

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_F\DATA\VF090718\
 Data File : VF060212.D
 Acq On : 7 Sep 2018 16:03
 Operator : VA/AP
 Sample : J4693-18RE
 Misc : 6.54g/5mL/MSVOA_F/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 EP1-MW-G(10-15)

Quant Time: Sep 07 23:24:39 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	206448	50.00	ug/l	0.01
34) 1,4-Difluorobenzene	5.78	114	285684	50.00	ug/l	0.01
63) Chlorobenzene-d5	9.93	117	290387	50.00	ug/l	0.01
72) 1,4-Dichlorobenzene-d4	12.64	152	174096	50.00	ug/l	0.01

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	5.03	65	132825	36.83	ug/l	0.01
Spiked Amount	50.000		Recovery	=	73.66%	
35) Dibromofluoromethane	4.30	113	102604	36.66	ug/l	0.00
Spiked Amount	50.000		Recovery	=	73.32%	
50) Toluene-d8	7.71	98	258676	37.04	ug/l	0.00
Spiked Amount	50.000		Recovery	=	74.08%	
62) 4-Bromofluorobenzene	11.51	95	166997	42.38	ug/l	0.01
Spiked Amount	50.000		Recovery	=	84.76%	

Target Compounds

					Qvalue	
11) Tert butyl alcohol	2.71	59	502	14.771 ug/l	#	5
13) Acrolein	2.10	56	254	Below Cal	#	23
15) Acrylonitrile	3.09	53	282	1.028 ug/l	#	1
16) Acetone	2.35	43	16189	26.922 ug/l		94
17) Carbon Disulfide	1.84	76	5077	1.174 ug/l		99
18) Methyl Acetate	2.49	43	2120	1.740 ug/l	#	64
20) Methylene Chloride	2.29	84	5646	Below Cal	#	90
23) Vinyl Acetate	3.33	43	279	22.905 ug/l	#	82
25) 2-Butanone	4.53	43	4128	4.072 ug/l	#	84
26) 2,2-Dichloropropane	3.77	77	63	2.046 ug/l	#	64
30) Chloroform	4.05	83	5479	1.031 ug/l		88
37) Ethyl Acetate	4.33	43	268	Below Cal	#	17
39) Methylcyclohexane	5.77	83	3889	1.381 ug/l	#	30
49) 1,4-Dioxane	6.42	88	83	3.636 ug/l	#	15
51) 4-Methyl-2-Pentanone	8.43	43	6778	3.901 ug/l	#	42
55) 1,1,2-Trichloroethane	8.53	97	2354	1.379 ug/l	#	33
56) Ethyl methacrylate	8.77	69	9864	5.056 ug/l		93
58) 2-Chloroethyl Vinyl ether	7.77	63	211	1.006 ug/l		100
59) 2-Hexanone	9.64	43	5055	2.729 ug/l		78
73) Isopropylbenzene	11.23	105	104360	8.690 ug/l		98
74) N-amyl acetate	11.49	43	6341	7.193 ug/l	#	1
75) 1,1,2,2-Tetrachloroethane	11.77	83	26516	14.683 ug/l	#	35
78) n-propylbenzene	11.69	91	119423	8.299 ug/l		98
79) 2-Chlorotoluene	11.69	91	119423	13.737 ug/l	#	45
81) trans-1,4-Dichloro-2-buten	11.99	75	358	3.303 ug/l	#	1
83) tert-Butylbenzene	12.21	119	32730	3.388 ug/l		91
84) 1,2,4-Trimethylbenzene	12.29	105	11123	1.033 ug/l		94
85) sec-Butylbenzene	12.39	105	158417	11.888 ug/l		83
86) p-Isopropyltoluene	12.54	119	24373	2.060 ug/l		91
89) n-Butylbenzene	12.92	91	50856	4.444 ug/l		99
90) Hexachloroethane	13.00	117	10508	4.380 ug/l	#	14
92) 1,2-Dibromo-3-Chloropropan	13.70	75	843	1.829 ug/l	#	2
95) Naphthalene	14.53	128	4767	3.296 ug/l	#	74

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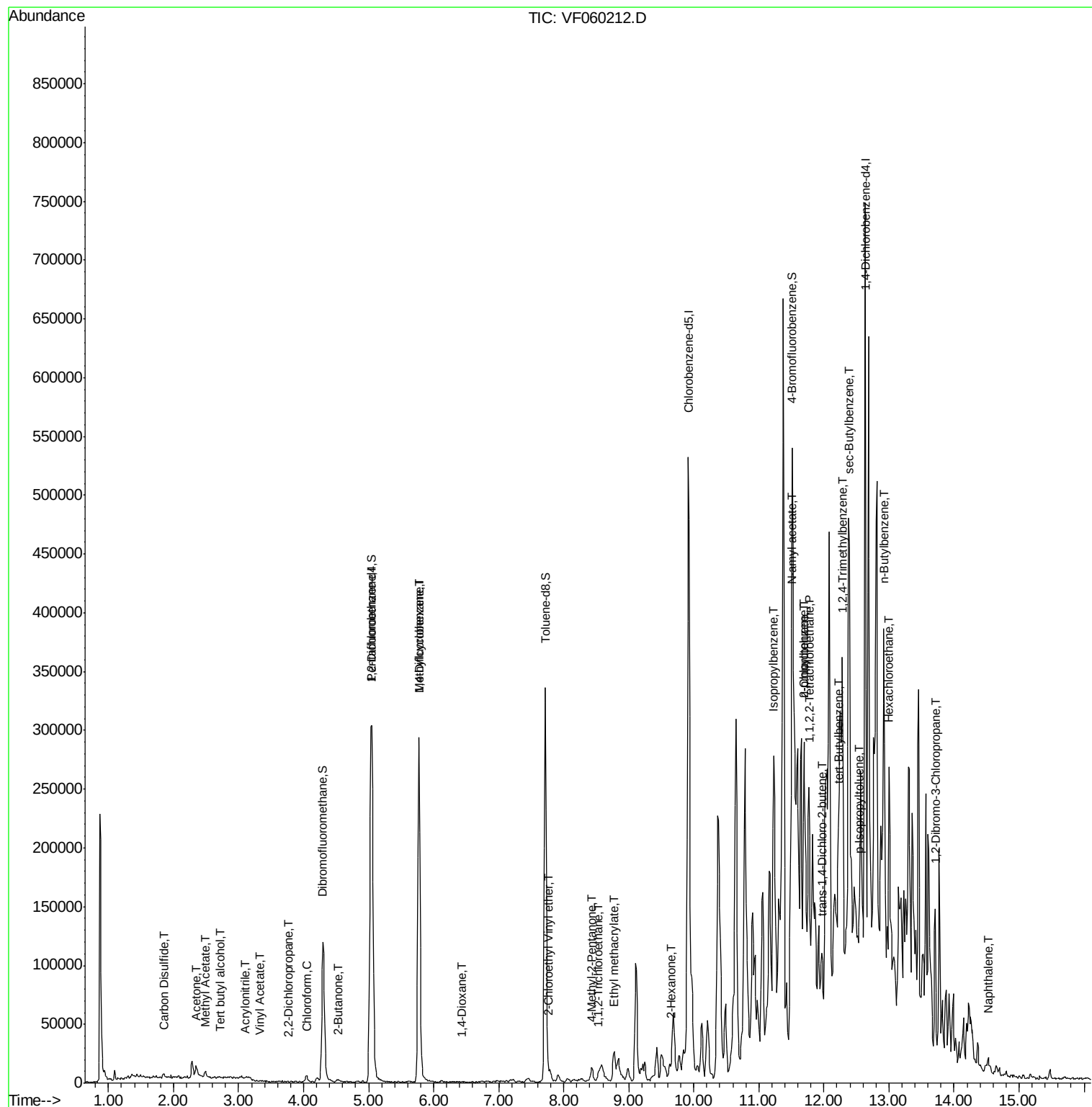
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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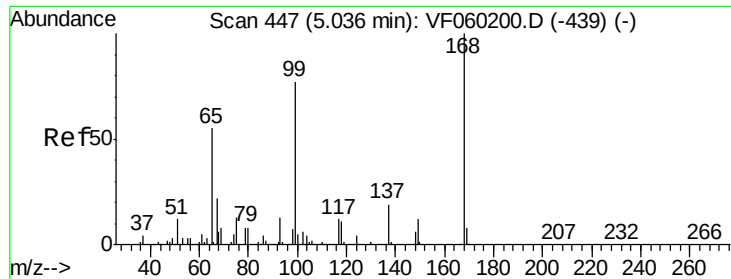
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VF060212.D

Acq: 7 Sep 2018 16:03

Instrument :

MSVOA_F

ClientSampleId :

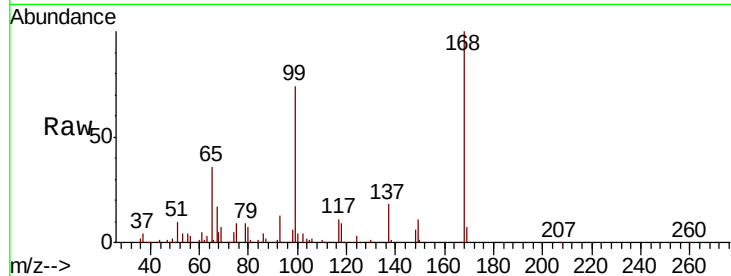
EP1-MW-G(10-15)

Tgt Ion:168 Resp: 206448

Ion Ratio Lower Upper

168 100

99 74.4 61.8 92.6



Abundance Ion 168.00 (167.70 to 168.70): VF0

Ion 99.00 (98.70 to 99.70): VF0

5.05

80000

60000

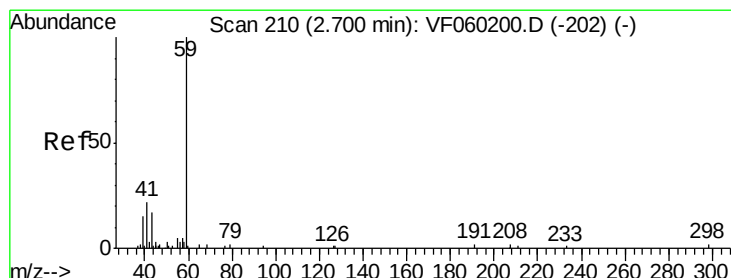
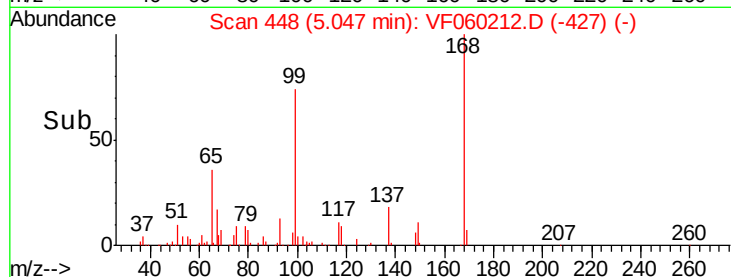
40000

20000

0

Time-->

4.90 5.00 5.10 5.20



#11

Tert butyl alcohol

Concen: 14.771 ug/l

RT: 2.71 min Scan# 211

Delta R.T. 0.01 min

Lab File: VF060212.D

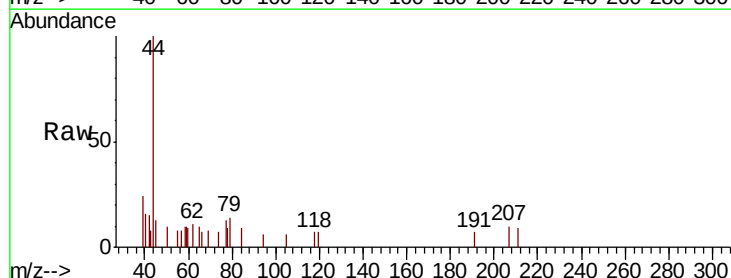
Acq: 7 Sep 2018 16:03

Tgt Ion: 59 Resp: 502

Ion Ratio Lower Upper

59 100

57 43.4 7.2 10.8#



Abundance Ion 59.00 (58.70 to 59.70): VF0

Ion 57.00 (56.70 to 57.70): VF0

2.71

300

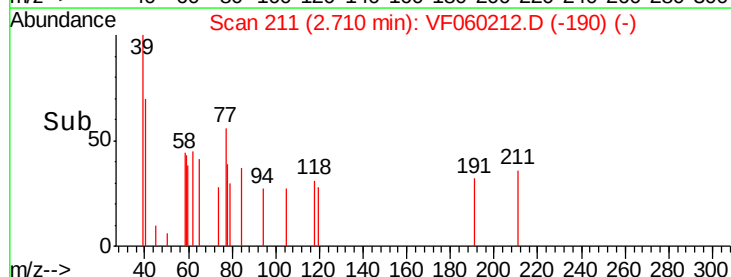
200

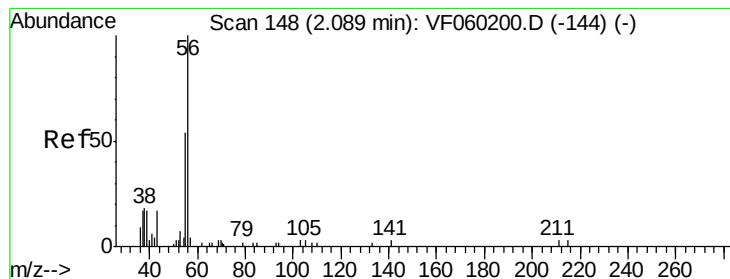
100

0

Time-->

2.65 2.70 2.75





#13

Acrolein

Concen: Below Cal

RT: 2.10 min Scan# 149

Delta R.T. 0.01 min

Lab File: VF060212.D

Acq: 7 Sep 2018 16:03

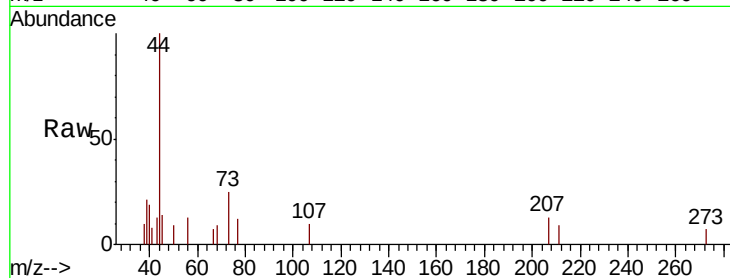
Instrument :
MSVOA_F
ClientSampleId :
EP1-MW-G(10-15)

Tgt Ion: 56 Resp: 254

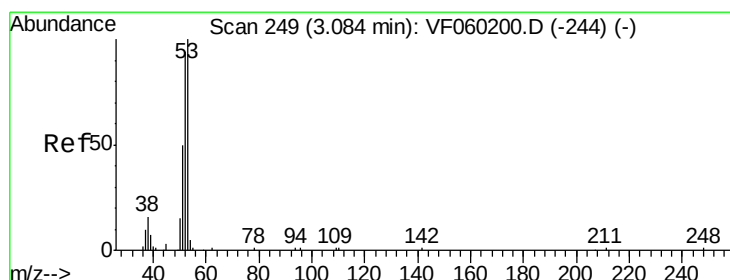
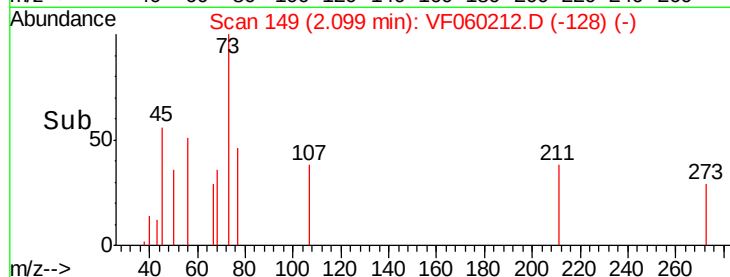
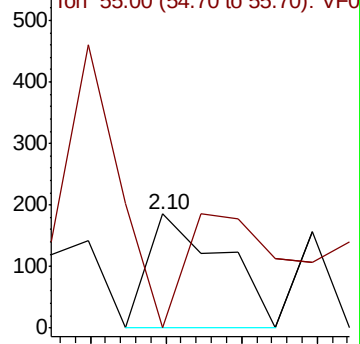
Ion Ratio Lower Upper

56 100

55 0.0 45.1 67.7#



Abundance Ion 56.00 (55.70 to 56.70): VF0



#15

Acrylonitrile

Concen: 1.028 ug/l

RT: 3.09 min Scan# 250

Delta R.T. 0.01 min

Lab File: VF060212.D

Acq: 7 Sep 2018 16:03

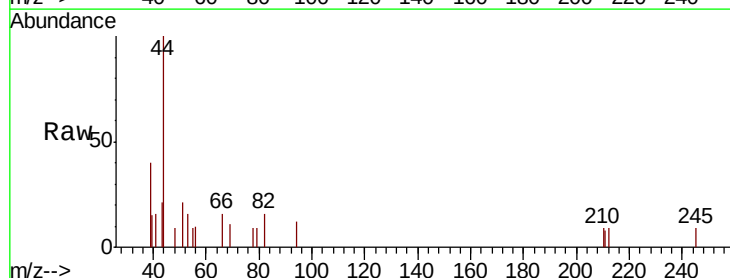
Tgt Ion: 53 Resp: 282

Ion Ratio Lower Upper

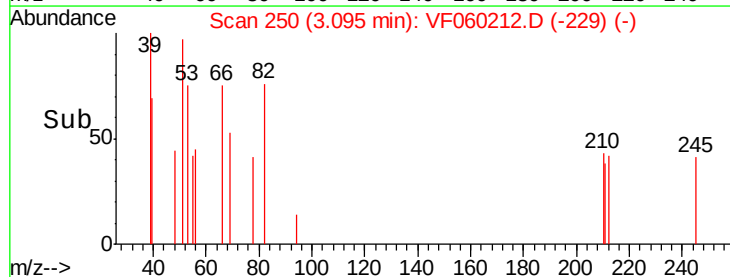
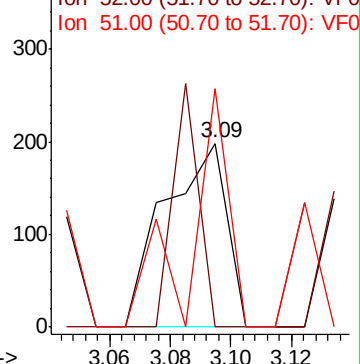
53 100

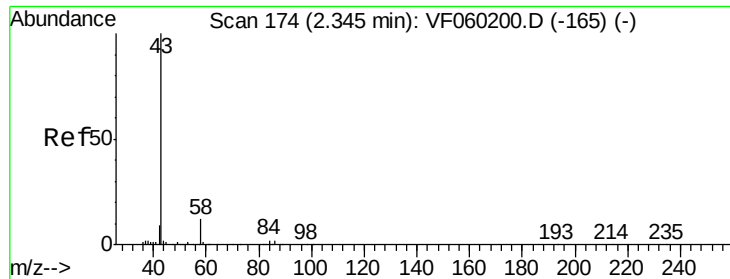
52 0.0 75.0 112.6#

51 130.3 39.9 59.9#



Abundance Ion 53.00 (52.70 to 53.70): VF0





#16

Acetone

Concen: 26.922 ug/l

RT: 2.35 min Scan# 174

Delta R.T. 0.00 min

Lab File: VF060212.D

Acq: 7 Sep 2018 16:03

Instrument :

MSVOA_F

ClientSampleId :

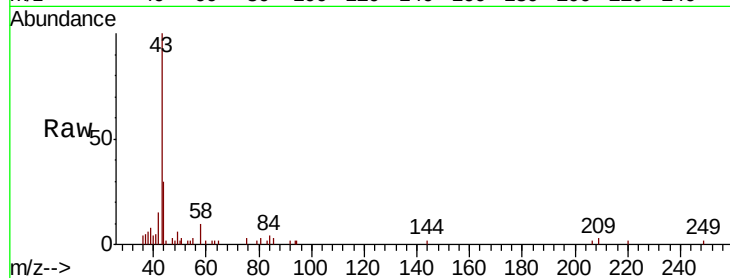
EP1-MW-G(10-15)

Tgt Ion: 43 Resp: 16189

Ion Ratio Lower Upper

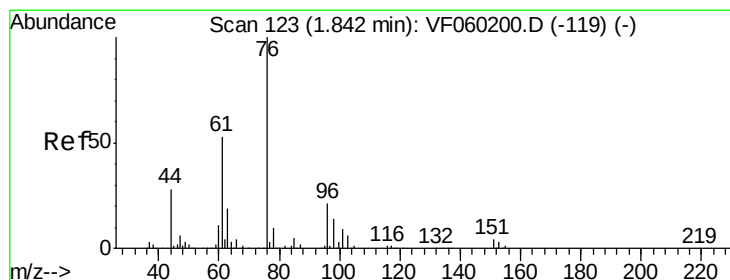
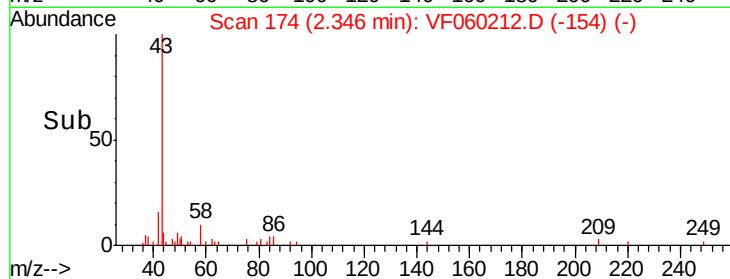
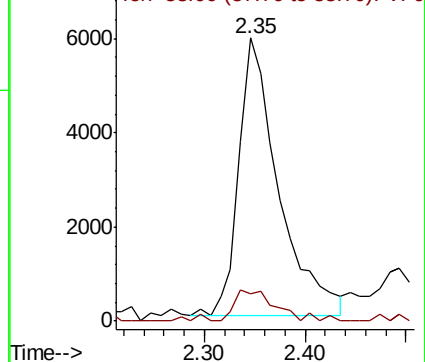
43 100

58 9.8 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: 1.174 ug/l

RT: 1.84 min Scan# 123

Delta R.T. 0.00 min

Lab File: VF060212.D

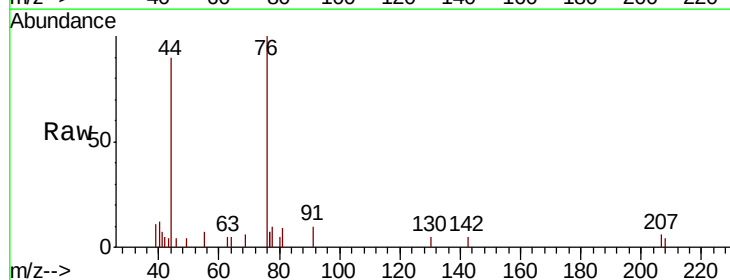
Acq: 7 Sep 2018 16:03

Tgt Ion: 76 Resp: 5077

Ion Ratio Lower Upper

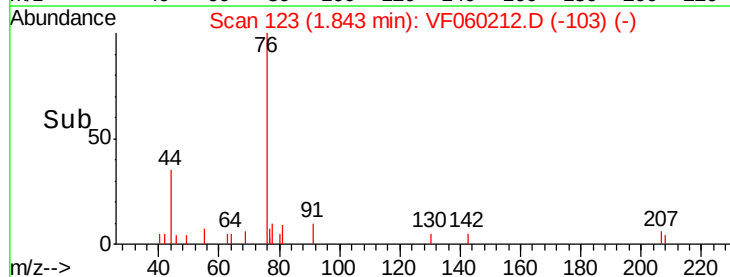
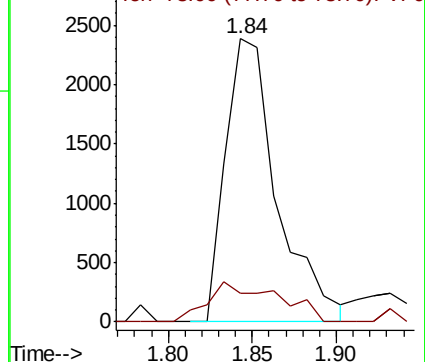
76 100

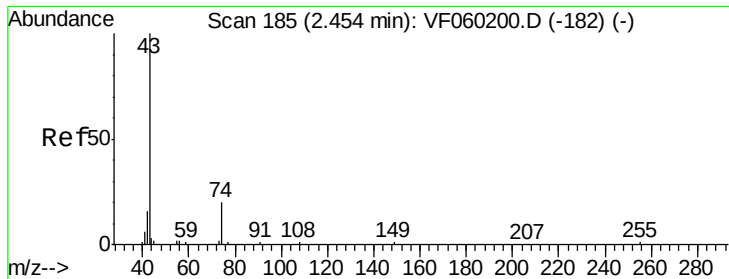
78 10.2 8.5 12.7



Abundance Ion 76.00 (75.70 to 76.70): VF0

Ion 78.00 (77.70 to 78.70): VF0

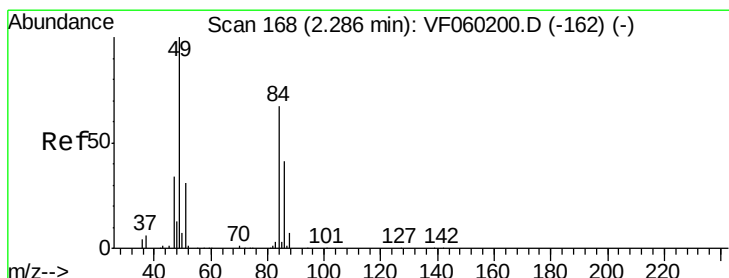
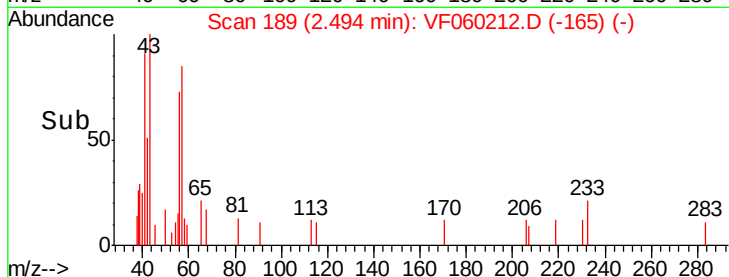
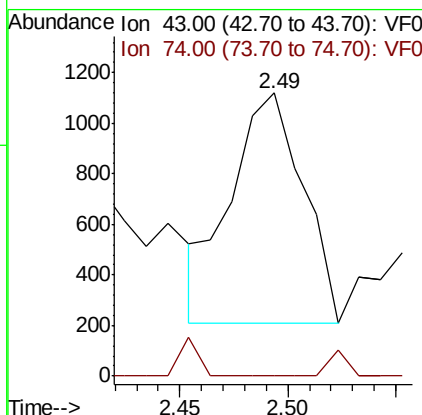
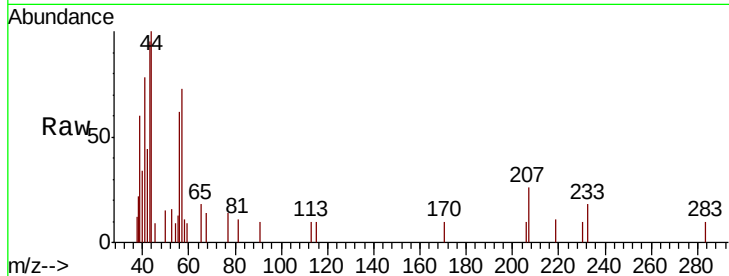




#18
Methyl Acetate
Concen: 1.740 ug/l
RT: 2.49 min Scan# 189
Delta R.T. 0.04 min
Lab File: VF060212.D
Acq: 7 Sep 2018 16:03

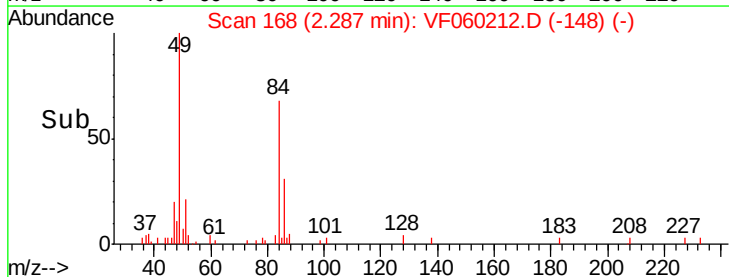
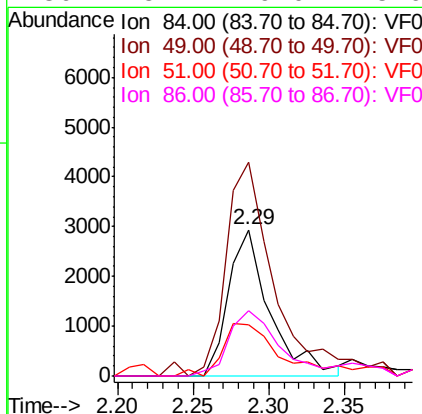
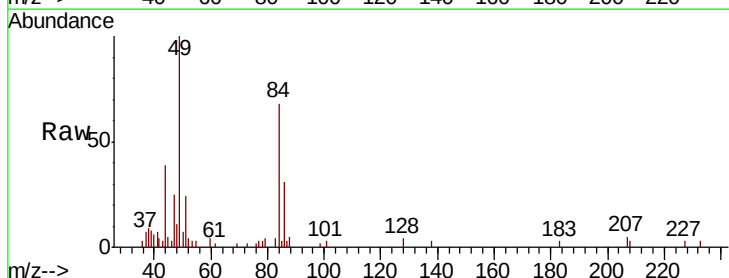
Instrument :
MSVOA_F
ClientSampleId :
EP1-MW-G(10-15)

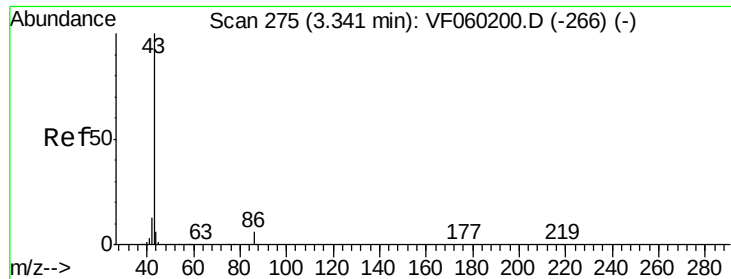
Tgt Ion: 43 Resp: 2120
Ion Ratio Lower Upper
43 100
74 0.0 11.9 17.9#



#20
Methylene Chloride
Concen: Below Cal
RT: 2.29 min Scan# 168
Delta R.T. 0.00 min
Lab File: VF060212.D
Acq: 7 Sep 2018 16:03

Tgt Ion: 84 Resp: 5646
Ion Ratio Lower Upper
84 100
49 146.0 120.1 180.1
51 35.4 37.0 55.6#
86 45.1 49.0 73.6#

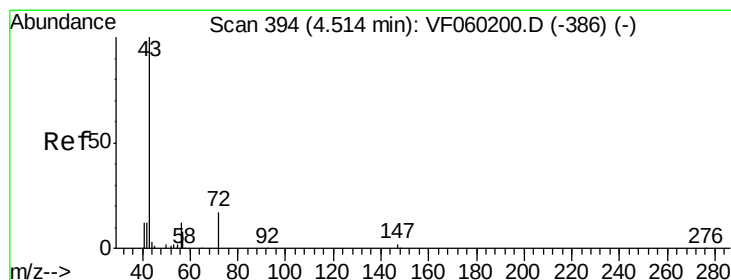
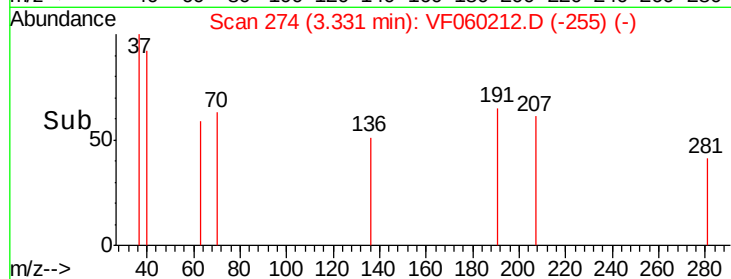
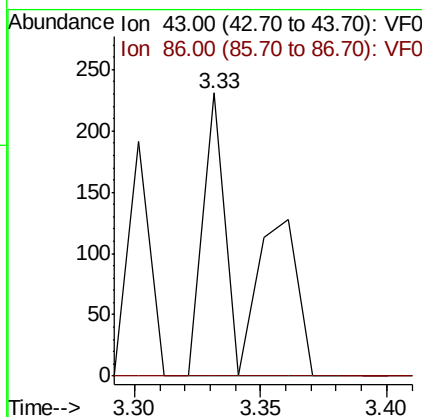
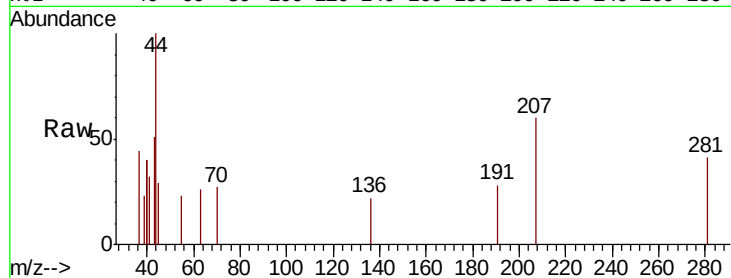




#23
 Vinyl Acetate
 Concen: 22.905 ug/l
 RT: 3.33 min Scan# 274
 Delta R.T. -0.01 min
 Lab File: VF060212.D
 Acq: 7 Sep 2018 16:03

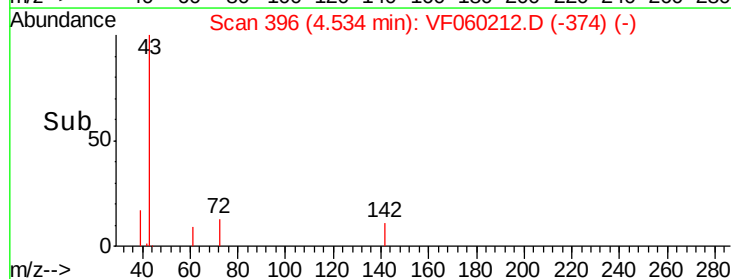
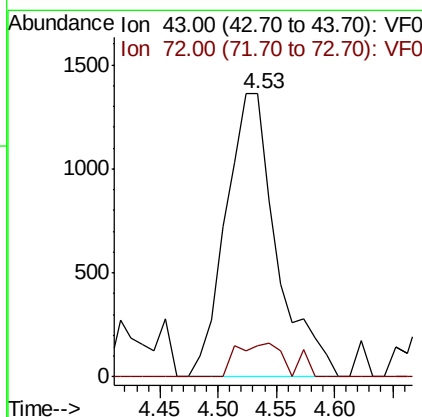
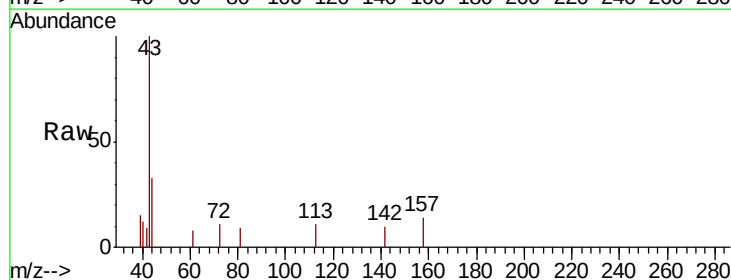
Instrument :
 MSVOA_F
 ClientSampleId :
 EP1-MW-G(10-15)

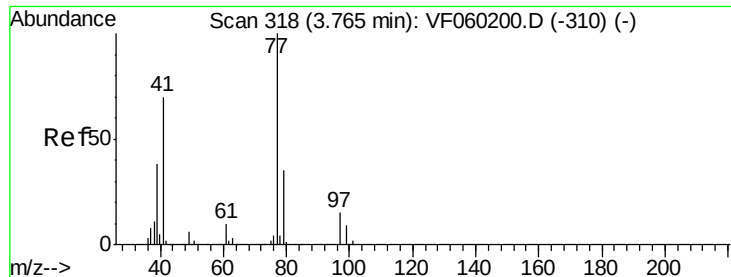
Tgt Ion: 43 Resp: 279
 Ion Ratio Lower Upper
 43 100
 86 0.0 4.8 7.2#



#25
 2-Butanone
 Concen: 4.072 ug/l
 RT: 4.53 min Scan# 396
 Delta R.T. 0.02 min
 Lab File: VF060212.D
 Acq: 7 Sep 2018 16:03

Tgt Ion: 43 Resp: 4128
 Ion Ratio Lower Upper
 43 100
 72 11.2 14.8 22.2#

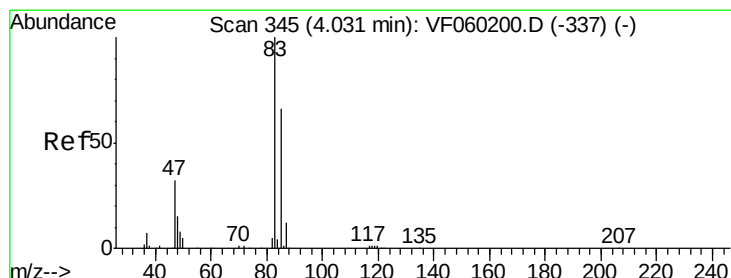
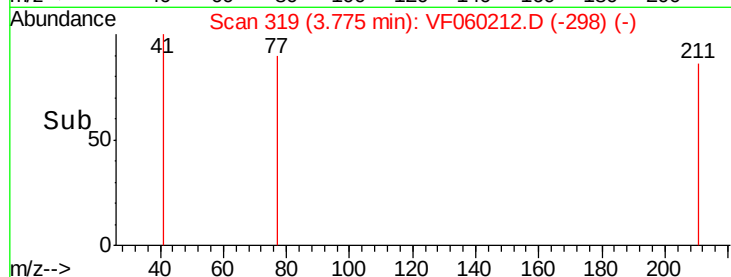
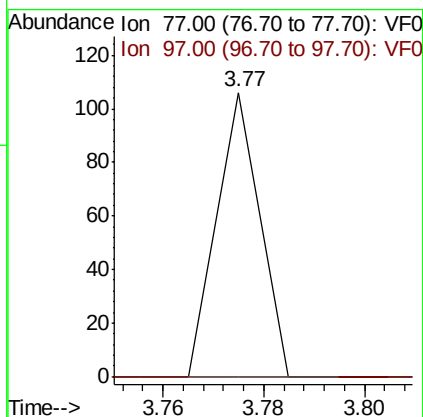
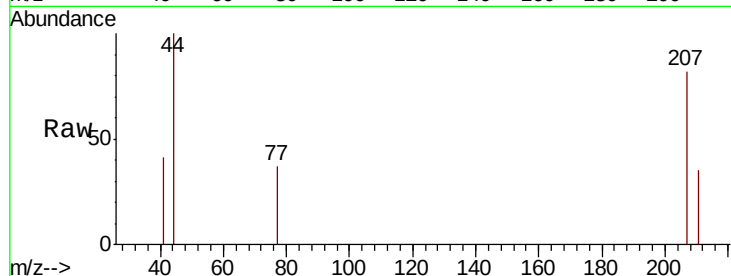




#26
2,2-Dichloropropane
Concen: 2.046 ug/l
RT: 3.77 min Scan# 319
Delta R.T. 0.01 min
Lab File: VF060212.D
Acq: 7 Sep 2018 16:03

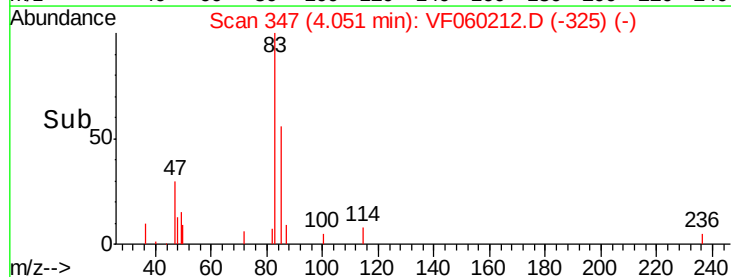
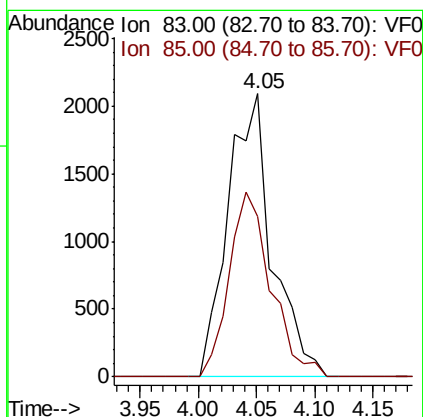
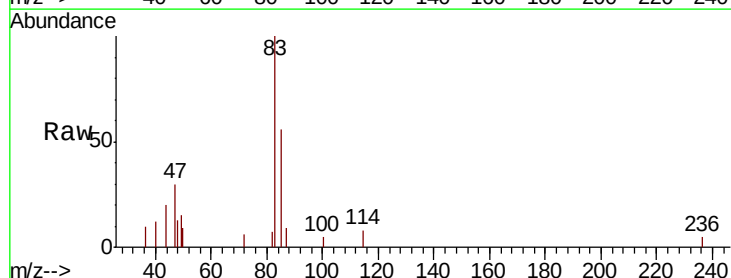
Instrument :
MSVOA_F
ClientSampleId :
EP1-MW-G(10-15)

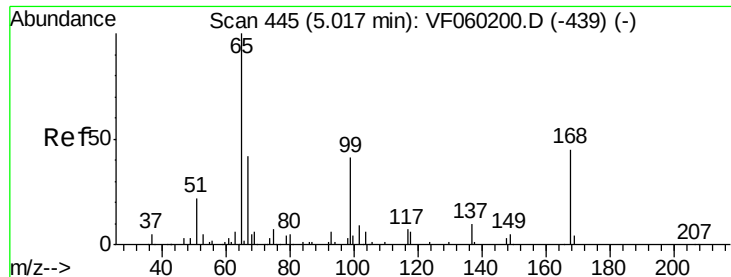
Tgt Ion: 77 Resp: 63
Ion Ratio Lower Upper
77 100
97 0.0 7.5 22.5#



#30
Chloroform
Concen: 1.031 ug/l
RT: 4.05 min Scan# 347
Delta R.T. 0.02 min
Lab File: VF060212.D
Acq: 7 Sep 2018 16:03

Tgt Ion: 83 Resp: 5479
Ion Ratio Lower Upper
83 100
85 56.5 52.6 79.0

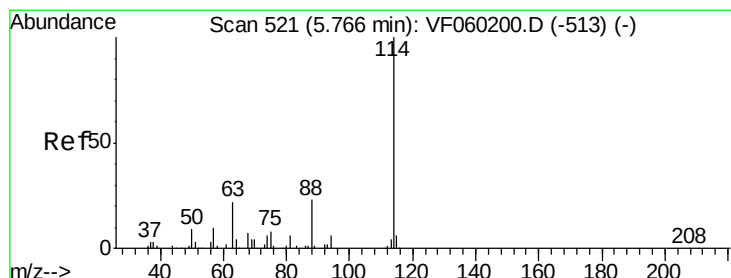
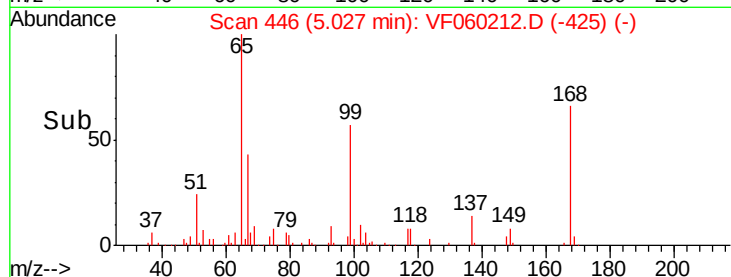
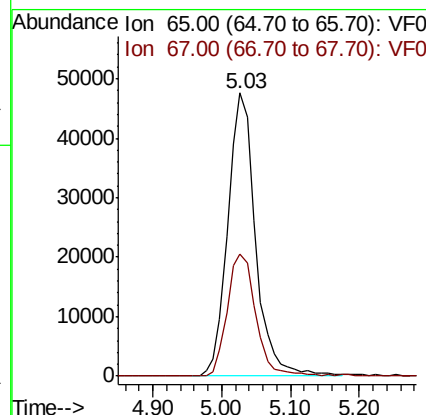
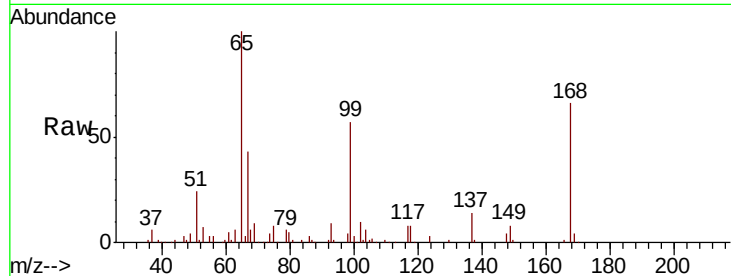




#33
 1,2-Dichloroethane-d4
 Concen: 36.828 ug/l
 RT: 5.03 min Scan# 446
 Delta R.T. 0.01 min
 Lab File: VF060212.D
 Acq: 7 Sep 2018 16:03

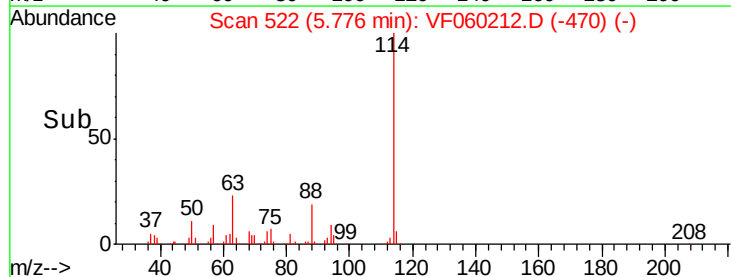
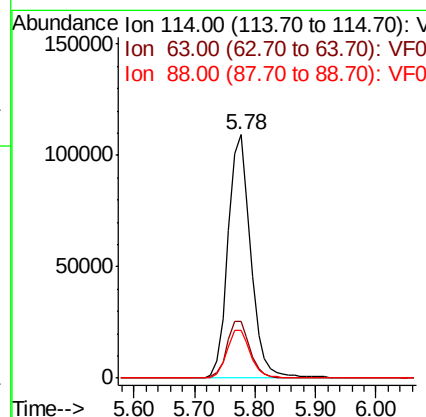
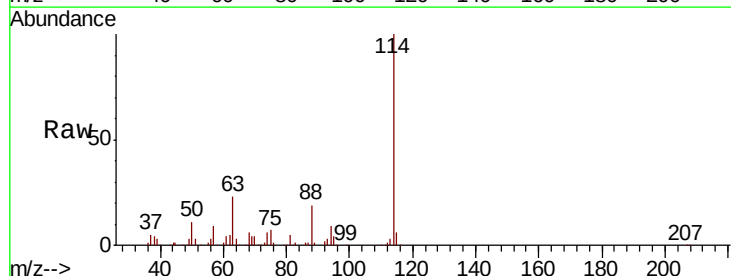
Instrument :
 MSVOA_F
 ClientSampleId :
 EP1-MW-G(10-15)

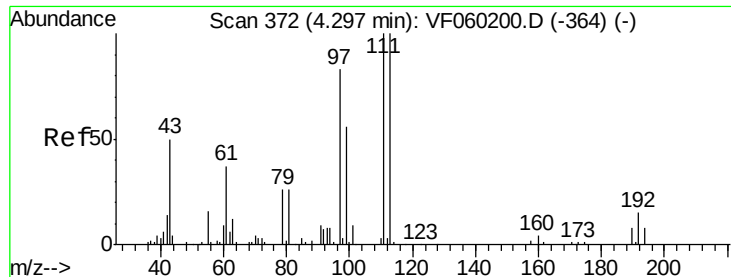
Tgt Ion: 65 Resp: 132825
 Ion Ratio Lower Upper
 65 100
 67 43.3 0.0 87.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.78 min Scan# 522
 Delta R.T. 0.01 min
 Lab File: VF060212.D
 Acq: 7 Sep 2018 16:03

Tgt Ion: 114 Resp: 285684
 Ion Ratio Lower Upper
 114 100
 63 23.5 0.0 45.6
 88 19.4 0.0 46.4





#35

Dibromofluoromethane

Concen: 36.659 ug/l

RT: 4.30 min Scan# 372

Delta R.T. 0.00 min

Lab File: VF060212.D

Acq: 7 Sep 2018 16:03

Instrument :

MSVOA_F

ClientSampleId :

EP1-MW-G(10-15)

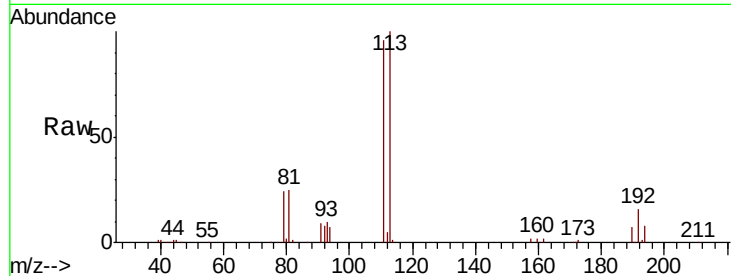
Tgt Ion:113 Resp: 102604

Ion Ratio Lower Upper

113 100

111 95.2 80.2 120.2

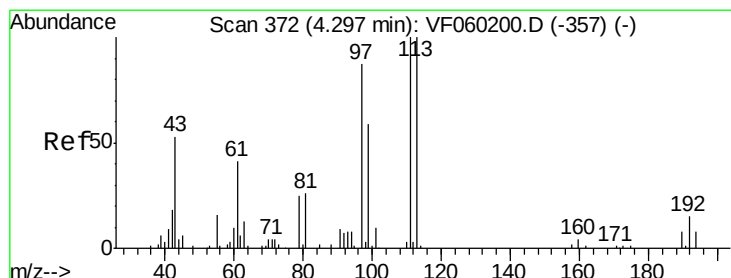
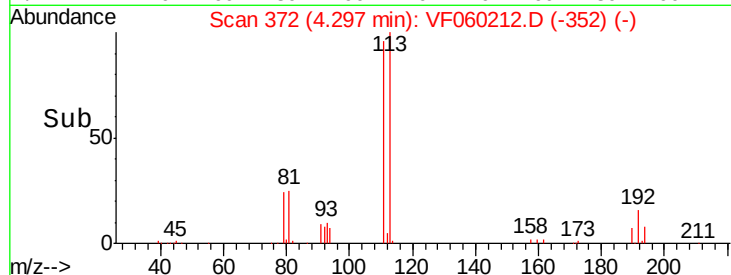
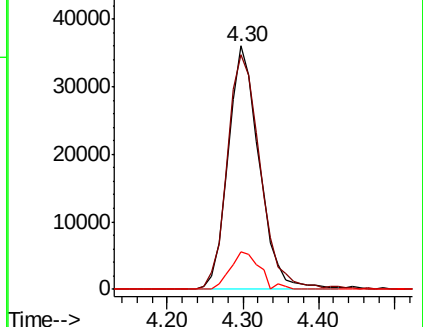
192 15.4 11.8 17.8



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: 4.33 min Scan# 375

Delta R.T. 0.03 min

Lab File: VF060212.D

Acq: 7 Sep 2018 16:03

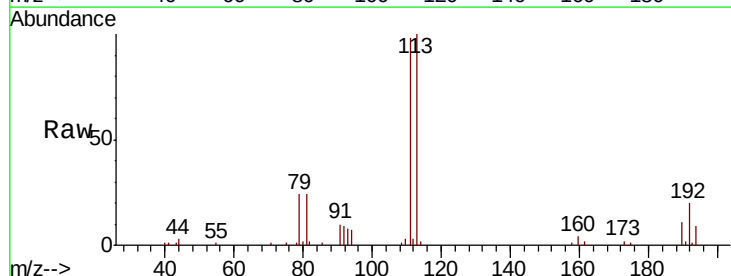
Tgt Ion: 43 Resp: 268

Ion Ratio Lower Upper

43 100

61 0.0 61.6 92.4#

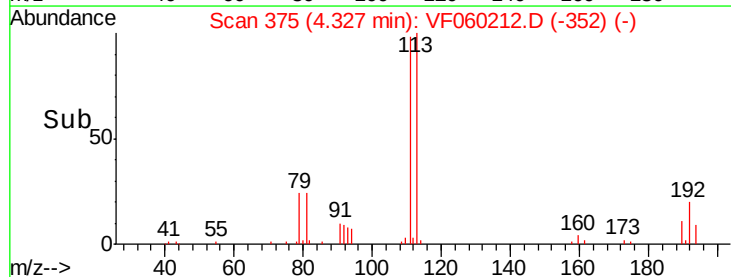
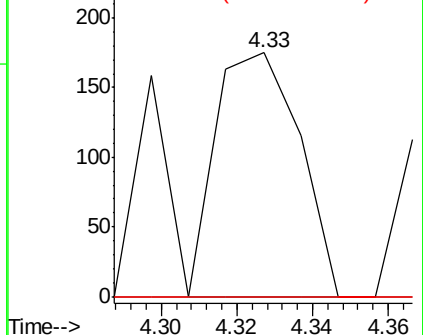
70 0.0 6.9 10.3#

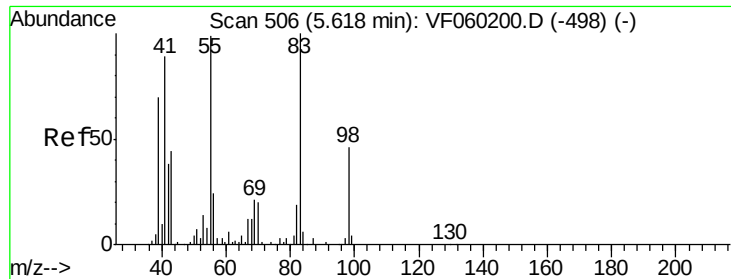


Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 61.00 (60.70 to 61.70): VF0

Ion 70.00 (69.70 to 70.70): VF0

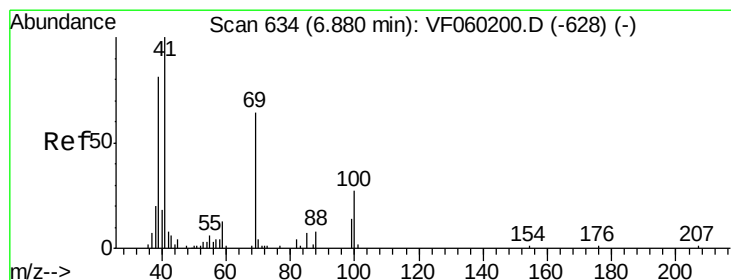
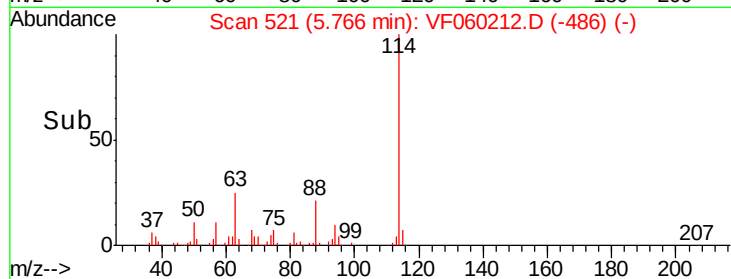
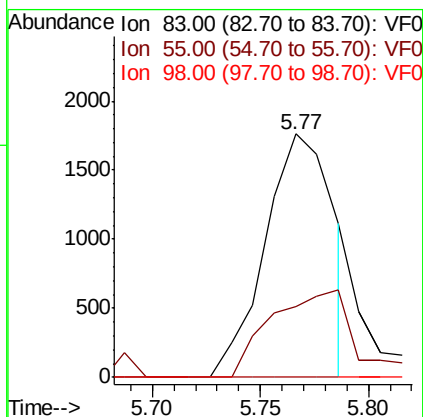
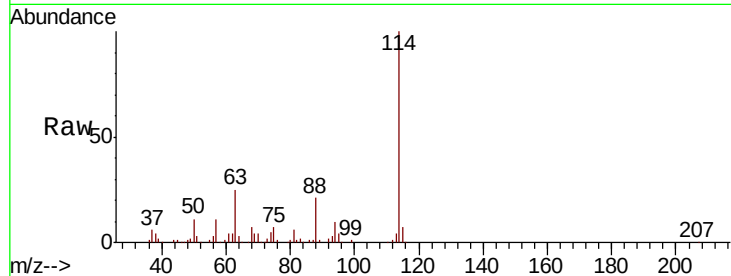




#39
Methylcyclohexane
Concen: 1.381 ug/l
RT: 5.77 min Scan# 521
Delta R.T. 0.15 min
Lab File: VF060212.D
Acq: 7 Sep 2018 16:03

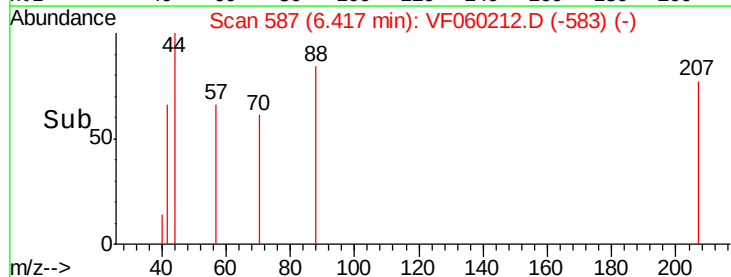
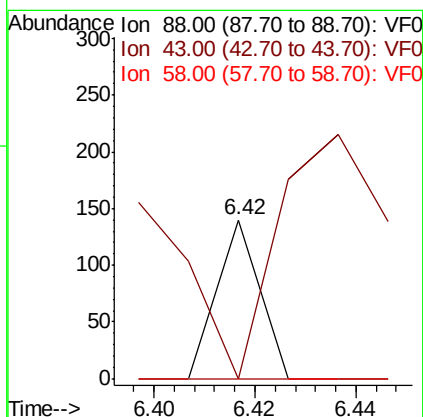
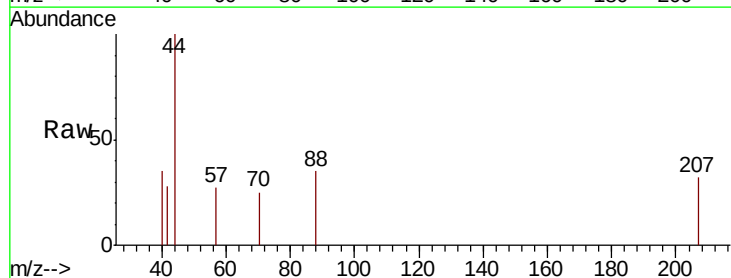
Instrument :
MSVOA_F
ClientSampleId :
EP1-MW-G(10-15)

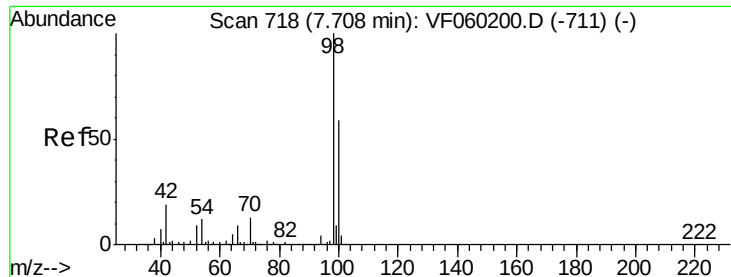
Tgt Ion: 83 Resp: 3889
Ion Ratio Lower Upper
83 100
55 29.0 79.0 118.4#
98 0.0 36.7 55.1#



#49
1,4-Dioxane
Concen: 3.636 ug/l
RT: 6.42 min Scan# 587
Delta R.T. -0.46 min
Lab File: VF060212.D
Acq: 7 Sep 2018 16:03

Tgt Ion: 88 Resp: 83
Ion Ratio Lower Upper
88 100
43 0.0 68.1 102.1#
58 0.0 38.1 57.1#

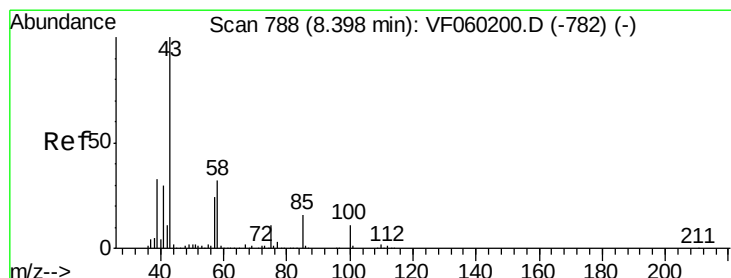
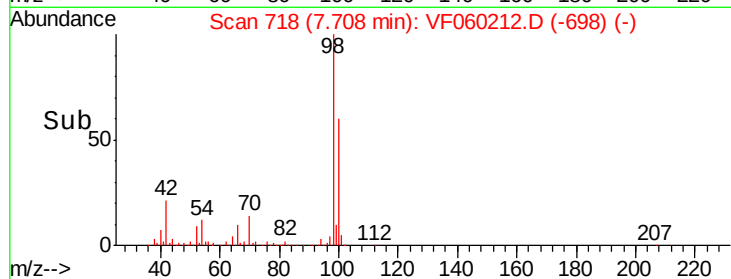
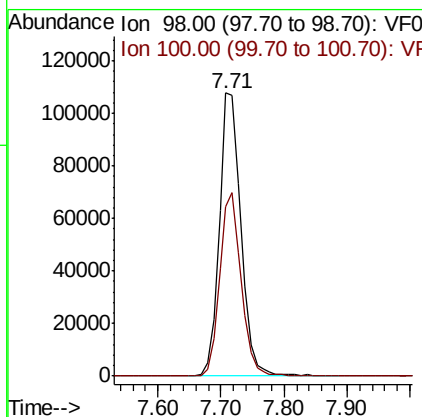
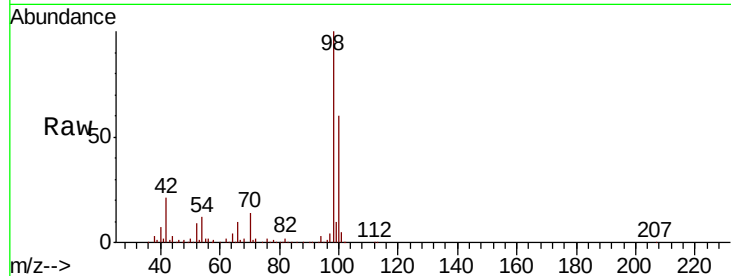




#50
Toluene-d8
Concen: 37.036 ug/l
RT: 7.71 min Scan# 718
Delta R.T. 0.00 min
Lab File: VF060212.D
Acq: 7 Sep 2018 16:03

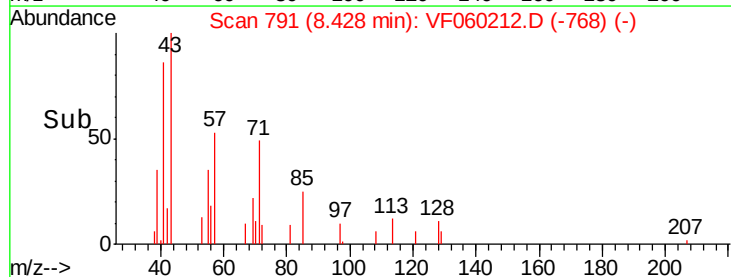
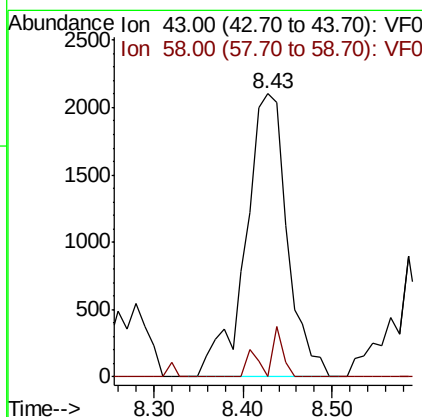
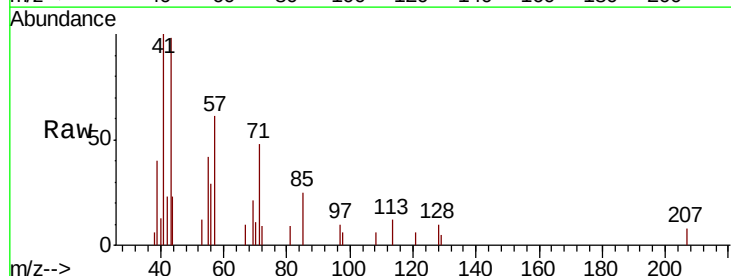
Instrument :
MSVOA_F
ClientSampleId :
EP1-MW-G(10-15)

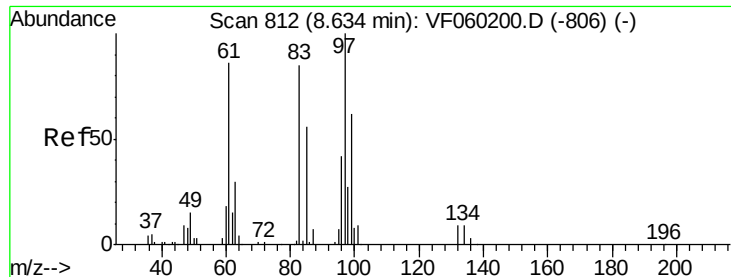
Tgt Ion: 98 Resp: 258676
Ion Ratio Lower Upper
98 100
100 59.7 47.4 71.0



#51
4-Methyl-2-Pentanone
Concen: 3.901 ug/l
RT: 8.43 min Scan# 791
Delta R.T. 0.03 min
Lab File: VF060212.D
Acq: 7 Sep 2018 16:03

Tgt Ion: 43 Resp: 6778
Ion Ratio Lower Upper
43 100
58 0.0 25.8 38.6#





#55

1,1,2-Trichloroethane

Concen: 1.379 ug/l

RT: 8.53 min Scan# 801

Delta R.T. -0.11 min

Lab File: VF060212.D

Acq: 7 Sep 2018 16:03

Instrument :

MSVOA_F

ClientSampleId :

EP1-MW-G(10-15)

Tgt Ion: 97 Resp: 2354

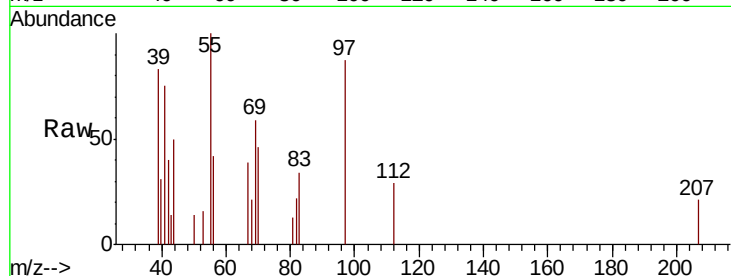
Ion Ratio Lower Upper

97 100

83 39.6 68.1 102.1#

85 0.0 44.6 66.8#

99 0.0 49.8 74.8#

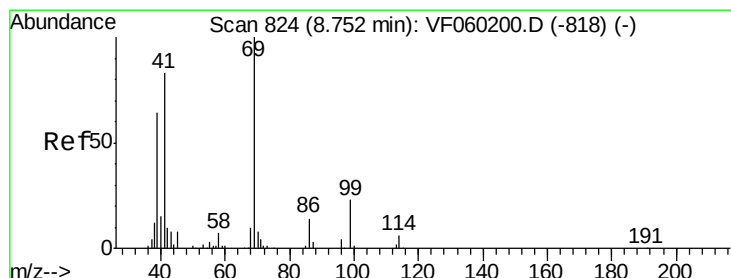
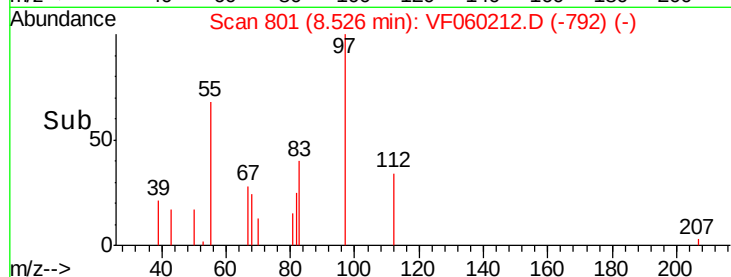
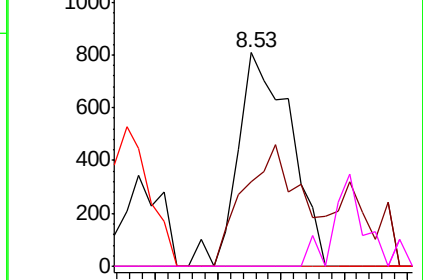


Abundance Ion 97.00 (96.70 to 97.70): VF0

Ion 82.95 (82.65 to 83.65): VF0

Ion 84.95 (84.65 to 85.65): VF0

Ion 98.95 (98.65 to 99.65): VF0



#56

Ethyl methacrylate

Concen: 5.056 ug/l

RT: 8.77 min Scan# 826

Delta R.T. 0.02 min

Lab File: VF060212.D

Acq: 7 Sep 2018 16:03

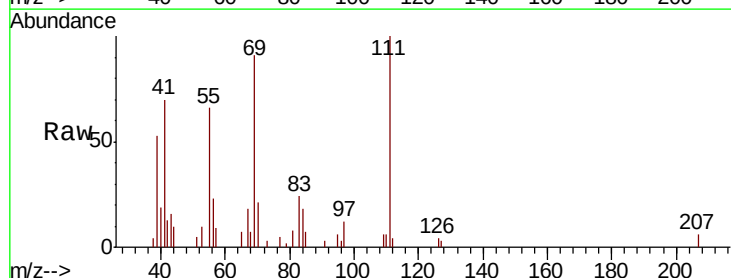
Tgt Ion: 69 Resp: 9864

Ion Ratio Lower Upper

69 100

41 77.0 66.6 100.0

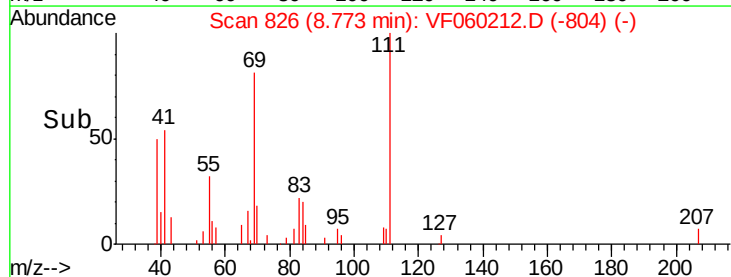
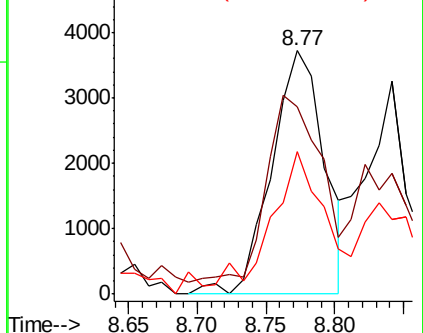
39 58.3 51.5 77.3

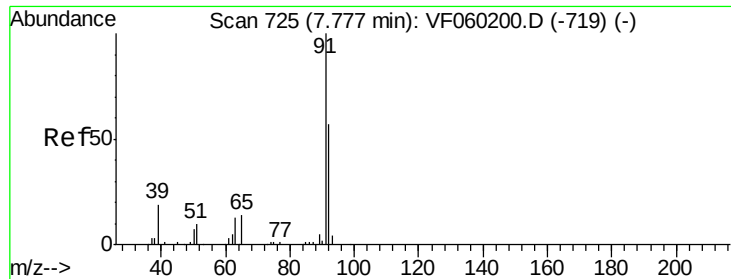


Abundance Ion 69.00 (68.70 to 69.70): VF0

Ion 41.00 (40.70 to 41.70): VF0

Ion 39.00 (38.70 to 39.70): VF0

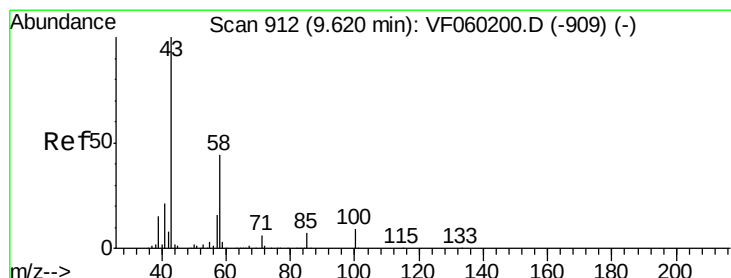
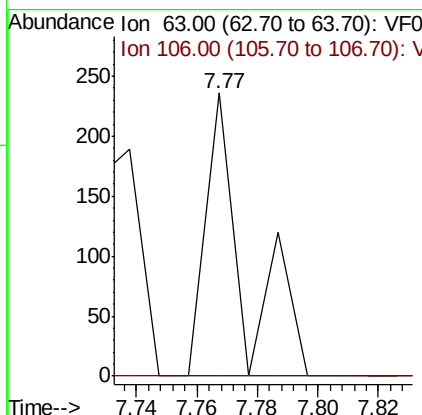
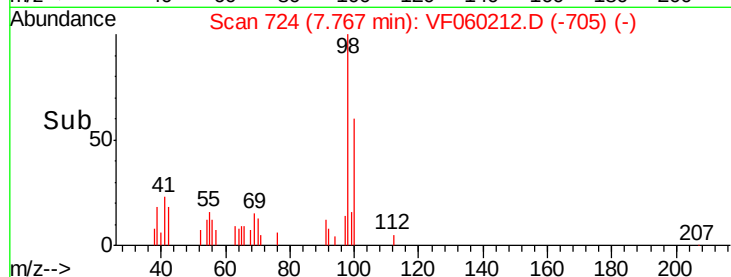
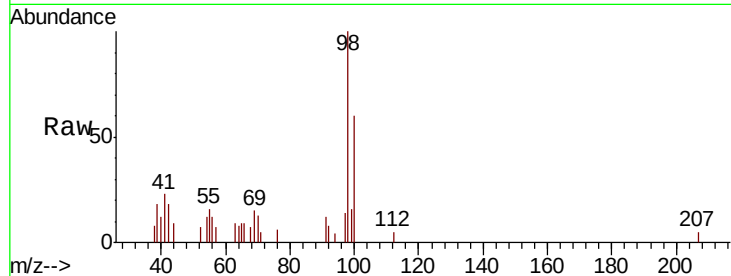




#58
2-Chloroethyl Vinyl ether
Concen: 1.006 ug/l
RT: 7.77 min Scan# 724
Delta R.T. -0.01 min
Lab File: VF060212.D
Acq: 7 Sep 2018 16:03

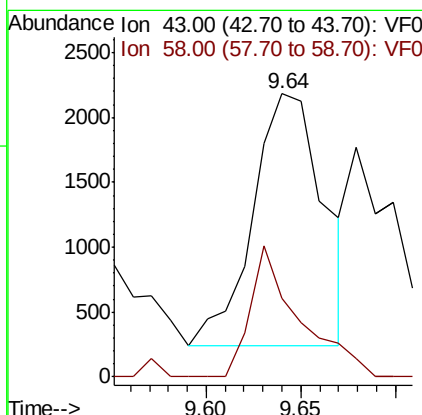
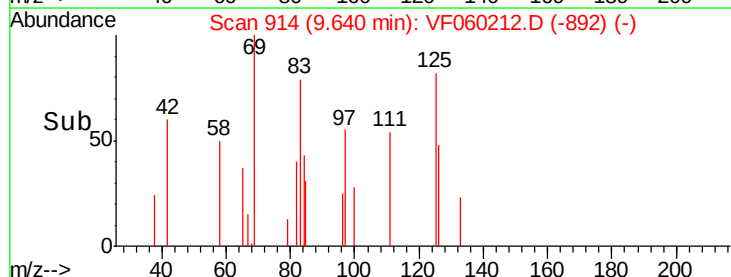
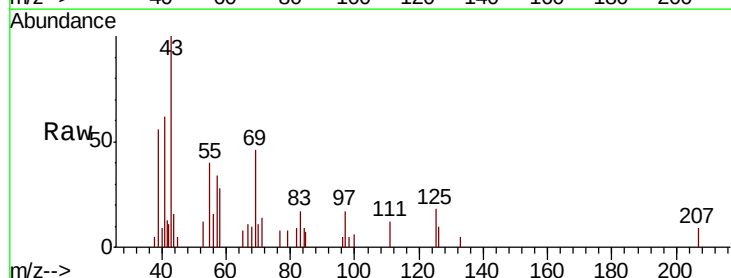
Instrument :
MSVOA_F
ClientSampleId :
EP1-MW-G(10-15)

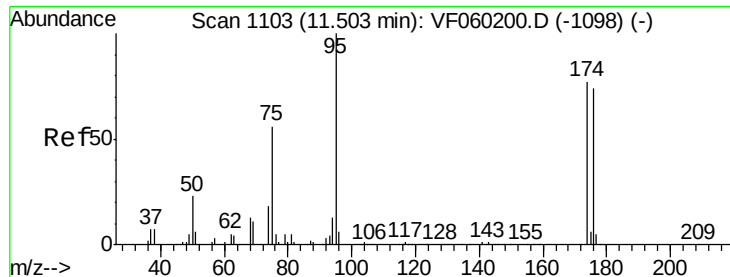
Tgt Ion: 63 Resp: 211
Ion Ratio Lower Upper
63 100
106 0.0 0.0 0.0



#59
2-Hexanone
Concen: 2.729 ug/l
RT: 9.64 min Scan# 914
Delta R.T. 0.02 min
Lab File: VF060212.D
Acq: 7 Sep 2018 16:03

Tgt Ion: 43 Resp: 5055
Ion Ratio Lower Upper
43 100
58 27.7 20.8 62.5





#62

4-Bromofluorobenzene

Concen: 42.377 ug/l

RT: 11.51 min Scan# 1104

Delta R.T. 0.01 min

Lab File: VF060212.D

Acq: 7 Sep 2018 16:03

Instrument :

MSVOA_F

ClientSampleId :

EP1-MW-G(10-15)

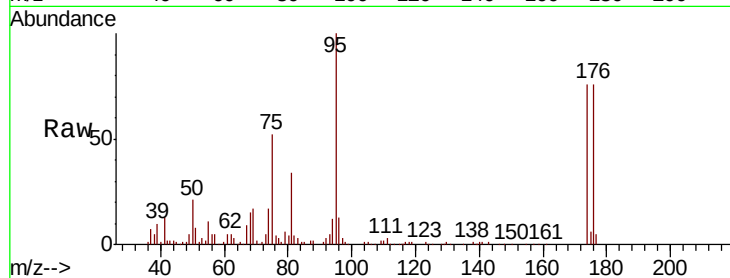
Tgt Ion: 95 Resp: 166997

Ion Ratio Lower Upper

95 100

174 75.8 0.0 153.2

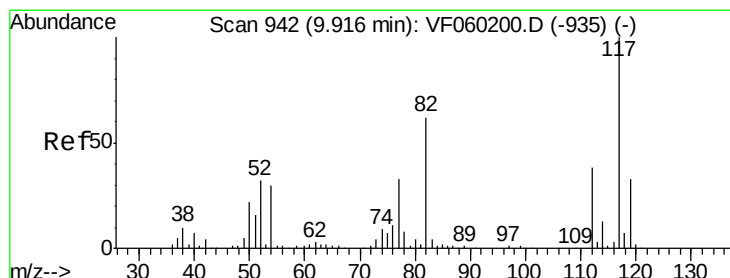
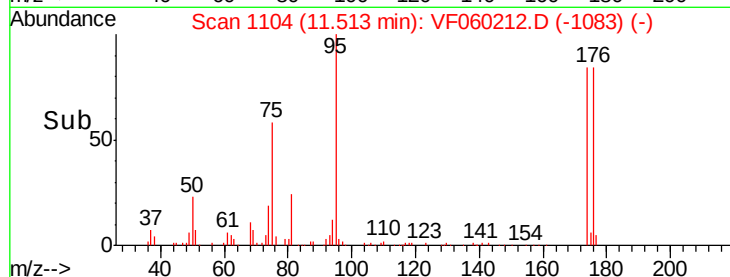
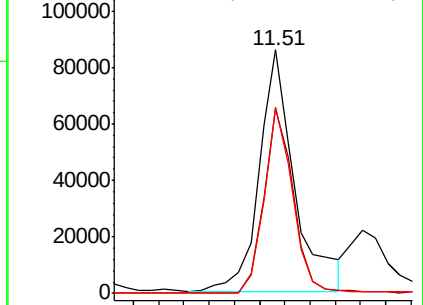
176 76.2 0.0 147.2



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: 50.000 ug/l

RT: 9.93 min Scan# 943

Delta R.T. 0.01 min

Lab File: VF060212.D

Acq: 7 Sep 2018 16:03

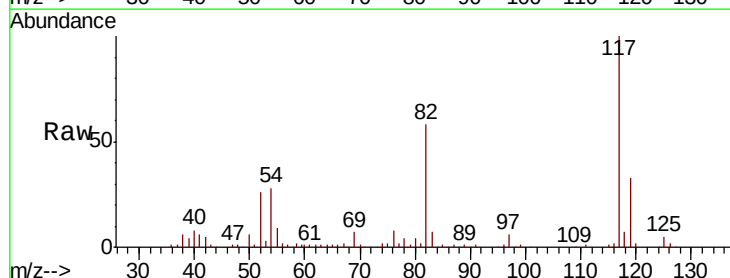
Tgt Ion: 117 Resp: 290387

Ion Ratio Lower Upper

117 100

82 57.6 49.3 73.9

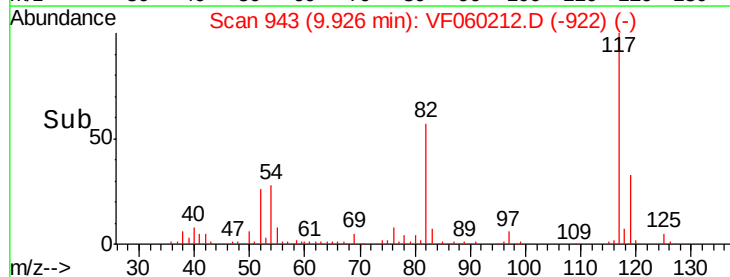
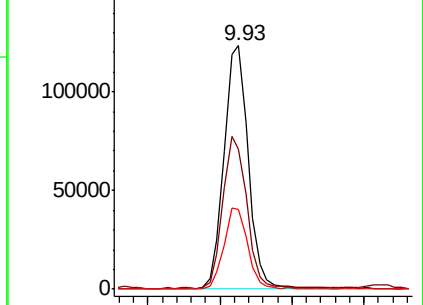
119 33.0 26.5 39.7

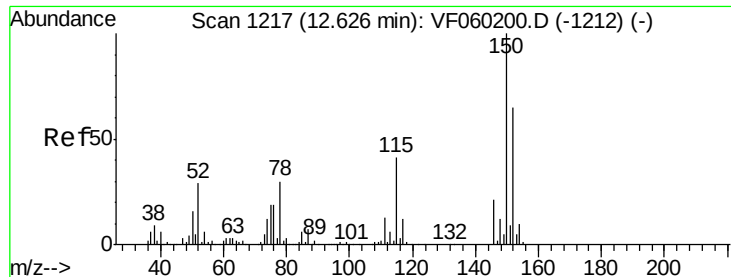


Abundance Ion 117.00 (116.70 to 117.70): V

Ion 82.00 (81.70 to 82.70): VF0

Ion 119.00 (118.70 to 119.70): V





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.64 min Scan# 1218

Delta R.T. 0.01 min

Lab File: VF060212.D

Acq: 7 Sep 2018 16:03

Instrument :

MSVOA_F

ClientSampleId :

EP1-MW-G(10-15)

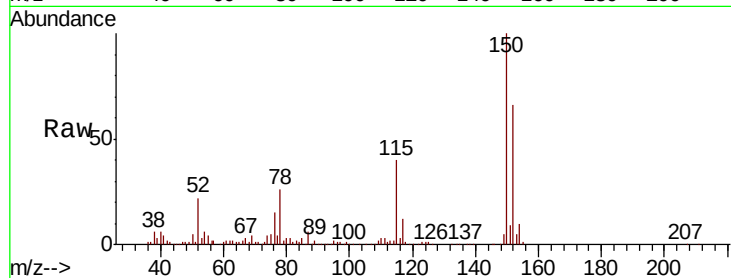
Tgt Ion:152 Resp: 174096

Ion Ratio Lower Upper

152 100

115 59.6 31.5 94.5

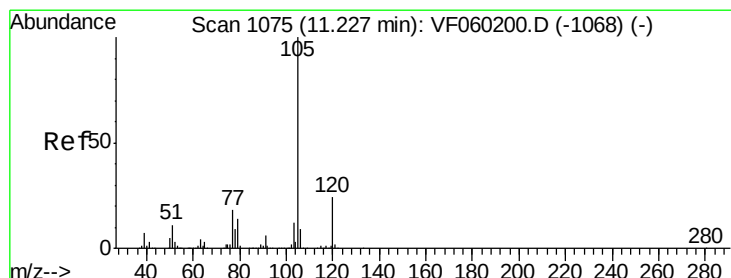
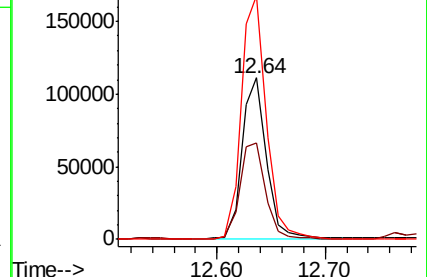
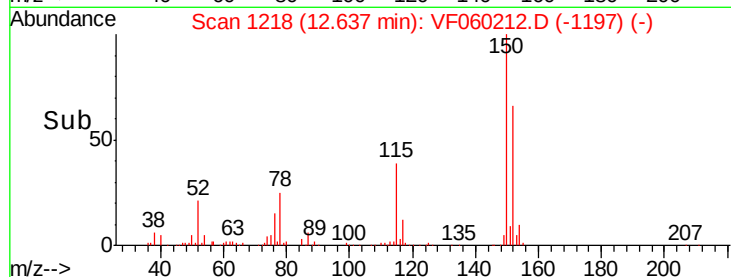
150 150.9 0.0 310.4



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: 8.690 ug/l

RT: 11.23 min Scan# 1075

Delta R.T. 0.00 min

Lab File: VF060212.D

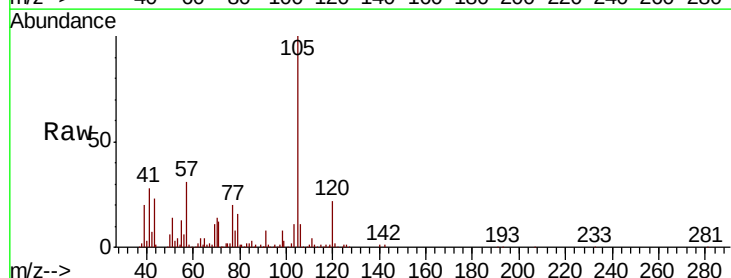
Acq: 7 Sep 2018 16:03

Tgt Ion:105 Resp: 104360

Ion Ratio Lower Upper

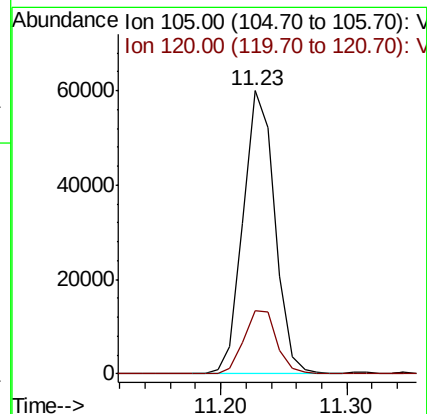
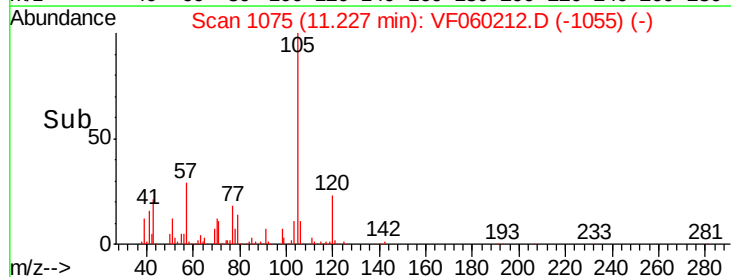
105 100

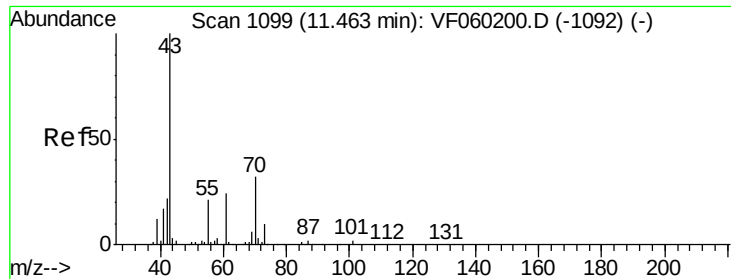
120 22.5 11.8 35.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#74

N-amyI acetate

Concen: 7.193 ug/l

RT: 11.49 min Scan# 1102

Delta R.T. 0.03 min

Lab File: VF060212.D

Acq: 7 Sep 2018 16:03

Instrument :

MSVOA_F

ClientSampleId :

EP1-MW-G(10-15)

Tgt Ion: 43 Resp: 6341

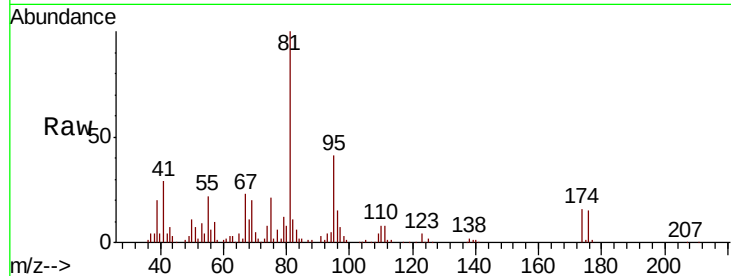
Ion Ratio Lower Upper

43 100

70 70.9 25.8 38.6#

55 331.2 16.8 25.2#

61 25.2 18.9 28.3

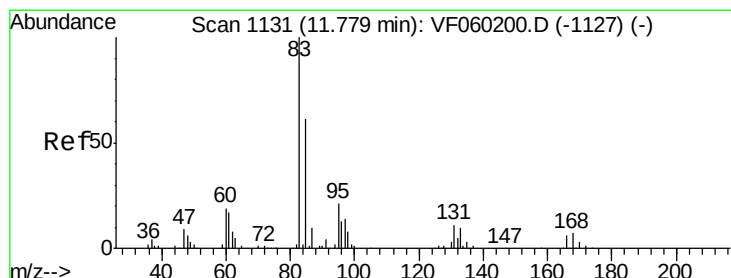
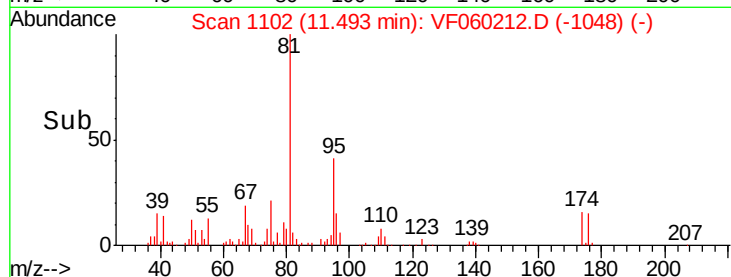
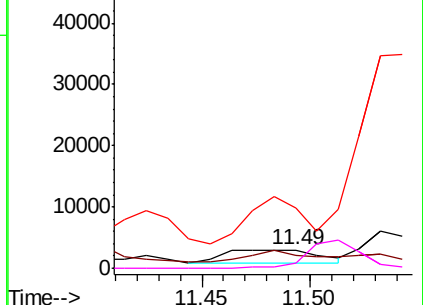


Abundance Ion 43.00 (42.70 to 43.70): VF0

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: 14.683 ug/l

RT: 11.77 min Scan# 1130

Delta R.T. -0.01 min

Lab File: VF060212.D

Acq: 7 Sep 2018 16:03

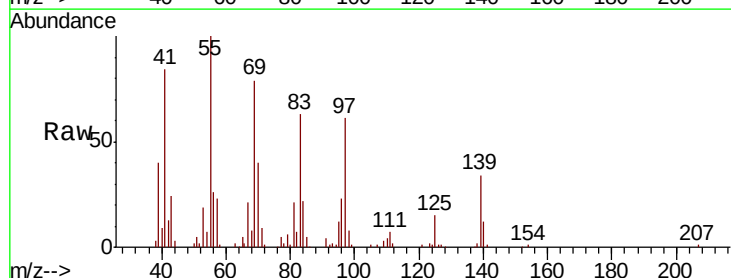
Tgt Ion: 83 Resp: 26516

Ion Ratio Lower Upper

83 100

131 0.0 5.5 16.4#

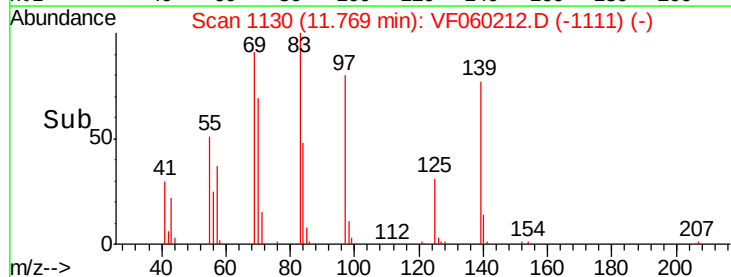
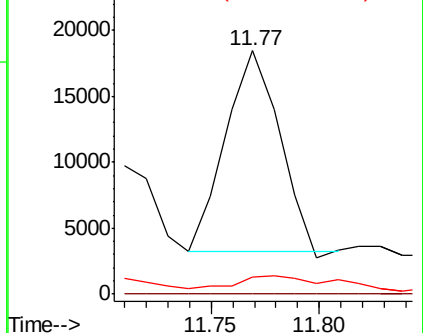
85 7.2 31.1 93.5#

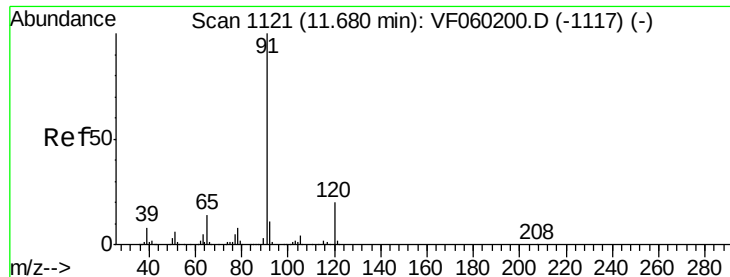


Abundance Ion 83.00 (82.70 to 83.70): VF0

Ion 131.00 (130.70 to 131.70): V

Ion 85.00 (84.70 to 85.70): VF0





#78

n-propylbenzene

Concen: 8.299 ug/l

RT: 11.69 min Scan# 1122

Delta R.T. 0.01 min

Lab File: VF060212.D

Acq: 7 Sep 2018 16:03

Instrument :

MSVOA_F

ClientSampleId :

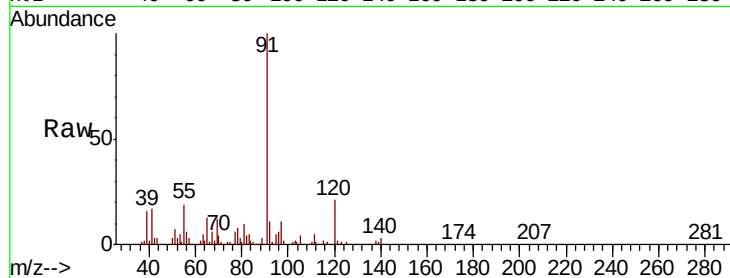
EP1-MW-G(10-15)

Tgt Ion: 91 Resp: 119423

Ion Ratio Lower Upper

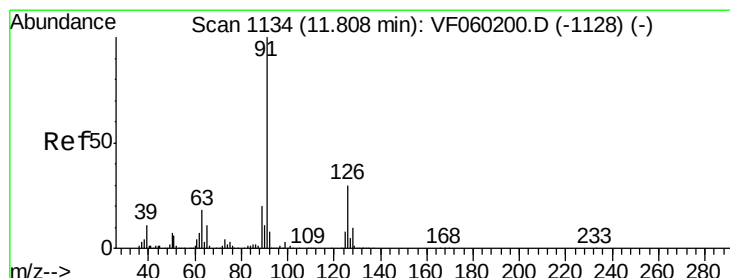
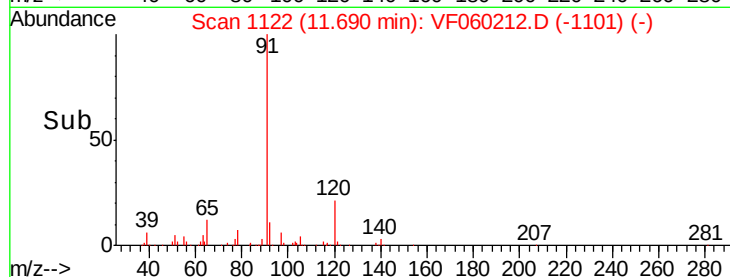
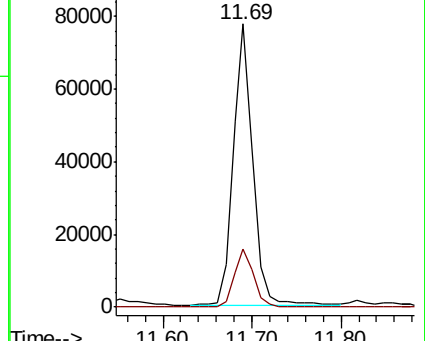
91 100

120 20.6 9.8 29.4



Abundance Ion 91.00 (90.70 to 91.70): VF0

Ion 120.00 (119.70 to 120.70): V



#79

2-Chlorotoluene

Concen: 13.737 ug/l

RT: 11.69 min Scan# 1122

Delta R.T. -0.12 min

Lab File: VF060212.D

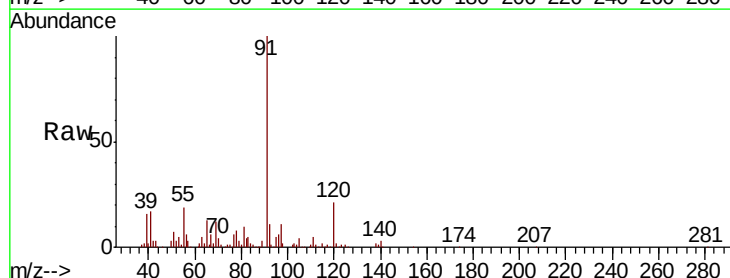
Acq: 7 Sep 2018 16:03

Tgt Ion: 91 Resp: 119423

Ion Ratio Lower Upper

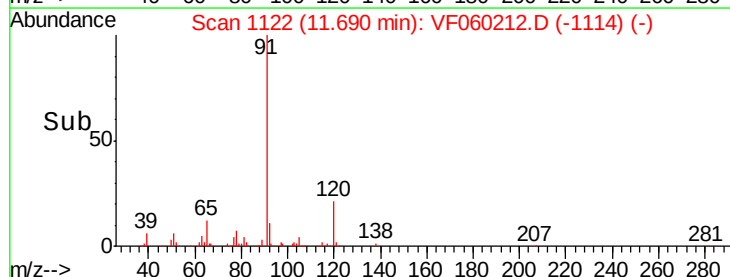
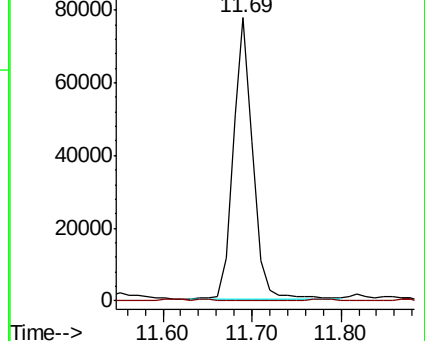
91 100

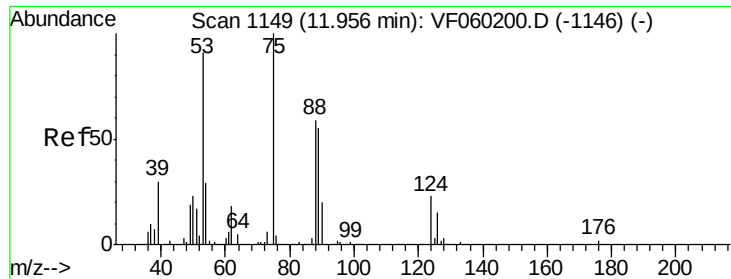
126 0.2 15.2 45.5#



Abundance Ion 91.00 (90.70 to 91.70): VF0

Ion 126.00 (125.70 to 126.70): V

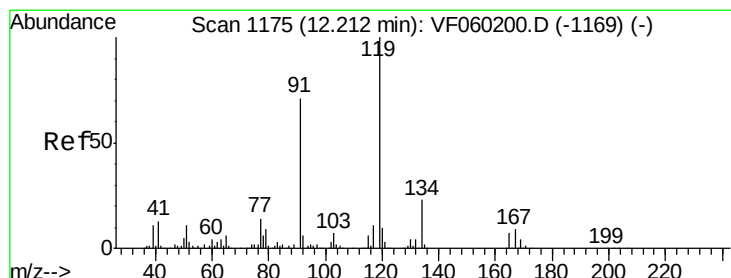
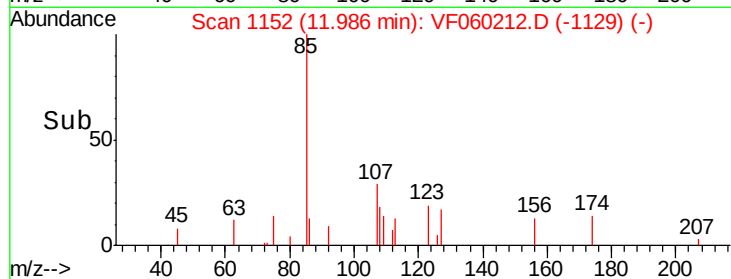
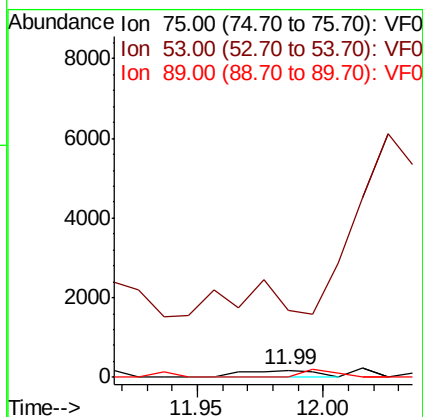
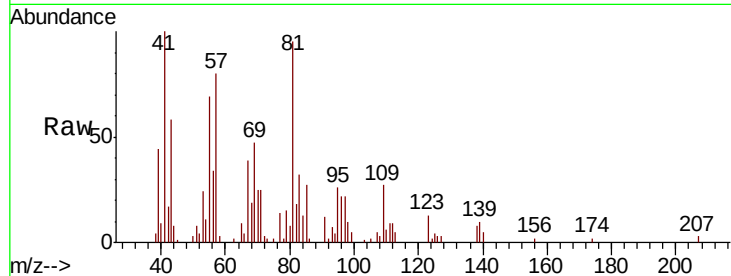




#81
trans-1,4-Dichloro-2-butene
Concen: 3.303 ug/l
RT: 11.99 min Scan# 1152
Delta R.T. 0.03 min
Lab File: VF060212.D
Acq: 7 Sep 2018 16:03

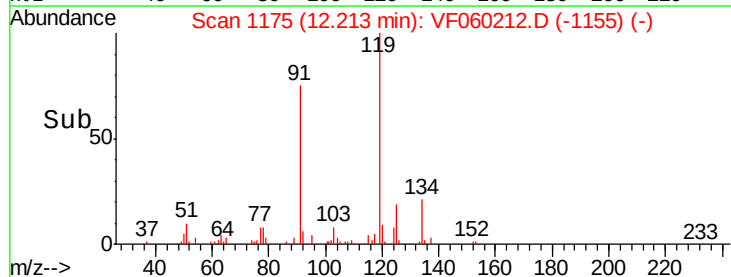
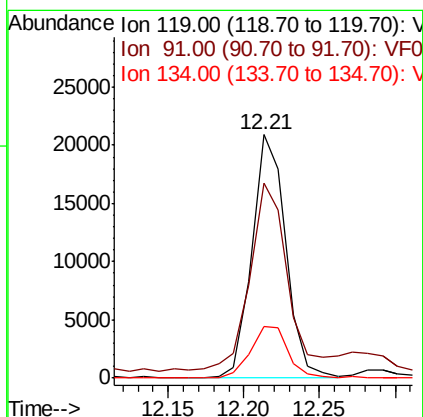
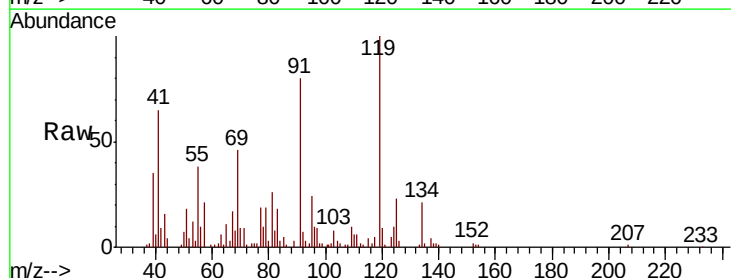
Instrument :
MSVOA_F
ClientSampleId :
EP1-MW-G(10-15)

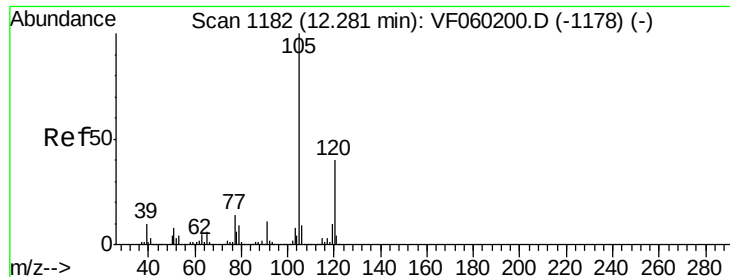
Tgt Ion: 75 Resp: 358
Ion Ratio Lower Upper
75 100
53 979.2 76.5 114.7#
89 0.0 46.5 69.7#



#83
tert-Butylbenzene
Concen: 3.388 ug/l
RT: 12.21 min Scan# 1175
Delta R.T. 0.00 min
Lab File: VF060212.D
Acq: 7 Sep 2018 16:03

Tgt Ion: 119 Resp: 32730
Ion Ratio Lower Upper
119 100
91 80.3 35.8 107.4
134 21.0 11.6 34.7

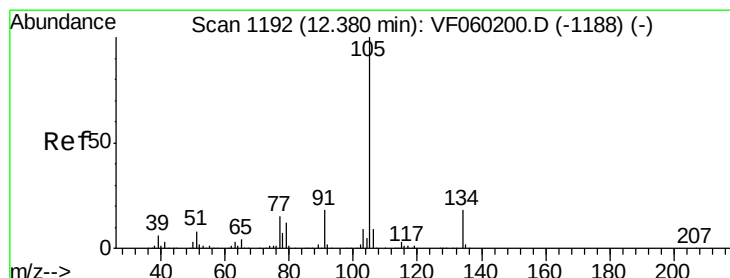
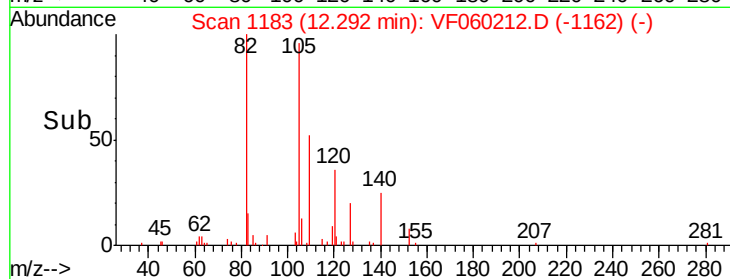
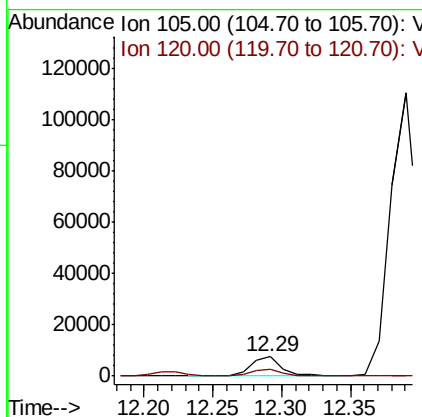
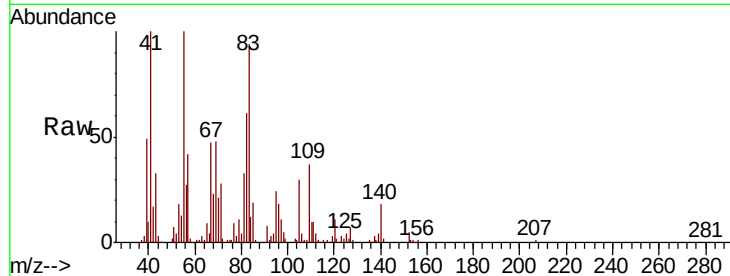




#84
 1,2,4-Trimethylbenzene
 Concen: 1.033 ug/l
 RT: 12.29 min Scan# 1183
 Delta R.T. 0.01 min
 Lab File: VF060212.D
 Acq: 7 Sep 2018 16:03

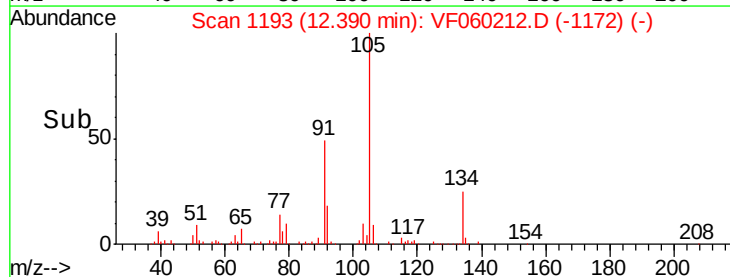
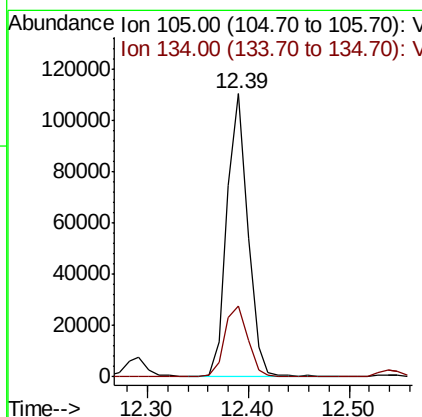
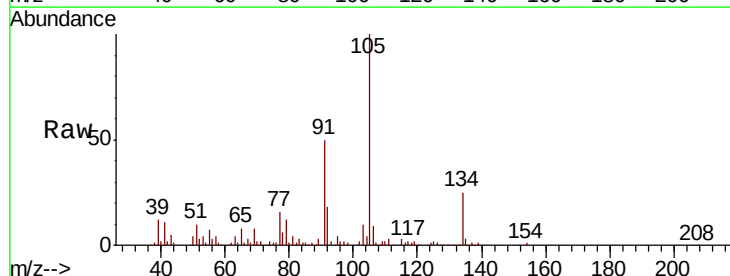
Instrument :
 MSVOA_F
 ClientSampleId :
 EP1-MW-G(10-15)

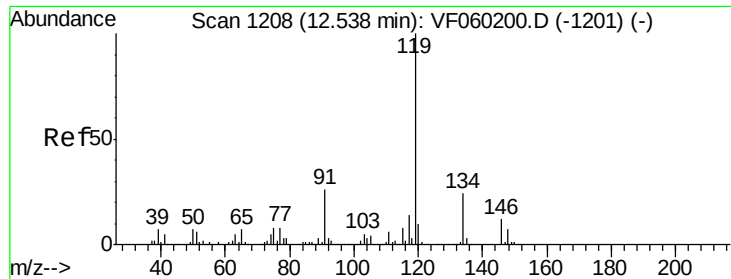
Tgt Ion:105 Resp: 11123
 Ion Ratio Lower Upper
 105 100
 120 36.7 20.2 60.5



#85
 sec-Butylbenzene
 Concen: 11.888 ug/l
 RT: 12.39 min Scan# 1193
 Delta R.T. 0.01 min
 Lab File: VF060212.D
 Acq: 7 Sep 2018 16:03

Tgt Ion:105 Resp: 158417
 Ion Ratio Lower Upper
 105 100
 134 25.0 8.8 26.5

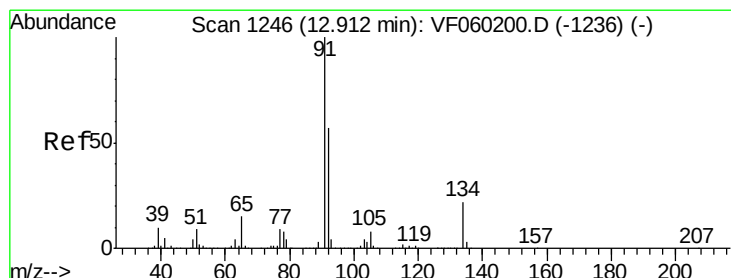
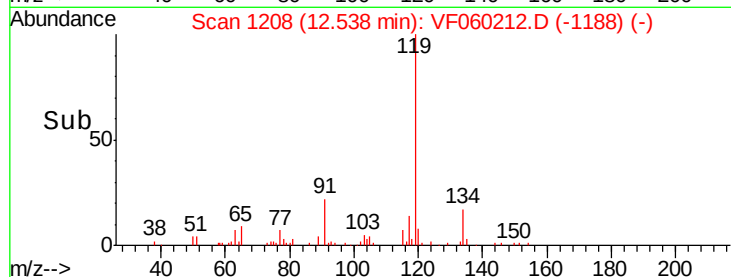
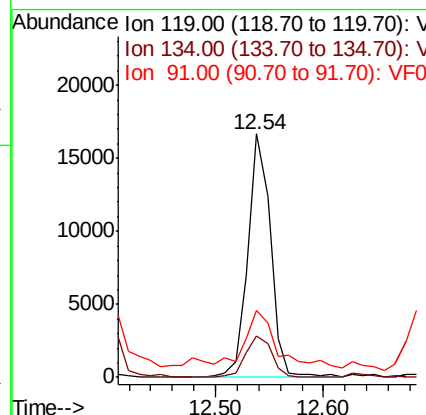
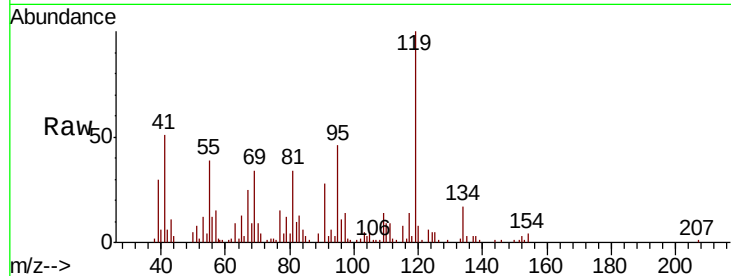




#86
 p-Isopropyltoluene
 Concen: 2.060 ug/l
 RT: 12.54 min Scan# 1208
 Delta R.T. 0.00 min
 Lab File: VF060212.D
 Acq: 7 Sep 2018 16:03

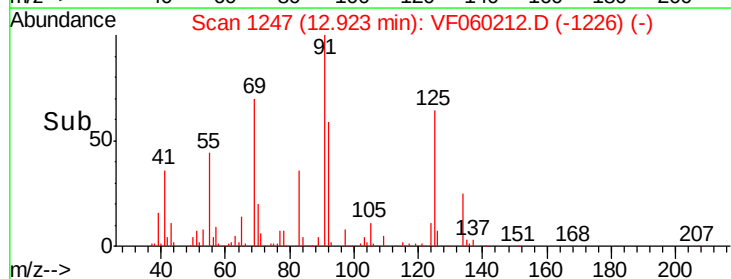
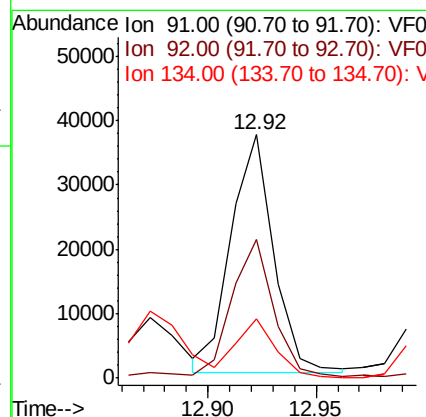
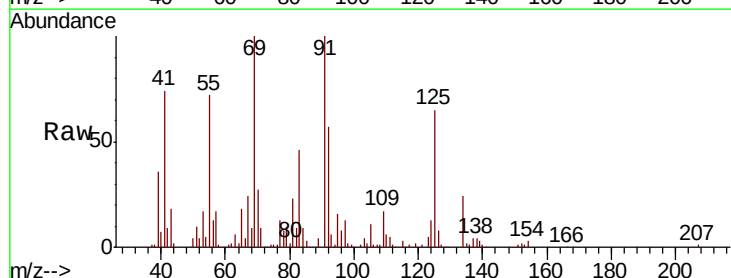
Instrument :
 MSVOA_F
 ClientSampleId :
 EP1-MW-G(10-15)

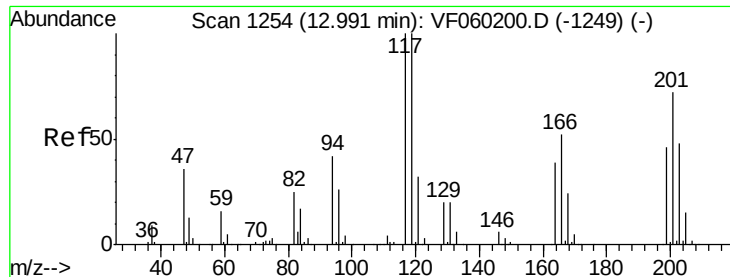
Tgt Ion: 119 Resp: 24373
 Ion Ratio Lower Upper
 119 100
 134 17.1 12.0 36.0
 91 27.7 12.9 38.7



#89
 n-Butylbenzene
 Concen: 4.444 ug/l
 RT: 12.92 min Scan# 1247
 Delta R.T. 0.01 min
 Lab File: VF060212.D
 Acq: 7 Sep 2018 16:03

Tgt Ion: 91 Resp: 50856
 Ion Ratio Lower Upper
 91 100
 92 57.0 28.4 85.3
 134 24.3 11.1 33.3





#90

Hexachloroethane

Concen: 4.380 ug/l

RT: 13.00 min Scan# 1255

Delta R.T. 0.01 min

Lab File: VF060212.D

Acq: 7 Sep 2018 16:03

Instrument :

MSVOA_F

ClientSampleId :

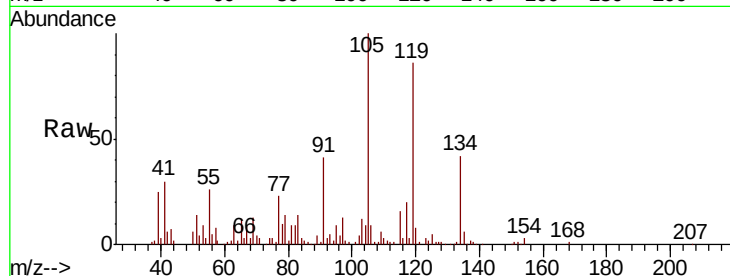
EP1-MW-G(10-15)

Tgt Ion: 117 Resp: 10508

Ion Ratio Lower Upper

117 100

201 0.0 35.7 107.1#



Abundance Ion 117.00 (116.70 to 117.70): V

Ion 201.00 (200.70 to 201.70): V

8000

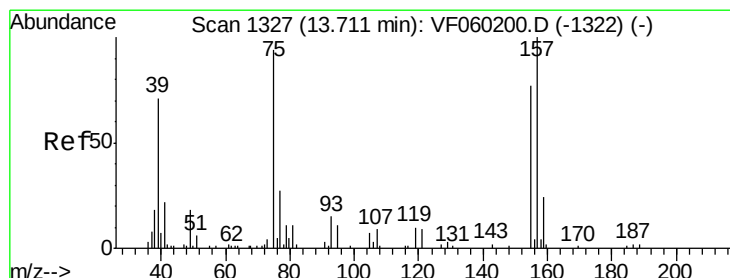
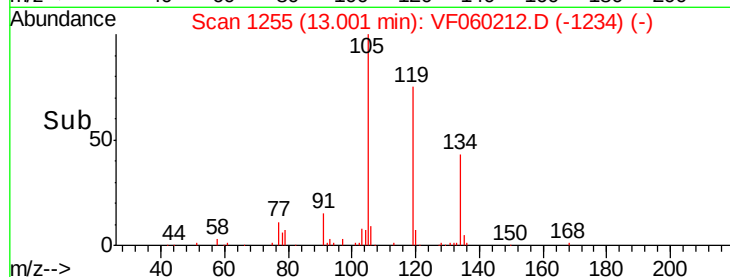
6000

4000

2000

0

Time-->



#92

1,2-Dibromo-3-Chloropropane

Concen: 1.829 ug/l

RT: 13.70 min Scan# 1326

Delta R.T. -0.01 min

Lab File: VF060212.D

Acq: 7 Sep 2018 16:03

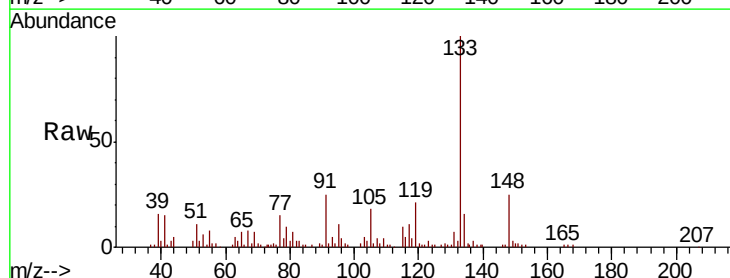
Tgt Ion: 75 Resp: 843

Ion Ratio Lower Upper

75 100

155 0.0 40.8 122.5#

157 0.0 53.3 159.9#



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

800

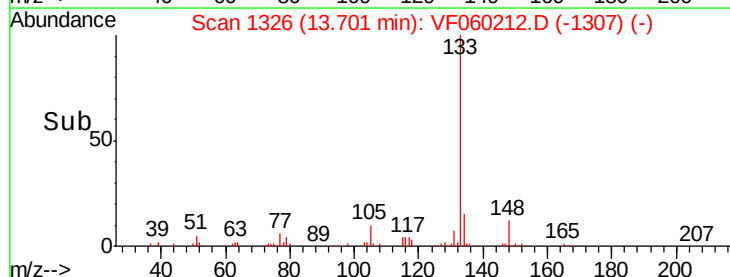
600

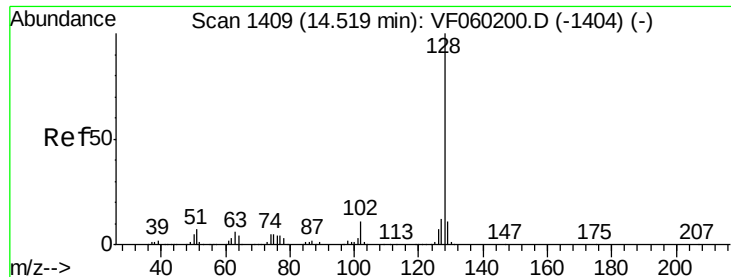
400

200

0

Time-->





#95
 Naphthalene
 Concen: 3.296 ug/l
 RT: 14.53 min Scan# 1410
 Delta R.T. 0.01 min
 Lab File: VF060212.D
 Acq: 7 Sep 2018 16:03

Instrument :
 MSVOA_F
 ClientSampleId :
 EP1-MW-G(10-15)

Tgt Ion	Ratio	Lower	Upper
128	100		
127	23.7	9.9	14.9#
129	20.0	8.9	13.3#

