

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF091018\
 Data File : VF060245.D
 Acq On : 10 Sep 2018 20:00
 Operator : VA/AP
 Sample : J4803-21
 Misc : 5.62/5mL/MSVOA F/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 EP1-Q2-FD-01

Quant Time: Sep 11 07:19:18 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	176343	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.78	114	266538	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.93	117	164476	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.65	152	125604	50.00	ug/l	0.02

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.03	65	114698	37.23	ug/l	0.00
Spiked Amount	50.000		Recovery	=	74.46%	
35) Dibromofluoromethane	4.30	113	102355	39.20	ug/l	0.00
Spiked Amount	50.000		Recovery	=	78.40%	
50) Toluene-d8	7.72	98	177038	27.17	ug/l	0.00
Spiked Amount	50.000		Recovery	=	54.34%	
62) 4-Bromofluorobenzene	11.52	95	230101	62.58	ug/l	0.02
Spiked Amount	50.000		Recovery	=	125.16%	

Target Compounds						Qvalue
5) Bromomethane	1.35	94	1366	1.12	ug/l #	2
11) Tert butyl alcohol	2.68	59	256	13.86	ug/l #	75
13) Acrolein	2.08	56	72	Below	Cal #	49
16) Acetone	2.35	43	15993	29.19	ug/l	96
18) Methyl Acetate	2.45	43	5413	5.20	ug/l	93
20) Methylene Chloride	2.29	84	4927	Below	Cal	90
23) Vinyl Acetate	3.36	43	66	22.83	ug/l #	82
25) 2-Butanone	4.51	43	1619	1.87	ug/l	96
29) Tetrahydrofuran	4.25	42	288	1.01	ug/l #	63
37) Ethyl Acetate	4.30	43	388	Below	Cal #	17
39) Methylcyclohexane	5.78	83	3598	1.37	ug/l #	33
49) 1,4-Dioxane	6.90	88	76	3.57	ug/l #	15
51) 4-Methyl-2-Pentanone	8.43	43	36492	22.51	ug/l #	50
56) Ethyl methacrylate	8.78	69	155579	85.48	ug/l #	78
59) 2-Hexanone	9.69	43	35143	27.94	ug/l #	45
64) Tetrachloroethene	8.31	164	1877	Below	Cal #	85
65) Chlorobenzene	9.91	112	5507	1.62	ug/l #	43
74) N-amyl acetate	11.51	43	201771	110.54	ug/l #	25
75) 1,1,2,2-Tetrachloroethane	11.79	83	322921	247.85	ug/l #	40
76) 1,2,3-Trichloropropane	11.82	75	2986	2.16	ug/l #	1
79) 2-Chlorotoluene	11.83	91	31347	5.00	ug/l	75
80) 1,3,5-Trimethylbenzene	11.94	105	3731090	487.84	ug/l	87
81) trans-1,4-Dichloro-2-buten	11.94	75	53678	160.54	ug/l #	1
82) 4-Chlorotoluene	12.06	91	28259	4.06	ug/l	97
83) tert-Butylbenzene	12.23	119	288677	41.42	ug/l	91
84) 1,2,4-Trimethylbenzene	12.30	105	19297	2.48	ug/l	95
85) sec-Butylbenzene	12.30	105	19297	2.01	ug/l #	60
86) p-Isopropyltoluene	12.53	119	3527970	413.24	ug/l	88
89) n-Butylbenzene	12.93	91	1545736	187.20	ug/l #	1
90) Hexachloroethane	13.02	117	220257	127.27	ug/l #	14
92) 1,2-Dibromo-3-Chloropropan	13.72	75	30933	93.04	ug/l #	4
95) Naphthalene	14.53	128	54096	13.40	ug/l #	11

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Quant Title : SW846 8260
QLast Update : Fri Sep 07 10:44:05 2018
Response via : Initial Calibration

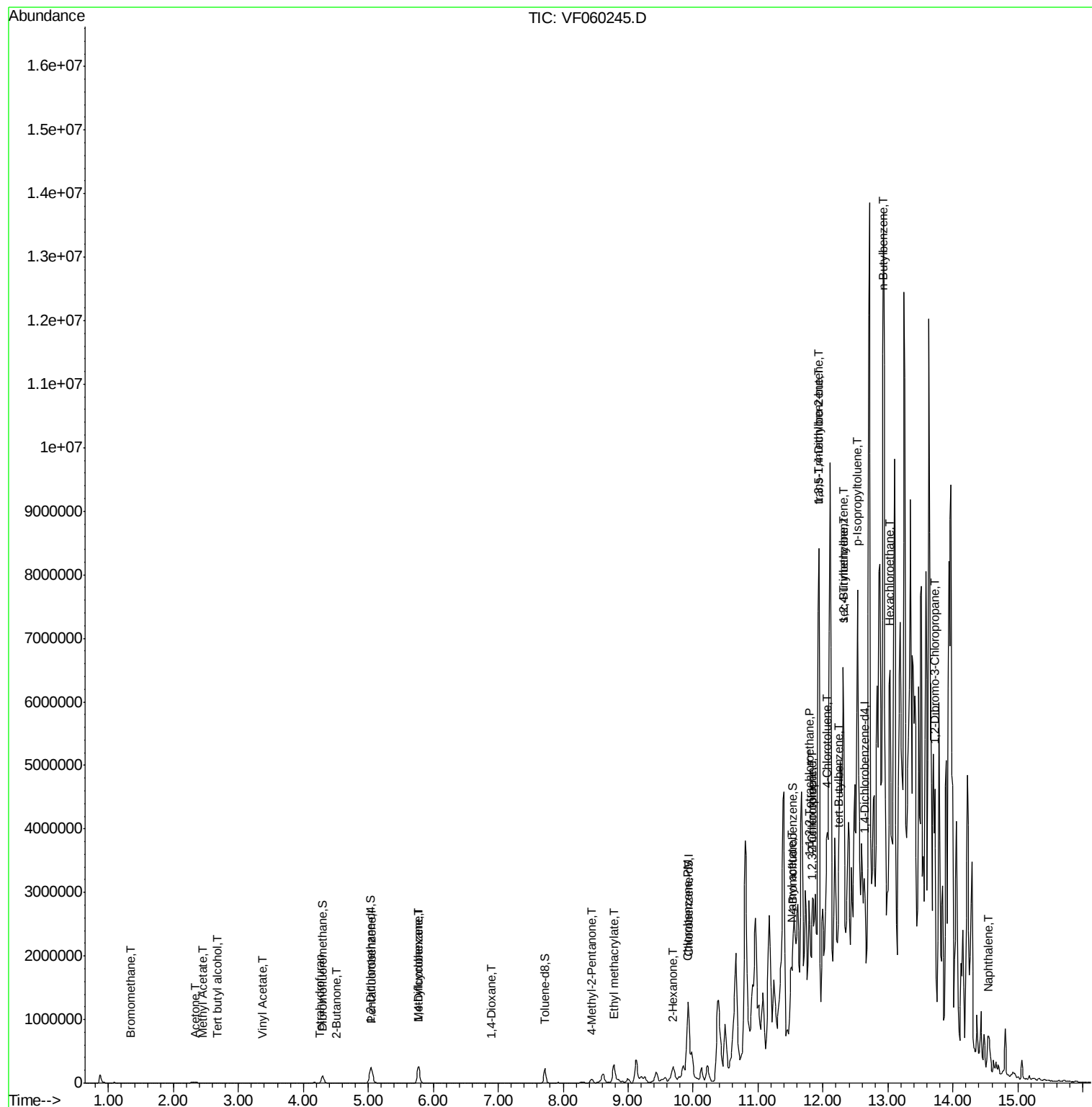
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

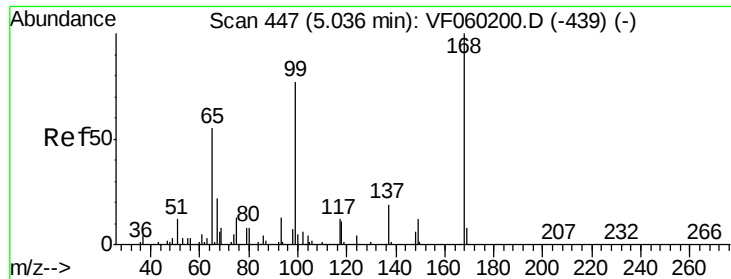
(#) = qualifier out of range (m) = manual integration (+) = signals summed						

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.05 min Scan# 448

Delta R.T. 0.01 min

Lab File: VF060245.D

Acq: 10 Sep 2018 20:00

Instrument :

MSVOA_F

ClientSampleId :

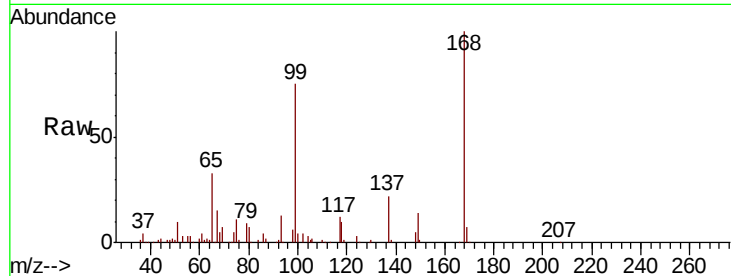
EP1-Q2-FD-01

Tot Ion:168 Resp: 176343

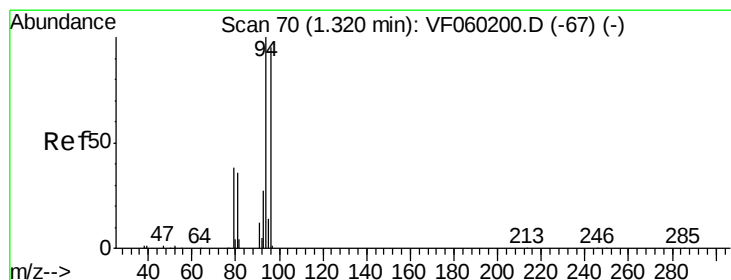
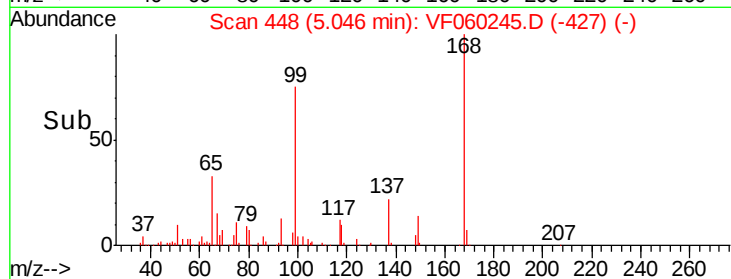
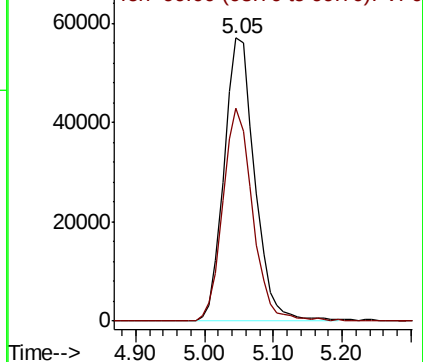
Ion Ratio Lower Upper

168 100

99 75.4 61.8 92.6



Abundance Ion 168.00 (167.70 to 168.70): VF0



#5

Bromomethane

Concen: 1.12 ug/l

RT: 1.35 min Scan# 73

Delta R.T. 0.03 min

Lab File: VF060245.D

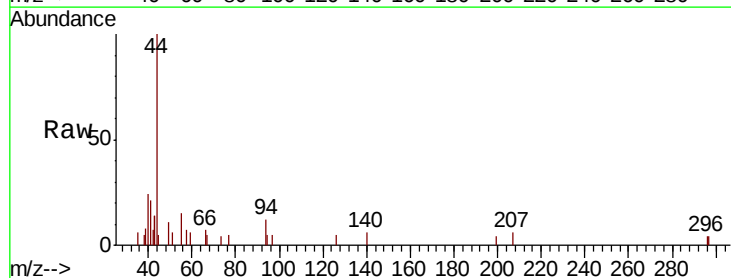
Acq: 10 Sep 2018 20:00

Tgt Ion: 94 Resp: 1366

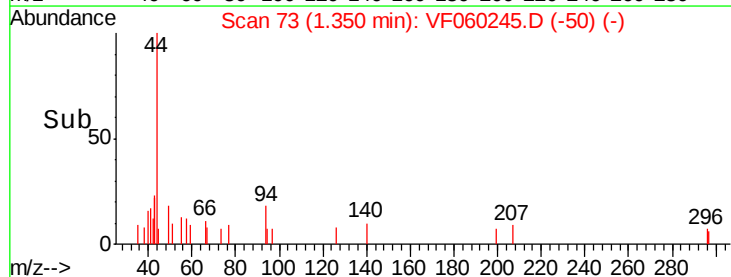
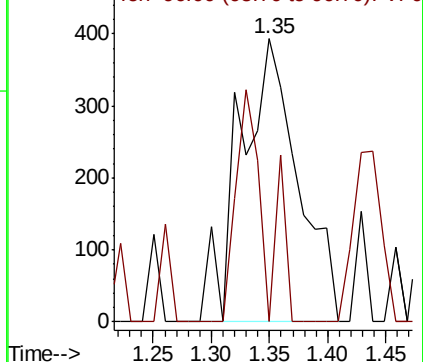
Ion Ratio Lower Upper

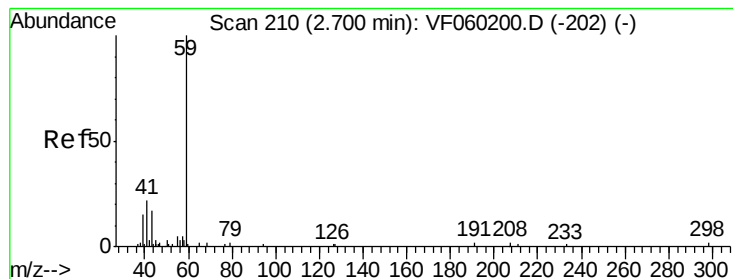
94 100

96 0.0 75.8 113.6#



Abundance Ion 94.00 (93.70 to 94.70): VF0





#11

Tert butyl alcohol

Concen: 13.86 ug/l

RT: 2.68 min Scan# 208

Delta R.T. -0.02 min

Lab File: VF060245.D

Acq: 10 Sep 2018 20:00

Instrument :

MSVOA_F

ClientSampleId :

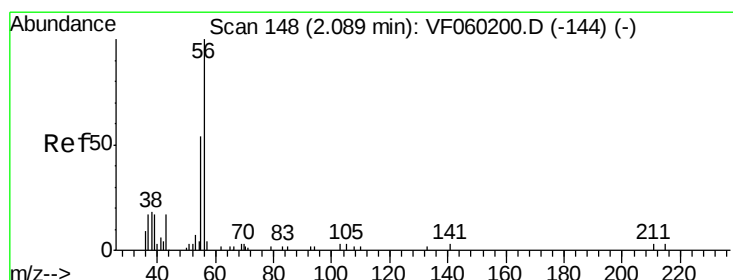
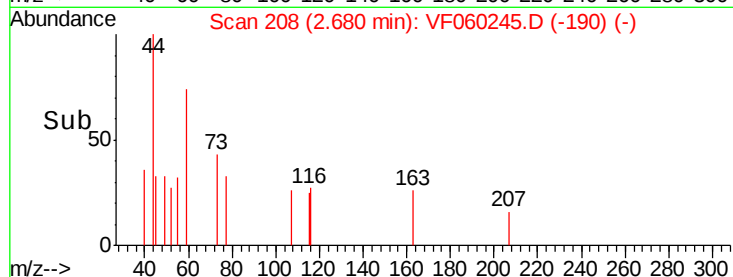
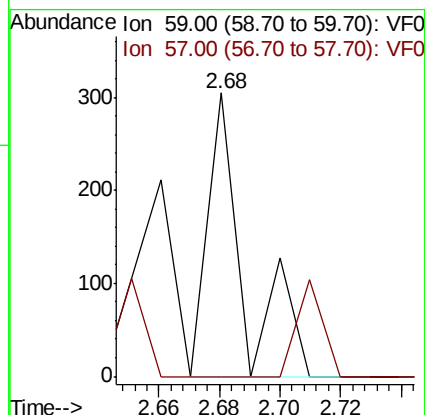
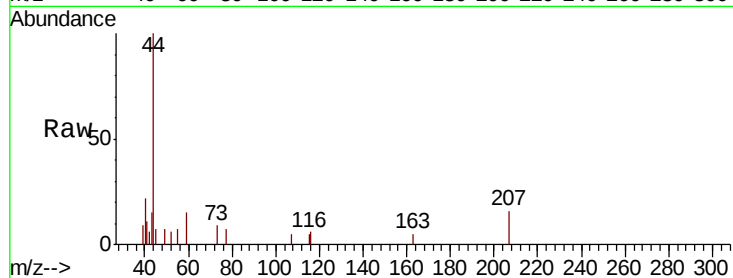
EP1-Q2-FD-01

Tot Ion: 59 Resp: 256

Ion Ratio Lower Upper

59 100

57 0.0 7.2 10.8#



#13

Acrolein

Concen: Below Cal

RT: 2.08 min Scan# 147

Delta R.T. -0.01 min

Lab File: VF060245.D

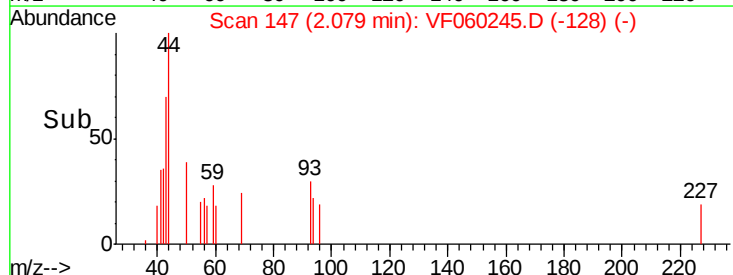
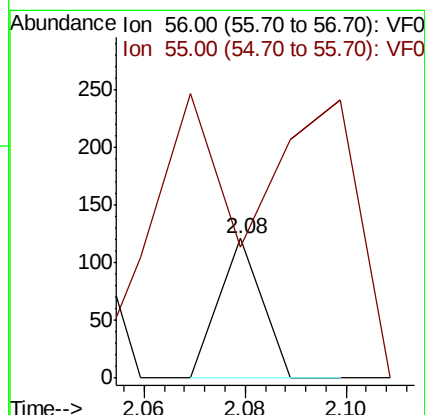
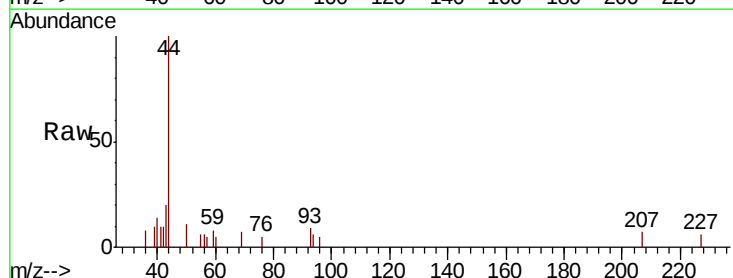
Acq: 10 Sep 2018 20:00

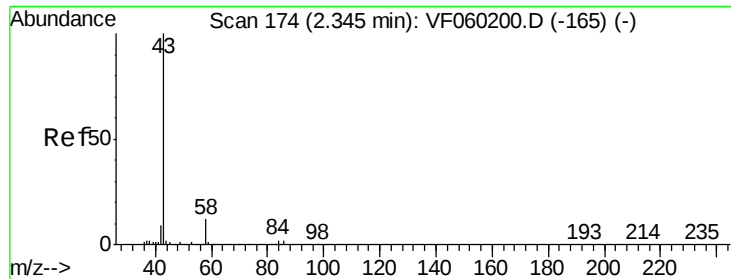
Tgt Ion: 56 Resp: 72

Ion Ratio Lower Upper

56 100

55 93.4 45.1 67.7#





#16

Acetone

Concen: 29.19 ug/l

RT: 2.35 min Scan# 174

Delta R.T. 0.00 min

Lab File: VF060245.D

Acq: 10 Sep 2018 20:00

Instrument :

MSVOA_F

ClientSampleId :

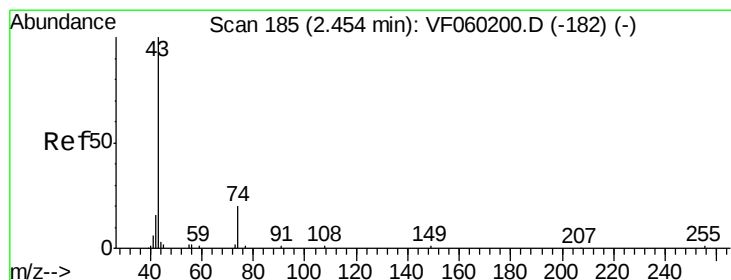
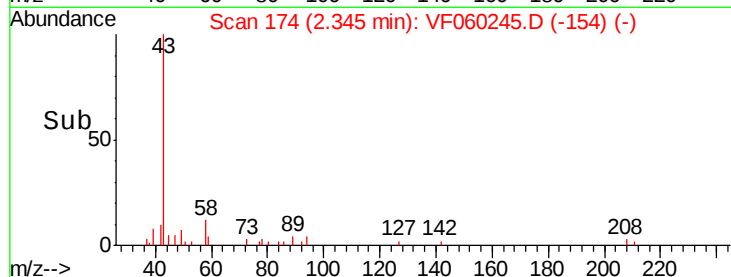
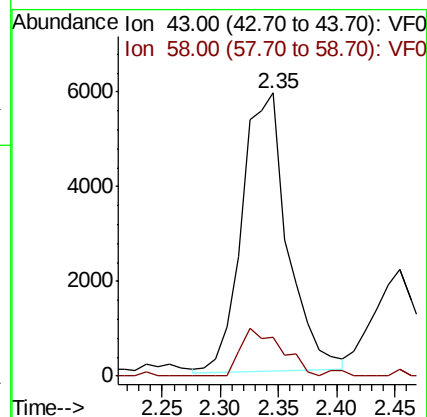
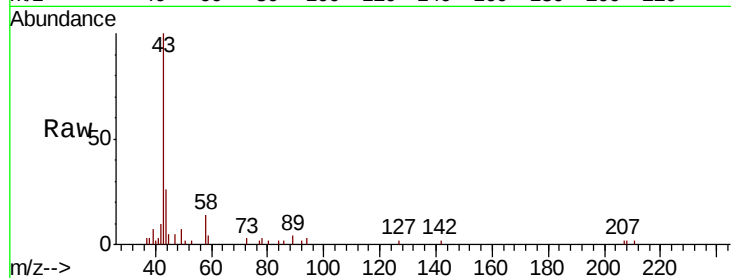
EP1-Q2-FD-01

Tot Ion: 43 Resp: 15993

Ion Ratio Lower Upper

43 100

58 13.7 9.7 14.5



#18

Methyl Acetate

Concen: 5.20 ug/l

RT: 2.45 min Scan# 185

Delta R.T. 0.00 min

Lab File: VF060245.D

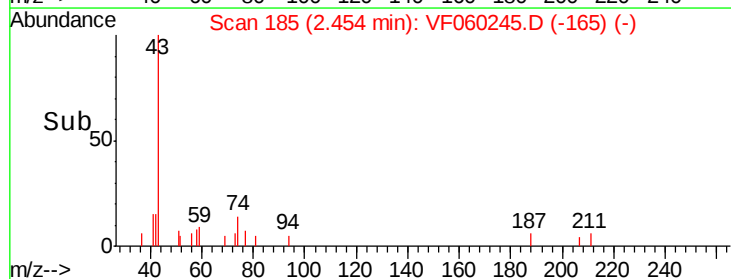
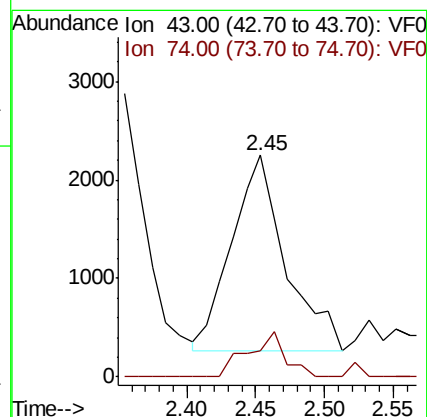
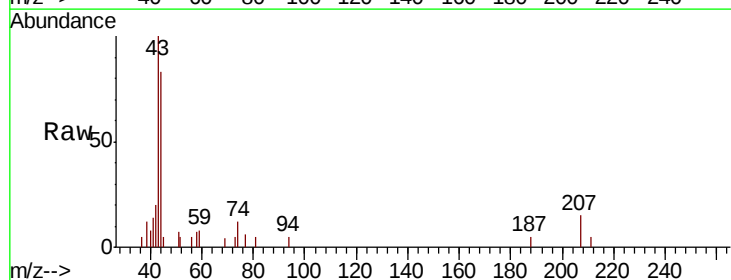
Acq: 10 Sep 2018 20:00

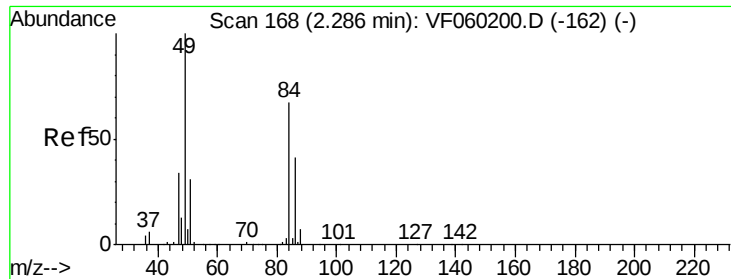
Tgt Ion: 43 Resp: 5413

Ion Ratio Lower Upper

43 100

74 12.0 11.9 17.9

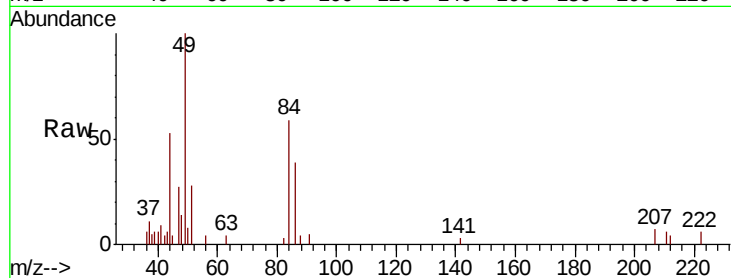




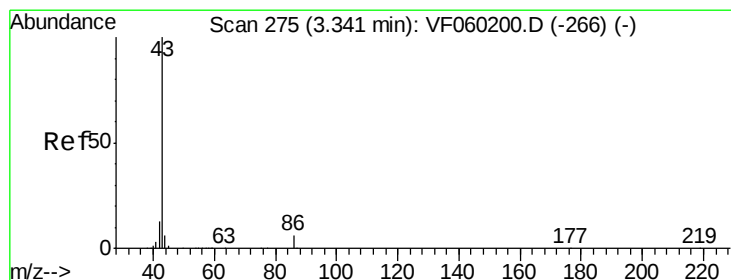
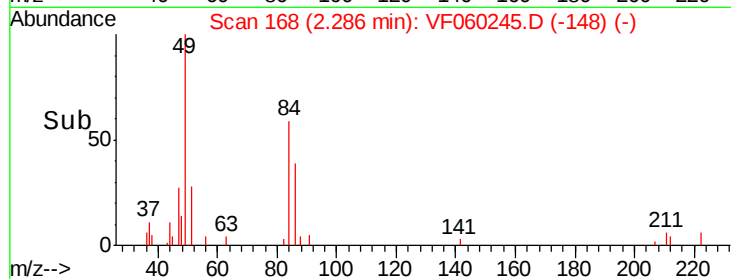
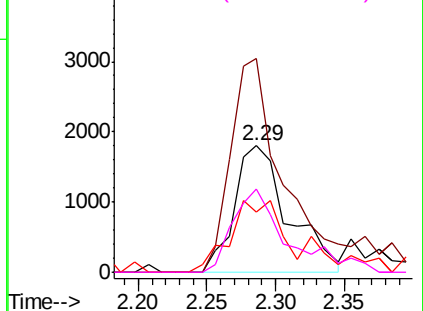
#20
Methvlene Chloride
Concen: Below Cal
RT: 2.29 min Scan# 168
Delta R.T. 0.00 min
Lab File: VF060245.D
Acq: 10 Sep 2018 20:00

Instrument :
MSVOA_F
ClientSampleId :
EP1-Q2-FD-01

Tot Ion:	84	Resp:	4927
Ion	Ratio	Lower	Upper
84	100		
49	169.0	120.1	180.1
51	47.6	37.0	55.6
86	65.7	49.0	73.6

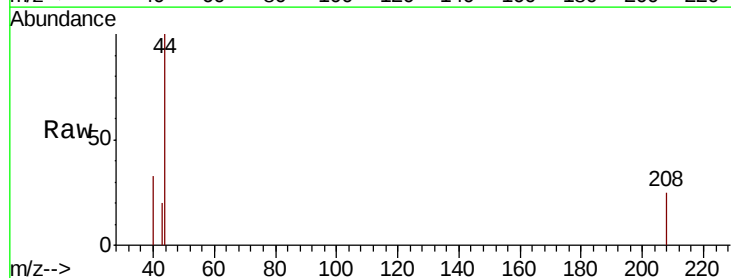


Abundance Ion 84.00 (83.70 to 84.70): VF0
Ion 49.00 (48.70 to 49.70): VF0
Ion 51.00 (50.70 to 51.70): VF0
Ion 86.00 (85.70 to 86.70): VF0

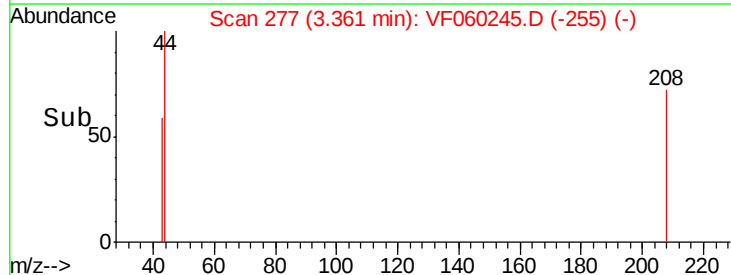
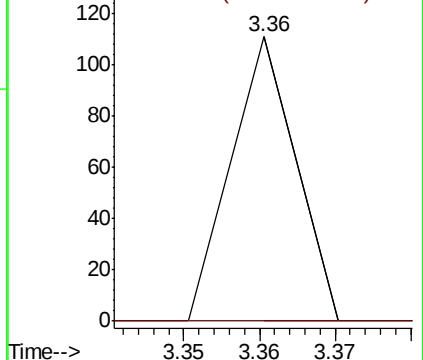


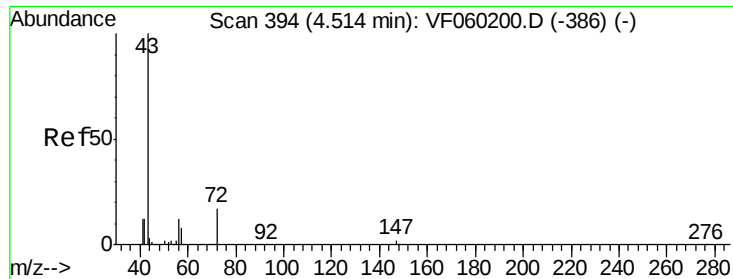
#23
Vinyl Acetate
Concen: 22.83 ug/l
RT: 3.36 min Scan# 277
Delta R.T. 0.02 min
Lab File: VF060245.D
Acq: 10 Sep 2018 20:00

Tgt Ion:	43	Resp:	66
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

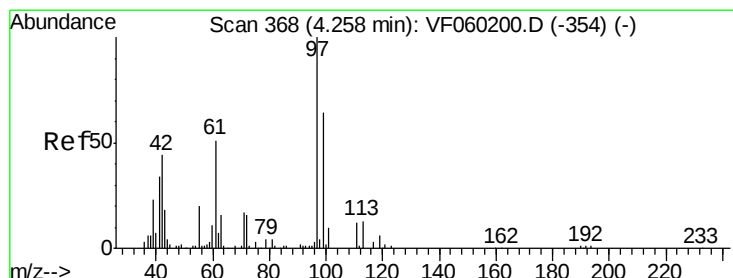
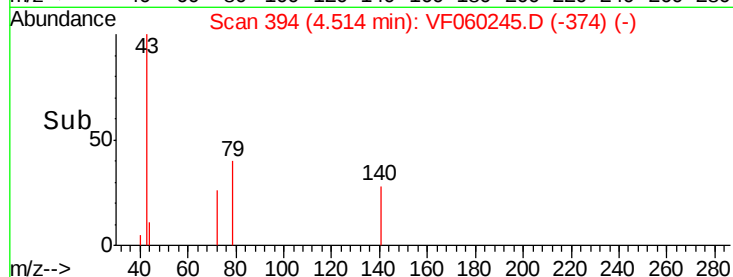
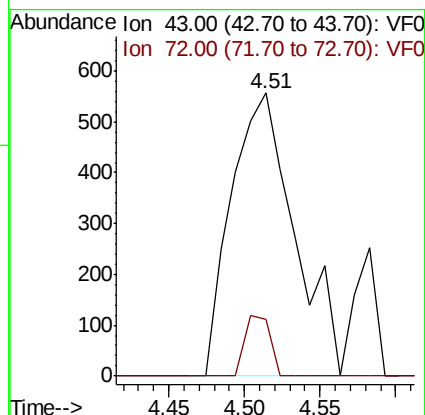
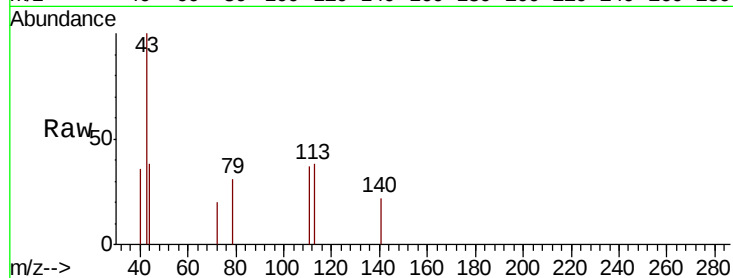




#25
2-Butanone
Concen: 1.87 ug/l
RT: 4.51 min Scan# 394
Delta R.T. 0.00 min
Lab File: VF060245.D
Acq: 10 Sep 2018 20:00

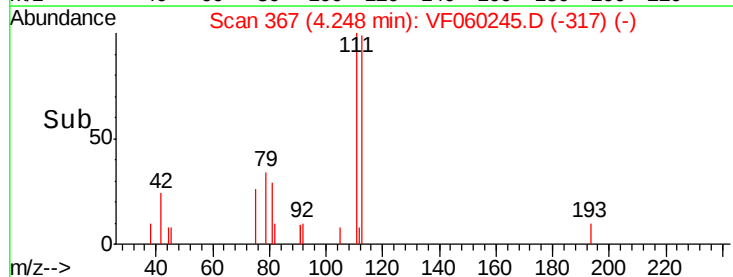
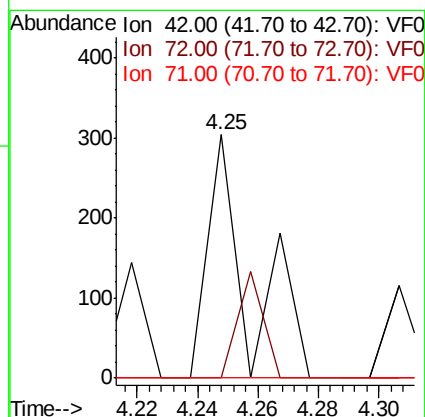
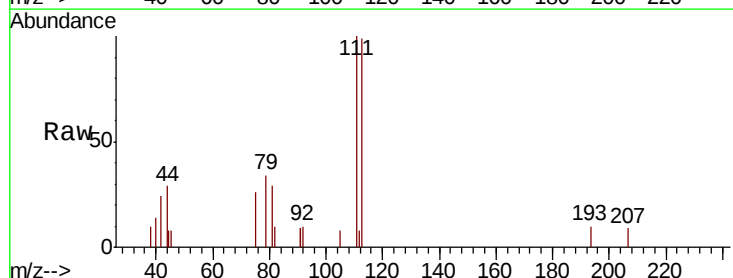
Instrument :
MSVOA_F
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EP1-Q2-FD-01

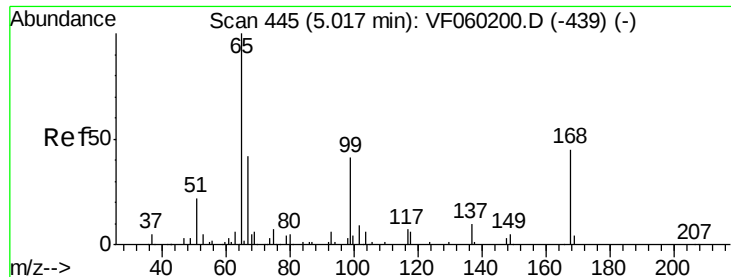
Tot Ion: 43 Resp: 1619
Ion Ratio Lower Upper
43 100
72 20.1 14.8 22.2



#29
Tetrahydrofuran
Concen: 1.01 ug/l
RT: 4.25 min Scan# 367
Delta R.T. -0.01 min
Lab File: VF060245.D
Acq: 10 Sep 2018 20:00

Tgt Ion: 42 Resp: 288
Ion Ratio Lower Upper
42 100
72 27.4 27.4 41.0
71 0.0 28.5 42.7#

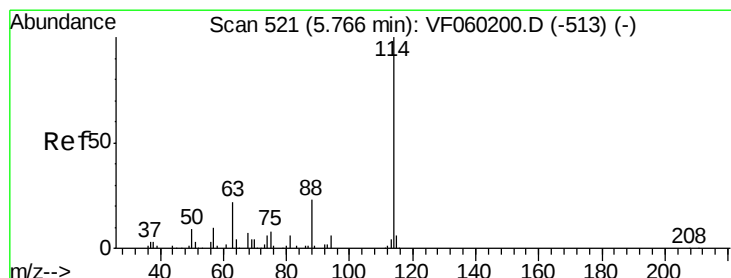
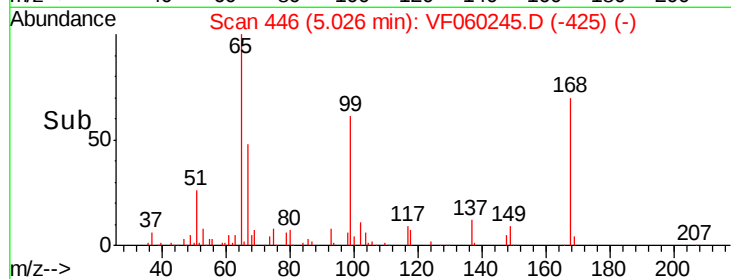
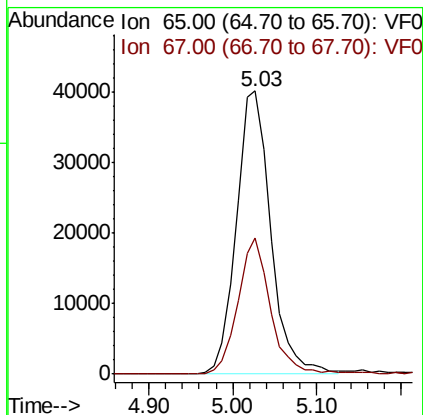
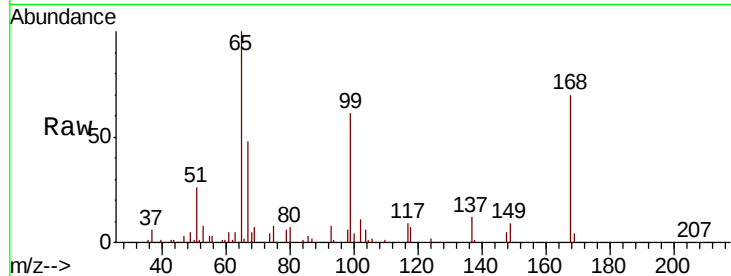




#33
 1,2-Dichloroethane-d4
 Concen: 37.23 ug/l
 RT: 5.03 min Scan# 446
 Delta R.T. 0.01 min
 Lab File: VF060245.D
 Acq: 10 Sep 2018 20:00

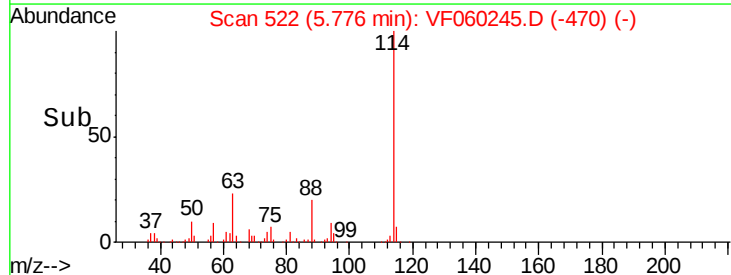
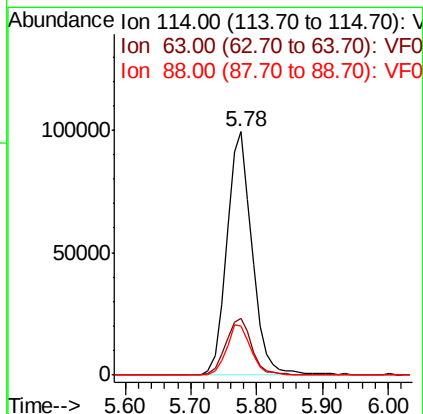
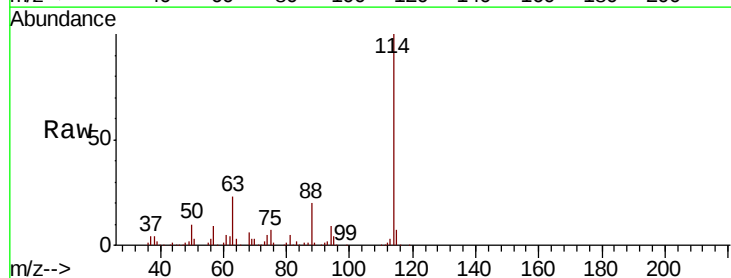
Instrument :
 MSVOA_F
 ClientSampleId :
 EP1-Q2-FD-01

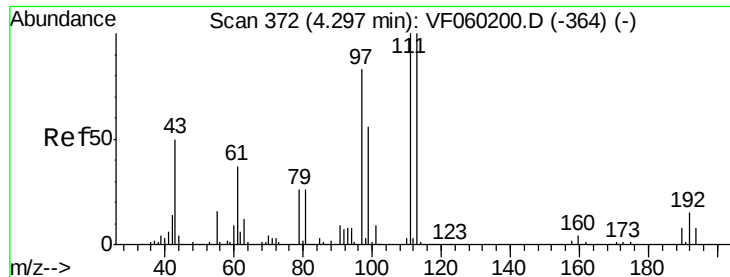
Tot Ion: 65 Resp: 114698
 Ion Ratio Lower Upper
 65 100
 67 48.0 0.0 87.2



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 5.78 min Scan# 522
 Delta R.T. 0.01 min
 Lab File: VF060245.D
 Acq: 10 Sep 2018 20:00

Tgt Ion: 114 Resp: 266538
 Ion Ratio Lower Upper
 114 100
 63 23.4 0.0 45.6
 88 20.2 0.0 46.4

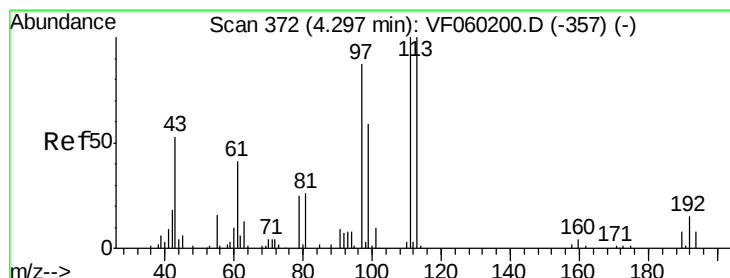
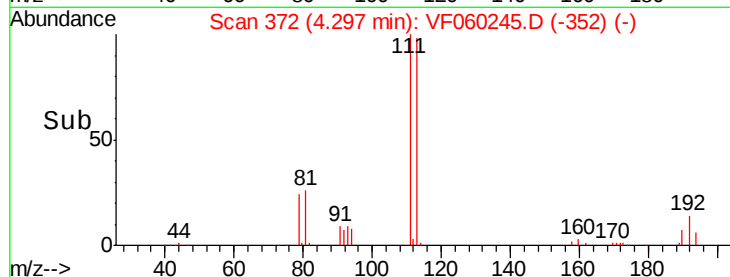
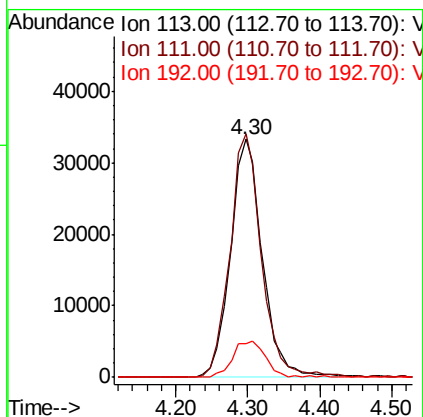
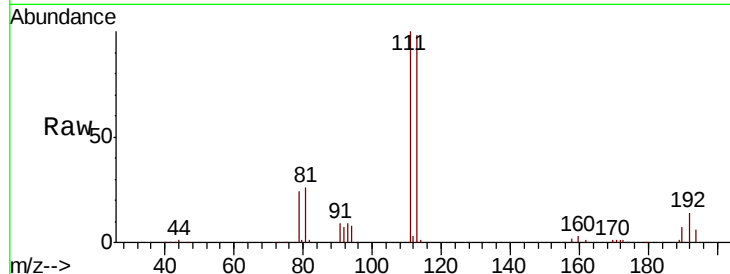




#35
 Dibromofluoromethane
 Concen: 39.20 ug/l
 RT: 4.30 min Scan# 372
 Delta R.T. 0.00 min
 Lab File: VF060245.D
 Acq: 10 Sep 2018 20:00

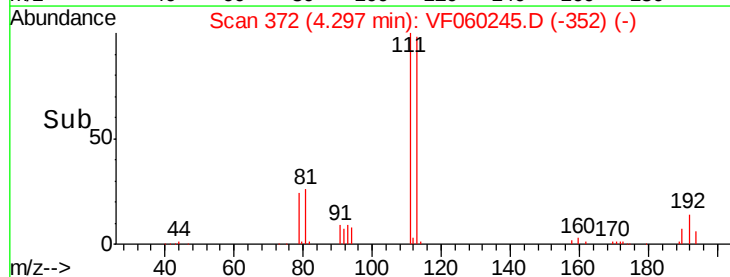
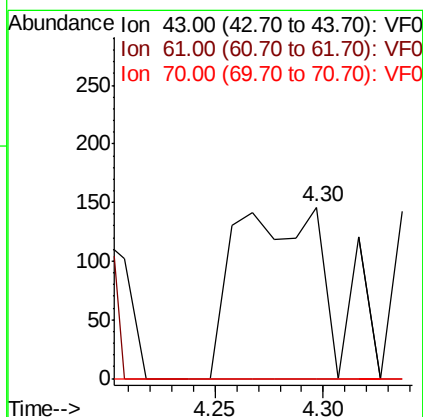
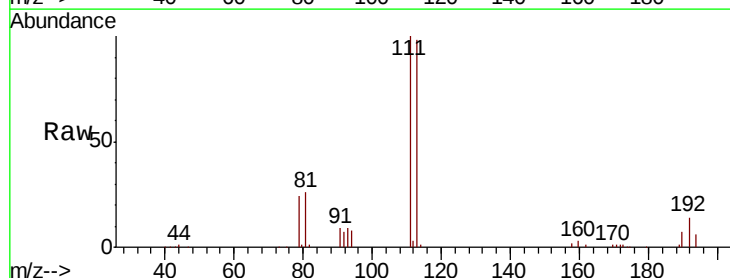
Instrument :
 MSVOA_F
 ClientSampleId :
 EP1-Q2-FD-01

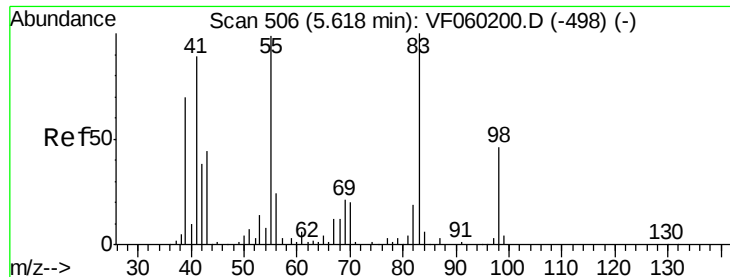
Tot Ion	Ratio	Lower	Upper
113	100		
111	102.2	80.2	120.2
192	14.2	11.8	17.8



#37
 Ethyl Acetate
 Concen: Below Cal
 RT: 4.30 min Scan# 372
 Delta R.T. 0.00 min
 Lab File: VF060245.D
 Acq: 10 Sep 2018 20:00

Tgt Ion	Ratio	Lower	Upper
43	100		
61	0.0	61.6	92.4#
70	0.0	6.9	10.3#

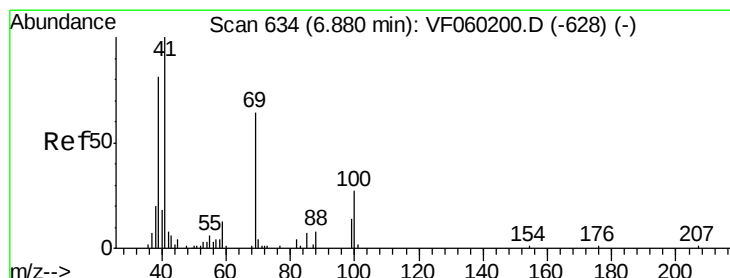
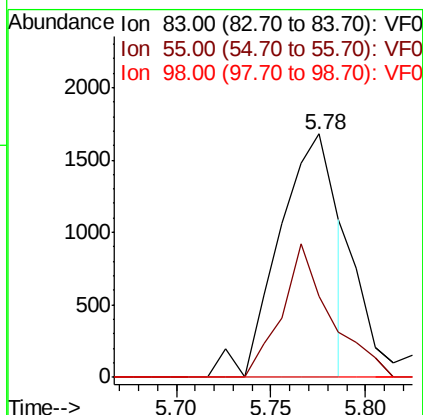
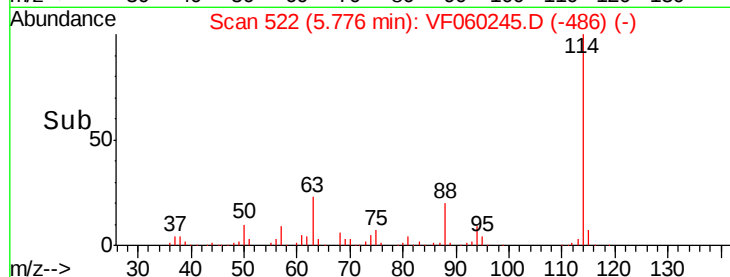
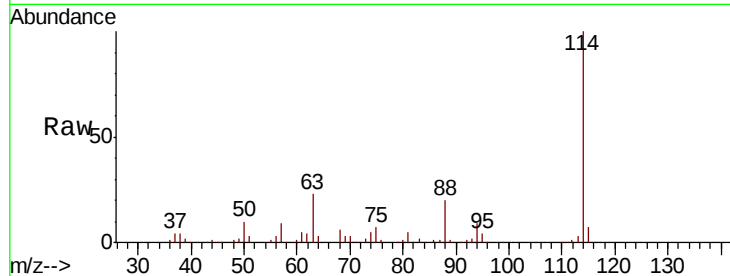




#39
Methvlcvclohexane
Concen: 1.37 ug/l
RT: 5.78 min Scan# 522
Delta R.T. 0.16 min
Lab File: VF060245.D
Acq: 10 Sep 2018 20:00

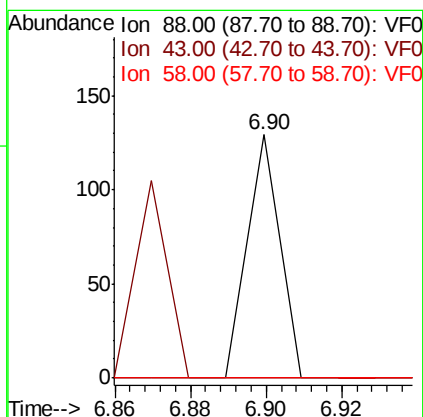
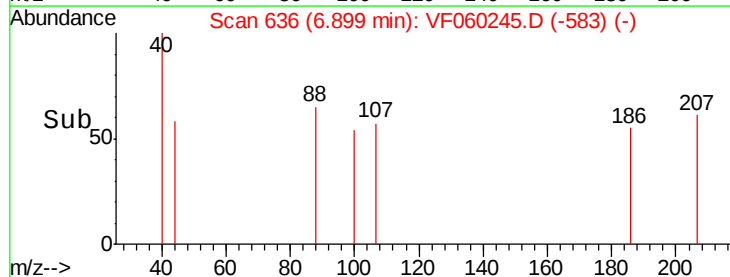
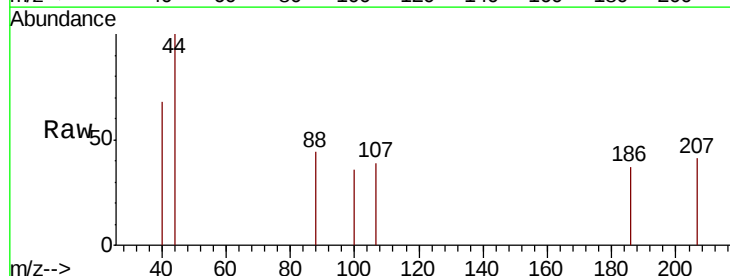
Instrument :
MSVOA_F
ClientSampleId :
EP1-Q2-FD-01

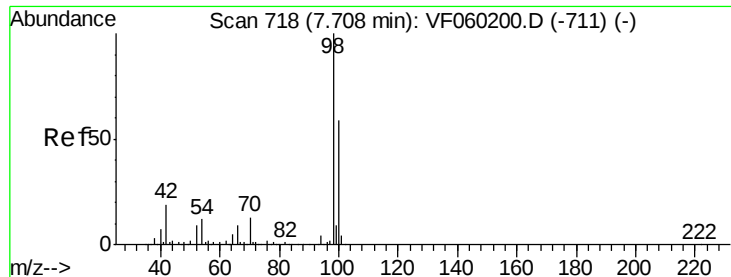
Tot Ion: 83 Resp: 3598
Ion Ratio Lower Upper
83 100
55 33.2 79.0 118.4#
98 0.0 36.7 55.1#



#49
1,4-Dioxane
Concen: 3.57 ug/l
RT: 6.90 min Scan# 636
Delta R.T. 0.02 min
Lab File: VF060245.D
Acq: 10 Sep 2018 20:00

Tgt Ion: 88 Resp: 76
Ion Ratio Lower Upper
88 100
43 0.0 68.1 102.1#
58 0.0 38.1 57.1#

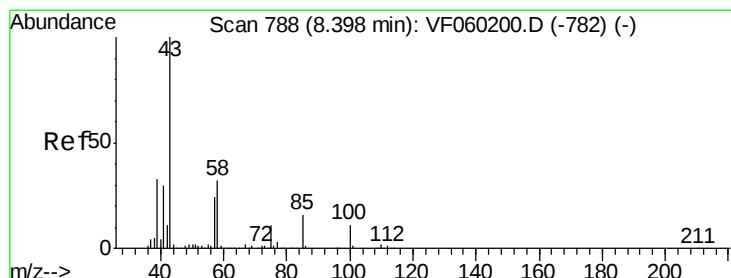
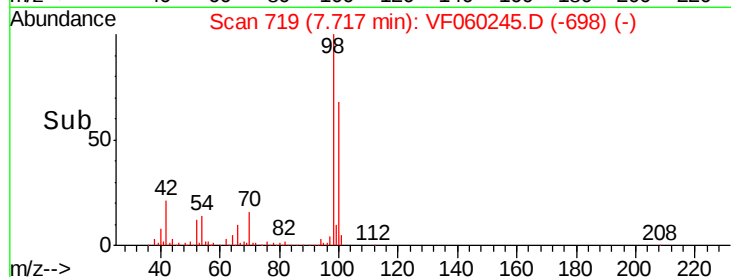
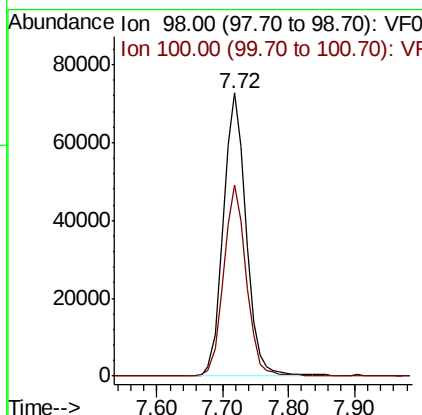
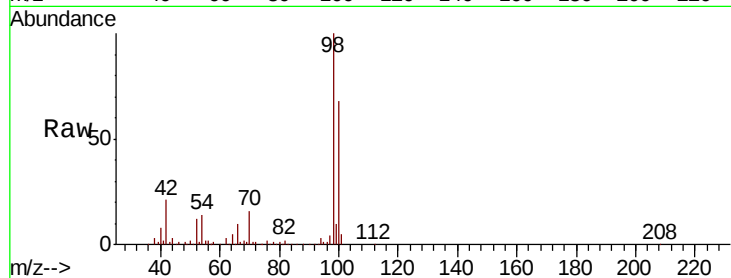




#50
Toluene-d8
Concen: 27.17 ug/l
RT: 7.72 min Scan# 719
Delta R.T. 0.01 min
Lab File: VF060245.D
Acq: 10 Sep 2018 20:00

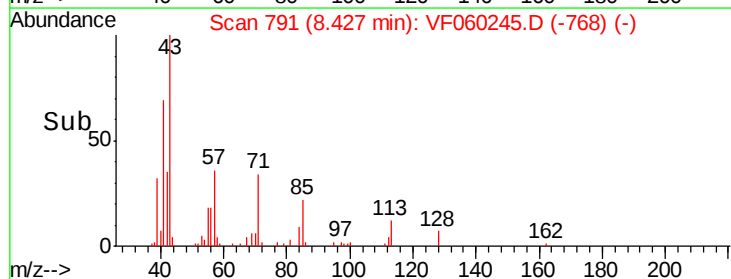
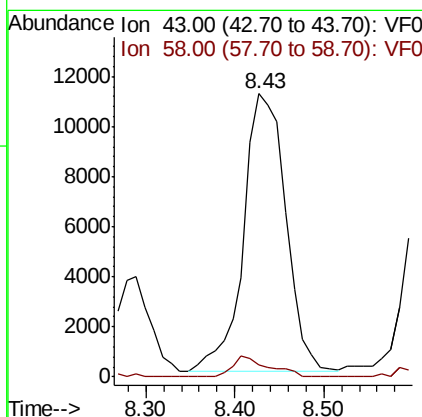
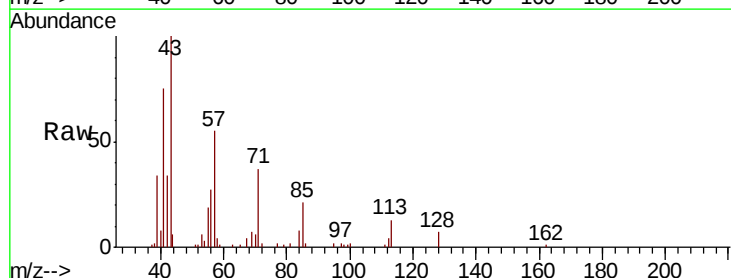
Instrument :
MSVOA_F
ClientSampleId :
EP1-Q2-FD-01

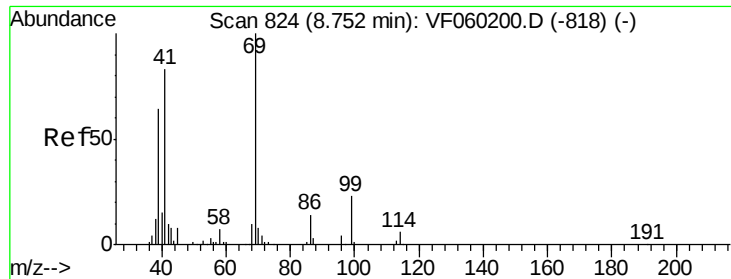
Tot Ion: 98 Resp: 177038
Ion Ratio Lower Upper
98 100
100 67.8 47.4 71.0



#51
4-Methyl-2-Pentanone
Concen: 22.51 ug/l
RT: 8.43 min Scan# 791
Delta R.T. 0.03 min
Lab File: VF060245.D
Acq: 10 Sep 2018 20:00

Tgt Ion: 43 Resp: 36492
Ion Ratio Lower Upper
43 100
58 4.2 25.8 38.6#





#56

Ethyl methacrylate

Concen: 85.48 ug/l

RT: 8.78 min Scan# 827

Delta R.T. 0.03 min

Lab File: VF060245.D

Acq: 10 Sep 2018 20:00

Instrument :

MSVOA_F

ClientSampleId :

EP1-Q2-FD-01

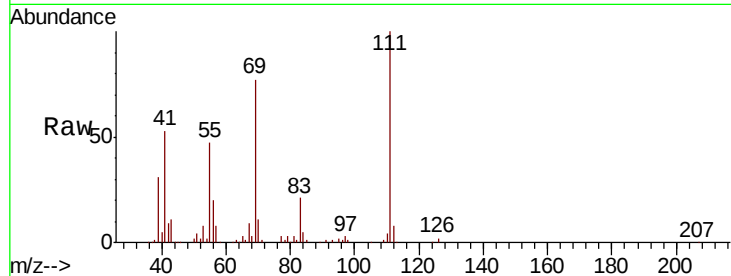
Tot Ion: 69 Resp: 155579

Ion Ratio Lower Upper

69 100

41 68.4 66.6 100.0

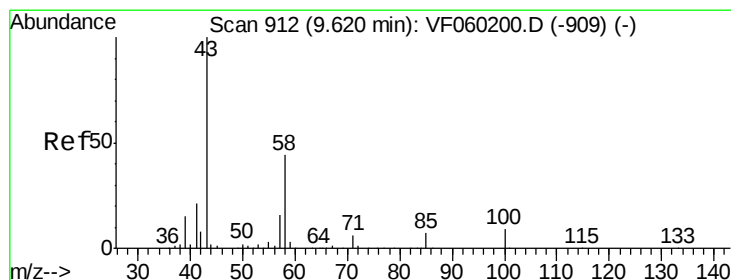
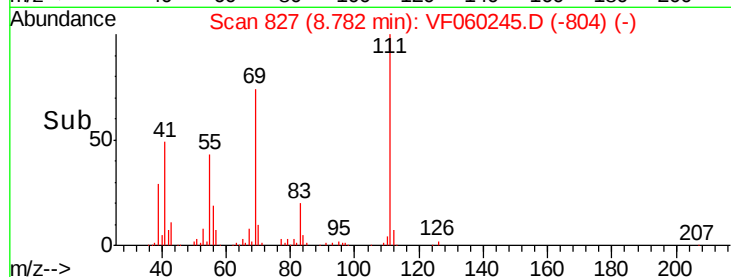
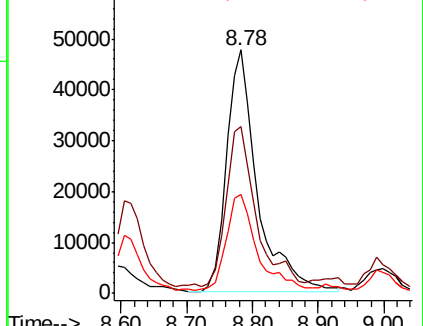
39 40.8 51.5 77.3#



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



#59

2-Hexanone

Concen: 27.94 ug/l

RT: 9.69 min Scan# 919

Delta R.T. 0.07 min

Lab File: VF060245.D

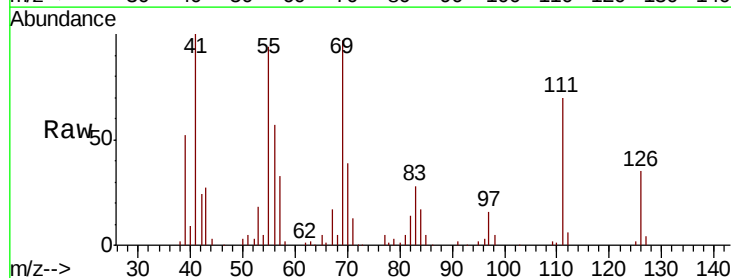
Acq: 10 Sep 2018 20:00

Tgt Ion: 43 Resp: 35143

Ion Ratio Lower Upper

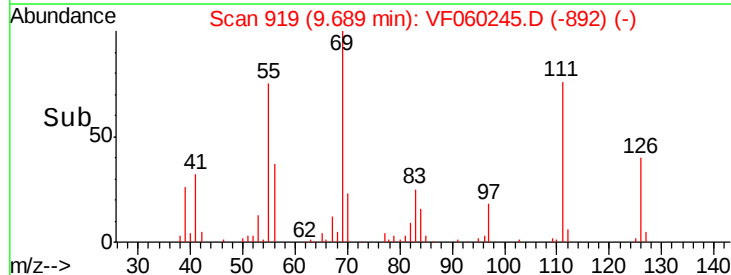
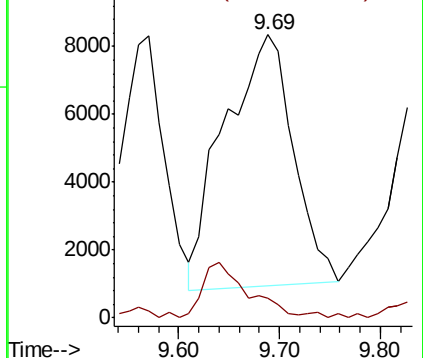
43 100

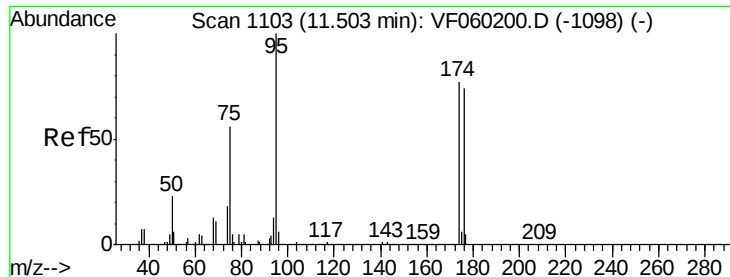
58 6.9 20.8 62.5#



Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 58.00 (57.70 to 58.70): VF0





#62

4-Bromofluorobenzene

Concen: 62.58 ug/l

RT: 11.52 min Scan# 1105

Delta R.T. 0.02 min

Lab File: VF060245.D

Acq: 10 Sep 2018 20:00

Instrument :

MSVOA_F

ClientSampleId :

EP1-Q2-FD-01

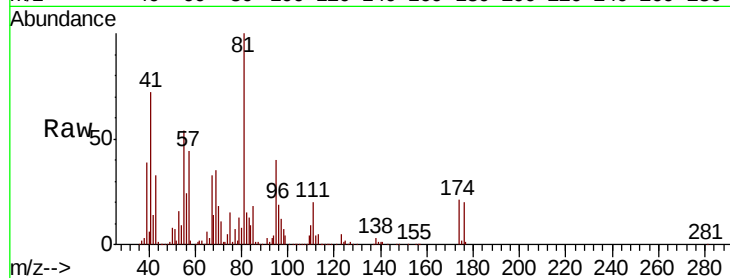
Tot Ion: 95 Resp: 230101

Ion Ratio Lower Upper

95 100

174 53.4 0.0 153.2

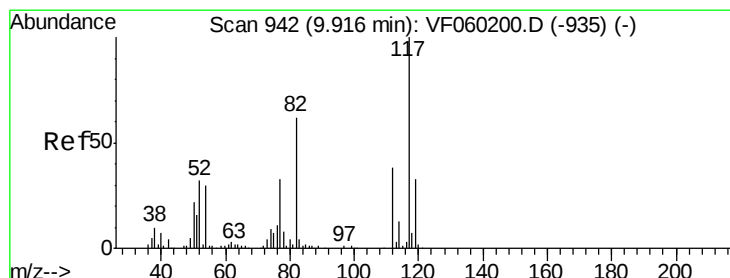
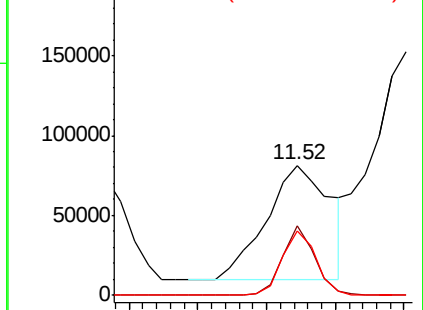
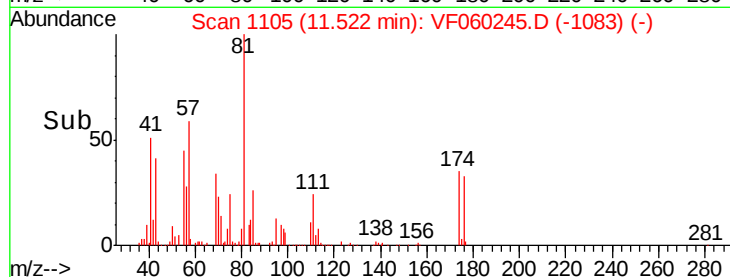
176 49.4 0.0 147.2



Abundance Ion 95.00 (94.70 to 95.70): VF0

Ion 174.00 (173.70 to 174.70): VF0

Ion 176.00 (175.70 to 176.70): VF0



#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 9.93 min Scan# 943

Delta R.T. 0.01 min

Lab File: VF060245.D

Acq: 10 Sep 2018 20:00

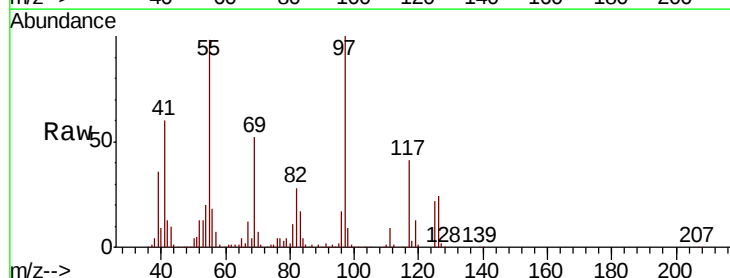
Tgt Ion: 117 Resp: 164476

Ion Ratio Lower Upper

117 100

82 67.5 49.3 73.9

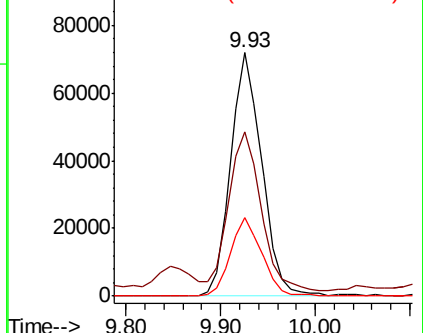
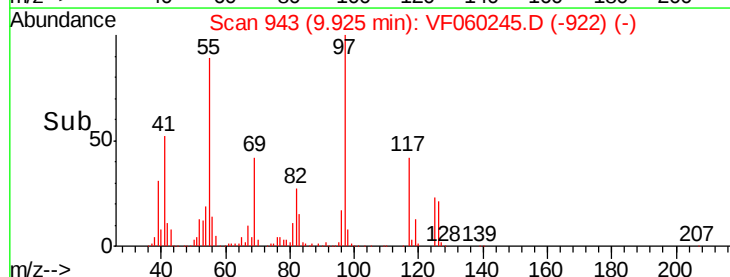
119 32.0 26.5 39.7

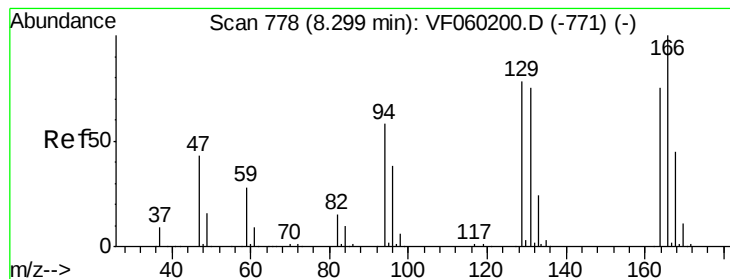


Abundance Ion 117.00 (116.70 to 117.70): VF0

Ion 82.00 (81.70 to 82.70): VF0

Ion 119.00 (118.70 to 119.70): VF0



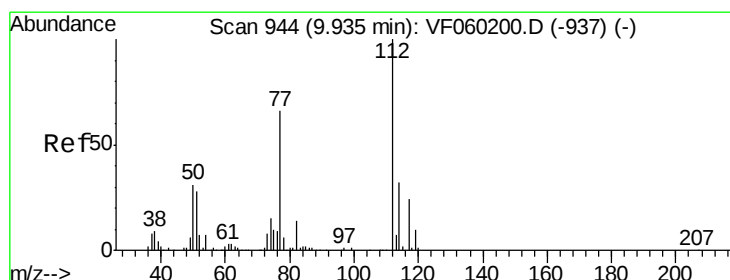
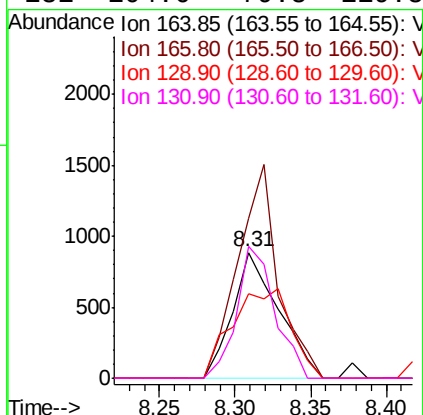
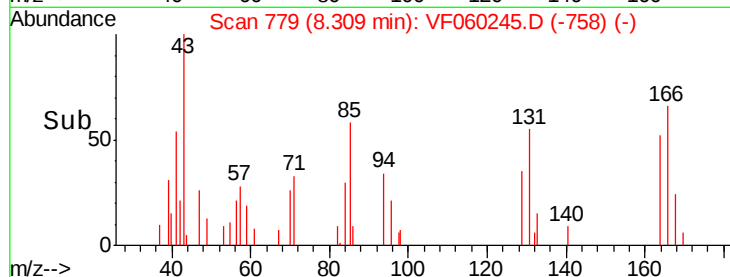
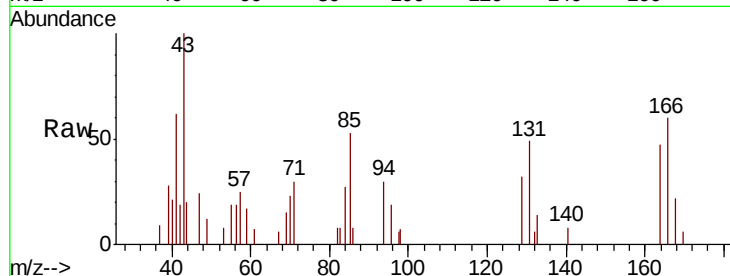


#64
Tetrachloroethene
Concen: Below Cal
RT: 8.31 min Scan# 779
Delta R.T. 0.01 min
Lab File: VF060245.D
Acq: 10 Sep 2018 20:00

Instrument :
MSVOA_F
ClientSampleId :
EP1-Q2-FD-01

Tot Ion:164 Resp: 1877

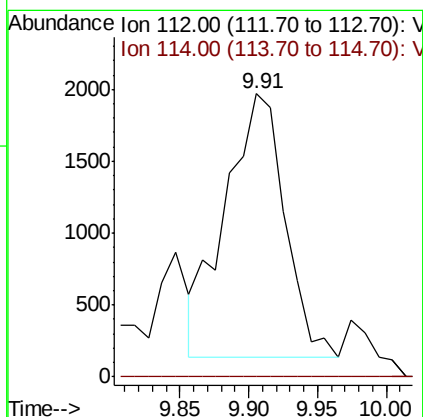
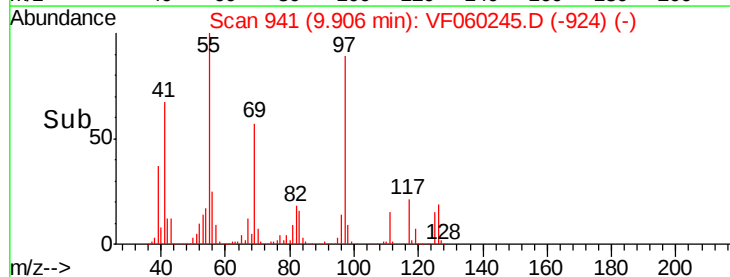
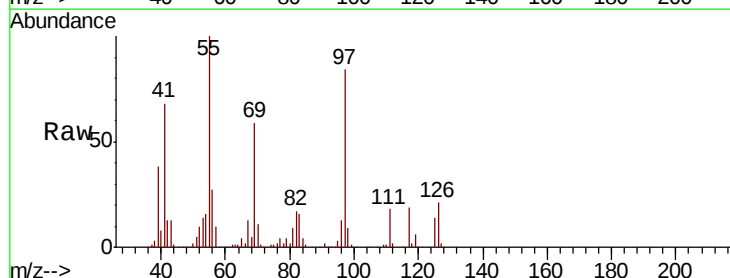
Ion	Ratio	Lower	Upper
164	100		
166	127.0	107.0	160.4
129	67.5	83.0	124.6
131	104.6	79.8	119.8

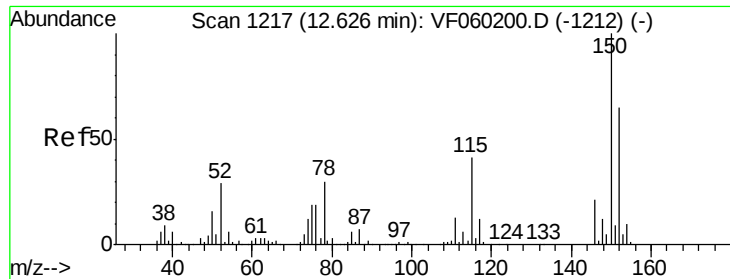


#65
Chlorobenzene
Concen: 1.62 ug/l
RT: 9.91 min Scan# 941
Delta R.T. -0.03 min
Lab File: VF060245.D
Acq: 10 Sep 2018 20:00

Tgt Ion:112 Resp: 5507

Ion	Ratio	Lower	Upper
112	100		
114	0.0	25.7	38.5





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.65 min Scan# 1219

Delta R.T. 0.02 min

Lab File: VF060245.D

Acq: 10 Sep 2018 20:00

Instrument :

MSVOA_F

ClientSampleId :

EP1-Q2-FD-01

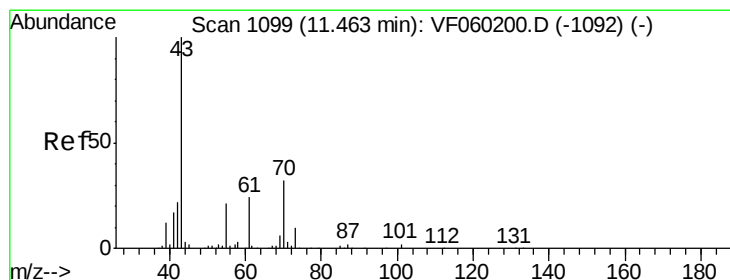
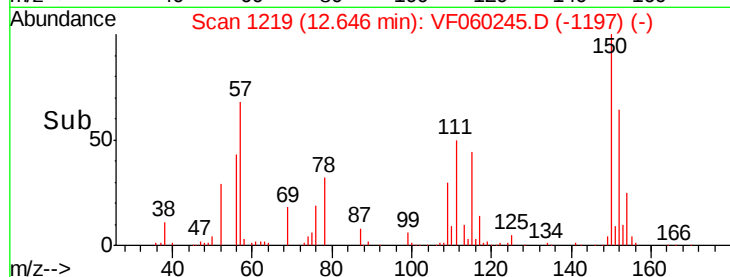
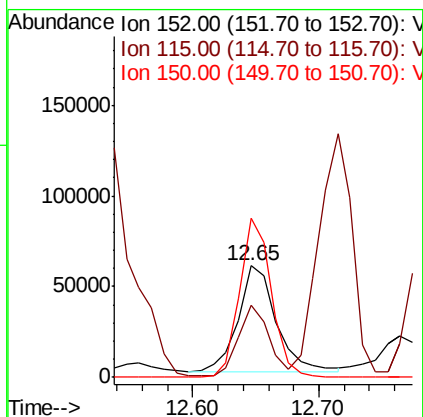
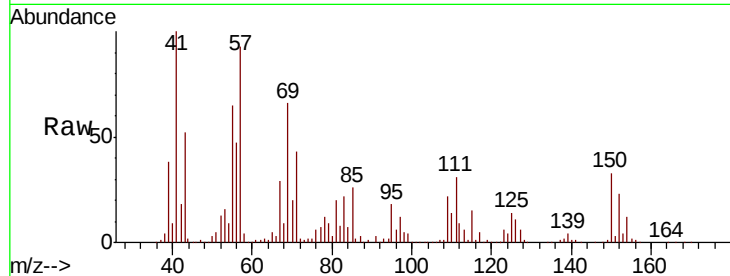
Tot Ion:152 Resp: 125604

Ion Ratio Lower Upper

152 100

115 64.5 31.5 94.5

150 142.8 0.0 310.4



#74

N-amil acetate

Concen: 110.54 ug/l

RT: 11.51 min Scan# 1104

Delta R.T. 0.05 min

Lab File: VF060245.D

Acq: 10 Sep 2018 20:00

Tgt Ion: 43 Resp: 201771

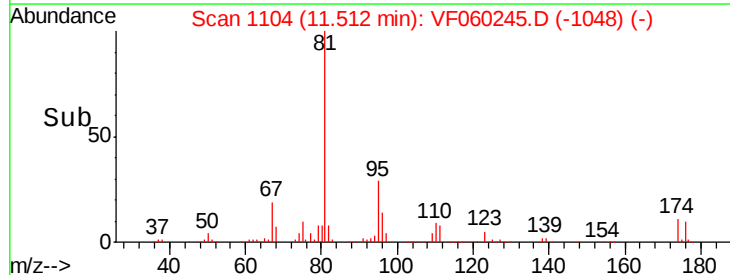
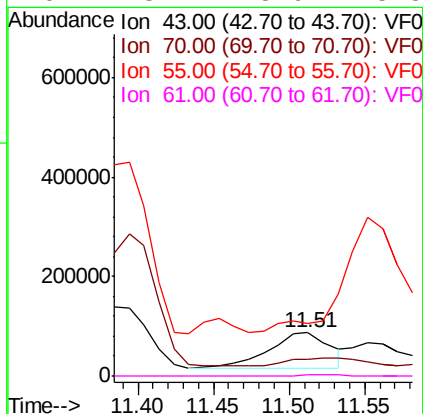
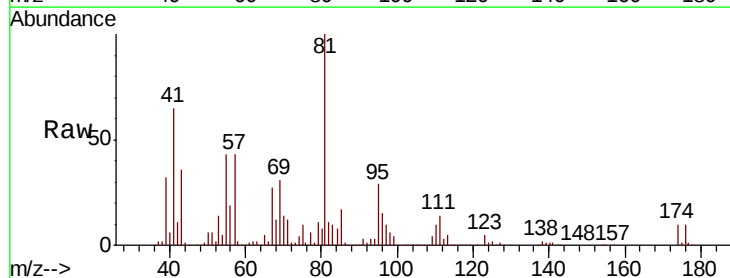
Ion Ratio Lower Upper

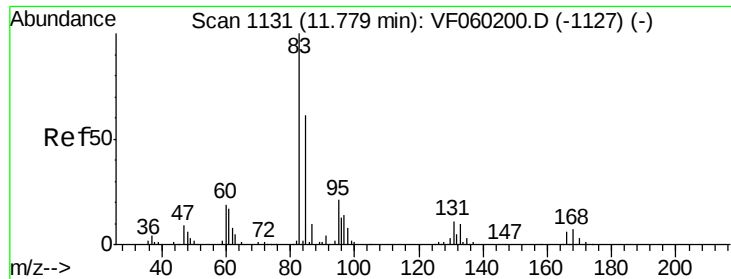
43 100

70 38.6 25.8 38.6

55 119.8 16.8 25.2#

61 3.1 18.9 28.3#





#75

1,1,2,2-Tetrachloroethane

Concen: 247.85 ug/l

RT: 11.79 min Scan# 1132

Delta R.T. 0.01 min

Lab File: VF060245.D

Acq: 10 Sep 2018 20:00

Instrument :

MSVOA_F

ClientSampleId :

EP1-Q2-FD-01

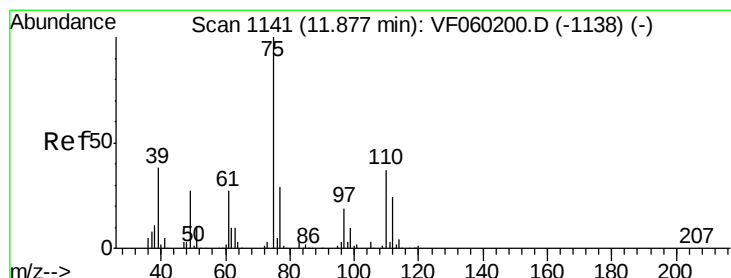
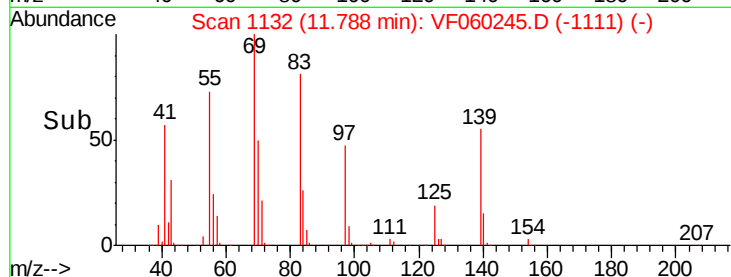
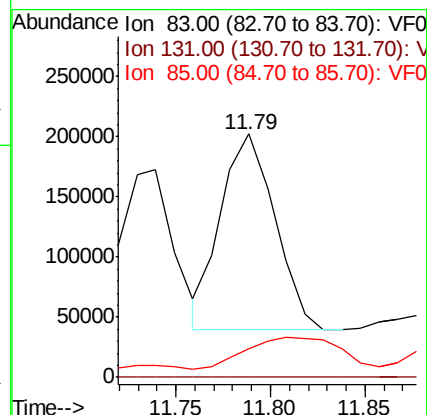
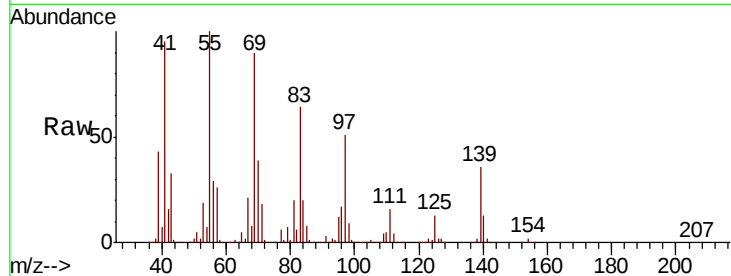
Tot Ion: 83 Resp: 322921

Ion Ratio Lower Upper

83 100

131 0.0 5.5 16.4#

85 11.8 31.1 93.5#



#76

1,2,3-Trichloropropane

Concen: 2.16 ug/l

RT: 11.82 min Scan# 1135

Delta R.T. -0.06 min

Lab File: VF060245.D

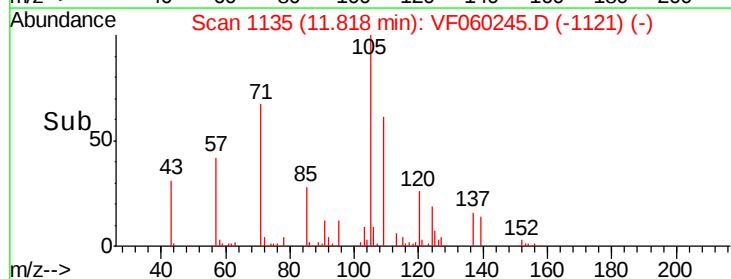
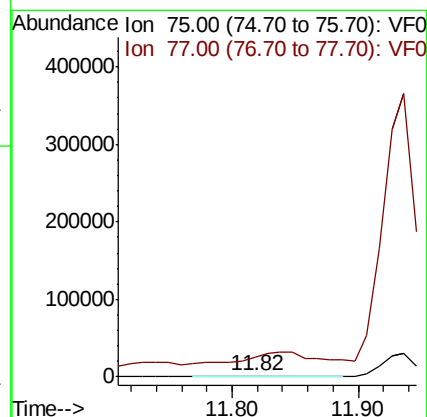
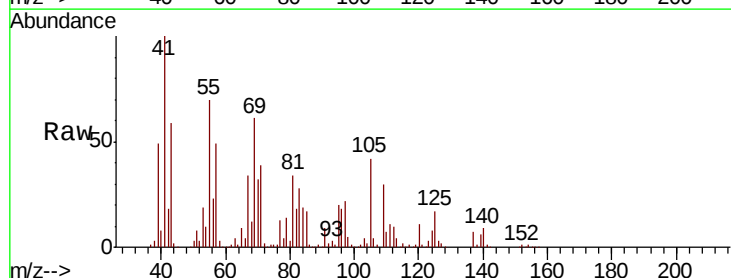
Acq: 10 Sep 2018 20:00

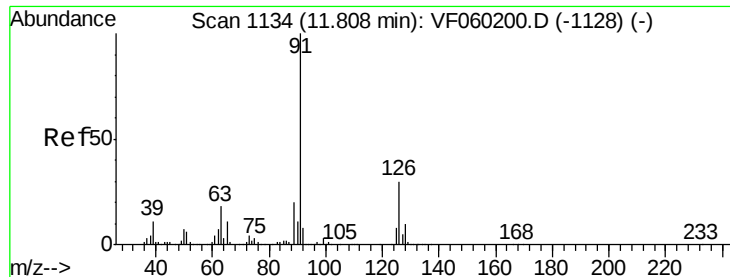
Tgt Ion: 75 Resp: 2986

Ion Ratio Lower Upper

75 100

77 2155.1 14.6 43.8#

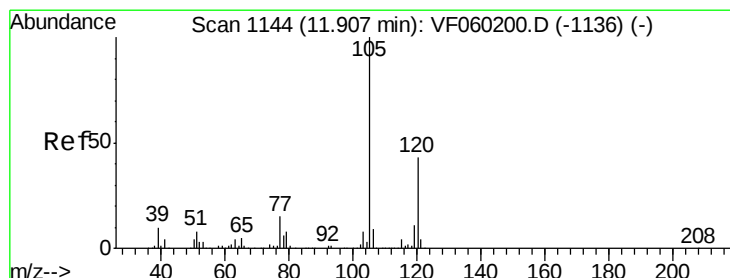
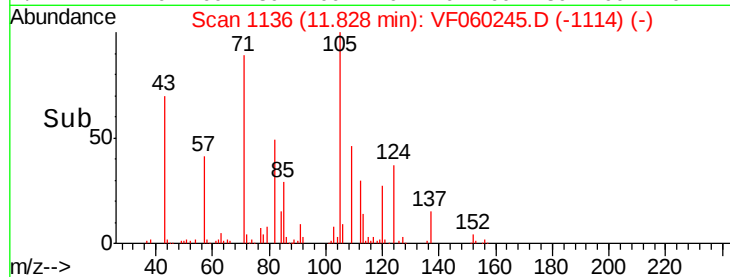
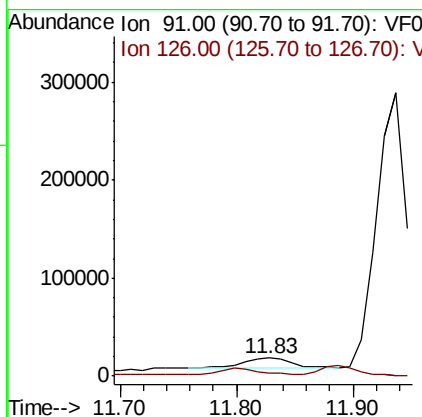
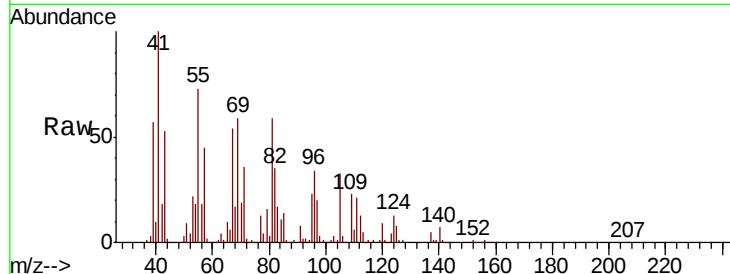




#79
 2-Chlorotoluene
 Concen: 5.00 ug/l
 RT: 11.83 min Scan# 1136
 Delta R.T. 0.02 min
 Lab File: VF060245.D
 Acq: 10 Sep 2018 20:00

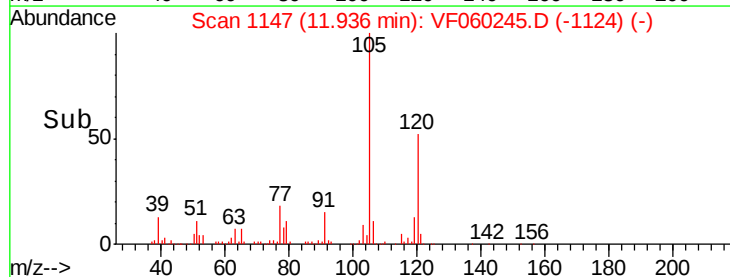
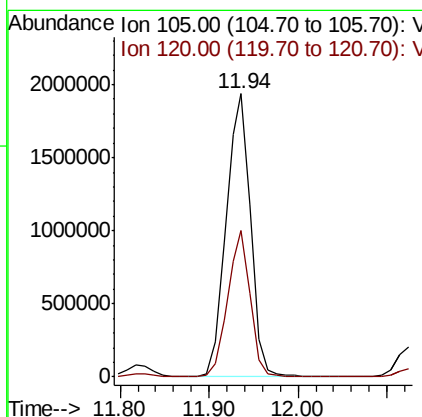
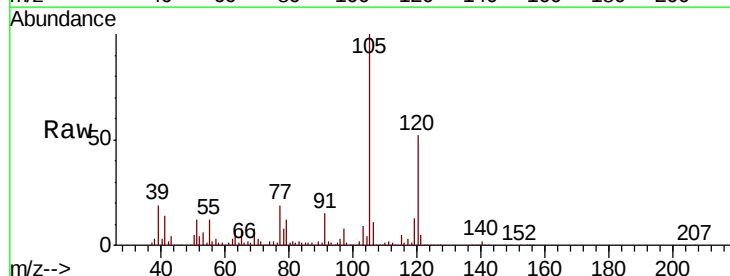
Instrument :
 MSVOA_F
 ClientSampleId :
 EP1-Q2-FD-01

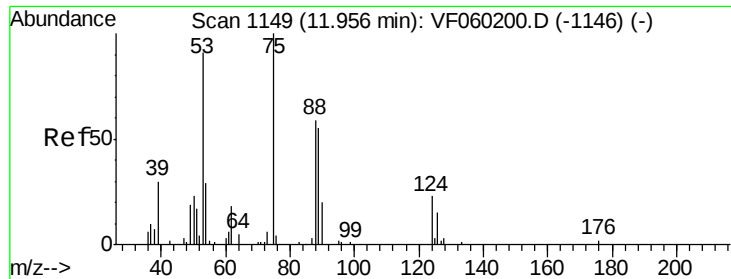
Tot Ion: 91 Resp: 31347
 Ion Ratio Lower Upper
 91 100
 126 16.6 15.2 45.5



#80
 1,3,5-Trimethylbenzene
 Concen: 487.84 ug/l
 RT: 11.94 min Scan# 1147
 Delta R.T. 0.03 min
 Lab File: VF060245.D
 Acq: 10 Sep 2018 20:00

Tgt Ion:105 Resp: 3731090
 Ion Ratio Lower Upper
 105 100
 120 51.5 21.6 64.8





#81

trans-1,4-Dichloro-2-butene

Concen: 160.54 ug/l

RT: 11.94 min Scan# 1147

Delta R.T. -0.02 min

Lab File: VF060245.D

Acq: 10 Sep 2018 20:00

Instrument :

MSVOA_F

ClientSampleId :

EP1-Q2-FD-01

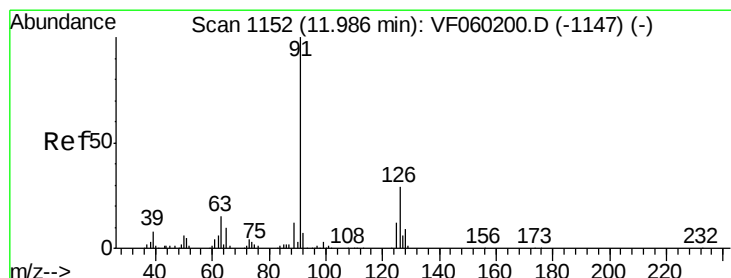
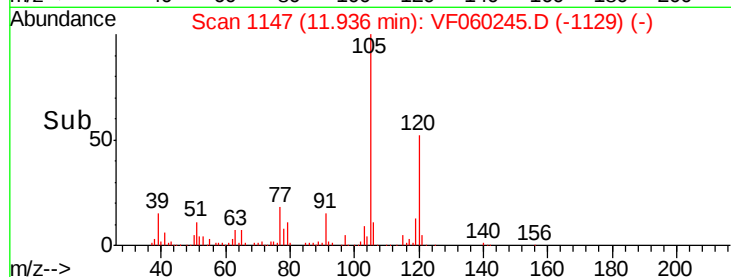
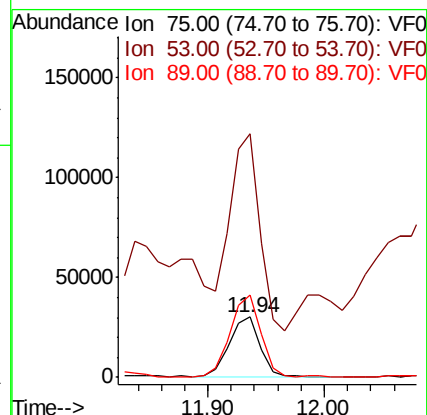
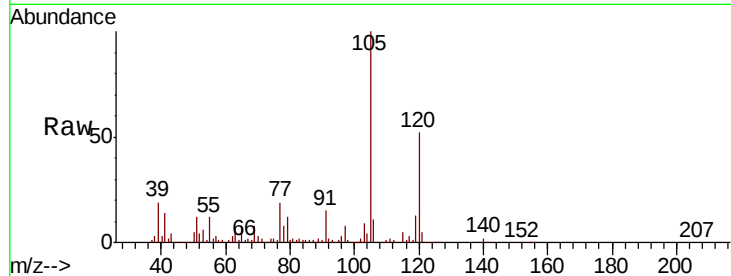
Tot Ion: 75 Resp: 53678

Ion Ratio Lower Upper

75 100

53 403.3 76.5 114.7#

89 137.1 46.5 69.7#



#82

4-Chlorotoluene

Concen: 4.06 ug/l

RT: 12.06 min Scan# 1160

Delta R.T. 0.08 min

Lab File: VF060245.D

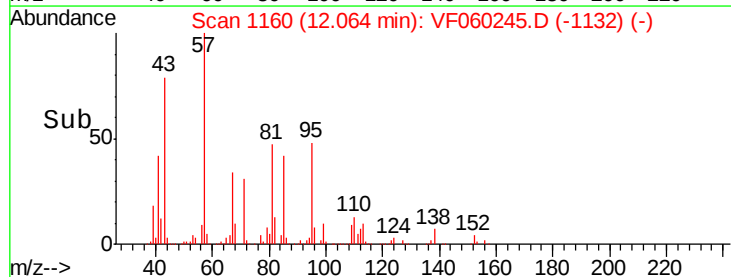
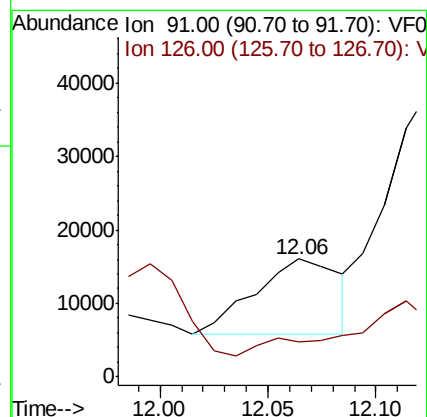
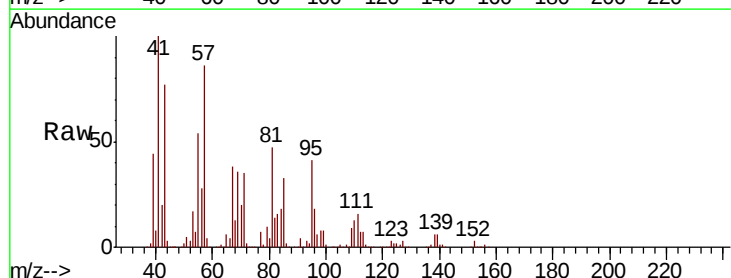
Acq: 10 Sep 2018 20:00

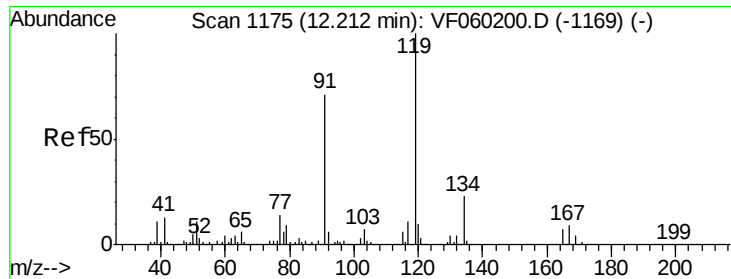
Tgt Ion: 91 Resp: 28259

Ion Ratio Lower Upper

91 100

126 30.3 14.4 43.4

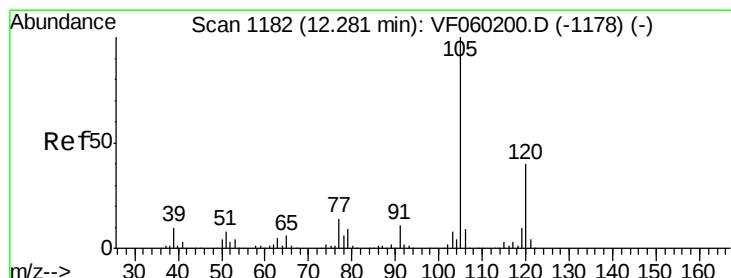
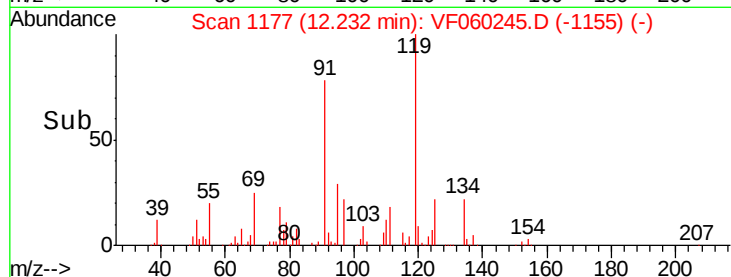
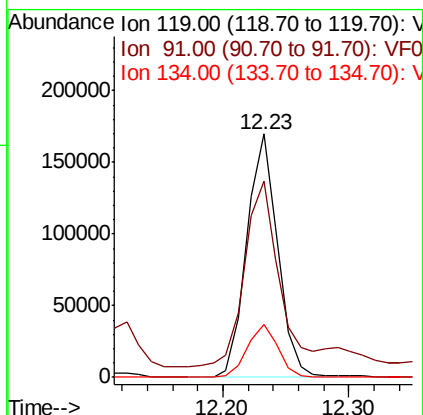
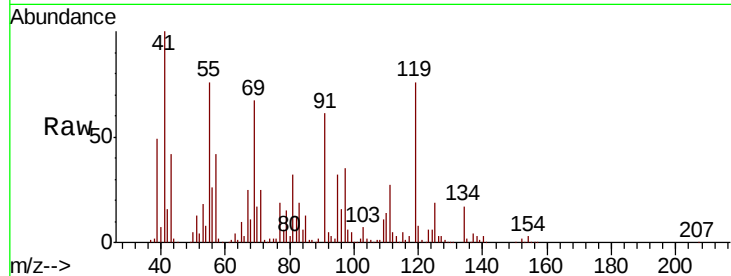




#83
tert-Butylbenzene
Concen: 41.42 ug/l
RT: 12.23 min Scan# 1177
Delta R.T. 0.02 min
Lab File: VF060245.D
Acq: 10 Sep 2018 20:00

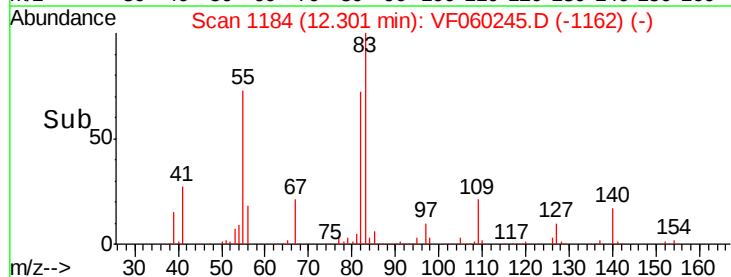
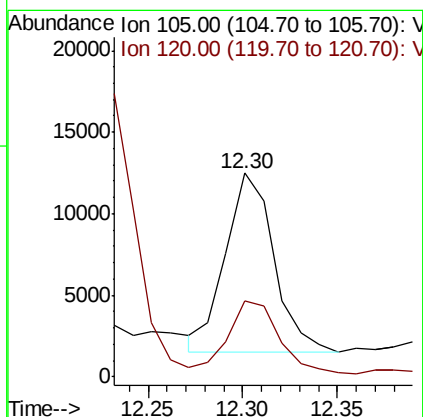
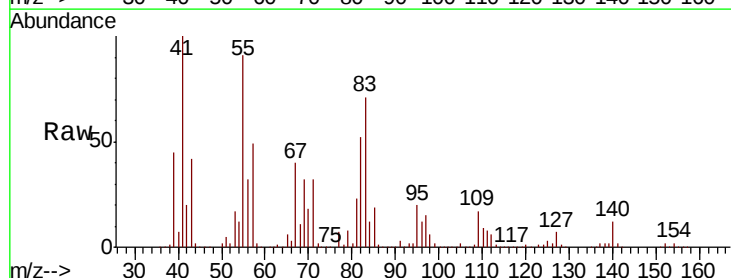
Instrument :
MSVOA_F
ClientSampleId :
EP1-Q2-FD-01

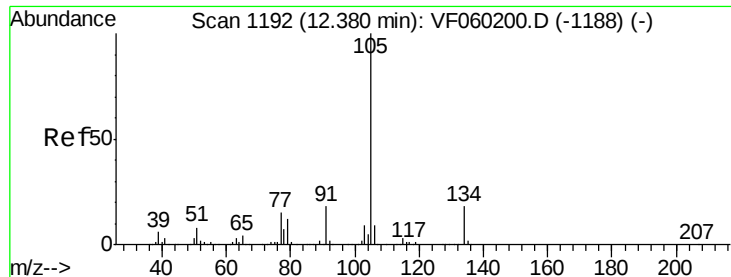
Tot Ion:119 Resp: 288677
Ion Ratio Lower Upper
119 100
91 80.7 35.8 107.4
134 22.0 11.6 34.7



#84
1,2,4-Trimethylbenzene
Concen: 2.48 ug/l
RT: 12.30 min Scan# 1184
Delta R.T. 0.02 min
Lab File: VF060245.D
Acq: 10 Sep 2018 20:00

Tgt Ion:105 Resp: 19297
Ion Ratio Lower Upper
105 100
120 37.3 20.2 60.5





#85

sec-Butylbenzene

Concen: 2.01 ug/l

RT: 12.30 min Scan# 1184

Delta R.T. -0.08 min

Lab File: VF060245.D

Acq: 10 Sep 2018 20:00

Instrument :

MSVOA_F

ClientSampleId :

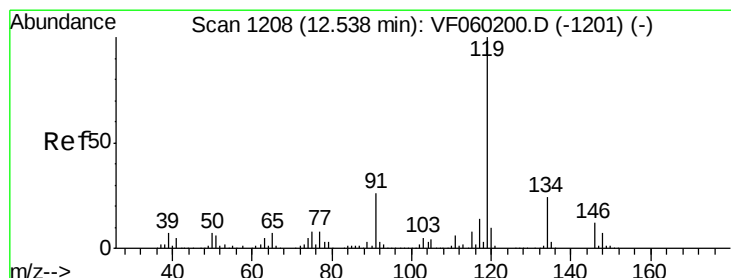
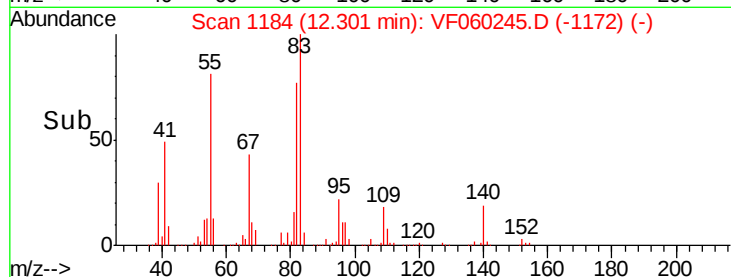
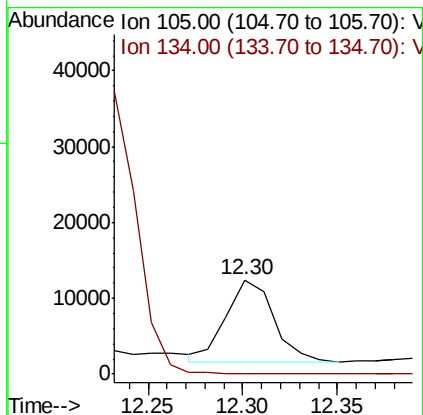
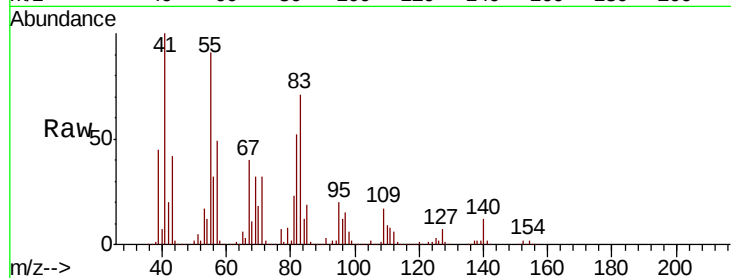
EP1-Q2-FD-01

Tot Ion:105 Resp: 19297

Ion Ratio Lower Upper

105 100

134 0.0 8.8 26.5#



#86

p-Isopropyltoluene

Concen: 413.24 ug/l

RT: 12.53 min Scan# 1207

Delta R.T. -0.01 min

Lab File: VF060245.D

Acq: 10 Sep 2018 20:00

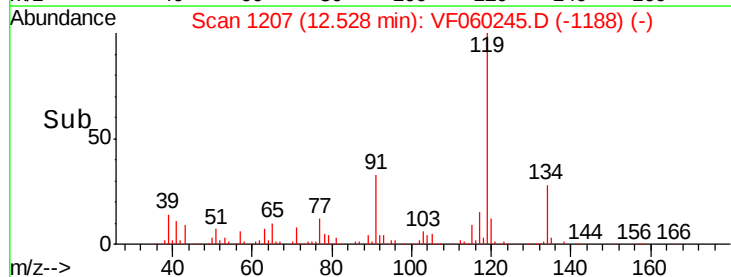
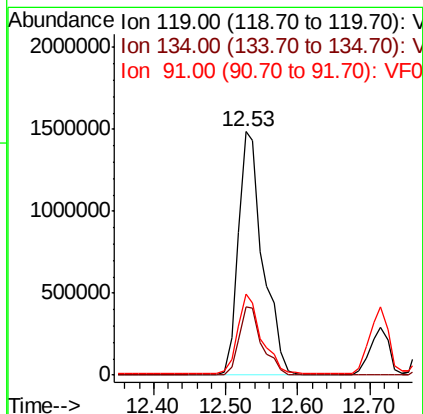
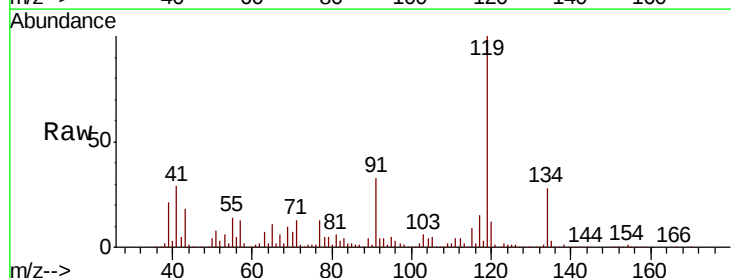
Tgt Ion:119 Resp: 3527970

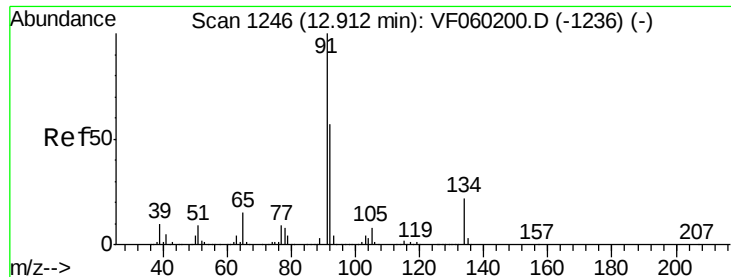
Ion Ratio Lower Upper

119 100

134 28.1 12.0 36.0

91 33.3 12.9 38.7





#89

n-Butylbenzene

Concen: 187.20 ug/l

RT: 12.93 min Scan# 1248

Delta R.T. 0.02 min

Lab File: VF060245.D

Acq: 10 Sep 2018 20:00

Instrument :

MSVOA_F

ClientSampleId :

EP1-Q2-FD-01

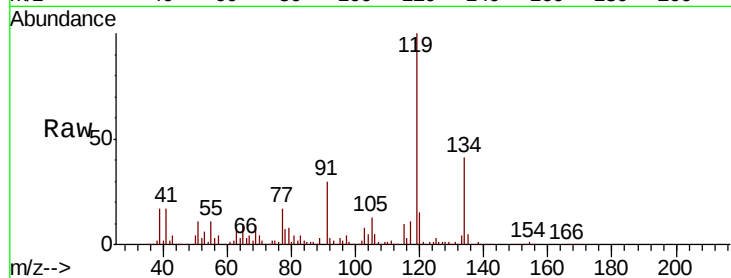
Tot Ion: 91 Resp: 1545736

Ion Ratio Lower Upper

91 100

92 10.5 28.4 85.3#

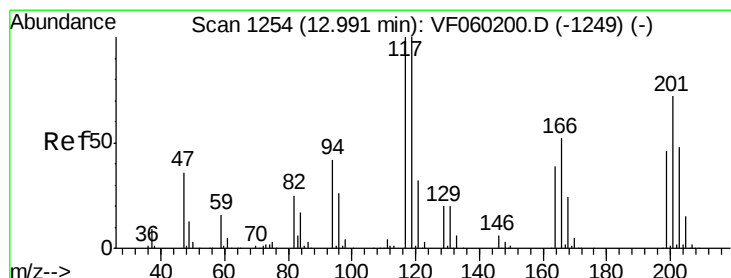
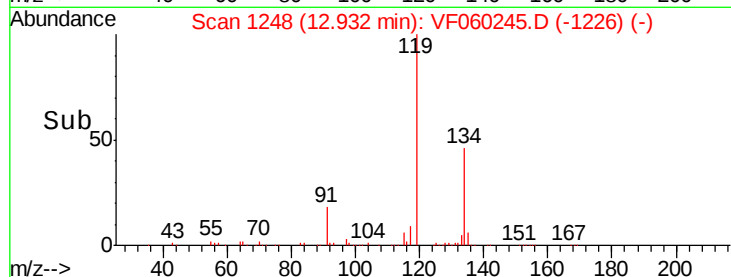
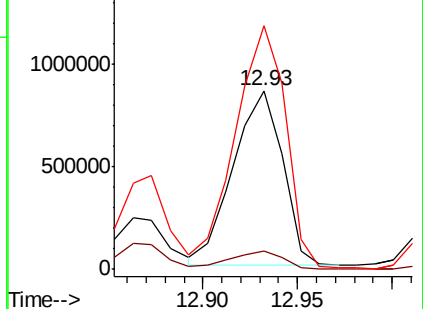
134 136.4 11.1 33.3#



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



#90

Hexachloroethane

Concen: 127.27 ug/l

RT: 13.02 min Scan# 1257

Delta R.T. 0.03 min

Lab File: VF060245.D

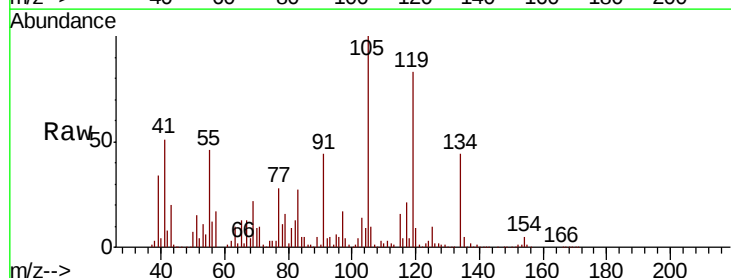
Acq: 10 Sep 2018 20:00

Tgt Ion: 117 Resp: 220257

Ion Ratio Lower Upper

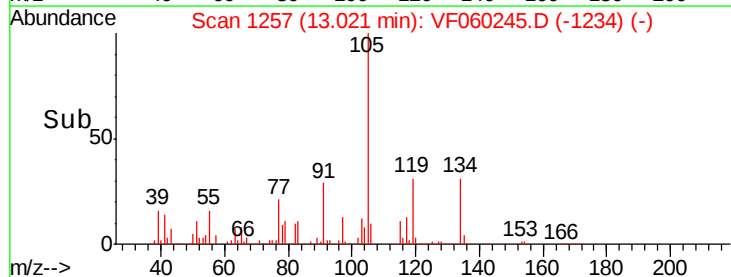
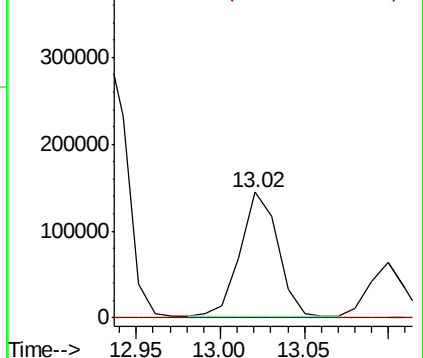
117 100

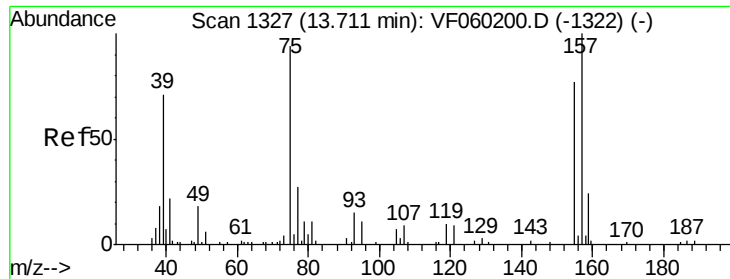
201 0.0 35.7 107.1#



Abundance Ion 117.00 (116.70 to 117.70): V

Ion 201.00 (200.70 to 201.70): V





#92

1,2-Dibromo-3-Chloropropane

Concen: 93.04 ug/l

RT: 13.72 min Scan# 1328

Delta R.T. 0.01 min

Lab File: VF060245.D

Acq: 10 Sep 2018 20:00

Instrument :

MSVOA_F

ClientSampleId :

EP1-Q2-FD-01

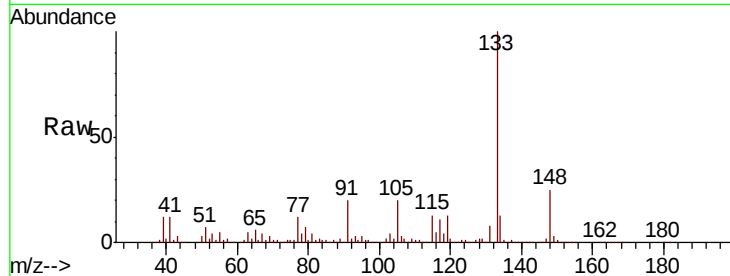
Tot Ion: 75 Resp: 30933

Ion Ratio Lower Upper

75 100

155 3.2 40.8 122.5#

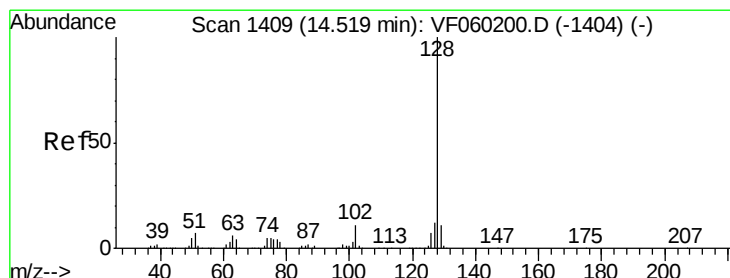
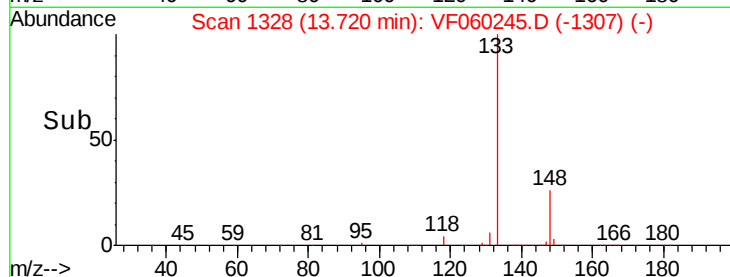
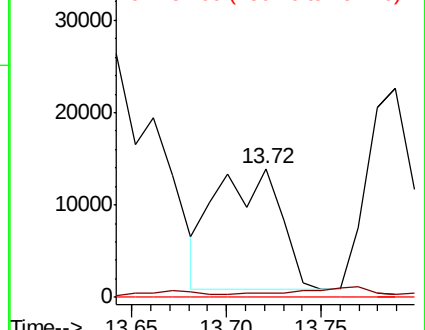
157 0.0 53.3 159.9#



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



#95

Naphthalene

Concen: 13.40 ug/l

RT: 14.53 min Scan# 1410

Delta R.T. 0.01 min

Lab File: VF060245.D

Acq: 10 Sep 2018 20:00

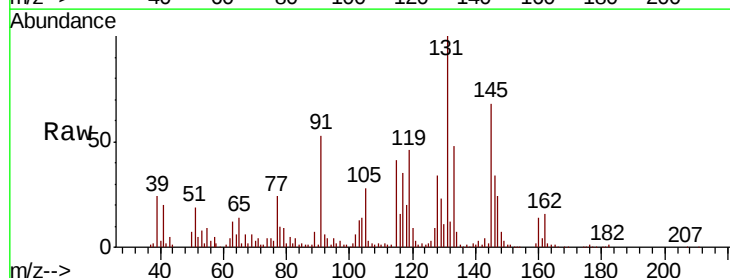
Tgt Ion: 128 Resp: 54096

Ion Ratio Lower Upper

128 100

127 27.0 9.9 14.9#

129 67.3 8.9 13.3#



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

