

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_F\DATA\VF112018\
 Data File : VF060811.D
 Acq On : 20 Nov 2018 19:10
 Operator : VA/AP
 Sample : J5952-04RE
 Misc : 3.46g/5mL/MSVOA-F/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :

Quant Time: Nov 21 02:50:10 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F111318S.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 14 03:11:14 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.88	168	152091	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.60	114	224717	50.00	ug/l	-0.02
63) Chlorobenzene-d5	9.79	117	111412	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.56	152	14443	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	4.85	65	80484	46.39	ug/l	0.00
Spiked Amount			Recovery	=	92.78%	
35) Dibromofluoromethane	4.11	113	95993	56.83	ug/l	-0.02
Spiked Amount			Recovery	=	113.66%	
50) Toluene-d8	7.56	98	198305	45.41	ug/l	-0.01
Spiked Amount			Recovery	=	90.82%	
62) 4-Bromofluorobenzene	11.41	95	30027	11.94	ug/l	0.00
Spiked Amount			Recovery	=	23.88%	

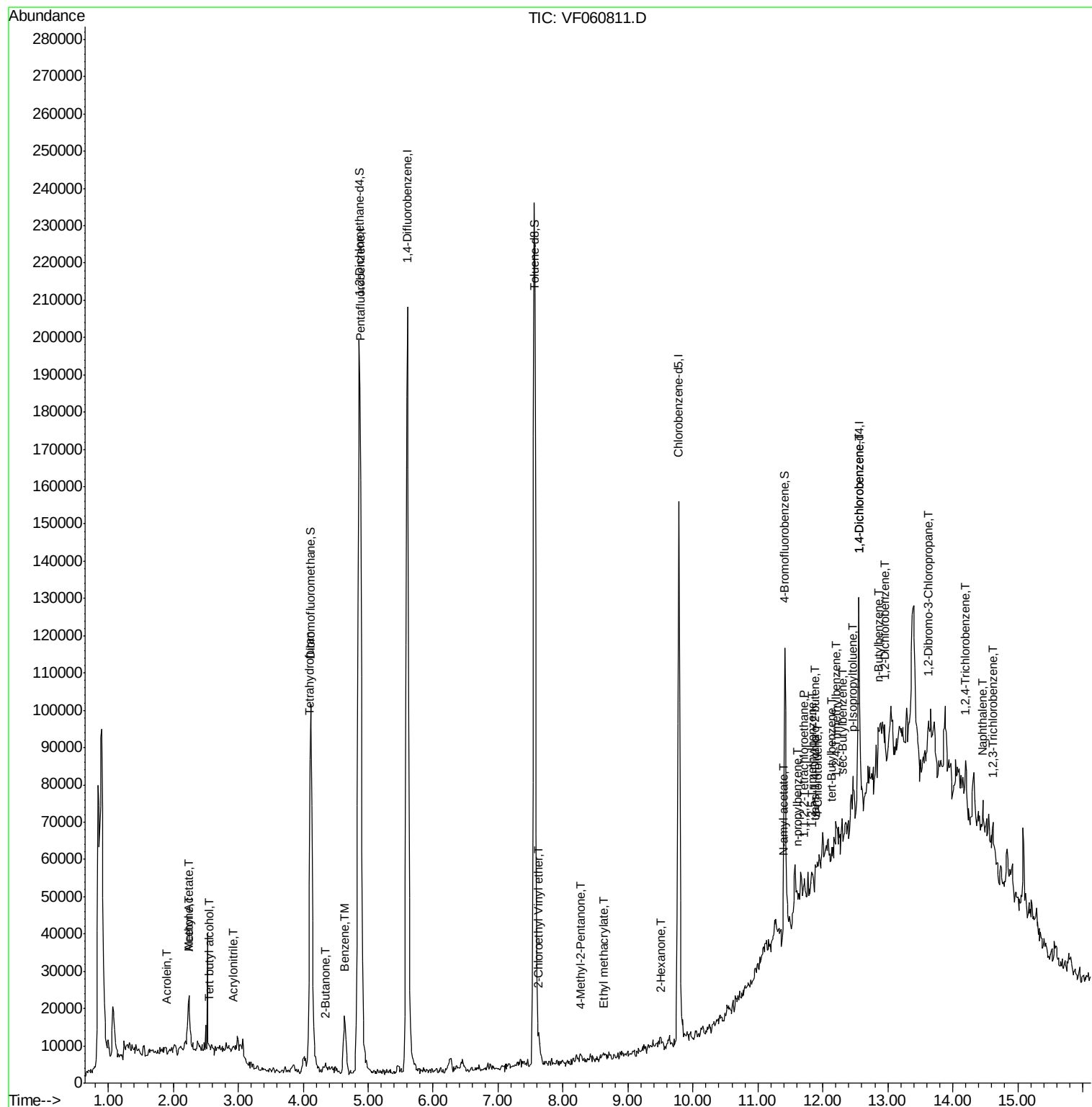
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	2.57	59	153	1.938	ug/l #	1
13) Acrolein	1.90	56	600	8.312	ug/l	89
15) Acrylonitrile	2.92	53	265	1.575	ug/l #	54
16) Acetone	2.24	43	22475	60.613	ug/l	100
18) Methyl Acetate	2.24	43	19167	31.480	ug/l #	67
20) Methylene Chloride	2.18	84	1473	Below Cal	#	62
25) 2-Butanone	4.34	43	6445	10.567	ug/l	92
29) Tetrahydrofuran	4.09	42	705	2.802	ug/l #	47
40) Benzene	4.64	78	18006	3.099	ug/l #	88
41) Methacrylonitrile	4.75	41	1138	Below Cal	#	50
51) 4-Methyl-2-Pentanone	8.28	43	2984	3.212	ug/l #	82
56) Ethyl methacrylate	8.63	69	1356	1.073	ug/l #	41
58) 2-Chloroethyl Vinyl ether	7.63	63	444	3.848	ug/l	100
59) 2-Hexanone	9.51	43	1776	2.720	ug/l	67
74) N-amyl acetate	11.38	43	1954	7.383	ug/l #	1
75) 1,1,2,2-Tetrachloroethane	11.70	83	698	3.632	ug/l #	53
78) n-propylbenzene	11.60	91	3943	2.908	ug/l	87
80) 1,3,5-Trimethylbenzene	11.83	105	1680	1.820	ug/l	96
81) trans-1,4-Dichloro-2-buten	11.88	75	87	1.241	ug/l #	1
82) 4-Chlorotoluene	11.91	91	1680	2.081	ug/l #	58
83) tert-Butylbenzene	12.13	119	1149	1.172	ug/l #	39
84) 1,2,4-Trimethylbenzene	12.21	105	3323	3.481	ug/l	88
85) sec-Butylbenzene	12.31	105	2974	2.237	ug/l	89
86) p-Isopropyltoluene	12.46	119	3441	3.099	ug/l #	1
88) 1,4-Dichlorobenzene	12.57	146	644	1.391	ug/l #	1
89) n-Butylbenzene	12.85	91	6477	5.716	ug/l	70
91) 1,2-Dichlorobenzene	12.95	146	456	1.006	ug/l #	1
92) 1,2-Dibromo-3-Chloropropan	13.62	75	545	15.086	ug/l #	55
93) 1,2,4-Trichlorobenzene	14.21	180	500	1.534	ug/l #	40
95) Naphthalene	14.46	128	3701	6.224	ug/l #	80
96) 1,2,3-Trichlorobenzene	14.61	180	436	1.448	ug/l #	64

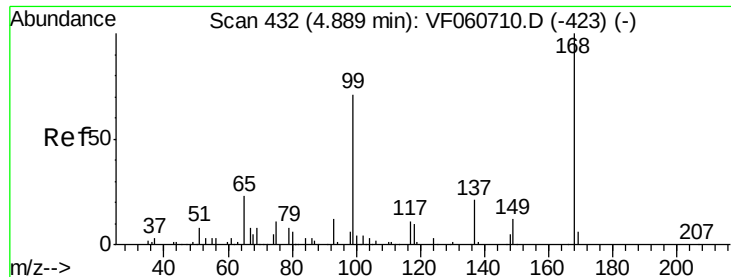
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.88 min Scan# 431

Delta R.T. -0.01 min

Lab File: VF060811.D

Acq: 20 Nov 2018 19:10

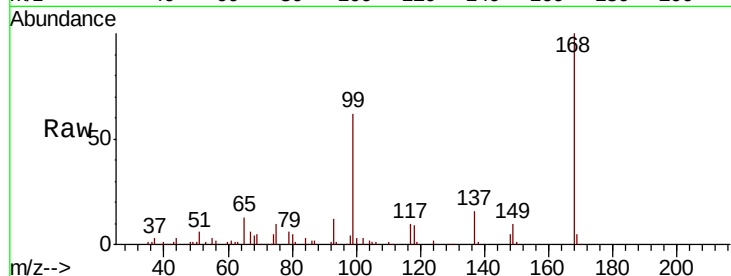
Instrument :
MSVOA_F
ClientSampleId :

Tot Ion:168 Resp: 152091

Ion Ratio Lower Upper

168 100

99 61.7 57.2 85.8



Abundance Ion 168.00 (167.70 to 168.70): VF0

Ion 99.00 (98.70 to 99.70): VF0

4.88

50000

40000

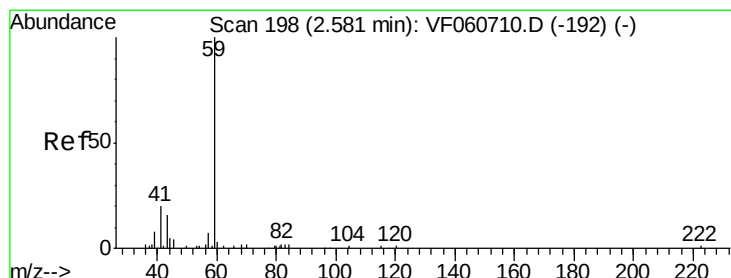
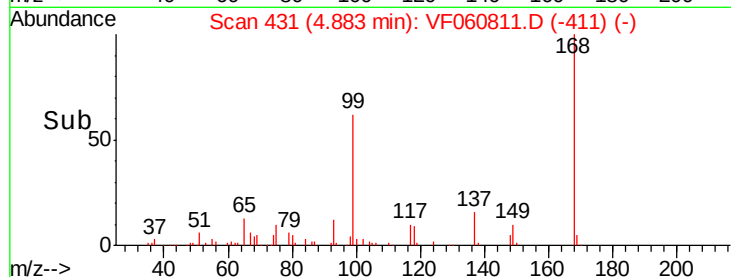
30000

20000

10000

0

Time-->



#11

Tert butyl alcohol

Concen: 1.938 ug/l

RT: 2.57 min Scan# 196

Delta R.T. -0.02 min

Lab File: VF060811.D

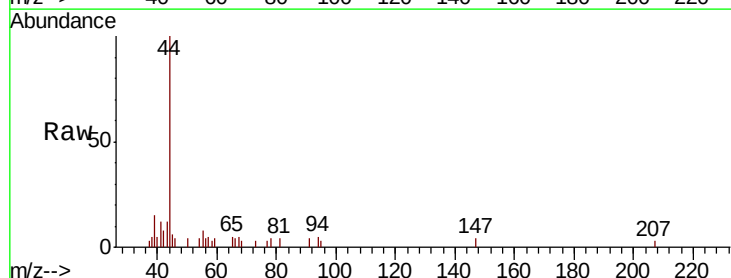
Acq: 20 Nov 2018 19:10

Tgt Ion: 59 Resp: 153

Ion Ratio Lower Upper

59 100

57 130.4 10.5 15.7#



Abundance Ion 59.00 (58.70 to 59.70): VF0

Ion 57.00 (56.70 to 57.70): VF0

2.57

300

250

200

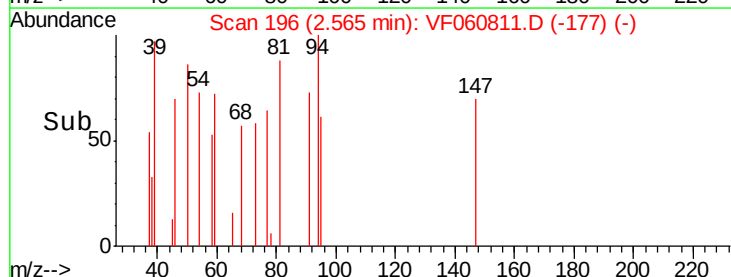
150

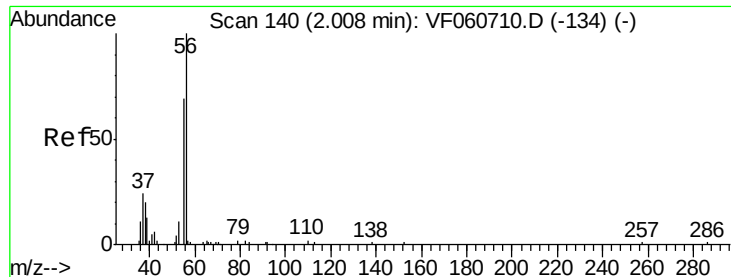
100

50

0

Time-->





#13

Acrolein

Concen: 8.312 ug/l

RT: 1.90 min Scan# 129

Delta R.T. -0.10 min

Lab File: VF060811.D

Acq: 20 Nov 2018 19:10

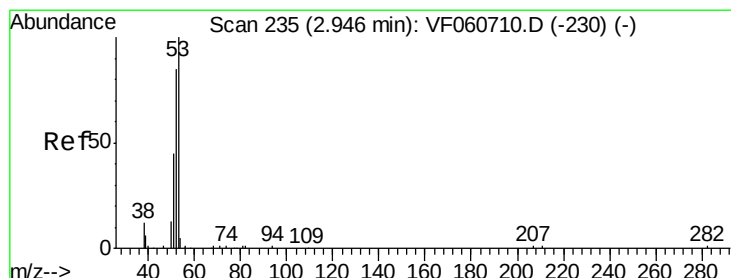
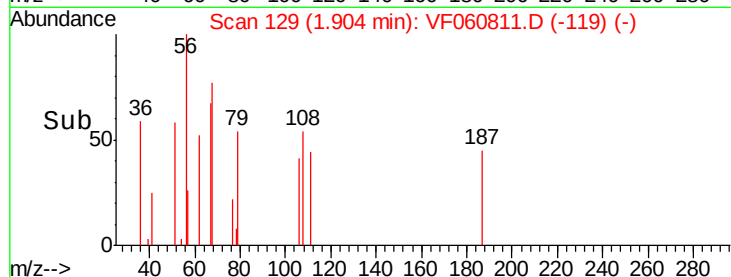
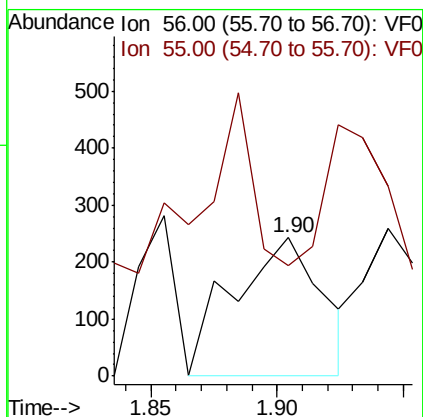
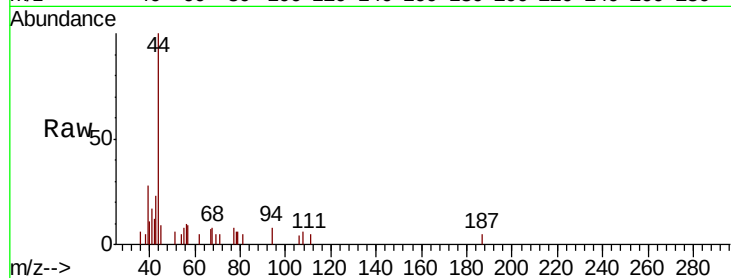
Instrument :
MSVOA_F
ClientSampleId :

Tot Ion: 56 Resp: 600

Ion Ratio Lower Upper

56 100

55 79.8 56.6 85.0



#15

Acrylonitrile

Concen: 1.575 ug/l

RT: 2.92 min Scan# 232

Delta R.T. -0.03 min

Lab File: VF060811.D

Acq: 20 Nov 2018 19:10

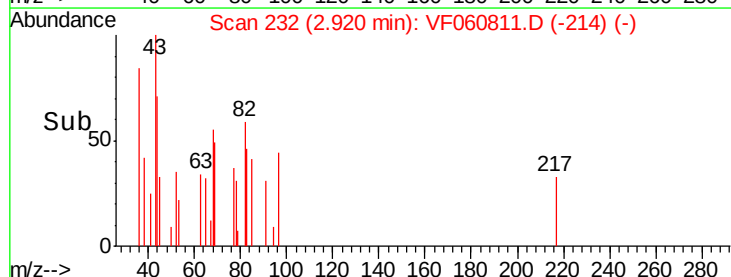
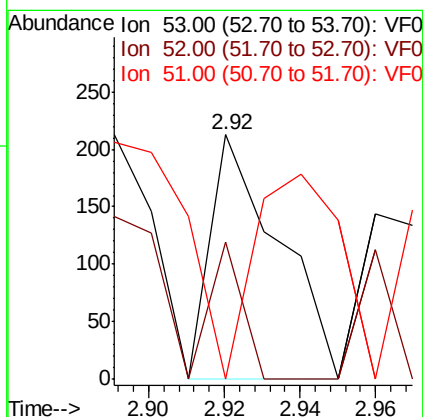
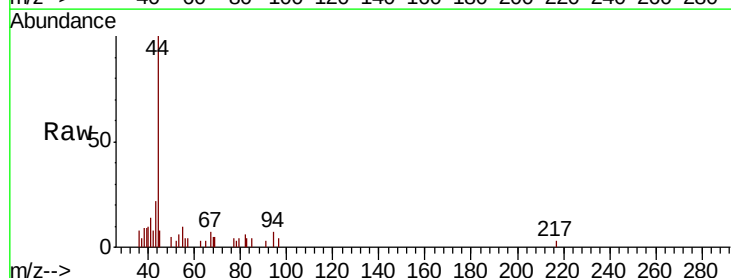
Tgt Ion: 53 Resp: 265

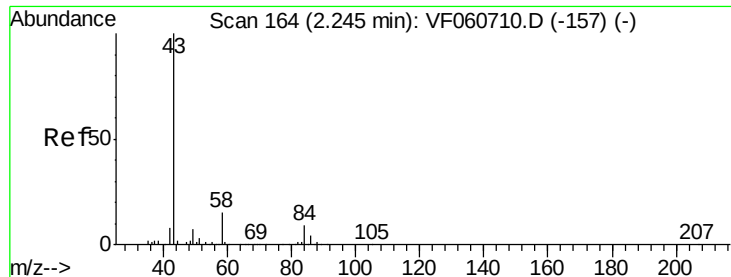
Ion Ratio Lower Upper

53 100

52 55.9 68.8 103.2#

51 0.0 36.7 55.1#





#16

Acetone

Concen: 60.613 ug/l

RT: 2.24 min Scan# 163

Delta R.T. -0.01 min

Lab File: VF060811.D

Acq: 20 Nov 2018 19:10

Instrument :

MSVOA_F

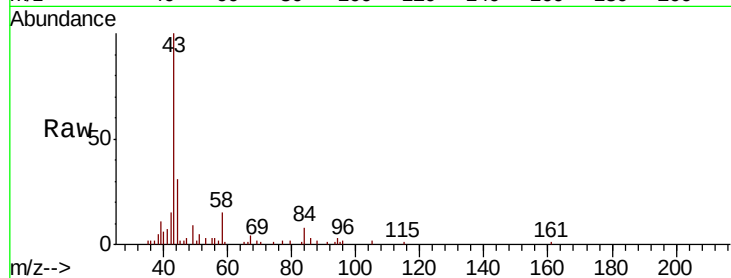
ClientSampleId :

Tot Ion: 43 Resp: 22475

Ion Ratio Lower Upper

43 100

58 14.6 11.6 17.4



Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 58.00 (57.70 to 58.70): VF0

2.24

8000

6000

4000

2000

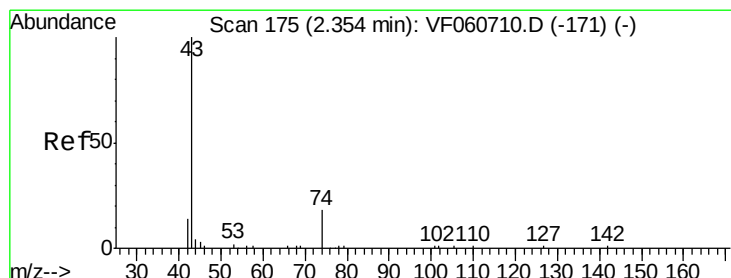
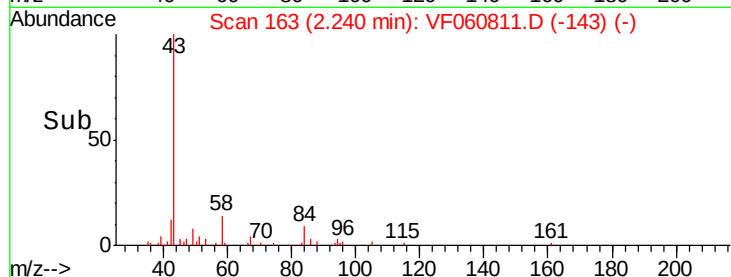
0

Time-->

2.10

2.20

2.30



#18

Methyl Acetate

Concen: 31.480 ug/l

RT: 2.24 min Scan# 163

Delta R.T. -0.11 min

Lab File: VF060811.D

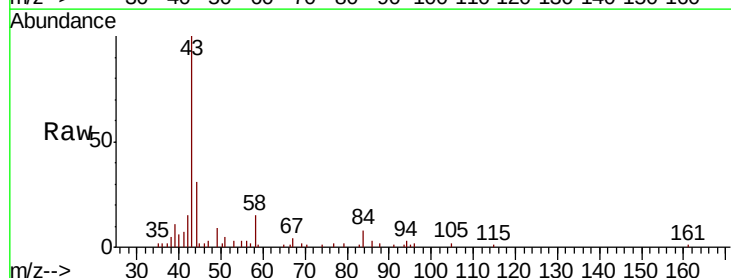
Acq: 20 Nov 2018 19:10

Tgt Ion: 43 Resp: 19167

Ion Ratio Lower Upper

43 100

74 1.3 11.8 17.8#



Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 74.00 (73.70 to 74.70): VF0

10000

8000

6000

4000

2000

0

Time-->

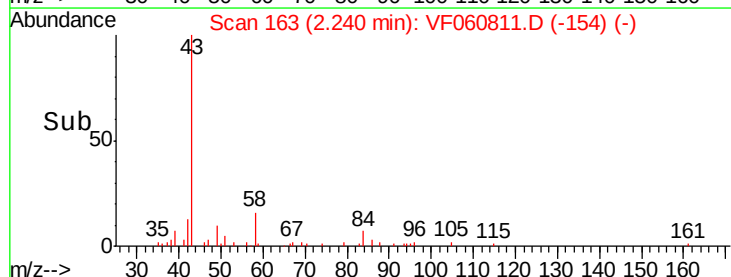
2.15

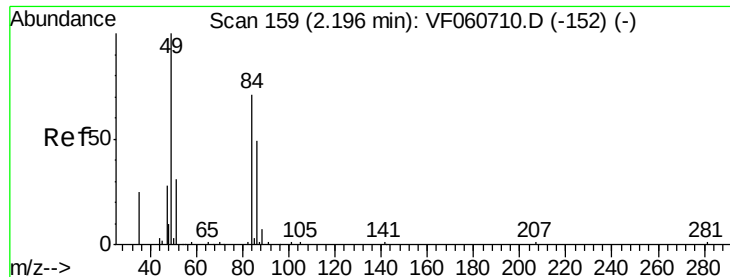
2.20

2.25

2.30

2.35

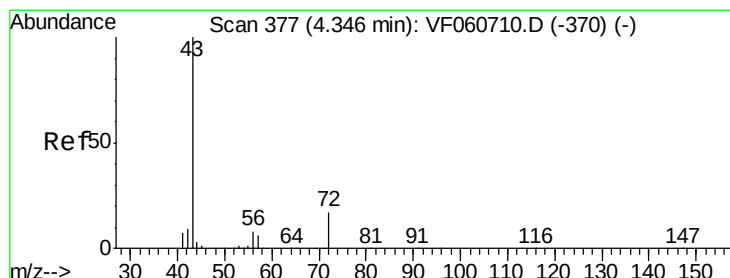
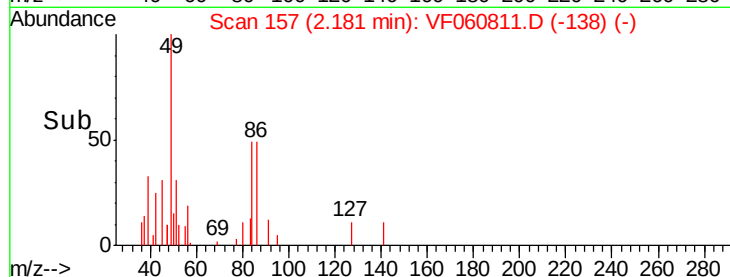
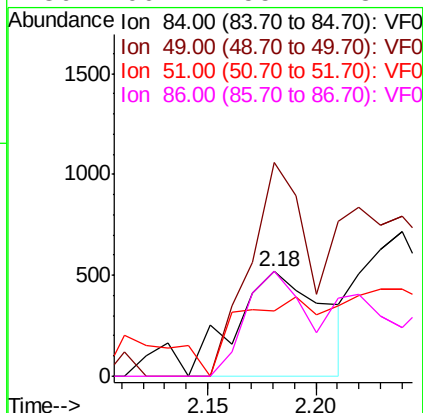
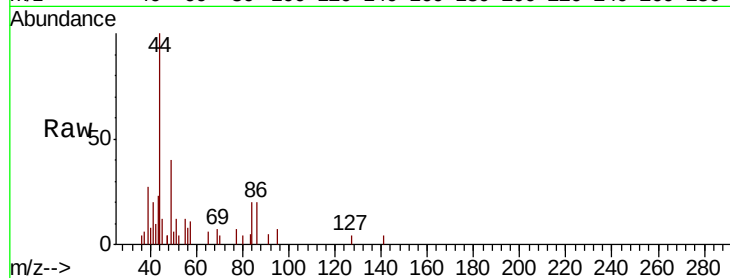




#20
Methvlene Chloride
Concen: Below Cal
RT: 2.18 min Scan# 157
Delta R.T. -0.01 min
Lab File: VF060811.D
Acq: 20 Nov 2018 19:10

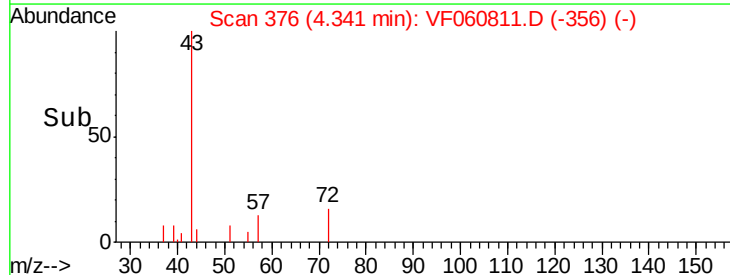
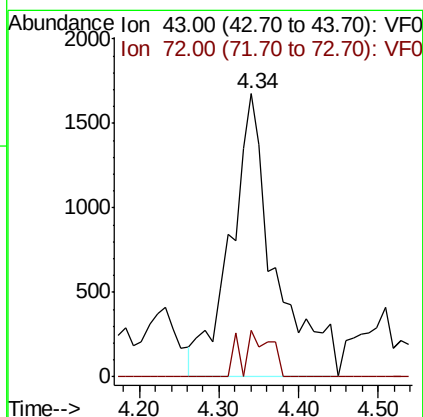
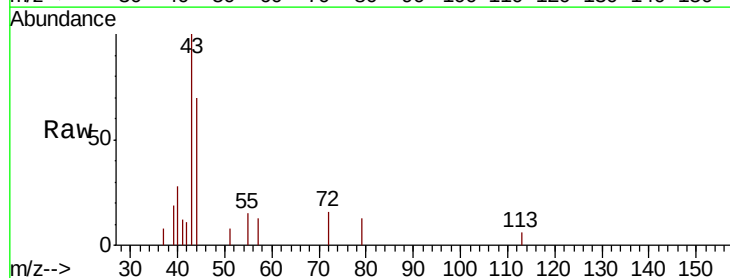
Instrument :
MSVOA_F
ClientSampleId :

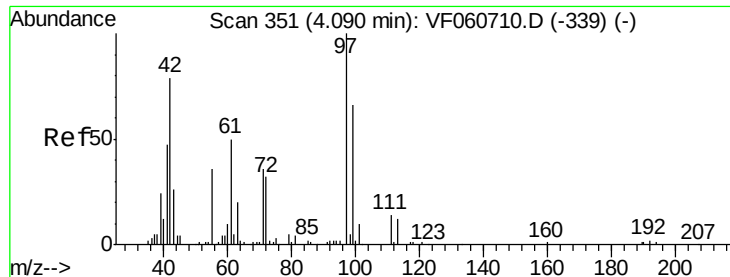
Tot Ion: 84 Resp: 1473
Ion Ratio Lower Upper
84 100
49 204.0 120.2 180.4#
51 62.4 37.2 55.8#
86 100.4 55.1 82.7#



#25
2-Butanone
Concen: 10.567 ug/l
RT: 4.34 min Scan# 376
Delta R.T. -0.01 min
Lab File: VF060811.D
Acq: 20 Nov 2018 19:10

Tgt Ion: 43 Resp: 6445
Ion Ratio Lower Upper
43 100
72 16.4 16.1 24.1





#29

Tetrahydrofuran

Concen: 2.802 ug/l

RT: 4.09 min Scan# 351

Delta R.T. 0.00 min

Lab File: VF060811.D

Acq: 20 Nov 2018 19:10

Instrument :

MSVOA_F

ClientSampled :

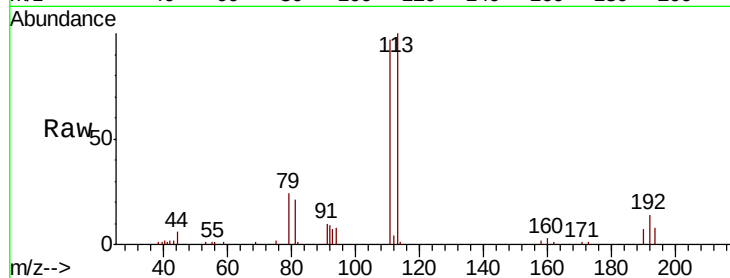
Tot Ion: 42 Resp: 705

Ion Ratio Lower Upper

42 100

72 0.0 30.3 45.5#

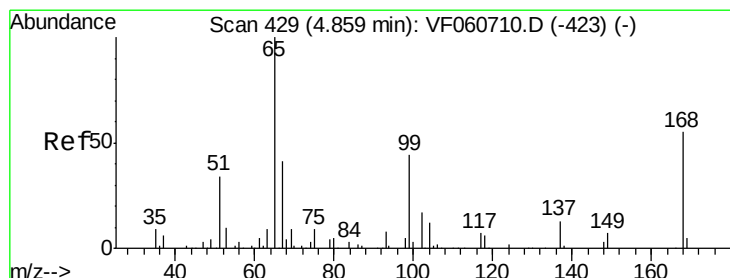
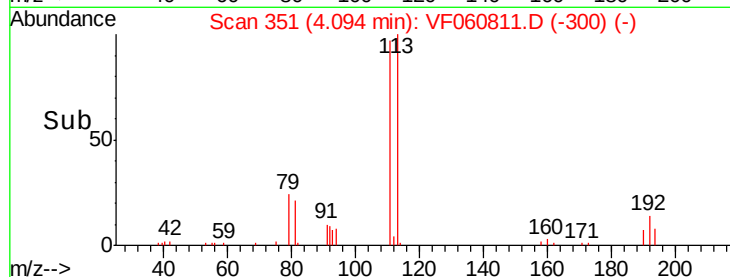
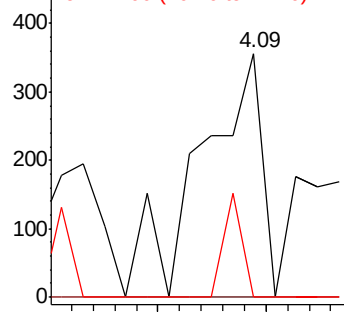
71 12.8 32.2 48.2#



Abundance Ion 42.00 (41.70 to 42.70): VF0

Ion 72.00 (71.70 to 72.70): VF0

Ion 71.00 (70.70 to 71.70): VF0



#33

1,2-Dichloroethane-d4

Concen: 46.394 ug/l

RT: 4.85 min Scan# 428

Delta R.T. -0.01 min

Lab File: VF060811.D

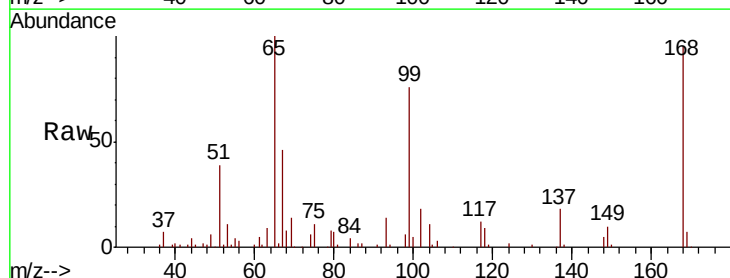
Acq: 20 Nov 2018 19:10

Tgt Ion: 65 Resp: 80484

Ion Ratio Lower Upper

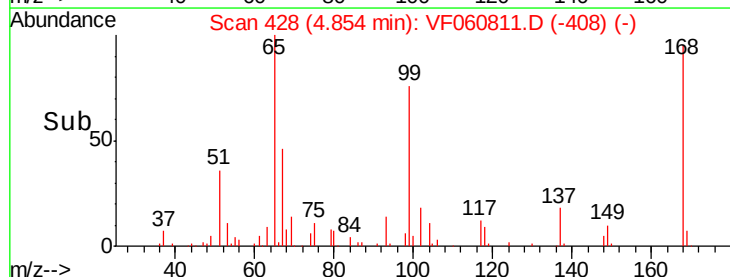
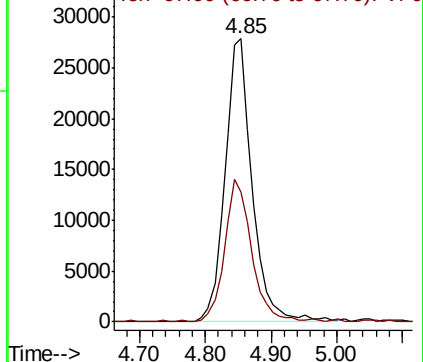
65 100

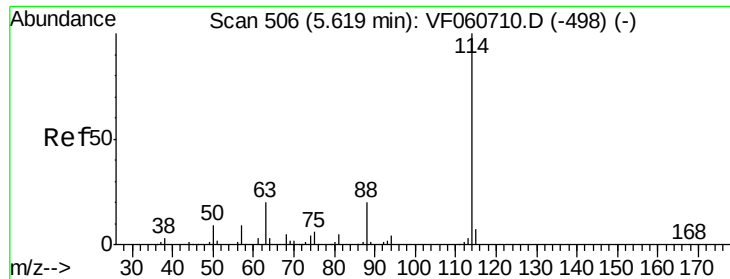
67 45.7 0.0 90.2



Abundance Ion 65.00 (64.70 to 65.70): VF0

Ion 67.00 (66.70 to 67.70): VF0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.60 min Scan# 504

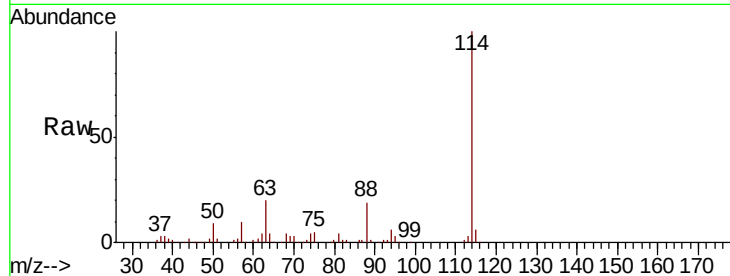
Delta R.T. -0.02 min

Lab File: VF060811.D

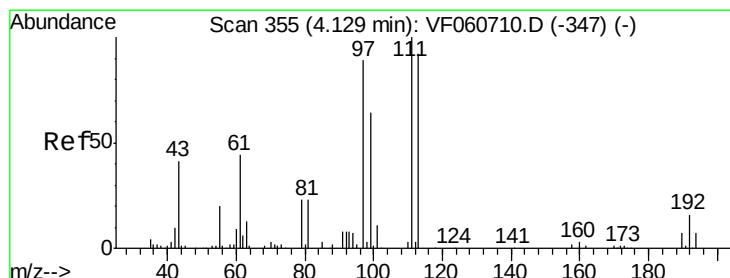
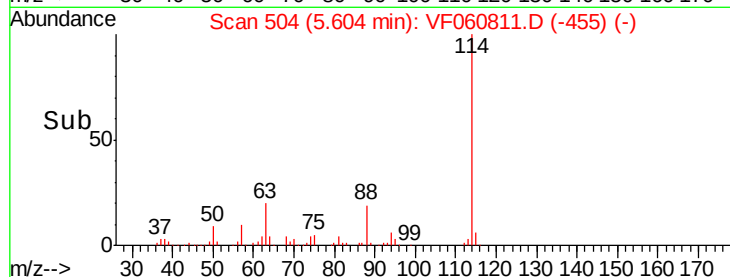
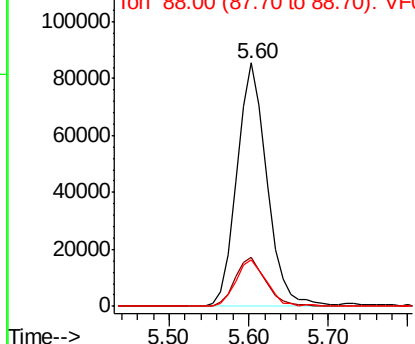
Acq: 20 Nov 2018 19:10

Instrument :
MSVOA_F
ClientSampleId :

Tot Ion:114	Resp:	224717
Ion Ratio	Lower	Upper
114	100	
63	20.4	0.0 40.8
88	19.2	0.0 39.6



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: 56.828 ug/l

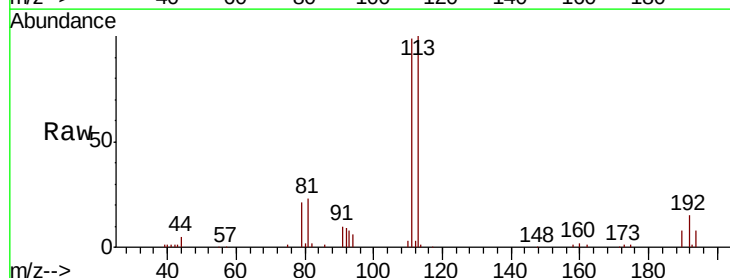
RT: 4.11 min Scan# 353

Delta R.T. -0.02 min

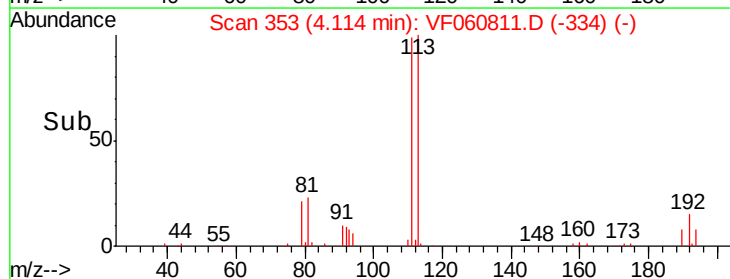
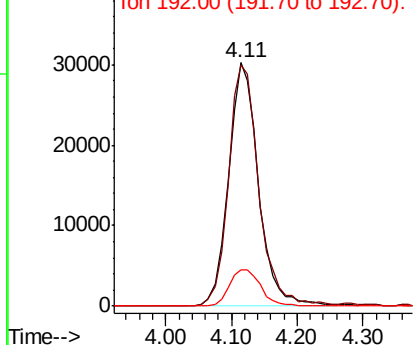
Lab File: VF060811.D

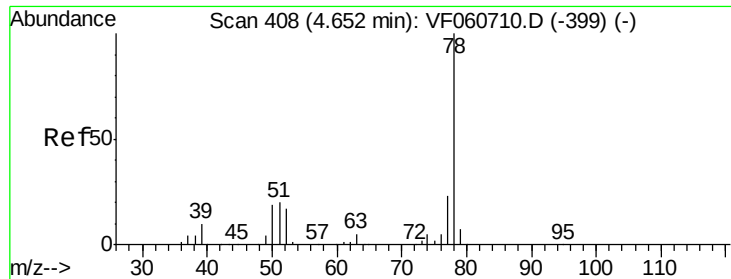
Acq: 20 Nov 2018 19:10

Tgt Ion:113	Resp:	95993
Ion Ratio	Lower	Upper
113	100	
111	99.0	87.1 130.7
192	14.8	13.8 20.6



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





#40

Benzene

Concen: 3.099 ug/l

RT: 4.64 min Scan# 406

Delta R.T. -0.02 min

Lab File: VF060811.D

Acq: 20 Nov 2018 19:10

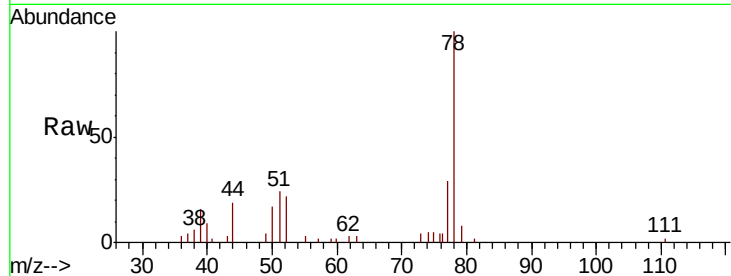
Instrument :
MSVOA_F
ClientSampleId :

Tot Ion: 78 Resp: 18006

Ion Ratio Lower Upper

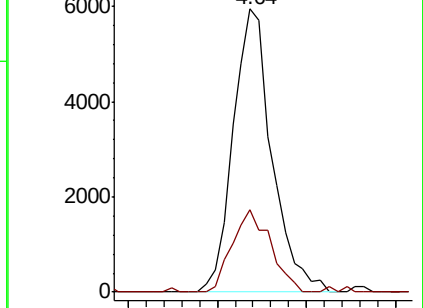
78 100

77 28.9 18.6 28.0#

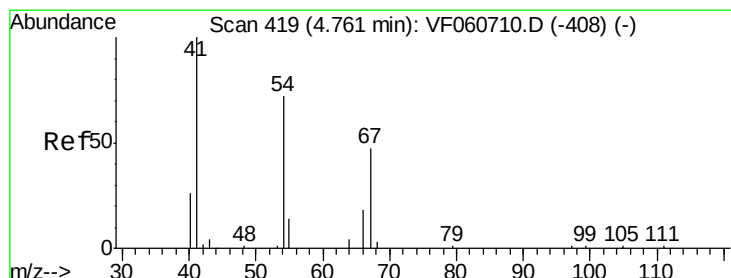
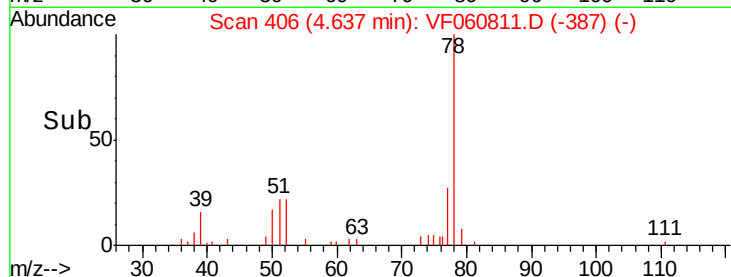


Abundance Ion 78.10 (77.80 to 78.80): VF0

Ion 77.00 (76.70 to 77.70): VF0



Time-->



#41

Methacrylonitrile

Concen: Below Cal

RT: 4.75 min Scan# 417

Delta R.T. -0.01 min

Lab File: VF060811.D

Acq: 20 Nov 2018 19:10

Tgt Ion: 41 Resp: 1138

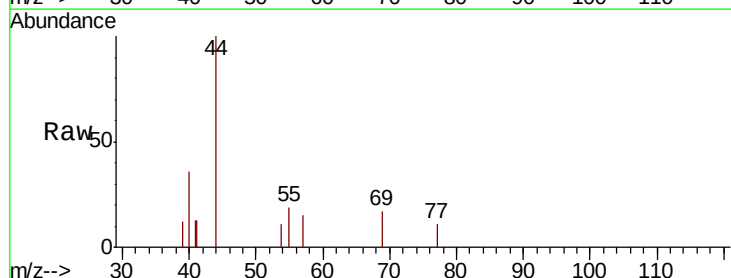
Ion Ratio Lower Upper

41 100

39 47.0 47.1 70.7#

67 0.0 37.1 55.7#

52 0.0 39.3 58.9#

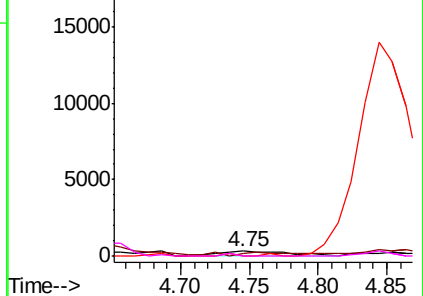


Abundance Ion 41.00 (40.70 to 41.70): VF0

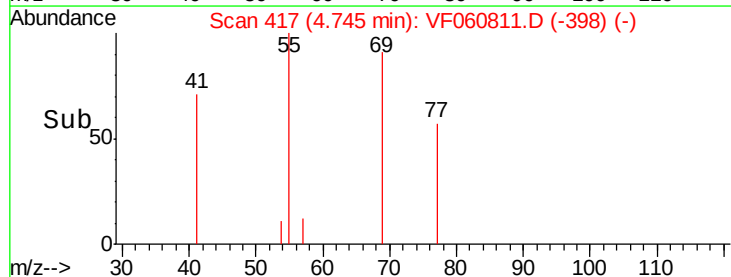
Ion 39.00 (38.70 to 39.70): VF0

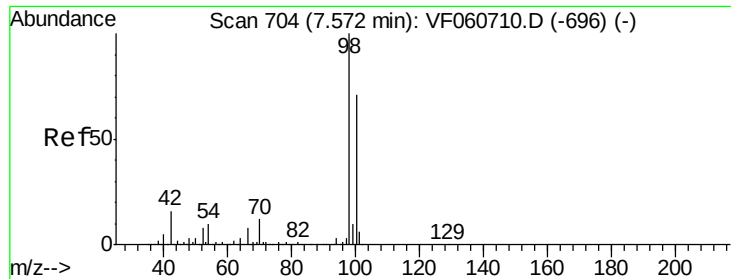
Ion 67.00 (66.70 to 67.70): VF0

Ion 52.00 (51.70 to 52.70): VF0



Time-->





#50

Toluene-d8

Concen: 45.412 ug/l

RT: 7.56 min Scan# 702

Delta R.T. -0.01 min

Lab File: VF060811.D

Acq: 20 Nov 2018 19:10

Instrument :

MSVOA_F

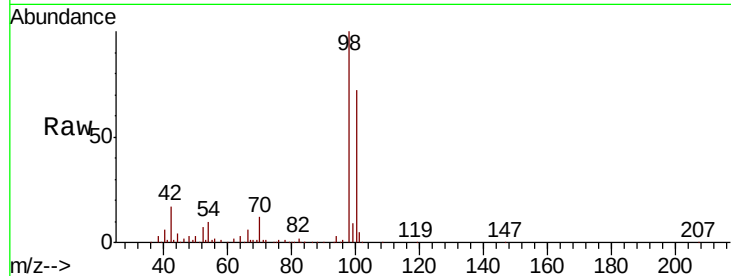
ClientSampleId :

Tot Ion: 98 Resp: 198305

Ion Ratio Lower Upper

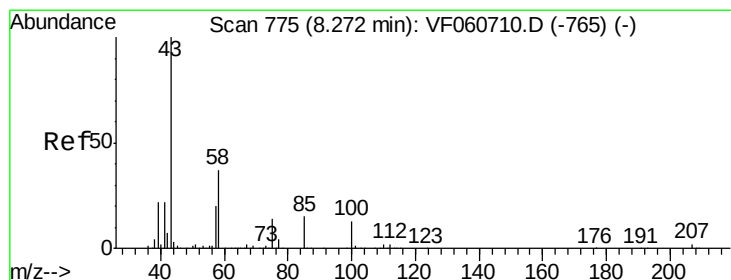
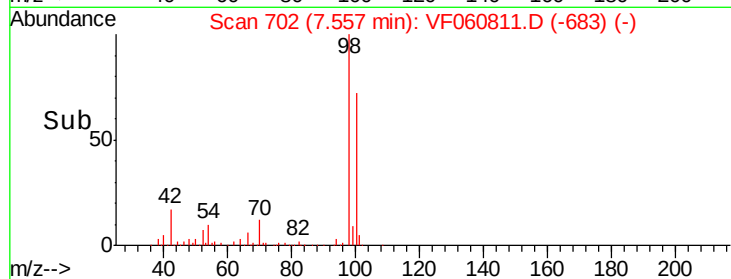
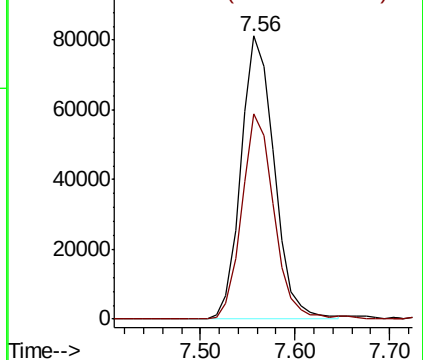
98 100

100 72.4 56.5 84.7



Abundance Ion 98.00 (97.70 to 98.70): VF0

Ion 100.00 (99.70 to 100.70): VF0



#51

4-Methyl-2-Pentanone

Concen: 3.212 ug/l

RT: 8.28 min Scan# 775

Delta R.T. 0.00 min

Lab File: VF060811.D

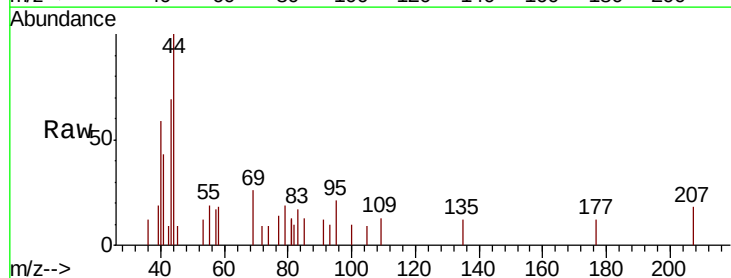
Acq: 20 Nov 2018 19:10

Tgt Ion: 43 Resp: 2984

Ion Ratio Lower Upper

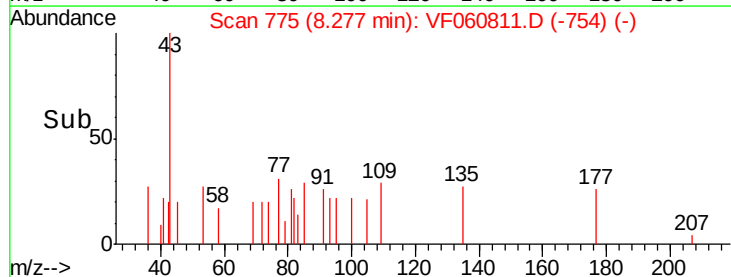
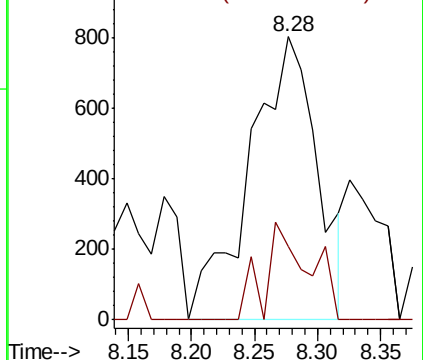
43 100

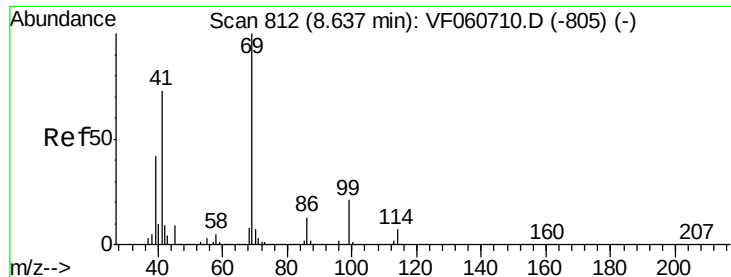
58 25.9 29.2 43.8#



Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 58.00 (57.70 to 58.70): VF0





#56

Ethyl methacrylate

Concen: 1.073 ug/l

RT: 8.63 min Scan# 811

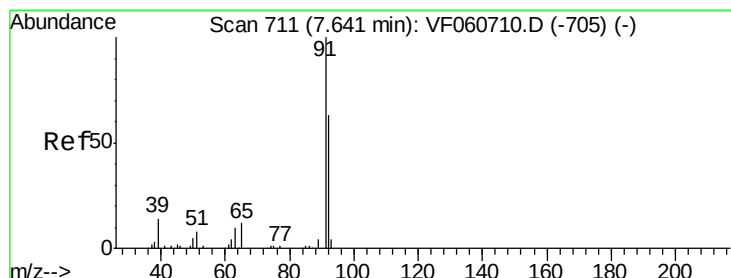
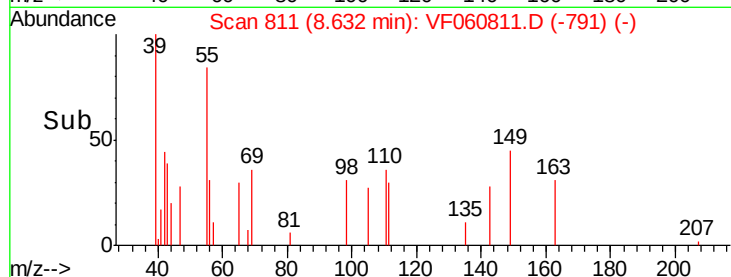
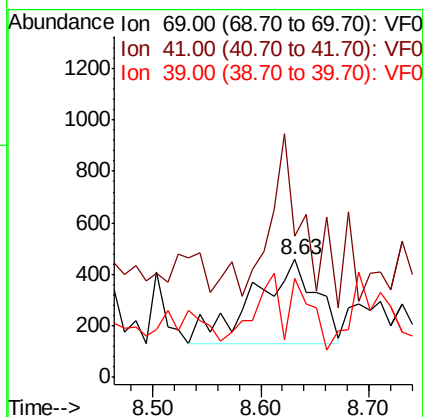
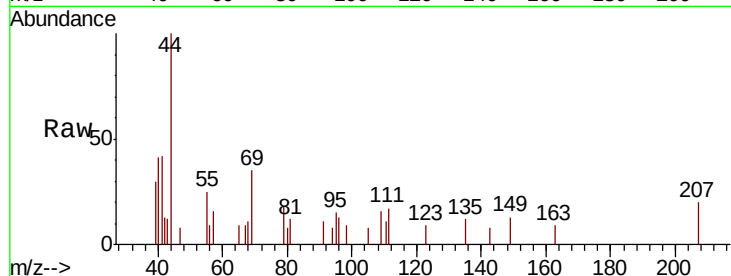
Delta R.T. -0.01 min

Lab File: VF060811.D

Acq: 20 Nov 2018 19:10

Instrument :
MSVOA_F
ClientSampled :

Tot Ion:	69	Resp:	1356
Ion	Ratio	Lower	Upper
69	100		
41	119.9	59.0	88.6#
39	84.1	34.0	51.0#



#58

2-Chloroethyl Vinyl ether

Concen: 3.848 ug/l

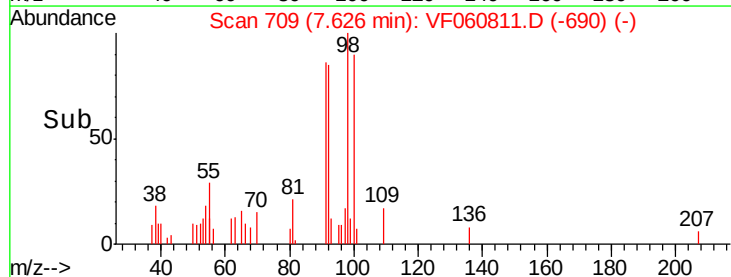
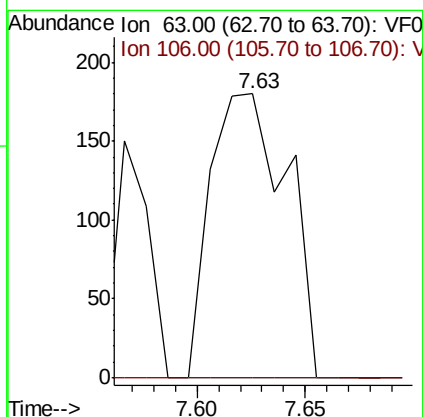
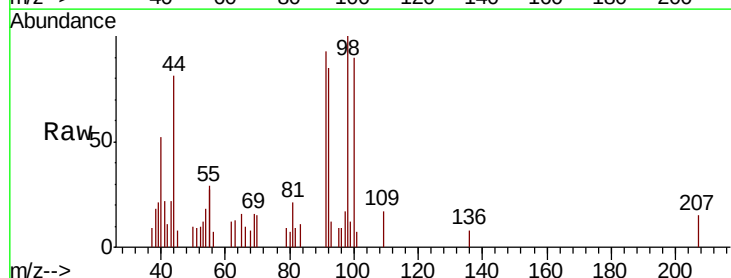
RT: 7.63 min Scan# 709

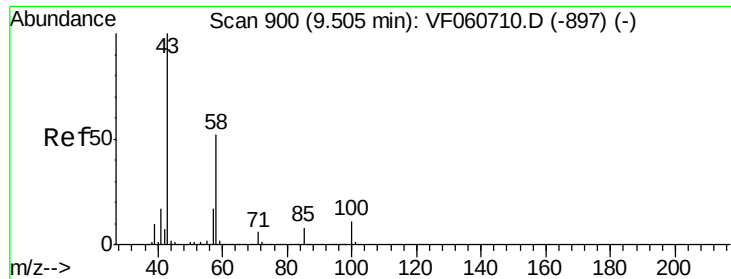
Delta R.T. -0.02 min

Lab File: VF060811.D

Acq: 20 Nov 2018 19:10

Tgt Ion:	63	Resp:	444
Ion	Ratio	Lower	Upper
63	100		
106	0.0	0.0	0.0

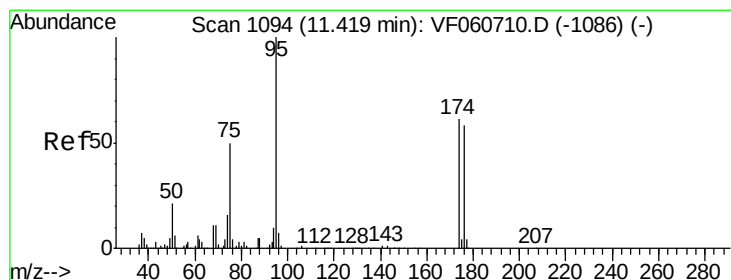
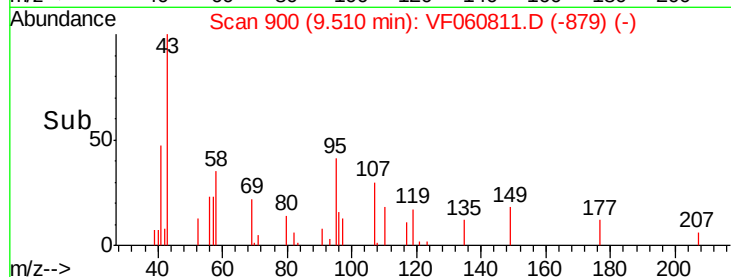
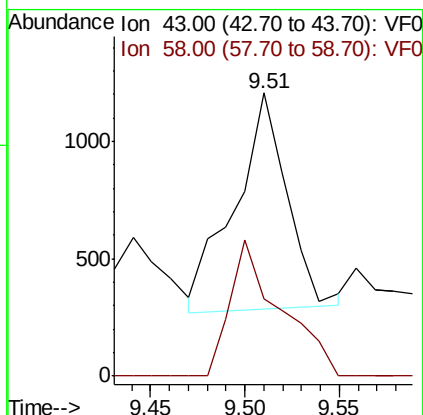
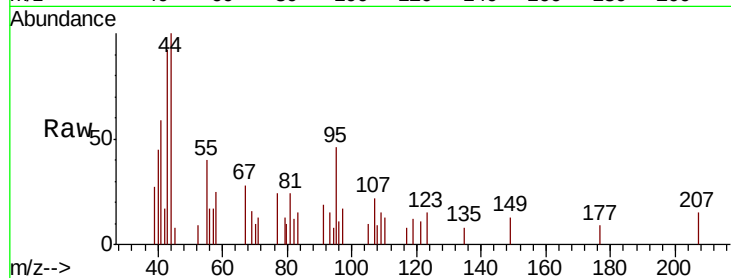




#59
2-Hexanone
Concen: 2.720 ug/l
RT: 9.51 min Scan# 900
Delta R.T. 0.00 min
Lab File: VF060811.D
Acq: 20 Nov 2018 19:10

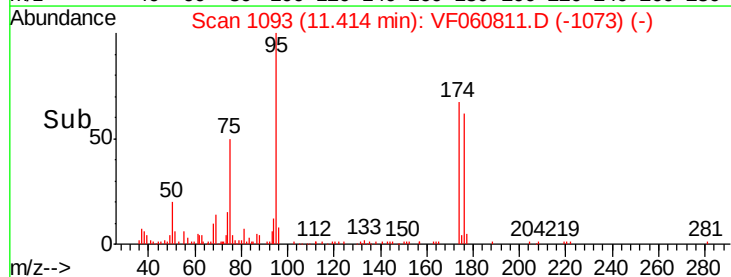
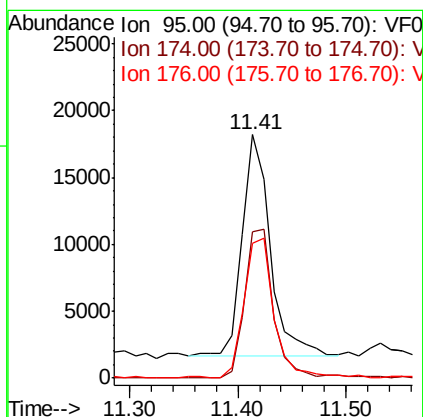
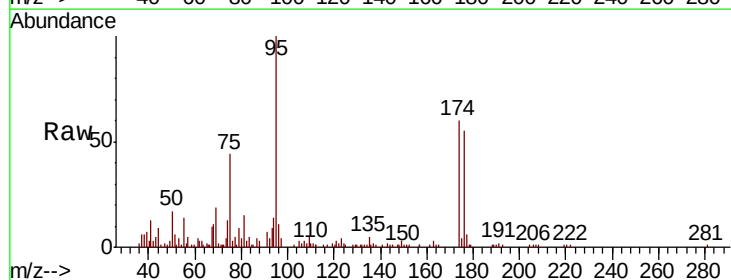
Instrument :
MSVOA_F
ClientSampled :

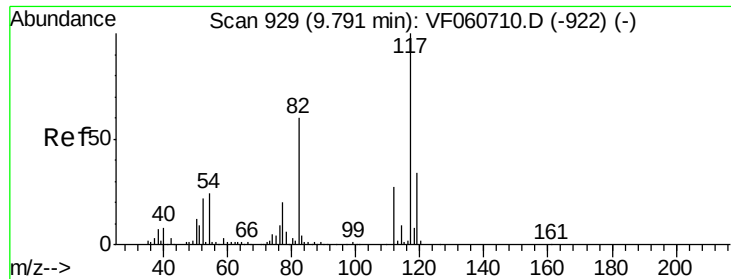
Tot Ion: 43 Resp: 1776
Ion Ratio Lower Upper
43 100
58 27.3 24.9 74.7



#62
4-Bromofluorobenzene
Concen: 11.942 ug/l
RT: 11.41 min Scan# 1093
Delta R.T. -0.00 min
Lab File: VF060811.D
Acq: 20 Nov 2018 19:10

Tgt Ion: 95 Resp: 30027
Ion Ratio Lower Upper
95 100
174 60.0 0.0 121.6
176 55.2 0.0 115.2

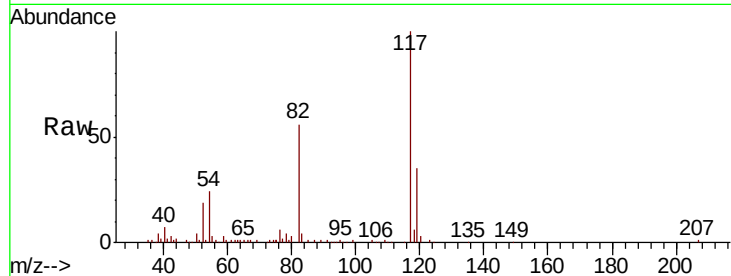




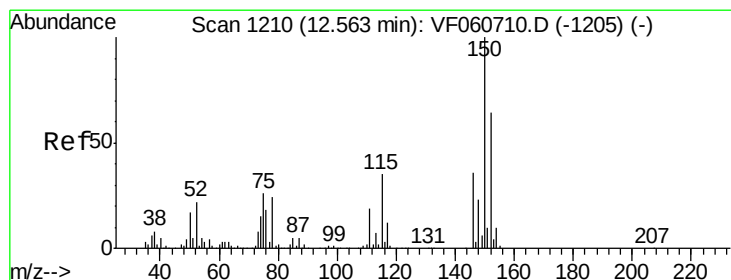
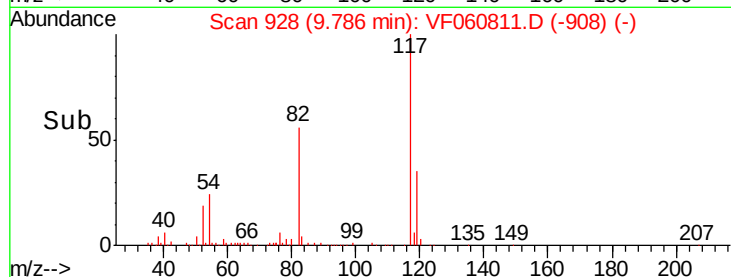
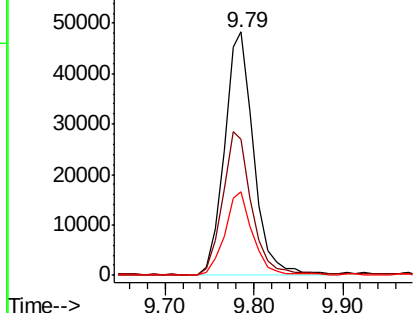
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.79 min Scan# 928
Delta R.T. -0.01 min
Lab File: VF060811.D
Acq: 20 Nov 2018 19:10

Instrument :
MSVOA_F
ClientSampleId :

Tot Ion:117 Resp: 111412
Ion Ratio Lower Upper
117 100
82 55.8 47.9 71.9
119 34.6 26.8 40.2

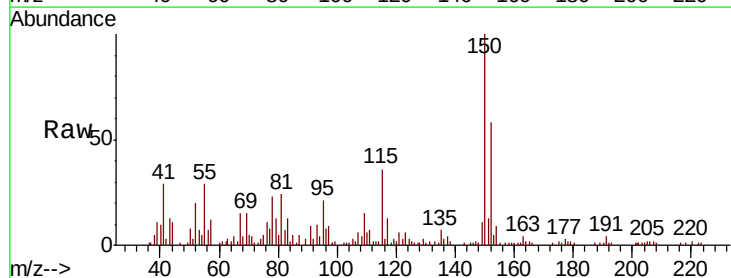


Abundance Ion 117.00 (116.70 to 117.70): V
Ion 82.00 (81.70 to 82.70): VF0
Ion 119.00 (118.70 to 119.70): V

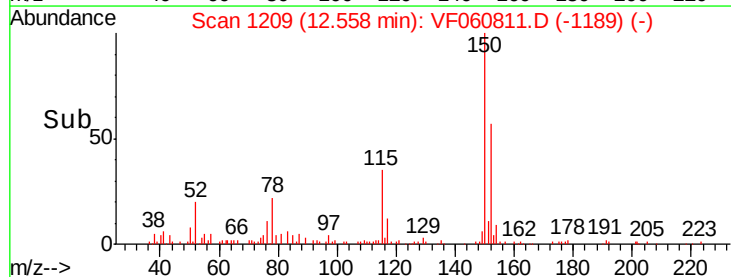
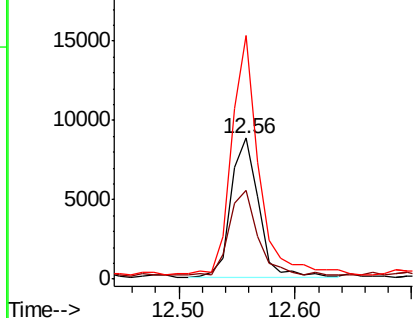


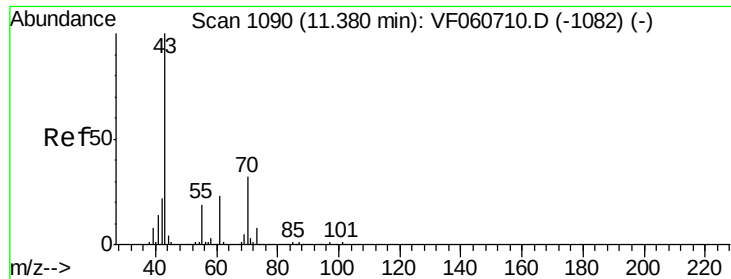
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.56 min Scan# 1209
Delta R.T. -0.01 min
Lab File: VF060811.D
Acq: 20 Nov 2018 19:10

Tgt Ion:152 Resp: 14443
Ion Ratio Lower Upper
152 100
115 62.5 27.9 83.7
150 172.7 0.0 316.4



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-amvl acetate

Concen: 7.383 ug/l

RT: 11.38 min Scan# 1090

Delta R.T. 0.00 min

Lab File: VF060811.D

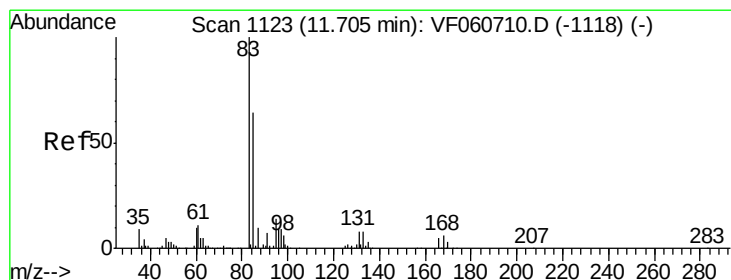
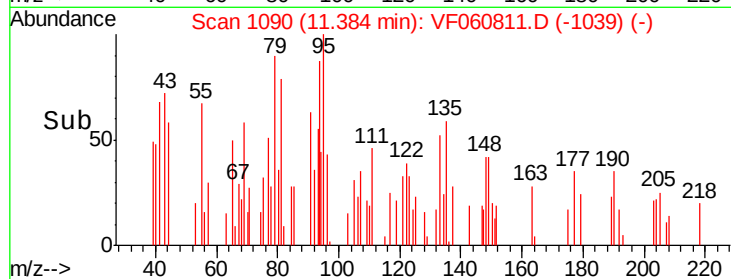
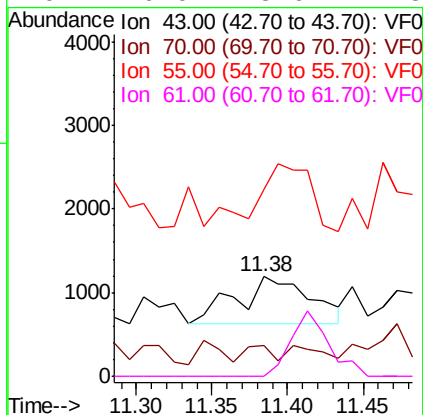
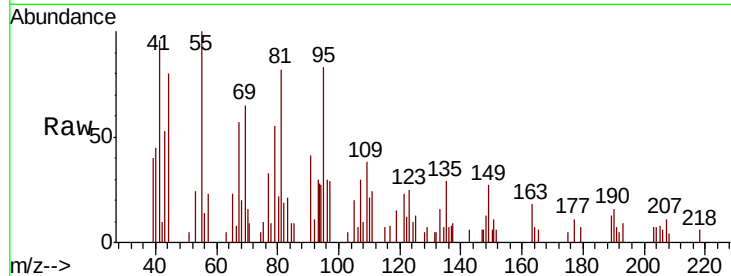
Acq: 20 Nov 2018 19:10

Instrument :

MSVOA_F

ClientSampleId :

Tot Ion:	43	Resp:	1954
Ion	Ratio	Lower	Upper
43	100		
70	30.5	25.5	38.3
55	188.2	14.9	22.3#
61	0.0	18.6	27.8#



#75

1,1,2,2-Tetrachloroethane

Concen: 3.632 ug/l

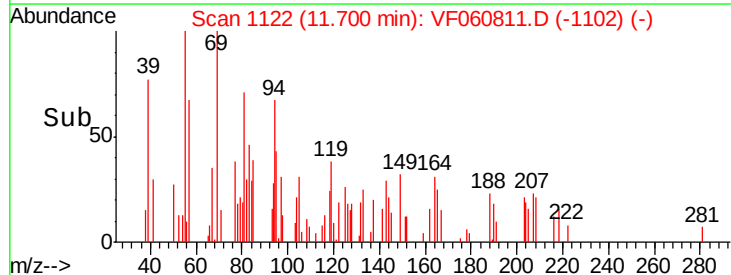
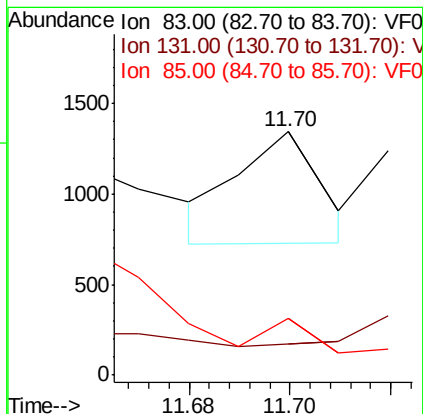
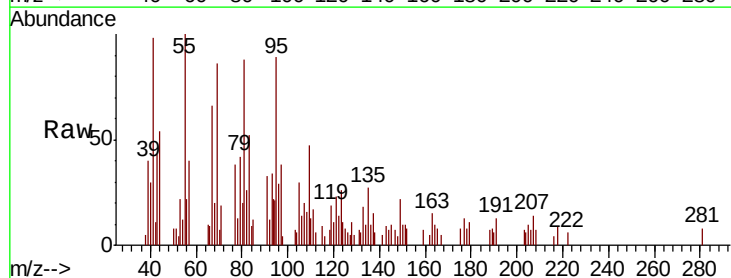
RT: 11.70 min Scan# 1122

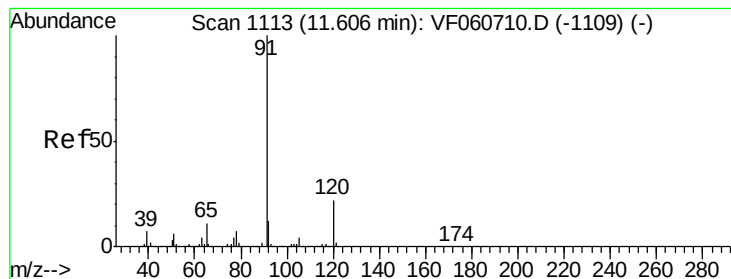
Delta R.T. -0.01 min

Lab File: VF060811.D

Acq: 20 Nov 2018 19:10

Tgt Ion:	83	Resp:	698
Ion	Ratio	Lower	Upper
83	100		
131	12.7	4.2	12.4#
85	23.5	32.0	96.2#





#78

n-propylbenzene

Concen: 2.908 ug/l

RT: 11.60 min Scan# 1112

Delta R.T. -0.01 min

Lab File: VF060811.D

Acq: 20 Nov 2018 19:10

Instrument :

MSVOA_F

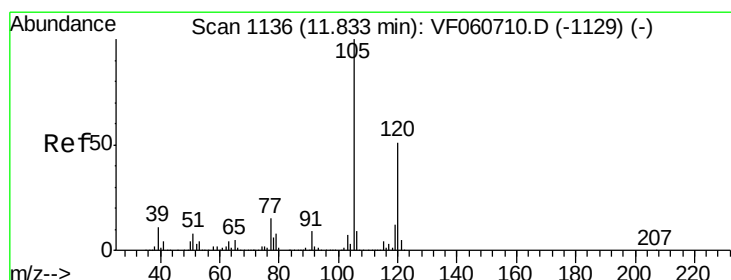
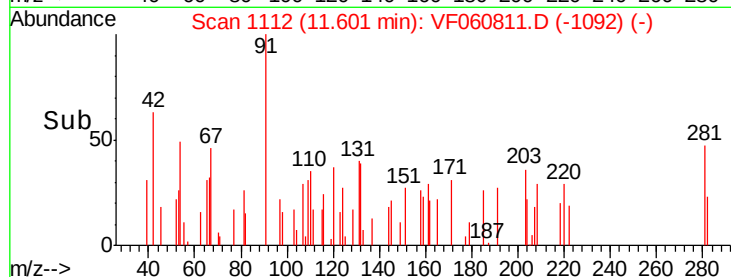
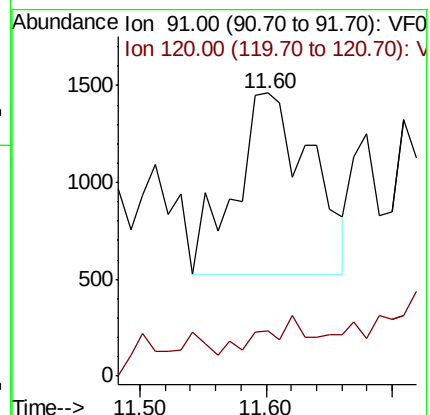
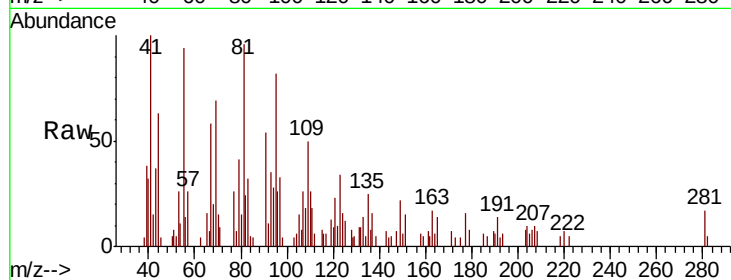
ClientSampleId :

Tot Ion: 91 Resp: 3943

Ion Ratio Lower Upper

91 100

120 15.9 11.2 33.5



#80

1,3,5-Trimethylbenzene

Concen: 1.820 ug/l

RT: 11.83 min Scan# 1135

Delta R.T. -0.01 min

Lab File: VF060811.D

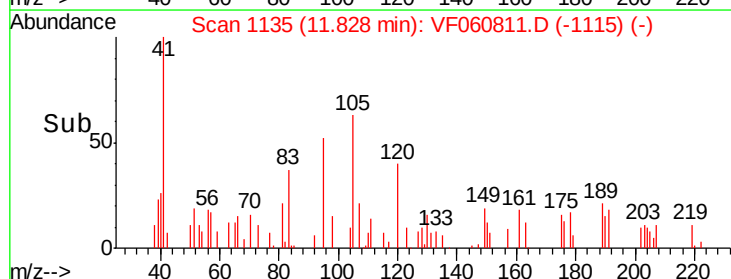
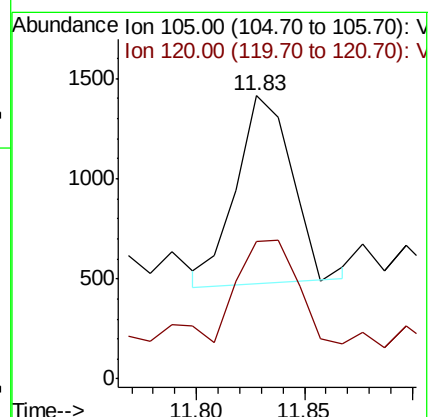
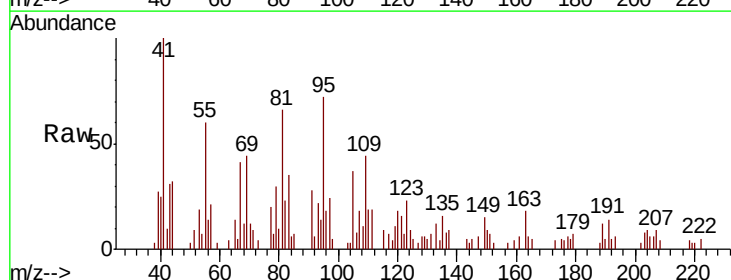
Acq: 20 Nov 2018 19:10

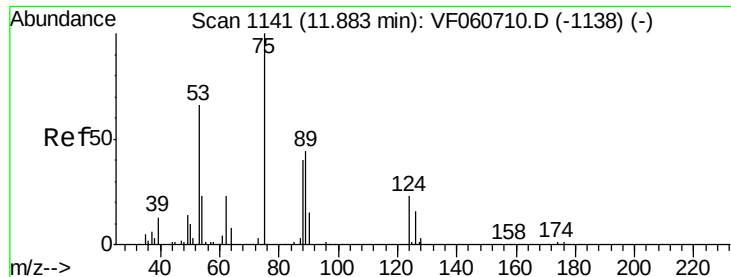
Tgt Ion:105 Resp: 1680

Ion Ratio Lower Upper

105 100

120 48.7 25.6 76.8

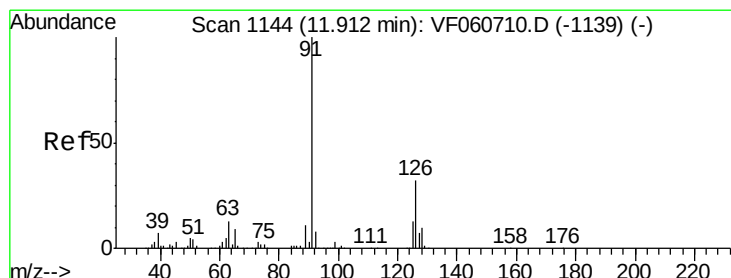
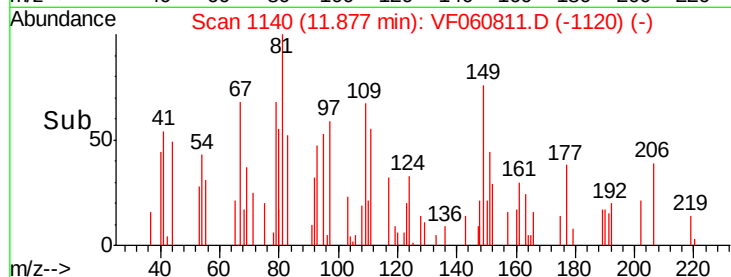
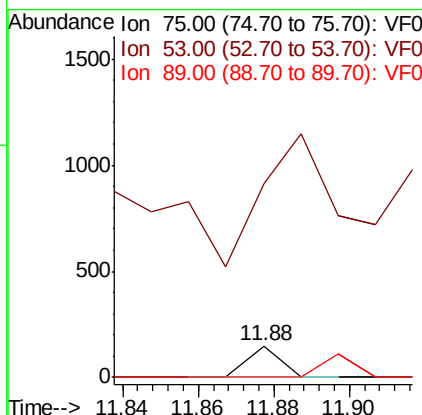
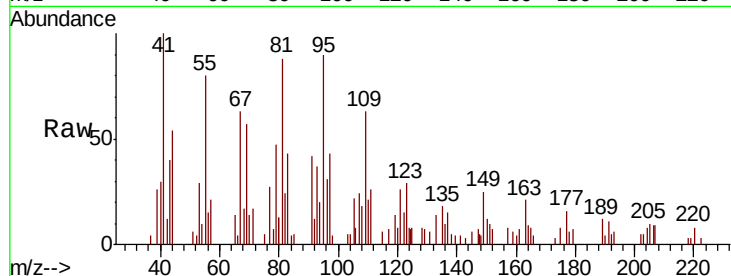




#81
trans-1,4-Dichloro-2-butene
Concen: 1.241 ug/l
RT: 11.88 min Scan# 1140
Delta R.T. -0.01 min
Lab File: VF060811.D
Acq: 20 Nov 2018 19:10

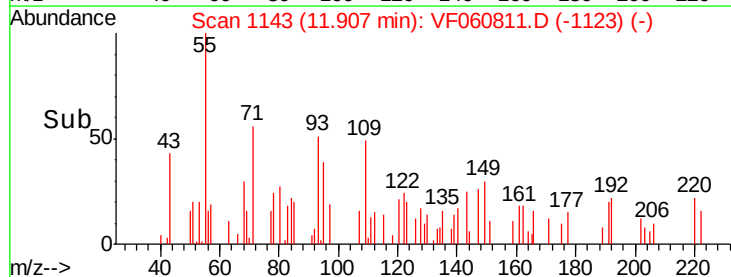
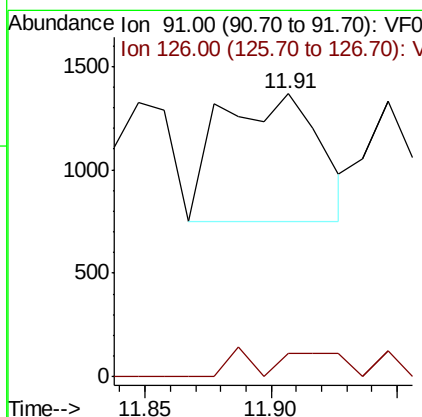
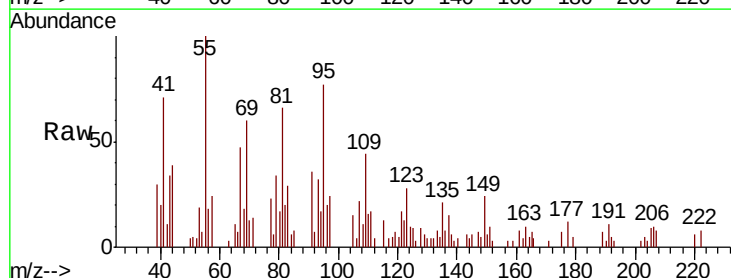
Instrument :
MSVOA_F
ClientSampled :

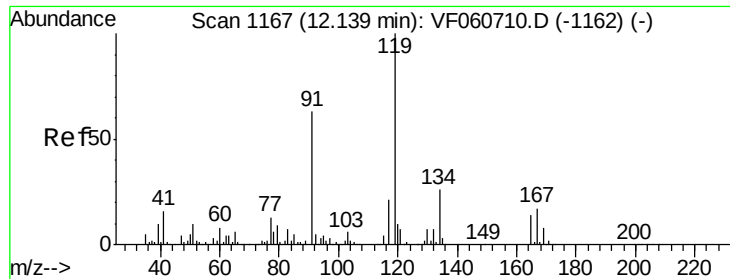
Tot Ion: 75 Resp: 87
Ion Ratio Lower Upper
75 100
53 620.4 57.0 85.4#
89 0.0 37.8 56.8#



#82
4-Chlorotoluene
Concen: 2.081 ug/l
RT: 11.91 min Scan# 1143
Delta R.T. -0.01 min
Lab File: VF060811.D
Acq: 20 Nov 2018 19:10

Tgt Ion: 91 Resp: 1680
Ion Ratio Lower Upper
91 100
126 8.3 16.0 47.9#





#83

tert-Butylbenzene

Concen: 1.172 ug/l

RT: 12.13 min Scan# 1166

Delta R.T. -0.01 min

Lab File: VF060811.D

Acq: 20 Nov 2018 19:10

Instrument :

MSVOA_F

ClientSampled :

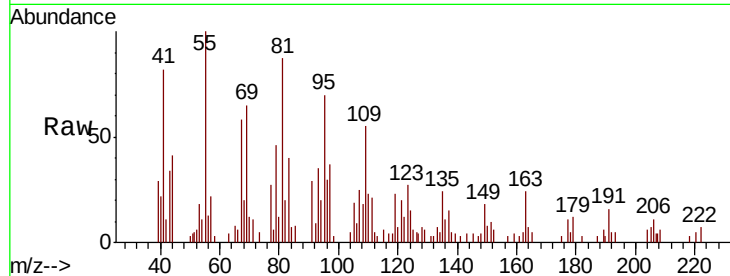
Tot Ion:119 Resp: 1149

Ion Ratio Lower Upper

119 100

91 127.5 31.4 94.3#

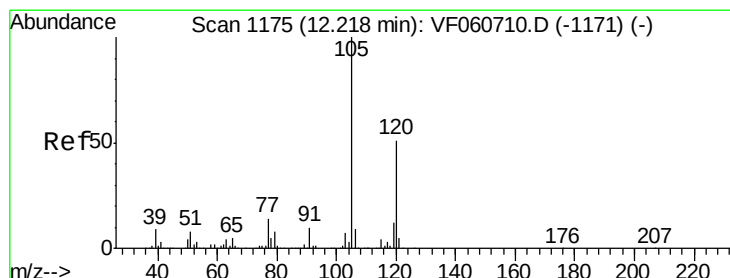
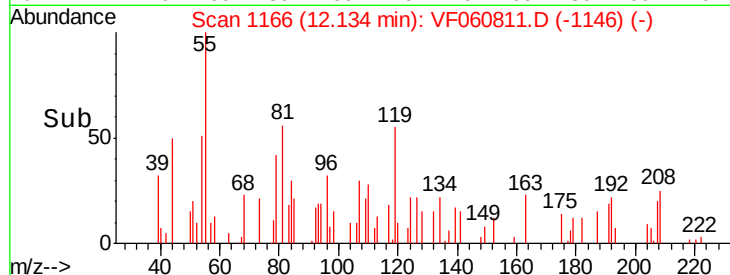
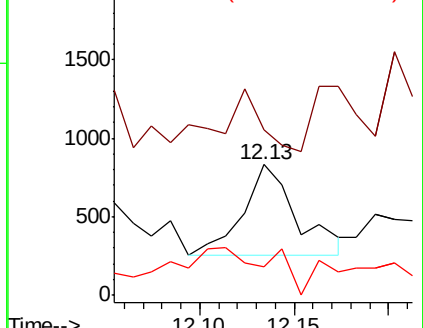
134 21.9 12.8 38.4



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VF0

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 3.481 ug/l

RT: 12.21 min Scan# 1174

Delta R.T. -0.01 min

Lab File: VF060811.D

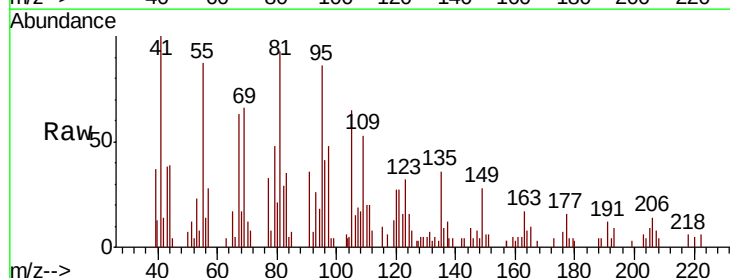
Acq: 20 Nov 2018 19:10

Tgt Ion:105 Resp: 3323

Ion Ratio Lower Upper

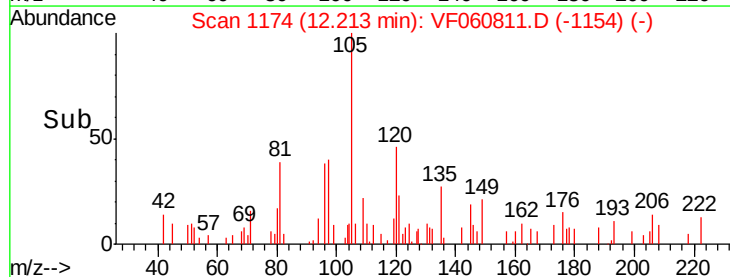
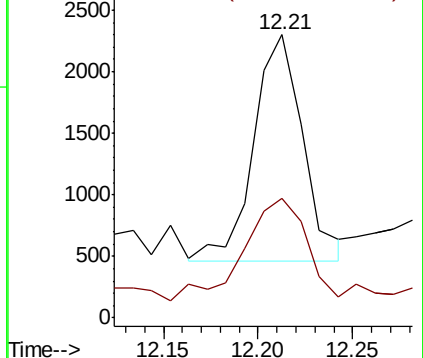
105 100

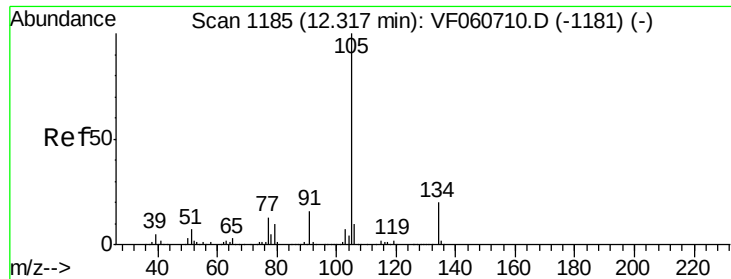
120 42.4 25.5 76.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 2.237 ug/l

RT: 12.31 min Scan# 1184

Delta R.T. -0.01 min

Lab File: VF060811.D

Acq: 20 Nov 2018 19:10

Instrument :

MSVOA_F

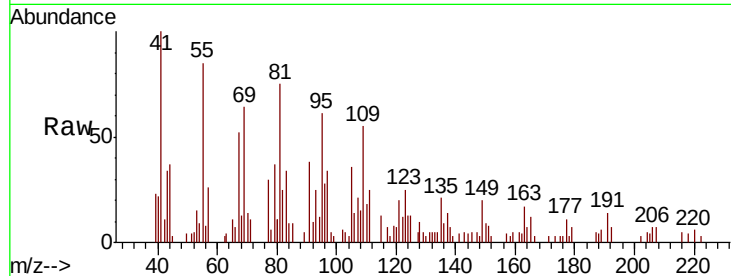
ClientSampleId :

Tot Ion:105 Resp: 2974

Ion Ratio Lower Upper

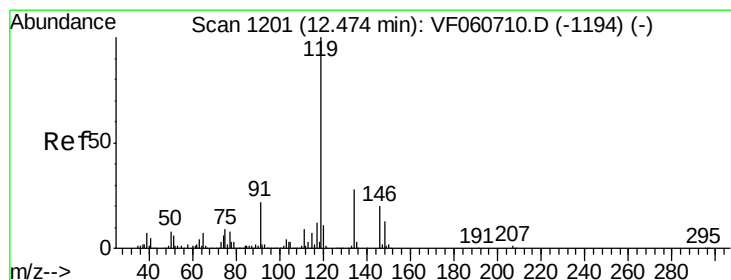
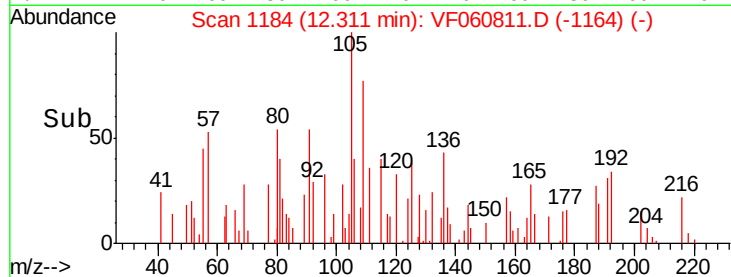
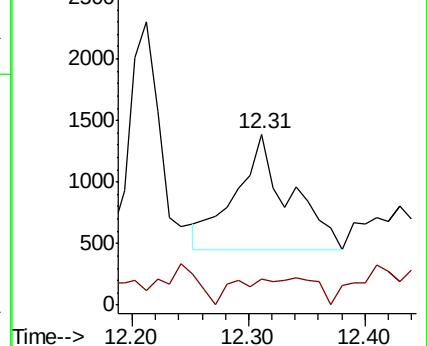
105 100

134 15.1 10.1 30.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 3.099 ug/l

RT: 12.46 min Scan# 1199

Delta R.T. -0.02 min

Lab File: VF060811.D

Acq: 20 Nov 2018 19:10

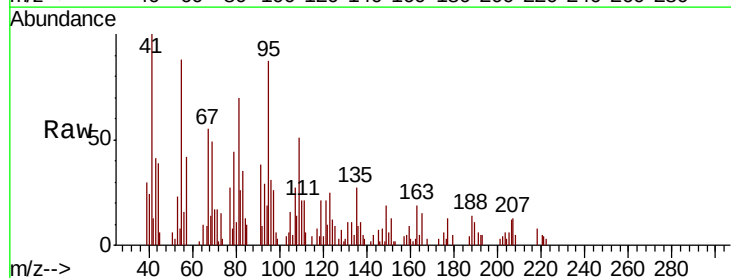
Tgt Ion:119 Resp: 3441

Ion Ratio Lower Upper

119 100

134 25.5 13.9 41.7

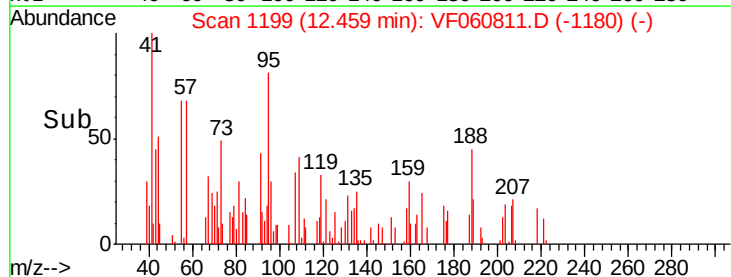
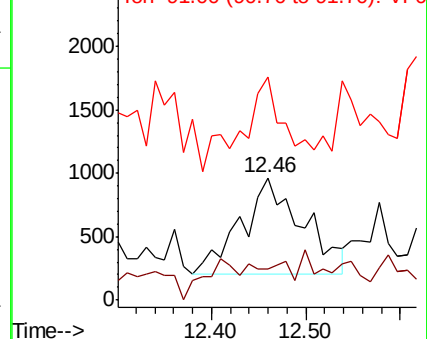
91 182.5 11.3 33.9#

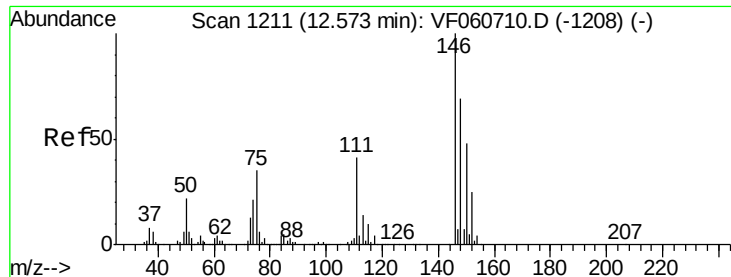


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VF0





#88

1,4-Dichlorobenzene

Concen: 1.391 ug/l

RT: 12.57 min Scan# 1210

Delta R.T. -0.01 min

Lab File: VF060811.D

Acq: 20 Nov 2018 19:10

Instrument :

MSVOA_F

ClientSampleId :

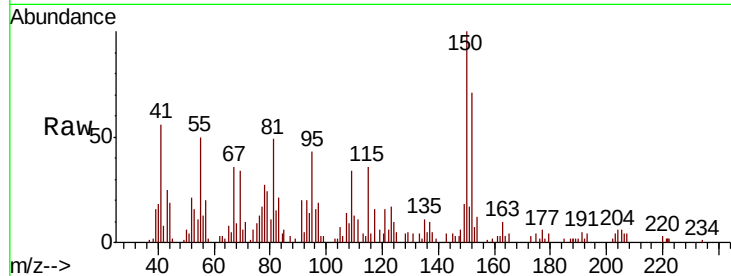
Tot Ion:146 Resp: 644

Ion Ratio Lower Upper

146 100

111 326.1 20.6 61.9#

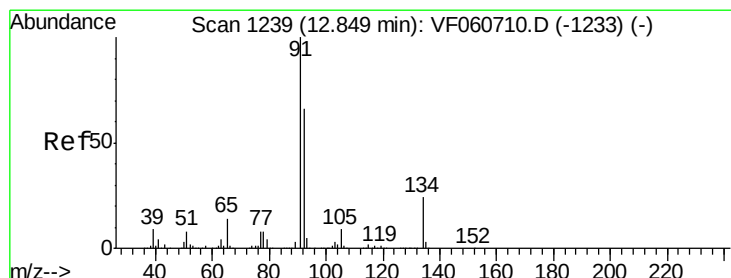
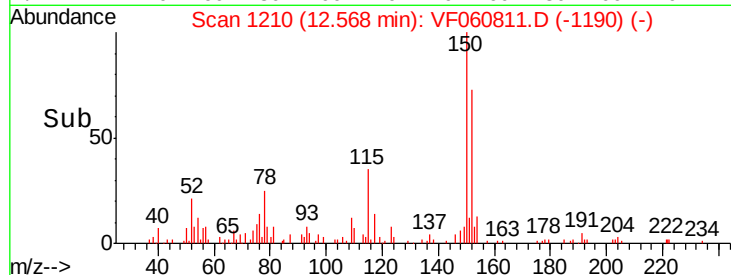
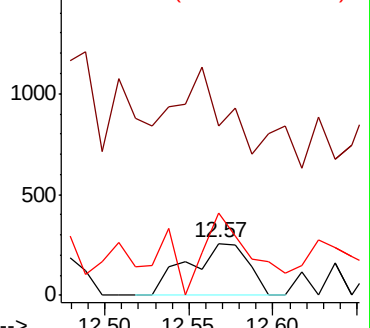
148 159.5 34.7 104.1#



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: 5.716 ug/l

RT: 12.85 min Scan# 1239

Delta R.T. 0.00 min

Lab File: VF060811.D

Acq: 20 Nov 2018 19:10

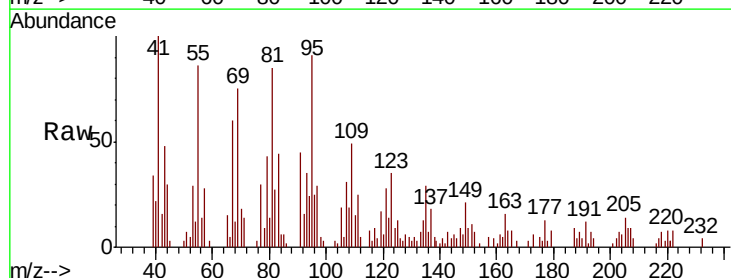
Tgt Ion: 91 Resp: 6477

Ion Ratio Lower Upper

91 100

92 35.9 33.1 99.2

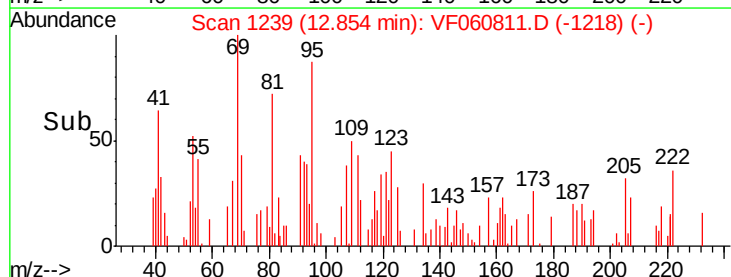
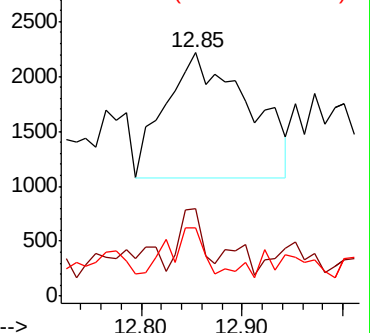
134 27.9 11.9 35.9

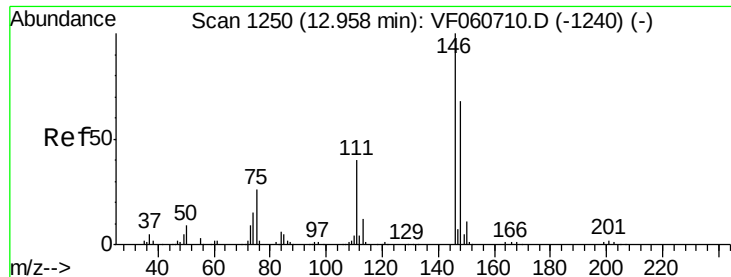


Abundance Ion 91.00 (90.70 to 91.70): VF0

Ion 92.00 (91.70 to 92.70): VF0

Ion 134.00 (133.70 to 134.70): V





#91

1,2-Dichlorobenzene

Concen: 1.006 ug/l

RT: 12.95 min Scan# 1249

Delta R.T. -0.01 min

Lab File: VF060811.D

Acq: 20 Nov 2018 19:10

Instrument :

MSVOA_F

ClientSampled :

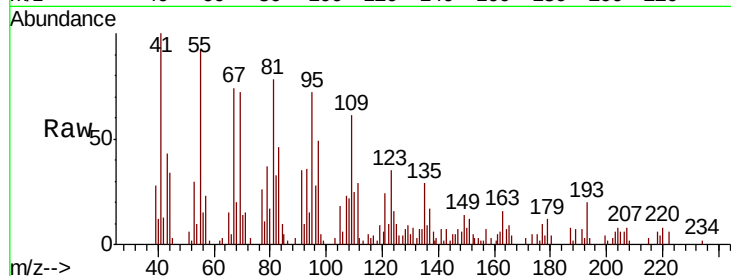
Tot Ion:146 Resp: 456

Ion Ratio Lower Upper

146 100

111 558.9 20.3 60.8#

148 114.3 34.1 102.3#

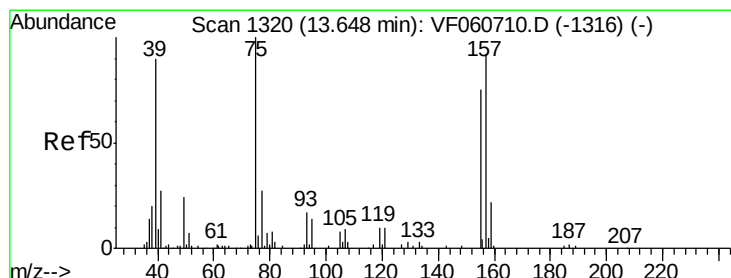
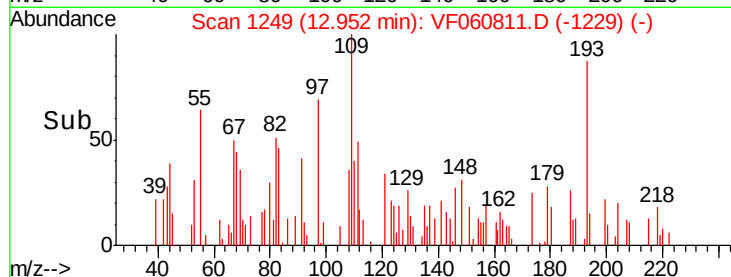
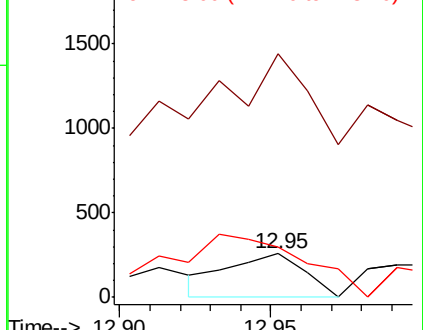


Abundance

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



#92

1,2-Dibromo-3-Chloropropane

Concen: 15.086 ug/l

RT: 13.62 min Scan# 1317

Delta R.T. -0.03 min

Lab File: VF060811.D

Acq: 20 Nov 2018 19:10

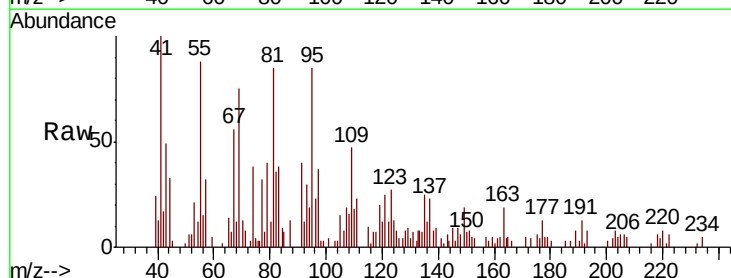
Tgt Ion: 75 Resp: 545

Ion Ratio Lower Upper

75 100

155 0.0 37.4 112.2#

157 82.4 46.0 138.0

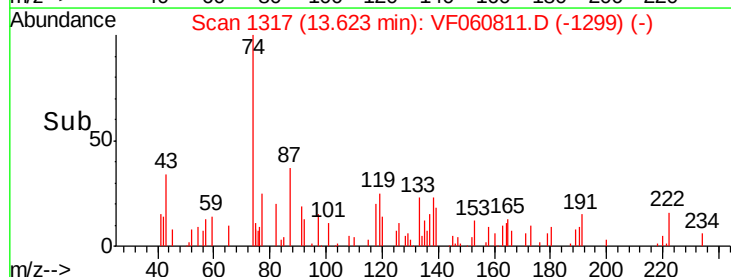
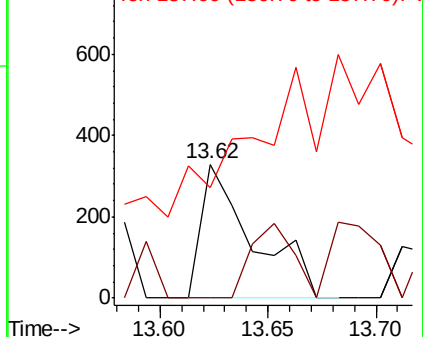


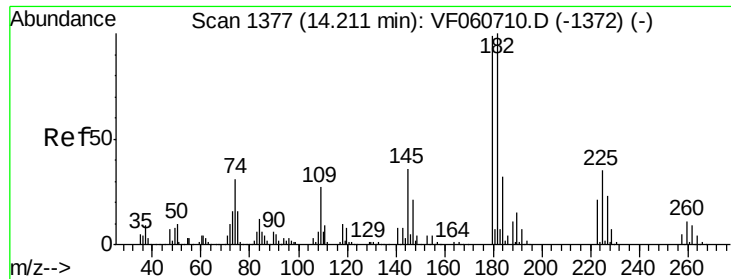
Abundance

Ion 75.00 (74.70 to 75.70): VF0

Ion 155.00 (154.70 to 155.70): V

Ion 157.00 (156.70 to 157.70): V

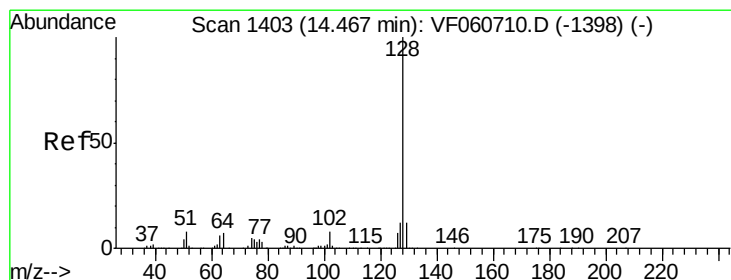
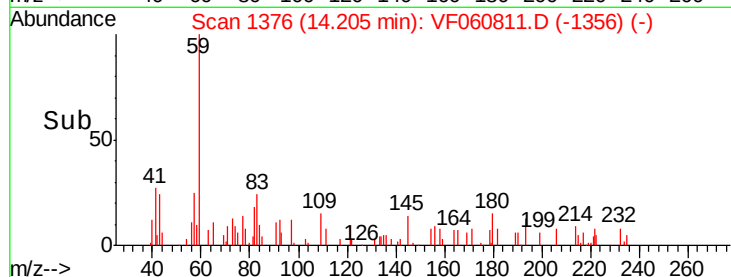
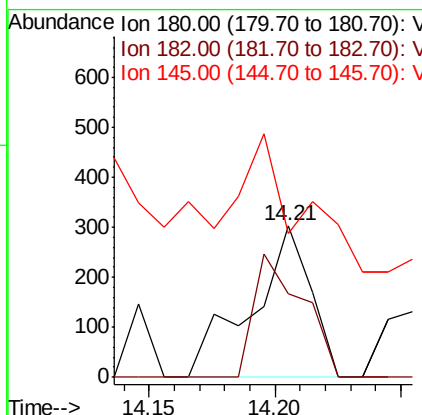
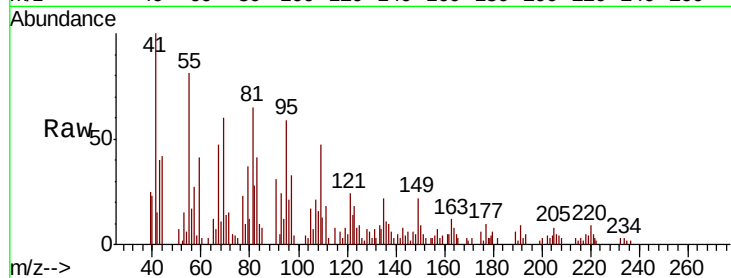




#93
 1,2,4-Trichlorobenzene
 Concen: 1.534 ug/l
 RT: 14.21 min Scan# 1376
 Delta R.T. -0.01 min
 Lab File: VF060811.D
 Acq: 20 Nov 2018 19:10

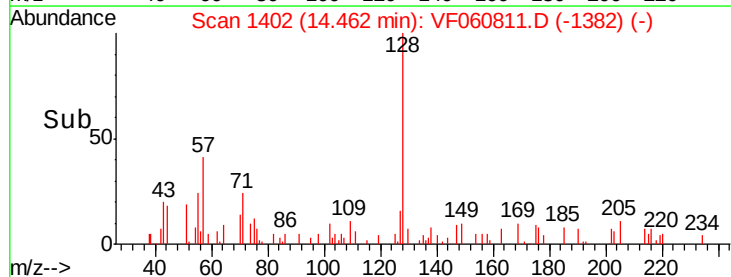
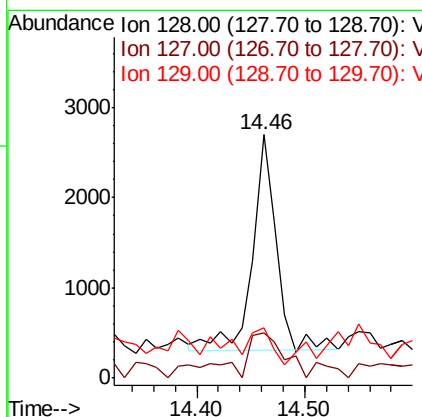
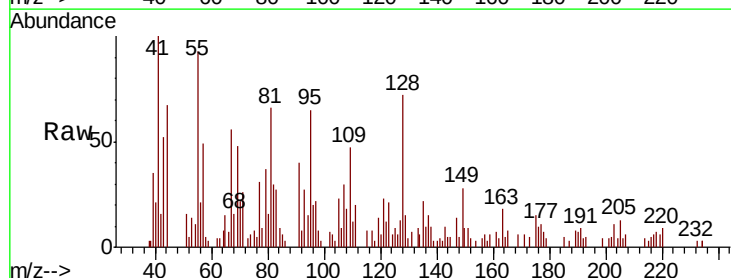
Instrument :
 MSVOA_F
 ClientSampleId :

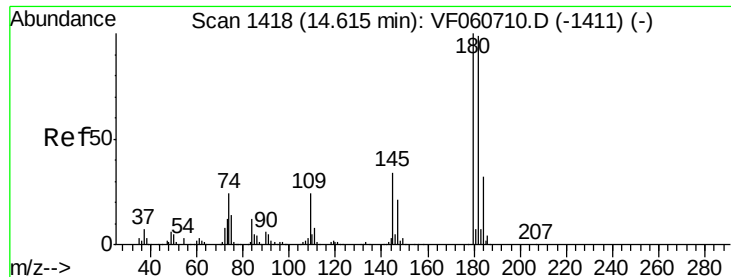
Tot Ion:180 Resp: 500
 Ion Ratio Lower Upper
 180 100
 182 54.8 50.3 151.0
 145 95.0 18.3 54.9#



#95
 Naphthalene
 Concen: 6.224 ug/l
 RT: 14.46 min Scan# 1402
 Delta R.T. -0.01 min
 Lab File: VF060811.D
 Acq: 20 Nov 2018 19:10

Tgt Ion:128 Resp: 3701
 Ion Ratio Lower Upper
 128 100
 127 18.6 9.8 14.6#
 129 20.8 9.3 13.9#





#96
 1,2,3-Trichlorobenzene
 Concen: 1.448 ug/l
 RT: 14.61 min Scan# 1417
 Delta R.T. -0.01 min
 Lab File: VF060811.D
 Acq: 20 Nov 2018 19:10

Instrument :
 MSVOA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
180	100		
182	79.1	49.6	149.0
145	80.9	16.9	50.7

