

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF100218\
 Data File : VF060414.D
 Acq On : 2 Oct 2018 20:46
 Operator : VA/AP
 Sample : J5165-01
 Misc : 6.23/5mL/MSVOA F/SOIL
 ALS Vial : 49 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 EP1-MW-G-092718(7-10)

Quant Time: Oct 03 02:37:19 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F100118S.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 02 11:42:56 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.02	168	287785	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.74	114	469278	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.90	117	289885	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.63	152	194456	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	5.00	65	170407	37.84	ug/l	0.00
Spiked Amount			Recovery	=	75.68%	
35) Dibromofluoromethane	4.27	113	210466	47.74	ug/l	0.00
Spiked Amount			Recovery	=	95.48%	
50) Toluene-d8	7.69	98	467597	43.07	ug/l	0.00
Spiked Amount			Recovery	=	86.14%	
62) 4-Bromofluorobenzene	11.51	95	448243	90.42	ug/l	0.02
Spiked Amount			Recovery	=	180.84%	

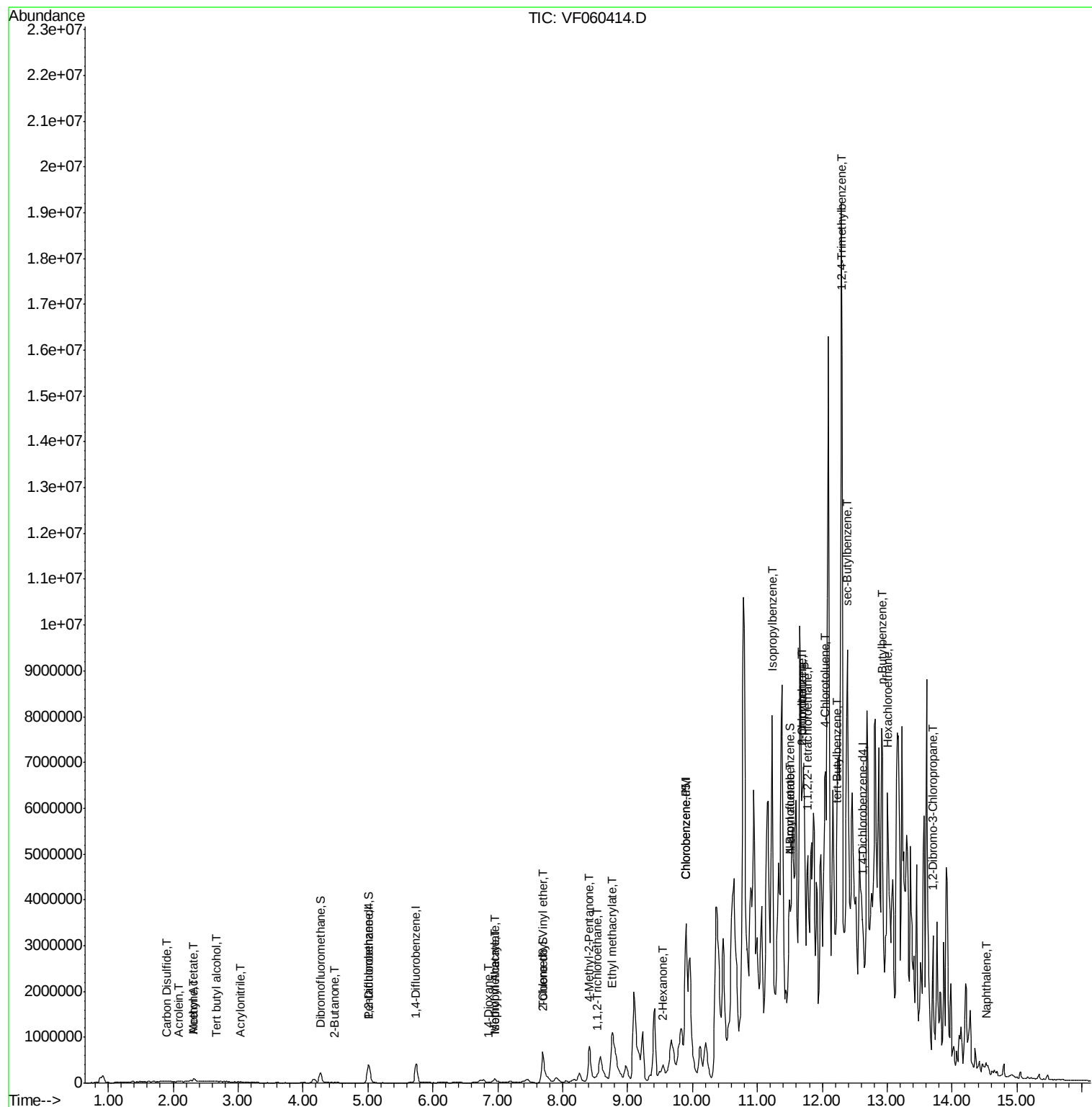
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	0.98	85	503	Below Cal	#	43
11) Tert butyl alcohol	2.68	59	1382	5.074	ug/l #	1
13) Acrolein	2.10	56	839	3.830	ug/l #	1
15) Acrylonitrile	3.05	53	571	1.223	ug/l #	40
16) Acetone	2.32	43	57810	42.668	ug/l #	92
17) Carbon Disulfide	1.90	76	48190	4.559	ug/l	96
18) Methyl Acetate	2.32	43	57810	33.574	ug/l #	57
20) Methylene Chloride	2.27	84	14181	Below Cal		82
25) 2-Butanone	4.49	43	4194	3.597	ug/l	100
43) Isopropyl Acetate	6.95	43	81823	30.559	ug/l #	44
48) Methyl methacrylate	6.95	41	32779	17.054	ug/l #	41
49) 1,4-Dioxane	6.84	88	111	6.698	ug/l #	1
51) 4-Methyl-2-Pentanone	8.41	43	533607	279.964	ug/l #	44
55) 1,1,2-Trichloroethane	8.52	97	62846	25.414	ug/l #	48
56) Ethyl methacrylate	8.77	69	921937	328.094	ug/l #	73
58) 2-Chloroethyl Vinyl ether	7.71	63	1970	6.863	ug/l	100
59) 2-Hexanone	9.54	43	113753	81.368	ug/l #	30
65) Chlorobenzene	9.90	112	29150	4.895	ug/l #	45
73) Isopropylbenzene	11.22	105	825202	53.896	ug/l	99
74) N-amyl acetate	11.50	43	404429	115.092	ug/l #	40
75) 1,1,2,2-Tetrachloroethane	11.76	83	569139	203.889	ug/l #	34
78) n-propylbenzene	11.68	91	2103942	113.350	ug/l	95
79) 2-Chlorotoluene	11.68	91	2103942	193.774	ug/l #	46
82) 4-Chlorotoluene	12.05	91	47192	4.248	ug/l	88
83) tert-Butylbenzene	12.22	119	512632	39.954	ug/l	93
84) 1,2,4-Trimethylbenzene	12.29	105	4503097	349.057	ug/l	87
85) sec-Butylbenzene	12.39	105	2334863	131.839	ug/l #	70
89) n-Butylbenzene	12.92	91	1251035	81.712	ug/l	98
90) Hexachloroethane	13.00	117	172348	46.088	ug/l #	27
92) 1,2-Dibromo-3-Chloropropan	13.70	75	9137	16.884	ug/l #	11
95) Naphthalene	14.51	128	33678	4.084	ug/l #	57

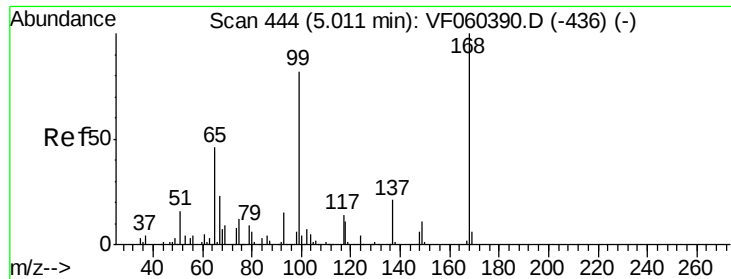
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.02 min Scan# 445

Delta R.T. 0.01 min

Lab File: VF060414.D

Acq: 2 Oct 2018 20:46

Instrument :

MSVOA_F

ClientSampleId :

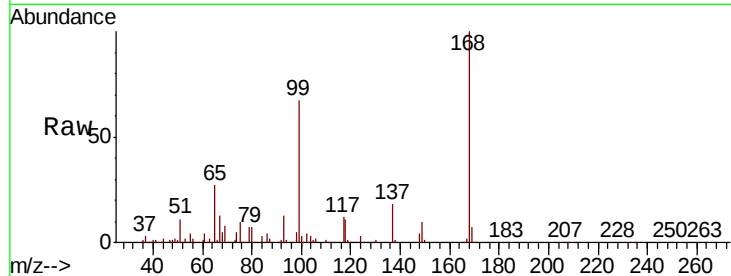
EP1-MW-G-092718(7-10)

Tot Ion:168 Resp: 287785

Ion Ratio Lower Upper

168 100

99 67.3 65.3 97.9



Abundance Ion 168.00 (167.70 to 168.70): VF0

Ion 99.00 (98.70 to 99.70): VF0

5.02

100000

80000

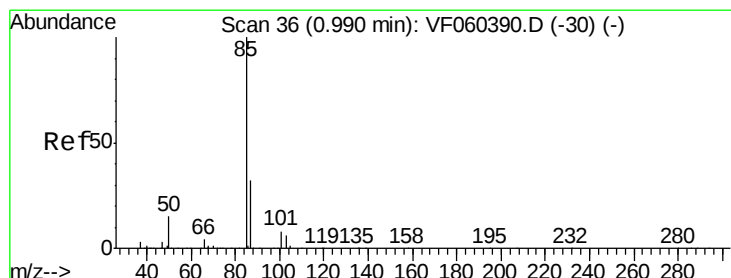
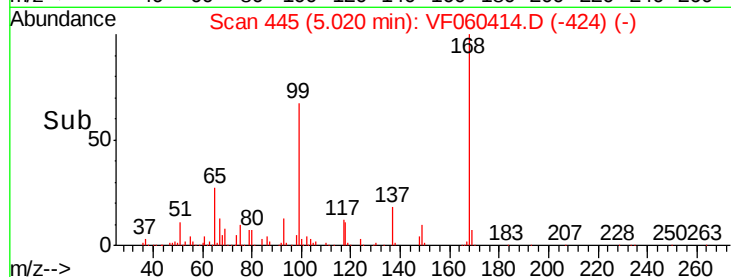
60000

40000

20000

0

Time-->



#2

Dichlorodifluoromethane

Concen: Below Cal

RT: 0.98 min Scan# 35

Delta R.T. -0.01 min

Lab File: VF060414.D

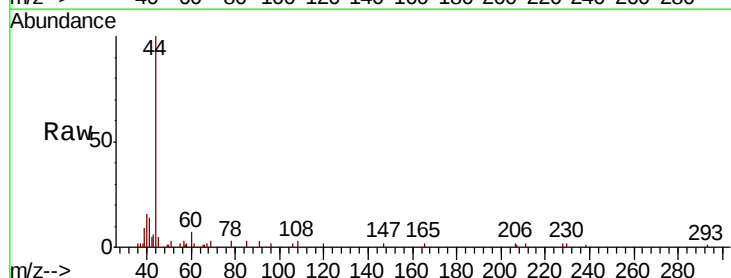
Acq: 2 Oct 2018 20:46

Tgt Ion: 85 Resp: 503

Ion Ratio Lower Upper

85 100

87 0.0 15.9 47.6#



Abundance Ion 85.00 (84.70 to 85.70): VF0

Ion 87.00 (86.70 to 87.70): VF0

0.98

250

200

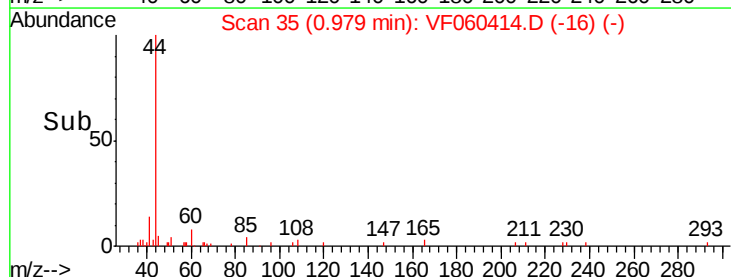
150

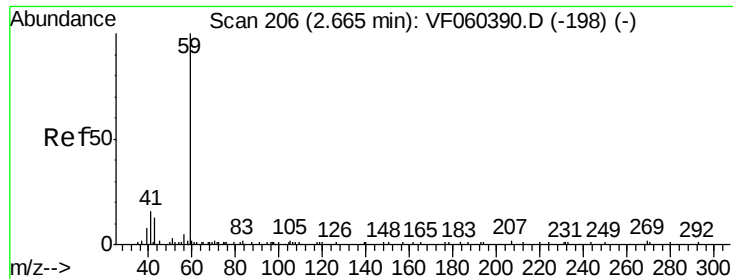
100

50

0

Time-->

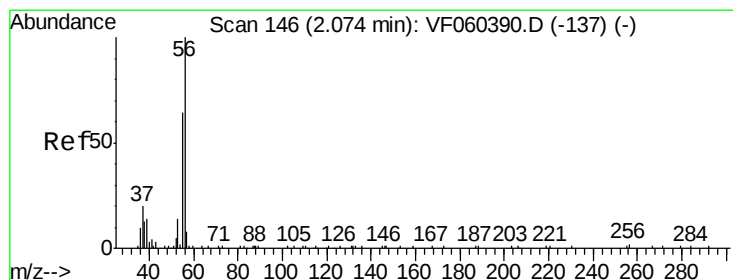
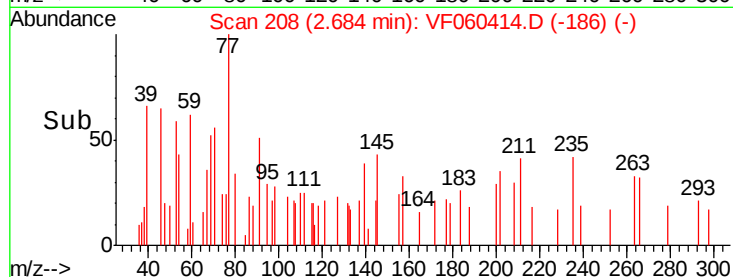
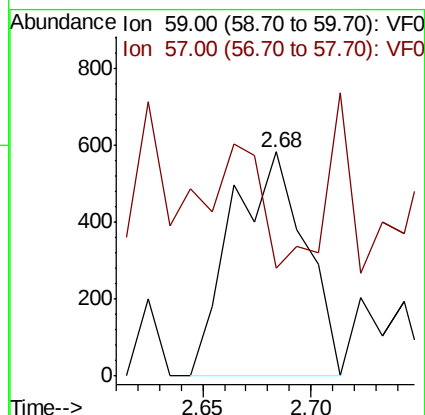
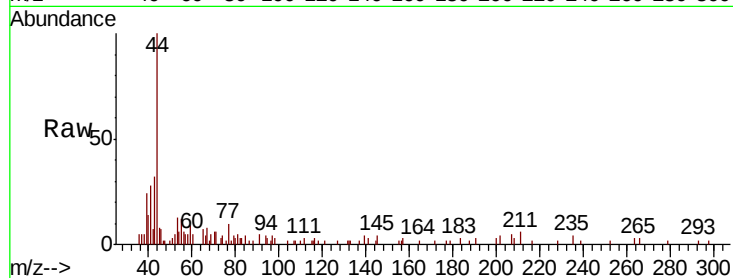




#11
Tert butyl alcohol
Concen: 5.074 ug/l
RT: 2.68 min Scan# 208
Delta R.T. 0.02 min
Lab File: VF060414.D
Acq: 2 Oct 2018 20:46

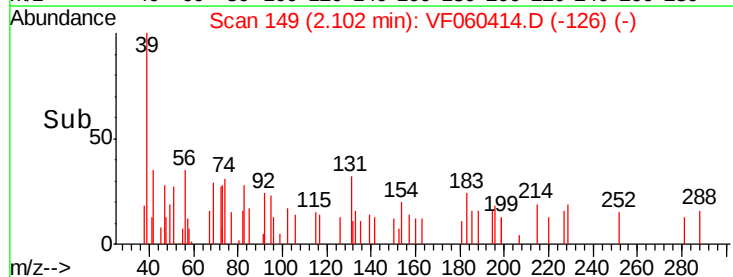
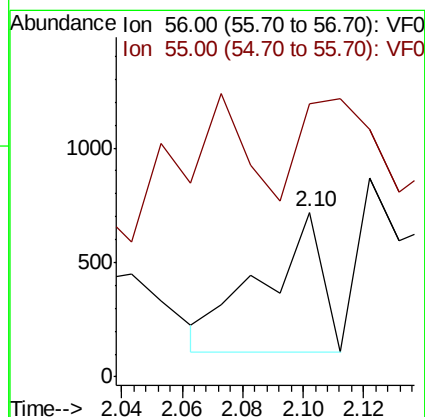
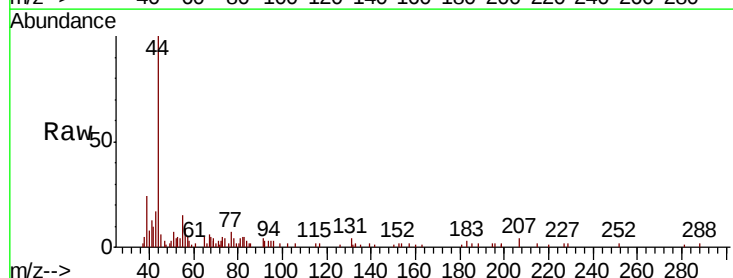
Instrument :
MSVOA_F
ClientSampleId :
EP1-MW-G-092718(7-10)

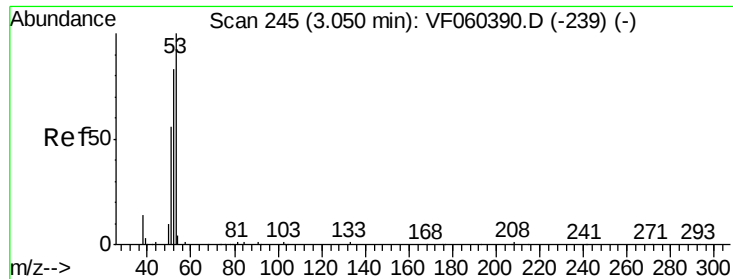
Tot Ion: 59 Resp: 1382
Ion Ratio Lower Upper
59 100
57 48.2 6.5 9.7#



#13
Acrolein
Concen: 3.830 ug/l
RT: 2.10 min Scan# 149
Delta R.T. 0.03 min
Lab File: VF060414.D
Acq: 2 Oct 2018 20:46

Tgt Ion: 56 Resp: 839
Ion Ratio Lower Upper
56 100
55 165.8 53.9 80.9#





#15

Acrylonitrile

Concen: 1.223 ug/l

RT: 3.05 min Scan# 245

Delta R.T. -0.00 min

Lab File: VF060414.D

Acq: 2 Oct 2018 20:46

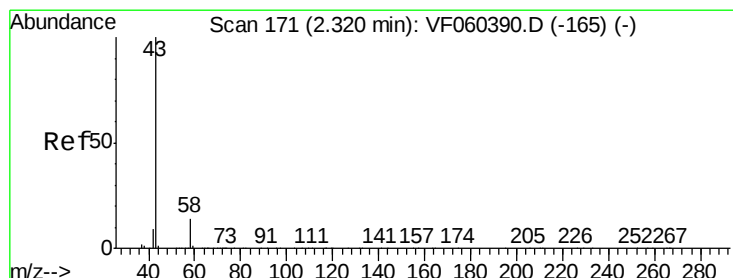
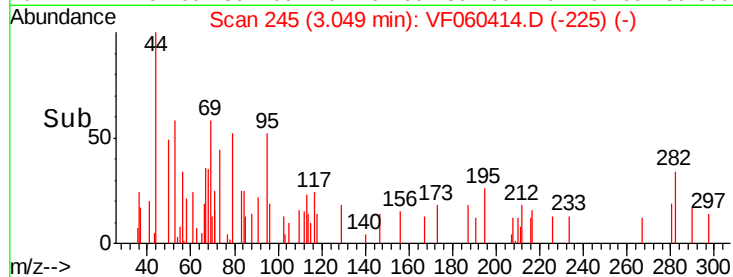
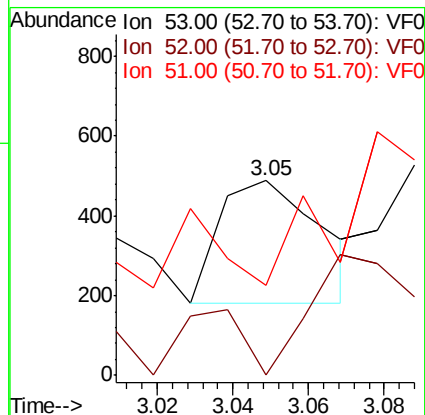
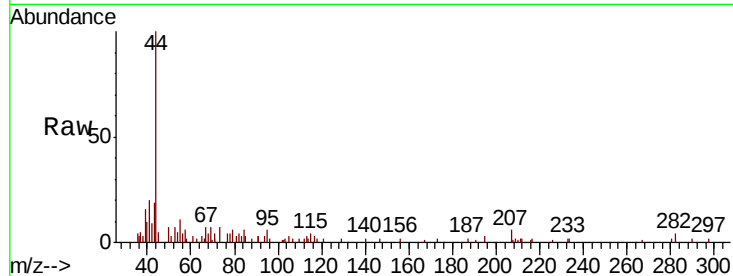
Instrument :

MSVOA_F

ClientSampleId :

EP1-MW-G-092718(7-10)

Tot Ion:	53	Resp:	571
Ion	Ratio	Lower	Upper
53	100		
52	0.0	66.0	99.0#
51	46.5	45.6	68.4



#16

Acetone

Concen: 42.668 ug/l

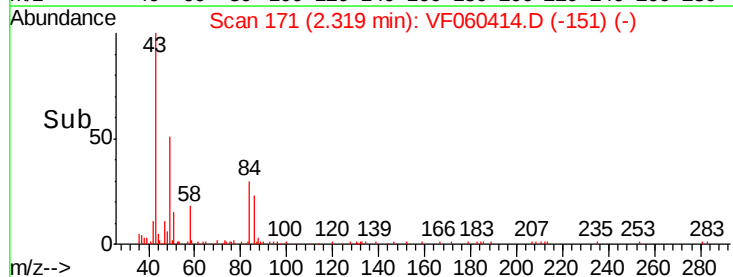
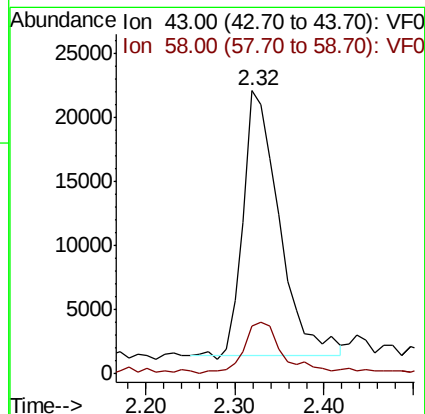
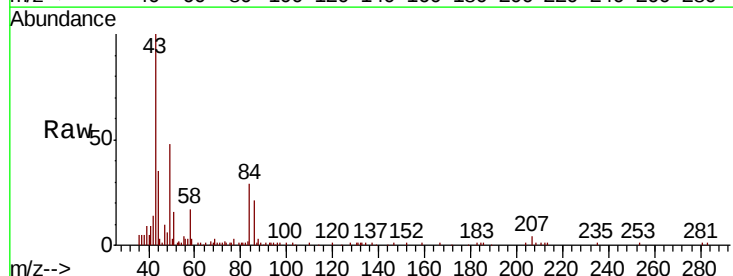
RT: 2.32 min Scan# 171

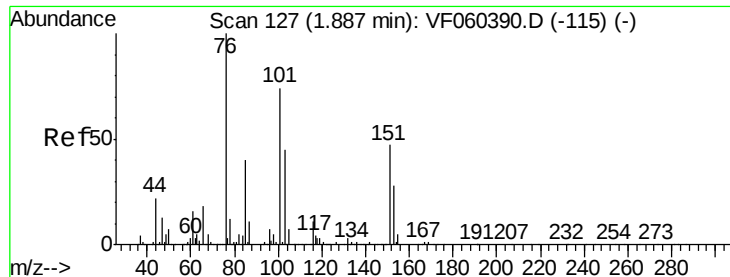
Delta R.T. -0.00 min

Lab File: VF060414.D

Acq: 2 Oct 2018 20:46

Tgt Ion:	43	Resp:	57810
Ion	Ratio	Lower	Upper
43	100		
58	17.1	11.2	16.8#

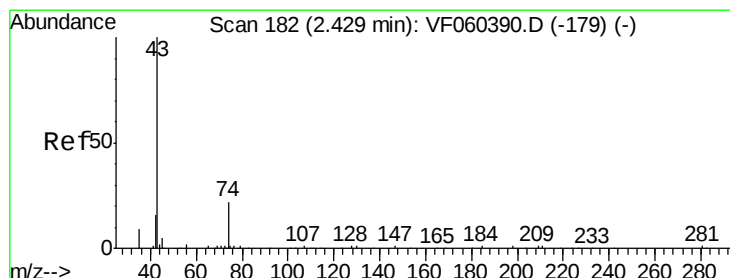
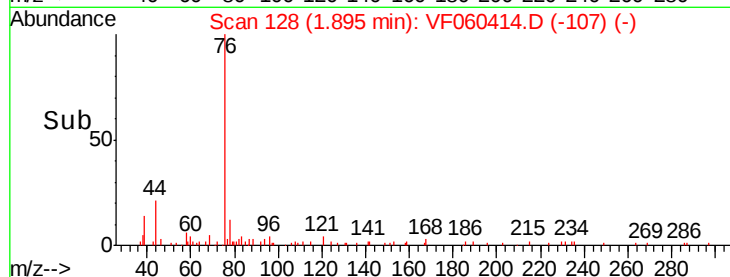
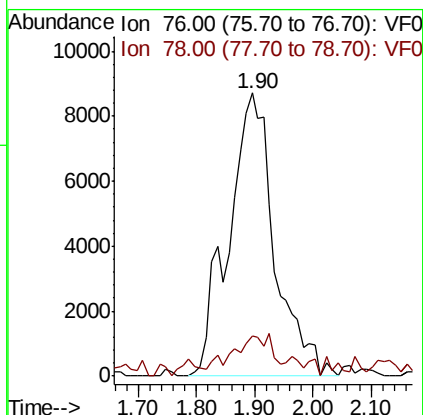
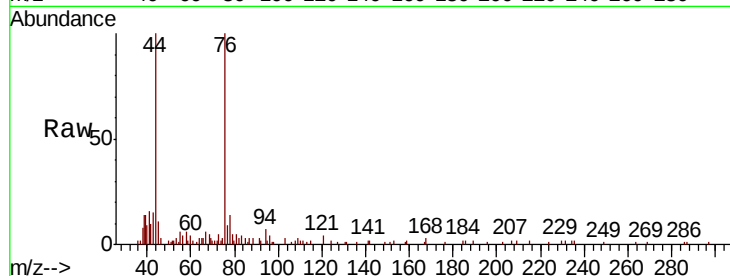




#17
Carbon Disulfide
Concen: 4.559 ug/l
RT: 1.90 min Scan# 128
Delta R.T. 0.01 min
Lab File: VF060414.D
Acq: 2 Oct 2018 20:46

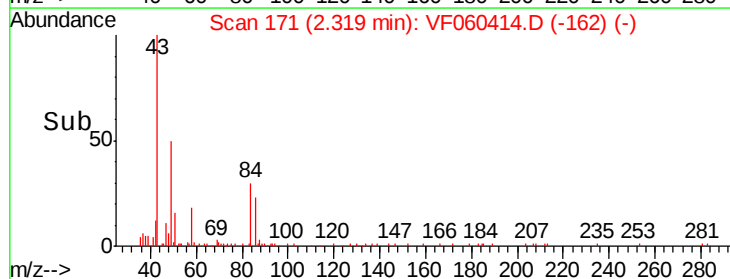
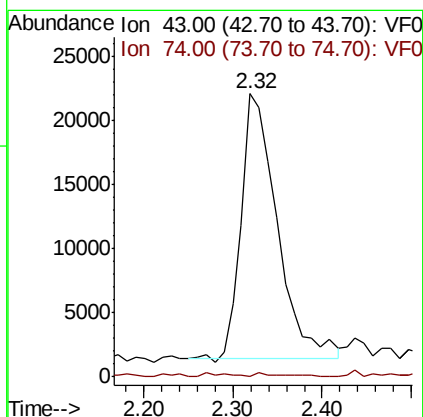
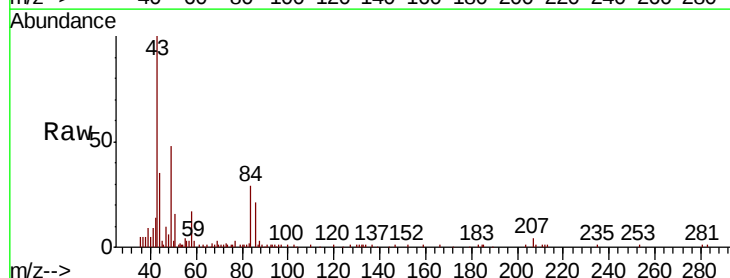
Instrument :
MSVOA_F
ClientSampleId :
EP1-MW-G-092718(7-10)

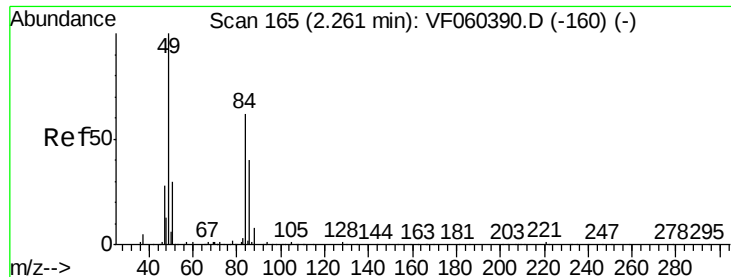
Tot Ion: 76 Resp: 48190
Ion Ratio Lower Upper
76 100
78 14.2 10.1 15.1



#18
Methyl Acetate
Concen: 33.574 ug/l
RT: 2.32 min Scan# 171
Delta R.T. -0.11 min
Lab File: VF060414.D
Acq: 2 Oct 2018 20:46

Tgt Ion: 43 Resp: 57810
Ion Ratio Lower Upper
43 100
74 0.0 15.8 23.8#

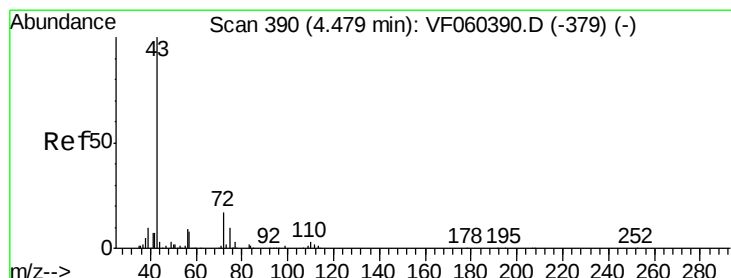
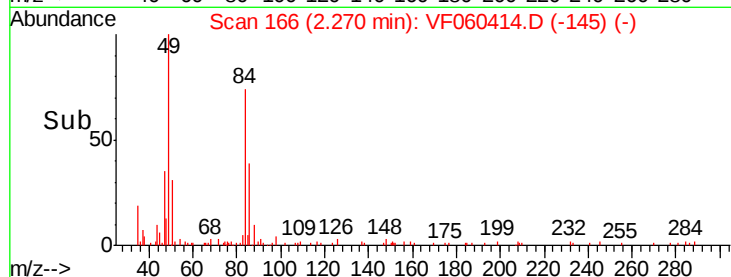
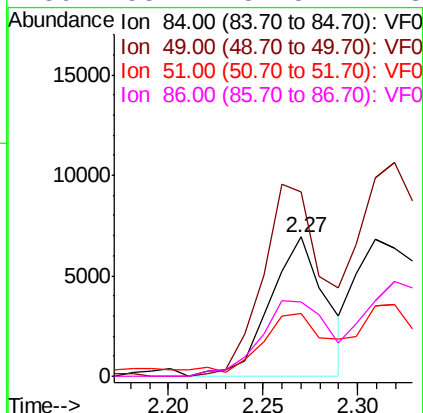
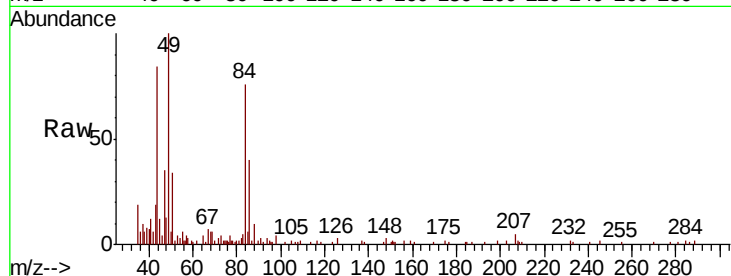




#20
Methvlene Chloride
Concen: Below Cal
RT: 2.27 min Scan# 166
Delta R.T. 0.01 min
Lab File: VF060414.D
Acq: 2 Oct 2018 20:46

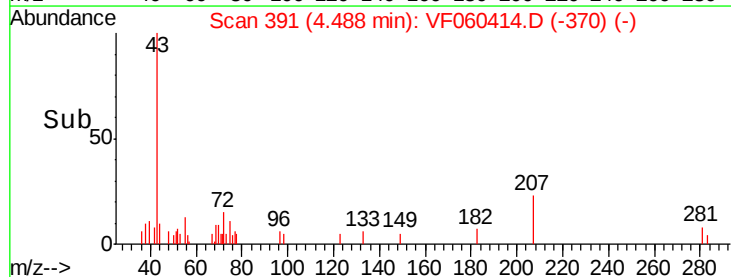
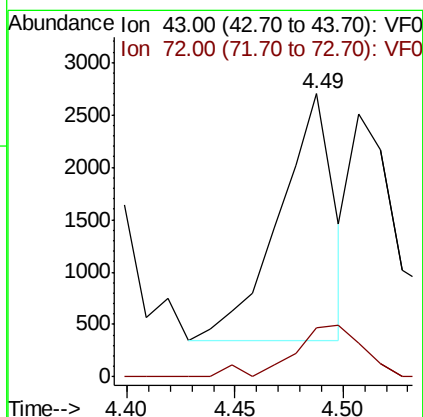
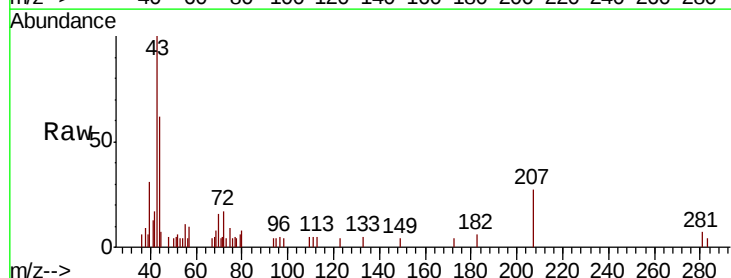
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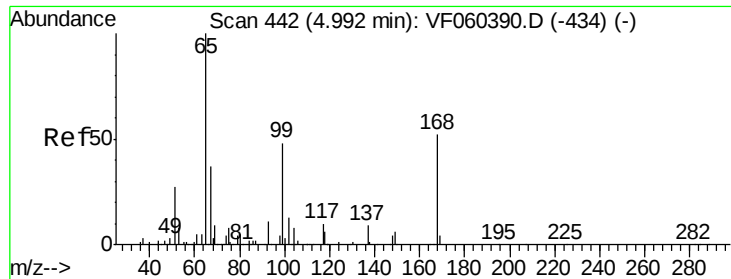
Tot Ion: 84 Resp: 14181
Ion Ratio Lower Upper
84 100
49 132.2 130.2 195.2
51 45.3 41.0 61.6
86 53.2 51.5 77.3



#25
2-Butanone
Concen: 3.597 ug/l
RT: 4.49 min Scan# 391
Delta R.T. 0.01 min
Lab File: VF060414.D
Acq: 2 Oct 2018 20:46

Tgt Ion: 43 Resp: 4194
Ion Ratio Lower Upper
43 100
72 17.5 14.1 21.1





#33

1,2-Dichloroethane-d4

Concen: 37.842 ug/l

RT: 5.00 min Scan# 443

Delta R.T. 0.01 min

Lab File: VF060414.D

Acq: 2 Oct 2018 20:46

Instrument :

MSVOA_F

ClientSampleId :

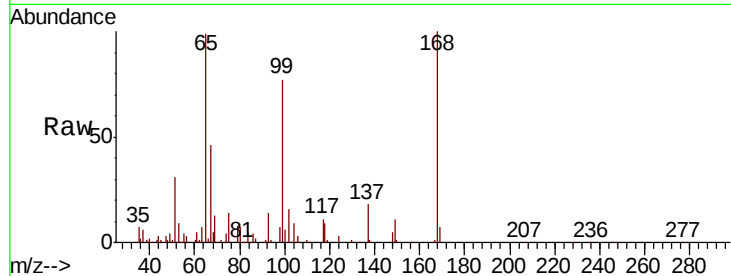
EP1-MW-G-092718(7-10)

Tot Ion: 65 Resp: 170407

Ion Ratio Lower Upper

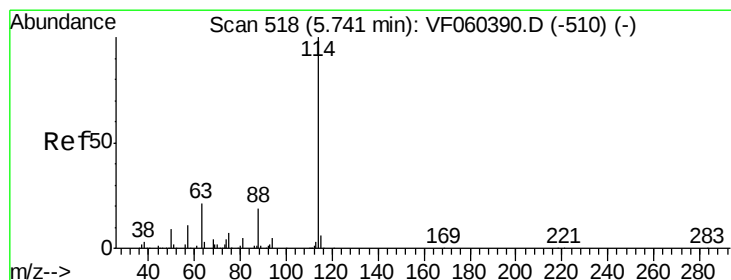
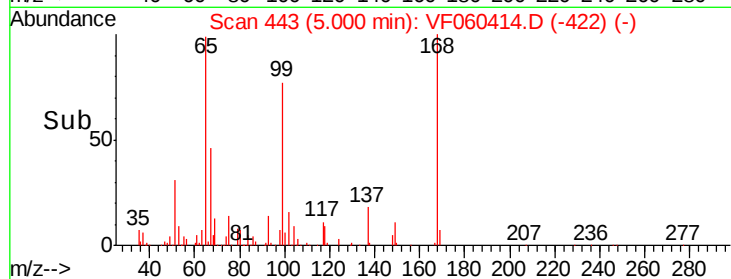
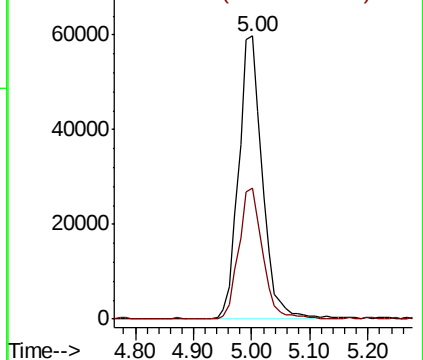
65 100

67 46.3 0.0 89.4



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: 5.74 min Scan# 518

Delta R.T. -0.00 min

Lab File: VF060414.D

Acq: 2 Oct 2018 20:46

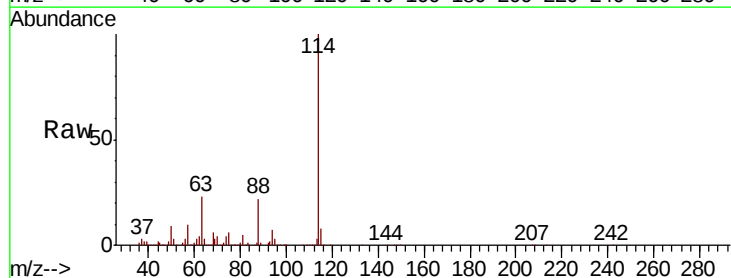
Tgt Ion:114 Resp: 469278

Ion Ratio Lower Upper

114 100

63 22.5 0.0 42.2

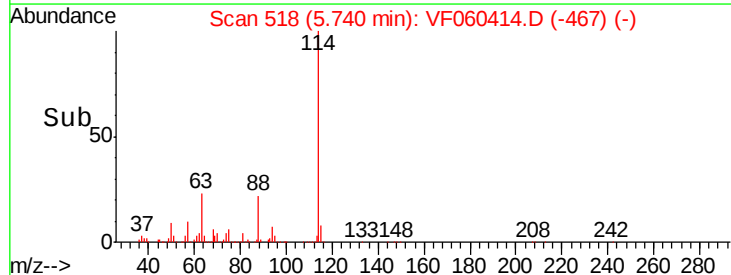
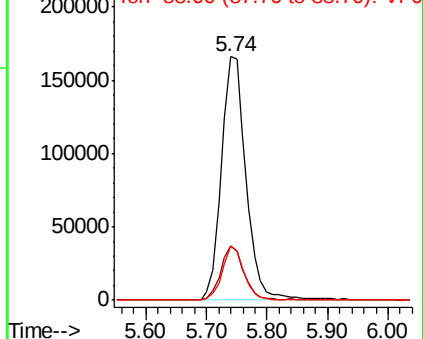
88 22.1 0.0 38.8

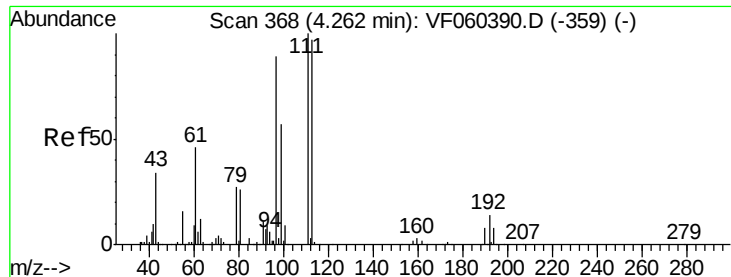


Abundance Ion 114.00 (113.70 to 114.70): V

Ion 63.00 (62.70 to 63.70): VF0

Ion 88.00 (87.70 to 88.70): VF0

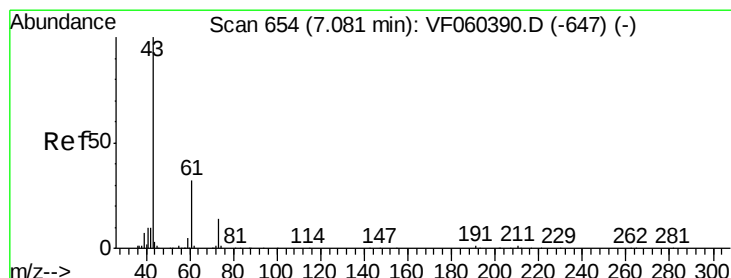
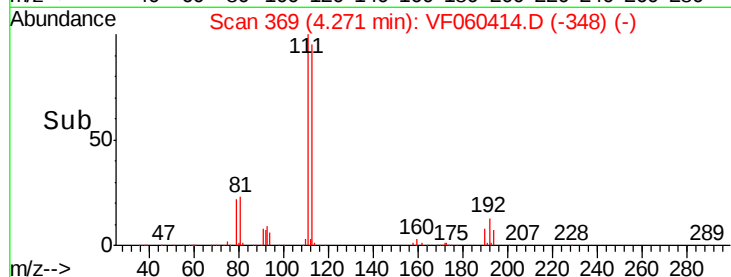
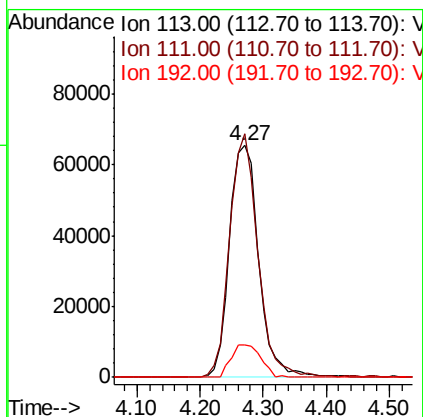
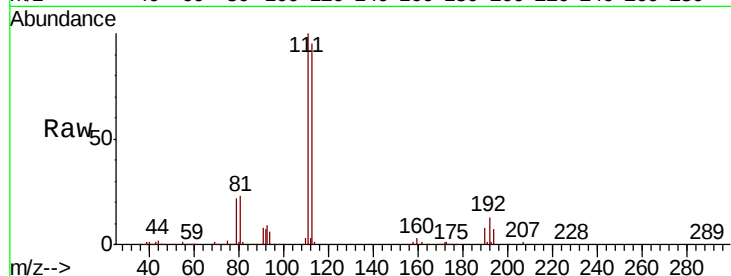




#35
 Dibromofluoromethane
 Concen: 47.740 ug/l
 RT: 4.27 min Scan# 369
 Delta R.T. 0.01 min
 Lab File: VF060414.D
 Acq: 2 Oct 2018 20:46

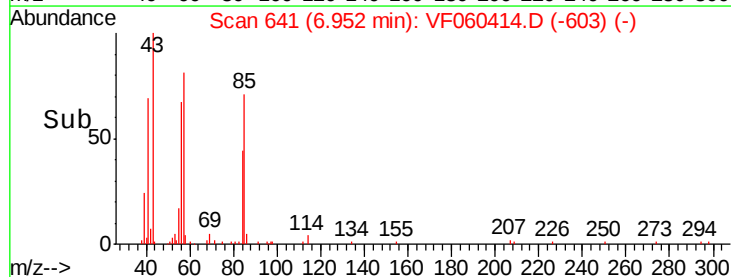
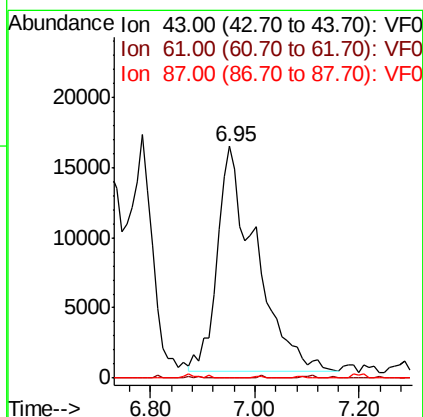
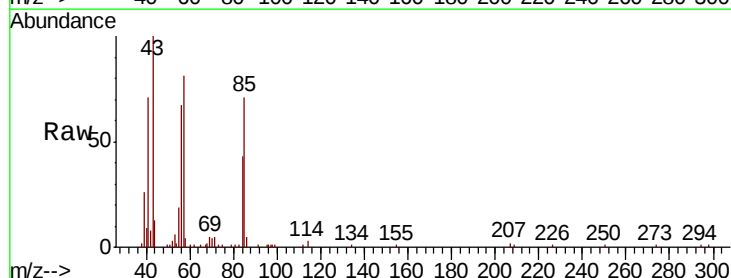
Instrument :
 MSVOA_F
 ClientSampleId :
 EP1-MW-G-092718(7-10)

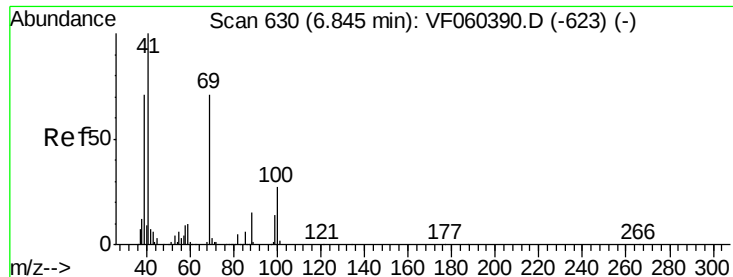
Tot Ion	Ratio	Lower	Upper
113	100		
111	105.0	82.3	123.5
192	14.1	11.8	17.6



#43
 Isopropyl Acetate
 Concen: 30.559 ug/l
 RT: 6.95 min Scan# 641
 Delta R.T. -0.13 min
 Lab File: VF060414.D
 Acq: 2 Oct 2018 20:46

Tgt Ion	Ratio	Lower	Upper
43	100		
61	0.0	25.4	38.2#
87	0.0	0.3	0.5#

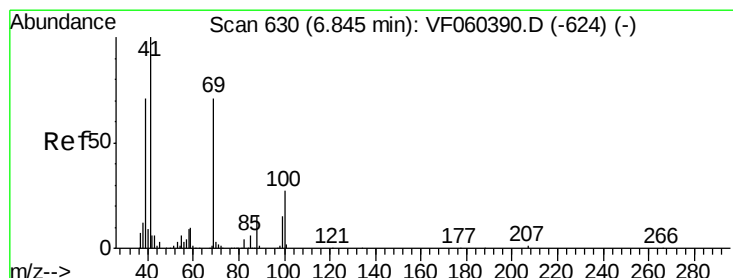
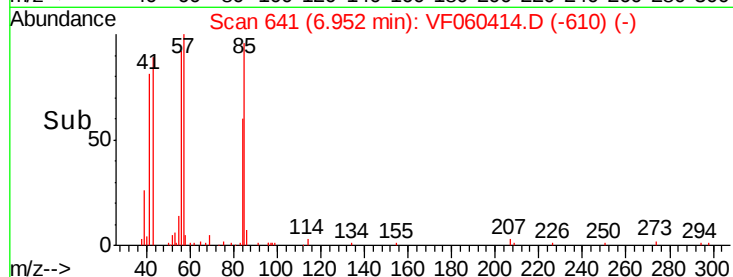
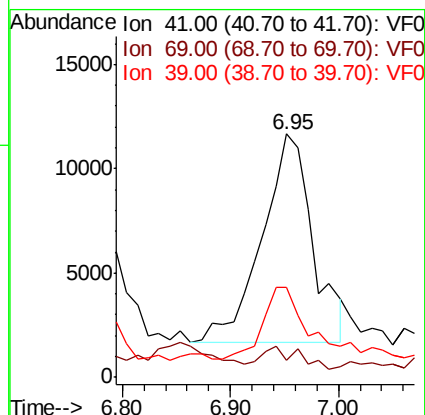
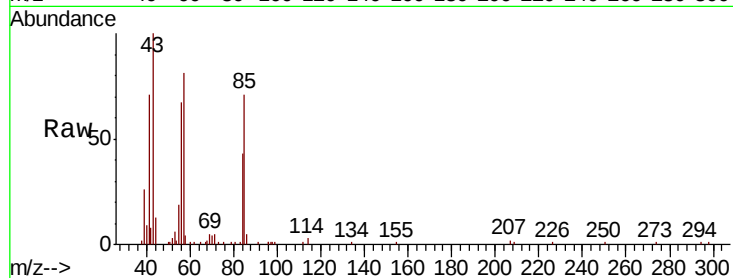




#48
Methyl methacrylate
Concen: 17.054 ug/l
RT: 6.95 min Scan# 641
Delta R.T. 0.11 min
Lab File: VF060414.D
Acq: 2 Oct 2018 20:46

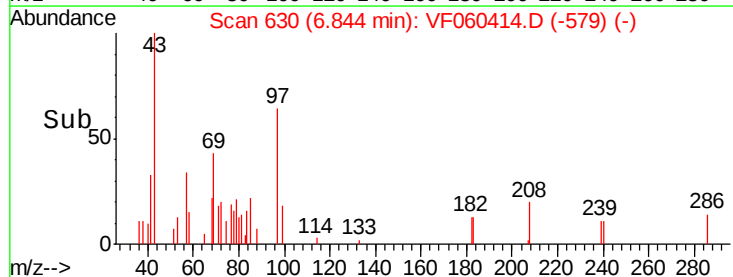
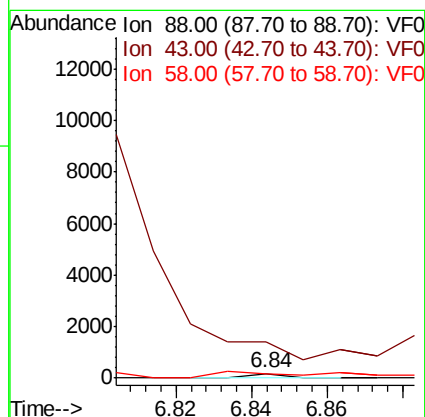
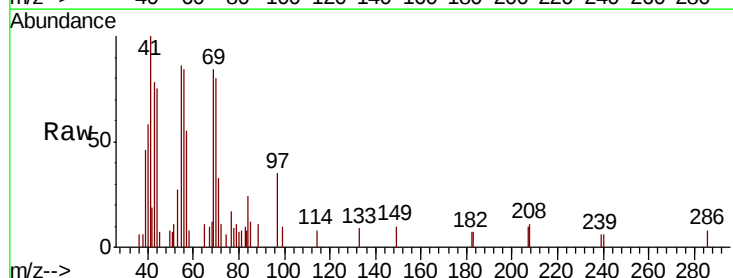
Instrument :
MSVOA_F
ClientSampleId :
EP1-MW-G-092718(7-10)

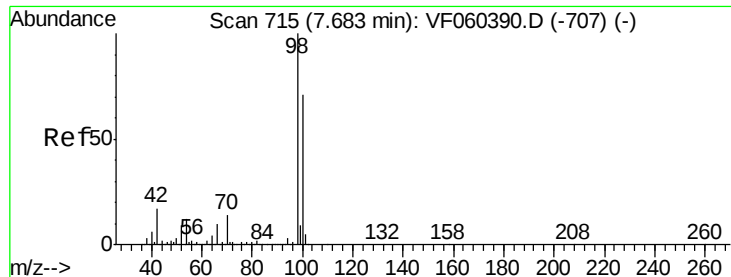
Tot Ion: 41 Resp: 32779
Ion Ratio Lower Upper
41 100
69 7.2 56.3 84.5#
39 36.8 56.9 85.3#



#49
1,4-Dioxane
Concen: 6.698 ug/l
RT: 6.84 min Scan# 630
Delta R.T. -0.00 min
Lab File: VF060414.D
Acq: 2 Oct 2018 20:46

Tgt Ion: 88 Resp: 111
Ion Ratio Lower Upper
88 100
43 737.8 38.3 57.5#
58 75.5 47.4 71.2#

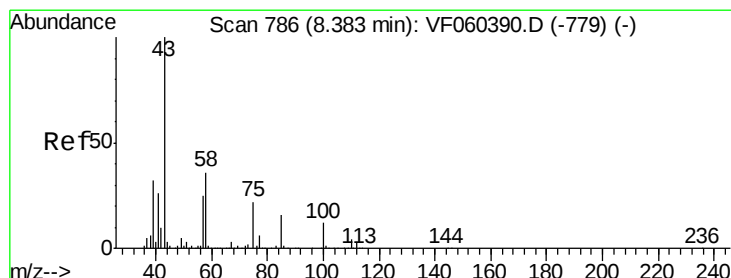
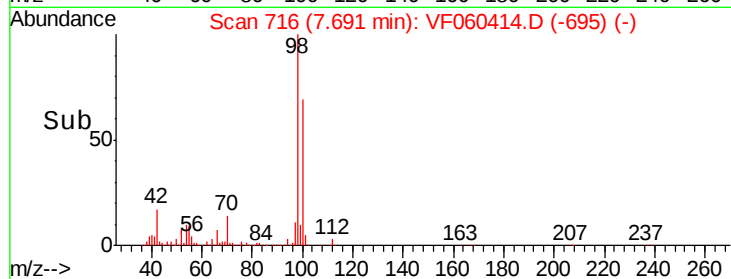
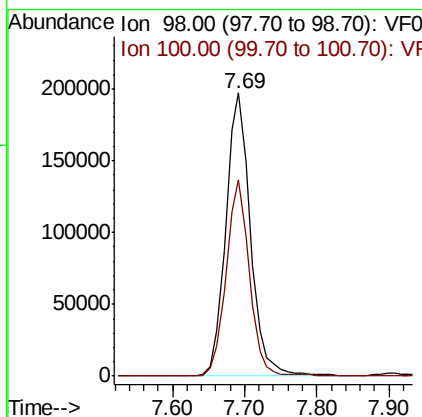
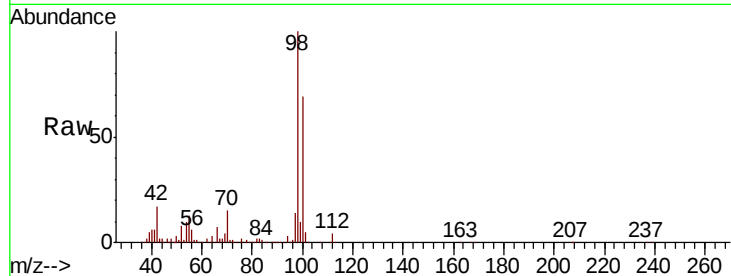




#50
Toluene-d8
Concen: 43.067 ug/l
RT: 7.69 min Scan# 716
Delta R.T. 0.01 min
Lab File: VF060414.D
Acq: 2 Oct 2018 20:46

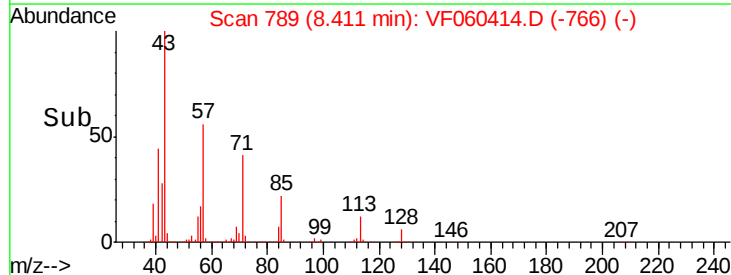
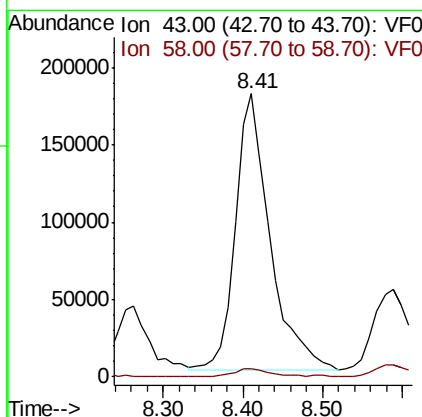
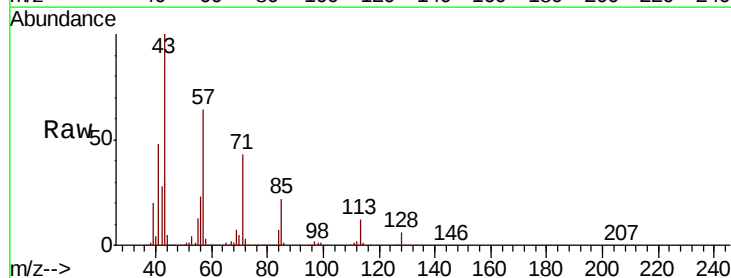
Instrument :
MSVOA_F
ClientSampleId :
EP1-MW-G-092718(7-10)

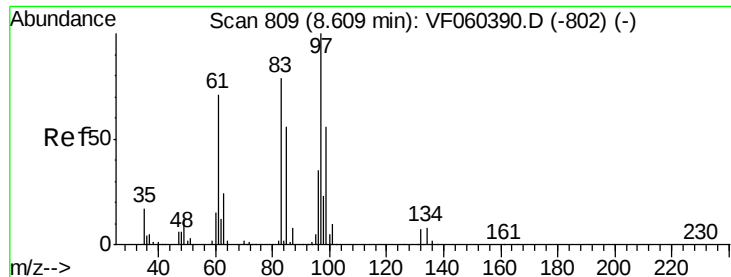
Tot Ion: 98 Resp: 467597
Ion Ratio Lower Upper
98 100
100 69.2 56.5 84.7



#51
4-Methyl-2-Pentanone
Concen: 279.964 ug/l
RT: 8.41 min Scan# 789
Delta R.T. 0.03 min
Lab File: VF060414.D
Acq: 2 Oct 2018 20:46

Tgt Ion: 43 Resp: 533607
Ion Ratio Lower Upper
43 100
58 2.7 28.5 42.7#

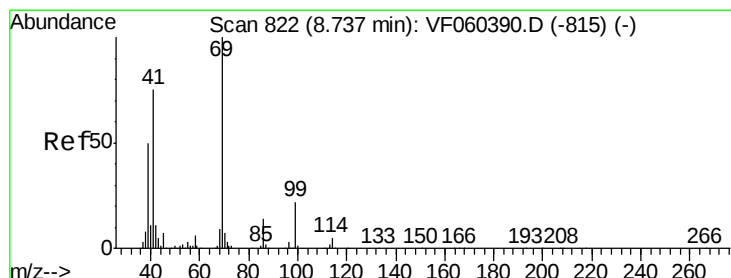
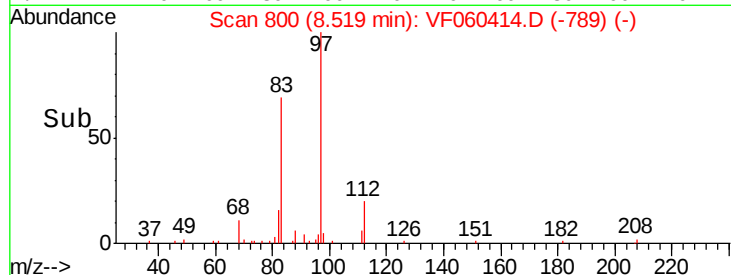
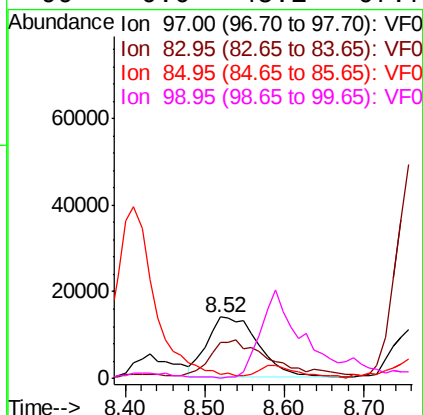
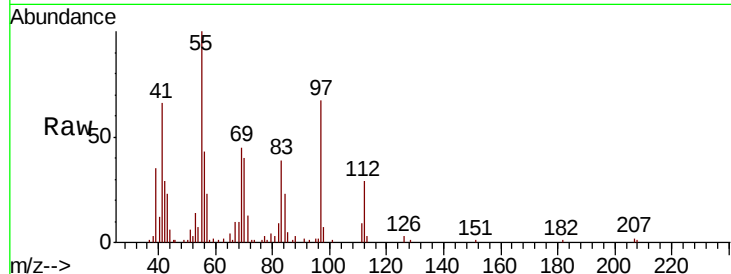




#55
 1,1,2-Trichloroethane
 Concen: 25.414 ug/l
 RT: 8.52 min Scan# 800
 Delta R.T. -0.09 min
 Lab File: VF060414.D
 Acq: 2 Oct 2018 20:46

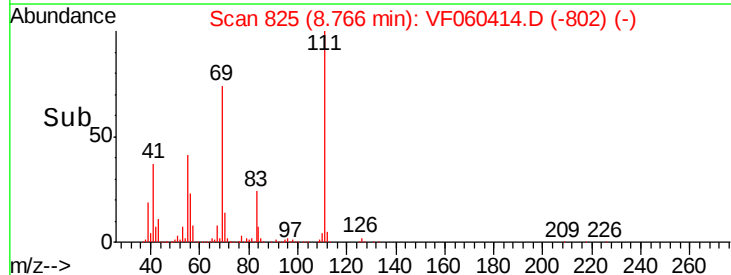
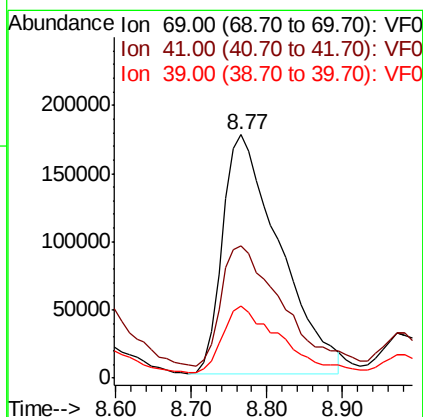
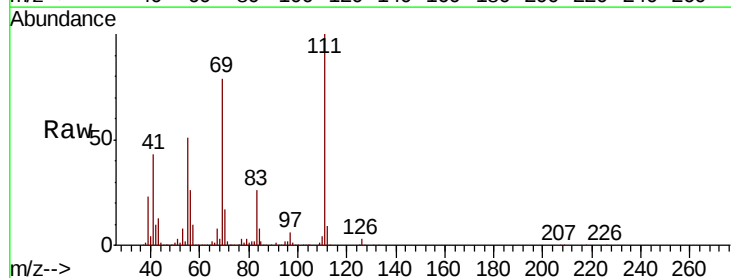
Instrument :
 MSVOA_F
 ClientSampleId :
 EP1-MW-G-092718(7-10)

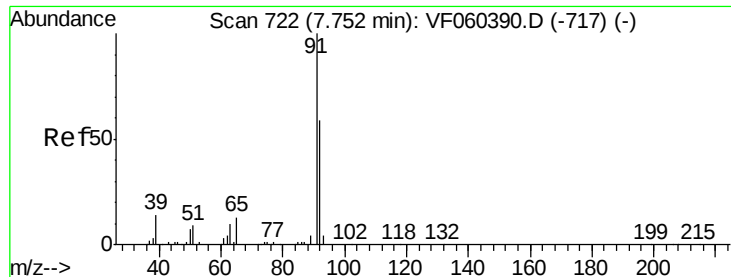
Tot Ion: 97 Resp: 62846
 Ion Ratio Lower Upper
 97 100
 83 58.0 63.4 95.0#
 85 6.7 44.5 66.7#
 99 0.0 45.1 67.7#



#56
 Ethyl methacrylate
 Concen: 328.094 ug/l
 RT: 8.77 min Scan# 825
 Delta R.T. 0.03 min
 Lab File: VF060414.D
 Acq: 2 Oct 2018 20:46

Tgt Ion: 69 Resp: 921937
 Ion Ratio Lower Upper
 69 100
 41 54.5 60.2 90.4#
 39 29.7 40.2 60.2#

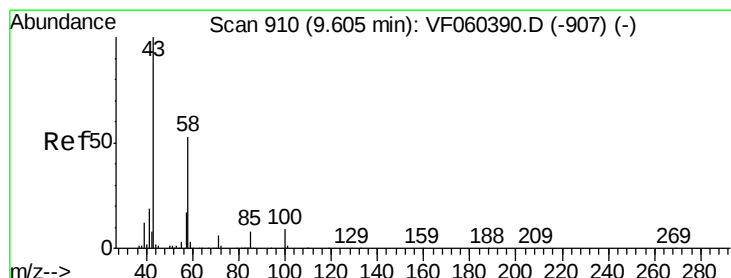
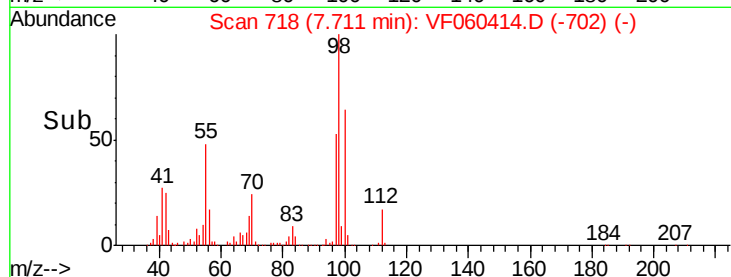
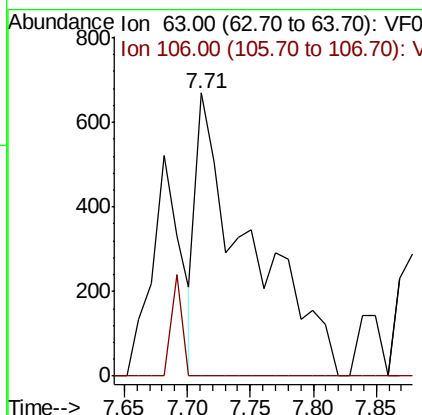
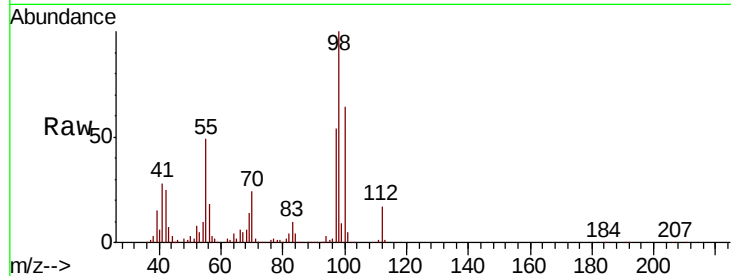




#58
 2-Chloroethyl Vinyl ether
 Concen: 6.863 ug/l
 RT: 7.71 min Scan# 718
 Delta R.T. -0.04 min
 Lab File: VF060414.D
 Acq: 2 Oct 2018 20:46

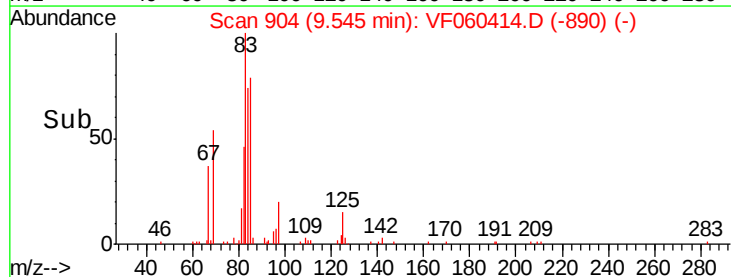
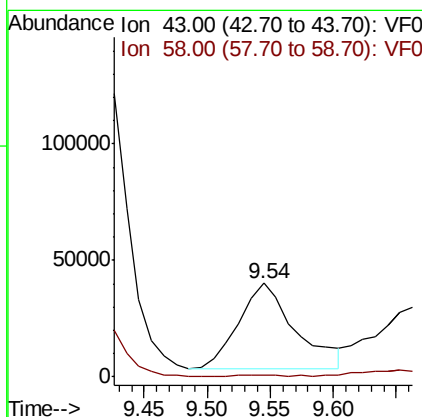
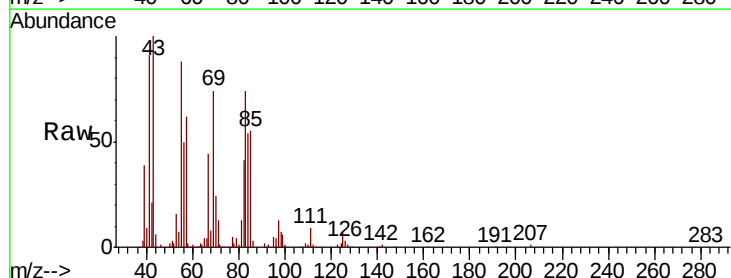
Instrument :
 MSVOA_F
 ClientSampleId :
 EP1-MW-G-092718(7-10)

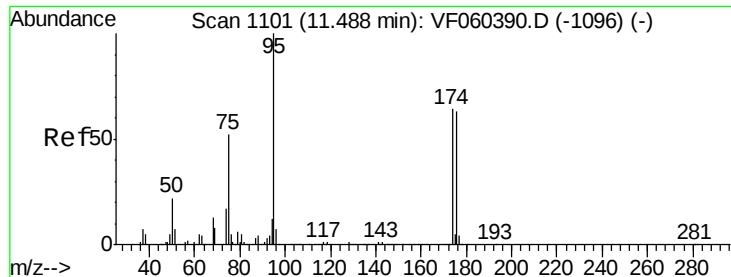
Tot Ion: 63 Resp: 1970
 Ion Ratio Lower Upper
 63 100
 106 0.0 0.0 0.0



#59
 2-Hexanone
 Concen: 81.368 ug/l
 RT: 9.54 min Scan# 904
 Delta R.T. -0.06 min
 Lab File: VF060414.D
 Acq: 2 Oct 2018 20:46

Tgt Ion: 43 Resp: 113753
 Ion Ratio Lower Upper
 43 100
 58 2.5 25.6 76.6#





#62

4-Bromofluorobenzene

Concen: 90.418 ug/l

RT: 11.51 min Scan# 1103

Delta R.T. 0.02 min

Lab File: VF060414.D

Acq: 2 Oct 2018 20:46

Instrument :

MSVOA_F

ClientSampleId :

EP1-MW-G-092718(7-10)

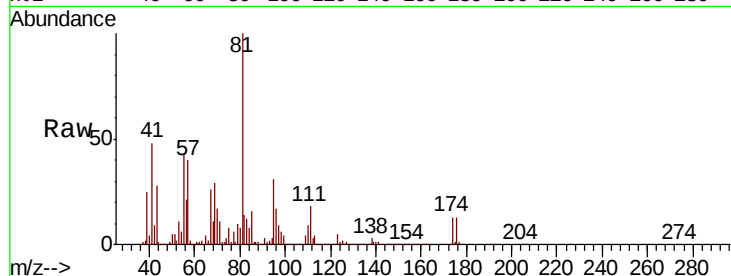
Tot Ion: 95 Resp: 448243

Ion Ratio Lower Upper

95 100

174 43.7 0.0 129.0

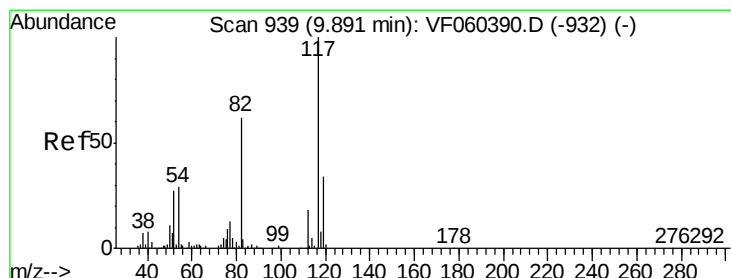
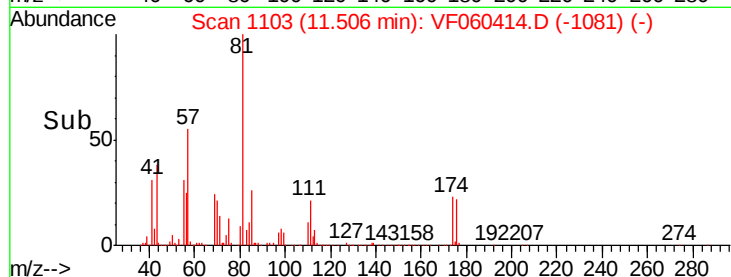
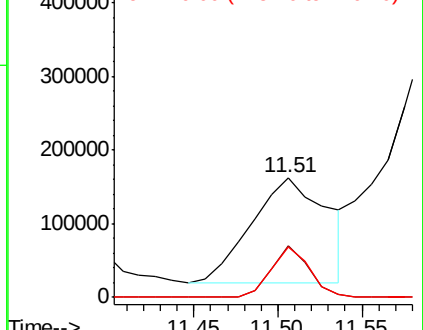
176 41.8 0.0 125.6



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: 9.90 min Scan# 940

Delta R.T. 0.01 min

Lab File: VF060414.D

Acq: 2 Oct 2018 20:46

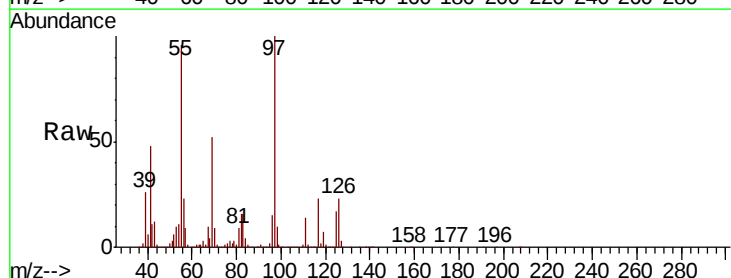
Tgt Ion: 117 Resp: 289885

Ion Ratio Lower Upper

117 100

82 70.0 49.5 74.3

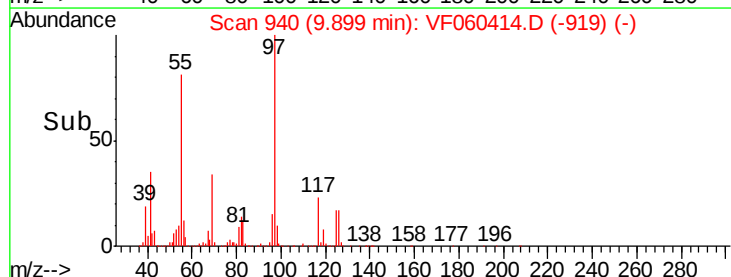
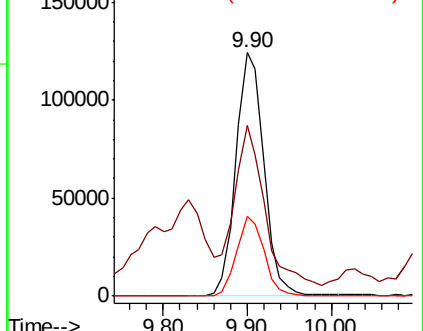
119 32.7 27.0 40.6

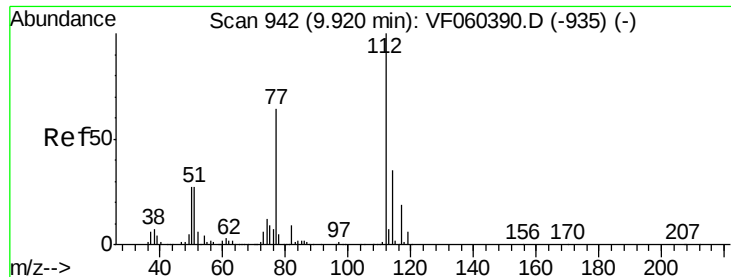


Abundance Ion 117.00 (116.70 to 117.70): V

Ion 82.00 (81.70 to 82.70): VF0

Ion 119.00 (118.70 to 119.70): V

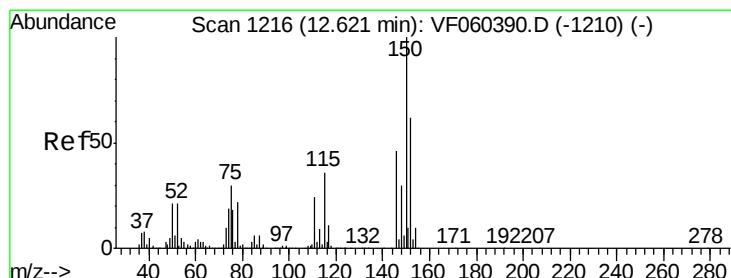
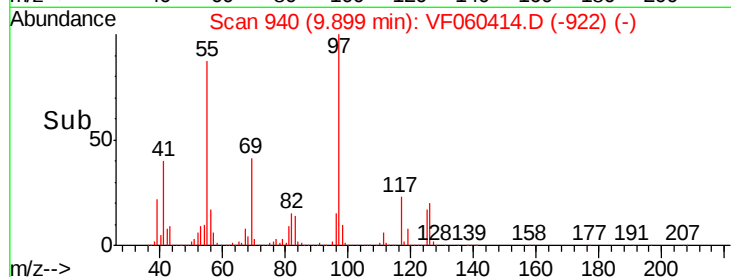
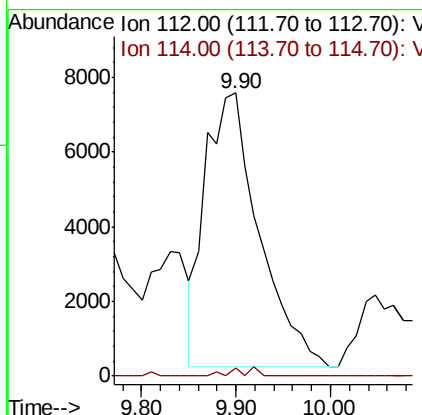
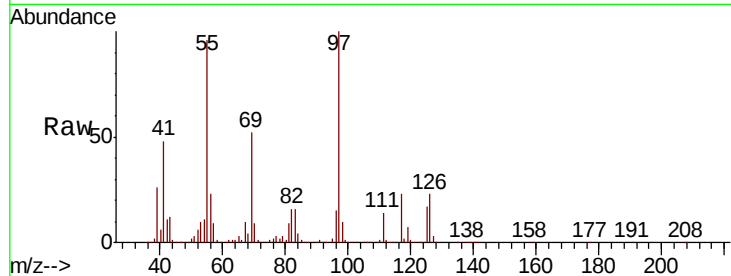




#65
Chlorobenzene
Concen: 4.895 ug/l
RT: 9.90 min Scan# 940
Delta R.T. -0.02 min
Lab File: VF060414.D
Acq: 2 Oct 2018 20:46

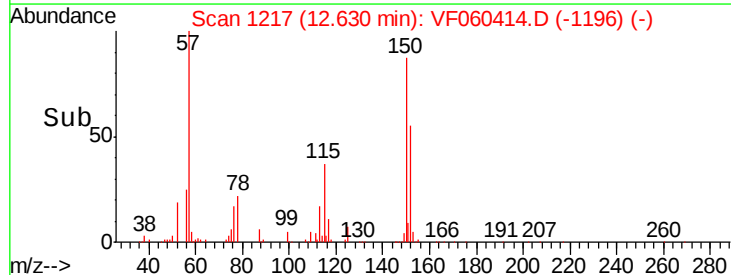
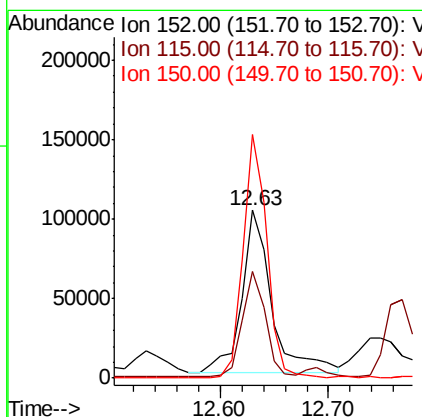
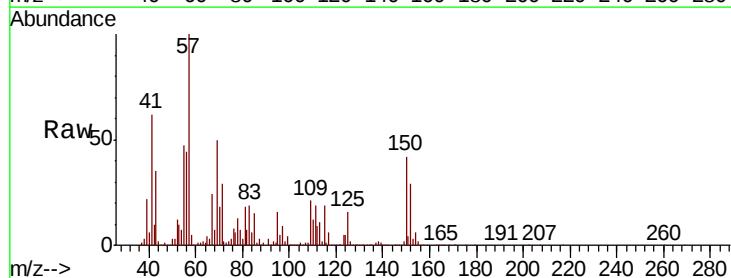
Instrument :
MSVOA_F
ClientSampleId :
EP1-MW-G-092718(7-10)

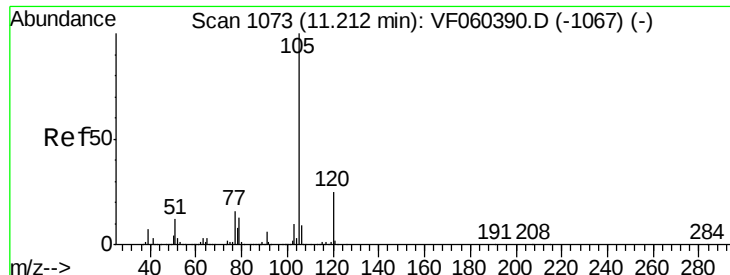
Tot Ion:112 Resp: 29150
Ion Ratio Lower Upper
112 100
114 2.7 27.7 41.5#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.63 min Scan# 1217
Delta R.T. 0.01 min
Lab File: VF060414.D
Acq: 2 Oct 2018 20:46

Tgt Ion:152 Resp: 194456
Ion Ratio Lower Upper
152 100
115 63.6 28.6 85.8
150 145.4 0.0 324.6





#73

Isopropylbenzene

Concen: 53.896 ug/l

RT: 11.22 min Scan# 1074

Delta R.T. 0.01 min

Lab File: VF060414.D

Acq: 2 Oct 2018 20:46

Instrument :

MSVOA_F

ClientSampleId :

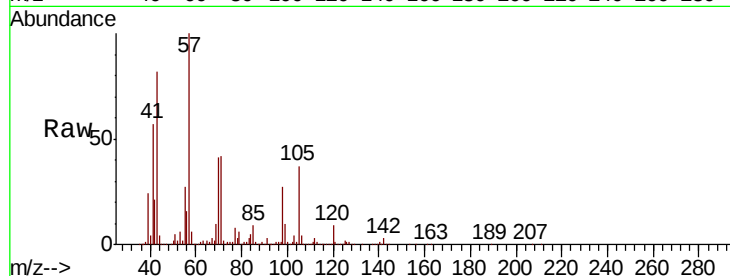
EP1-MW-G-092718(7-10)

Tot Ion:105 Resp: 825202

Ion Ratio Lower Upper

105 100

120 24.9 12.3 36.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

11.22

400000

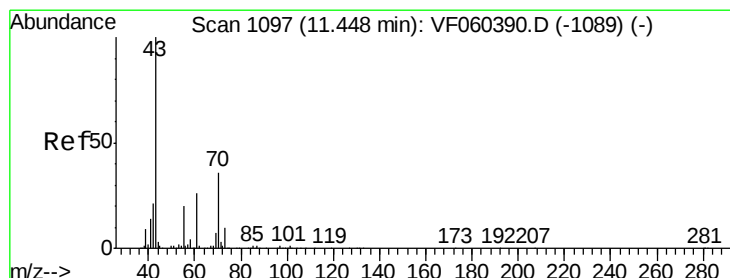
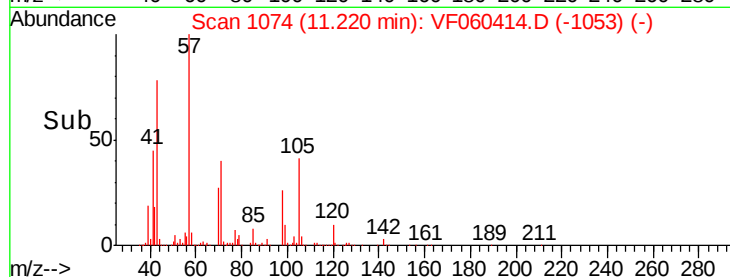
300000

200000

100000

0

Time-->



#74

N-ethyl acetate

Concen: 115.092 ug/l

RT: 11.50 min Scan# 1102

Delta R.T. 0.05 min

Lab File: VF060414.D

Acq: 2 Oct 2018 20:46

Tgt Ion: 43 Resp: 404429

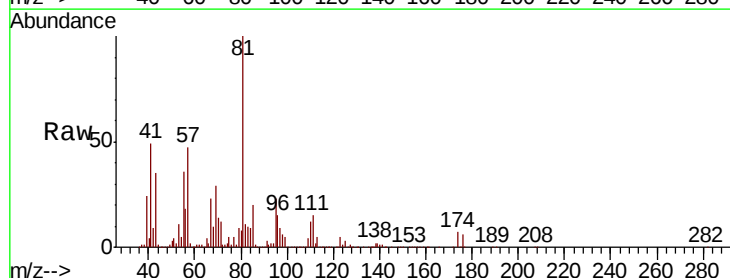
Ion Ratio Lower Upper

43 100

70 38.8 29.1 43.7

55 102.4 16.3 24.5#

61 1.9 21.0 31.4#



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

1000000

800000

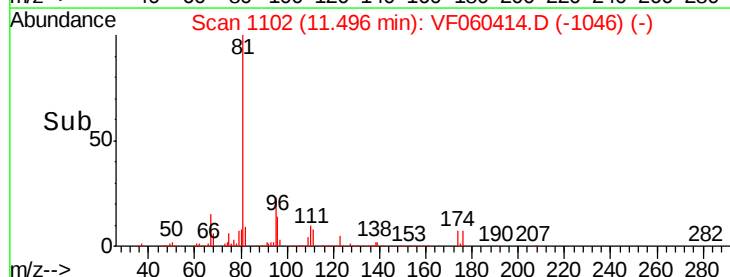
600000

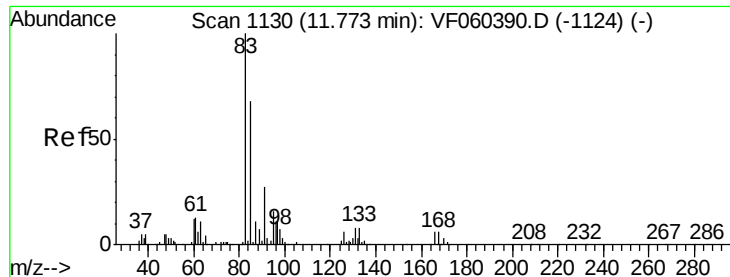
400000

200000

0

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 203.889 ug/l

RT: 11.76 min Scan# 1129

Delta R.T. -0.01 min

Lab File: VF060414.D

Acq: 2 Oct 2018 20:46

Instrument :

MSVOA_F

ClientSampleId :

EP1-MW-G-092718(7-10)

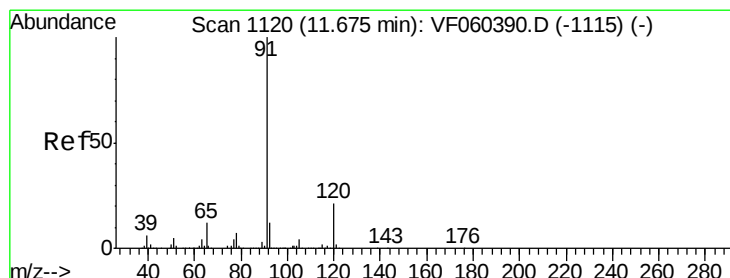
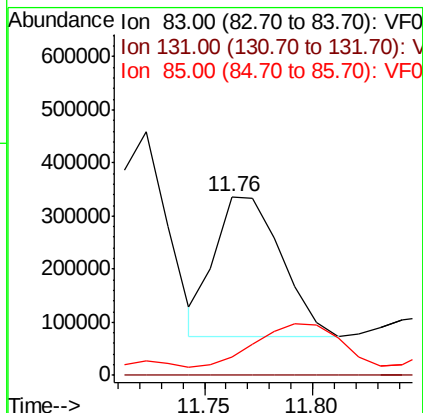
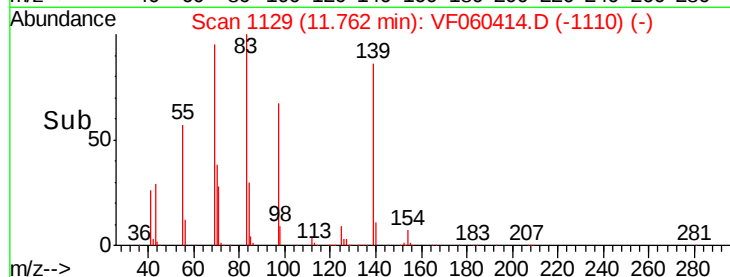
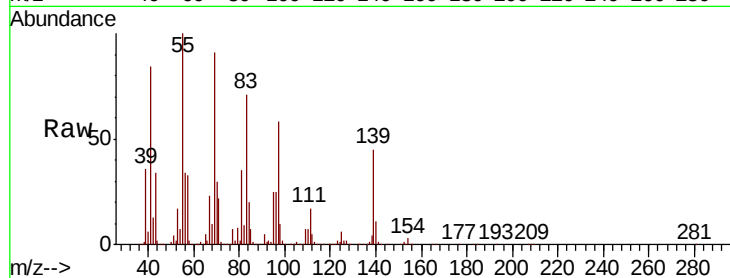
Tot Ion: 83 Resp: 569139

Ion Ratio Lower Upper

83 100

131 0.0 4.0 12.0#

85 10.2 34.0 102.0#



#78

n-propylbenzene

Concen: 113.350 ug/l

RT: 11.68 min Scan# 1121

Delta R.T. 0.01 min

Lab File: VF060414.D

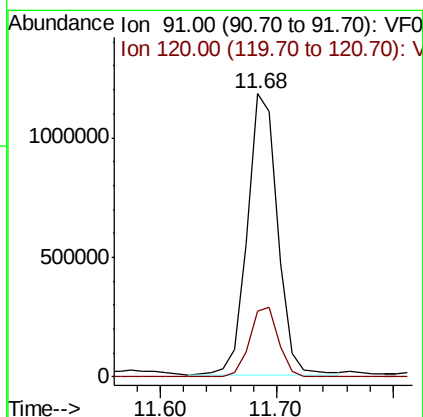
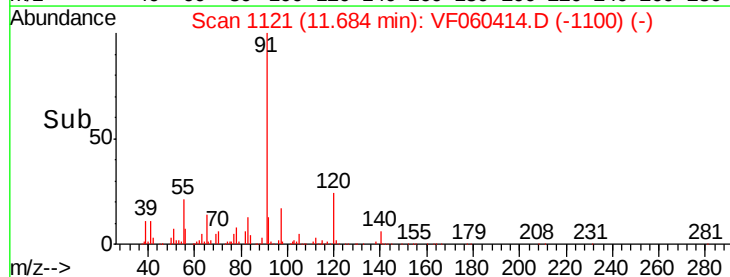
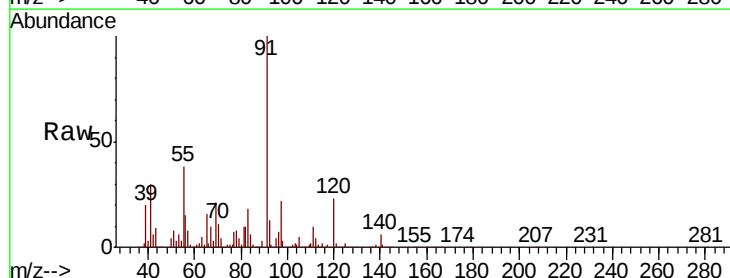
Acq: 2 Oct 2018 20:46

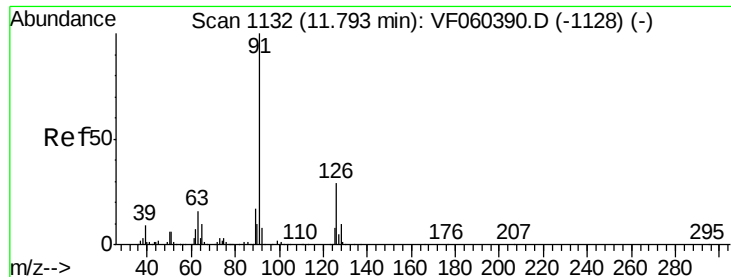
Tgt Ion: 91 Resp: 2103942

Ion Ratio Lower Upper

91 100

120 23.3 10.5 31.6

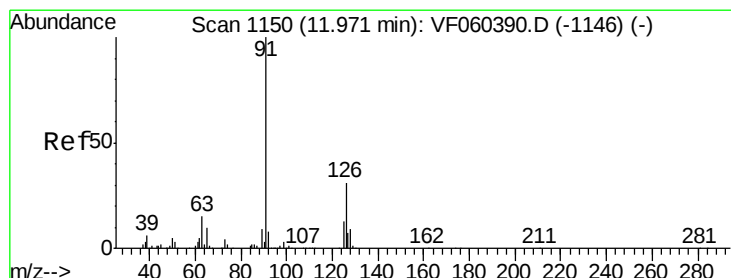
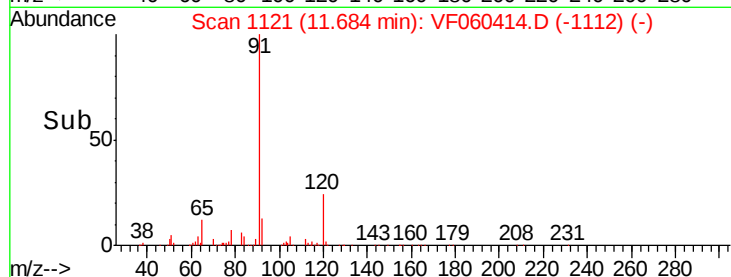
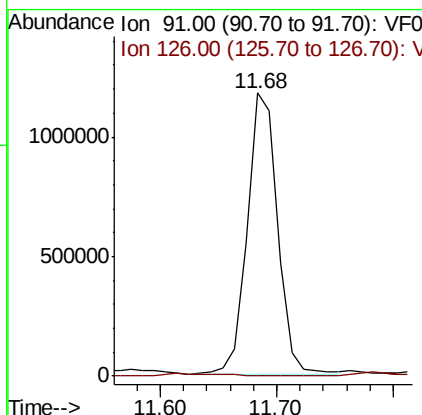
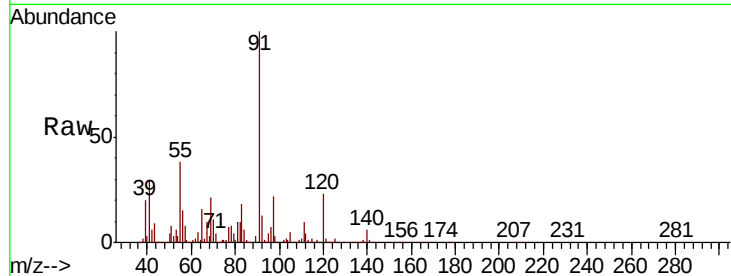




#79
2-Chlorotoluene
Concen: 193.774 ug/l
RT: 11.68 min Scan# 1121
Delta R.T. -0.11 min
Lab File: VF060414.D
Acq: 2 Oct 2018 20:46

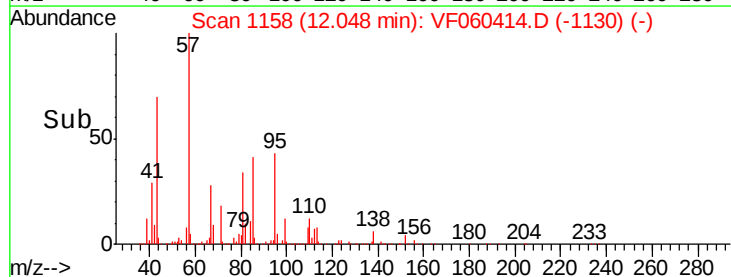
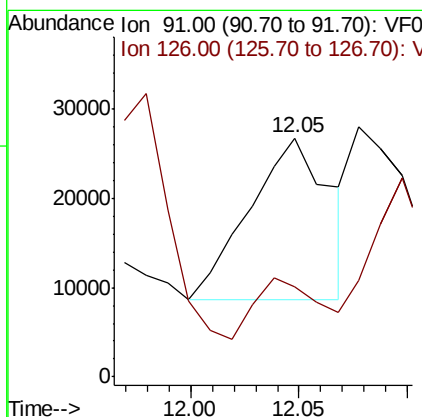
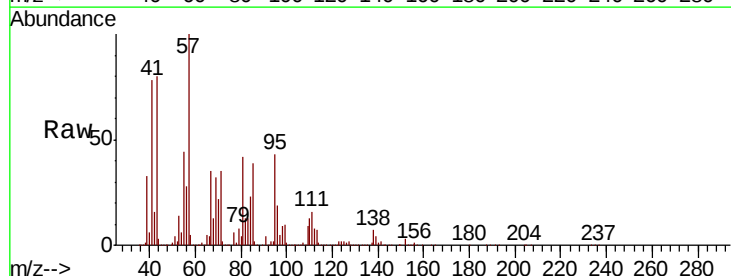
Instrument :
MSVOA_F
ClientSampleId :
EP1-MW-G-092718(7-10)

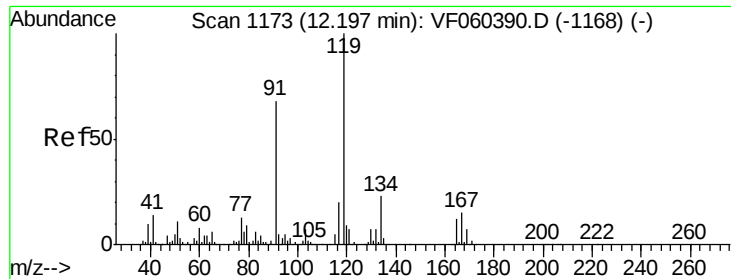
Tot Ion: 91 Resp: 2103942
Ion Ratio Lower Upper
91 100
126 0.3 14.4 43.4#



#82
4-Chlorotoluene
Concen: 4.248 ug/l
RT: 12.05 min Scan# 1158
Delta R.T. 0.08 min
Lab File: VF060414.D
Acq: 2 Oct 2018 20:46

Tgt Ion: 91 Resp: 47192
Ion Ratio Lower Upper
91 100
126 37.7 15.7 47.0





#83

tert-Butylbenzene

Concen: 39.954 ug/l

RT: 12.22 min Scan# 1175

Delta R.T. 0.02 min

Lab File: VF060414.D

Acq: 2 Oct 2018 20:46

Instrument :

MSVOA_F

ClientSampleId :

EP1-MW-G-092718(7-10)

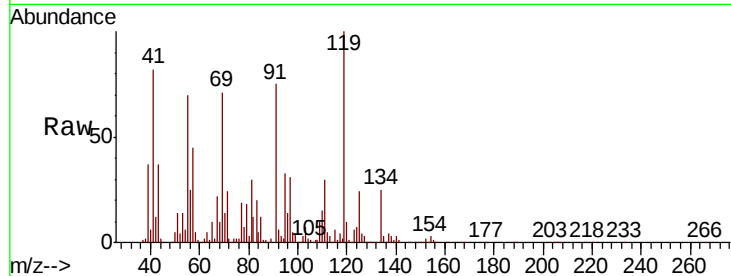
Tot Ion:119 Resp: 512632

Ion Ratio Lower Upper

119 100

91 75.1 34.0 102.0

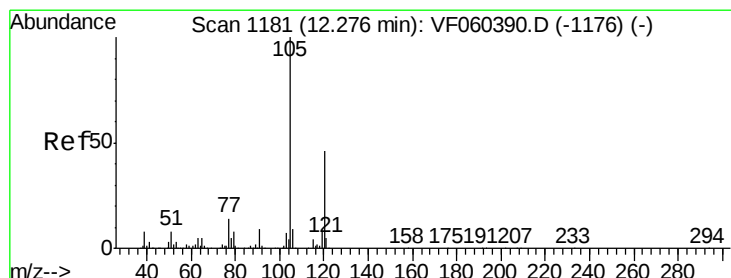
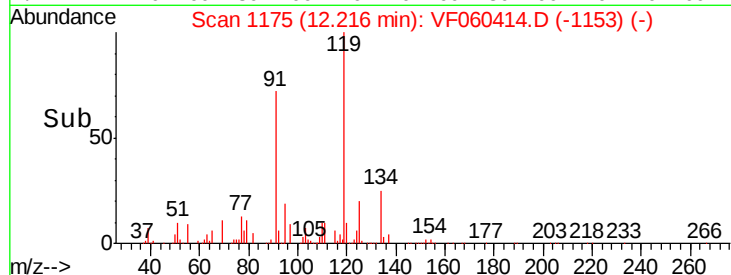
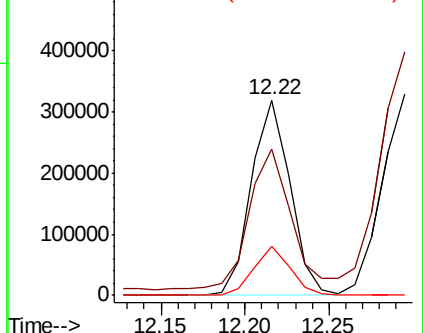
134 24.8 11.7 35.0



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VF0

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 349.057 ug/l

RT: 12.29 min Scan# 1183

Delta R.T. 0.02 min

Lab File: VF060414.D

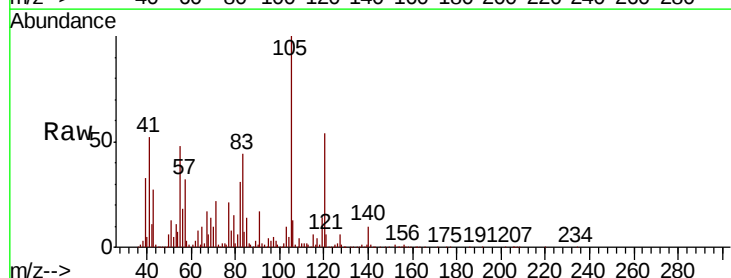
Acq: 2 Oct 2018 20:46

Tgt Ion:105 Resp: 4503097

Ion Ratio Lower Upper

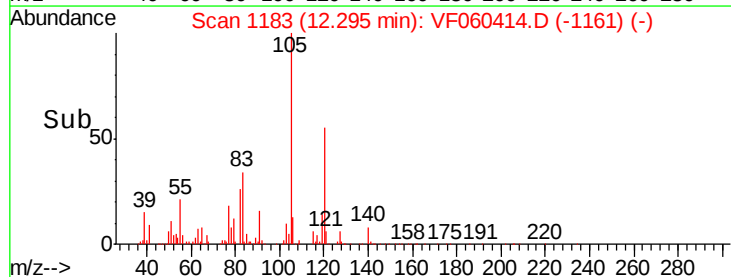
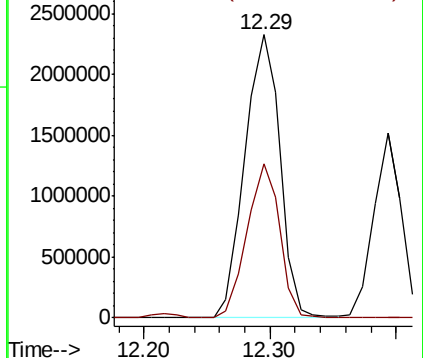
105 100

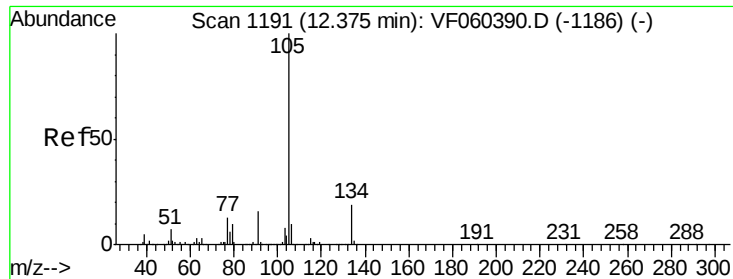
120 54.4 23.1 69.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 131.839 ug/l

RT: 12.39 min Scan# 1193

Delta R.T. 0.02 min

Lab File: VF060414.D

Acq: 2 Oct 2018 20:46

Instrument :

MSVOA_F

ClientSampleId :

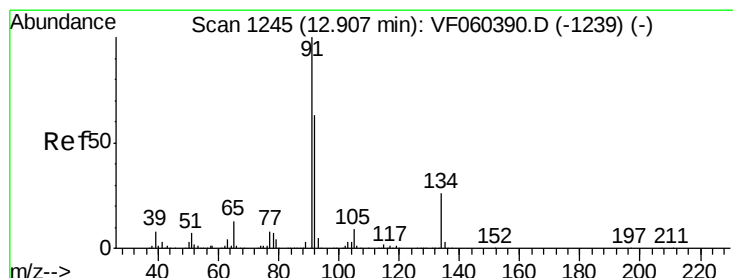
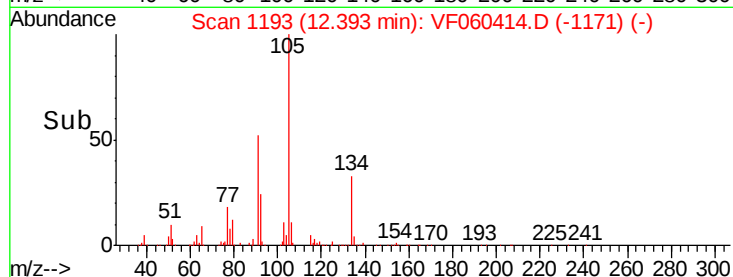
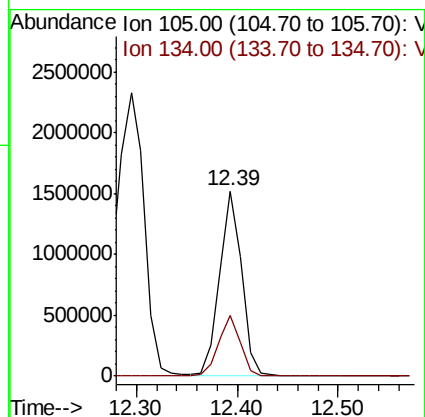
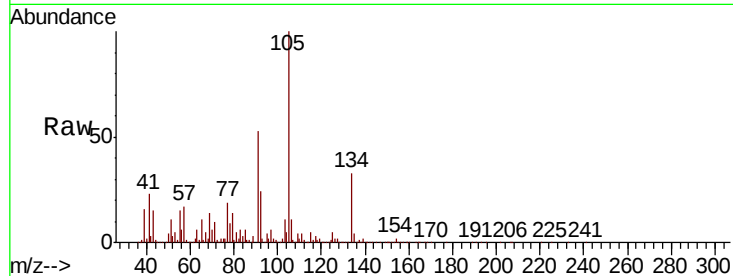
EP1-MW-G-092718(7-10)

Tot Ion:105 Resp: 2334863

Ion Ratio Lower Upper

105 100

134 32.6 9.4 28.3#



#89

n-Butylbenzene

Concen: 81.712 ug/l

RT: 12.92 min Scan# 1246

Delta R.T. 0.01 min

Lab File: VF060414.D

Acq: 2 Oct 2018 20:46

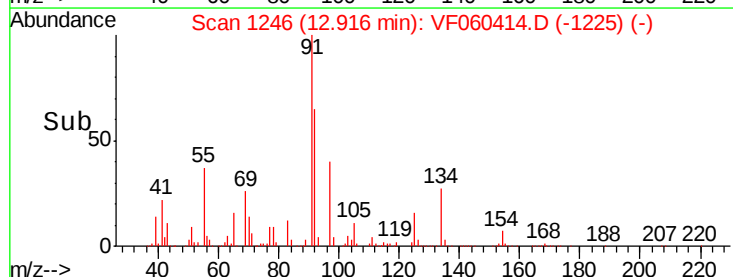
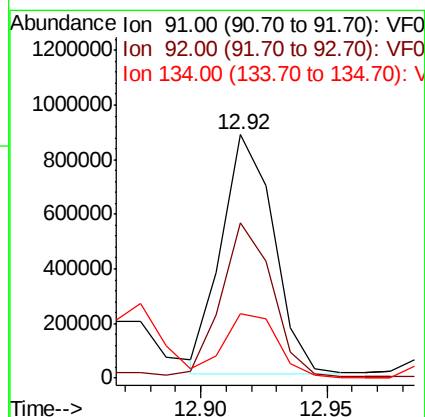
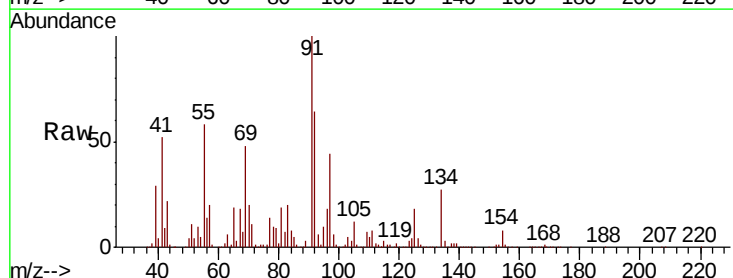
Tgt Ion: 91 Resp: 1251035

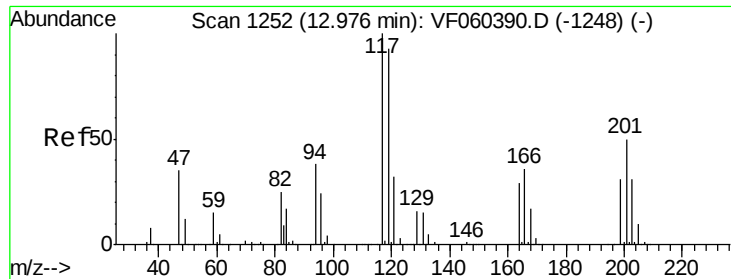
Ion Ratio Lower Upper

91 100

92 63.9 31.3 93.9

134 26.6 13.0 38.9





#90

Hexachloroethane

Concen: 46.088 ug/l

RT: 13.00 min Scan# 1255

Delta R.T. 0.03 min

Lab File: VF060414.D

Acq: 2 Oct 2018 20:46

Instrument :

MSVOA_F

ClientSampleId :

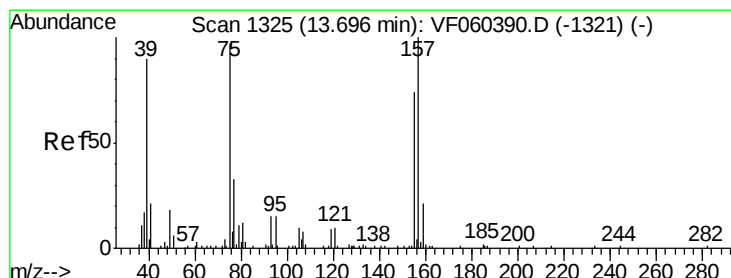
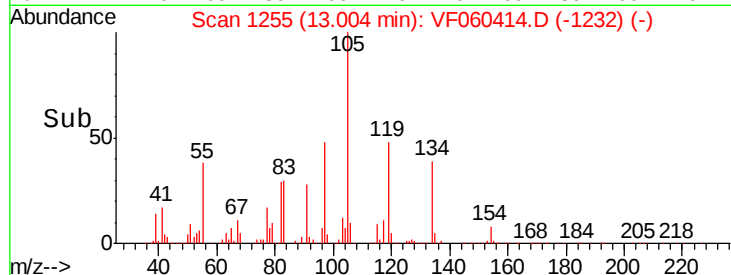
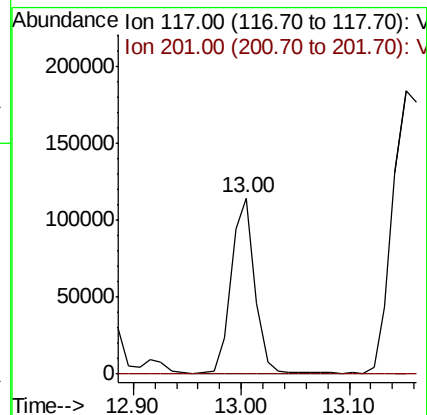
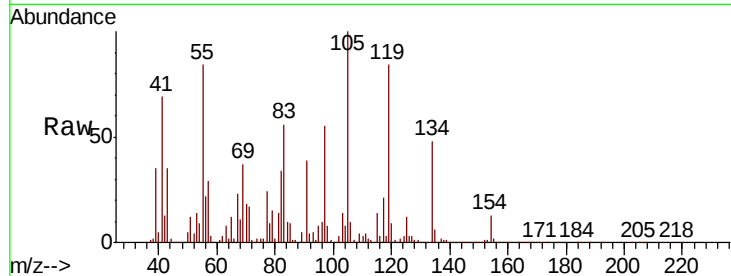
EP1-MW-G-092718(7-10)

Tot Ion:117 Resp: 172348

Ion Ratio Lower Upper

117 100

201 0.0 25.5 76.5#



#92

1,2-Dibromo-3-Chloropropane

Concen: 16.884 ug/l

RT: 13.70 min Scan# 1326

Delta R.T. 0.01 min

Lab File: VF060414.D

Acq: 2 Oct 2018 20:46

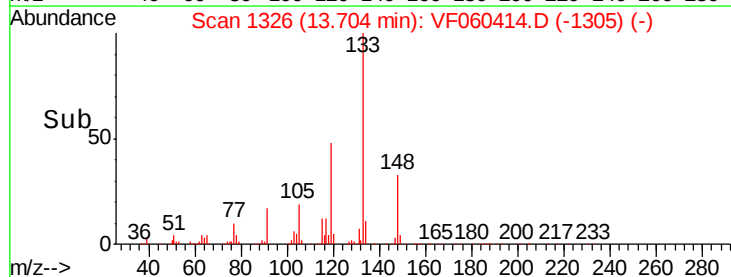
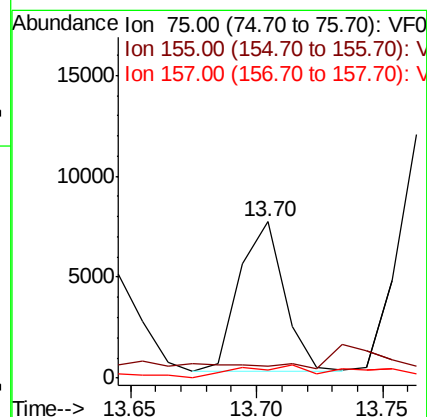
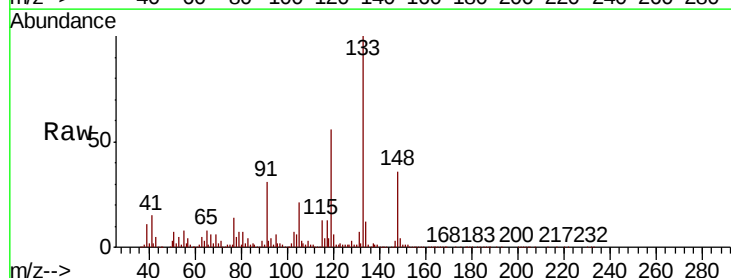
Tgt Ion: 75 Resp: 9137

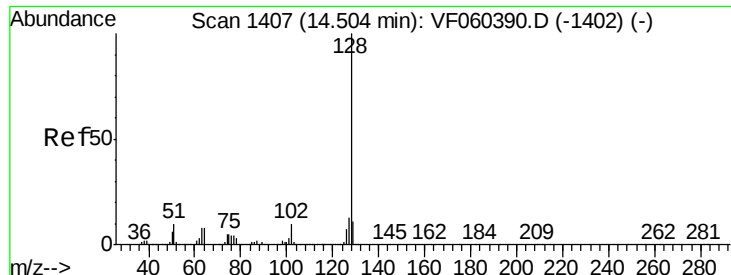
Ion Ratio Lower Upper

75 100

155 7.5 37.9 113.6#

157 4.9 51.3 154.0#





#95

Naphthalene

Concen: 4.084 ug/l

RT: 14.51 min Scan# 1408

Delta R.T. 0.01 min

Lab File: VF060414.D

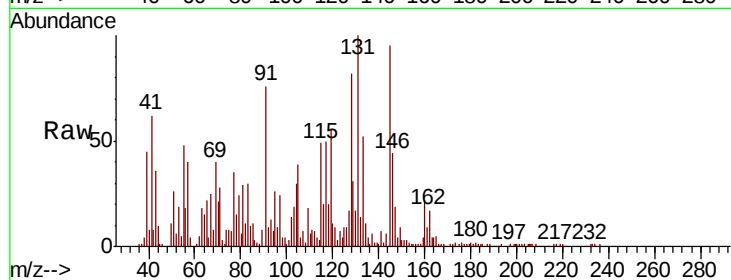
Acq: 2 Oct 2018 20:46

Instrument :

MSVOA_F

ClientSampleId :

EP1-MW-G-092718(7-10)



Tot Ion:	128	Resp:	33678
Ion	Ratio	Lower	Upper
128	100		
127	20.3	10.0	15.0#
129	37.5	8.7	13.1#

