

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_F\DATA\VF090718\
 Data File : VF060211.D
 Acq On : 7 Sep 2018 15:35
 Operator : VA/AP
 Sample : J4693-17RE
 Misc : 6.31g/5mL/MSVOA_F/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 EP1-MW-G(7-10)

Quant Time: Sep 07 23:24:24 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F090618S.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 07 10:44:05 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.05	168	176885	50.00	ug/l	0.01
34) 1,4-Difluorobenzene	5.77	114	261652	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.92	117	230215	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.64	152	168351	50.00	ug/l	0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	5.02	65	129158	41.80	ug/l	0.00
Spiked Amount 50.000			Recovery =	83.60%		
35) Dibromofluoromethane	4.30	113	100660	39.27	ug/l	0.00
Spiked Amount 50.000			Recovery =	78.54%		
50) Toluene-d8	7.71	98	244967	38.29	ug/l	0.00
Spiked Amount 50.000			Recovery =	76.58%		
62) 4-Bromofluorobenzene	11.52	95	194011	53.75	ug/l	0.01
Spiked Amount 50.000			Recovery =	107.50%		

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	2.70	59	310	14.138	ug/l #	75
13) Acrolein	2.07	56	287	Below Cal		97
15) Acrylonitrile	3.09	53	581	2.473	ug/l #	22
16) Acetone	2.35	43	14894	27.988	ug/l	94
17) Carbon Disulfide	1.84	76	6396	1.726	ug/l	99
18) Methyl Acetate	2.49	43	3801	3.640	ug/l #	64
20) Methylene Chloride	2.28	84	5996	Below Cal		97
23) Vinyl Acetate	3.33	43	174	22.876	ug/l #	82
25) 2-Butanone	4.52	43	4471	5.148	ug/l	93
26) 2,2-Dichloropropane	3.80	77	76	2.051	ug/l #	64
37) Ethyl Acetate	4.28	43	281	Below Cal	#	82
48) Methyl methacrylate	6.97	41	18220	12.804	ug/l #	41
49) 1,4-Dioxane	6.52	88	72	3.444	ug/l #	15
51) 4-Methyl-2-Pentanone	8.43	43	92300	57.995	ug/l #	49
55) 1,1,2-Trichloroethane	8.55	97	13517	8.649	ug/l #	37
56) Ethyl methacrylate	8.78	69	230623	129.079	ug/l #	80
58) 2-Chloroethyl Vinyl ether	7.72	63	1257	6.542	ug/l	100
59) 2-Hexanone	9.68	43	27079	21.677	ug/l #	42
65) Chlorobenzene	9.89	112	6761	1.419	ug/l #	43
73) Isopropylbenzene	11.23	105	253543	21.833	ug/l	99
74) N-amyl acetate	11.50	43	66612	30.842	ug/l #	11
75) 1,1,2,2-Tetrachloroethane	11.77	83	96912	55.496	ug/l #	39
78) n-propylbenzene	11.69	91	979924	70.421	ug/l	95
79) 2-Chlorotoluene	11.69	91	979924	116.562	ug/l #	45
81) trans-1,4-Dichloro-2-buten	12.01	75	660	3.992	ug/l #	1
82) 4-Chlorotoluene	12.05	91	14524	1.557	ug/l	86
83) tert-Butylbenzene	12.22	119	193966	20.765	ug/l	92
84) 1,2,4-Trimethylbenzene	12.30	105	295899	28.413	ug/l	98
85) sec-Butylbenzene	12.39	105	1104936	85.746	ug/l #	77
86) p-Isopropyltoluene	12.54	119	464625	40.604	ug/l	94
89) n-Butylbenzene	12.93	91	853551	77.125	ug/l	94
90) Hexachloroethane	13.01	117	71498	30.822	ug/l #	14
92) 1,2-Dibromo-3-Chloropropan	13.71	75	3524	7.908	ug/l #	2
95) Naphthalene	14.52	128	16339	5.043	ug/l #	68

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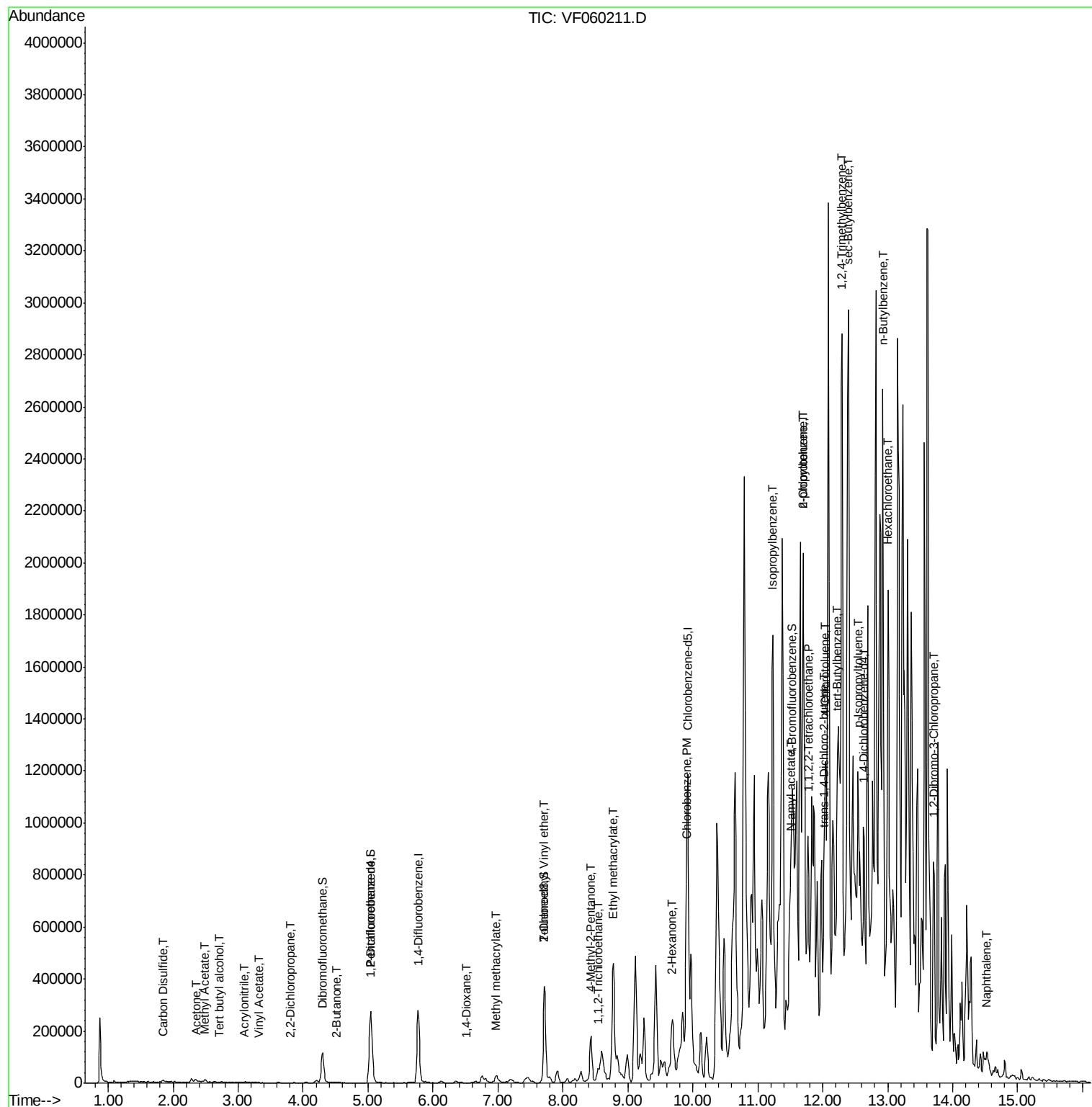
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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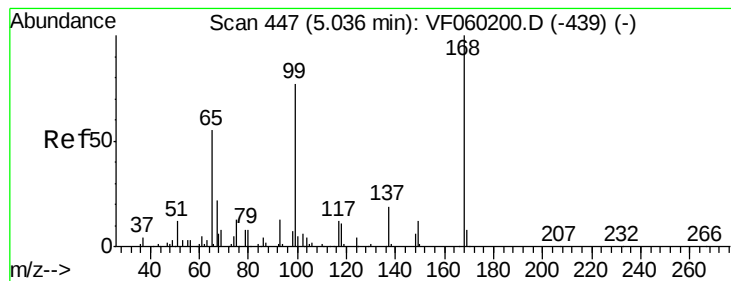
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.05 min Scan# 448

Delta R.T. 0.01 min

Lab File: VF060211.D

Acq: 7 Sep 2018 15:35

Instrument :

MSVOA_F

ClientSampleId :

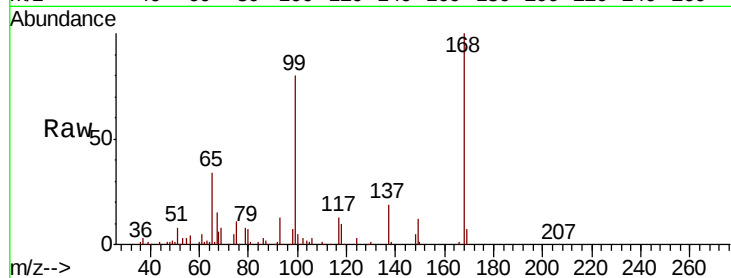
EP1-MW-G(7-10)

Tgt Ion:168 Resp: 176885

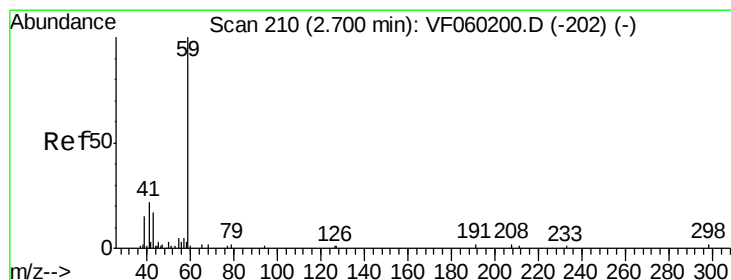
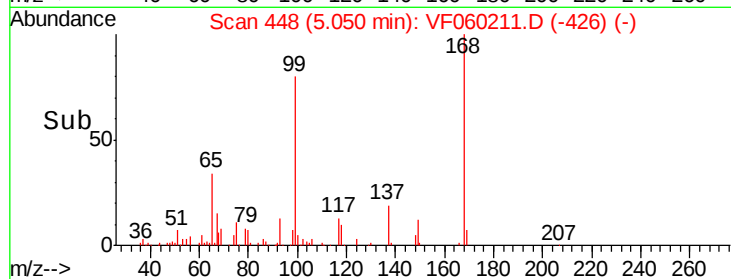
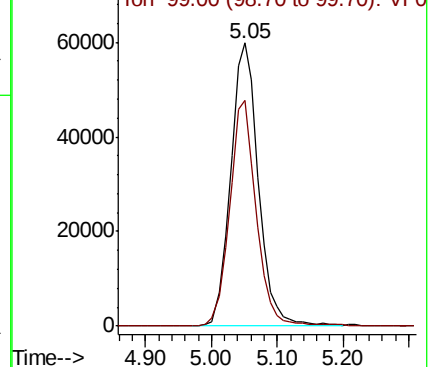
Ion Ratio Lower Upper

168 100

99 79.6 61.8 92.6



Abundance Ion 168.00 (167.70 to 168.70): VF0



#11

Tert butyl alcohol

Concen: 14.138 ug/l

RT: 2.70 min Scan# 210

Delta R.T. 0.00 min

Lab File: VF060211.D

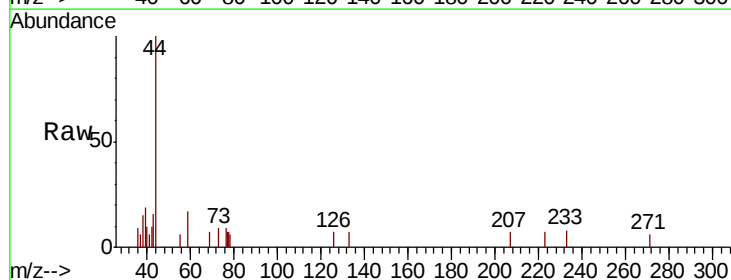
Acq: 7 Sep 2018 15:35

Tgt Ion: 59 Resp: 310

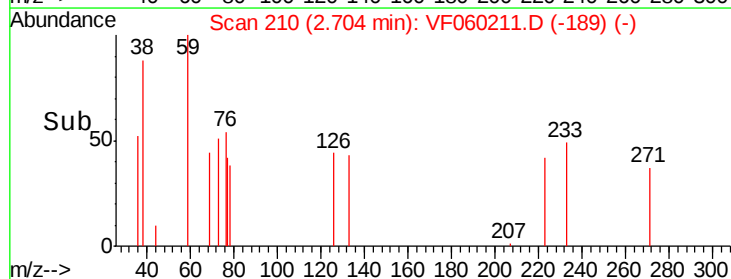
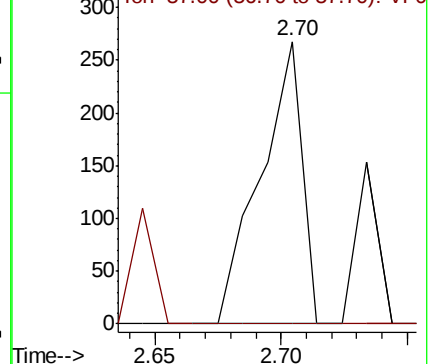
Ion Ratio Lower Upper

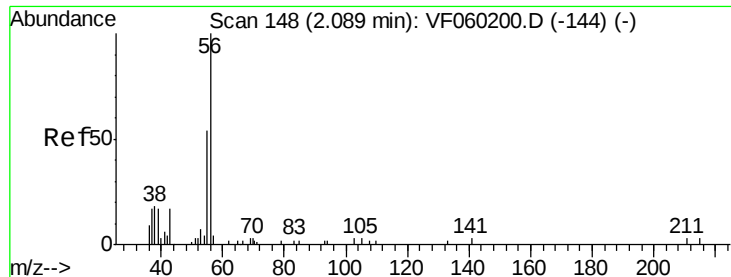
59 100

57 0.0 7.2 10.8#



Abundance Ion 59.00 (58.70 to 59.70): VF0





#13

Acrolein

Concen: Below Cal

RT: 2.07 min Scan# 146

Delta R.T. -0.01 min

Lab File: VF060211.D

Acq: 7 Sep 2018 15:35

Instrument :

MSVOA_F

ClientSampleId :

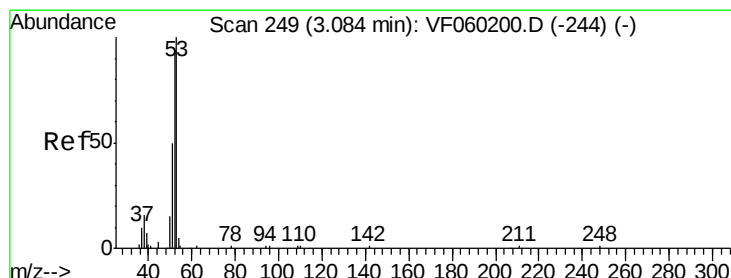
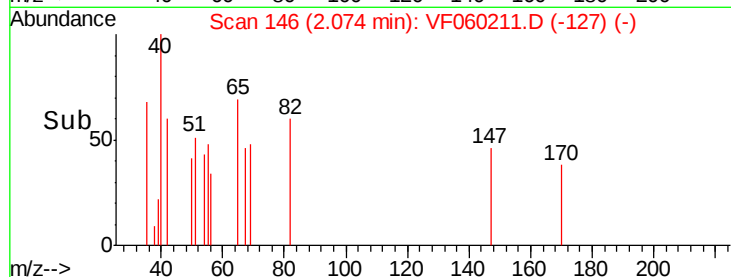
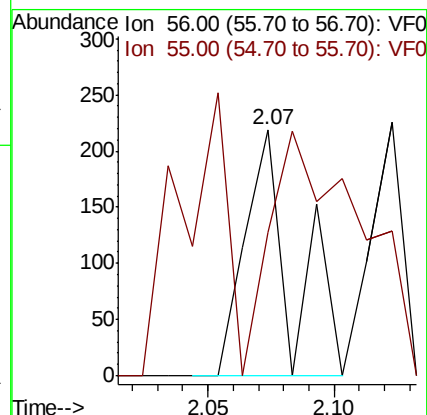
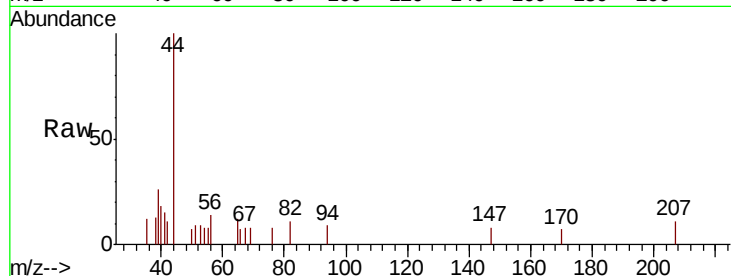
EP1-MW-G(7-10)

Tgt Ion: 56 Resp: 287

Ion Ratio Lower Upper

56 100

55 58.4 45.1 67.7



#15

Acrylonitrile

Concen: 2.473 ug/l

RT: 3.09 min Scan# 249

Delta R.T. 0.00 min

Lab File: VF060211.D

Acq: 7 Sep 2018 15:35

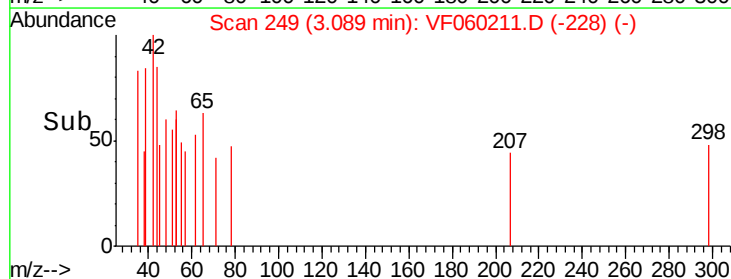
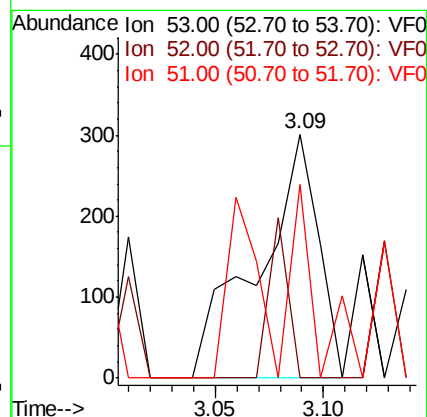
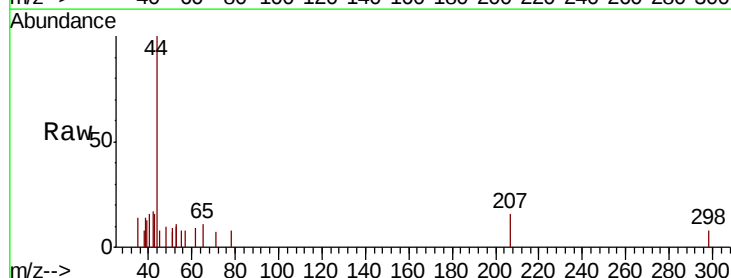
Tgt Ion: 53 Resp: 581

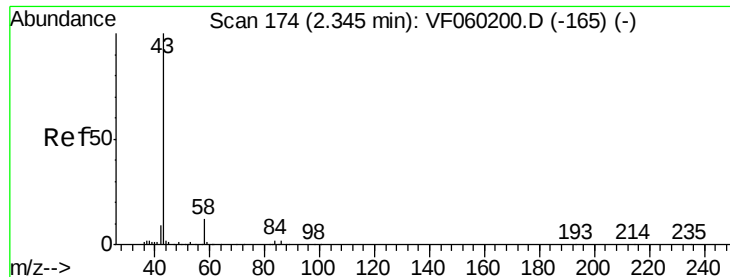
Ion Ratio Lower Upper

53 100

52 0.0 75.0 112.6#

51 79.4 39.9 59.9#





#16

Acetone

Concen: 27.988 ug/l

RT: 2.35 min Scan# 174

Delta R.T. 0.00 min

Lab File: VF060211.D

Acq: 7 Sep 2018 15:35

Instrument :

MSVOA_F

ClientSampleId :

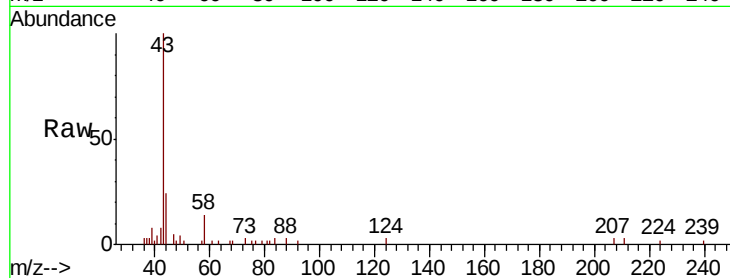
EP1-MW-G(7-10)

Tgt Ion: 43 Resp: 14894

Ion Ratio Lower Upper

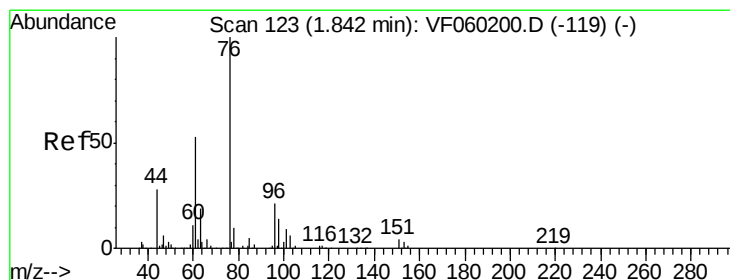
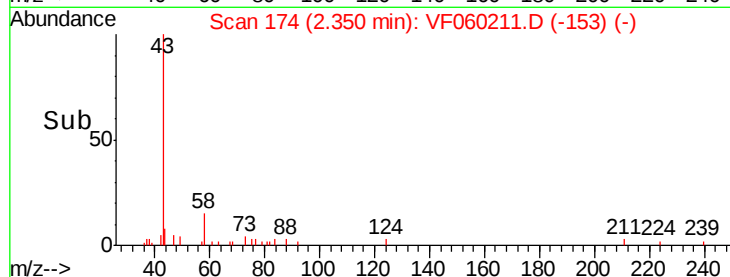
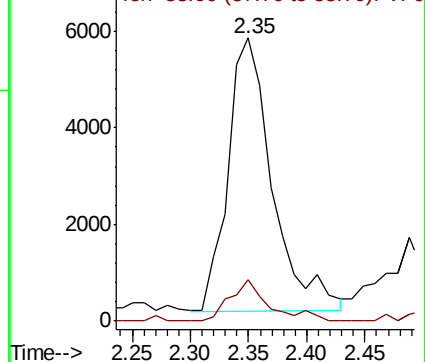
43 100

58 14.4 9.7 14.5



Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 58.00 (57.70 to 58.70): VF0



#17

Carbon Disulfide

Concen: 1.726 ug/l

RT: 1.84 min Scan# 122

Delta R.T. -0.01 min

Lab File: VF060211.D

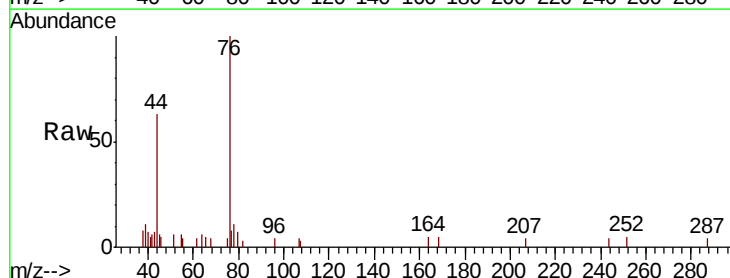
Acq: 7 Sep 2018 15:35

Tgt Ion: 76 Resp: 6396

Ion Ratio Lower Upper

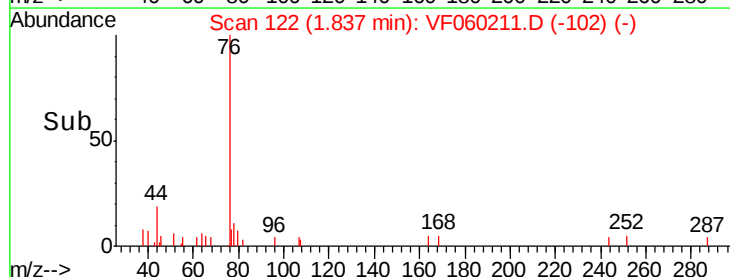
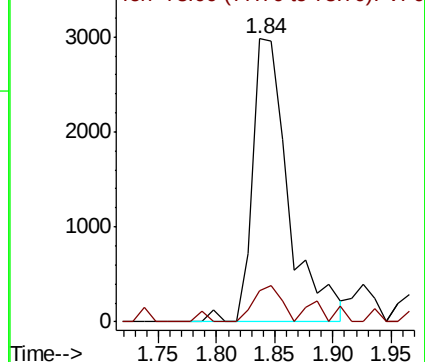
76 100

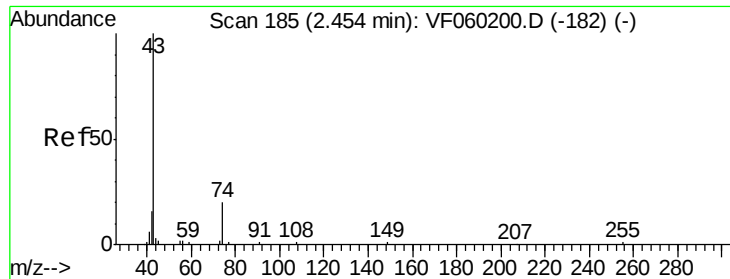
78 10.9 8.5 12.7



Abundance Ion 76.00 (75.70 to 76.70): VF0

Ion 78.00 (77.70 to 78.70): VF0

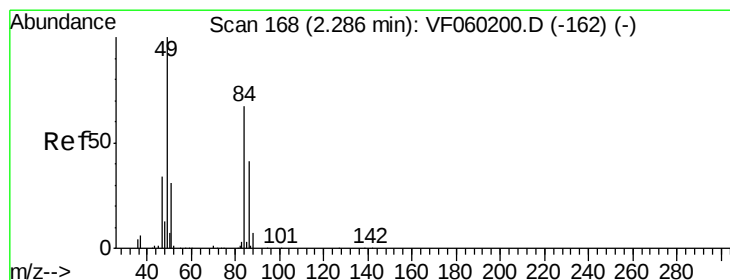
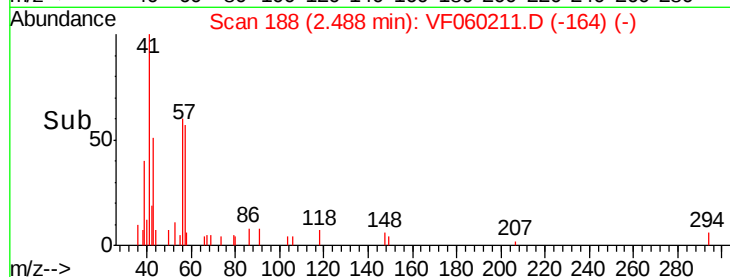
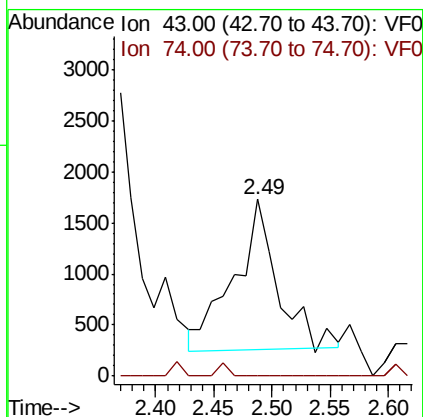
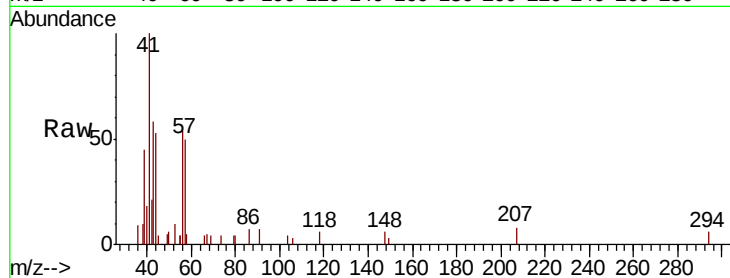




#18
Methyl Acetate
Concen: 3.640 ug/l
RT: 2.49 min Scan# 188
Delta R.T. 0.03 min
Lab File: VF060211.D
Acq: 7 Sep 2018 15:35

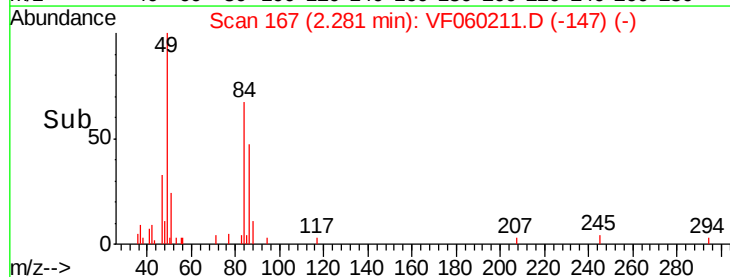
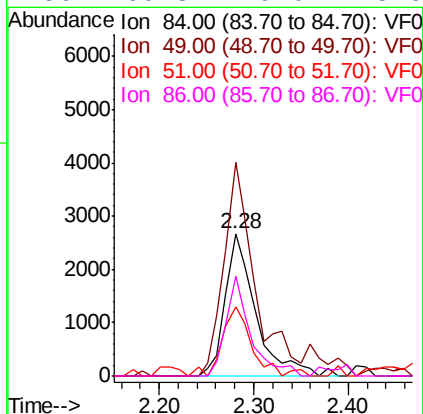
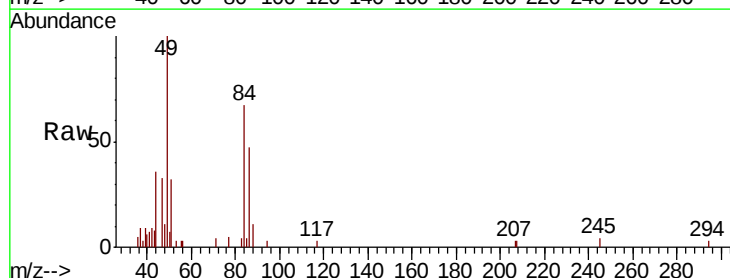
Instrument :
MSVOA_F
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EP1-MW-G(7-10)

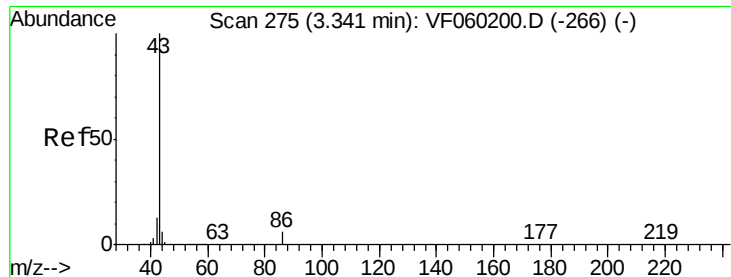
Tgt Ion: 43 Resp: 3801
Ion Ratio Lower Upper
43 100
74 0.0 11.9 17.9#



#20
Methylene Chloride
Concen: Below Cal
RT: 2.28 min Scan# 167
Delta R.T. -0.01 min
Lab File: VF060211.D
Acq: 7 Sep 2018 15:35

Tgt Ion: 84 Resp: 5996
Ion Ratio Lower Upper
84 100
49 149.7 120.1 180.1
51 48.5 37.0 55.6
86 69.8 49.0 73.6





#23

Vinyl Acetate

Concen: 22.876 ug/l

RT: 3.33 min Scan# 273

Delta R.T. -0.01 min

Lab File: VF060211.D

Acq: 7 Sep 2018 15:35

Instrument :

MSVOA_F

ClientSampleId :

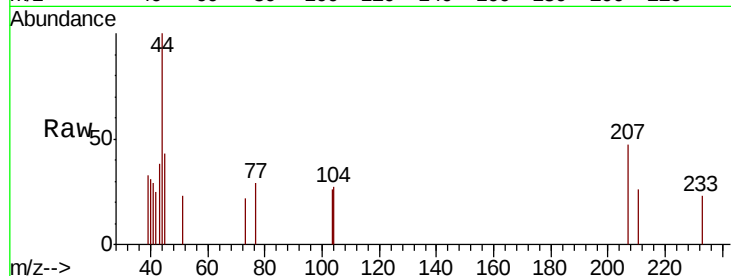
EP1-MW-G(7-10)

Tgt Ion: 43 Resp: 174

Ion Ratio Lower Upper

43 100

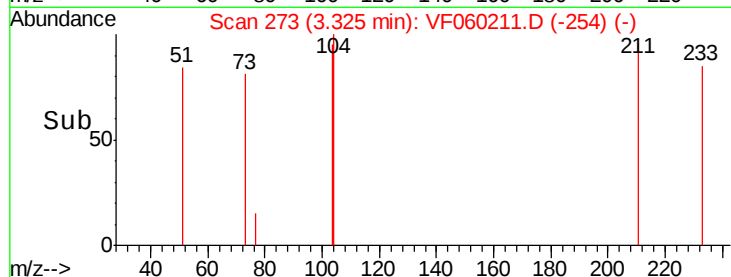
86 0.0 4.8 7.2#



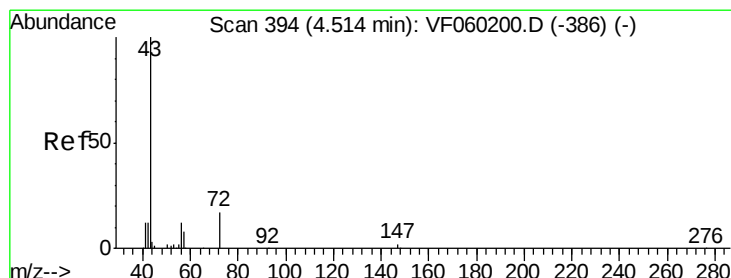
Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 86.00 (85.70 to 86.70): VF0

3.33



Time-->



#25

2-Butanone

Concen: 5.148 ug/l

RT: 4.52 min Scan# 394

Delta R.T. 0.00 min

Lab File: VF060211.D

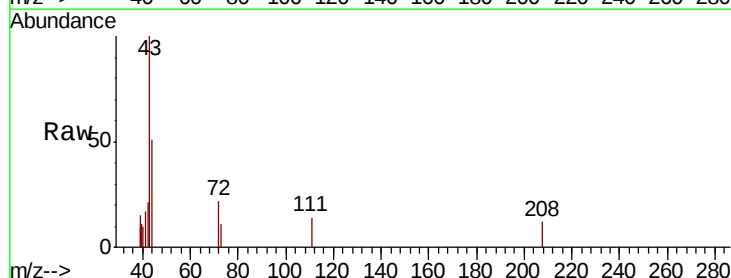
Acq: 7 Sep 2018 15:35

Tgt Ion: 43 Resp: 4471

Ion Ratio Lower Upper

43 100

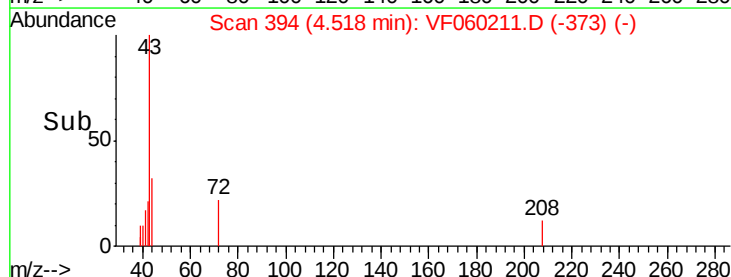
72 21.6 14.8 22.2



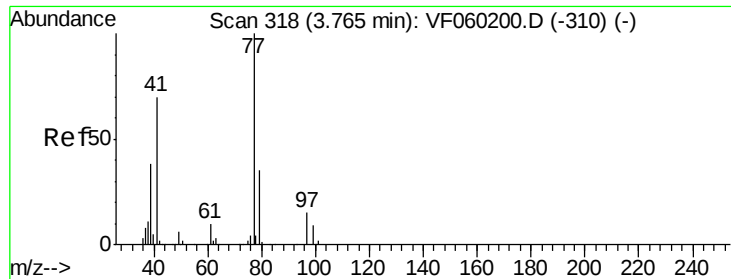
Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 72.00 (71.70 to 72.70): VF0

4.52



Time-->



#26

2,2-Dichloropropane

Concen: 2.051 ug/l

RT: 3.80 min Scan# 321

Delta R.T. 0.03 min

Lab File: VF060211.D

Acq: 7 Sep 2018 15:35

Instrument :

MSVOA_F

ClientSampleId :

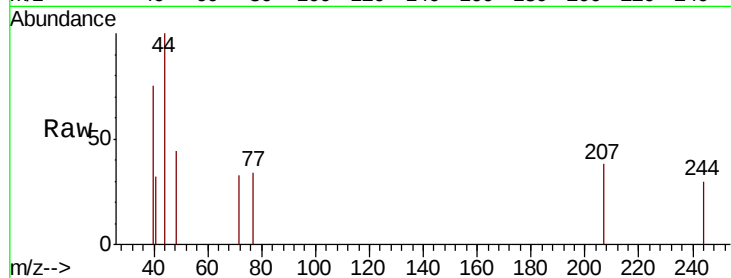
EP1-MW-G(7-10)

Tgt Ion: 77 Resp: 76

Ion Ratio Lower Upper

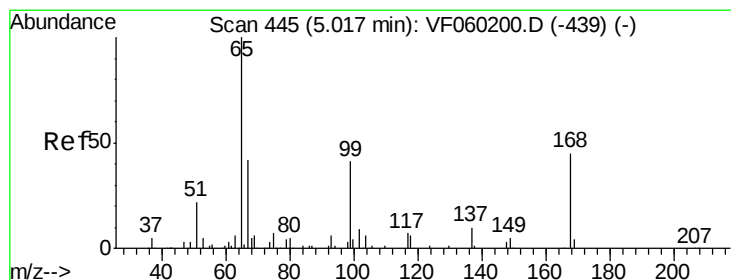
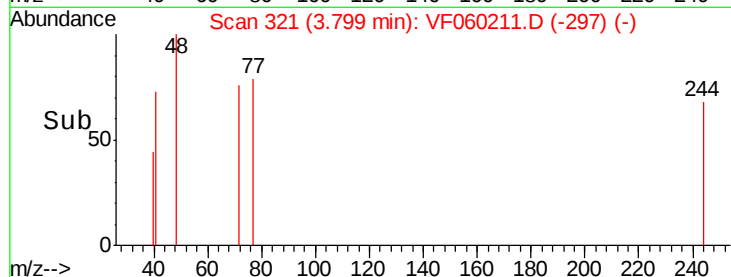
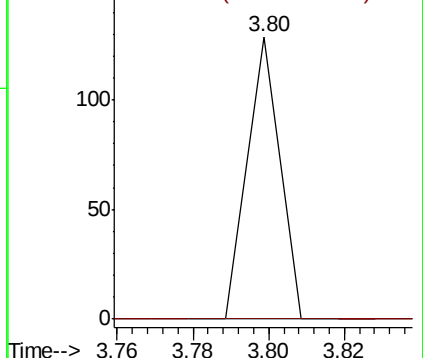
77 100

97 0.0 7.5 22.5#



Abundance Ion 77.00 (76.70 to 77.70): VF0

Ion 97.00 (96.70 to 97.70): VF0



#33

1,2-Dichloroethane-d4

Concen: 41.797 ug/l

RT: 5.02 min Scan# 445

Delta R.T. 0.00 min

Lab File: VF060211.D

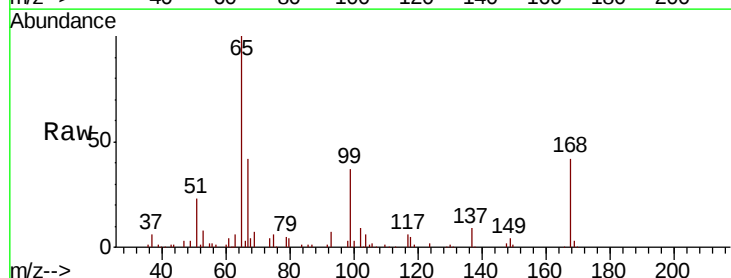
Acq: 7 Sep 2018 15:35

Tgt Ion: 65 Resp: 129158

Ion Ratio Lower Upper

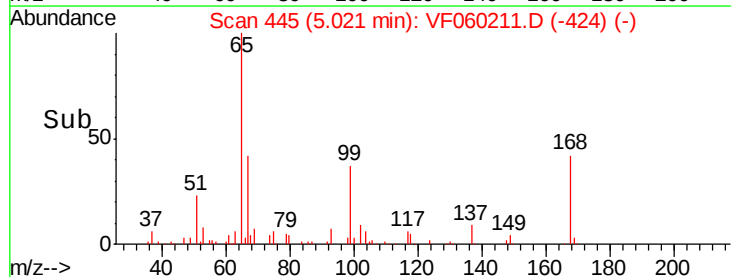
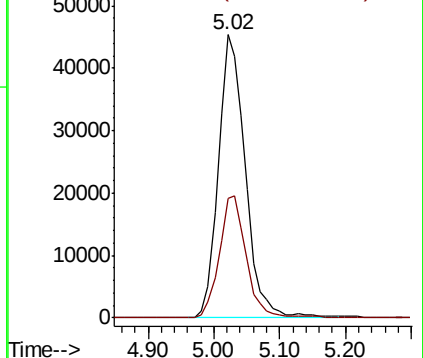
65 100

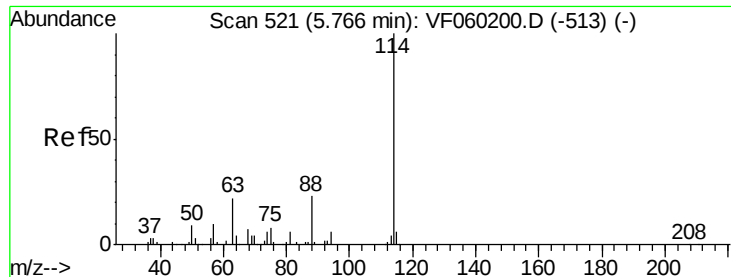
67 42.3 0.0 87.2



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: 5.77 min Scan# 521

Delta R.T. 0.00 min

Lab File: VF060211.D

Acq: 7 Sep 2018 15:35

Instrument :

MSVOA_F

ClientSampleId :

EP1-MW-G(7-10)

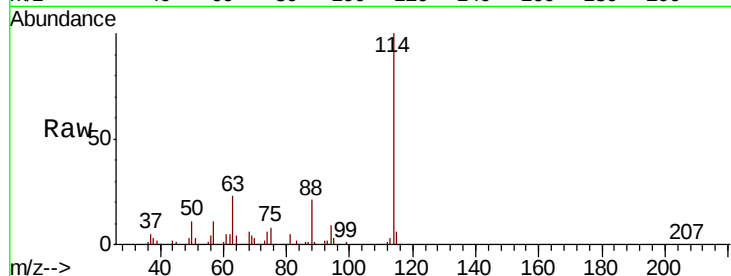
Tgt Ion:114 Resp: 261652

Ion Ratio Lower Upper

114 100

63 22.8 0.0 45.6

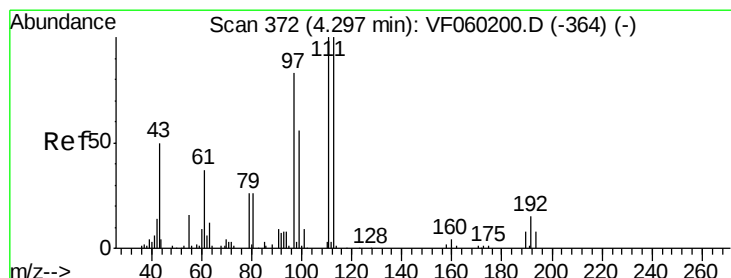
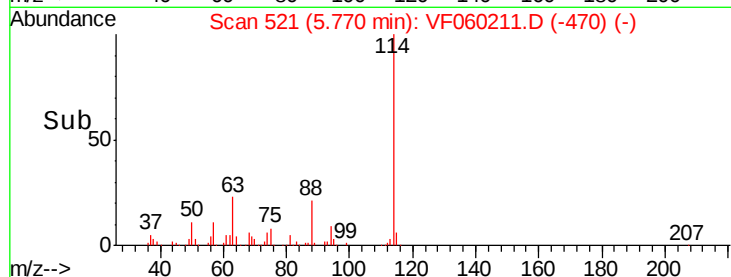
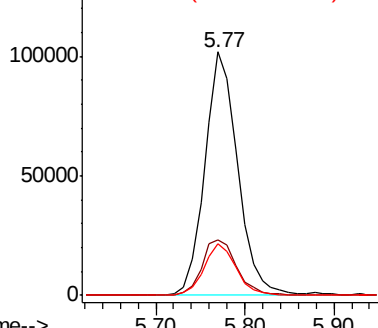
88 21.0 0.0 46.4



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: 39.267 ug/l

RT: 4.30 min Scan# 372

Delta R.T. 0.00 min

Lab File: VF060211.D

Acq: 7 Sep 2018 15:35

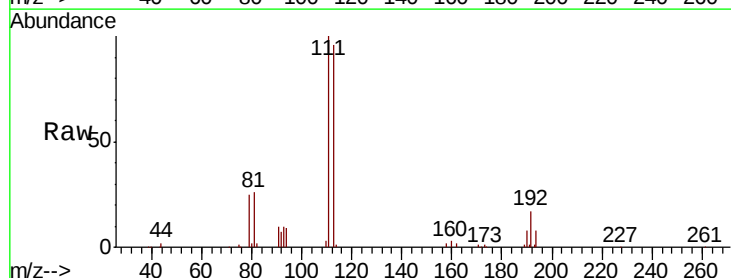
Tgt Ion:113 Resp: 100660

Ion Ratio Lower Upper

113 100

111 104.5 80.2 120.2

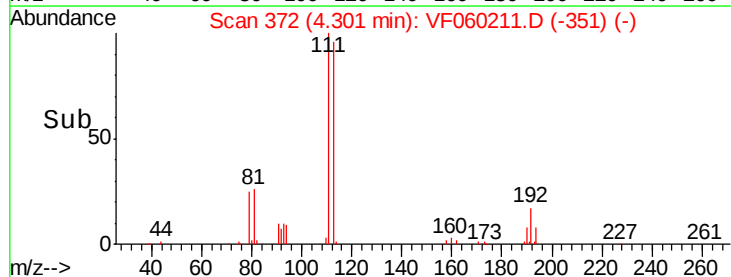
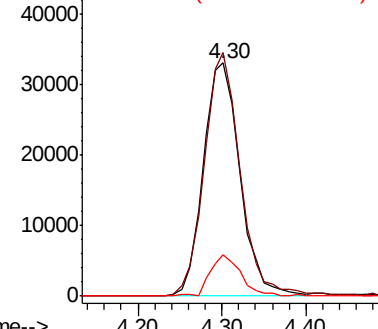
192 17.6 11.8 17.8

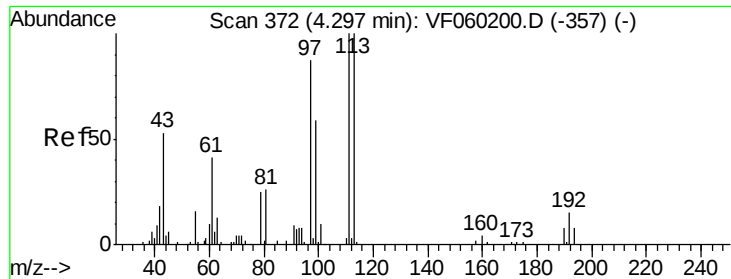


Abundance Ion 113.00 (112.70 to 113.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 192.00 (191.70 to 192.70): V

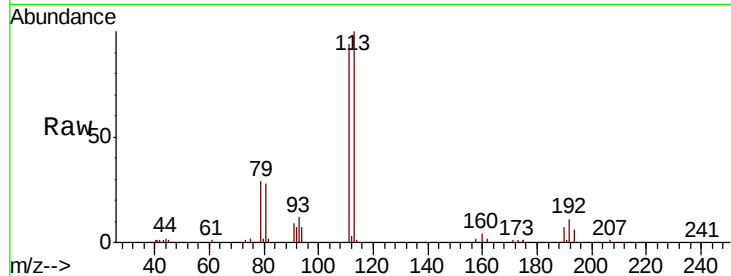




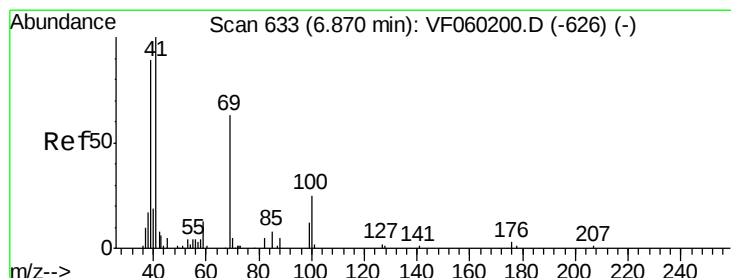
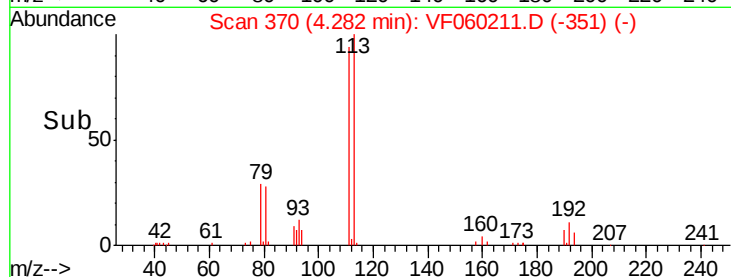
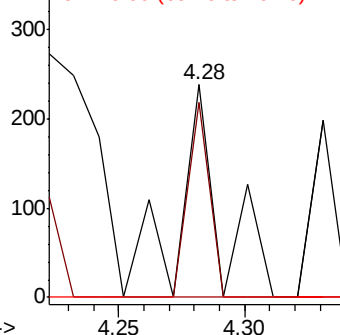
#37
Ethyl Acetate
Concen: Below Cal
RT: 4.28 min Scan# 370
Delta R.T. -0.01 min
Lab File: VF060211.D
Acq: 7 Sep 2018 15:35

Instrument :
MSVOA_F
ClientSampleId :
EP1-MW-G(7-10)

Tgt Ion: 43 Resp: 281
Ion Ratio Lower Upper
43 100
61 91.6 61.6 92.4
70 0.0 6.9 10.3#

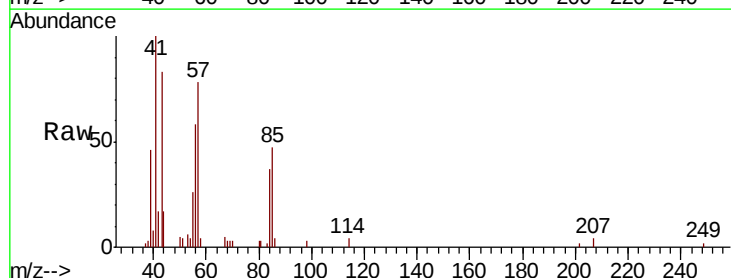


Abundance Ion 43.00 (42.70 to 43.70): VF0
Ion 61.00 (60.70 to 61.70): VF0
Ion 70.00 (69.70 to 70.70): VF0

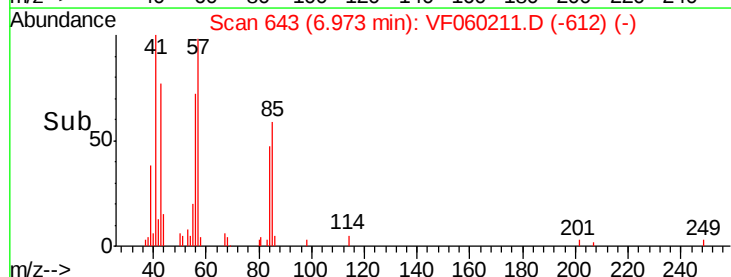
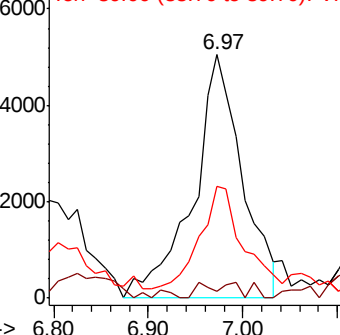


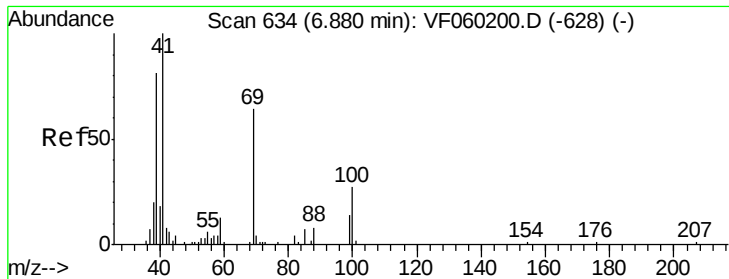
#48
Methyl methacrylate
Concen: 12.804 ug/l
RT: 6.97 min Scan# 643
Delta R.T. 0.10 min
Lab File: VF060211.D
Acq: 7 Sep 2018 15:35

Tgt Ion: 41 Resp: 18220
Ion Ratio Lower Upper
41 100
69 2.7 50.4 75.6#
39 45.9 70.6 106.0#



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





#49

1,4-Dioxane

Concen: 3.444 ug/l

RT: 6.52 min Scan# 597

Delta R.T. -0.36 min

Lab File: VF060211.D

Acq: 7 Sep 2018 15:35

Instrument :

MSVOA_F

ClientSampleId :

EP1-MW-G(7-10)

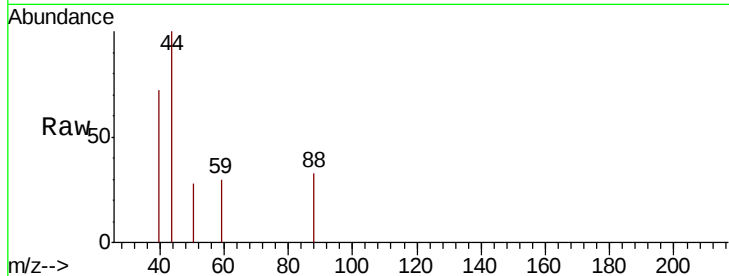
Tgt Ion: 88 Resp: 72

Ion Ratio Lower Upper

88 100

43 0.0 68.1 102.1#

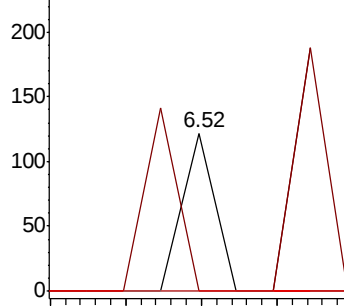
58 0.0 38.1 57.1#



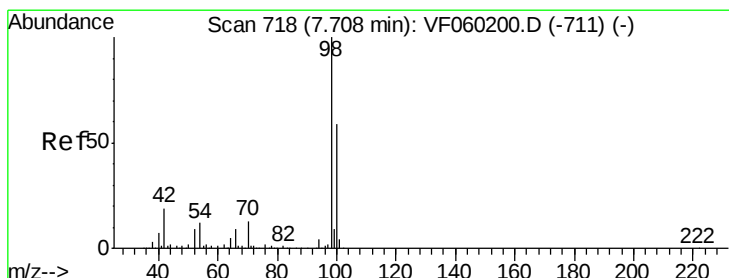
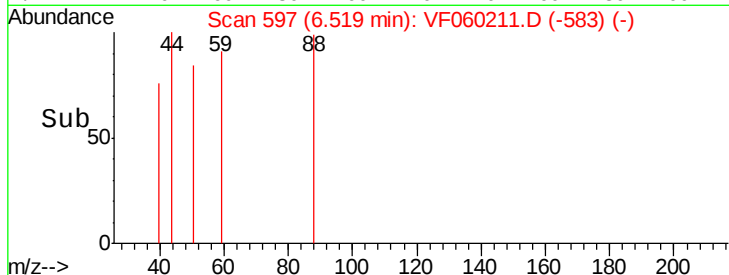
Abundance Ion 88.00 (87.70 to 88.70): VF0

Ion 43.00 (42.70 to 43.70): VF0

Ion 58.00 (57.70 to 58.70): VF0



Time--> 6.48 6.50 6.52 6.54



#50

Toluene-d8

Concen: 38.294 ug/l

RT: 7.71 min Scan# 718

Delta R.T. 0.00 min

Lab File: VF060211.D

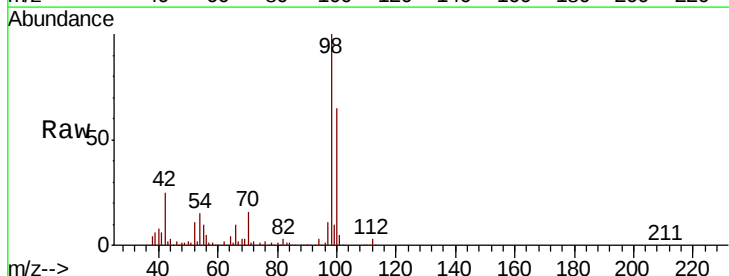
Acq: 7 Sep 2018 15:35

Tgt Ion: 98 Resp: 244967

Ion Ratio Lower Upper

98 100

100 65.3 47.4 71.0



Abundance Ion 98.00 (97.70 to 98.70): VF0

Ion 100.00 (99.70 to 100.70): VF0

120000

100000

80000

60000

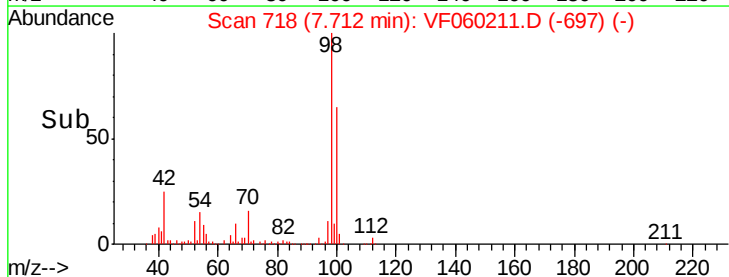
40000

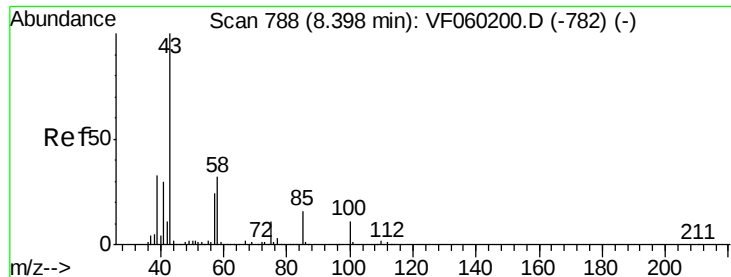
20000

0

7.60 7.70 7.80 7.90

Time-->





#51

4-Methyl-2-Pentanone

Concen: 57.995 ug/l

RT: 8.43 min Scan# 791

Delta R.T. 0.03 min

Lab File: VF060211.D

Acq: 7 Sep 2018 15:35

Instrument :

MSVOA_F

ClientSampleId :

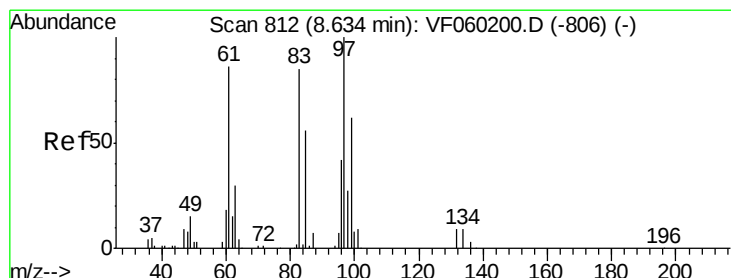
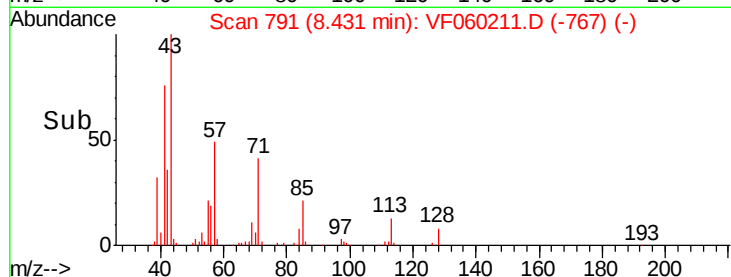
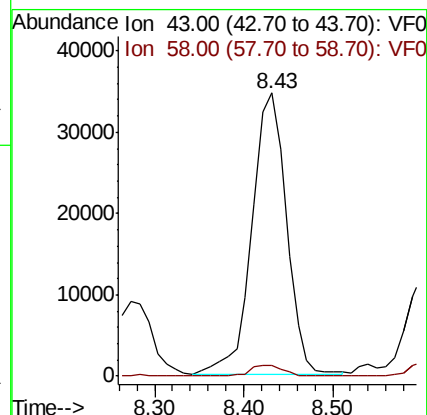
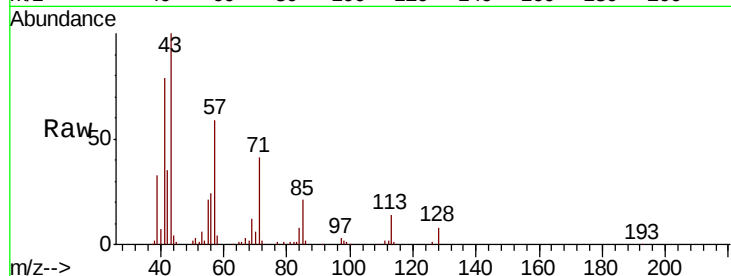
EP1-MW-G(7-10)

Tgt Ion: 43 Resp: 92300

Ion Ratio Lower Upper

43 100

58 3.8 25.8 38.6#



#55

1,1,2-Trichloroethane

Concen: 8.649 ug/l

RT: 8.55 min Scan# 803

Delta R.T. -0.08 min

Lab File: VF060211.D

Acq: 7 Sep 2018 15:35

Tgt Ion: 97 Resp: 13517

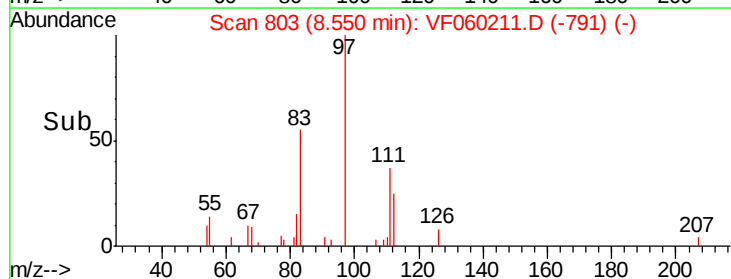
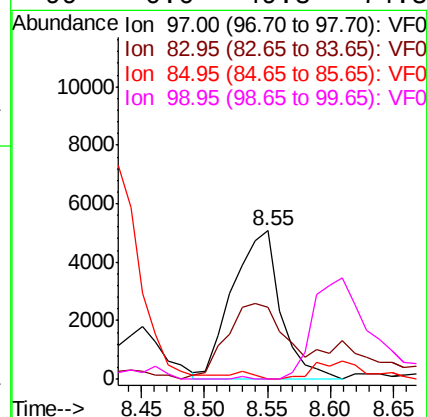
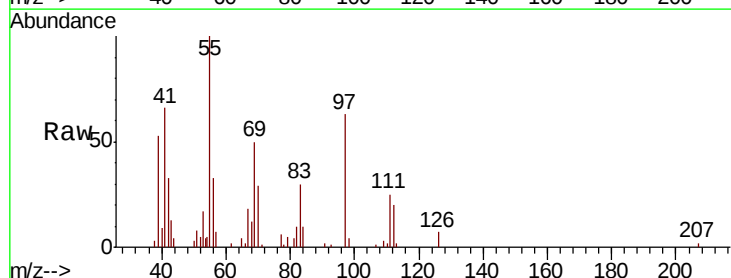
Ion Ratio Lower Upper

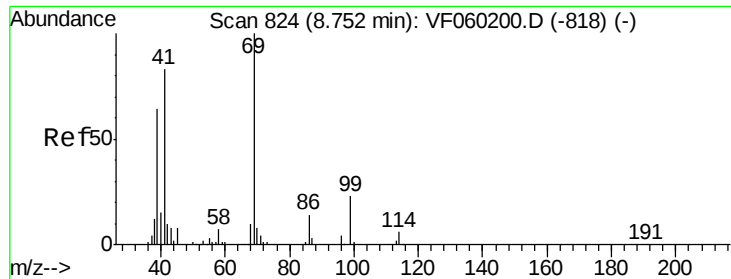
97 100

83 48.0 68.1 102.1#

85 0.0 44.6 66.8#

99 0.0 49.8 74.8#





#56

Ethyl methacrylate

Concen: 129.079 ug/l

RT: 8.78 min Scan# 826

Delta R.T. 0.02 min

Lab File: VF060211.D

Acq: 7 Sep 2018 15:35

Instrument :

MSVOA_F

ClientSampleId :

EP1-MW-G(7-10)

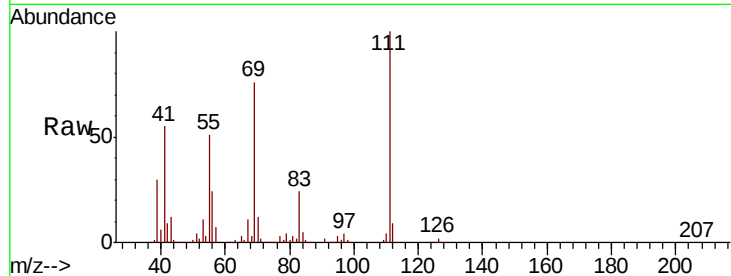
Tgt Ion: 69 Resp: 230623

Ion Ratio Lower Upper

69 100

41 72.5 66.6 100.0

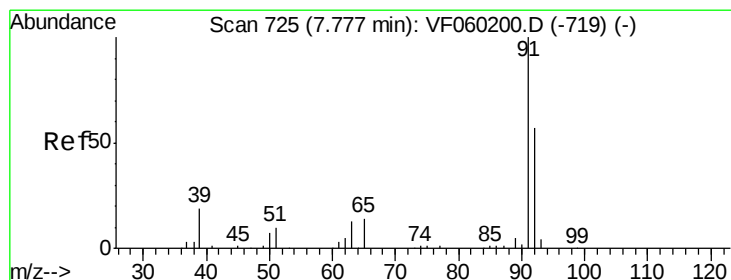
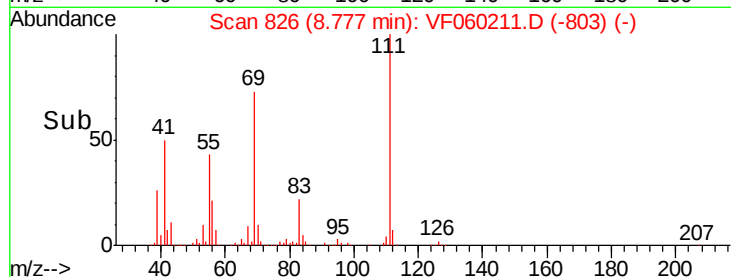
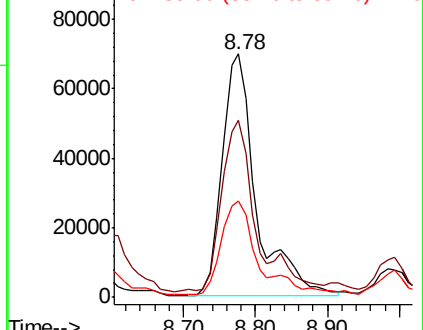
39 39.9 51.5 77.3#



Abundance Ion 69.00 (68.70 to 69.70): VF0

Ion 41.00 (40.70 to 41.70): VF0

Ion 39.00 (38.70 to 39.70): VF0



#58

2-Chloroethyl Vinyl ether

Concen: 6.542 ug/l

RT: 7.72 min Scan# 719

Delta R.T. -0.05 min

Lab File: VF060211.D

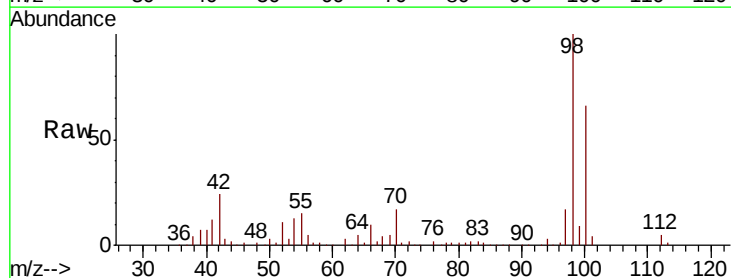
Acq: 7 Sep 2018 15:35

Tgt Ion: 63 Resp: 1257

Ion Ratio Lower Upper

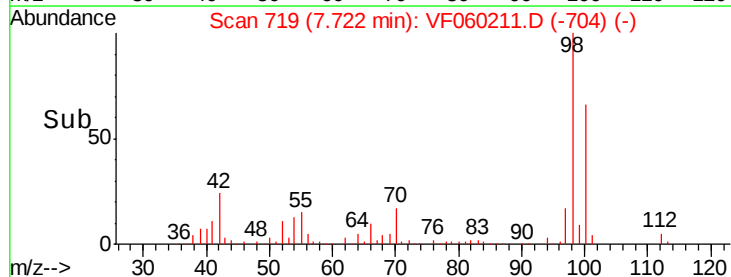
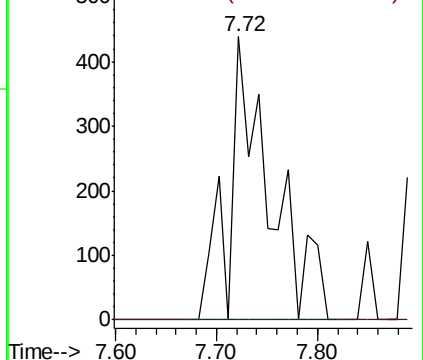
63 100

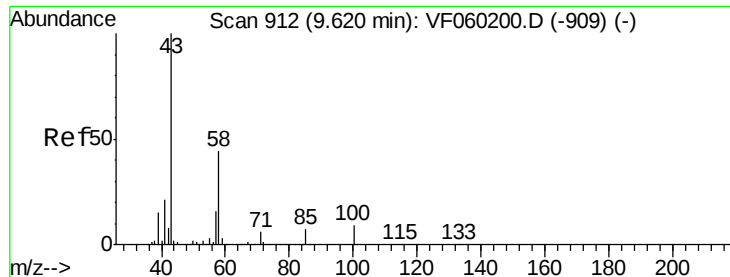
106 0.0 0.0 0.0



Abundance Ion 63.00 (62.70 to 63.70): VF0

Ion 106.00 (105.70 to 106.70): V

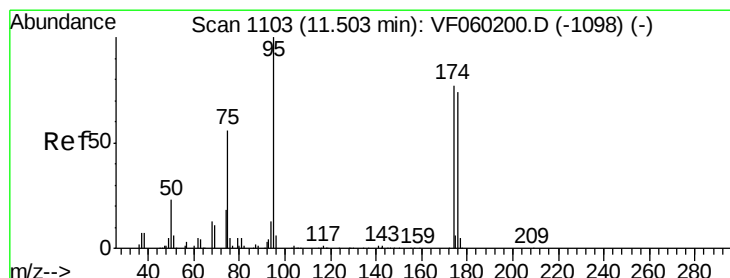
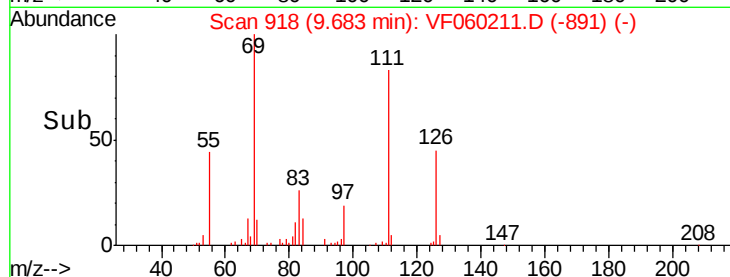
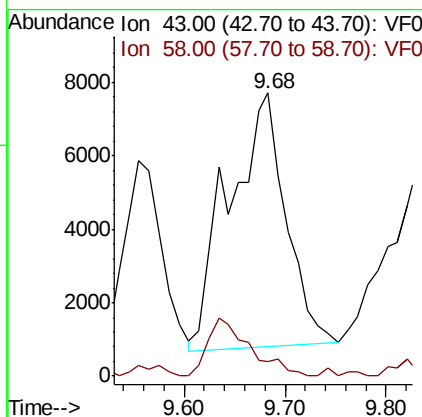
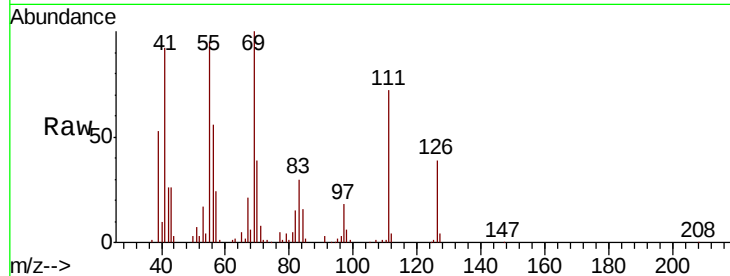




#59
2-Hexanone
Concen: 21.677 ug/l
RT: 9.68 min Scan# 918
Delta R.T. 0.06 min
Lab File: VF060211.D
Acq: 7 Sep 2018 15:35

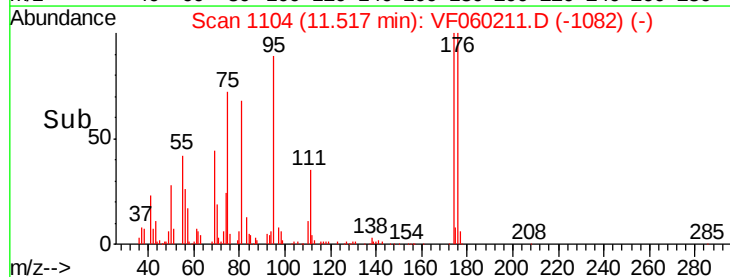
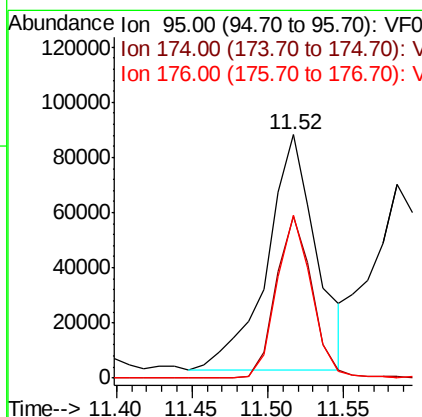
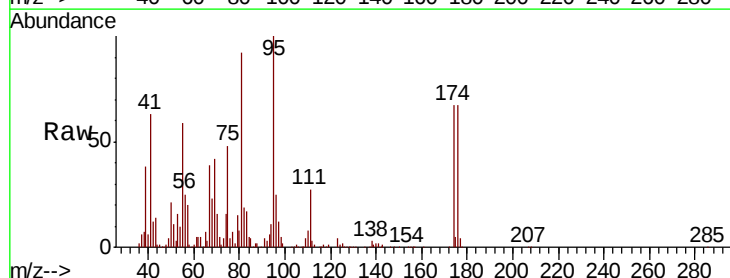
Instrument :
MSVOA_F
ClientSampleId :
EP1-MW-G(7-10)

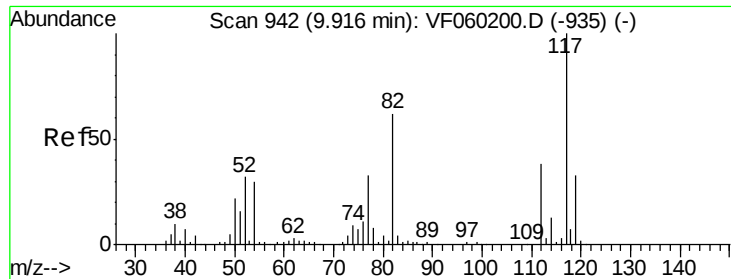
Tgt Ion: 43 Resp: 27079
Ion Ratio Lower Upper
43 100
58 5.3 20.8 62.5#



#62
4-Bromofluorobenzene
Concen: 53.754 ug/l
RT: 11.52 min Scan# 1104
Delta R.T. 0.01 min
Lab File: VF060211.D
Acq: 7 Sep 2018 15:35

Tgt Ion: 95 Resp: 194011
Ion Ratio Lower Upper
95 100
174 66.7 0.0 153.2
176 66.7 0.0 147.2

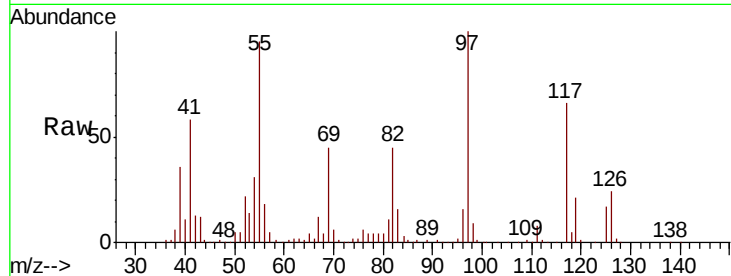




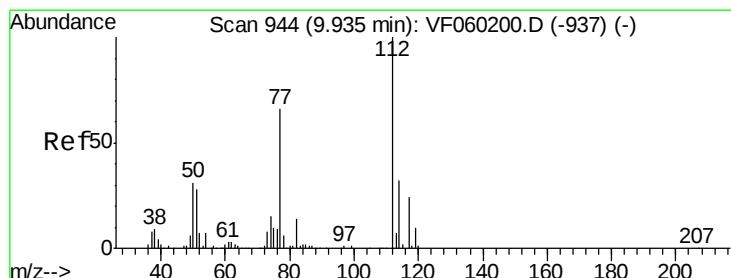
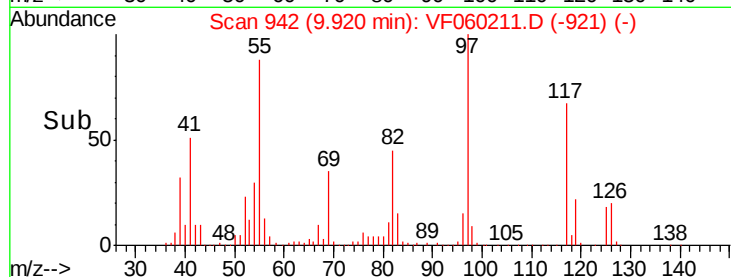
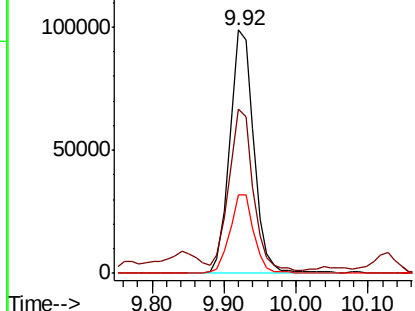
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.92 min Scan# 942
Delta R.T. 0.00 min
Lab File: VF060211.D
Acq: 7 Sep 2018 15:35

Instrument :
MSVOA_F
ClientSampleId :
EP1-MW-G(7-10)

Tgt Ion:117 Resp: 230215
Ion Ratio Lower Upper
117 100
82 67.4 49.3 73.9
119 32.1 26.5 39.7

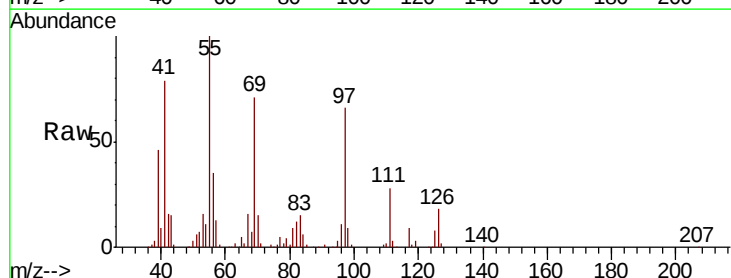


Abundance Ion 117.00 (116.70 to 117.70): V
Ion 82.00 (81.70 to 82.70): VF0
Ion 119.00 (118.70 to 119.70): V

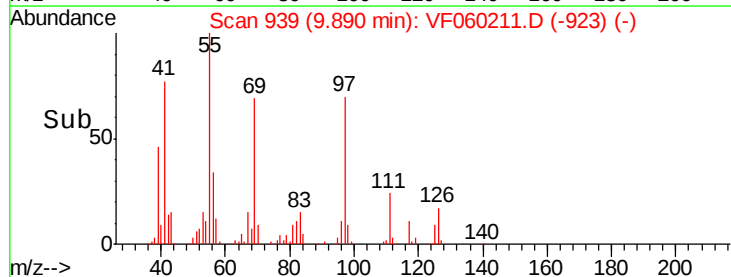
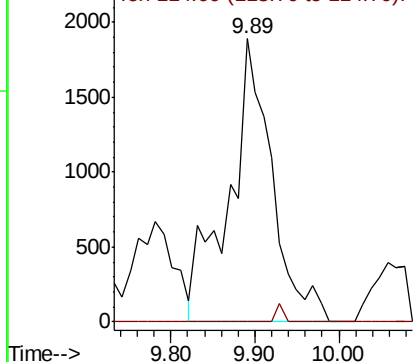


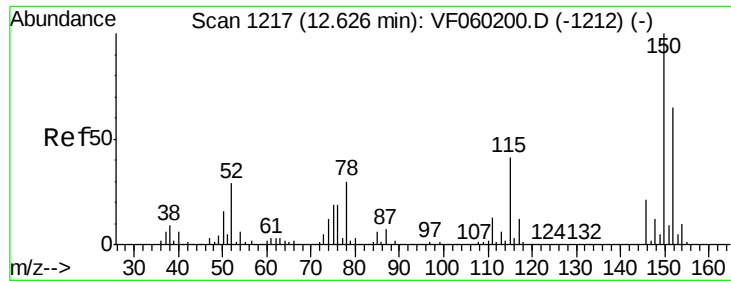
#65
Chlorobenzene
Concen: 1.419 ug/l
RT: 9.89 min Scan# 939
Delta R.T. -0.04 min
Lab File: VF060211.D
Acq: 7 Sep 2018 15:35

Tgt Ion:112 Resp: 6761
Ion Ratio Lower Upper
112 100
114 0.0 25.7 38.5#



Abundance Ion 112.00 (111.70 to 112.70): V
Ion 114.00 (113.70 to 114.70): V





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.64 min Scan# 1218

Delta R.T. 0.01 min

Lab File: VF060211.D

Acq: 7 Sep 2018 15:35

Instrument :

MSVOA_F

ClientSampleId :

EP1-MW-G(7-10)

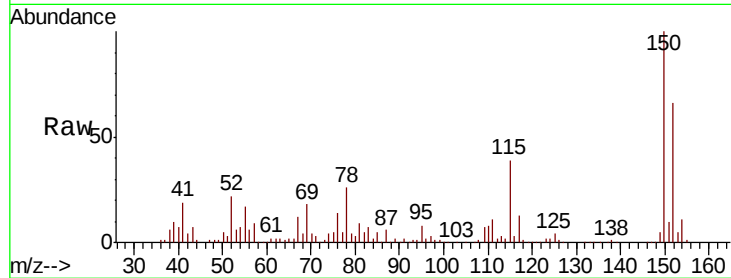
Tgt Ion:152 Resp: 168351

Ion Ratio Lower Upper

152 100

115 58.4 31.5 94.5

150 151.7 0.0 310.4

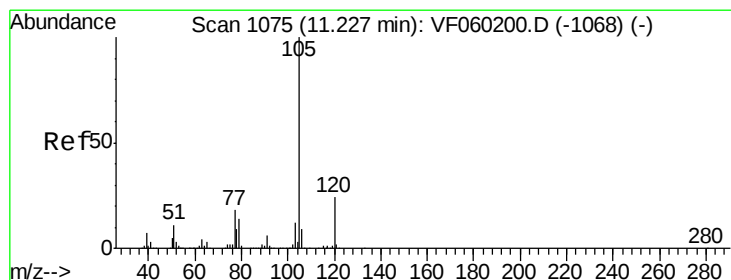
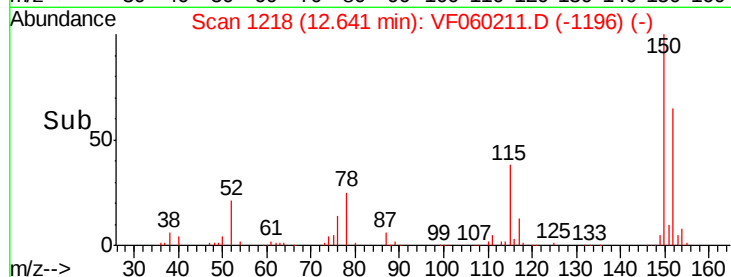
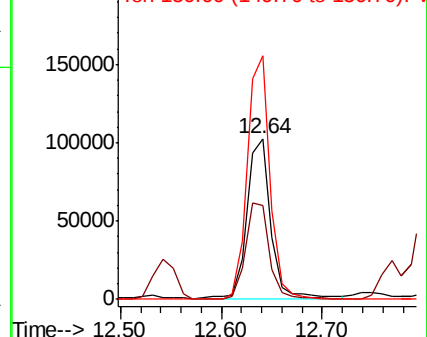


Abundance

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



#73

Isopropylbenzene

Concen: 21.833 ug/l

RT: 11.23 min Scan# 1075

Delta R.T. 0.00 min

Lab File: VF060211.D

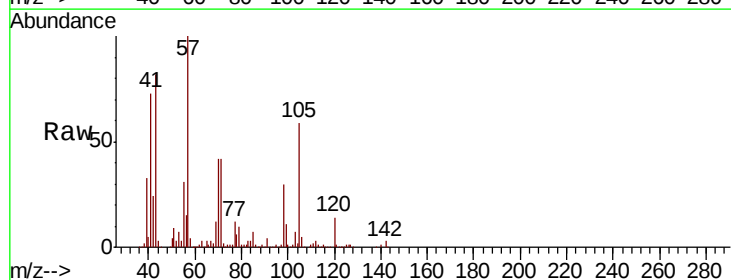
Acq: 7 Sep 2018 15:35

Tgt Ion:105 Resp: 253543

Ion Ratio Lower Upper

105 100

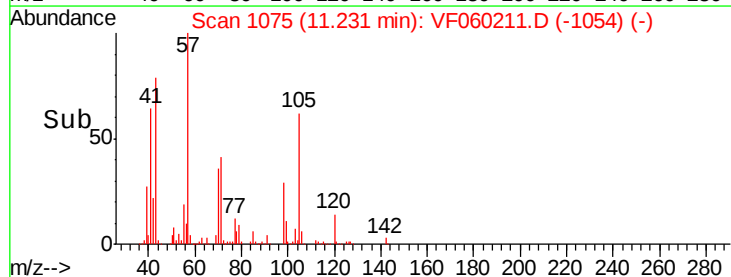
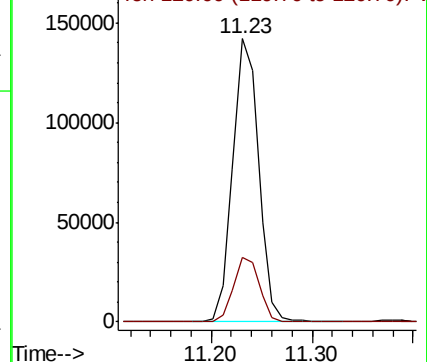
120 22.9 11.8 35.3

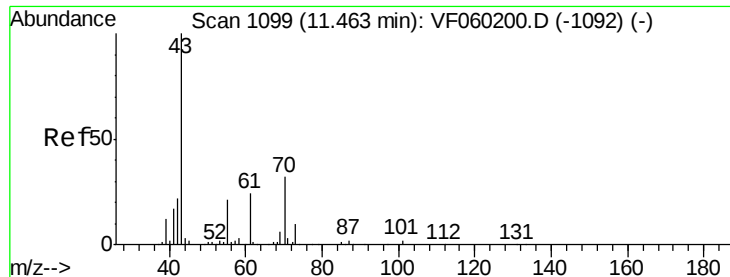


Abundance

Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#74

N-ethyl acetate

Concen: 30.842 ug/l

RT: 11.50 min Scan# 1102

Delta R.T. 0.03 min

Lab File: VF060211.D

Acq: 7 Sep 2018 15:35

Instrument :

MSVOA_F

ClientSampleId :

EP1-MW-G(7-10)

Tgt Ion: 43 Resp: 66612

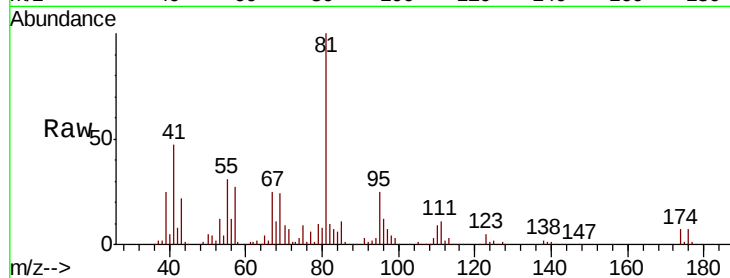
Ion Ratio Lower Upper

43 100

70 42.9 25.8 38.6#

55 139.2 16.8 25.2#

61 4.5 18.9 28.3#

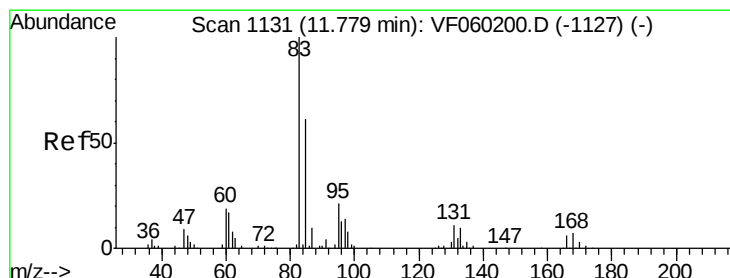
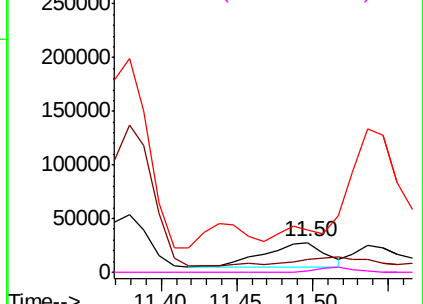
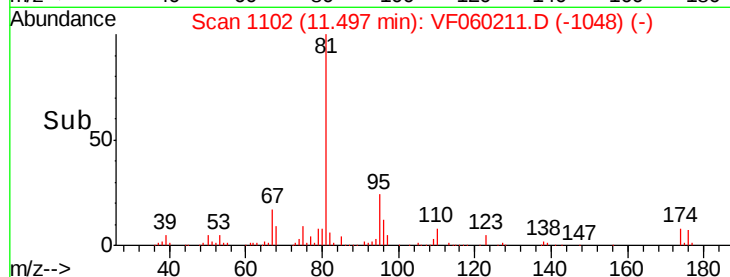


Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 70.00 (69.70 to 70.70): VF0

Ion 55.00 (54.70 to 55.70): VF0

Ion 61.00 (60.70 to 61.70): VF0



#75

1,1,2,2-Tetrachloroethane

Concen: 55.496 ug/l

RT: 11.77 min Scan# 1130

Delta R.T. -0.01 min

Lab File: VF060211.D

Acq: 7 Sep 2018 15:35

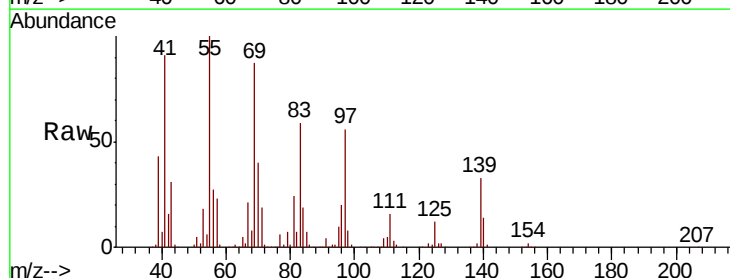
Tgt Ion: 83 Resp: 96912

Ion Ratio Lower Upper

83 100

131 0.0 5.5 16.4#

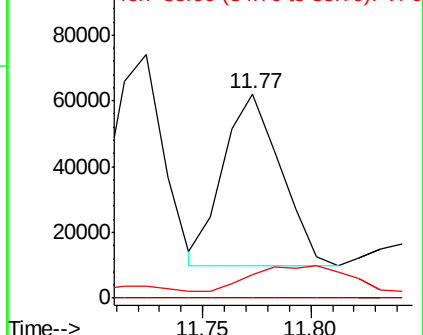
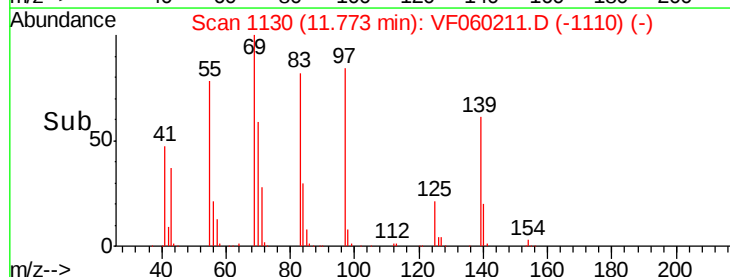
85 11.3 31.1 93.5#

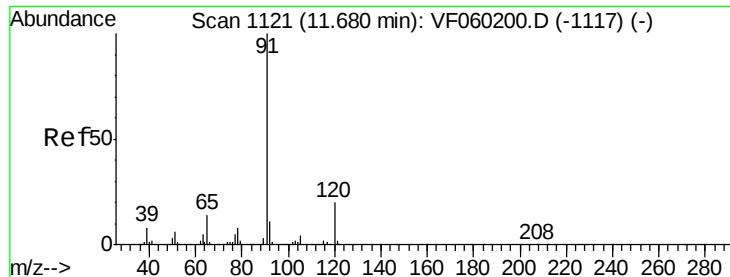


Abundance Ion 83.00 (82.70 to 83.70): VF0

Ion 131.00 (130.70 to 131.70): V

Ion 85.00 (84.70 to 85.70): VF0

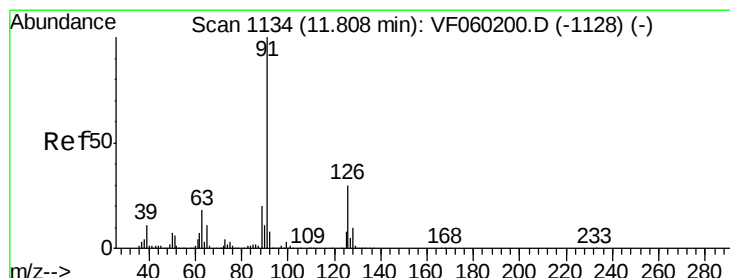
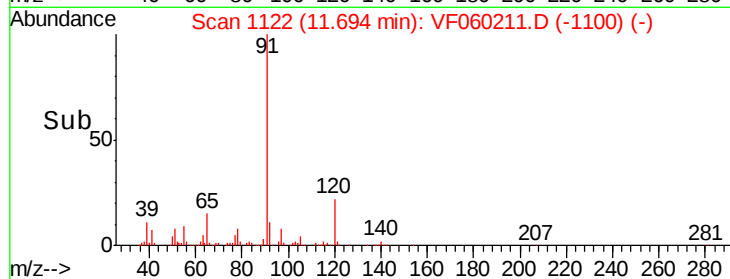
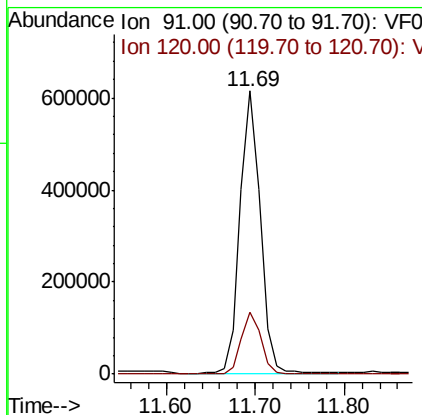
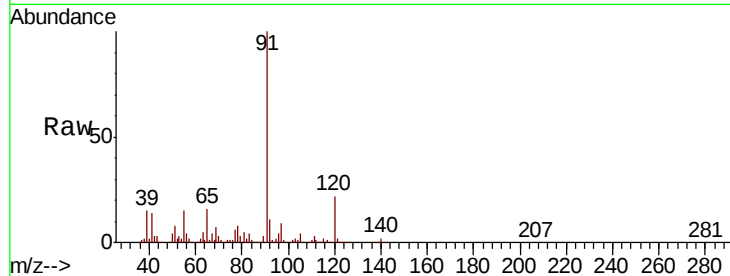




#78
n-propylbenzene
Concen: 70.421 ug/l
RT: 11.69 min Scan# 1122
Delta R.T. 0.01 min
Lab File: VF060211.D
Acq: 7 Sep 2018 15:35

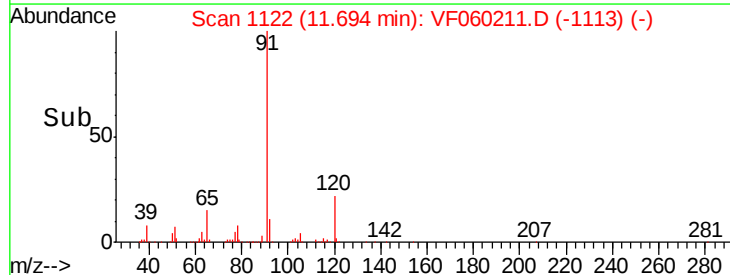
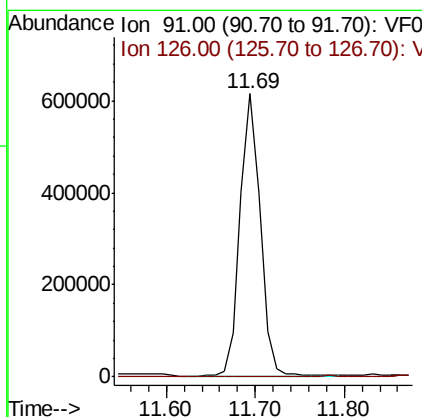
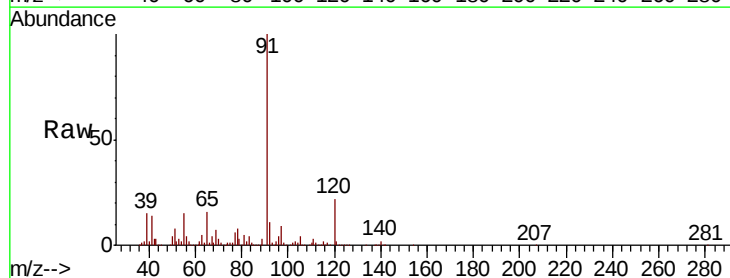
Instrument :
MSVOA_F
ClientSampleId :
EP1-MW-G(7-10)

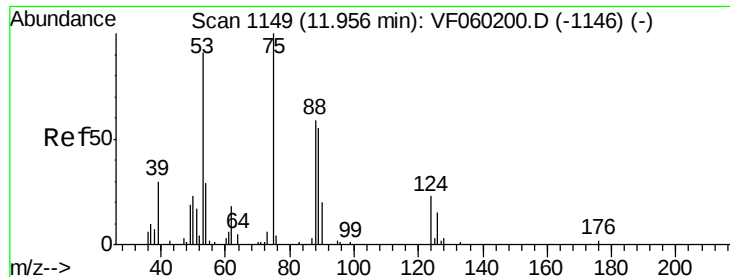
Tgt Ion: 91 Resp: 979924
Ion Ratio Lower Upper
91 100
120 21.9 9.8 29.4



#79
2-Chlorotoluene
Concen: 116.562 ug/l
RT: 11.69 min Scan# 1122
Delta R.T. -0.11 min
Lab File: VF060211.D
Acq: 7 Sep 2018 15:35

Tgt Ion: 91 Resp: 979924
Ion Ratio Lower Upper
91 100
126 0.1 15.2 45.5#





#81

trans-1,4-Dichloro-2-butene

Concen: 3.992 ug/l

RT: 12.01 min Scan# 1154

Delta R.T. 0.05 min

Lab File: VF060211.D

Acq: 7 Sep 2018 15:35

Instrument :

MSVOA_F

ClientSampleId :

EP1-MW-G(7-10)

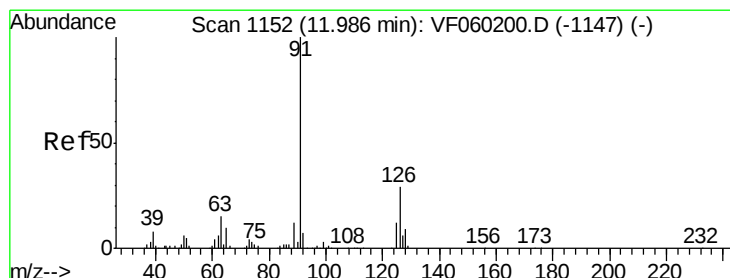
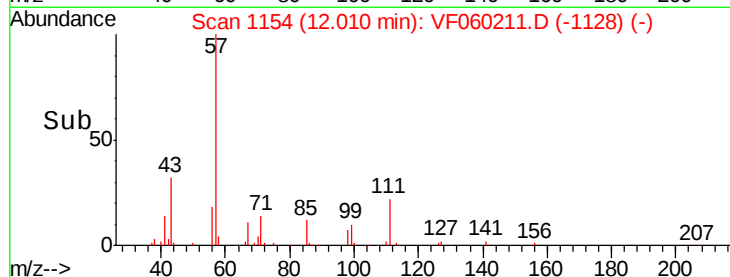
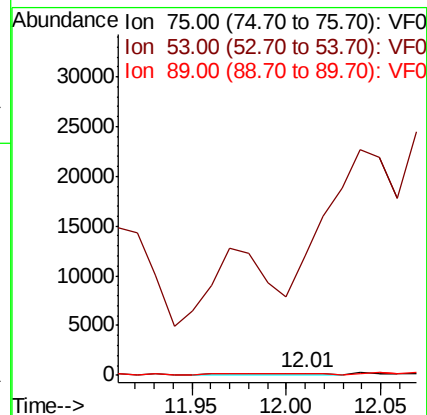
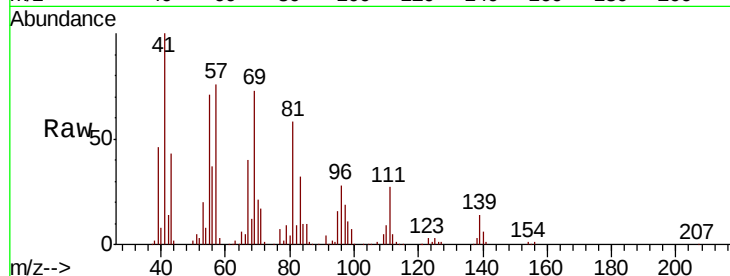
Tgt Ion: 75 Resp: 660

Ion Ratio Lower Upper

75 100

53 5217.8 76.5 114.7#

89 69.6 46.5 69.7



#82

4-Chlorotoluene

Concen: 1.557 ug/l

RT: 12.05 min Scan# 1158

Delta R.T. 0.06 min

Lab File: VF060211.D

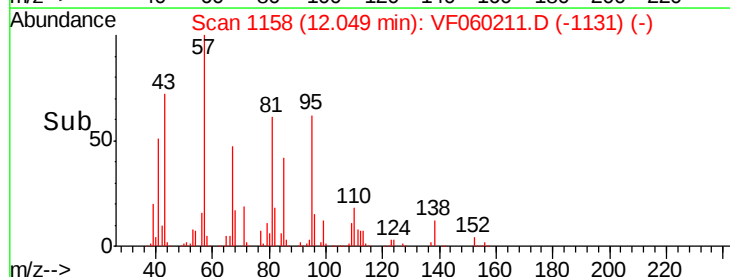
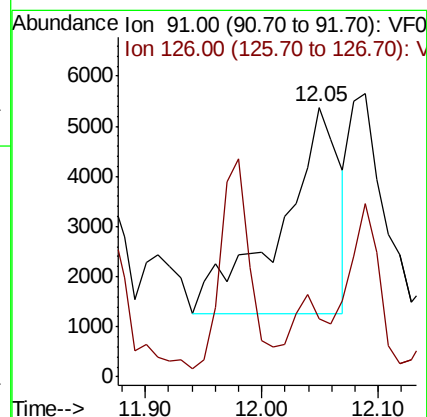
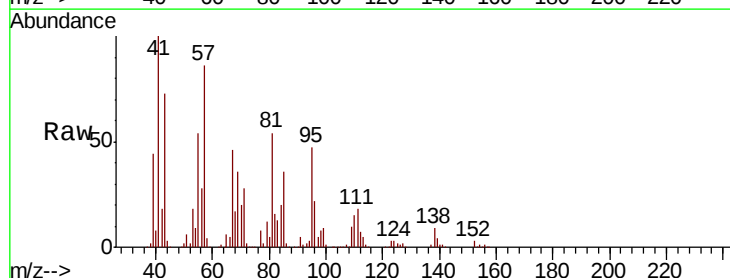
Acq: 7 Sep 2018 15:35

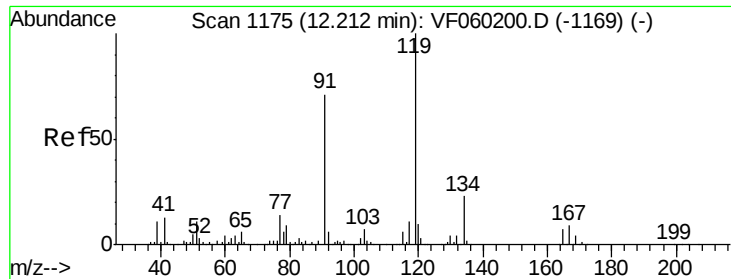
Tgt Ion: 91 Resp: 14524

Ion Ratio Lower Upper

91 100

126 21.4 14.4 43.4

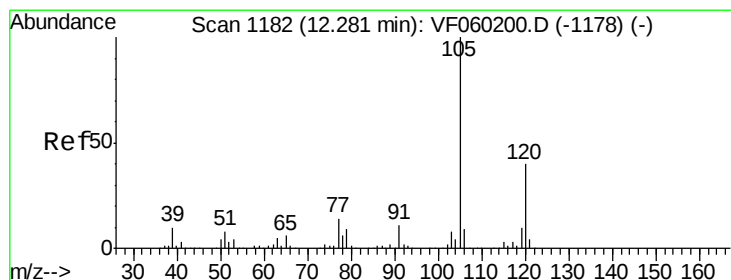
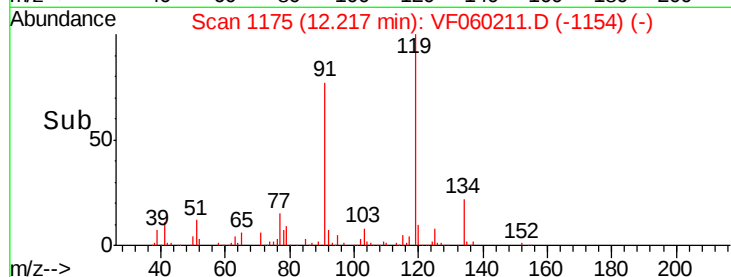
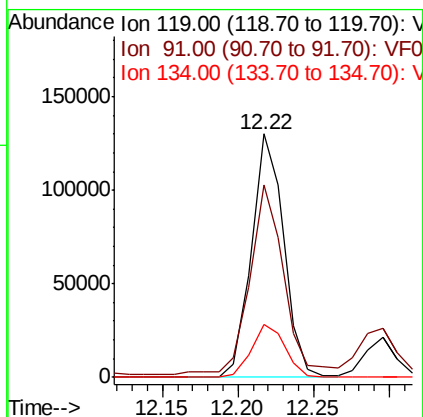
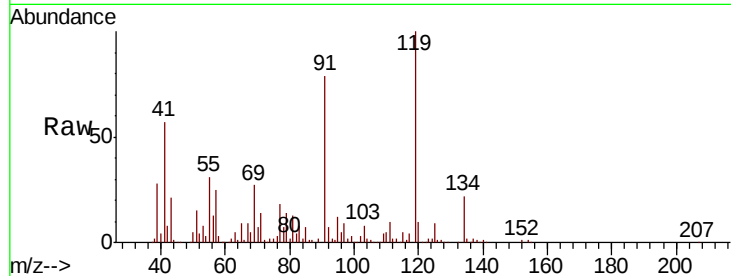




#83
tert-Butylbenzene
Concen: 20.765 ug/l
RT: 12.22 min Scan# 1175
Delta R.T. 0.00 min
Lab File: VF060211.D
Acq: 7 Sep 2018 15:35

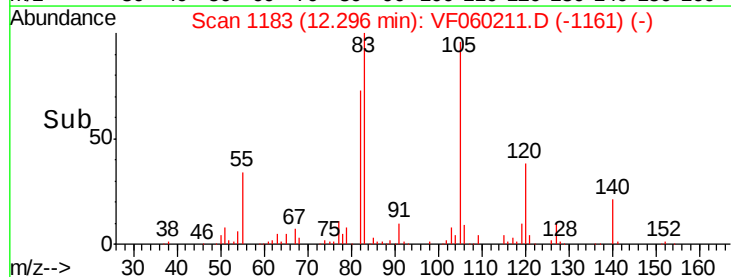
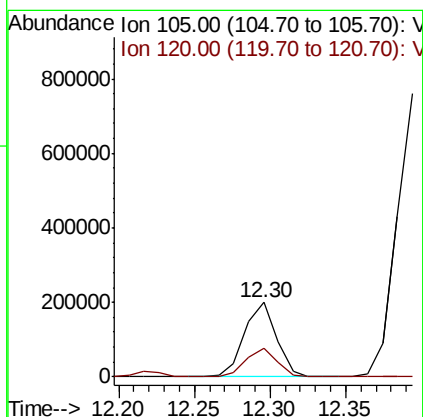
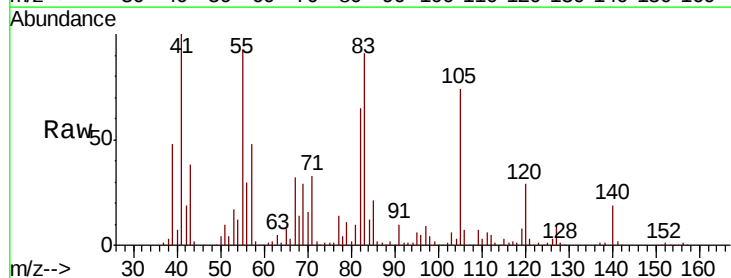
Instrument :
MSVOA_F
ClientSampleId :
EP1-MW-G(7-10)

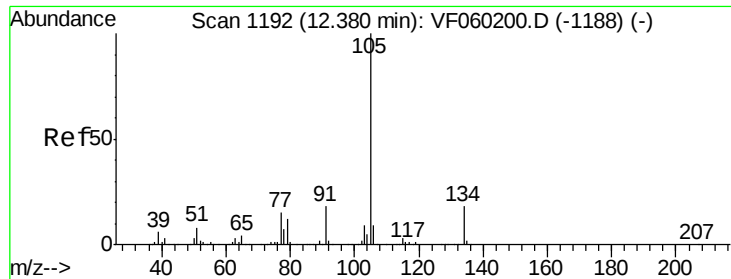
Tgt Ion:119 Resp: 193966
Ion Ratio Lower Upper
119 100
91 79.0 35.8 107.4
134 21.6 11.6 34.7



#84
1,2,4-Trimethylbenzene
Concen: 28.413 ug/l
RT: 12.30 min Scan# 1183
Delta R.T. 0.01 min
Lab File: VF060211.D
Acq: 7 Sep 2018 15:35

Tgt Ion:105 Resp: 295899
Ion Ratio Lower Upper
105 100
120 39.3 20.2 60.5

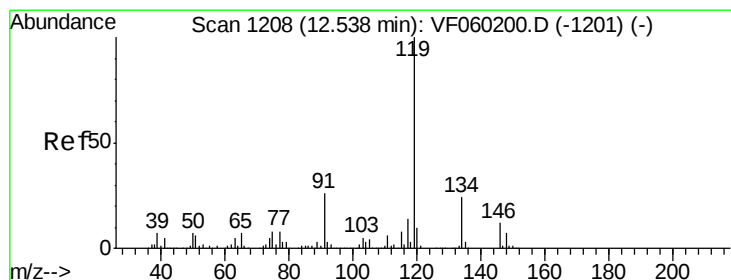
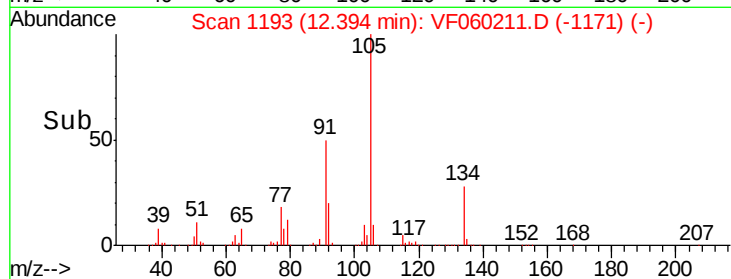
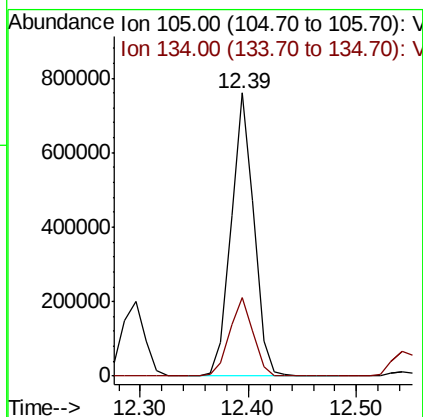
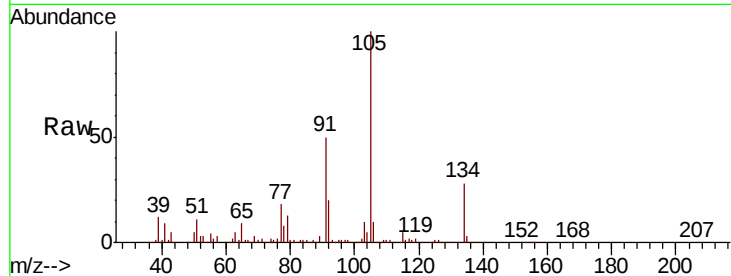




#85
 sec-Butylbenzene
 Concen: 85.746 ug/l
 RT: 12.39 min Scan# 1193
 Delta R.T. 0.01 min
 Lab File: VF060211.D
 Acq: 7 Sep 2018 15:35

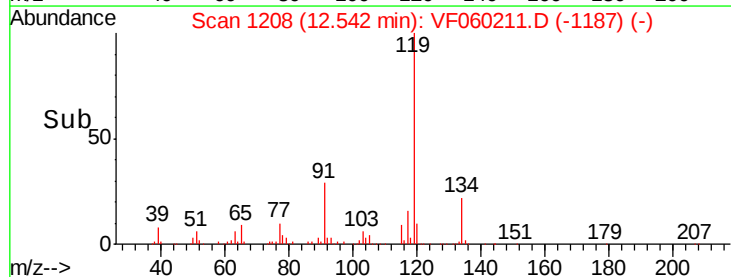
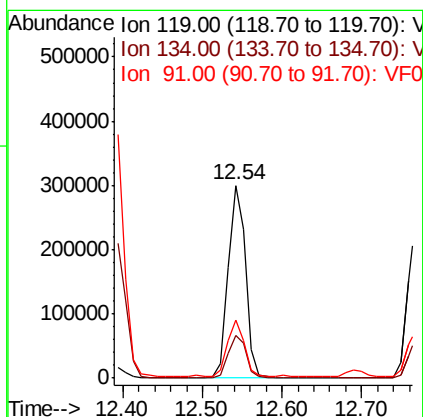
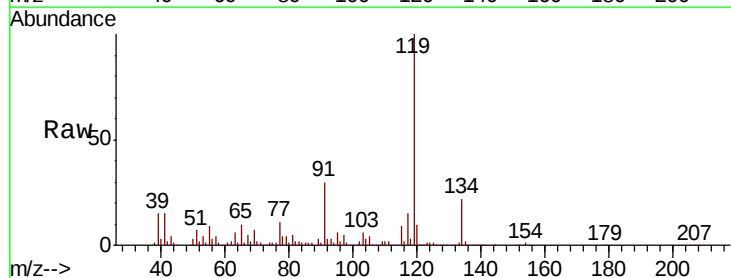
Instrument :
 MSVOA_F
 ClientSampleId :
 EP1-MW-G(7-10)

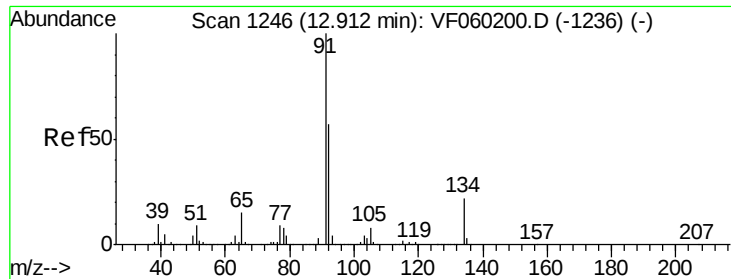
Tgt Ion:105 Resp: 1104936
 Ion Ratio Lower Upper
 105 100
 134 27.7 8.8 26.5#



#86
 p-Isopropyltoluene
 Concen: 40.604 ug/l
 RT: 12.54 min Scan# 1208
 Delta R.T. 0.00 min
 Lab File: VF060211.D
 Acq: 7 Sep 2018 15:35

Tgt Ion:119 Resp: 464625
 Ion Ratio Lower Upper
 119 100
 134 22.1 12.0 36.0
 91 30.1 12.9 38.7

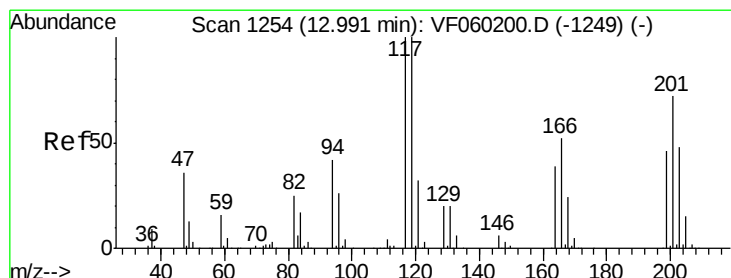
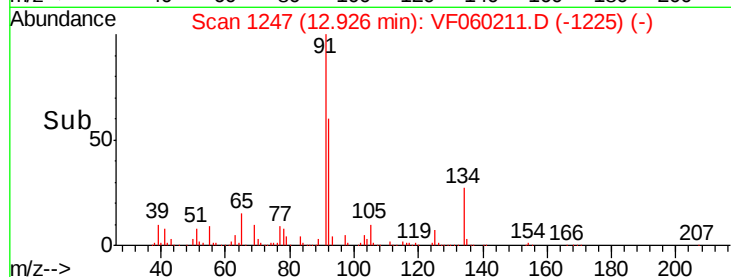
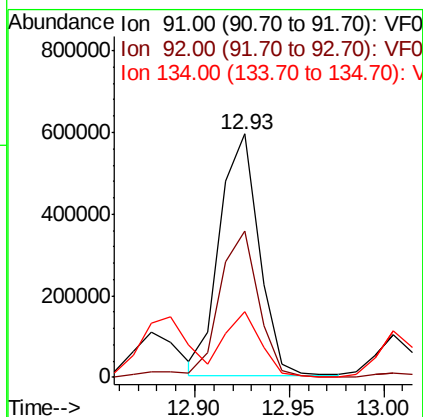
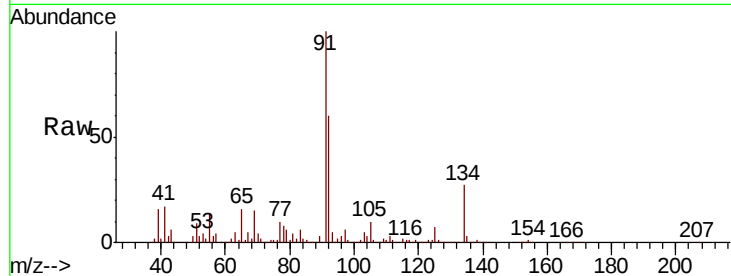




#89
n-Butylbenzene
Concen: 77.125 ug/l
RT: 12.93 min Scan# 1247
Delta R.T. 0.01 min
Lab File: VF060211.D
Acq: 7 Sep 2018 15:35

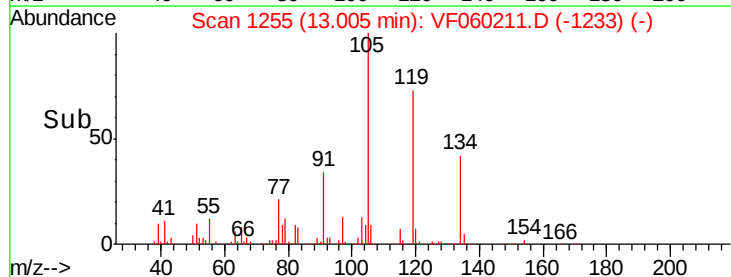
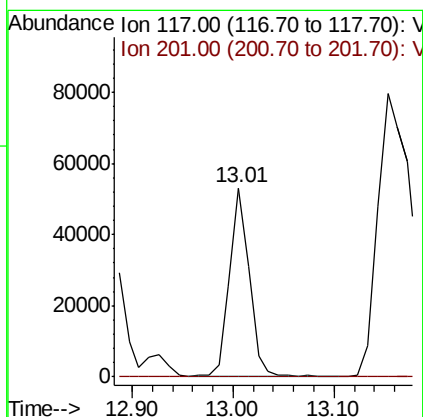
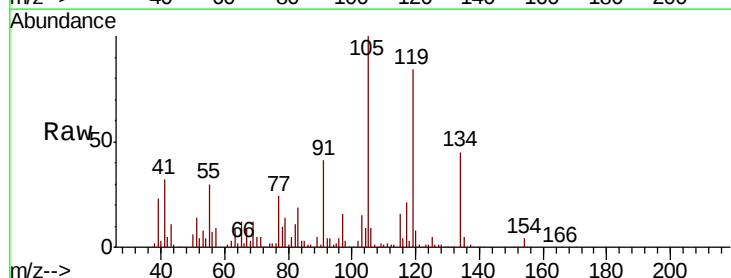
Instrument :
MSVOA_F
ClientSampleId :
EP1-MW-G(7-10)

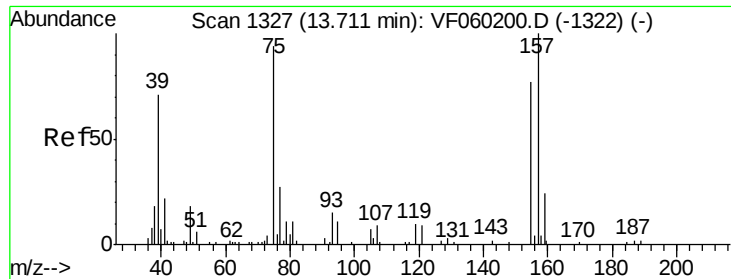
Tgt Ion: 91 Resp: 853551
Ion Ratio Lower Upper
91 100
92 60.1 28.4 85.3
134 27.2 11.1 33.3



#90
Hexachloroethane
Concen: 30.822 ug/l
RT: 13.01 min Scan# 1255
Delta R.T. 0.01 min
Lab File: VF060211.D
Acq: 7 Sep 2018 15:35

Tgt Ion: 117 Resp: 71498
Ion Ratio Lower Upper
117 100
201 0.0 35.7 107.1#





#92

1,2-Dibromo-3-Chloropropane

Concen: 7.908 ug/l

RT: 13.71 min Scan# 1326

Delta R.T. -0.01 min

Lab File: VF060211.D

Acq: 7 Sep 2018 15:35

Instrument :

MSVOA_F

ClientSampleId :

EP1-MW-G(7-10)

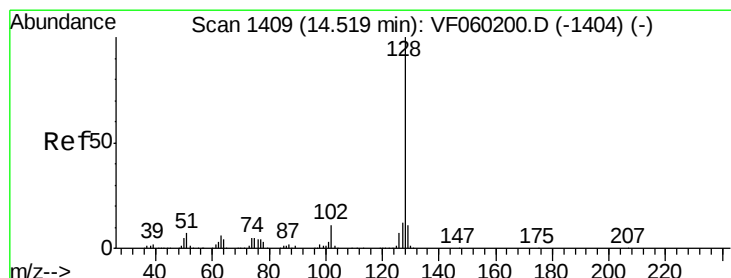
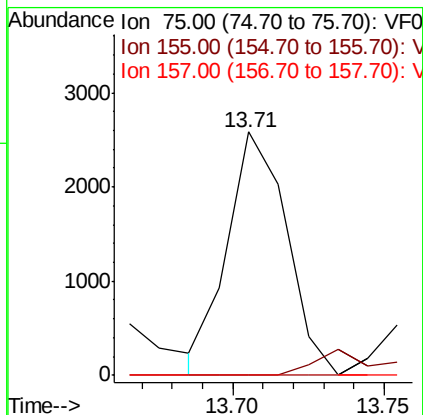
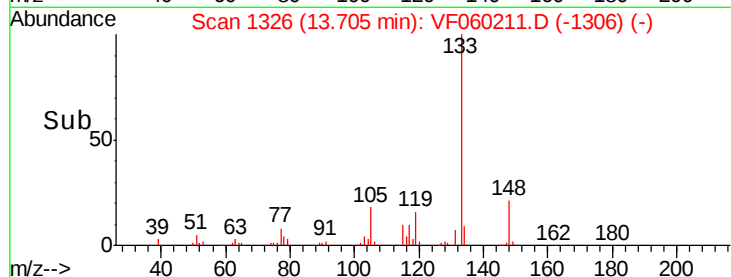
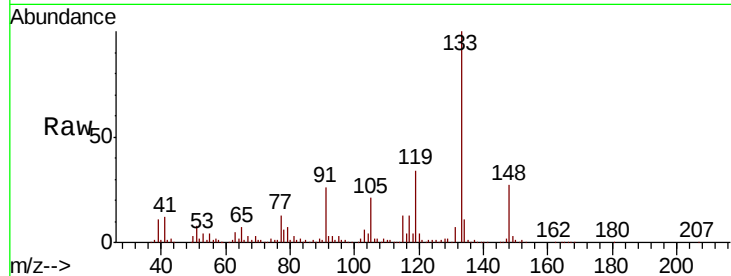
Tgt Ion: 75 Resp: 3524

Ion Ratio Lower Upper

75 100

155 0.0 40.8 122.5#

157 0.0 53.3 159.9#



#95

Naphthalene

Concen: 5.043 ug/l

RT: 14.52 min Scan# 1409

Delta R.T. 0.01 min

Lab File: VF060211.D

Acq: 7 Sep 2018 15:35

Tgt Ion: 128 Resp: 16339

Ion Ratio Lower Upper

128 100

127 16.8 9.9 14.9#

129 32.4 8.9 13.3#

