

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF062618\
 Data File : VF059322.D
 Acq On : 26 Jun 2018 17:41
 Operator : VA/AP
 Sample : J3664-15RE
 Misc : 5.35g/5mL/MSVOA-F/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 WP021SB485-25-27-180619RE

Quant Time: Jun 27 02:21:15 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F062518S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 26 08:45:17 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.02	168	243442	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.75	114	401038	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.90	117	309882	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.62	152	154480	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.00	65	109201	34.72	ug/l	0.00
Spiked Amount	50.000		Recovery	=	69.44%	
35) Dibromofluoromethane	4.27	113	106281	36.27	ug/l	0.00
Spiked Amount	50.000		Recovery	=	72.54%	
50) Toluene-d8	7.69	98	238554	32.88	ug/l	0.00
Spiked Amount	50.000		Recovery	=	65.76%	
62) 4-Bromofluorobenzene	11.50	95	207722	50.76	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.52%	

Target Compounds				Qvalue
5) Bromomethane	1.36	94	332	Below Cal 93
11) Tert butyl alcohol	2.65	59	602	2.875 ug/l # 41
13) Acrolein	2.08	56	595	Below Cal 85
15) Acrylonitrile	3.07	53	862	2.338 ug/l # 72
16) Acetone	2.32	43	120809	149.705 ug/l 98
17) Carbon Disulfide	1.84	76	10184	3.017 ug/l 98
18) Methyl Acetate	2.32	43	120809	85.937 ug/l # 61
20) Methylene Chloride	2.27	84	11772	Below Cal 85
25) 2-Butanone	4.49	43	46725	46.877 ug/l 100
28) Bromochloromethane	3.84	49	153	Below Cal # 6
29) Tetrahydrofuran	4.27	42	963	Below Cal # 58
31) Cyclohexane	3.84	56	9581	3.954 ug/l 91
37) Ethyl Acetate	4.23	43	1695	Below Cal # 12
39) Methylcyclohexane	5.60	83	147807	47.610 ug/l 92
40) Benzene	4.79	78	17312	2.229 ug/l 97
43) Isopropyl Acetate	7.16	43	13051	4.472 ug/l # 52
48) Methyl methacrylate	6.83	41	2339	1.196 ug/l # 79
49) 1,4-Dioxane	6.81	88	73	Below Cal # 1
51) 4-Methyl-2-Pentanone	8.41	43	57121	26.421 ug/l # 46
52) Toluene	7.76	92	7370	1.268 ug/l 93
55) 1,1,2-Trichloroethane	8.52	97	20083	8.899 ug/l # 46
56) Ethyl methacrylate	8.76	69	212587	76.043 ug/l # 74
58) 2-Chloroethyl Vinyl ether	7.77	63	1511	7.207 ug/l 100
59) 2-Hexanone	9.66	43	18728	Below Cal # 40
64) Tetrachloroethene	8.29	164	6297	3.133 ug/l 88
65) Chlorobenzene	9.93	112	853716	148.675 ug/l 99
67) Ethyl Benzene	10.02	91	16575	1.702 ug/l # 73
68) m/p-Xylenes	10.25	106	3993	1.152 ug/l 81
69) o-Xylene	10.82	106	11851	3.056 ug/l 74
73) Isopropylbenzene	11.22	105	63998	7.111 ug/l 97
74) N-amyl acetate	11.48	43	51957	15.909 ug/l # 1
75) 1,1,2,2-Tetrachloroethane	11.75	83	100168	44.071 ug/l # 35
78) n-propylbenzene	11.67	91	65440	6.055 ug/l 91
79) 2-Chlorotoluene	11.81	91	20332	3.079 ug/l # 58

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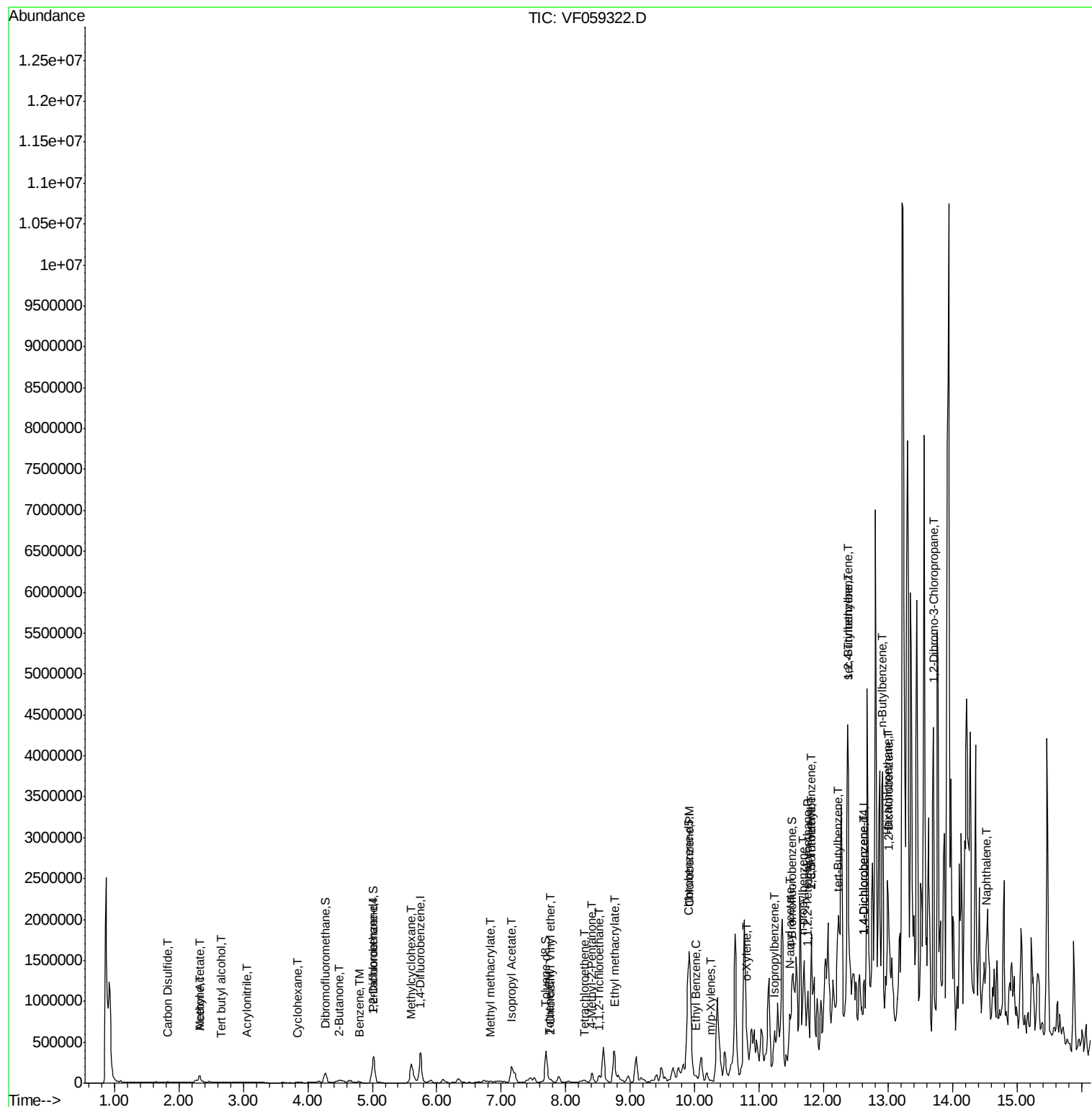
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
80) 1,3,5-Trimethylbenzene	11.80	105	15309	1.942	ug/l	64
83) tert-Butylbenzene	12.21	119	212114	26.902	ug/l	83
84) 1,2,4-Trimethylbenzene	12.38	105	1437544	173.143	ug/l #	31
85) sec-Butylbenzene	12.38	105	1442671	138.037	ug/l #	65
88) 1,4-Dichlorobenzene	12.64	146	103337	23.174	ug/l #	71
89) n-Butylbenzene	12.92	91	1031897	115.893	ug/l	97
90) Hexachloroethane	12.99	117	61432	28.102	ug/l #	10
91) 1,2-Dichlorobenzene	13.01	146	44864	9.897	ug/l #	27
92) 1,2-Dibromo-3-Chloropropan	13.70	75	14333	28.447	ug/l #	1
95) Naphthalene	14.51	128	27997	3.992	ug/l #	10

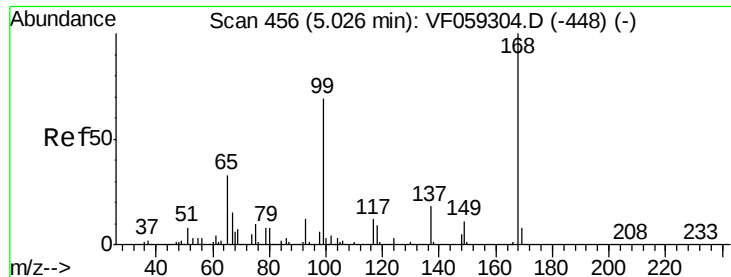
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.02 min Scan# 455

Delta R.T. -0.01 min

Lab File: VF059322.D

Acq: 26 Jun 2018 17:41

Instrument :

MSVOA_F

ClientSampleId :

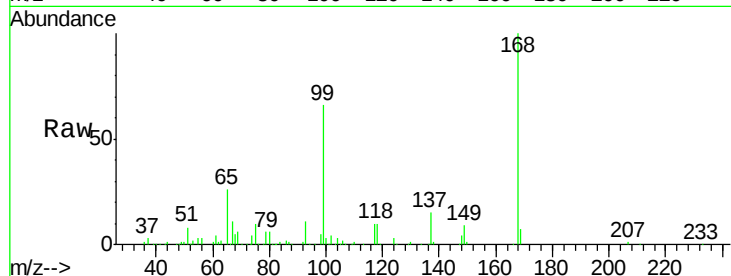
WP021SB485-25-27-180619RE

Tot Ion:168 Resp: 243442

Ion Ratio Lower Upper

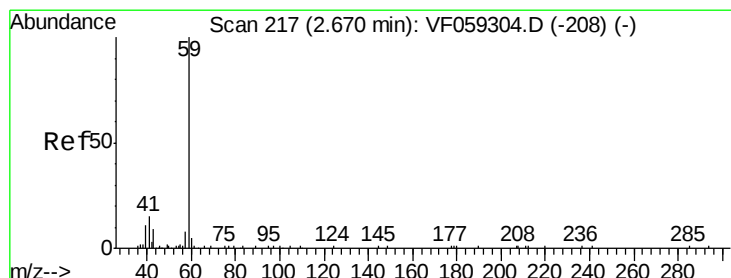
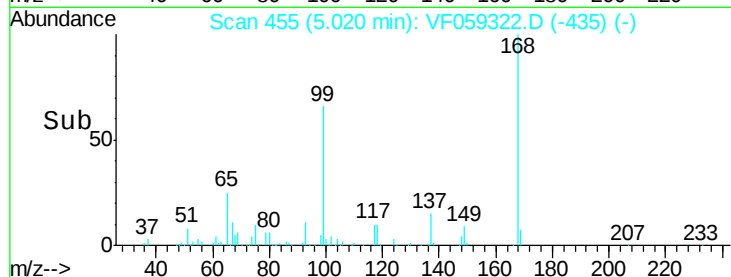
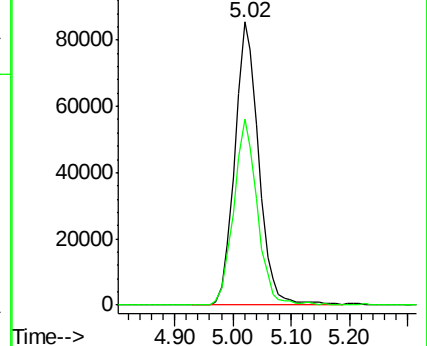
168 100

99 65.8 54.9 82.3



Abundance Ion 168.00 (167.70 to 168.70): VF0

Ion 99.00 (98.70 to 99.70): VF0



#11

Tert butyl alcohol

Concen: 2.875 ug/l

RT: 2.65 min Scan# 215

Delta R.T. -0.02 min

Lab File: VF059322.D

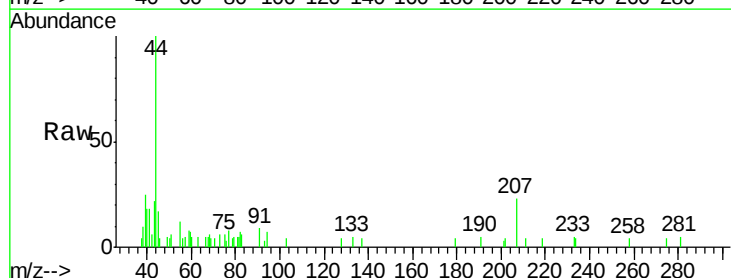
Acq: 26 Jun 2018 17:41

Tgt Ion: 59 Resp: 602

Ion Ratio Lower Upper

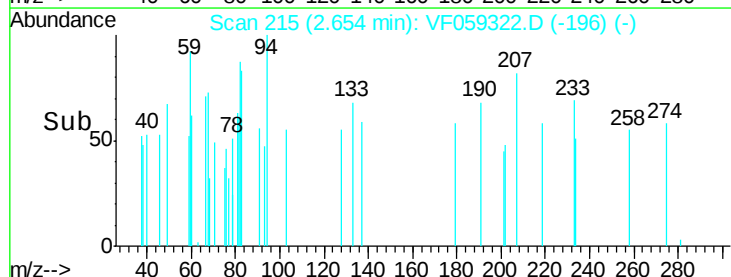
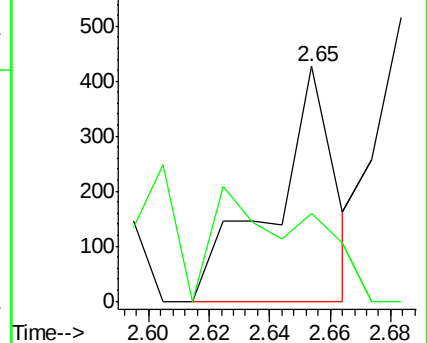
59 100

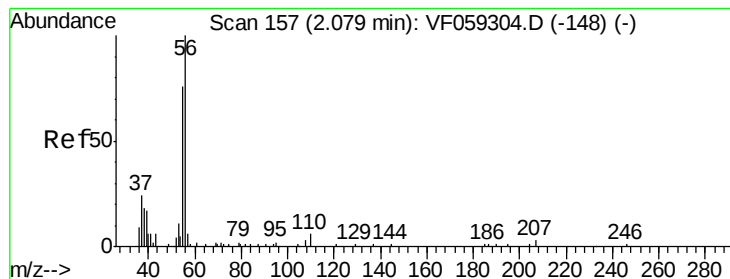
57 37.5 11.0 16.4#



Abundance Ion 59.00 (58.70 to 59.70): VF0

Ion 57.00 (56.70 to 57.70): VF0





#13

Acrolein

Concen: Below Cal

RT: 2.08 min Scan# 157

Delta R.T. 0.00 min

Lab File: VF059322.D

Acq: 26 Jun 2018 17:41

Instrument :

MSVOA_F

ClientSampleId :

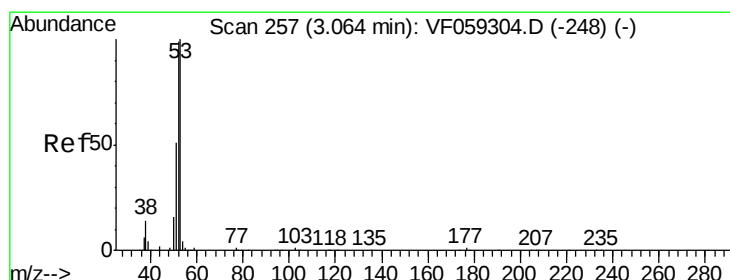
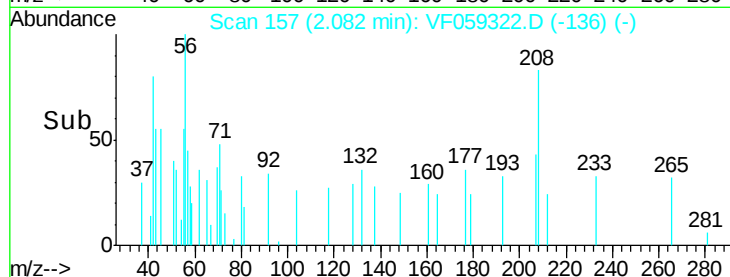
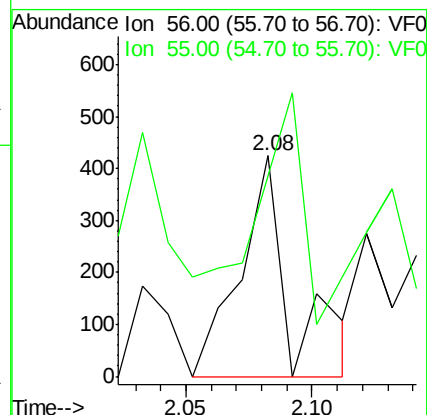
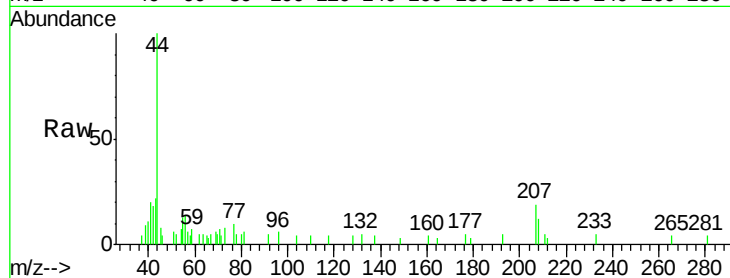
WP021SB485-25-27-180619RE

Tot Ion: 56 Resp: 595

Ion Ratio Lower Upper

56 100

55 90.8 62.4 93.6



#15

Acrylonitrile

Concen: 2.338 ug/l

RT: 3.07 min Scan# 257

Delta R.T. 0.00 min

Lab File: VF059322.D

Acq: 26 Jun 2018 17:41

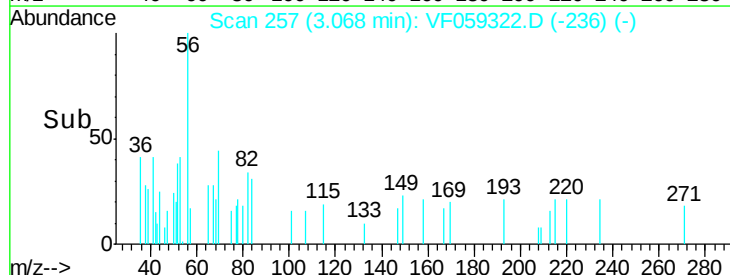
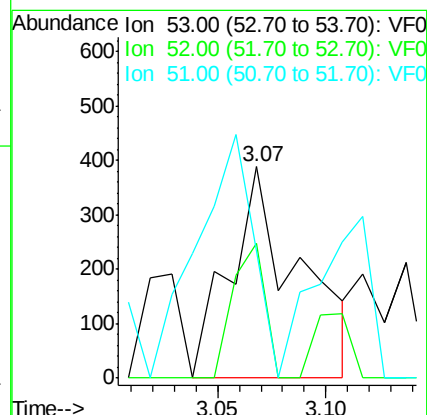
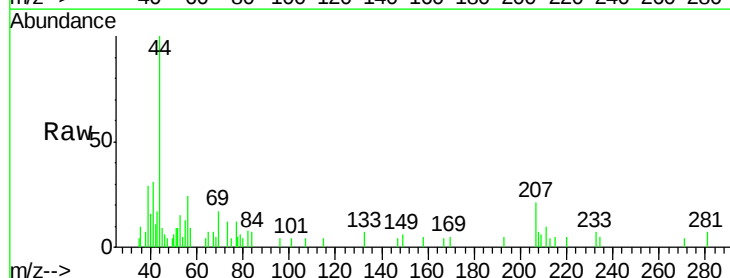
Tgt Ion: 53 Resp: 862

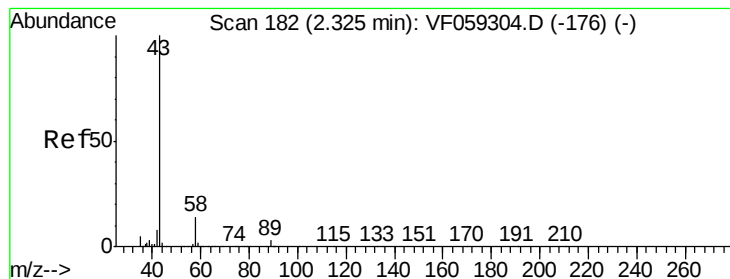
Ion Ratio Lower Upper

53 100

52 63.7 79.2 118.8#

51 60.1 40.9 61.3





#16

Acetone

Concen: 149.705 ug/l

RT: 2.32 min Scan# 181

Delta R.T. -0.01 min

Lab File: VF059322.D

Acq: 26 Jun 2018 17:41

Instrument :

MSVOA_F

ClientSampleId :

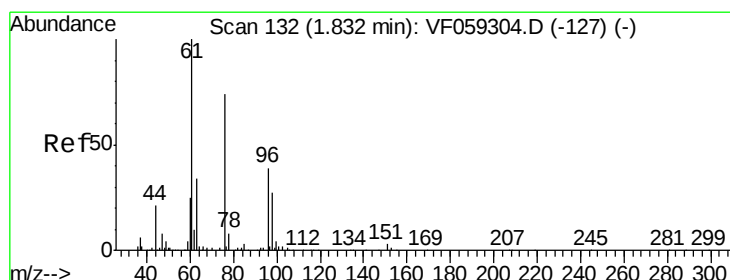
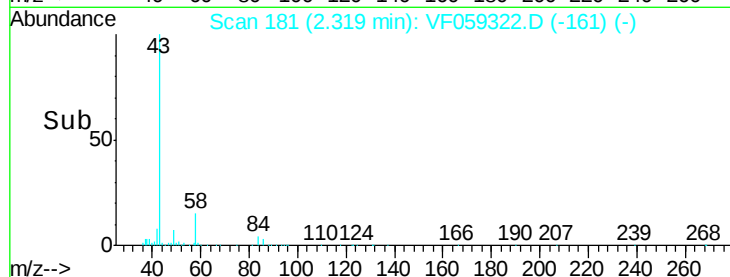
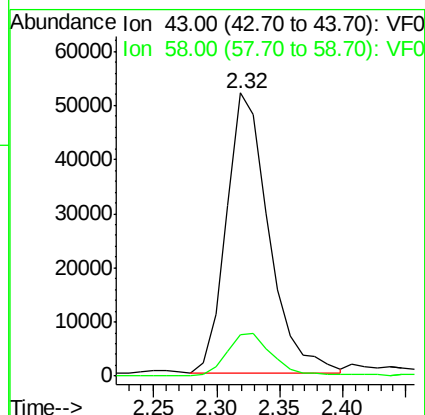
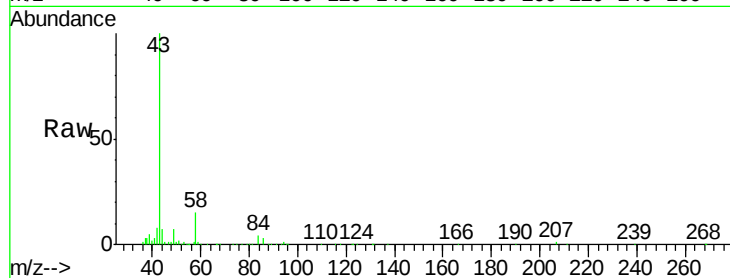
WP021SB485-25-27-180619RE

Tot Ion: 43 Resp: 120809

Ion Ratio Lower Upper

43 100

58 14.8 11.4 17.0



#17

Carbon Disulfide

Concen: 3.017 ug/l

RT: 1.84 min Scan# 132

Delta R.T. 0.00 min

Lab File: VF059322.D

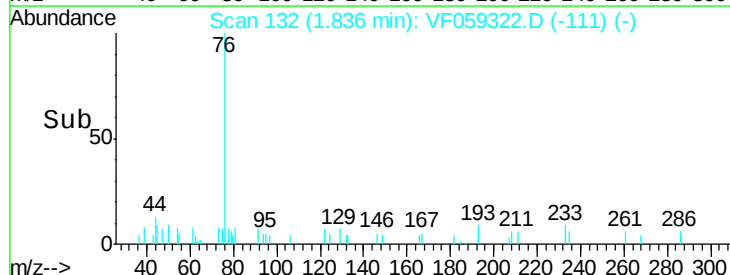
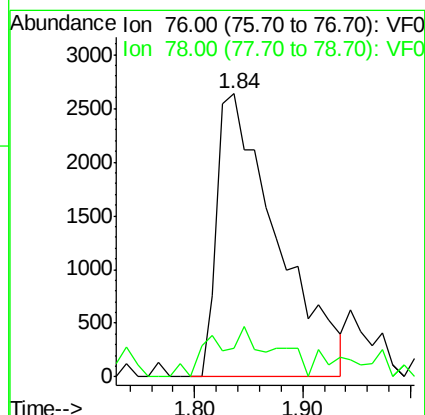
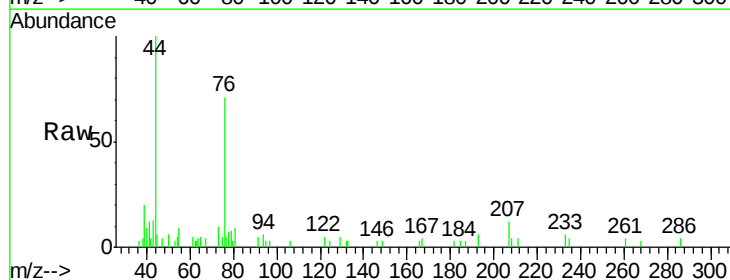
Acq: 26 Jun 2018 17:41

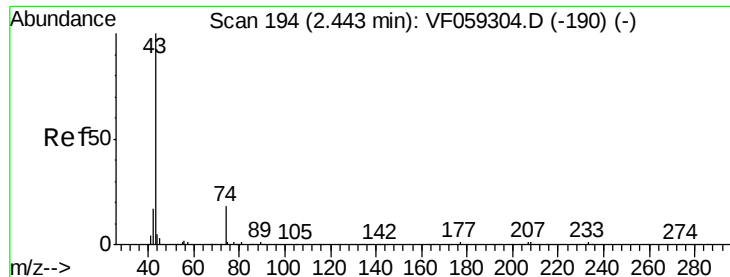
Tgt Ion: 76 Resp: 10184

Ion Ratio Lower Upper

76 100

78 10.2 8.9 13.3

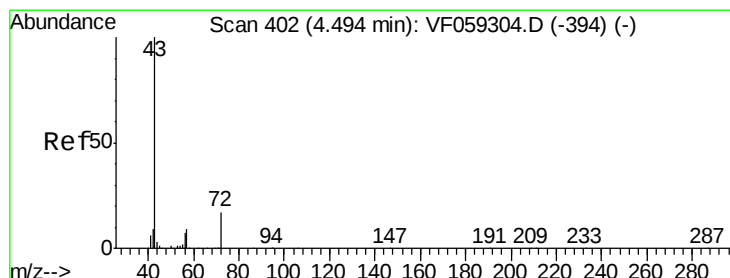
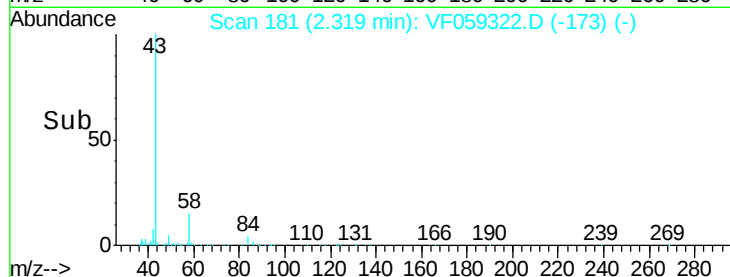
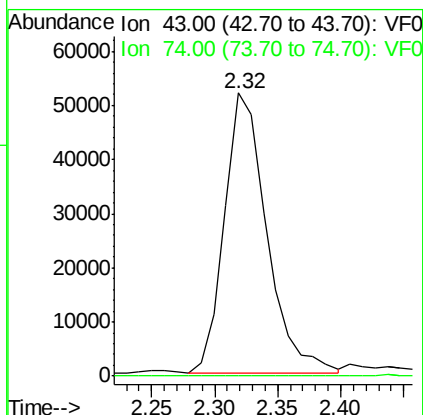
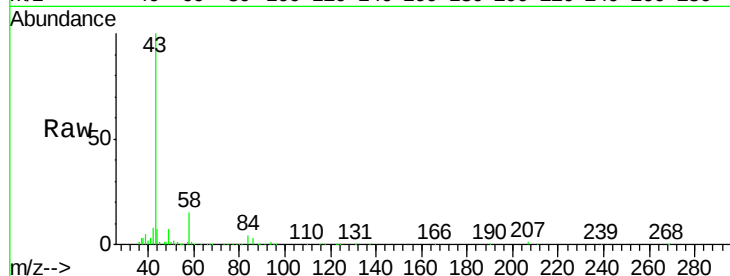




#18
Methyl Acetate
Concen: 85.937 ug/l
RT: 2.32 min Scan# 181
Delta R.T. -0.12 min
Lab File: VF059322.D
Acq: 26 Jun 2018 17:41

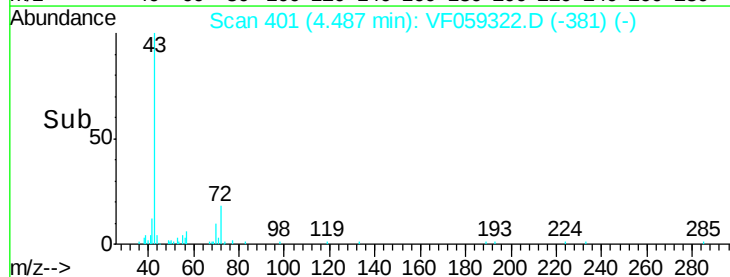
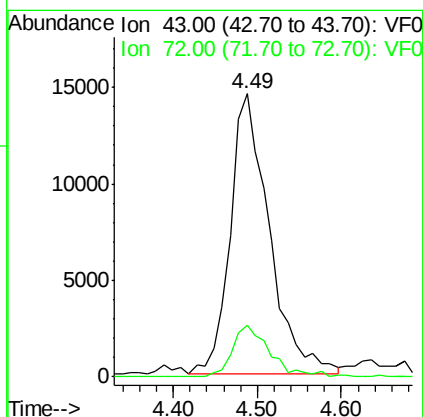
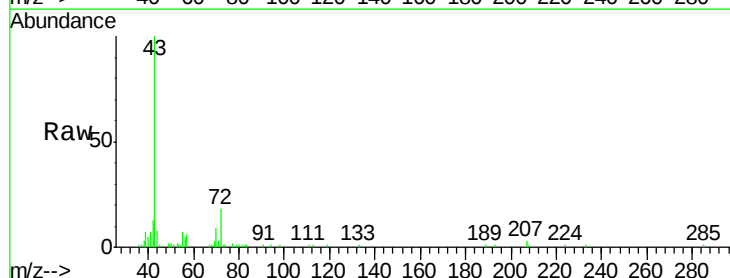
Instrument :
MSVOA_F
ClientSampleId :
WP021SB485-25-27-180619RE

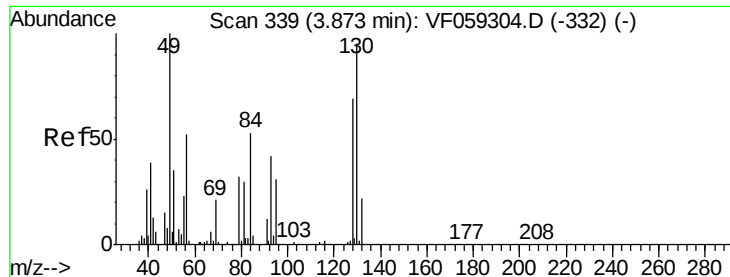
Tot Ion: 43 Resp: 120809
Ion Ratio Lower Upper
43 100
74 0.0 13.3 19.9#



#25
2-Butanone
Concen: 46.877 ug/l
RT: 4.49 min Scan# 401
Delta R.T. -0.01 min
Lab File: VF059322.D
Acq: 26 Jun 2018 17:41

Tgt Ion: 43 Resp: 46725
Ion Ratio Lower Upper
43 100
72 18.1 14.4 21.6





#28

Bromochloromethane

Concen: Below Cal

RT: 3.84 min Scan# 335

Delta R.T. -0.04 min

Lab File: VF059322.D

Acq: 26 Jun 2018 17:41

Instrument :

MSVOA_F

ClientSampleId :

WP021SB485-25-27-180619RE

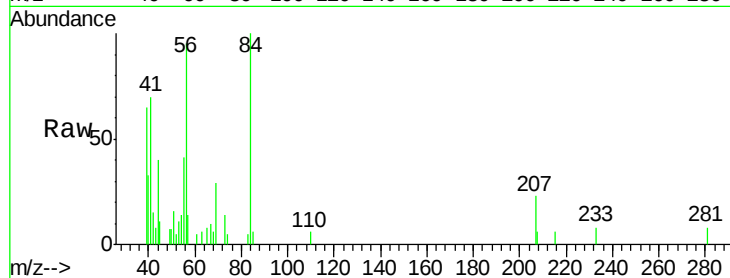
Tot Ion: 49 Resp: 153

Ion Ratio Lower Upper

49 100

129 0.0 0.0 6.4

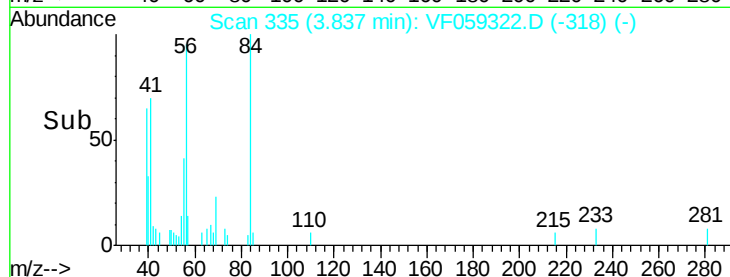
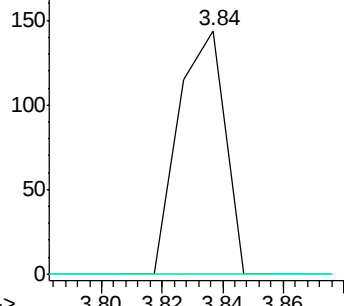
130 0.0 75.1 112.7#



Abundance Ion 49.00 (48.70 to 49.70): VF0

Ion 129.00 (128.70 to 129.70): VF0

Ion 130.00 (129.70 to 130.70): VF0



#29

Tetrahydrofuran

Concen: Below Cal

RT: 4.27 min Scan# 379

Delta R.T. 0.04 min

Lab File: VF059322.D

Acq: 26 Jun 2018 17:41

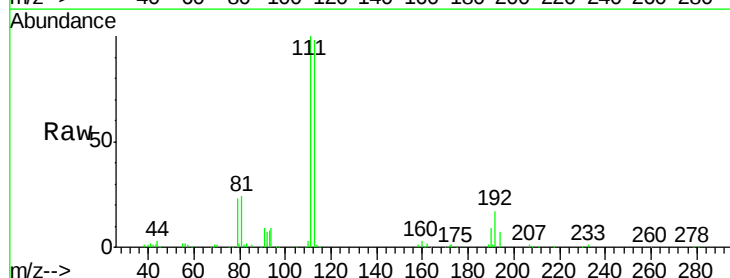
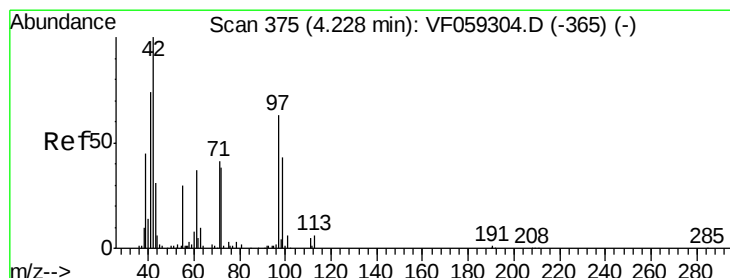
Tgt Ion: 42 Resp: 963

Ion Ratio Lower Upper

42 100

72 27.1 30.5 45.7#

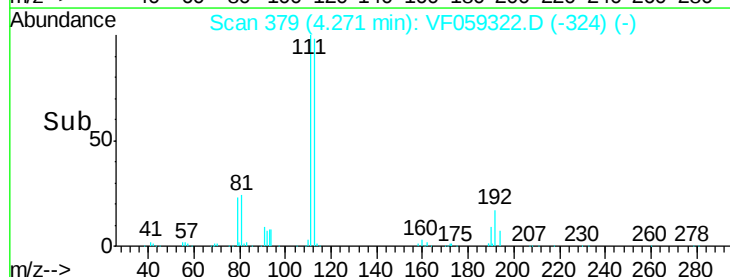
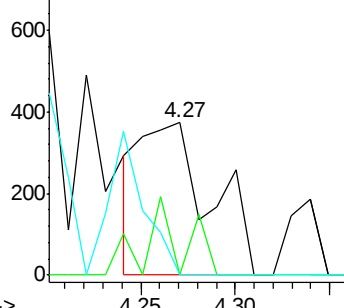
71 0.0 32.5 48.7#

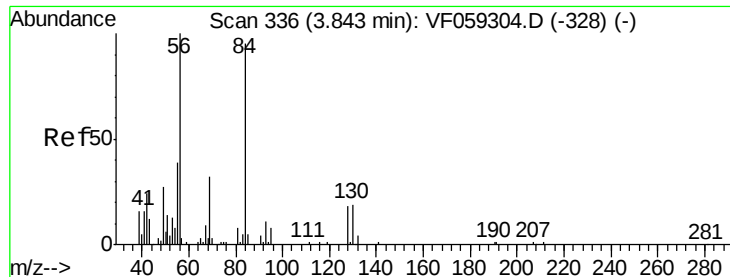


Abundance Ion 42.00 (41.70 to 42.70): VF0

Ion 72.00 (71.70 to 72.70): VF0

Ion 71.00 (70.70 to 71.70): VF0

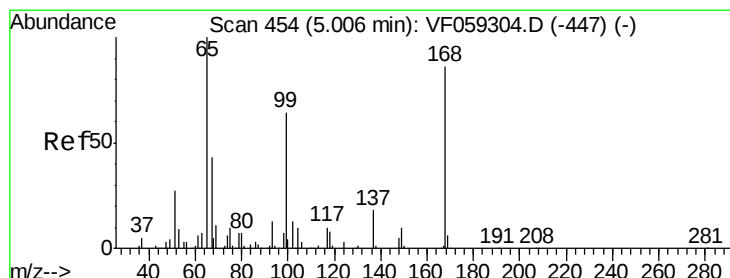
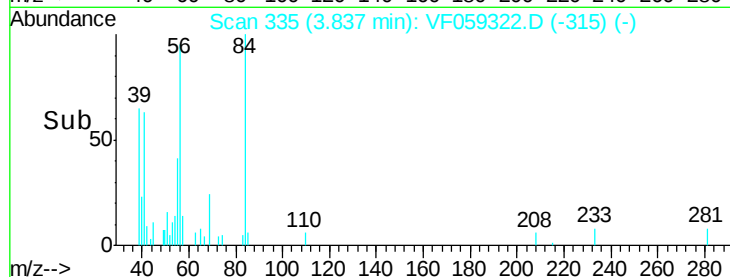
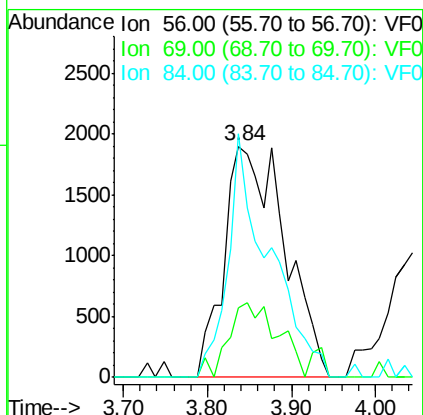
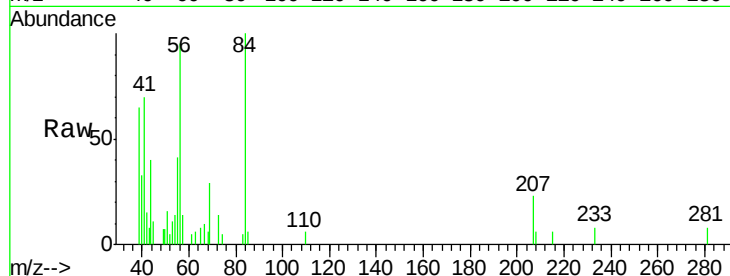




#31
Cyclohexane
Concen: 3.954 ug/l
RT: 3.84 min Scan# 335
Delta R.T. -0.01 min
Lab File: VF059322.D
Acq: 26 Jun 2018 17:41

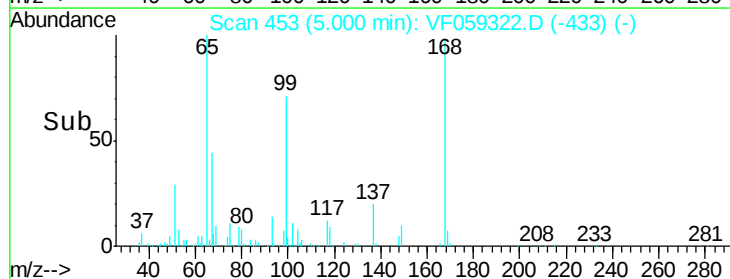
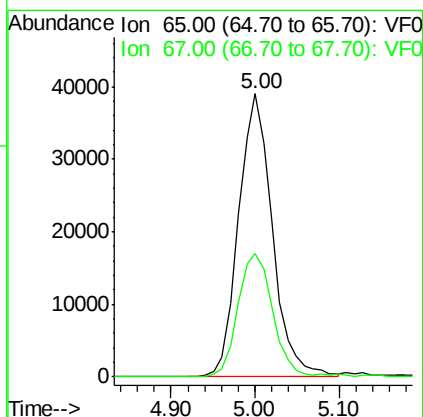
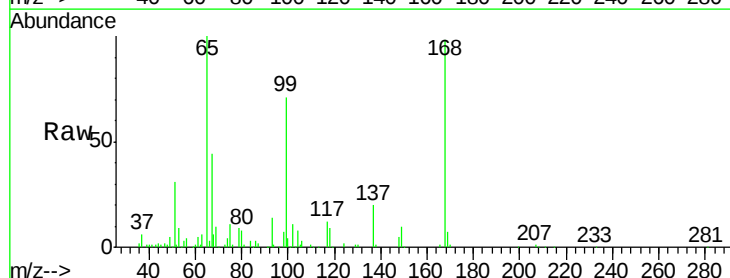
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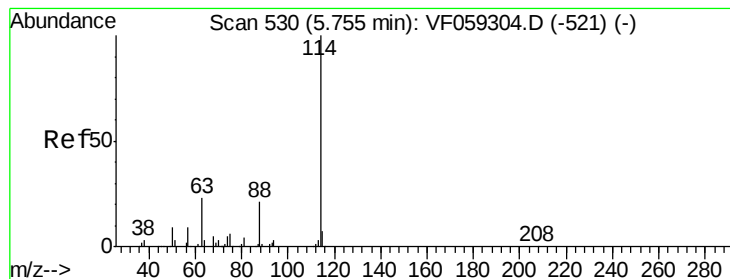
Tot Ion: 56 Resp: 9581
Ion Ratio Lower Upper
56 100
69 30.3 25.8 38.8
84 105.2 75.6 113.4



#33
1,2-Dichloroethane-d4
Concen: 34.719 ug/l
RT: 5.00 min Scan# 453
Delta R.T. -0.01 min
Lab File: VF059322.D
Acq: 26 Jun 2018 17:41

Tgt Ion: 65 Resp: 109201
Ion Ratio Lower Upper
65 100
67 43.5 0.0 96.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.75 min Scan# 529

Delta R.T. -0.01 min

Lab File: VF059322.D

Acq: 26 Jun 2018 17:41

Instrument :

MSVOA_F

ClientSampleId :

WP021SB485-25-27-180619RE

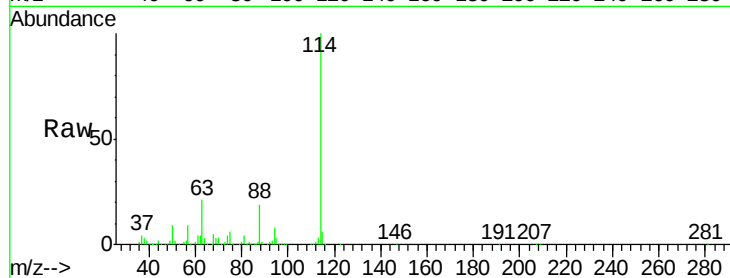
Tot Ion:114 Resp: 401038

Ion Ratio Lower Upper

114 100

63 20.5 0.0 45.8

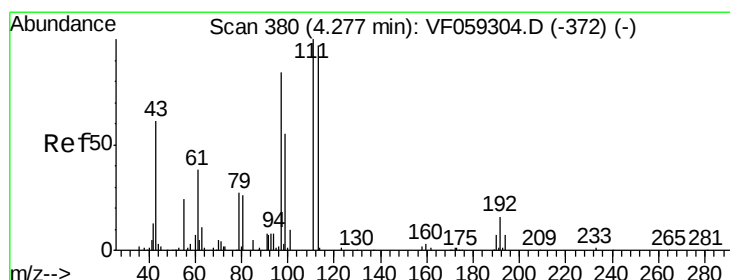
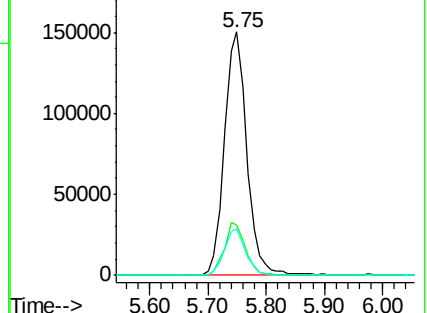
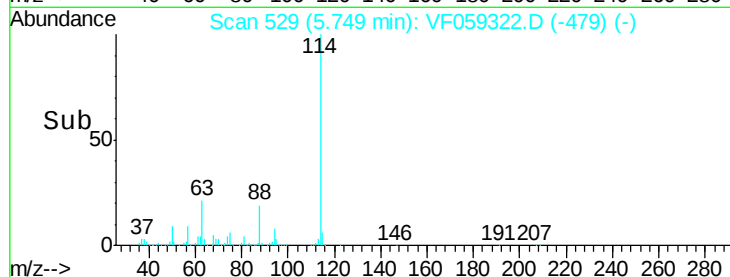
88 19.3 0.0 41.2



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: 36.270 ug/l

RT: 4.27 min Scan# 379

Delta R.T. -0.01 min

Lab File: VF059322.D

Acq: 26 Jun 2018 17:41

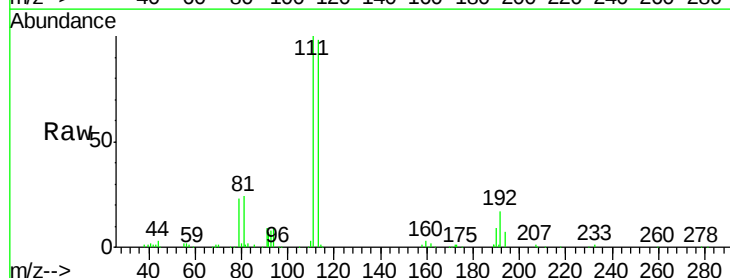
Tgt Ion:113 Resp: 106281

Ion Ratio Lower Upper

113 100

111 102.1 82.1 123.1

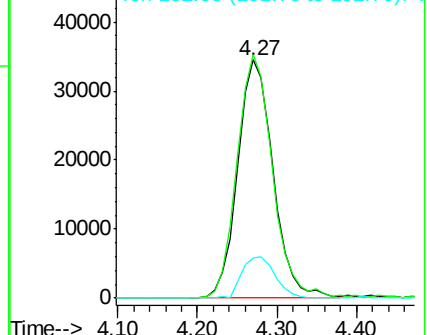
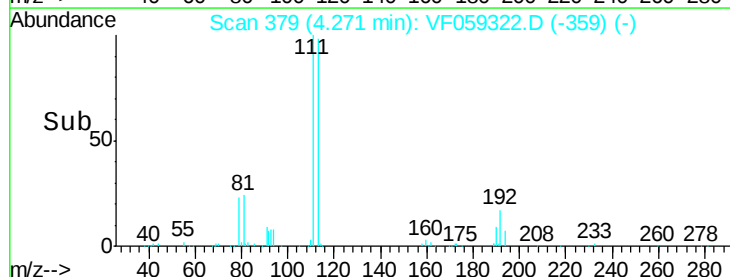
192 16.9 13.0 19.6

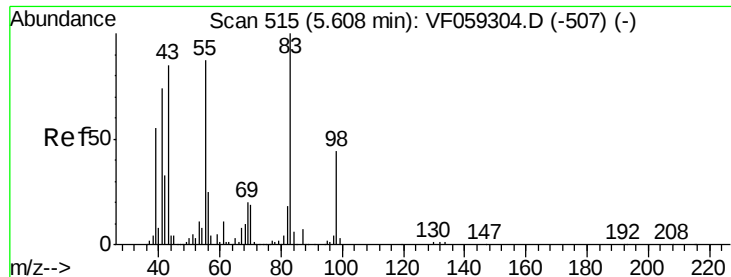


Abundance Ion 113.00 (112.70 to 113.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 192.00 (191.70 to 192.70): V

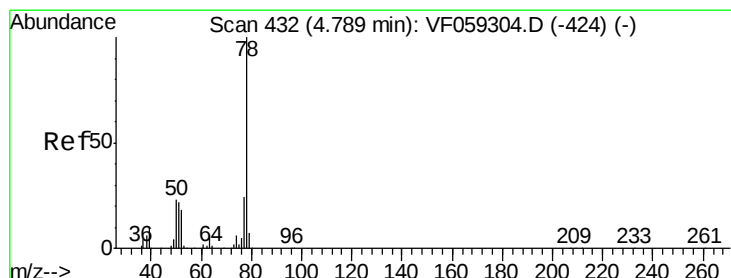
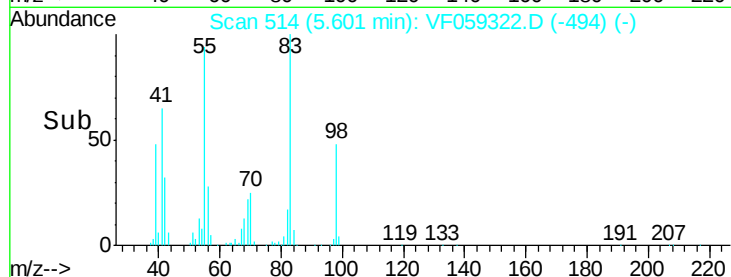
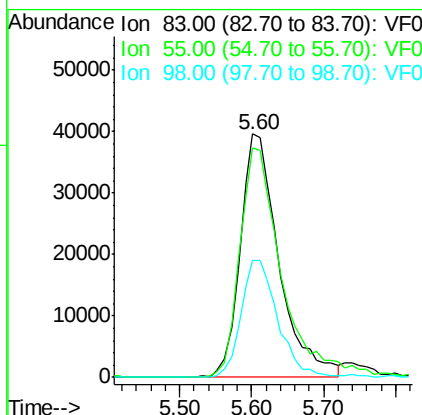
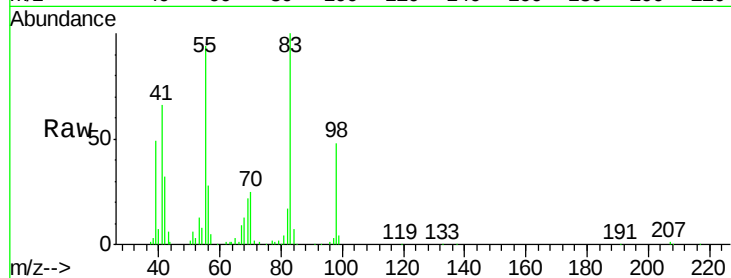




#39
Methvlcvclohexane
Concen: 47.610 ug/l
RT: 5.60 min Scan# 514
Delta R.T. -0.01 min
Lab File: VF059322.D
Acq: 26 Jun 2018 17:41

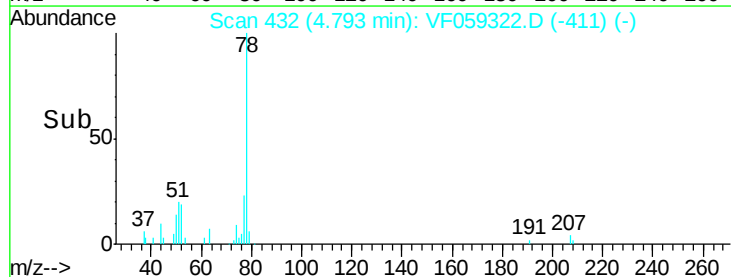
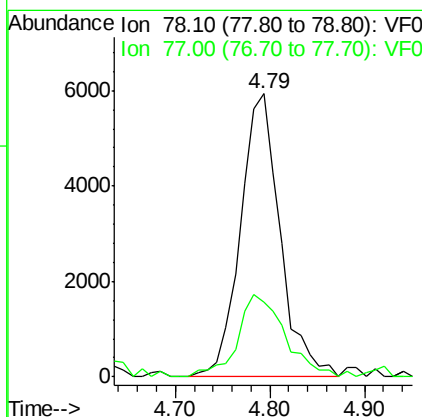
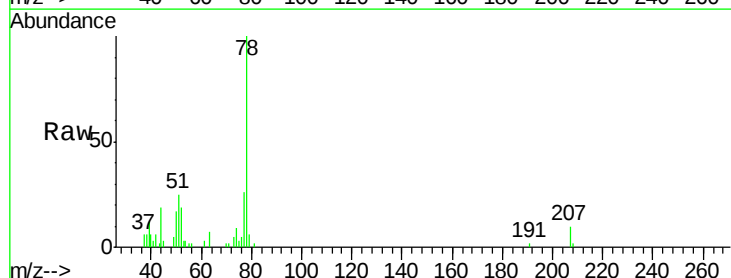
Instrument :
MSVOA_F
ClientSampleId :
WP021SB485-25-27-180619RE

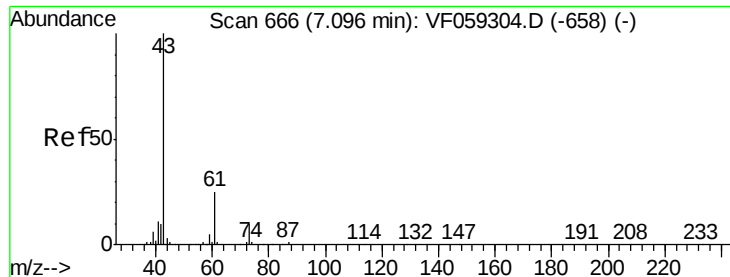
Tot Ion: 83 Resp: 147807
Ion Ratio Lower Upper
83 100
55 94.5 69.2 103.8
98 47.9 35.0 52.6



#40
Benzene
Concen: 2.229 ug/l
RT: 4.79 min Scan# 432
Delta R.T. 0.00 min
Lab File: VF059322.D
Acq: 26 Jun 2018 17:41

Tgt Ion: 78 Resp: 17312
Ion Ratio Lower Upper
78 100
77 26.2 19.6 29.4



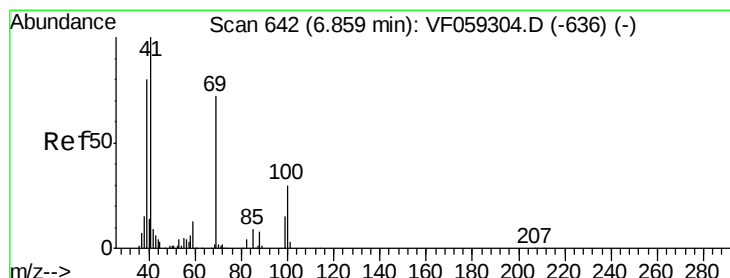
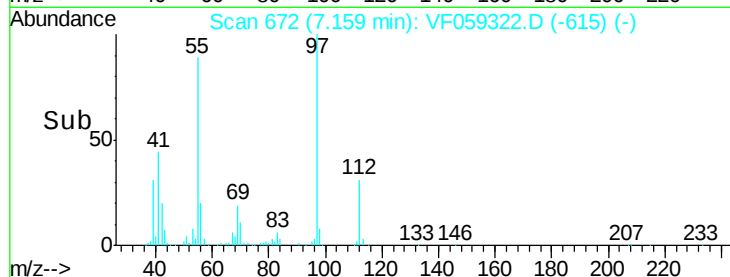
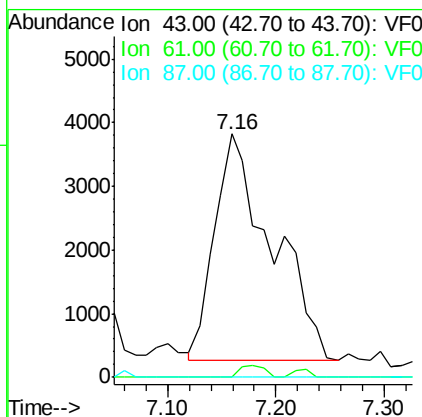
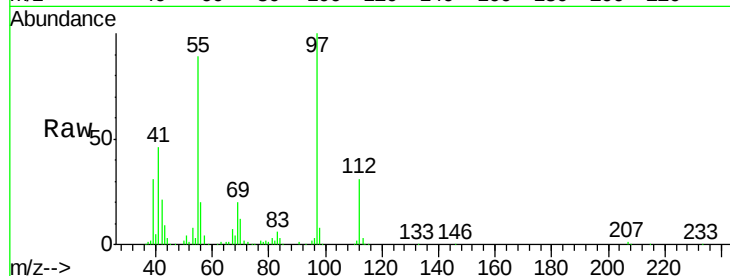


#43

Isopropyl Acetate
 Concen: 4.472 ug/l
 RT: 7.16 min Scan# 672
 Delta R.T. 0.06 min
 Lab File: VF059322.D
 Acq: 26 Jun 2018 17:41

Instrument :
 MSVOA_F
 ClientSampleId :
 WP021SB485-25-27-180619RE

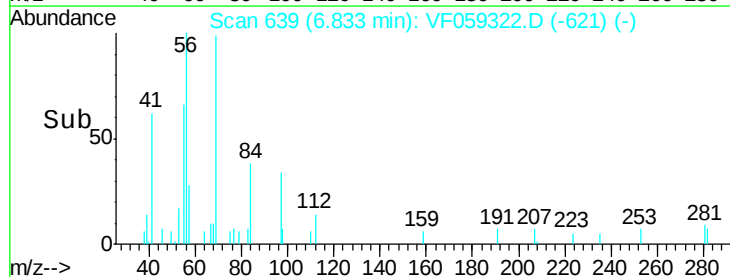
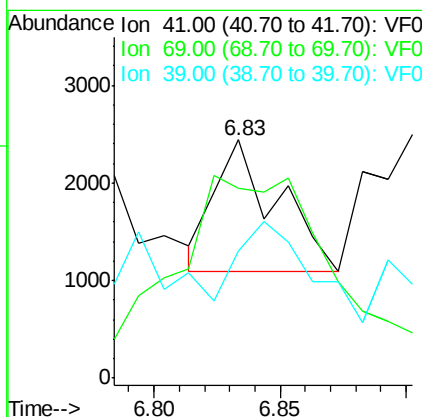
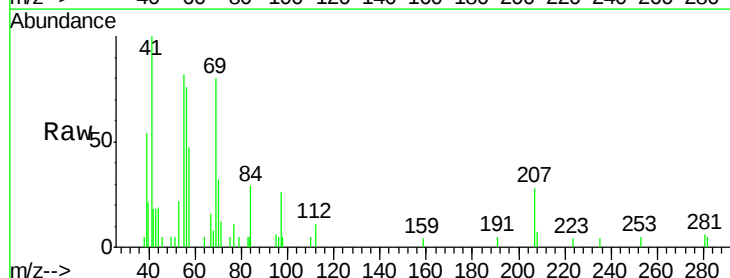
Tot Ion	Ratio	Lower	Upper
43	100		
61	0.0	19.7	29.5#
87	0.0	0.5	0.7#

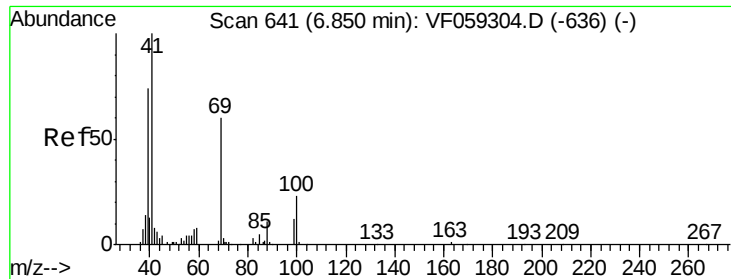


#48

Methyl methacrylate
 Concen: 1.196 ug/l
 RT: 6.83 min Scan# 639
 Delta R.T. -0.03 min
 Lab File: VF059322.D
 Acq: 26 Jun 2018 17:41

Tgt Ion	Ratio	Lower	Upper
41	100		
69	79.8	57.3	85.9
39	53.6	64.4	96.6#

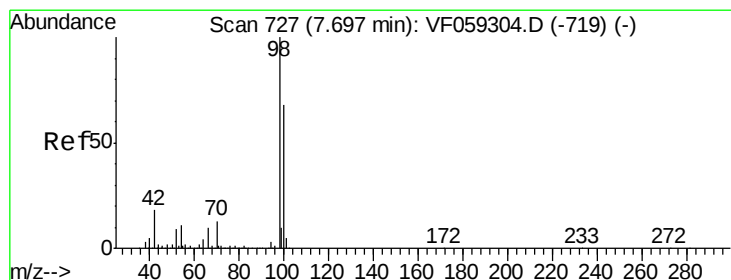
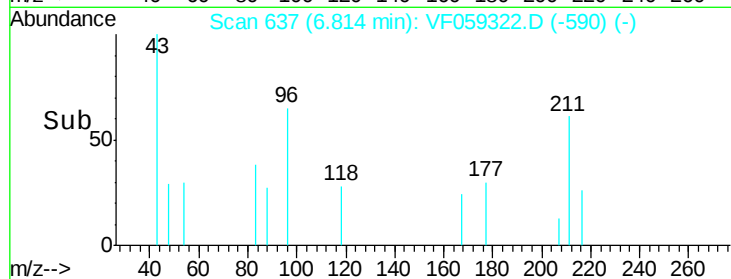
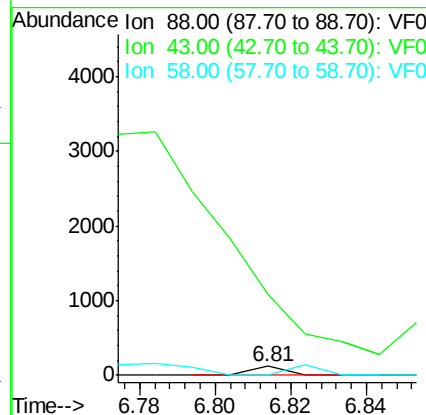
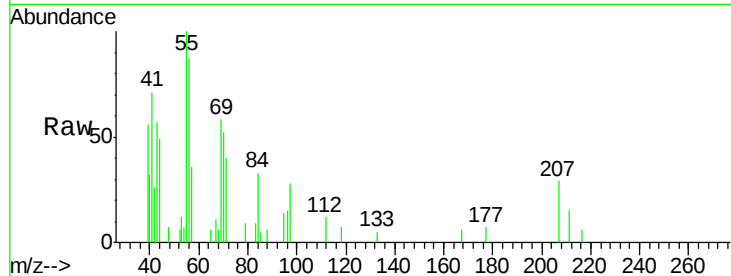




#49
1,4-Dioxane
Concen: Below Cal
RT: 6.81 min Scan# 637
Delta R.T. -0.04 min
Lab File: VF059322.D
Acq: 26 Jun 2018 17:41

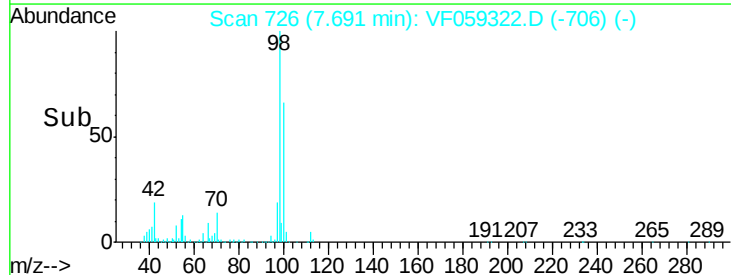
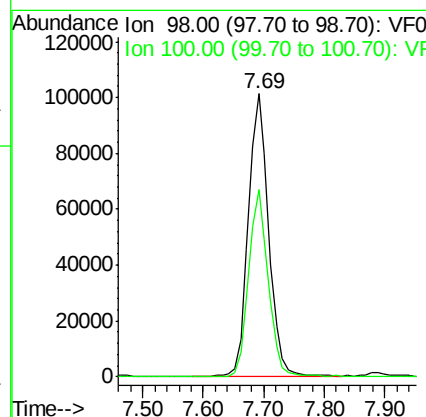
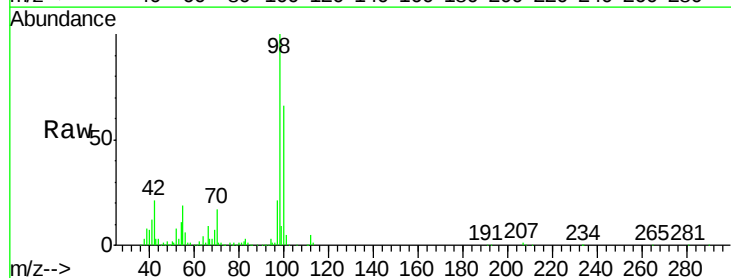
Instrument :
MSVOA_F
ClientSampleId :
WP021SB485-25-27-180619RE

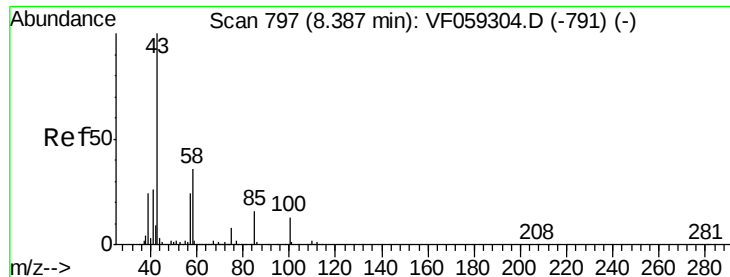
Tot Ion: 88 Resp: 73
Ion Ratio Lower Upper
88 100
43 874.2 50.6 75.8#
58 0.0 46.6 69.8#



#50
Toluene-d8
Concen: 32.881 ug/l
RT: 7.69 min Scan# 726
Delta R.T. -0.01 min
Lab File: VF059322.D
Acq: 26 Jun 2018 17:41

Tgt Ion: 98 Resp: 238554
Ion Ratio Lower Upper
98 100
100 66.1 54.6 82.0





#51

4-Methyl-2-Pentanone

Concen: 26.421 ug/l

RT: 8.41 min Scan# 799

Delta R.T. 0.02 min

Lab File: VF059322.D

Acq: 26 Jun 2018 17:41

Instrument :

MSVOA_F

ClientSampleId :

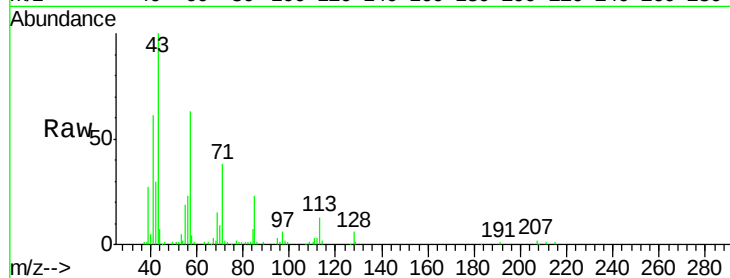
WP021SB485-25-27-180619RE

Tot Ion: 43 Resp: 57121

Ion Ratio Lower Upper

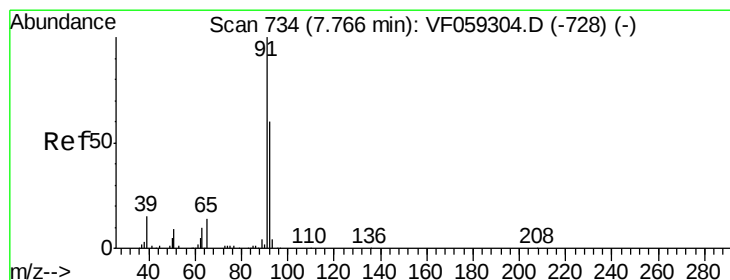
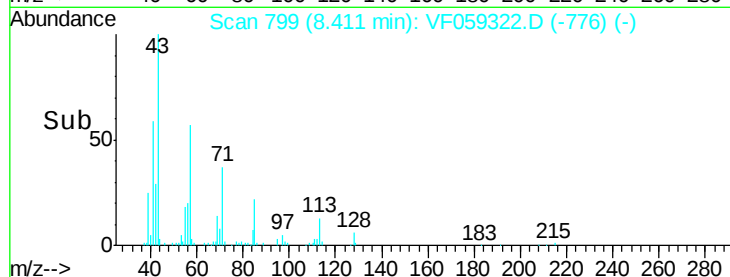
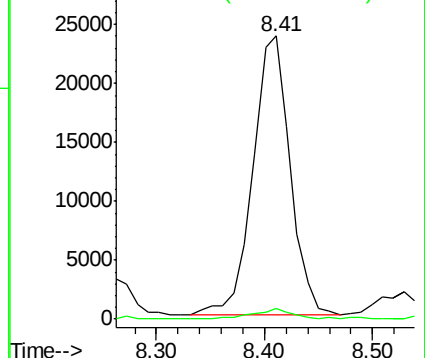
43 100

58 3.7 28.4 42.6#



Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 58.00 (57.70 to 58.70): VF0



#52

Toluene

Concen: 1.268 ug/l

RT: 7.76 min Scan# 733

Delta R.T. -0.01 min

Lab File: VF059322.D

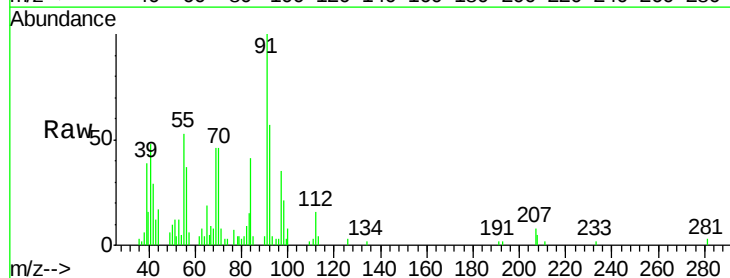
Acq: 26 Jun 2018 17:41

Tgt Ion: 92 Resp: 7370

Ion Ratio Lower Upper

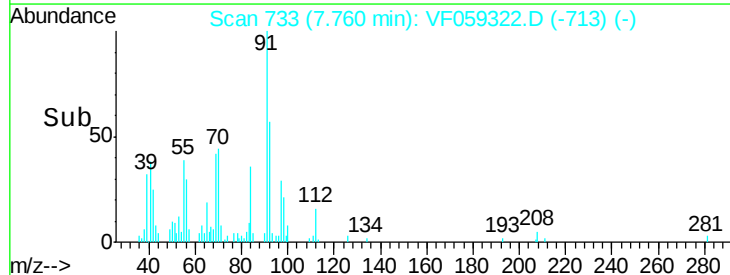
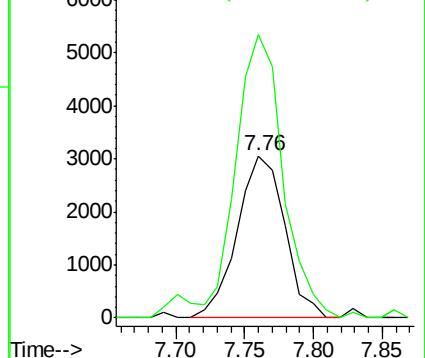
92 100

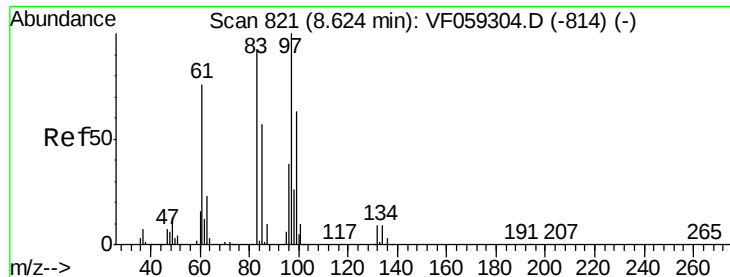
91 174.9 132.8 199.2



Abundance Ion 92.00 (91.70 to 92.70): VF0

Ion 91.00 (90.70 to 91.70): VF0





#55

1,1,2-Trichloroethane

Concen: 8.899 ug/l

RT: 8.52 min Scan# 810

Delta R.T. -0.10 min

Lab File: VF059322.D

Acq: 26 Jun 2018 17:41

Instrument :

MSVOA_F

ClientSampleId :

WP021SB485-25-27-180619RE

Tot Ion: 97 Resp: 20083

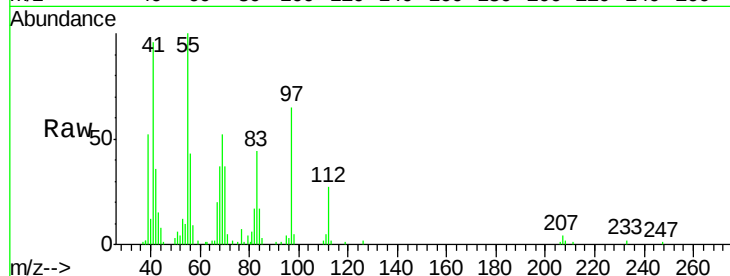
Ion Ratio Lower Upper

97 100

83 67.9 73.8 110.8#

85 4.7 45.5 68.3#

99 0.0 50.7 76.1#

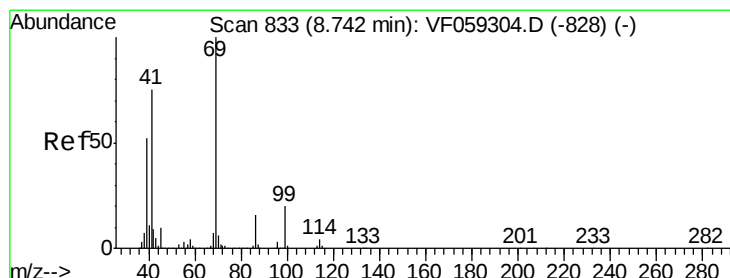
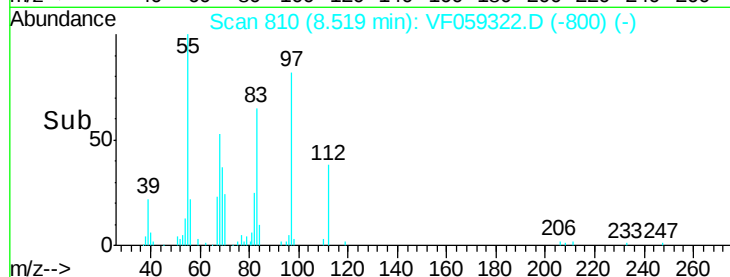
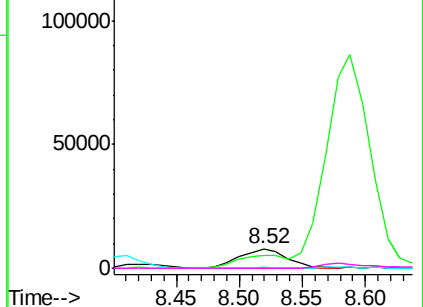


Abundance Ion 97.00 (96.70 to 97.70): VF0

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: 76.043 ug/l

RT: 8.76 min Scan# 834

Delta R.T. 0.01 min

Lab File: VF059322.D

Acq: 26 Jun 2018 17:41

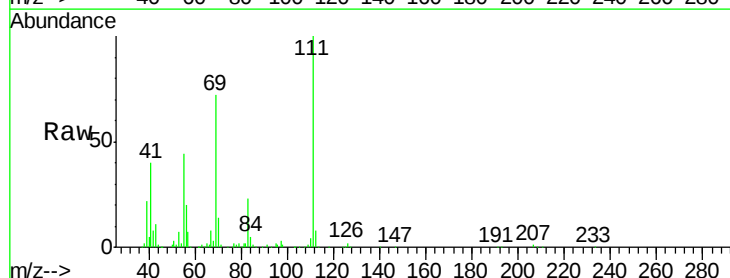
Tgt Ion: 69 Resp: 212587

Ion Ratio Lower Upper

69 100

41 56.0 60.3 90.5#

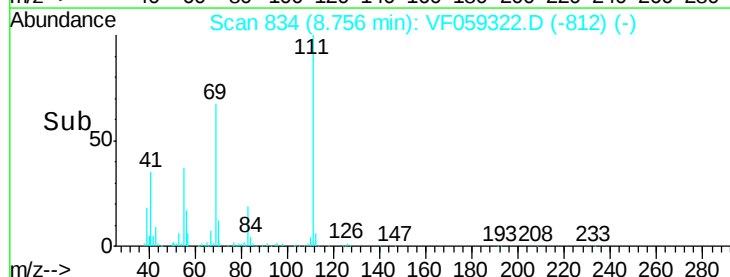
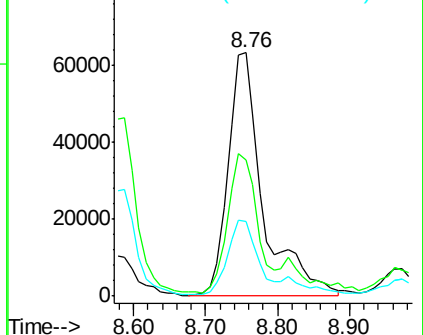
39 30.5 42.2 63.4#

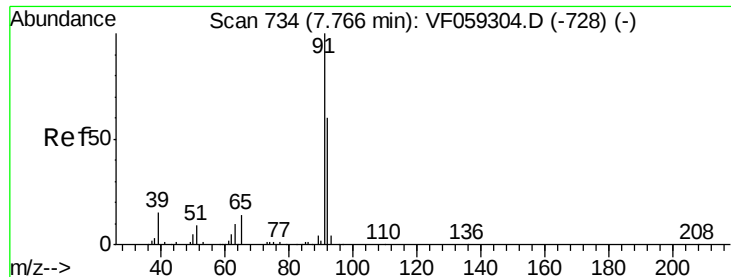


Abundance Ion 69.00 (68.70 to 69.70): VF0

Ion 41.00 (40.70 to 41.70): VF0

Ion 39.00 (38.70 to 39.70): VF0

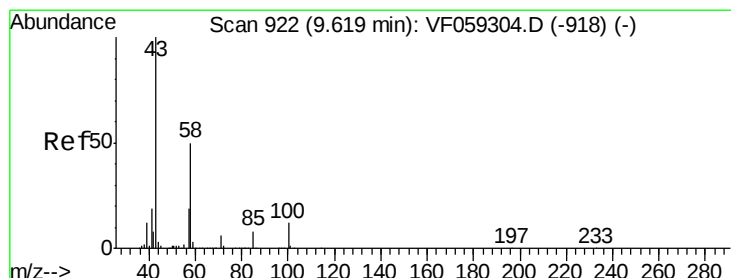
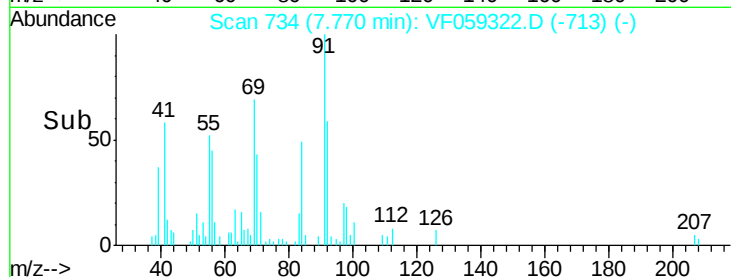
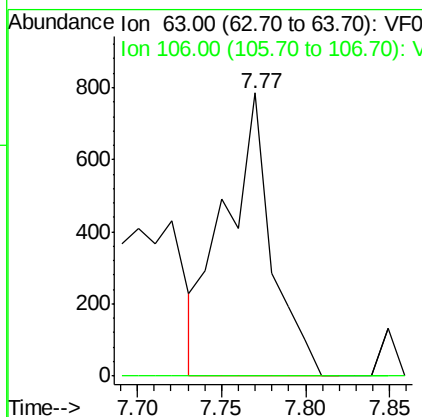
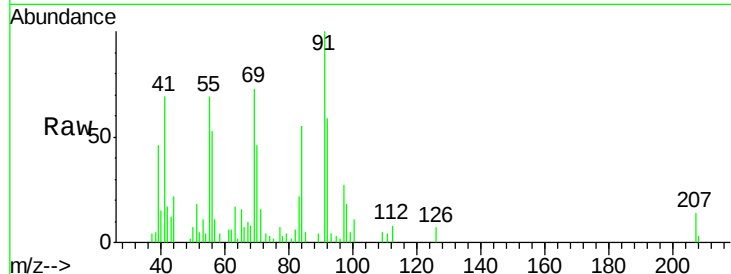




#58
 2-Chloroethyl Vinyl ether
 Concen: 7.207 ug/l
 RT: 7.77 min Scan# 734
 Delta R.T. 0.00 min
 Lab File: VF059322.D
 Acq: 26 Jun 2018 17:41

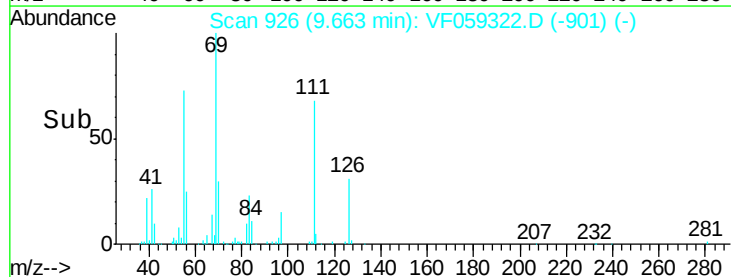
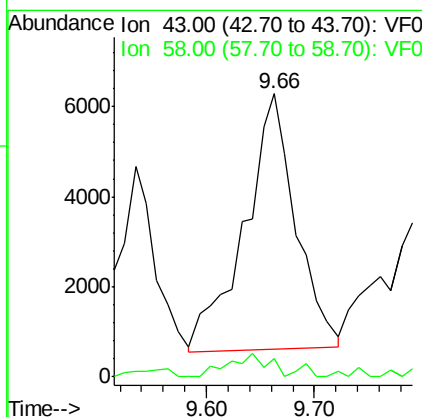
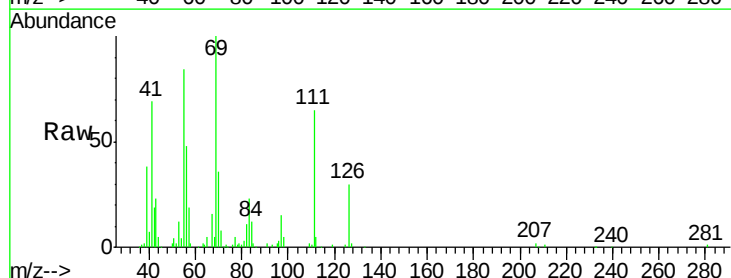
Instrument :
 MSVOA_F
 ClientSampleId :
 WP021SB485-25-27-180619RE

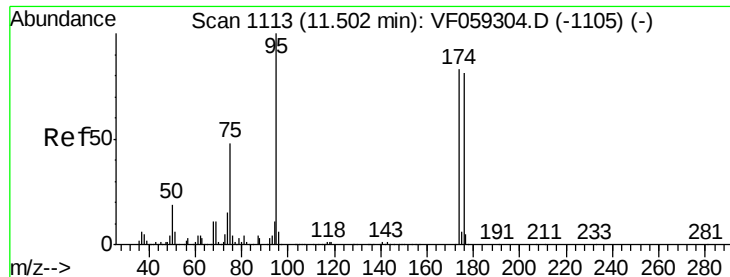
Tot Ion: 63 Resp: 1511
 Ion Ratio Lower Upper
 63 100
 106 0.0 0.0 0.0



#59
 2-Hexanone
 Concen: Below Cal
 RT: 9.66 min Scan# 926
 Delta R.T. 0.04 min
 Lab File: VF059322.D
 Acq: 26 Jun 2018 17:41

Tgt Ion: 43 Resp: 18728
 Ion Ratio Lower Upper
 43 100
 58 6.7 23.3 69.9#





#62

4-Bromofluorobenzene

Concen: 50.757 ug/l

RT: 11.50 min Scan# 1112

Delta R.T. -0.01 min

Lab File: VF059322.D

Acq: 26 Jun 2018 17:41

Instrument :

MSVOA_F

ClientSampleId :

WP021SB485-25-27-180619RE

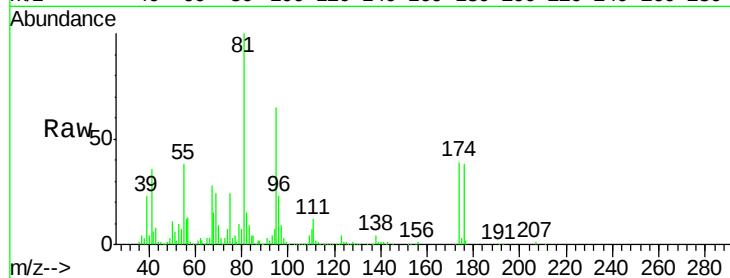
Tot Ion: 95 Resp: 207722

Ion Ratio Lower Upper

95 100

174 60.3 0.0 165.2

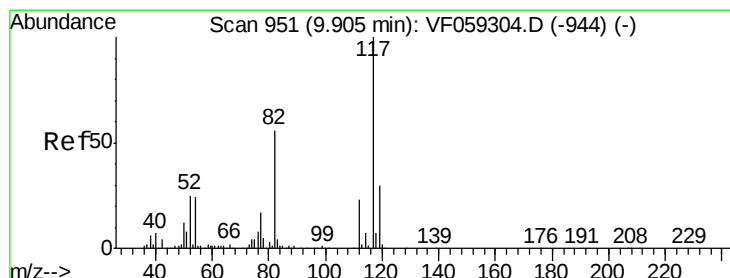
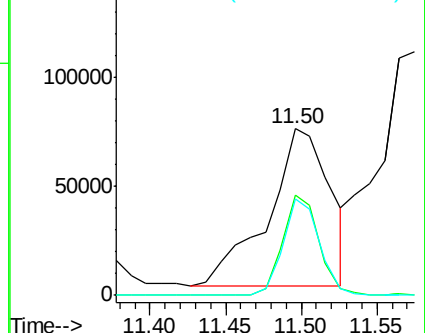
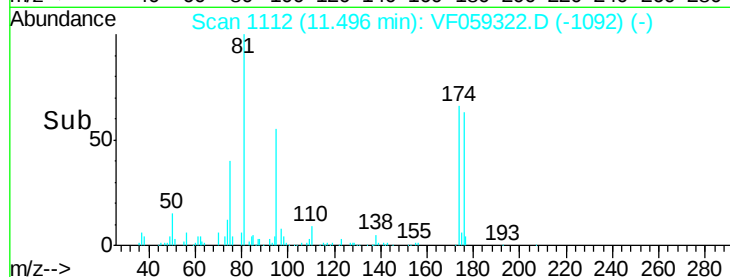
176 58.3 0.0 161.0



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# 950

Delta R.T. -0.01 min

Lab File: VF059322.D

Acq: 26 Jun 2018 17:41

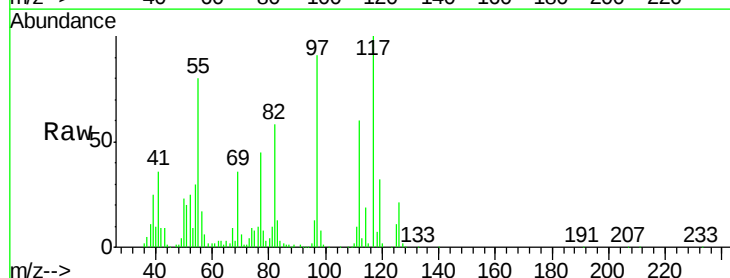
Tgt Ion: 117 Resp: 309882

Ion Ratio Lower Upper

117 100

82 58.0 44.6 66.8

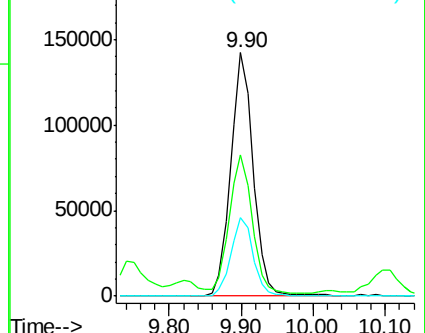
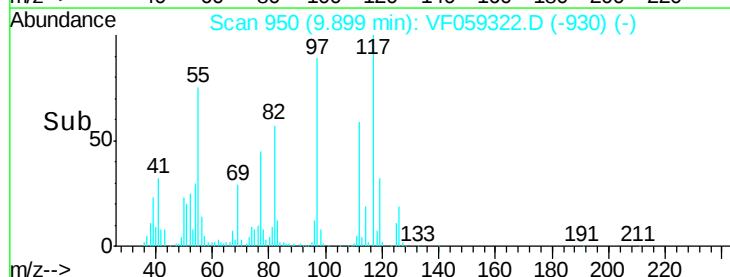
119 32.4 24.1 36.1

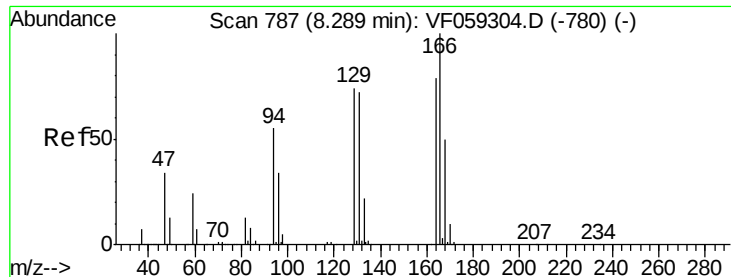


Abundance Ion 117.00 (116.70 to 117.70): V

Ion 82.00 (81.70 to 82.70): VF0

Ion 119.00 (118.70 to 119.70): V





#64

Tetrachloroethene

Concen: 3.133 ug/l

RT: 8.29 min Scan# 787

Delta R.T. 0.00 min

Lab File: VF059322.D

Acq: 26 Jun 2018 17:41

Instrument :

MSVOA_F

ClientSampleId :

WP021SB485-25-27-180619RE

Tot Ion:164 Resp: 6297

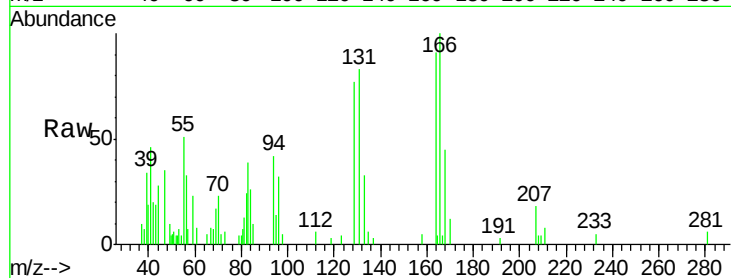
Ion Ratio Lower Upper

164 100

166 106.2 101.1 151.7

129 81.5 75.0 112.4

131 88.2 73.3 109.9

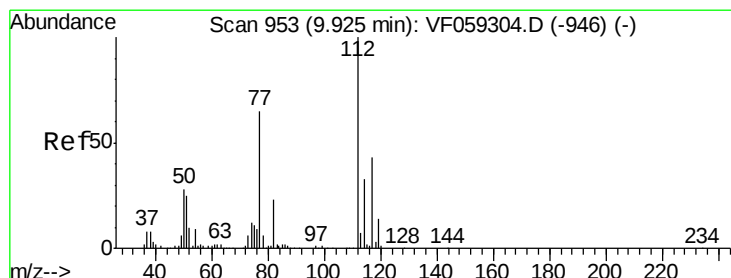
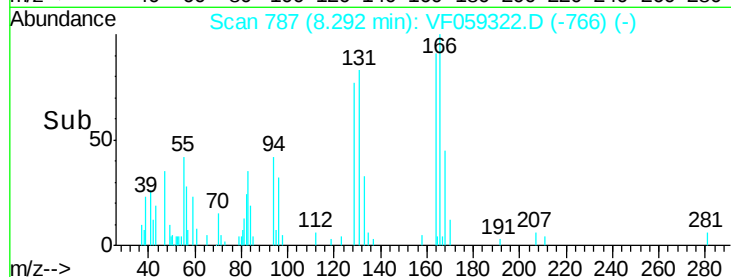
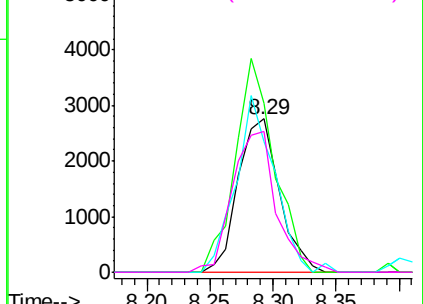


Abundance Ion 163.85 (163.55 to 164.55): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.90 (128.60 to 129.60): V

Ion 130.90 (130.60 to 131.60): V



#65

Chlorobenzene

Concen: 148.675 ug/l

RT: 9.93 min Scan# 953

Delta R.T. 0.00 min

Lab File: VF059322.D

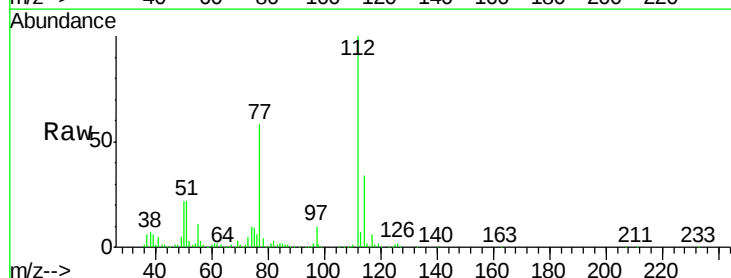
Acq: 26 Jun 2018 17:41

Tgt Ion:112 Resp: 853716

Ion Ratio Lower Upper

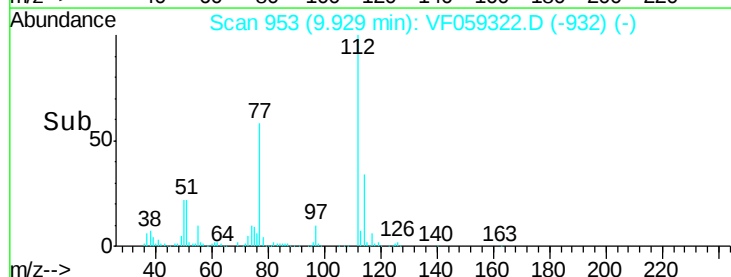
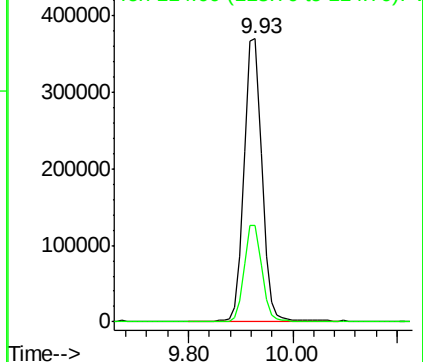
112 100

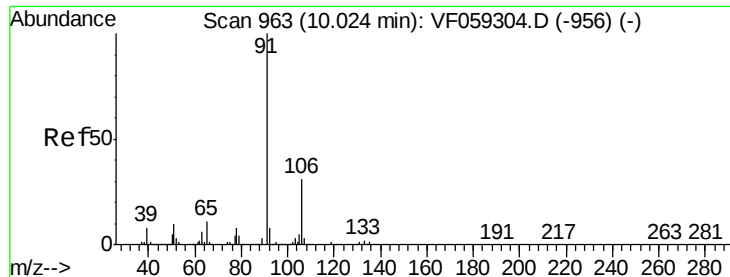
114 33.9 26.5 39.7



Abundance Ion 112.00 (111.70 to 112.70): V

Ion 114.00 (113.70 to 114.70): V





#67

Ethyl Benzene

Concen: 1.702 ug/l

RT: 10.02 min Scan# 962

Delta R.T. -0.01 min

Lab File: VF059322.D

Acq: 26 Jun 2018 17:41

Instrument :

MSVOA_F

ClientSampleId :

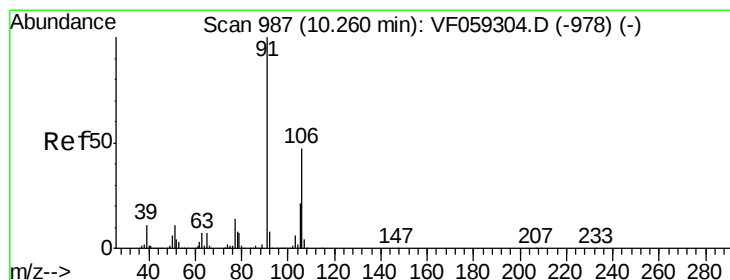
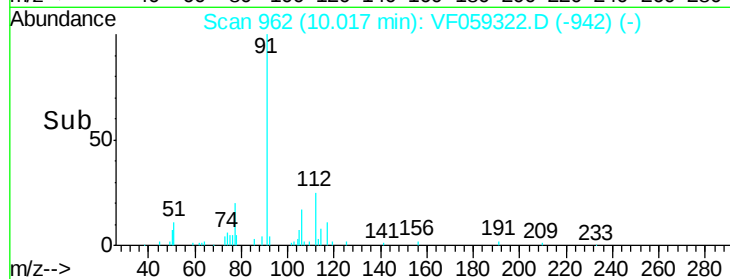
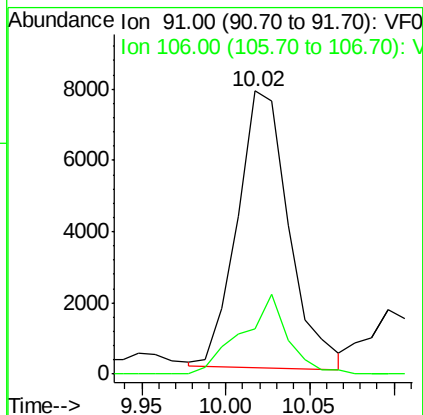
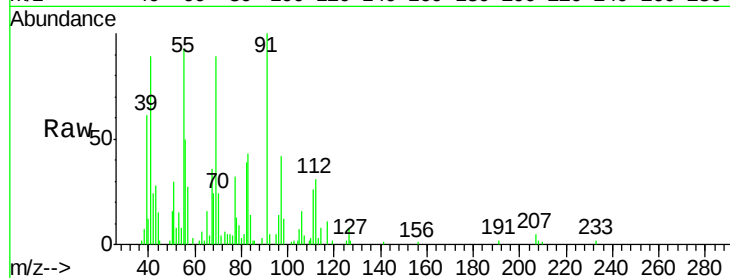
WP021SB485-25-27-180619RE

Tot Ion: 91 Resp: 16575

Ion Ratio Lower Upper

91 100

106 16.0 24.8 37.2#



#68

m/p-Xylenes

Concen: 1.152 ug/l

RT: 10.25 min Scan# 986

Delta R.T. -0.01 min

Lab File: VF059322.D

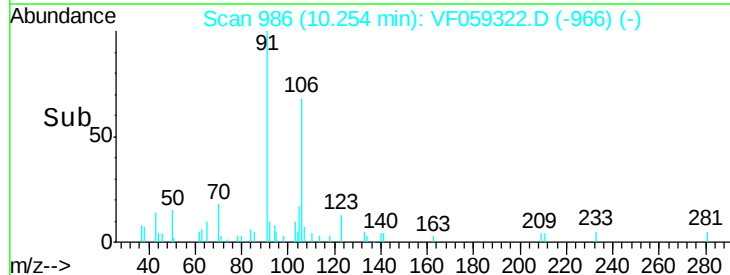
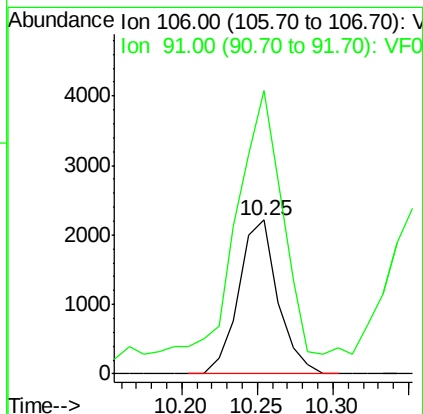
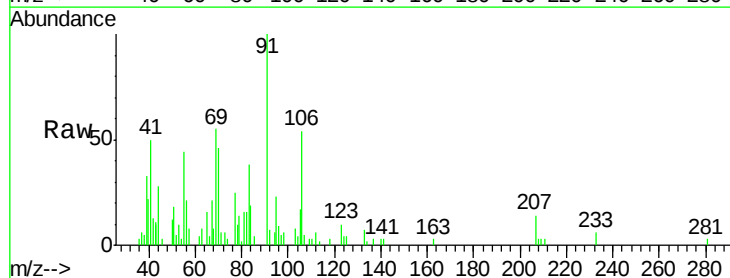
Acq: 26 Jun 2018 17:41

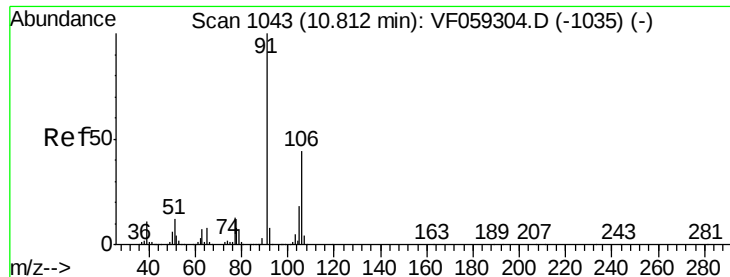
Tgt Ion: 106 Resp: 3993

Ion Ratio Lower Upper

106 100

91 184.0 170.8 256.2

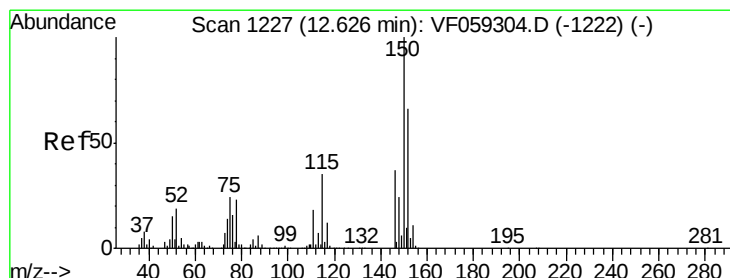
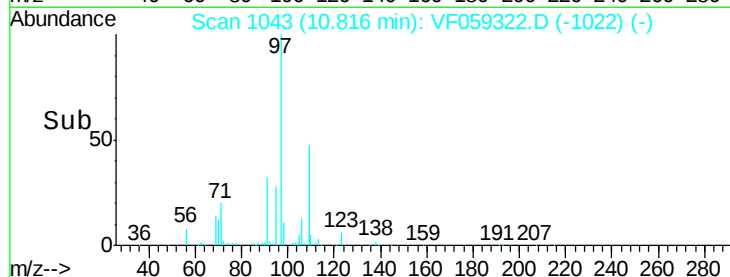
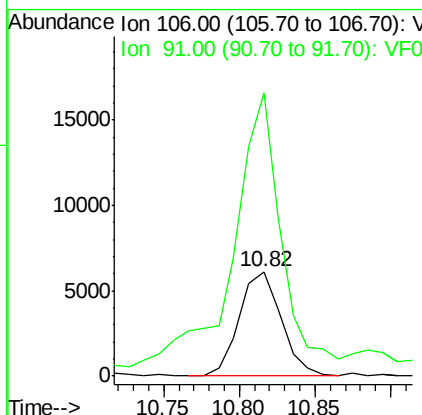
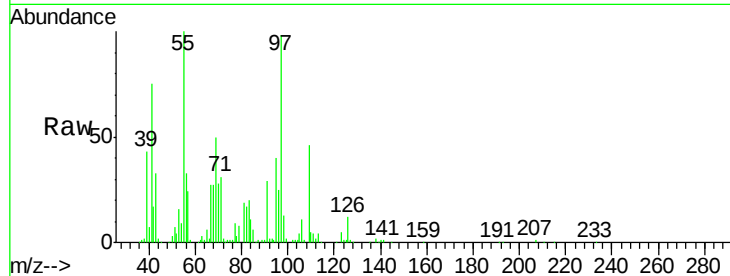




#69
o-Xylene
Concen: 3.056 ug/l
RT: 10.82 min Scan# 1043
Delta R.T. 0.00 min
Lab File: VF059322.D
Acq: 26 Jun 2018 17:41

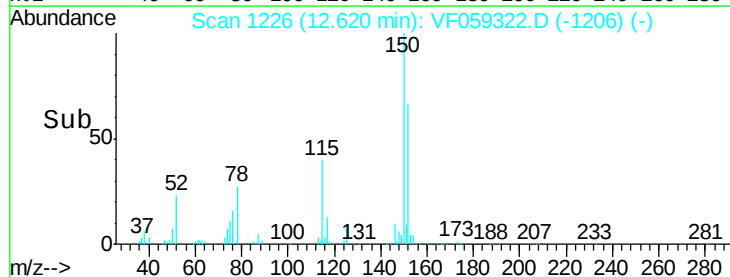
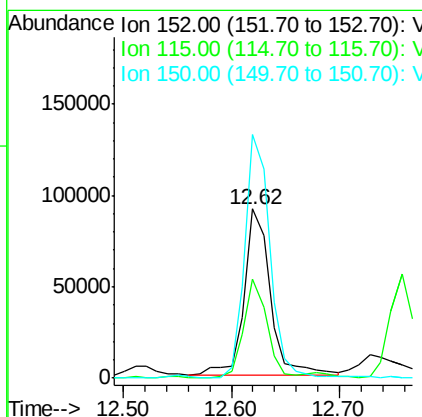
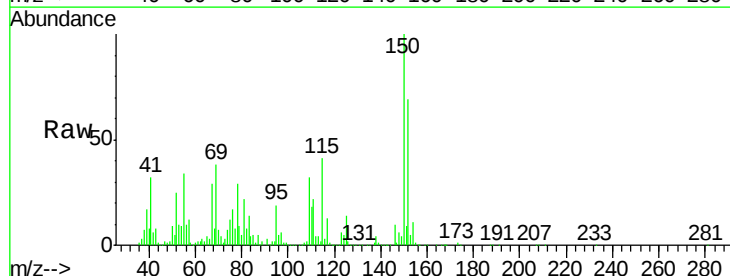
Instrument :
MSVOA_F
ClientSampleId :
WP021SB485-25-27-180619RE

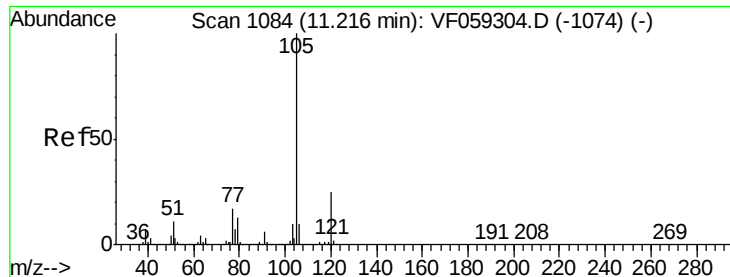
Tot Ion:106 Resp: 11851
Ion Ratio Lower Upper
106 100
91 271.6 114.6 343.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.62 min Scan# 1226
Delta R.T. -0.01 min
Lab File: VF059322.D
Acq: 26 Jun 2018 17:41

Tgt Ion:152 Resp: 154480
Ion Ratio Lower Upper
152 100
115 58.9 27.1 81.3
150 144.2 0.0 305.2





#73

Isopropylbenzene

Concen: 7.111 ug/l

RT: 11.22 min Scan# 1084

Delta R.T. 0.00 min

Lab File: VF059322.D

Acq: 26 Jun 2018 17:41

Instrument :

MSVOA_F

ClientSampleId :

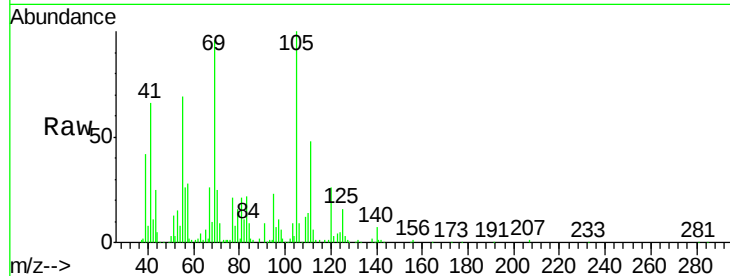
WP021SB485-25-27-180619RE

Tot Ion:105 Resp: 63998

Ion Ratio Lower Upper

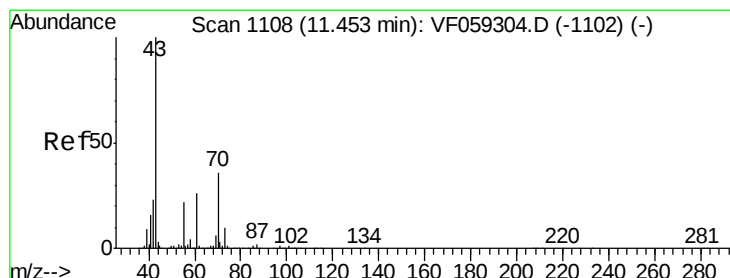
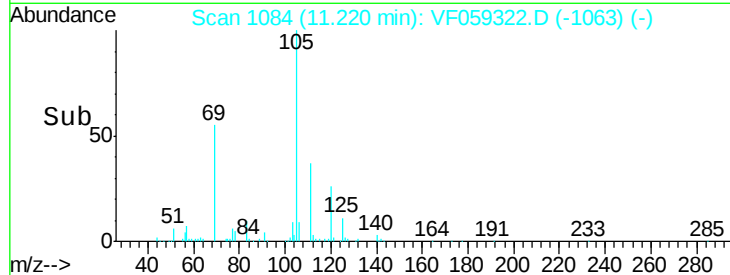
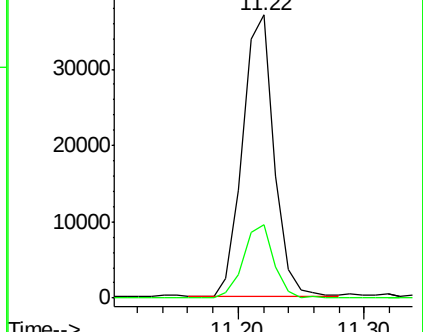
105 100

120 26.0 12.3 36.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 15.909 ug/l

RT: 11.48 min Scan# 1110

Delta R.T. 0.02 min

Lab File: VF059322.D

Acq: 26 Jun 2018 17:41

Tgt Ion: 43 Resp: 51957

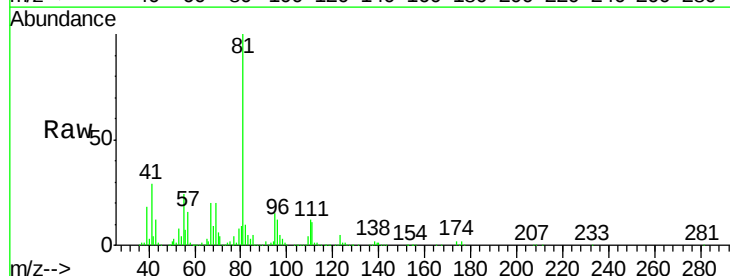
Ion Ratio Lower Upper

43 100

70 51.5 28.8 43.2#

55 198.8 17.4 26.0#

61 1.9 21.1 31.7#

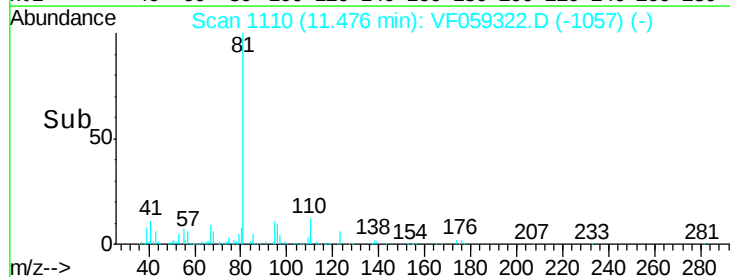
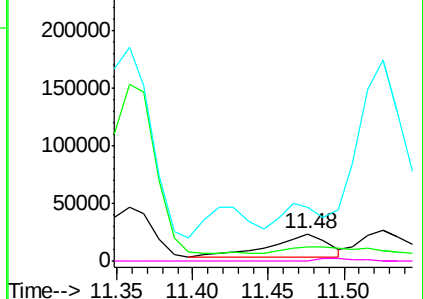


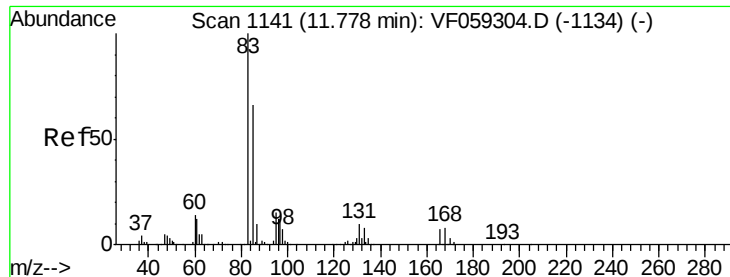
Abundance Ion 43.00 (42.70 to 43.70): VF0

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: 44.071 ug/l

RT: 11.75 min Scan# 1138

Delta R.T. -0.03 min

Lab File: VF059322.D

Acq: 26 Jun 2018 17:41

Instrument :

MSVOA_F

ClientSampleId :

WP021SB485-25-27-180619RE

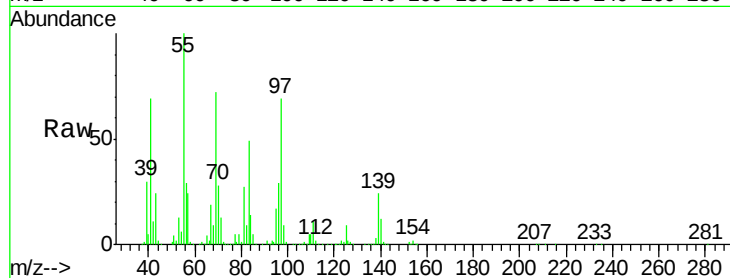
Tot Ion: 83 Resp: 100168

Ion Ratio Lower Upper

83 100

131 0.0 4.9 14.6#

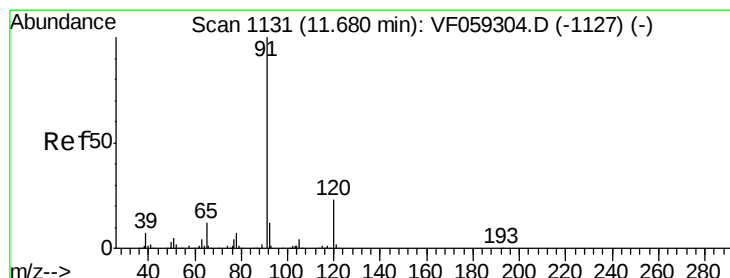
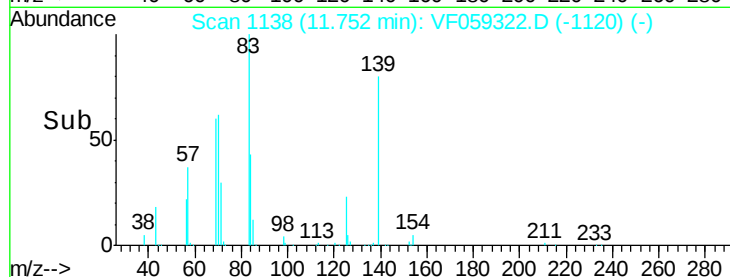
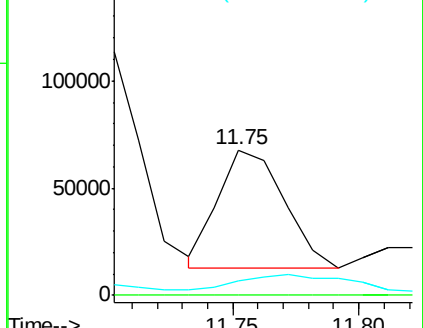
85 9.8 32.8 98.4#



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: 6.055 ug/l

RT: 11.67 min Scan# 1130

Delta R.T. -0.01 min

Lab File: VF059322.D

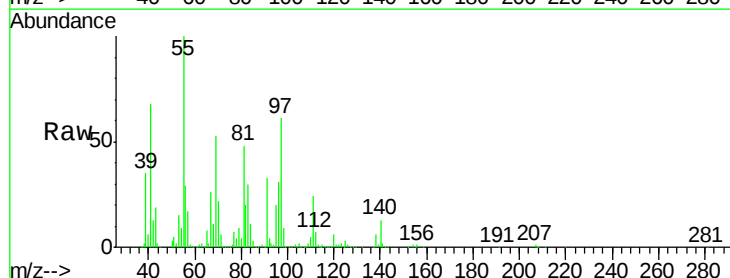
Acq: 26 Jun 2018 17:41

Tgt Ion: 91 Resp: 65440

Ion Ratio Lower Upper

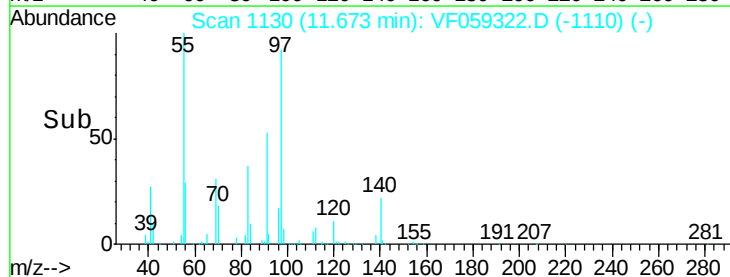
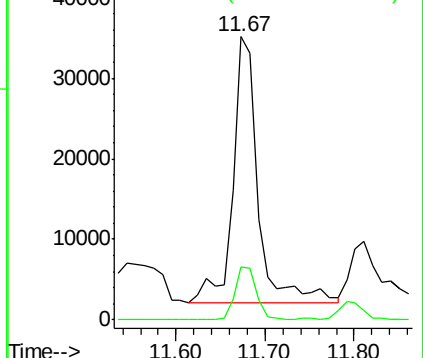
91 100

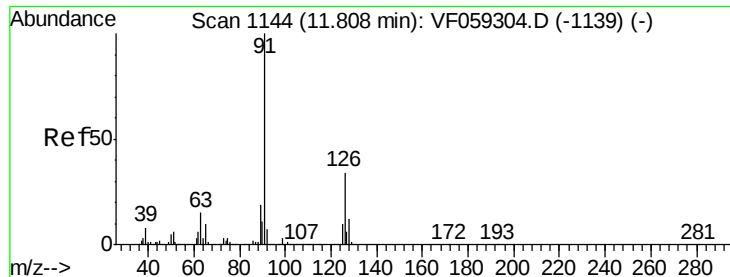
120 18.8 11.7 35.0



Abundance Ion 91.00 (90.70 to 91.70): VF0

Ion 120.00 (119.70 to 120.70): V

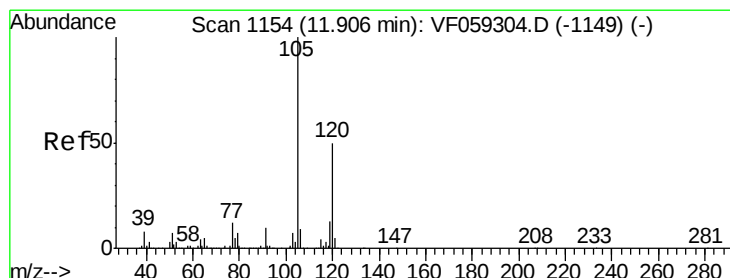
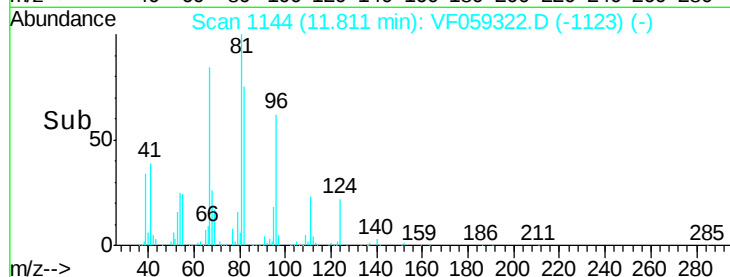
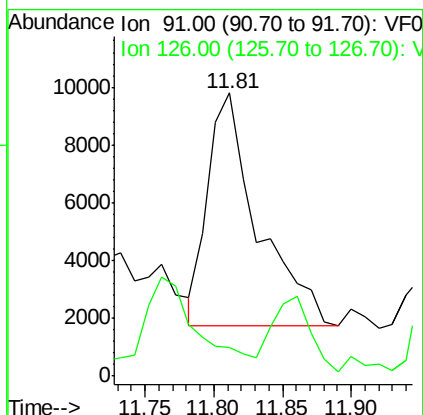
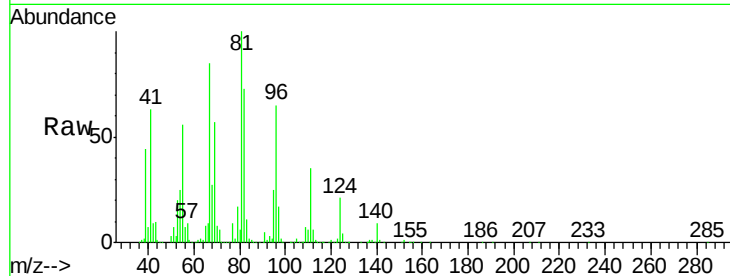




#79
2-Chlorotoluene
Concen: 3.079 ug/l
RT: 11.81 min Scan# 1144
Delta R.T. 0.00 min
Lab File: VF059322.D
Acq: 26 Jun 2018 17:41

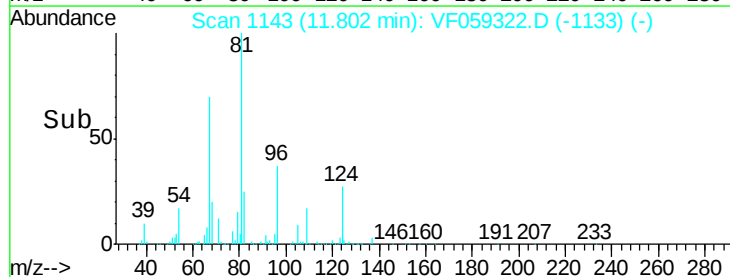
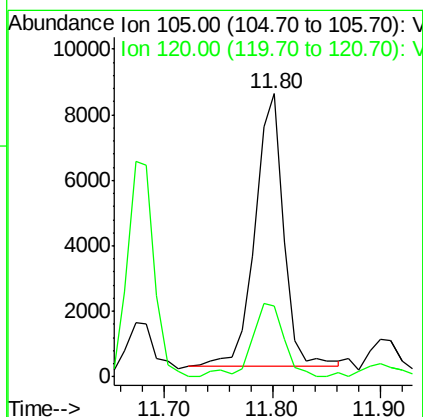
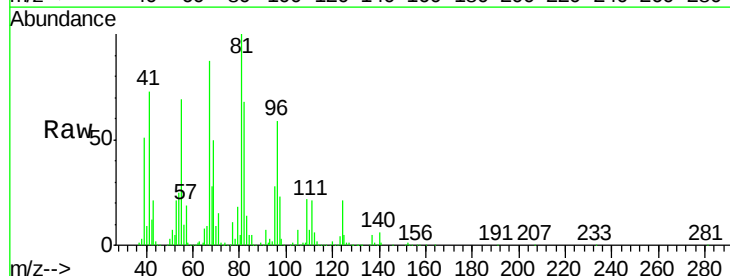
Instrument :
MSVOA_F
ClientSampleId :
WP021SB485-25-27-180619RE

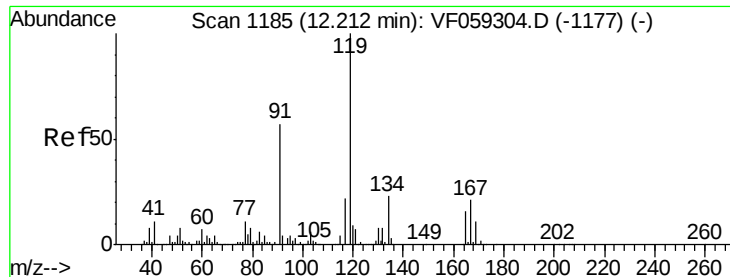
Tot Ion: 91 Resp: 20332
Ion Ratio Lower Upper
91 100
126 10.1 17.2 51.5#



#80
1,3,5-Trimethylbenzene
Concen: 1.942 ug/l
RT: 11.80 min Scan# 1143
Delta R.T. -0.10 min
Lab File: VF059322.D
Acq: 26 Jun 2018 17:41

Tgt Ion: 105 Resp: 15309
Ion Ratio Lower Upper
105 100
120 25.0 24.9 74.7

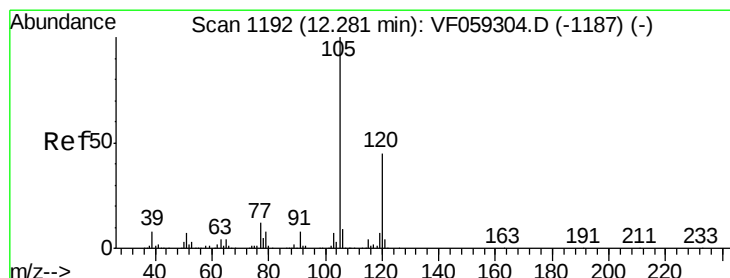
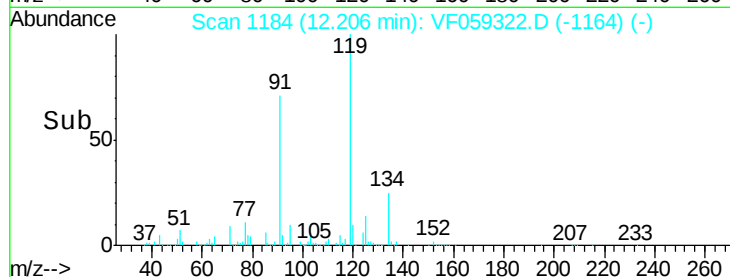
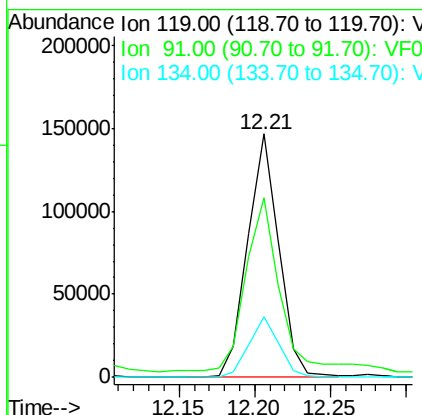
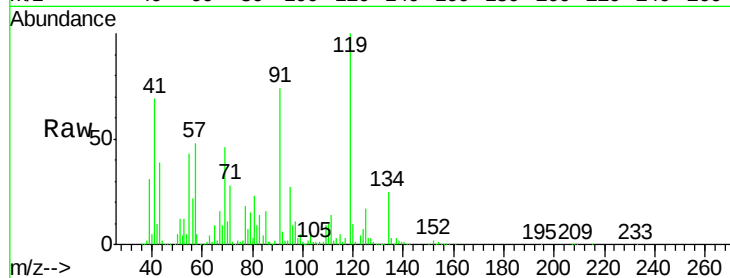




#83
tert-Butylbenzene
Concen: 26.902 ug/l
RT: 12.21 min Scan# 1184
Delta R.T. -0.01 min
Lab File: VF059322.D
Acq: 26 Jun 2018 17:41

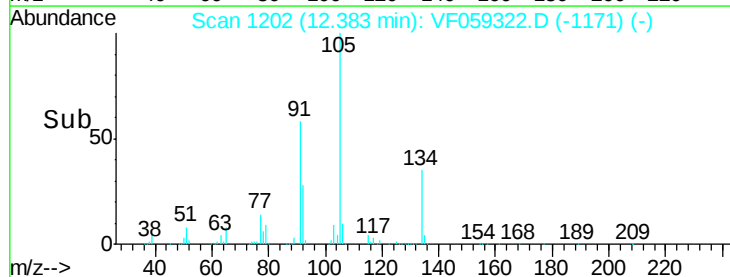
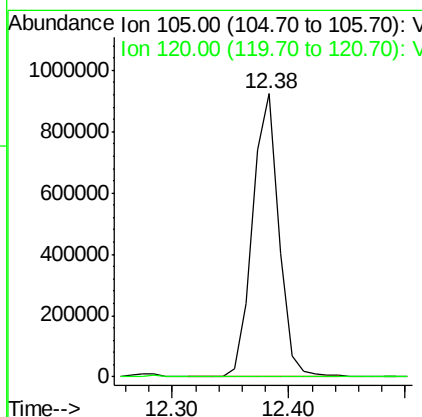
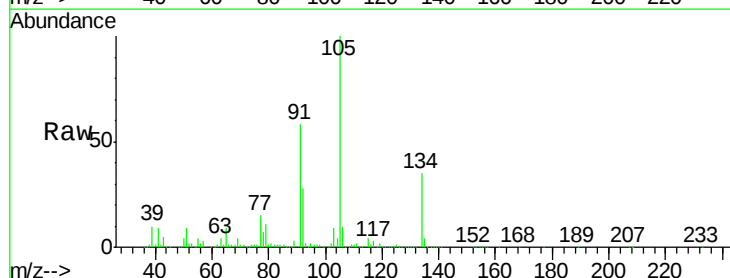
Instrument :
MSVOA_F
ClientSampleId :
WP021SB485-25-27-180619RE

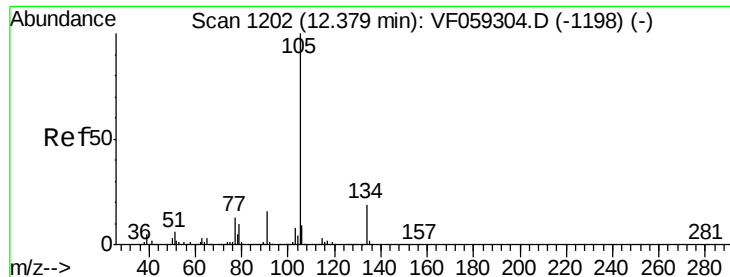
Tot Ion:119 Resp: 212114
Ion Ratio Lower Upper
119 100
91 73.6 28.4 85.2
134 25.0 11.7 35.1



#84
1,2,4-Trimethylbenzene
Concen: 173.143 ug/l
RT: 12.38 min Scan# 1202
Delta R.T. 0.10 min
Lab File: VF059322.D
Acq: 26 Jun 2018 17:41

Tgt Ion:105 Resp: 1437544
Ion Ratio Lower Upper
105 100
120 0.2 22.8 68.4#

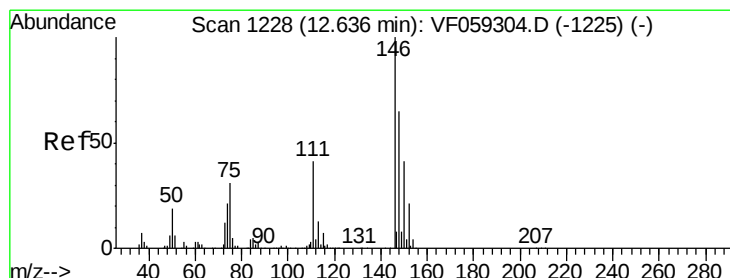
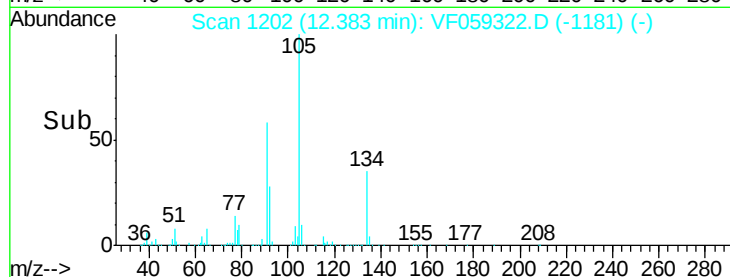
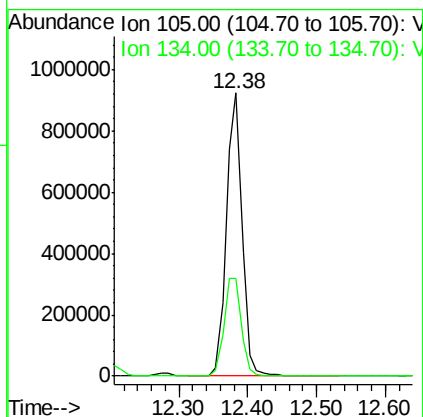
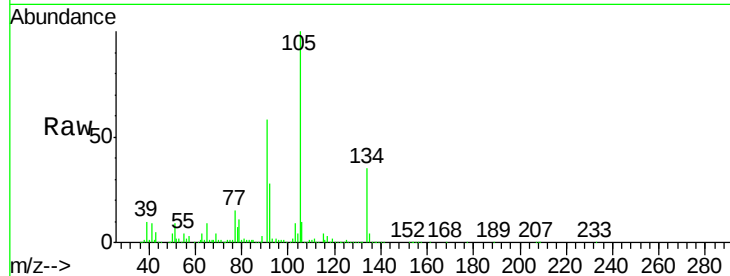




#85
 sec-Butylbenzene
 Concen: 138.037 ug/l
 RT: 12.38 min Scan# 1202
 Delta R.T. 0.00 min
 Lab File: VF059322.D
 Acq: 26 Jun 2018 17:41

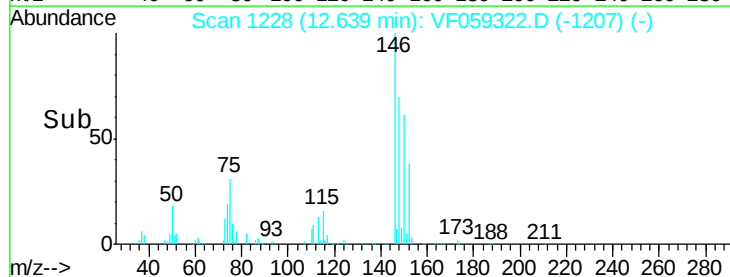
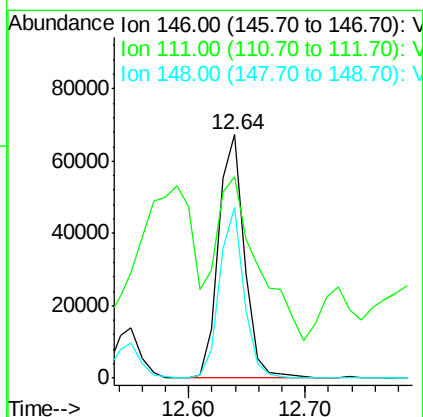
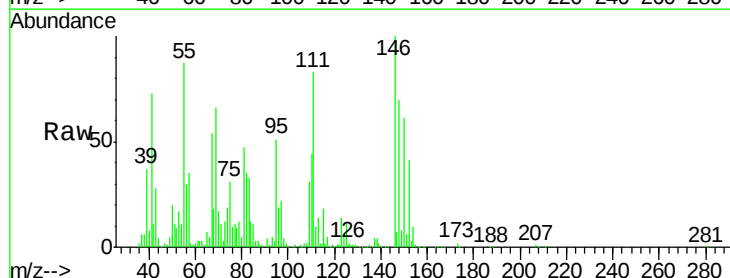
Instrument :
 MSVOA_F
 ClientSampleId :
 WP021SB485-25-27-180619RE

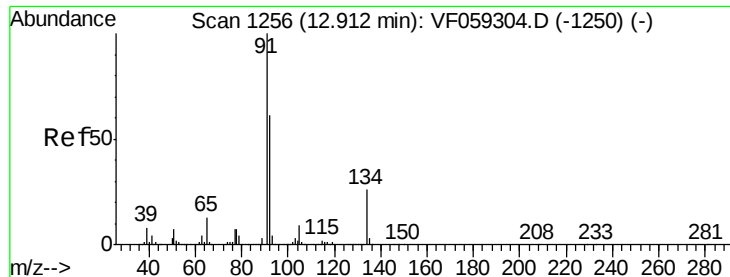
Tot Ion:105 Resp: 1442671
 Ion Ratio Lower Upper
 105 100
 134 34.5 9.4 28.3#



#88
 1,4-Dichlorobenzene
 Concen: 23.174 ug/l
 RT: 12.64 min Scan# 1228
 Delta R.T. 0.00 min
 Lab File: VF059322.D
 Acq: 26 Jun 2018 17:41

Tgt Ion:146 Resp: 103337
 Ion Ratio Lower Upper
 146 100
 111 82.7 20.7 62.1#
 148 70.2 32.8 98.3

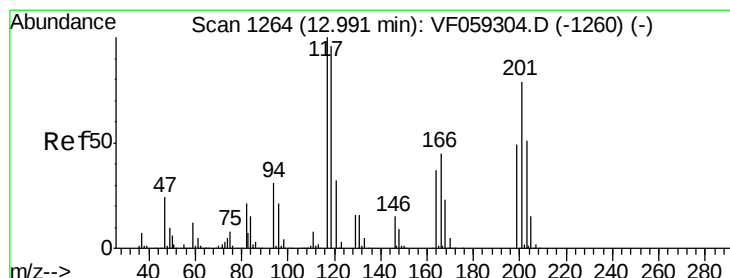
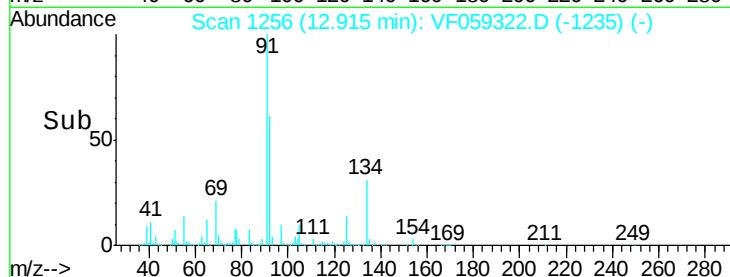
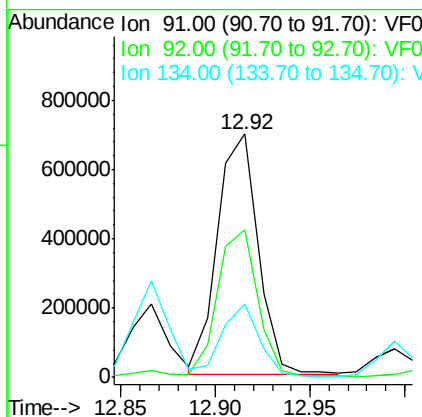
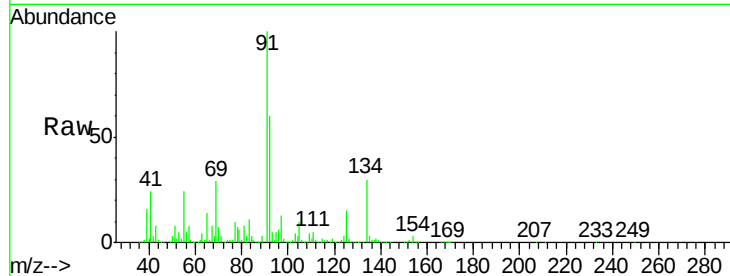




#89
n-Butylbenzene
Concen: 115.893 ug/l
RT: 12.92 min Scan# 1256
Delta R.T. 0.00 min
Lab File: VF059322.D
Acq: 26 Jun 2018 17:41

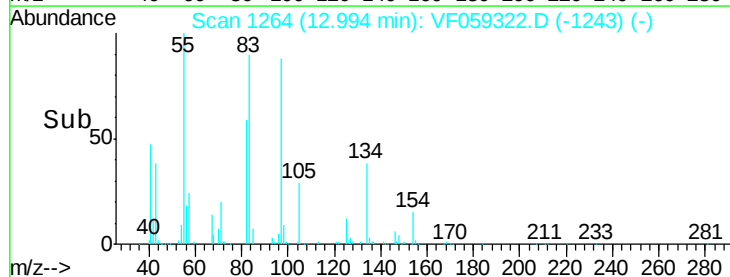
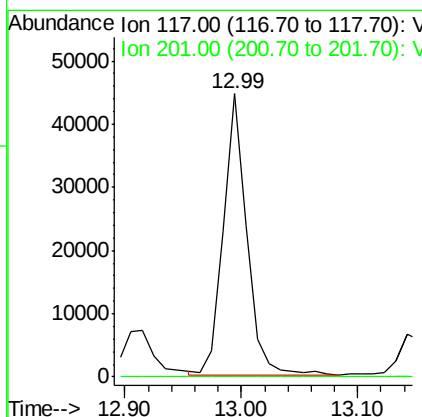
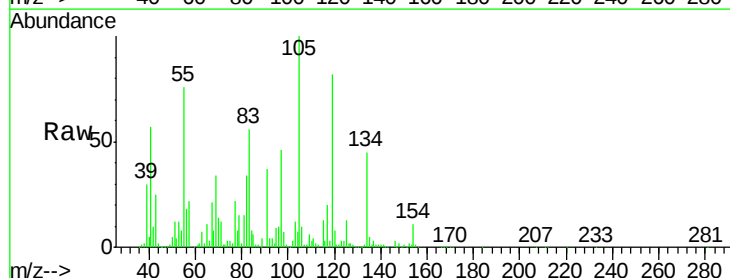
Instrument :
MSVOA_F
ClientSampleId :
WP021SB485-25-27-180619RE

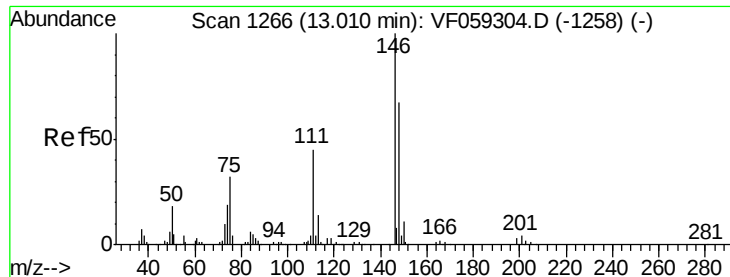
Tot Ion: 91 Resp: 1031897
Ion Ratio Lower Upper
91 100
92 60.4 30.3 91.0
134 30.3 12.9 38.7



#90
Hexachloroethane
Concen: 28.102 ug/l
RT: 12.99 min Scan# 1264
Delta R.T. 0.00 min
Lab File: VF059322.D
Acq: 26 Jun 2018 17:41

Tgt Ion: 117 Resp: 61432
Ion Ratio Lower Upper
117 100
201 0.0 39.5 118.5#

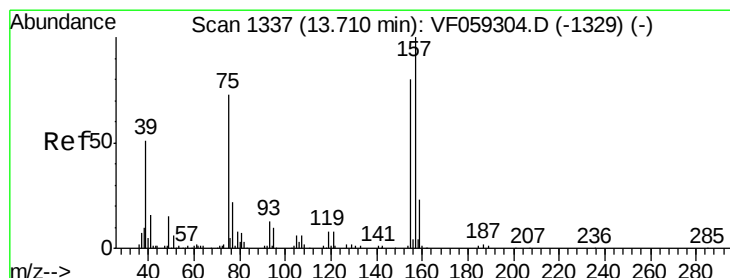
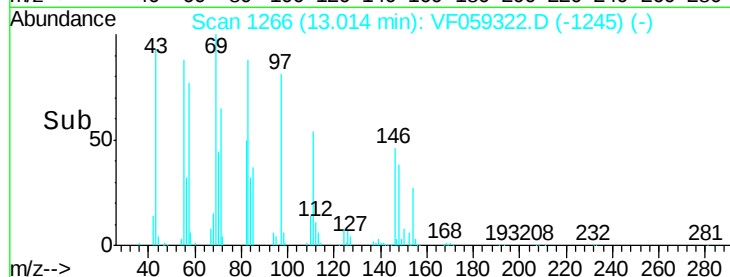
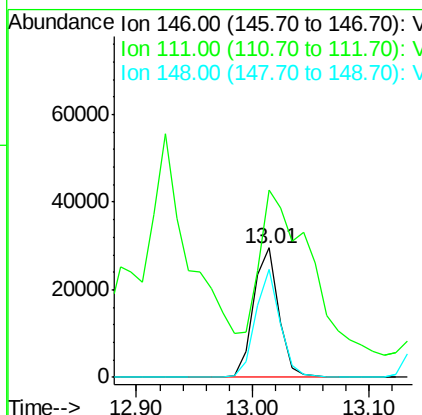
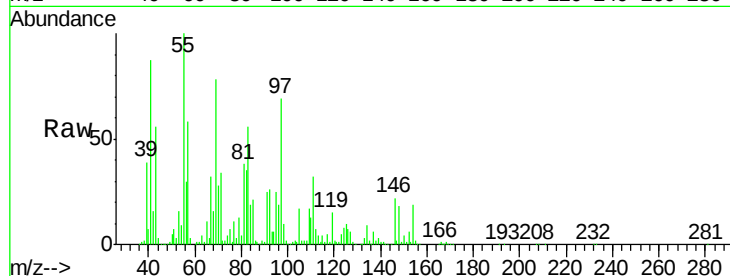




#91
 1,2-Dichlorobenzene
 Concen: 9.897 ug/l
 RT: 13.01 min Scan# 1266
 Delta R.T. 0.00 min
 Lab File: VF059322.D
 Acq: 26 Jun 2018 17:41

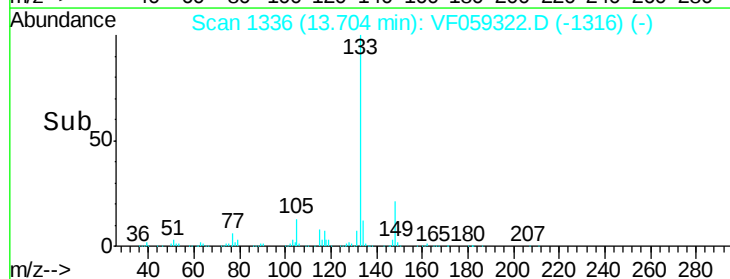
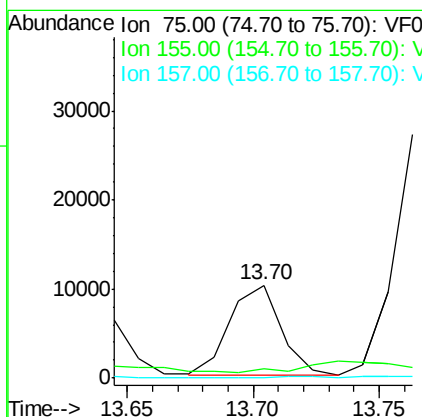
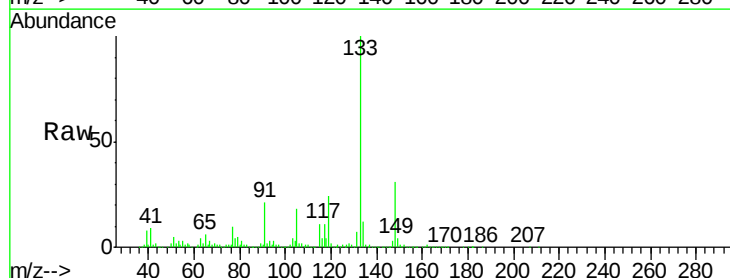
Instrument :
 MSVOA_F
 ClientSampleId :
 WP021SB485-25-27-180619RE

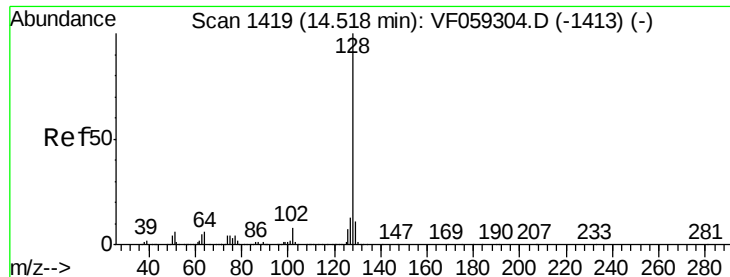
Tot Ion:146 Resp: 44864
 Ion Ratio Lower Upper
 146 100
 111 144.5 22.7 68.0#
 148 82.9 33.5 100.4



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 28.447 ug/l
 RT: 13.70 min Scan# 1336
 Delta R.T. -0.01 min
 Lab File: VF059322.D
 Acq: 26 Jun 2018 17:41

Tgt Ion: 75 Resp: 14333
 Ion Ratio Lower Upper
 75 100
 155 10.0 54.6 163.8#
 157 1.1 68.7 205.9#





#95
Naphthalene
Concen: 3.992 ug/l
RT: 14.51 min Scan# 1418
Delta R.T. -0.01 min
Lab File: VF059322.D
Acq: 26 Jun 2018 17:41

Instrument :
MSVOA_F
ClientSampleId :
WP021SB485-25-27-180619RE

Tot Ion:128 Resp: 27997
Ion Ratio Lower Upper
128 100
127 29.7 10.1 15.1#
129 65.1 8.8 13.2#

