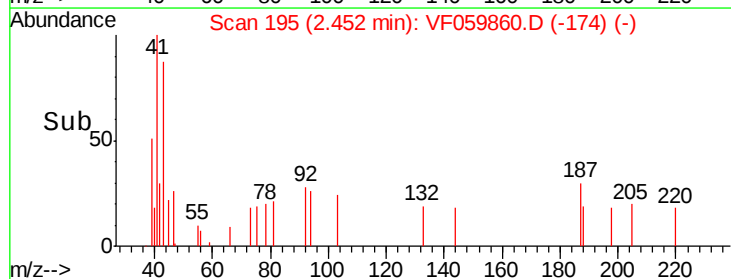
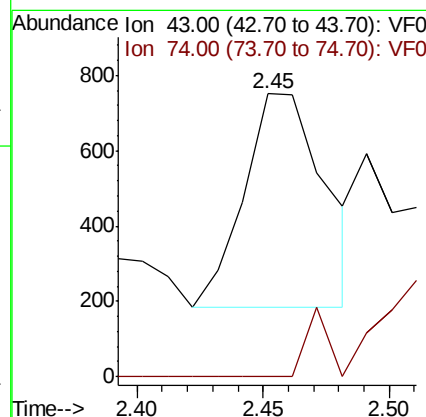
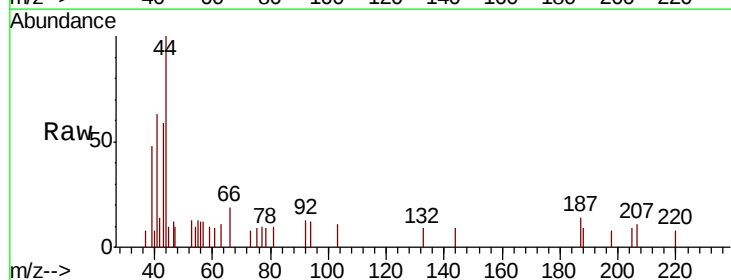
Instrument :
MSVOA_F
ClientSampleId :
BEEBEE-SITE-DEMO-2A

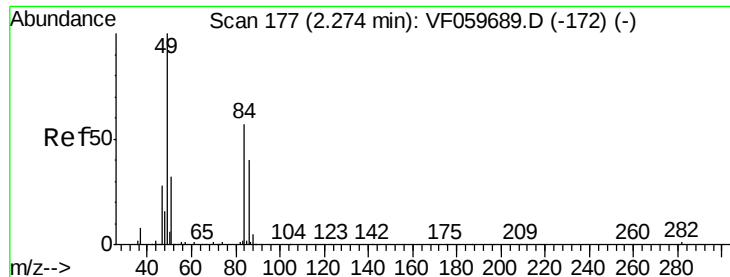
Tot Ion: 76 Resp: 632
Ion Ratio Lower Upper
76 100
78 0.0 8.9 13.3#



#18
Methyl Acetate
Concen: Below Cal
RT: 2.45 min Scan# 195
Delta R.T. 0.01 min
Lab File: VF059860.D
Acq: 4 Aug 2018 1:03

Tgt Ion: 43 Resp: 1264
Ion Ratio Lower Upper
43 100
74 0.0 11.8 17.6#

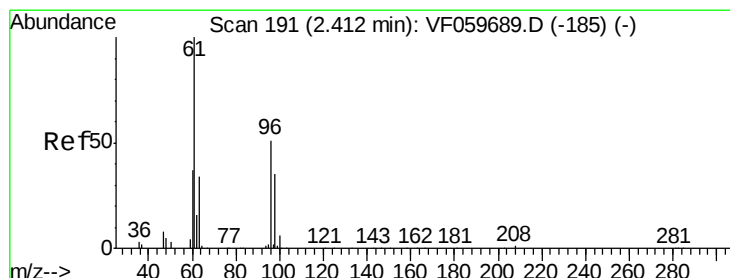
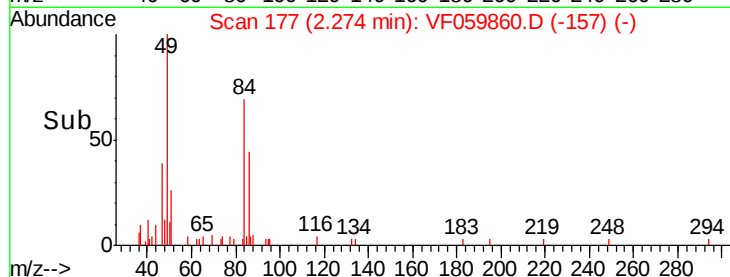
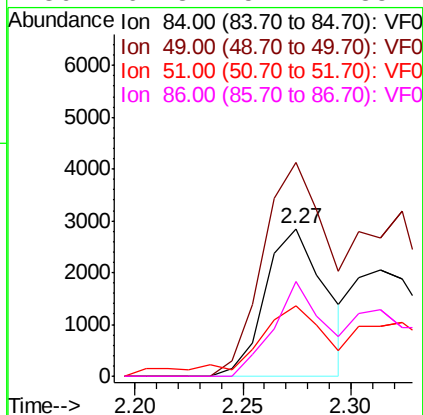
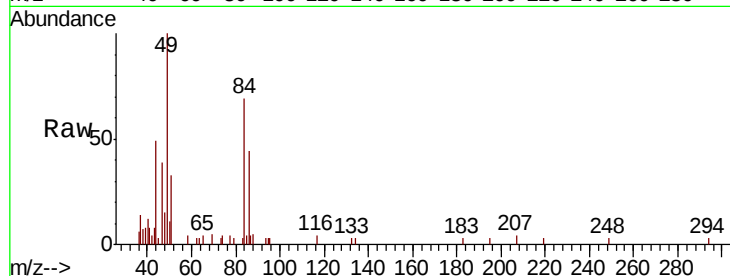




#20
Methvlene Chloride
Concen: Below Cal
RT: 2.27 min Scan# 177
Delta R.T. 0.00 min
Lab File: VF059860.D
Acq: 4 Aug 2018 1:03

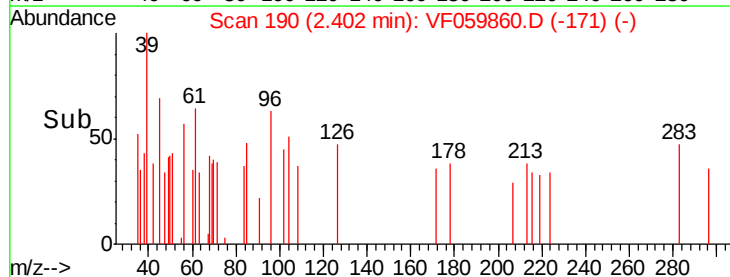
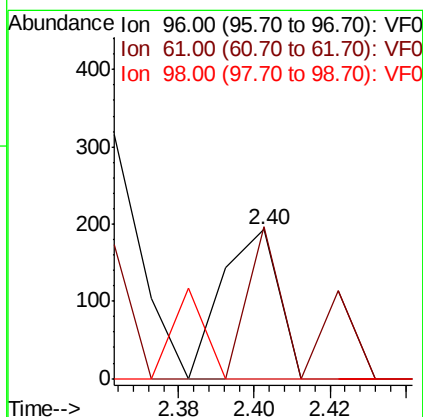
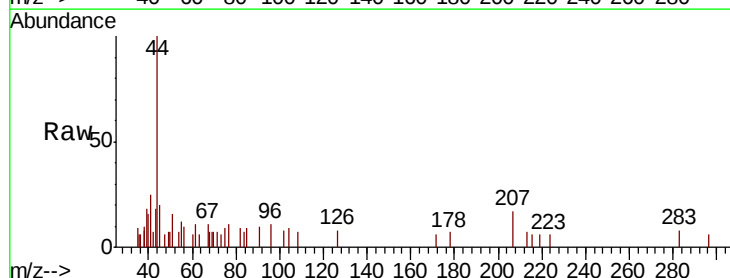
Instrument :
MSVOA_F
ClientSampleId :
BEEBEE-SITE-DEMO-2A

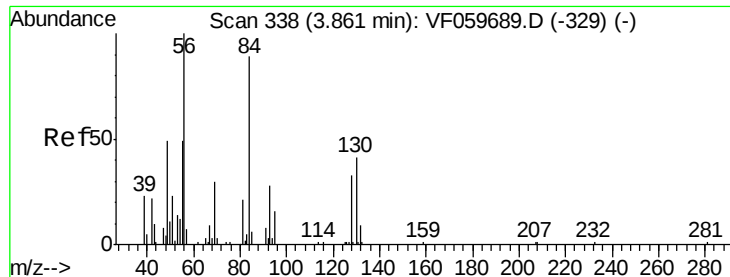
Tot Ion:	84	Resp:	5525
Ion	Ratio	Lower	Upper
84	100		
49	144.5	142.2	213.4
51	47.3	46.2	69.2
86	64.3	57.1	85.7



#21
trans-1,2-Dichloroethene
Concen: Below Cal
RT: 2.40 min Scan# 190
Delta R.T. -0.01 min
Lab File: VF059860.D
Acq: 4 Aug 2018 1:03

Tgt Ion:	96	Resp:	199
Ion	Ratio	Lower	Upper
96	100		
61	101.6	157.4	236.0#
98	0.0	55.0	82.4#

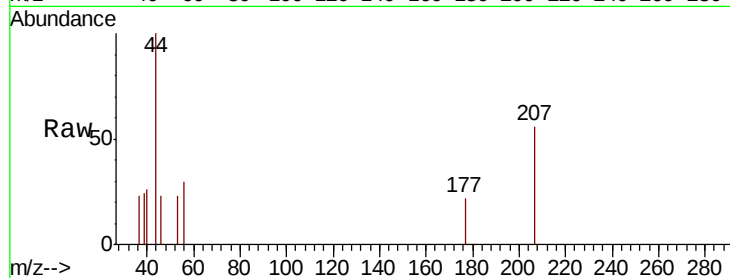




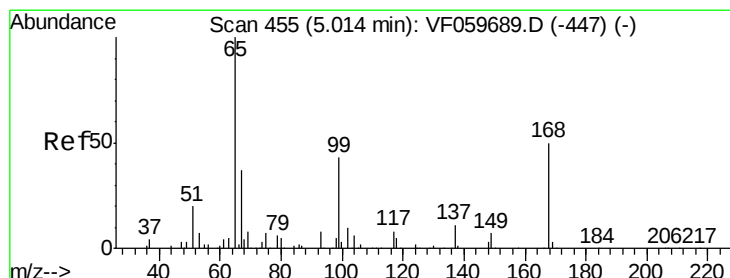
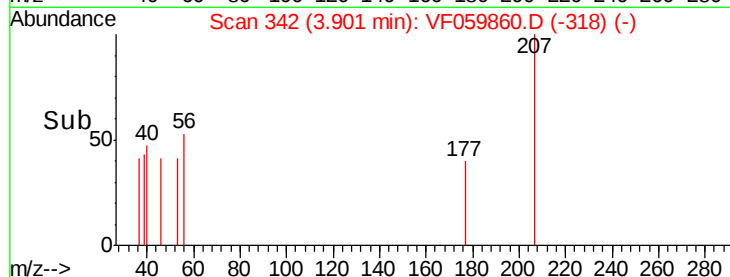
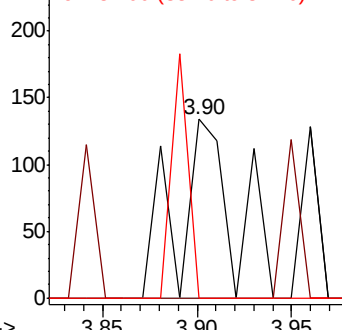
#31
Cyclohexane
Concen: Below Cal
RT: 3.90 min Scan# 342
Delta R.T. 0.04 min
Lab File: VF059860.D
Acq: 4 Aug 2018 1:03

Instrument :
MSVOA_F
ClientSampleId :
BEEBEE-SITE-DEMO-2A

Tot Ion: 56 Resp: 283
Ion Ratio Lower Upper
56 100
69 0.0 23.7 35.5#
84 0.0 71.1 106.7#

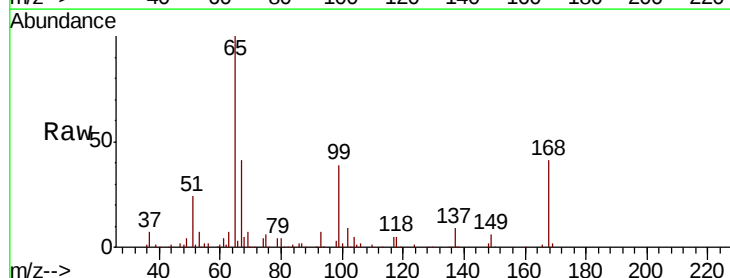


Abundance Ion 56.00 (55.70 to 56.70): VF0
Ion 69.00 (68.70 to 69.70): VF0
Ion 84.00 (83.70 to 84.70): VF0

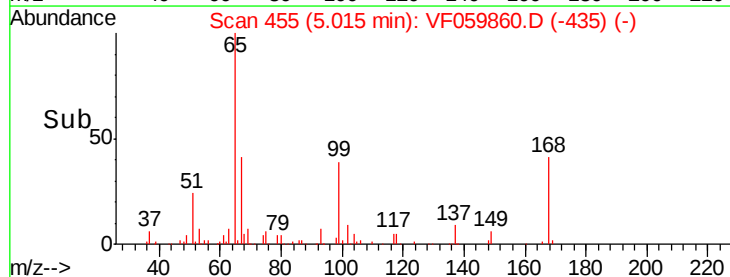
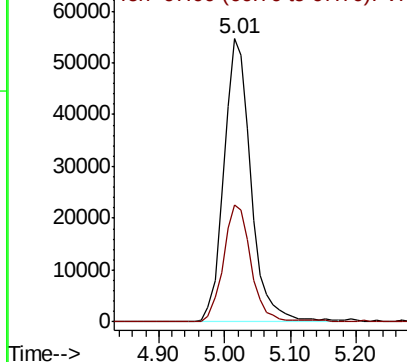


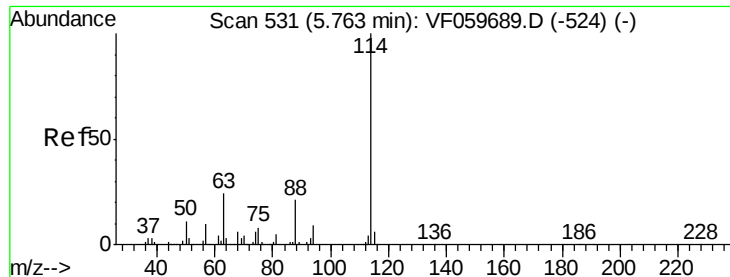
#33
1,2-Dichloroethane-d4
Concen: 47.63 ug/l
RT: 5.01 min Scan# 455
Delta R.T. 0.00 min
Lab File: VF059860.D
Acq: 4 Aug 2018 1:03

Tgt Ion: 65 Resp: 157202
Ion Ratio Lower Upper
65 100
67 41.3 0.0 84.6



Abundance Ion 65.00 (64.70 to 65.70): VF0
Ion 67.00 (66.70 to 67.70): VF0





#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 5.76 min Scan# 531

Delta R.T. 0.00 min

Lab File: VF059860.D

Acq: 4 Aug 2018 1:03

Instrument :

MSVOA_F

ClientSampleId :

BEEBEE-SITE-DEMO-2A

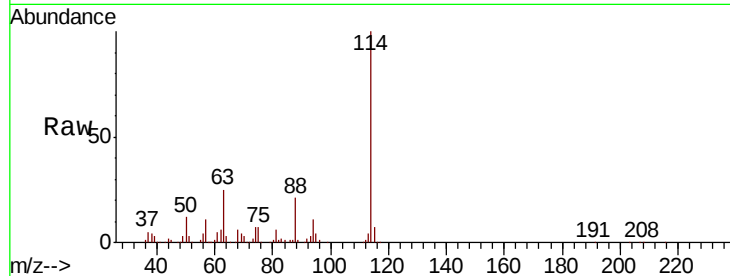
Tot Ion:114 Resp: 278867

Ion Ratio Lower Upper

114 100

63 24.6 0.0 47.4

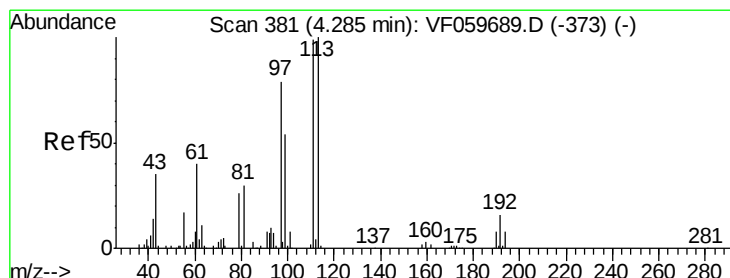
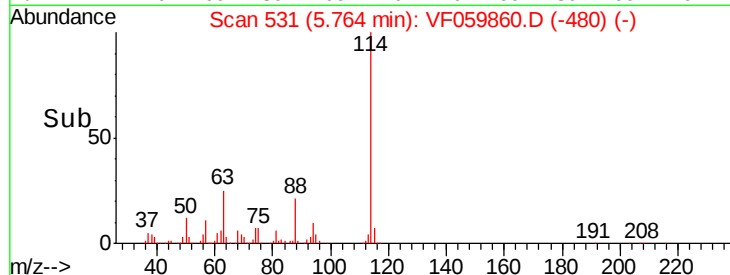
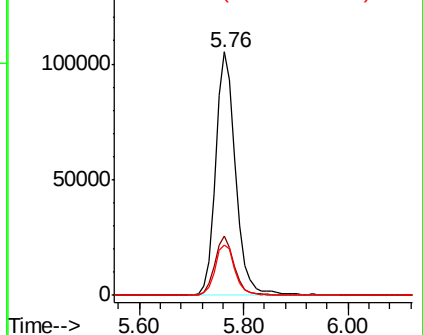
88 20.9 0.0 41.2



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: 44.26 ug/l

RT: 4.29 min Scan# 382

Delta R.T. 0.01 min

Lab File: VF059860.D

Acq: 4 Aug 2018 1:03

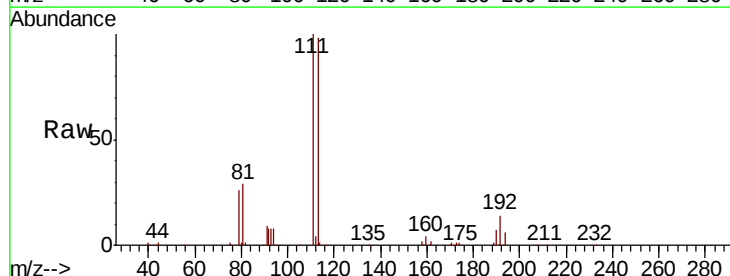
Tgt Ion:113 Resp: 128202

Ion Ratio Lower Upper

113 100

111 101.7 79.0 118.4

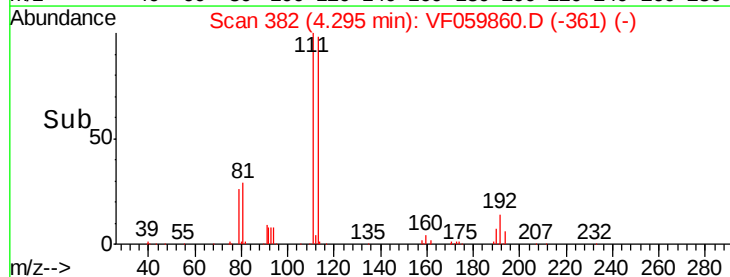
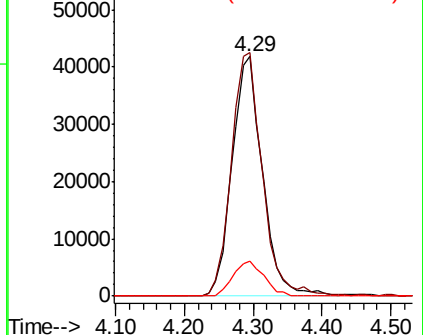
192 14.6 13.2 19.8

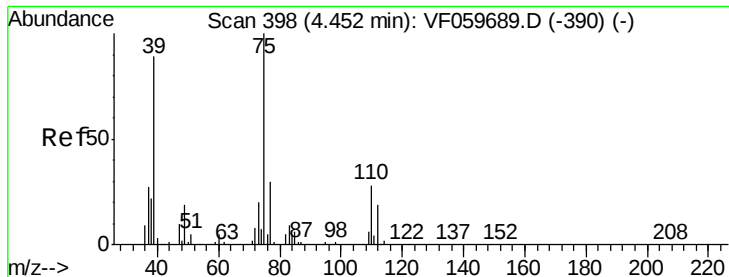


Abundance Ion 113.00 (112.70 to 113.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 192.00 (191.70 to 192.70): V





#36

1,1-Dichloropropene

Concen: Below Cal

RT: 4.43 min Scan# 396

Delta R.T. -0.02 min

Lab File: VF059860.D

Acq: 4 Aug 2018 1:03

Instrument :

MSVOA_F

ClientSampleId :

BEEBEE-SITE-DEMO-2A

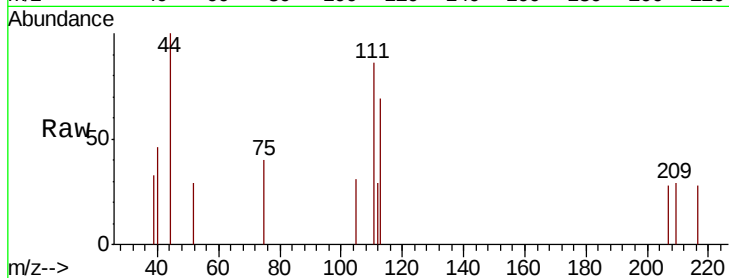
Tot Ion: 75 Resp: 160

Ion Ratio Lower Upper

75 100

110 217.2 14.0 41.9#

77 0.0 24.2 36.2#



Abundance Ion 75.00 (74.70 to 75.70): VF0

300

200

100

0

Time-->

4.40

4.42

4.44

4.46

4.48

4.50

4.52

4.54

4.56

4.58

4.60

4.62

4.64

4.66

4.68

4.70

4.72

4.74

4.76

4.78

4.80

4.82

4.84

4.86

4.88

4.90

4.92

4.94

4.96

4.98

5.00

5.02

5.04

5.06

5.08

5.10

5.12

5.14

5.16

5.18

5.20

5.22

5.24

5.26

5.28

5.30

5.32

5.34

5.36

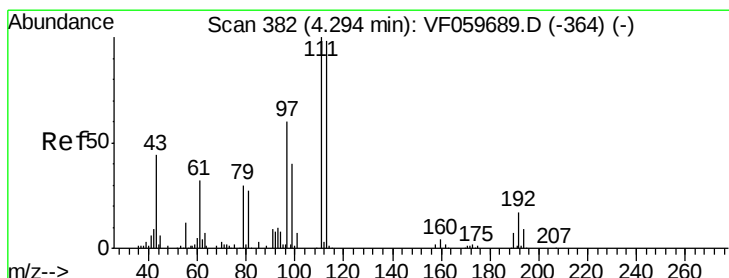
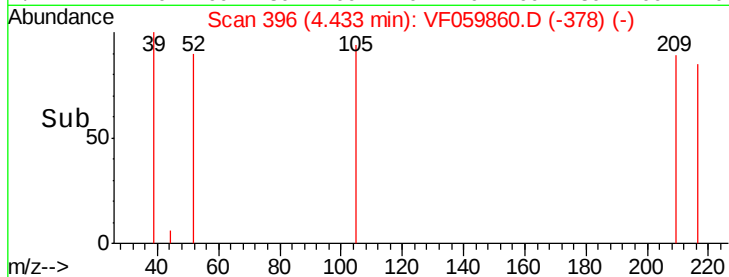
5.38

5.40

5.42

5.44

5.46



#37

Ethyl Acetate

Concen: Below Cal

RT: 4.30 min Scan# 383

Delta R.T. 0.01 min

Lab File: VF059860.D

Acq: 4 Aug 2018 1:03

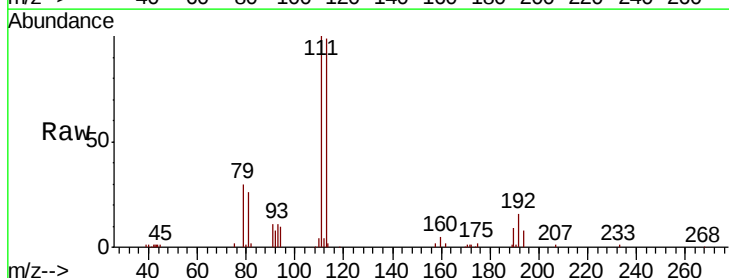
Tgt Ion: 43 Resp: 498

Ion Ratio Lower Upper

43 100

61 0.0 58.2 87.2#

70 0.0 6.0 9.0#



Abundance Ion 43.00 (42.70 to 43.70): VF0

400

300

200

100

0

Time-->

4.25

4.30

4.35

4.40

4.45

4.50

4.55

4.60

4.65

4.70

4.75

4.80

4.85

4.90

4.95

5.00

5.05

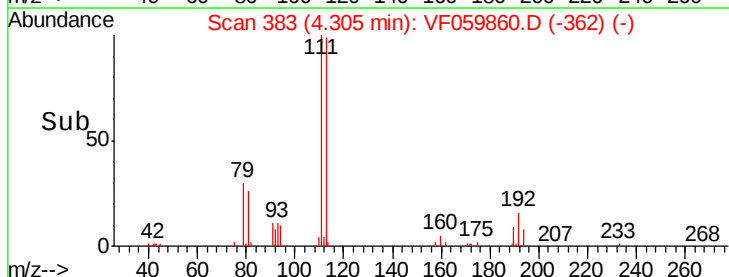
5.10

5.15

5.20

5.25

5.30



Abundance Ion 61.00 (60.70 to 61.70): VF0

400

300

200

100

0

Time-->

4.25

4.30

4.35

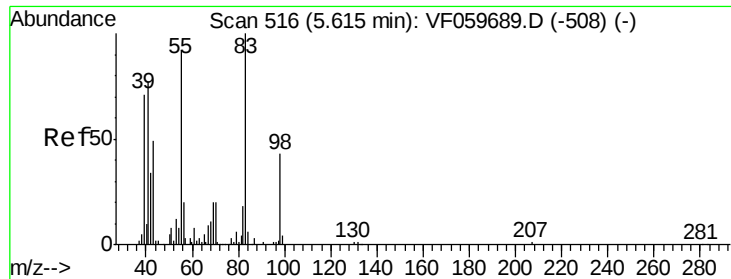
4.40

4.45

4.50

4.55

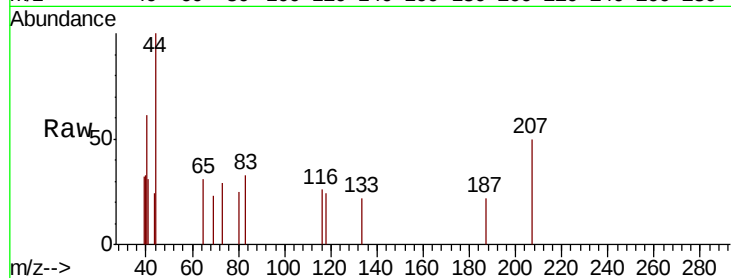
4.60



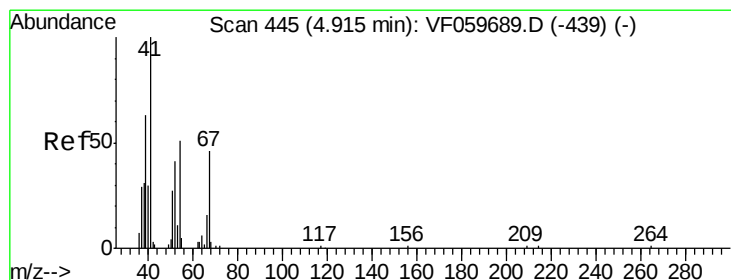
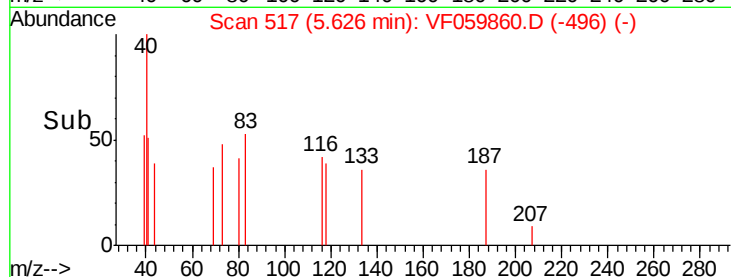
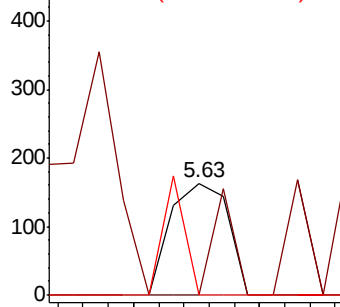
#39
Methylcyclohexane
Concen: Below Cal
RT: 5.63 min Scan# 517
Delta R.T. 0.01 min
Lab File: VF059860.D
Acq: 4 Aug 2018 1:03

Instrument :
MSVOA_F
ClientSampleId :
BEEBEE-SITE-DEMO-2A

Tot Ion: 83 Resp: 259
Ion Ratio Lower Upper
83 100
55 0.0 73.4 110.2#
98 0.0 34.2 51.4#

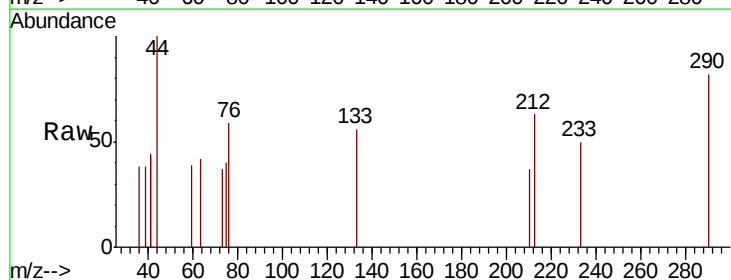


Abundance Ion 83.00 (82.70 to 83.70): VF0
Ion 55.00 (54.70 to 55.70): VF0
Ion 98.00 (97.70 to 98.70): VF0

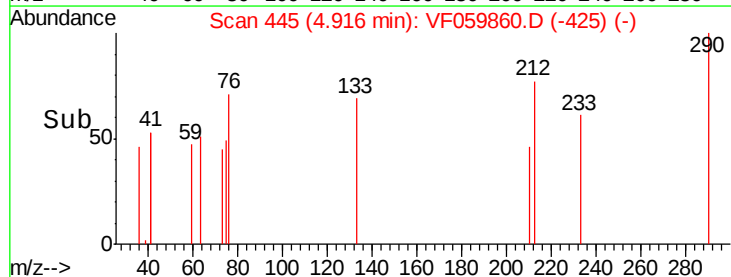
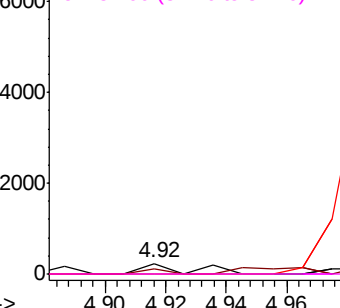


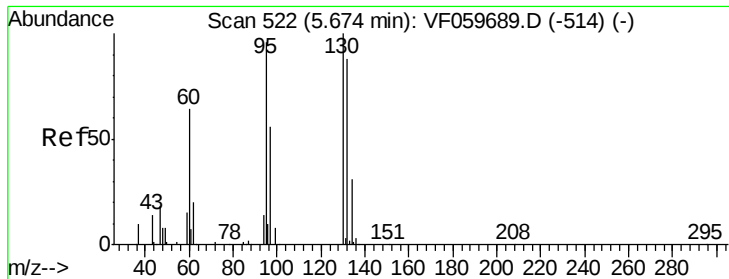
#41
Methacrylonitrile
Concen: Below Cal
RT: 4.92 min Scan# 445
Delta R.T. 0.00 min
Lab File: VF059860.D
Acq: 4 Aug 2018 1:03

Tgt Ion: 41 Resp: 256
Ion Ratio Lower Upper
41 100
39 43.9 55.2 82.8#
67 0.0 36.2 54.2#
52 0.0 37.7 56.5#



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





#44

Trichloroethene

Concen: Below Cal

RT: 5.71 min Scan# 526

Delta R.T. 0.04 min

Lab File: VF059860.D

Acq: 4 Aug 2018 1:03

Instrument :

MSVOA_F

ClientSampleId :

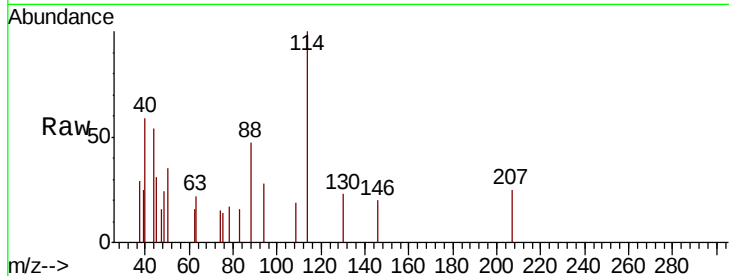
BEEBEE-SITE-DEMO-2A

Tot Ion:130 Resp: 99

Ion Ratio Lower Upper

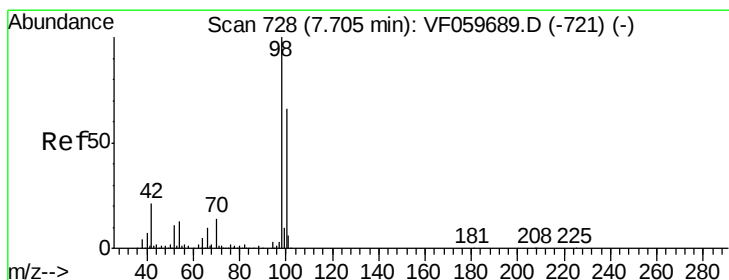
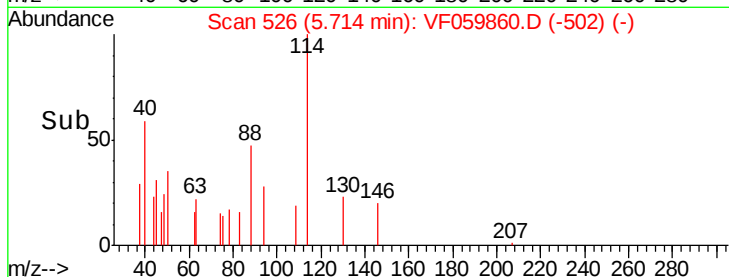
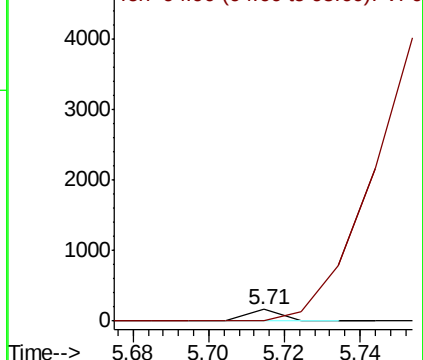
130 100

95 0.0 0.0 191.0



Abundance Ion 129.90 (129.60 to 130.60): V

Ion 94.90 (94.60 to 95.60): VF0



#50

Toluene-d8

Concen: 35.60 ug/l

RT: 7.71 min Scan# 728

Delta R.T. 0.00 min

Lab File: VF059860.D

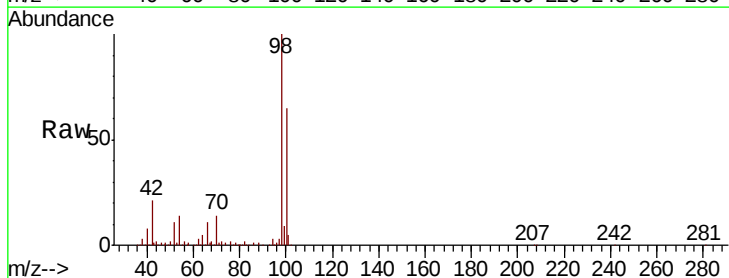
Acq: 4 Aug 2018 1:03

Tgt Ion: 98 Resp: 240450

Ion Ratio Lower Upper

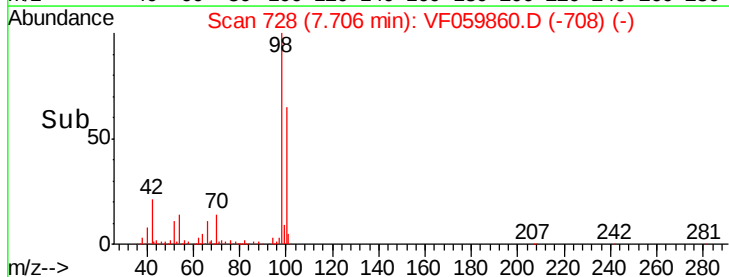
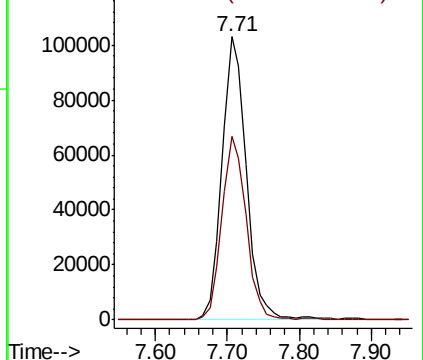
98 100

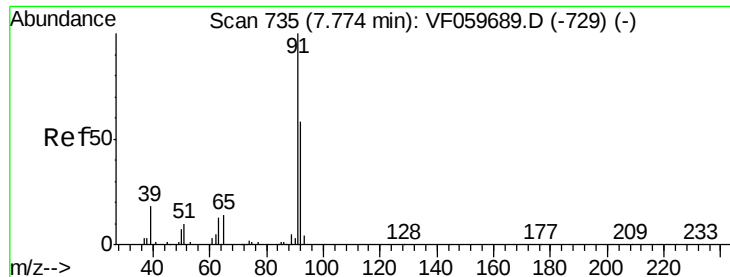
100 64.7 52.8 79.2



Abundance Ion 98.00 (97.70 to 98.70): VF0

Ion 100.00 (99.70 to 100.70): VF0





#52

Toluene

Concen: Below Cal

RT: 7.77 min Scan# 735

Delta R.T. 0.00 min

Lab File: VF059860.D

Acq: 4 Aug 2018 1:03

Instrument :

MSVOA_F

ClientSampleId :

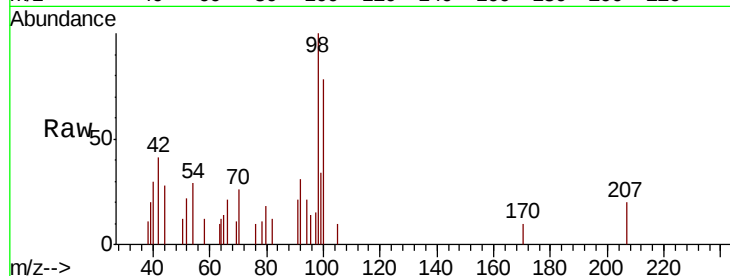
BEEBEE-SITE-DEMO-2A

Tot Ion: 92 Resp: 447

Ion Ratio Lower Upper

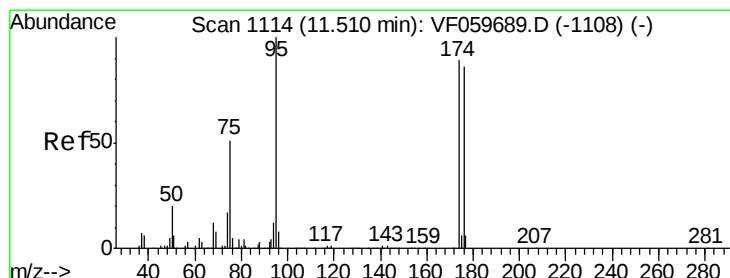
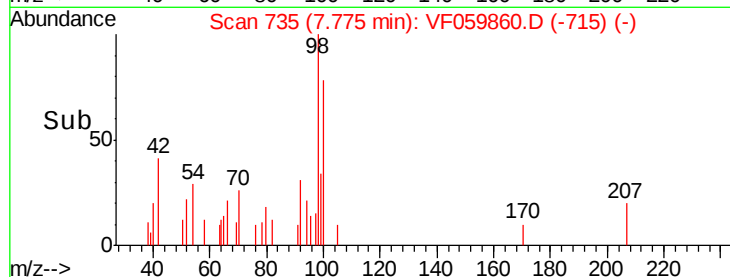
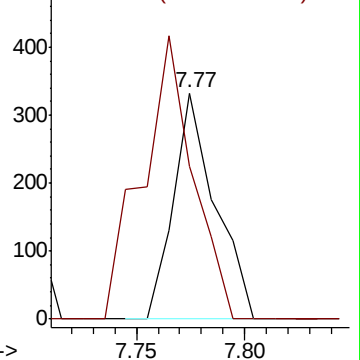
92 100

91 67.3 139.0 208.4#



Abundance Ion 92.00 (91.70 to 92.70): VF0

Ion 91.00 (90.70 to 91.70): VF0



#62

4-Bromofluorobenzene

Concen: 31.94 ug/l

RT: 11.51 min Scan# 1114

Delta R.T. 0.00 min

Lab File: VF059860.D

Acq: 4 Aug 2018 1:03

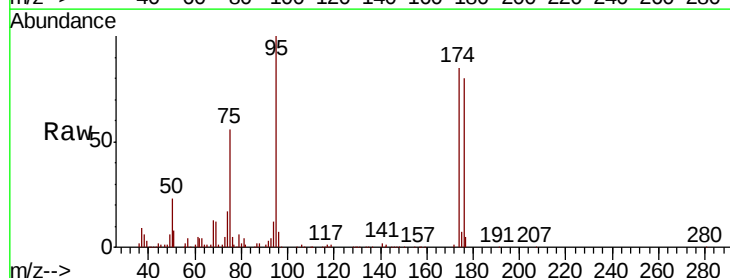
Tgt Ion: 95 Resp: 119439

Ion Ratio Lower Upper

95 100

174 85.4 0.0 178.4

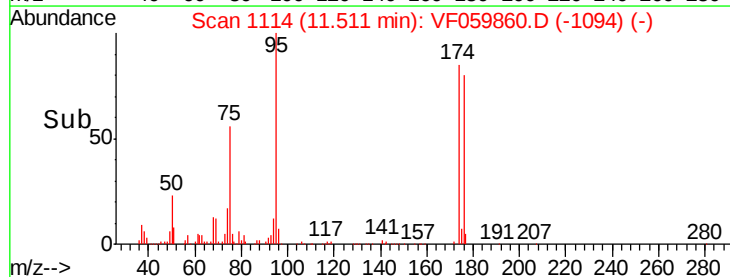
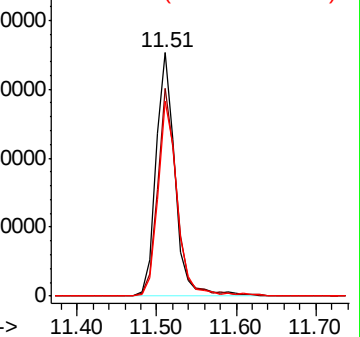
176 80.2 0.0 173.0

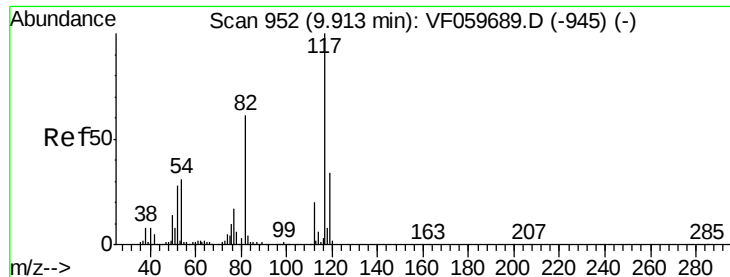


Abundance Ion 95.00 (94.70 to 95.70): VF0

Ion 174.00 (173.70 to 174.70): V

Ion 176.00 (175.70 to 176.70): V

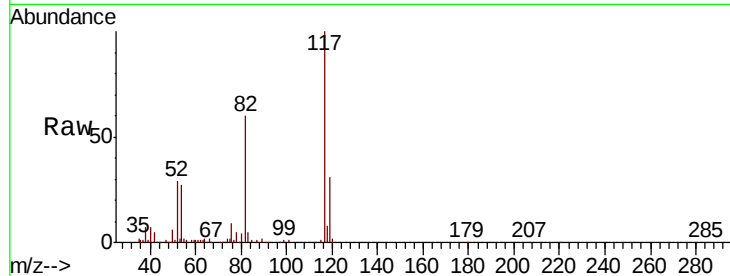




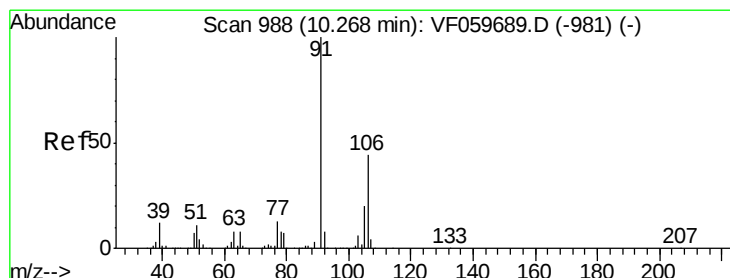
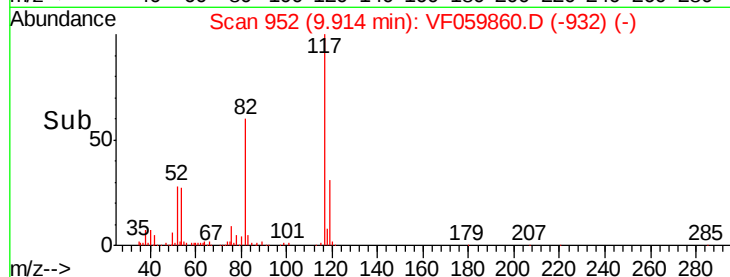
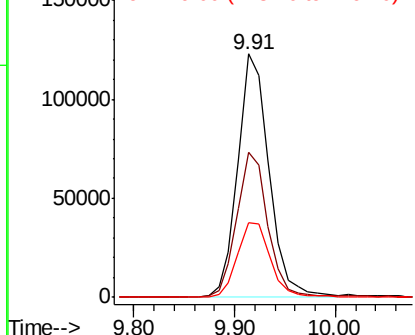
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 9.91 min Scan# 952
Delta R.T. 0.00 min
Lab File: VF059860.D
Acq: 4 Aug 2018 1:03

Instrument :
MSVOA_F
ClientSampleId :
BEEBEE-SITE-DEMO-2A

Tot Ion:117 Resp: 267174
Ion Ratio Lower Upper
117 100
82 59.7 49.0 73.4
119 30.6 27.3 40.9

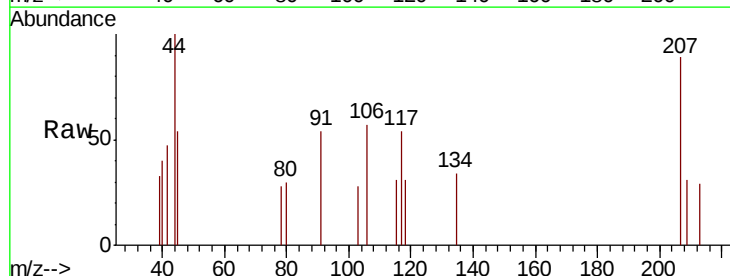


Abundance Ion 117.00 (116.70 to 117.70): V
Ion 82.00 (81.70 to 82.70): VF0
Ion 119.00 (118.70 to 119.70): V

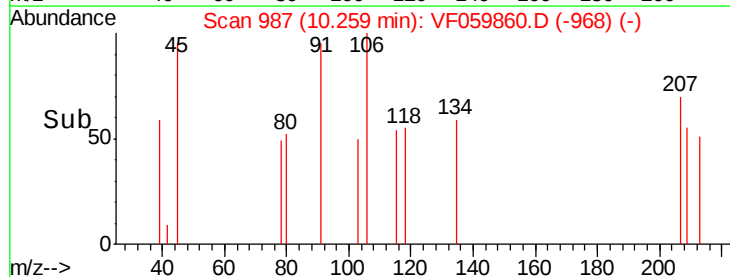
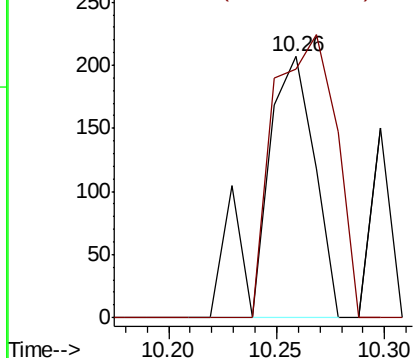


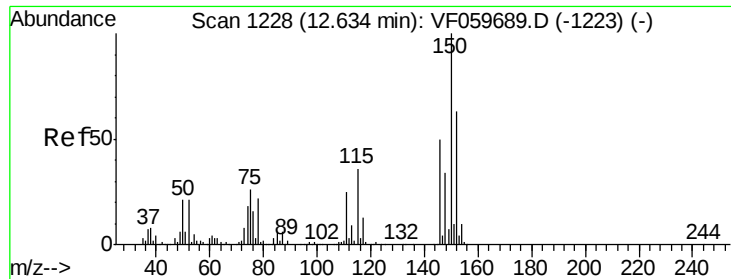
#68
m/p-Xylenes
Concen: Below Cal
RT: 10.26 min Scan# 987
Delta R.T. -0.01 min
Lab File: VF059860.D
Acq: 4 Aug 2018 1:03

Tgt Ion:106 Resp: 354
Ion Ratio Lower Upper
106 100
91 95.2 181.7 272.5#



Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VF0





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.63 min Scan# 1228

Delta R.T. 0.00 min

Lab File: VF059860.D

Acq: 4 Aug 2018 1:03

Instrument :

MSVOA_F

ClientSampleId :

BEEBEE-SITE-DEMO-2A

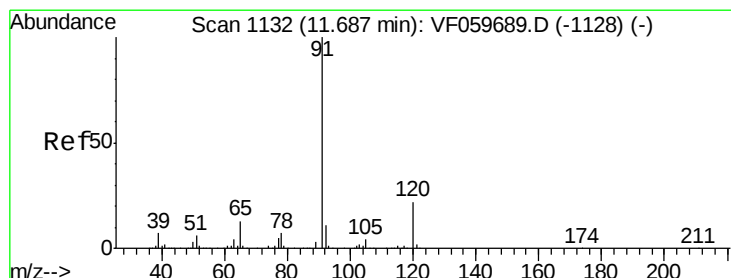
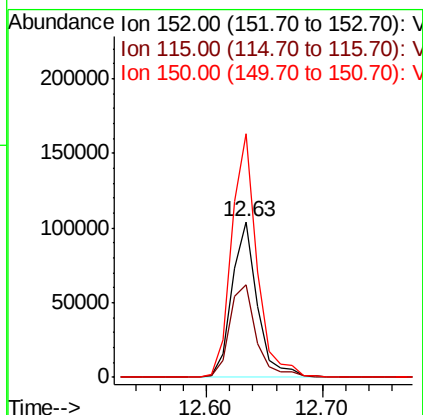
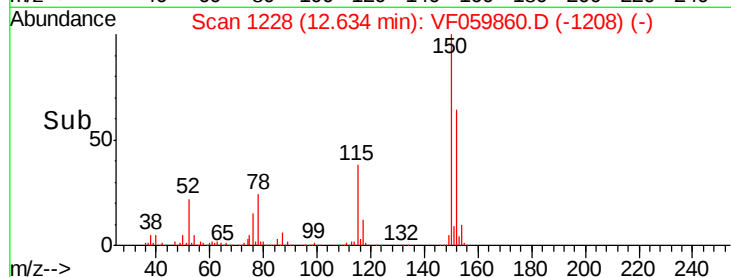
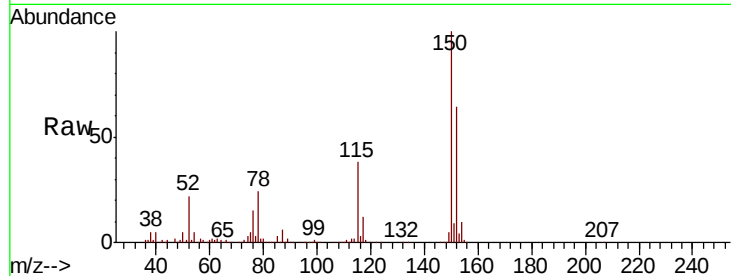
Tot Ion:152 Resp: 158461

Ion Ratio Lower Upper

152 100

115 59.3 28.2 84.6

150 156.2 0.0 316.2



#78

n-propylbenzene

Concen: Below Cal

RT: 11.70 min Scan# 1133

Delta R.T. 0.01 min

Lab File: VF059860.D

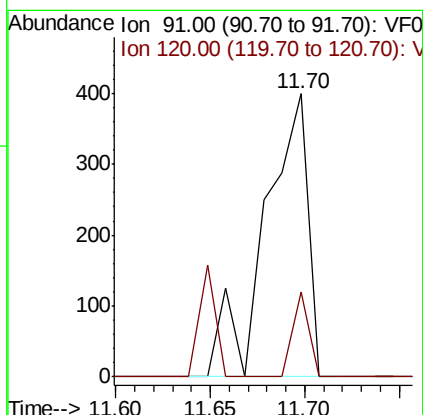
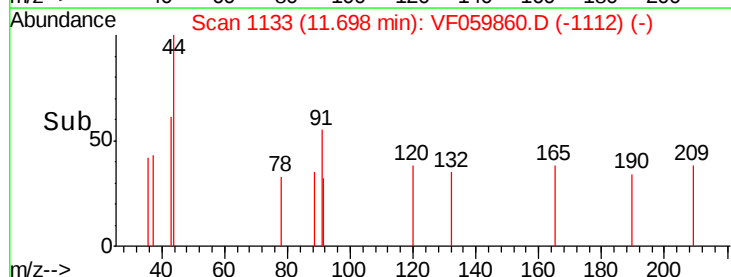
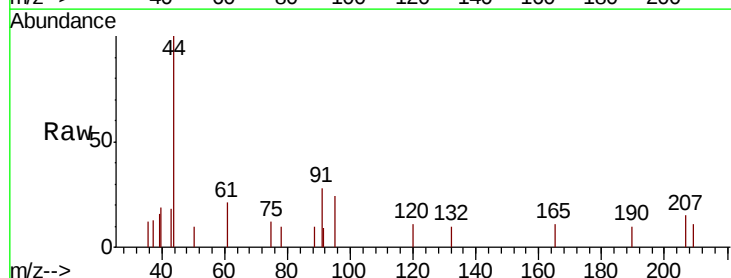
Acq: 4 Aug 2018 1:03

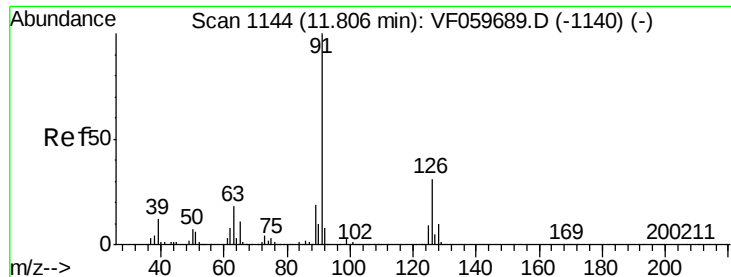
Tgt Ion: 91 Resp: 628

Ion Ratio Lower Upper

91 100

120 29.8 11.0 33.0

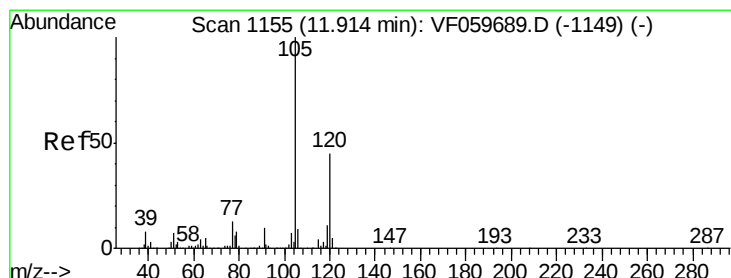
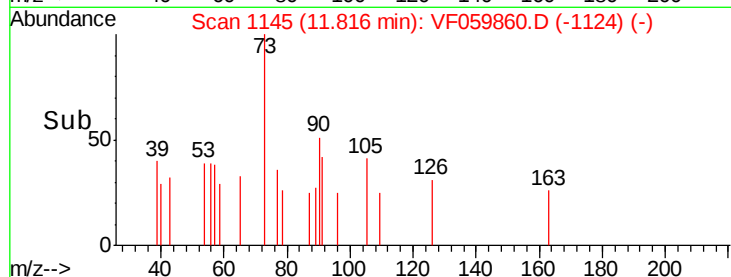
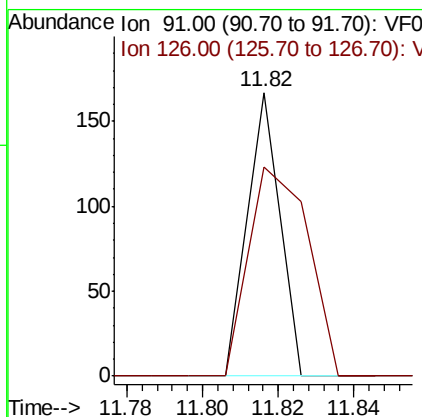
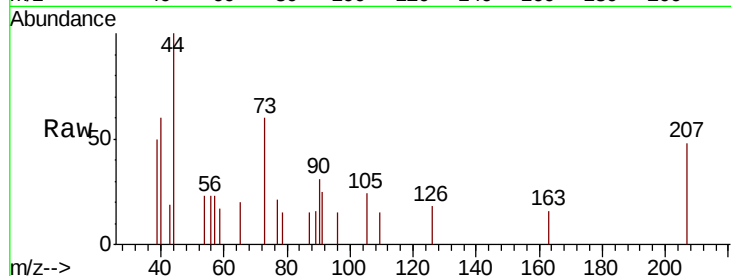




#79
 2-Chlorotoluene
 Concen: Below Cal
 RT: 11.82 min Scan# 1145
 Delta R.T. 0.01 min
 Lab File: VF059860.D
 Acq: 4 Aug 2018 1:03

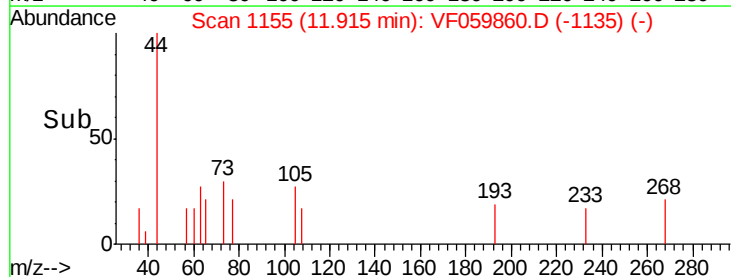
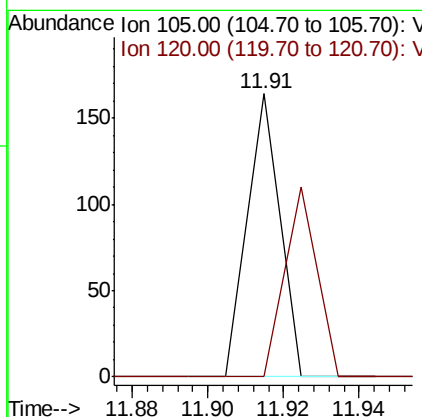
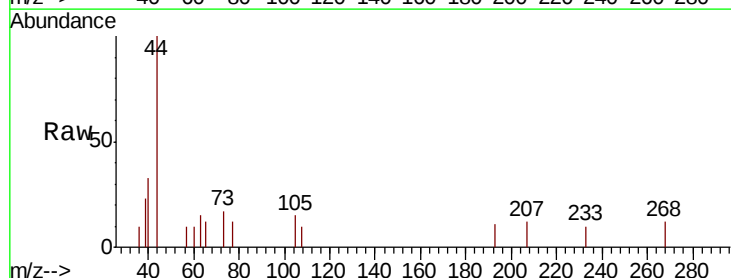
Instrument :
 MSVOA_F
 ClientSampleId :
 BEEBEE-SITE-DEMO-2A

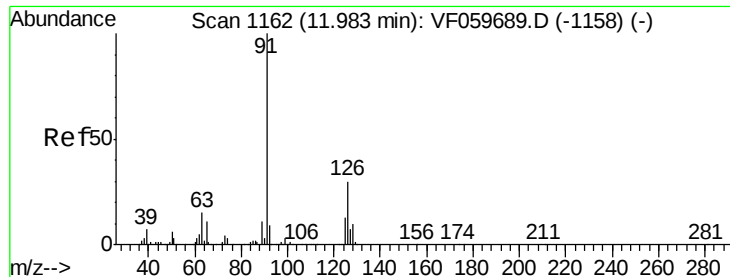
Tot Ion: 91 Resp: 99
 Ion Ratio Lower Upper
 91 100
 126 73.7 15.4 46.2#



#80
 1,3,5-Trimethylbenzene
 Concen: Below Cal
 RT: 11.91 min Scan# 1155
 Delta R.T. 0.00 min
 Lab File: VF059860.D
 Acq: 4 Aug 2018 1:03

Tgt Ion: 105 Resp: 97
 Ion Ratio Lower Upper
 105 100
 120 0.0 22.7 68.0#

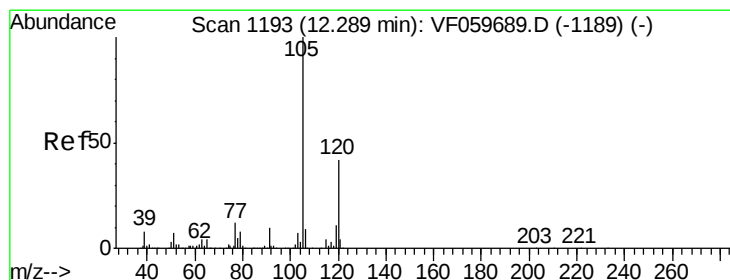
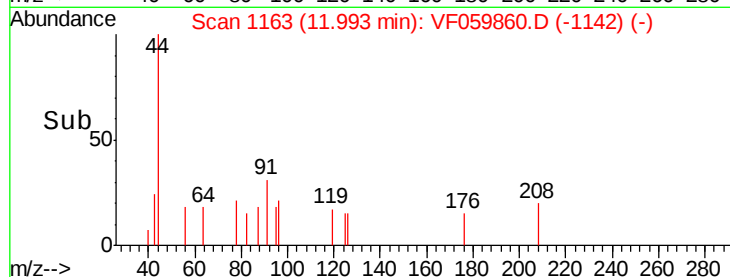
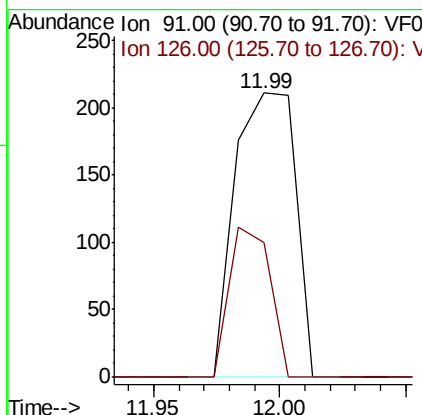
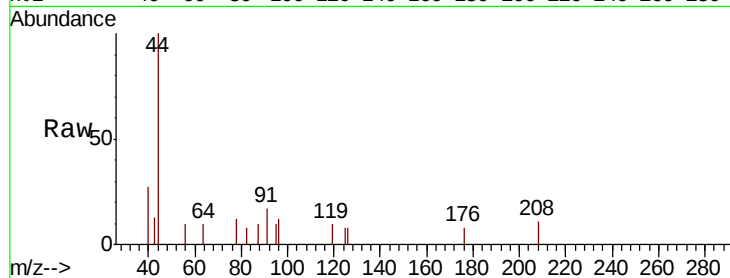




#82
4-Chlorotoluene
Concen: Below Cal
RT: 11.99 min Scan# 1163
Delta R.T. 0.01 min
Lab File: VF059860.D
Acq: 4 Aug 2018 1:03

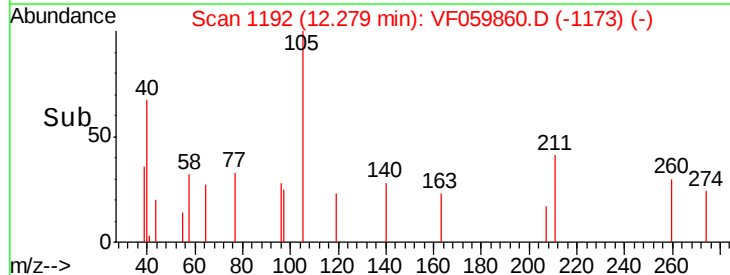
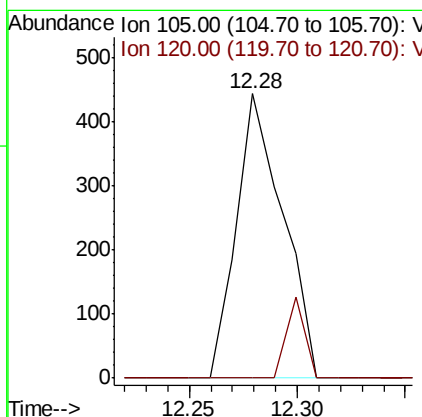
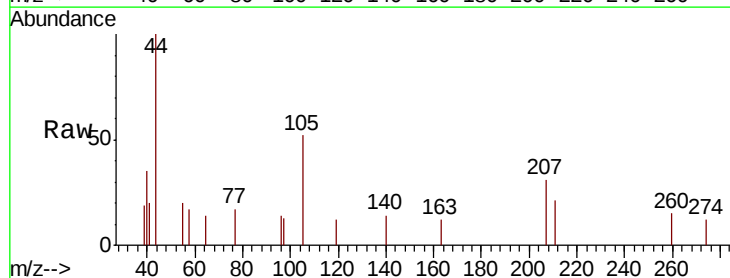
Instrument :
MSVOA_F
ClientSampleId :
BEEBEE-SITE-DEMO-2A

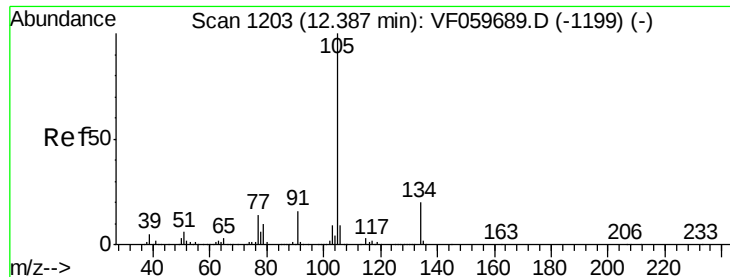
Tot Ion: 91 Resp: 352
Ion Ratio Lower Upper
91 100
126 47.4 15.2 45.6#



#84
1,2,4-Trimethylbenzene
Concen: Below Cal
RT: 12.28 min Scan# 1192
Delta R.T. -0.01 min
Lab File: VF059860.D
Acq: 4 Aug 2018 1:03

Tgt Ion: 105 Resp: 662
Ion Ratio Lower Upper
105 100
120 0.0 21.1 63.3#

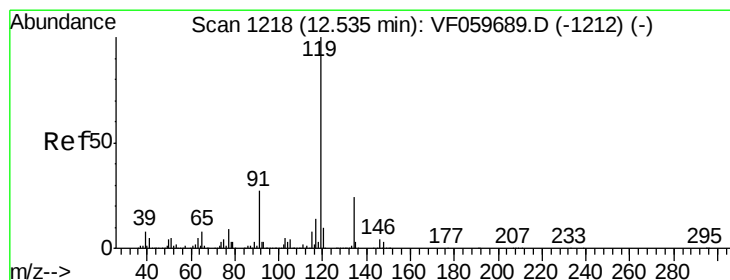
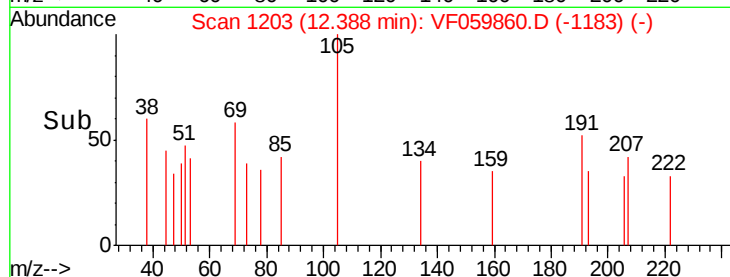
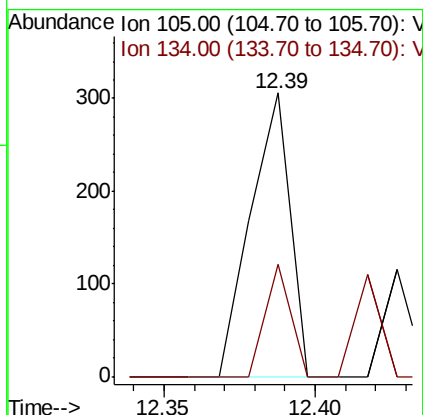
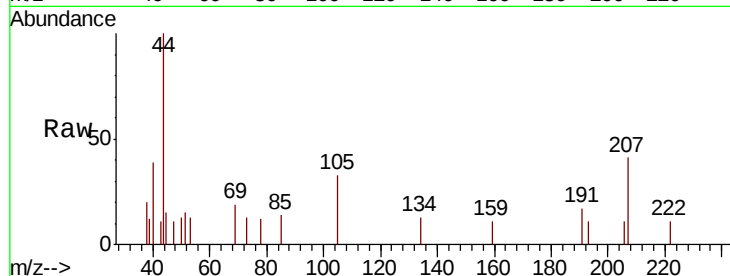




#85
 sec-Butylbenzene
 Concen: Below Cal
 RT: 12.39 min Scan# 1203
 Delta R.T. 0.00 min
 Lab File: VF059860.D
 Acq: 4 Aug 2018 1:03

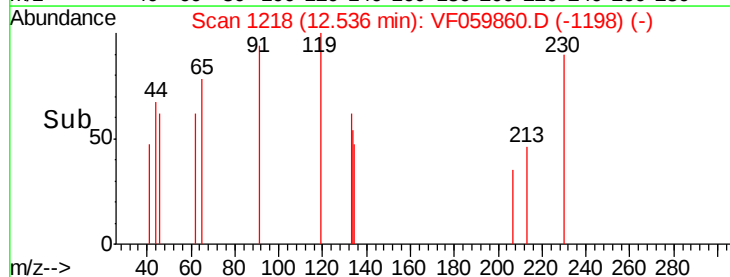
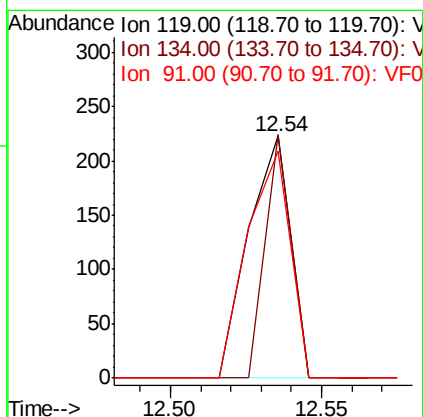
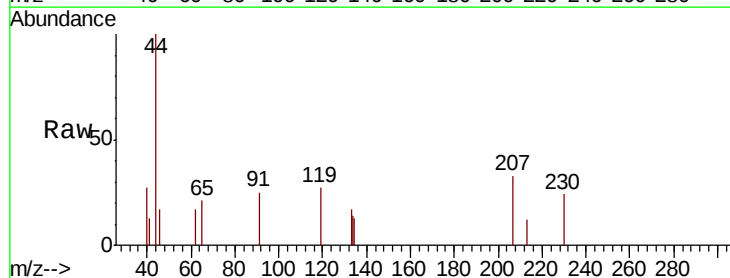
Instrument :
 MSVOA_F
 ClientSampleId :
 BEEBEE-SITE-DEMO-2A

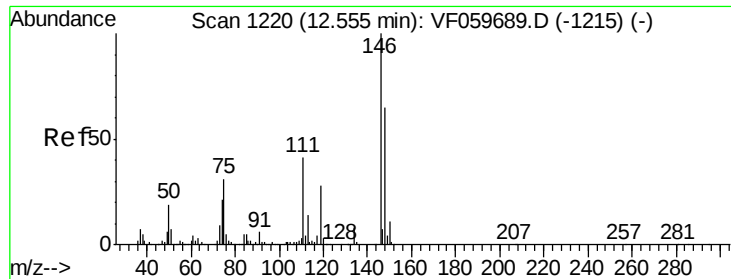
Tot Ion:105 Resp: 280
 Ion Ratio Lower Upper
 105 100
 134 39.5 9.8 29.3#



#86
 p-Isopropyltoluene
 Concen: Below Cal
 RT: 12.54 min Scan# 1218
 Delta R.T. 0.00 min
 Lab File: VF059860.D
 Acq: 4 Aug 2018 1:03

Tgt Ion:119 Resp: 213
 Ion Ratio Lower Upper
 119 100
 134 100.4 12.2 36.6#
 91 93.7 13.4 40.2#





#87

1,3-Dichlorobenzene

Concen: Below Cal

RT: 12.56 min Scan# 1220

Delta R.T. 0.00 min

Lab File: VF059860.D

Acq: 4 Aug 2018 1:03

Instrument :

MSVOA_F

ClientSampleId :

BEEBEE-SITE-DEMO-2A

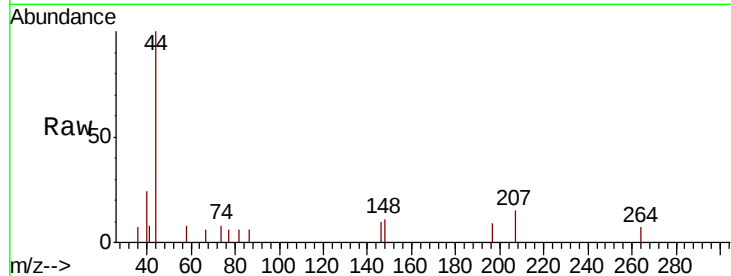
Tot Ion:146 Resp: 169

Ion Ratio Lower Upper

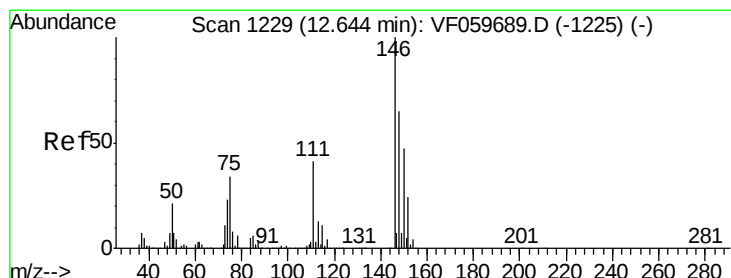
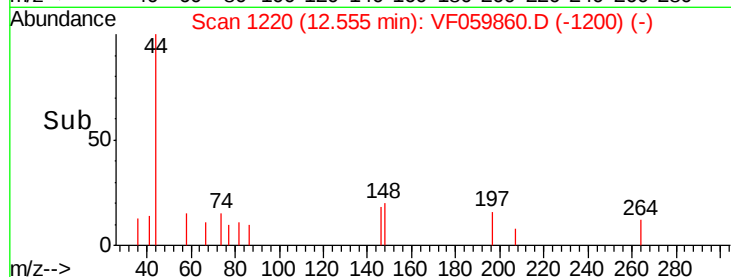
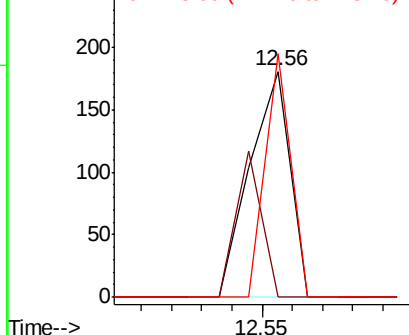
146 100

111 0.0 20.7 62.1#

148 107.7 32.3 96.8#



Abundance Ion 146.00 (145.70 to 146.70): V
Ion 111.00 (110.70 to 111.70): V
Ion 148.00 (147.70 to 148.70): V



#88

1,4-Dichlorobenzene

Concen: Below Cal

RT: 12.64 min Scan# 1229

Delta R.T. 0.00 min

Lab File: VF059860.D

Acq: 4 Aug 2018 1:03

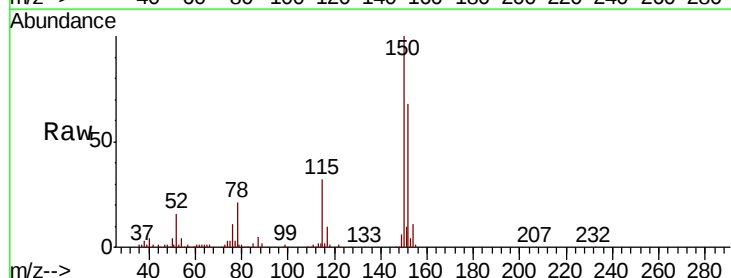
Tgt Ion:146 Resp: 543

Ion Ratio Lower Upper

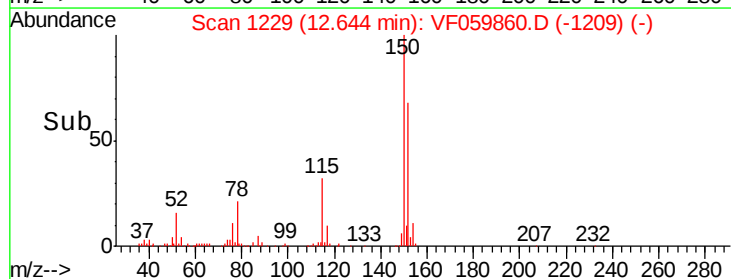
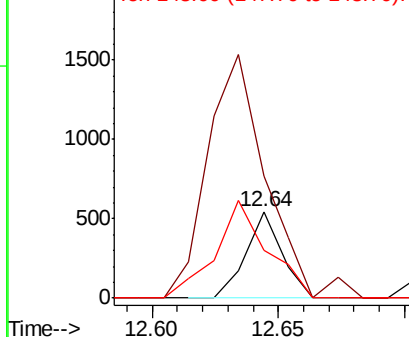
146 100

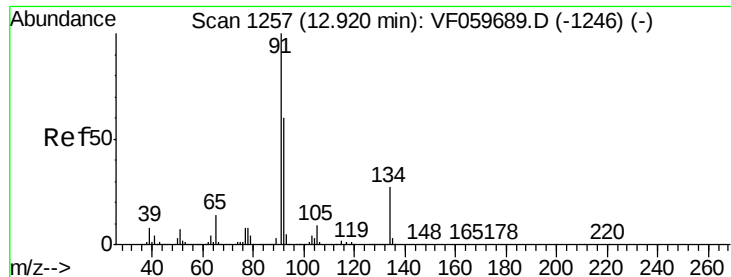
111 141.0 20.8 62.2#

148 54.5 32.3 96.9



Abundance Ion 146.00 (145.70 to 146.70): V
Ion 111.00 (110.70 to 111.70): V
Ion 148.00 (147.70 to 148.70): V





#89

n-Butylbenzene

Concen: Below Cal

RT: 12.92 min Scan# 1257

Delta R.T. 0.00 min

Lab File: VF059860.D

Acq: 4 Aug 2018 1:03

Instrument :

MSVOA_F

ClientSampleId :

BEEBEE-SITE-DEMO-2A

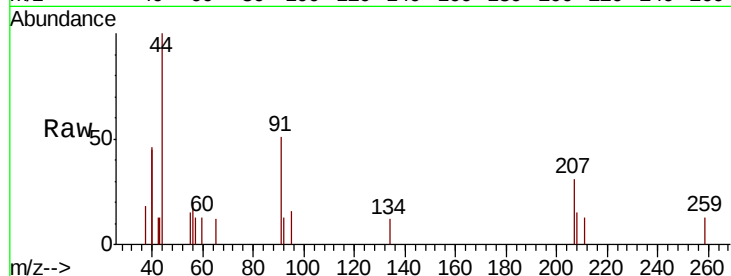
Tot Ion: 91 Resp: 608

Ion Ratio Lower Upper

91 100

92 26.0 30.1 90.3#

134 23.9 13.7 41.0

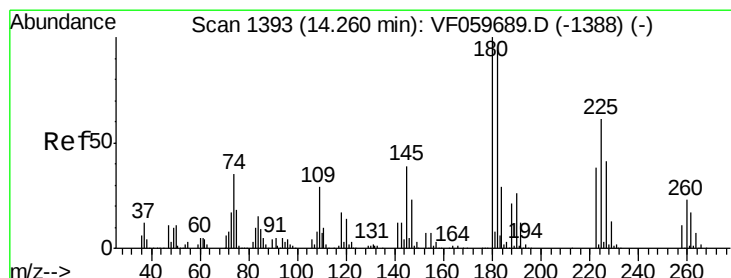
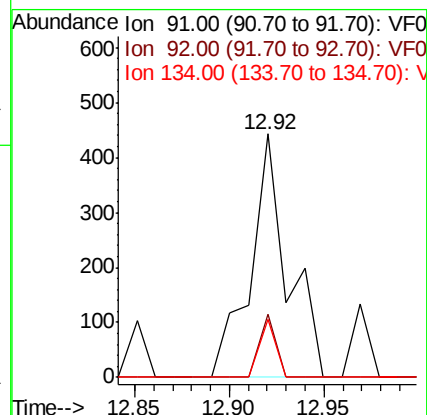
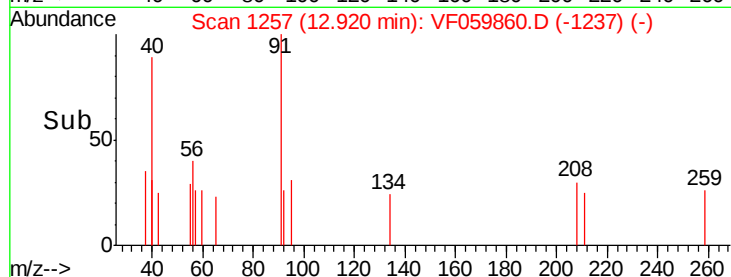


Abundance Ion 91.00 (90.70 to 91.70): VF059689.D (-1246) (-)

Ion 92.00 (91.70 to 92.70): VF059689.D (-1246) (-)

Ion 134.00 (133.70 to 134.70): VF059689.D (-1246) (-)

Time-->



#93

1,2,4-Trichlorobenzene

Concen: Below Cal

RT: 14.26 min Scan# 1393

Delta R.T. 0.00 min

Lab File: VF059860.D

Acq: 4 Aug 2018 1:03

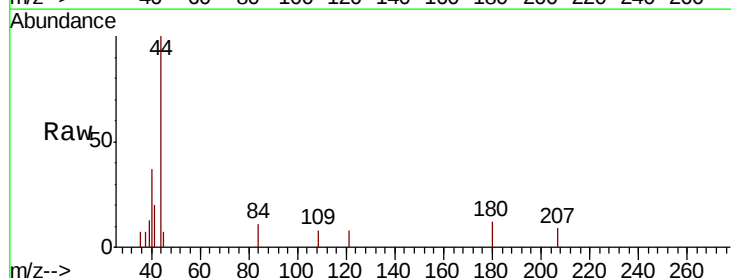
Tgt Ion: 180 Resp: 114

Ion Ratio Lower Upper

180 100

182 0.0 47.2 141.6#

145 0.0 19.3 57.9#



Abundance Ion 180.00 (179.70 to 180.70): VF059689.D (-1388) (-)

Ion 182.00 (181.70 to 182.70): VF059689.D (-1388) (-)

Ion 145.00 (144.70 to 145.70): VF059689.D (-1388) (-)

Time-->

