

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_F\DATA\VF052019\
 Data File : VF062663.D
 Acq On : 20 May 2019 16:25
 Operator : FY/SY
 Sample : K2894-10
 Misc : 5.00g/5mL/MSVOA_F/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 SB-07-2.5-3.5

Quant Time: May 20 16:46:11 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F051619S.M
 Quant Title : SW846 8260
 QLast Update : Fri May 17 05:49:09 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.07	168	543107	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.79	114	597679	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.92	117	125231	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.62	152	15921	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	5.05	65	82551	21.51	ug/l	0.01
Spiked Amount			Recovery	=	43.02%	
35) Dibromofluoromethane	4.32	113	188097	41.13	ug/l	0.00
Spiked Amount			Recovery	=	82.26%	
50) Toluene-d8	7.73	98	282483	25.87	ug/l	0.01
Spiked Amount			Recovery	=	51.74%	
62) 4-Bromofluorobenzene	11.50	95	21166	5.11	ug/l	0.00
Spiked Amount			Recovery	=	10.22%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
8) Diethyl Ether	1.72	74	3973	2.384	ug/l	88
11) Tert butyl alcohol	2.71	59	1136	4.483	ug/l #	1
13) Acrolein	2.16	56	807	3.051	ug/l #	1
15) Acrylonitrile	3.12	53	767	1.073	ug/l #	54
16) Acetone	2.36	43	14037	14.098	ug/l #	85
17) Carbon Disulfide	1.85	76	41731	2.886	ug/l	98
18) Methyl Acetate	2.51	43	12375	7.909	ug/l #	71
20) Methylene Chloride	2.35	84	38411	7.696	ug/l	84
49) 1,4-Dioxane	6.88	88	920	42.421	ug/l #	37
59) 2-Hexanone	9.65	43	4152	Below Cal		63
73) Isopropylbenzene	11.22	105	2275	1.994	ug/l	85
74) N-amyl acetate	11.47	43	1930	1.402	ug/l #	74
76) 1,2,3-Trichloropropane	11.78	75	810	5.286	ug/l	70
77) Bromobenzene	11.58	156	591	2.084	ug/l #	29
78) n-propylbenzene	11.67	91	2820	2.088	ug/l #	74
79) 2-Chlorotoluene	11.81	91	1119	1.470	ug/l	75
80) 1,3,5-Trimethylbenzene	11.91	105	2277	2.489	ug/l	81
81) trans-1,4-Dichloro-2-buten	11.98	75	256	3.759	ug/l #	34
82) 4-Chlorotoluene	12.00	91	1948	2.596	ug/l #	37
83) tert-Butylbenzene	12.20	119	1288	1.388	ug/l #	65
84) 1,2,4-Trimethylbenzene	12.27	105	2506	2.830	ug/l	75
85) sec-Butylbenzene	12.27	105	2506	2.012	ug/l	87
86) p-Isopropyltoluene	12.52	119	2815	2.681	ug/l #	81
87) 1,3-Dichlorobenzene	12.54	146	801	1.561	ug/l #	57
88) 1,4-Dichlorobenzene	12.63	146	931	1.933	ug/l #	80
89) n-Butylbenzene	12.90	91	2516	2.431	ug/l #	66
90) Hexachloroethane	12.96	117	439	1.743	ug/l #	20
91) 1,2-Dichlorobenzene	13.00	146	902	1.972	ug/l #	49
92) 1,2-Dibromo-3-Chloropropan	13.69	75	182	6.542	ug/l #	1
93) 1,2,4-Trichlorobenzene	14.26	180	673	2.055	ug/l	78
95) Naphthalene	14.50	128	3967	6.669	ug/l #	80
96) 1,2,3-Trichlorobenzene	14.65	180	1102	3.553	ug/l #	56

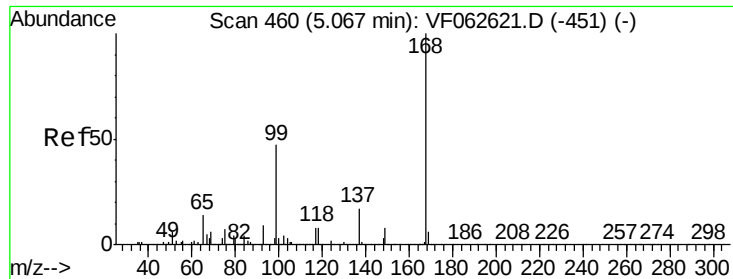
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_F\DATA\VF052019\
Data File : VF062663.D
Acq On : 20 May 2019 16:25
Operator : FY/SY
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SB-07-2.5-3.5

Quant Time: May 20 16:46:11 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_F\METHODS\82F051619S.M
Quant Title : SW846 8260
QLast Update : Fri May 17 05:49:09 2019
Response via : Initial Calibration

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

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.07 min Scan# 460

Delta R.T. 0.00 min

Lab File: VF062663.D

Acq: 20 May 2019 16:25

Instrument :

MSVOA_F

ClientSampleId :

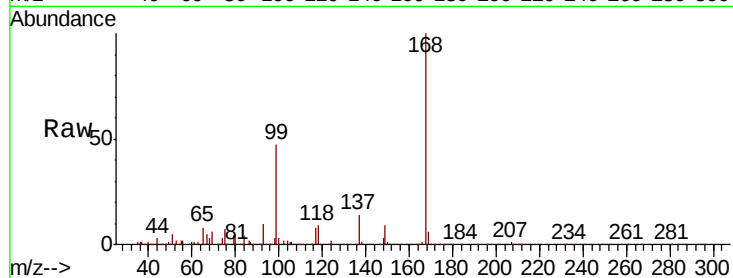
SB-07-2.5-3.5

Tgt Ion:168 Resp: 543107

Ion Ratio Lower Upper

168 100

99 46.5 37.8 56.8



Abundance Ion 168.00 (167.70 to 168.70): VF0

Ion 99.00 (98.70 to 99.70): VF0

5.07

200000

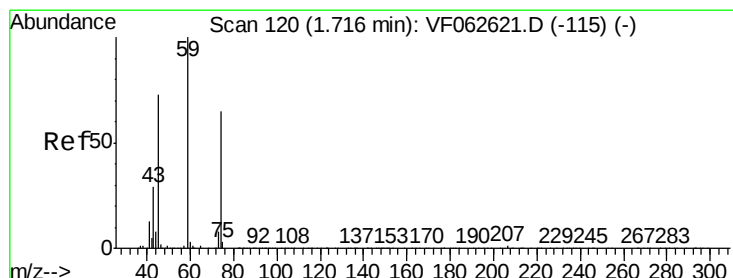
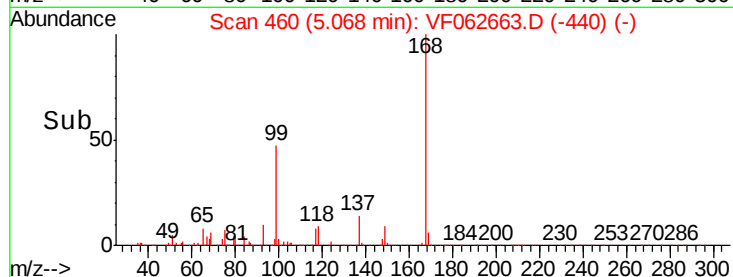
150000

100000

50000

0

Time-->



#8

Diethyl Ether

Concen: 2.384 ug/l

RT: 1.72 min Scan# 120

Delta R.T. 0.00 min

Lab File: VF062663.D

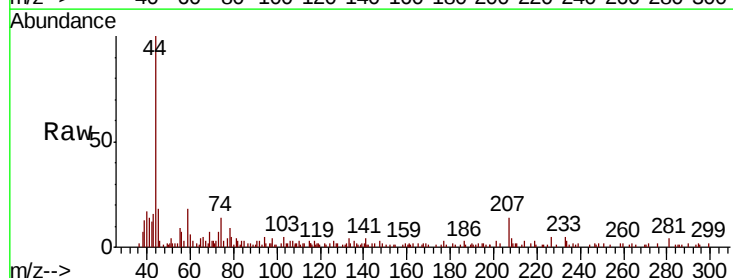
Acq: 20 May 2019 16:25

Tgt Ion: 74 Resp: 3973

Ion Ratio Lower Upper

74 100

45 126.9 57.0 170.8



Abundance Ion 74.00 (73.70 to 74.70): VF0

Ion 45.00 (44.70 to 45.70): VF0

1.72

2000

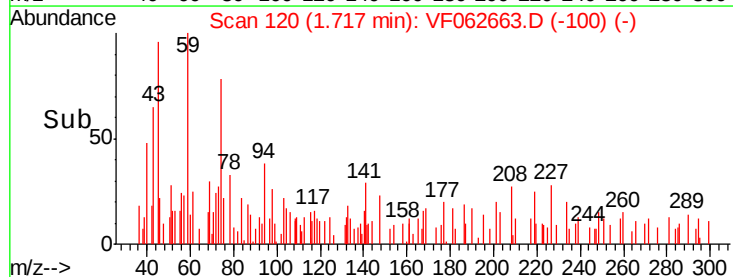
1500

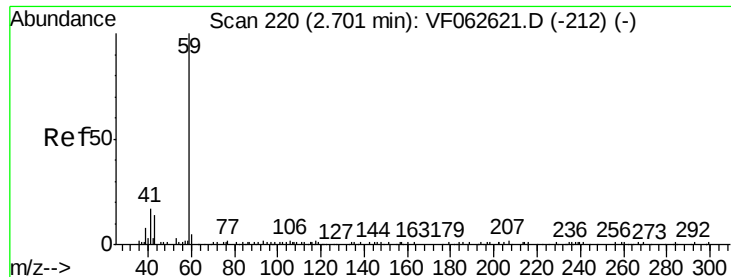
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500

0

Time-->

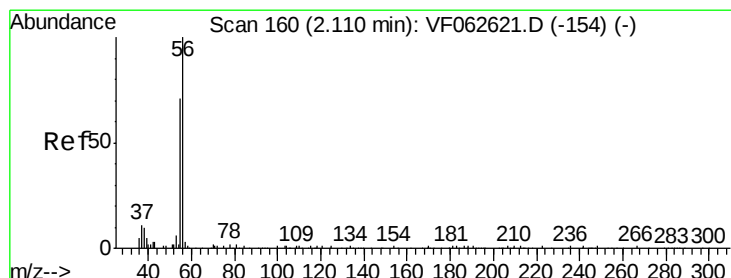
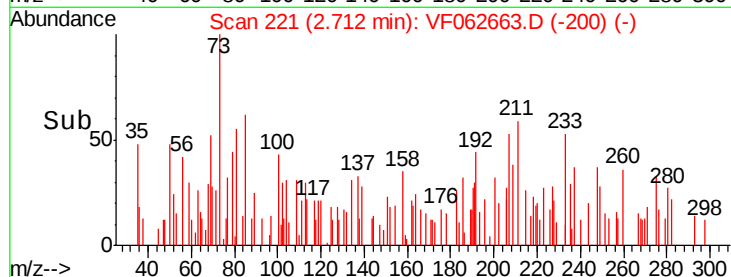
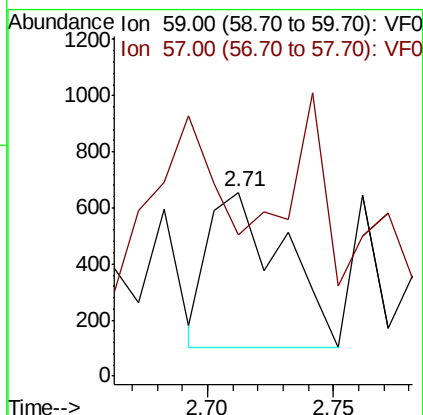
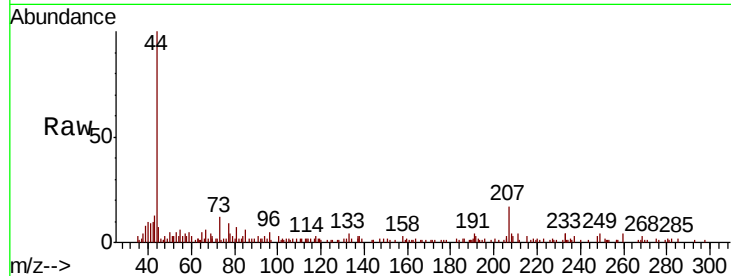




#11
Tert butyl alcohol
Concen: 4.483 ug/l
RT: 2.71 min Scan# 221
Delta R.T. 0.01 min
Lab File: VF062663.D
Acq: 20 May 2019 16:25

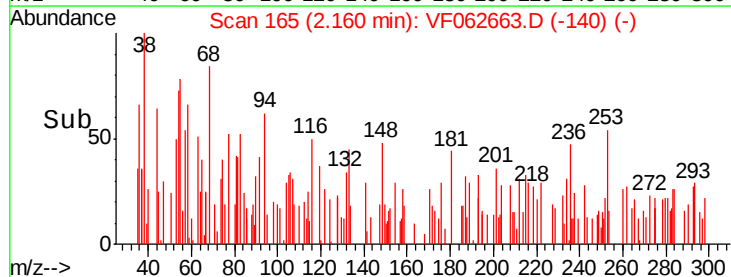
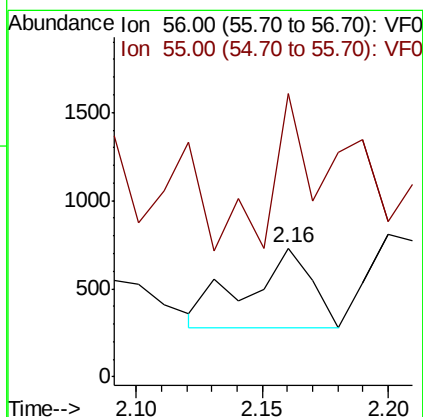
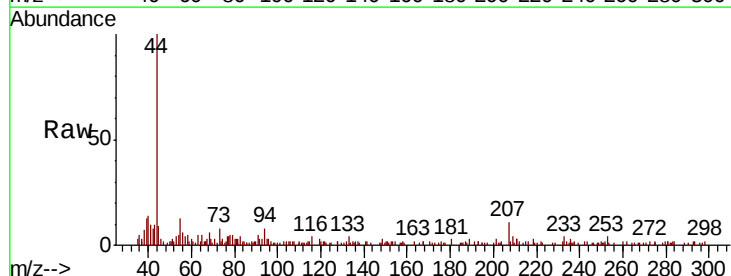
Instrument :
MSVOA_F
ClientSampleId :
SB-07-2.5-3.5

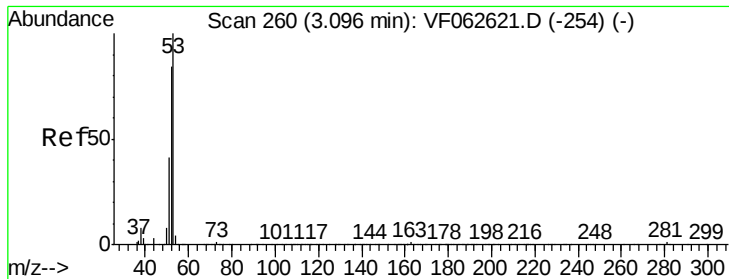
Tgt Ion: 59 Resp: 1136
Ion Ratio Lower Upper
59 100
57 77.1 9.3 13.9#



#13
Acrolein
Concen: 3.051 ug/l
RT: 2.16 min Scan# 165
Delta R.T. 0.05 min
Lab File: VF062663.D
Acq: 20 May 2019 16:25

Tgt Ion: 56 Resp: 807
Ion Ratio Lower Upper
56 100
55 219.9 59.4 89.0#





#15

Acrylonitrile

Concen: 1.073 ug/l

RT: 3.12 min Scan# 262

Delta R.T. 0.02 min

Lab File: VF062663.D

Acq: 20 May 2019 16:25

Instrument :

MSVOA_F

ClientSampleId :

SB-07-2.5-3.5

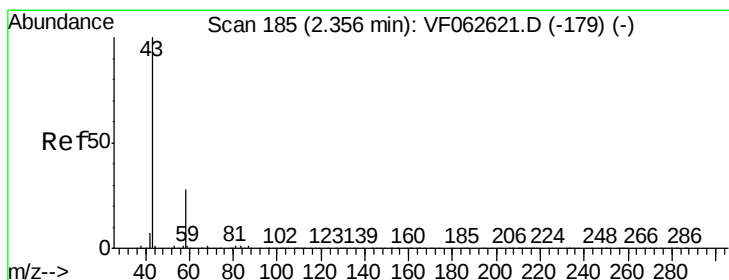
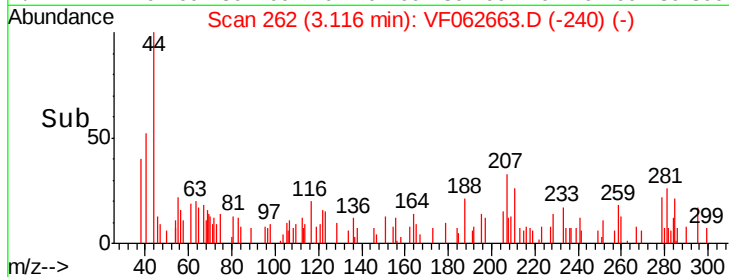
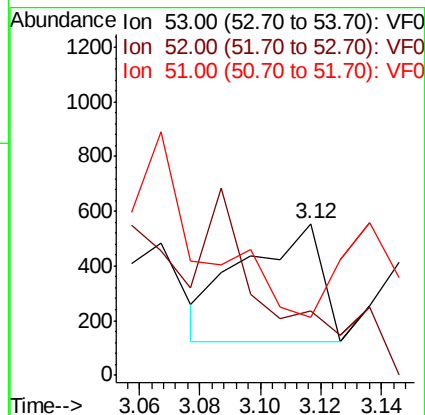
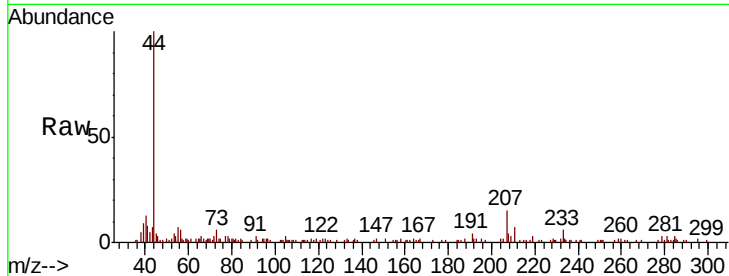
Tgt Ion: 53 Resp: 767

Ion Ratio Lower Upper

53 100

52 31.3 67.3 100.9#

51 28.5 33.0 49.6#



#16

Acetone

Concen: 14.098 ug/l

RT: 2.36 min Scan# 185

Delta R.T. 0.00 min

Lab File: VF062663.D

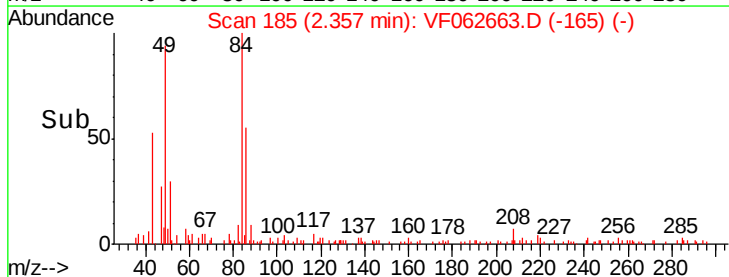
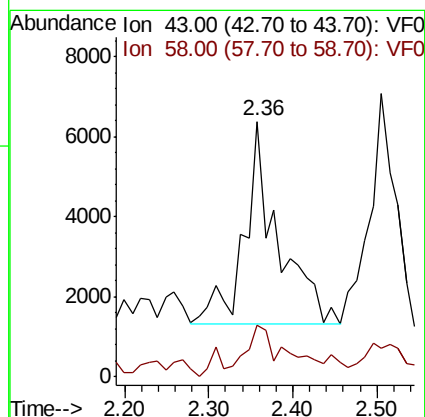
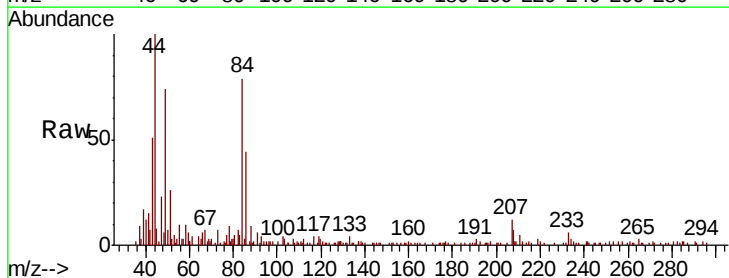
Acq: 20 May 2019 16:25

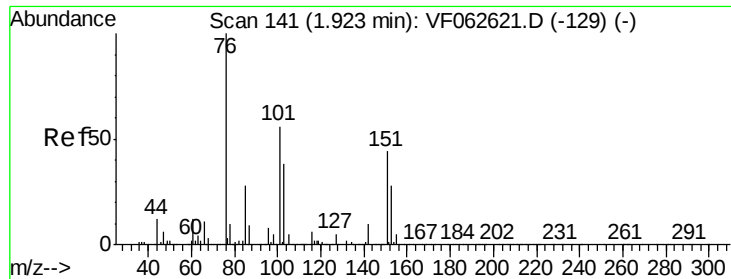
Tgt Ion: 43 Resp: 14037

Ion Ratio Lower Upper

43 100

58 20.3 22.6 33.8#

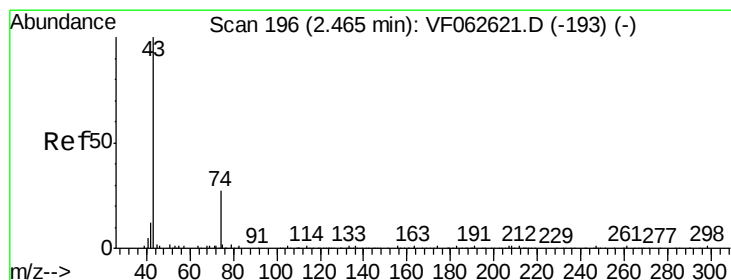
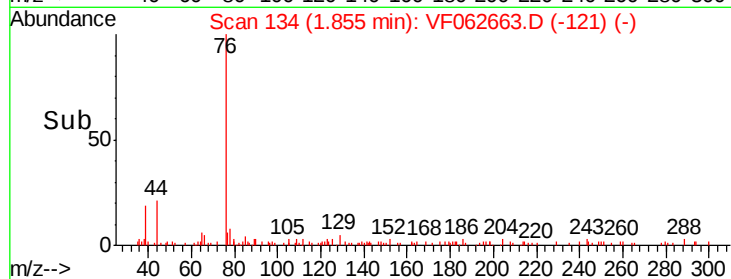
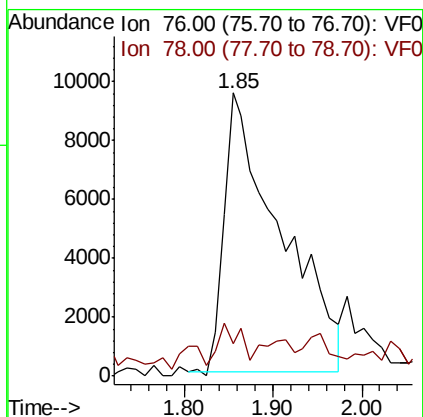
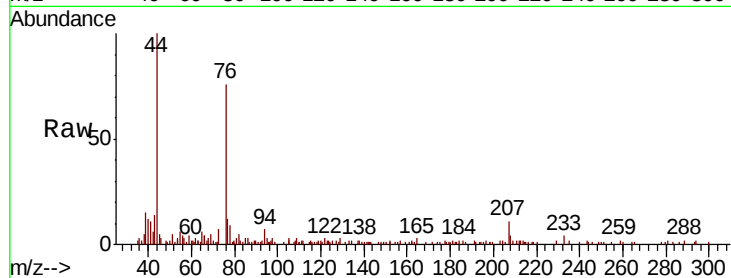




#17
Carbon Disulfide
Concen: 2.886 ug/l
RT: 1.85 min Scan# 134
Delta R.T. -0.07 min
Lab File: VF062663.D
Acq: 20 May 2019 16:25

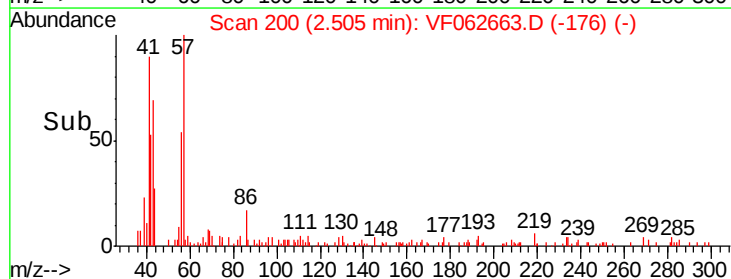
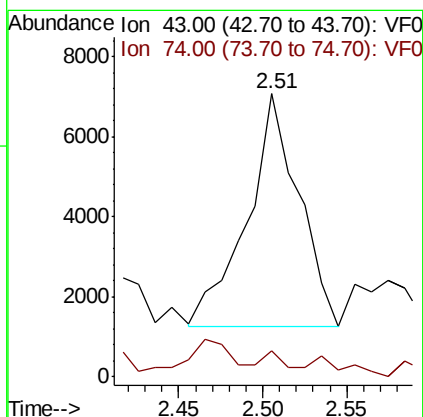
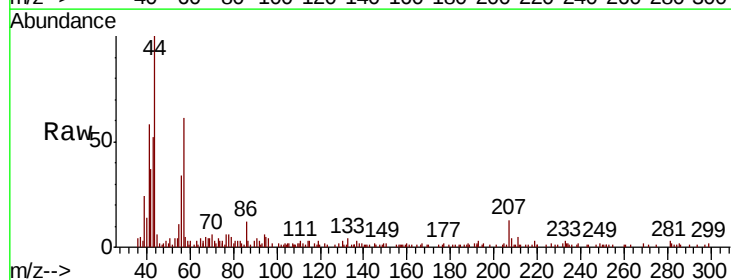
Instrument :
MSVOA_F
ClientSampleId :
SB-07-2.5-3.5

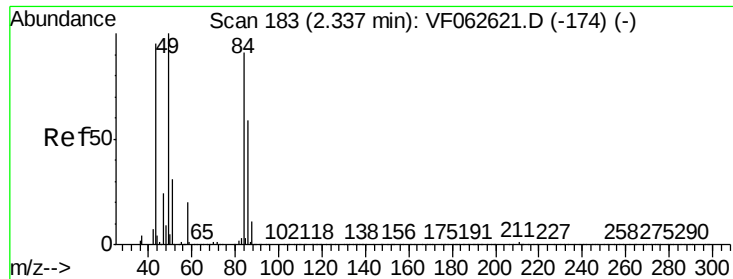
Tgt Ion: 76 Resp: 41731
Ion Ratio Lower Upper
76 100
78 11.4 8.4 12.6



#18
Methyl Acetate
Concen: 7.909 ug/l
RT: 2.51 min Scan# 200
Delta R.T. 0.04 min
Lab File: VF062663.D
Acq: 20 May 2019 16:25

Tgt Ion: 43 Resp: 12375
Ion Ratio Lower Upper
43 100
74 9.2 18.9 28.3#

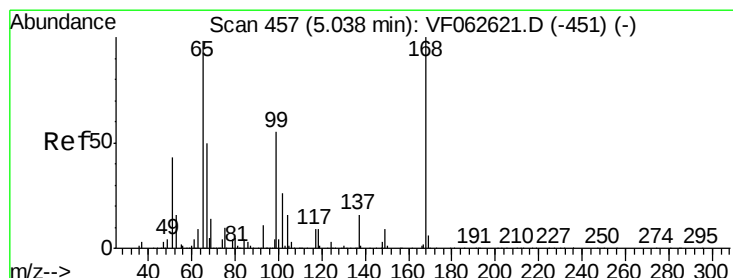
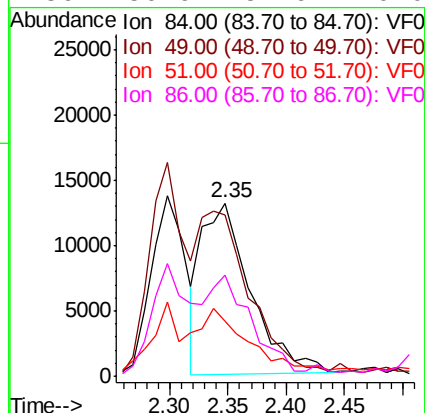
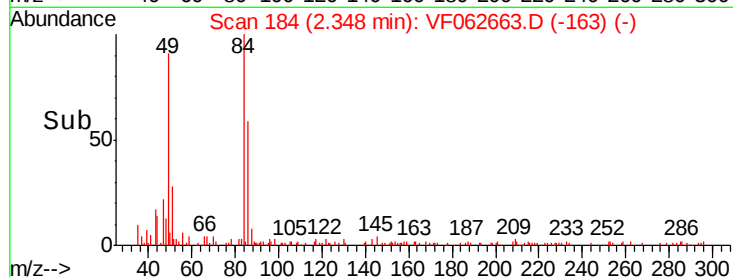
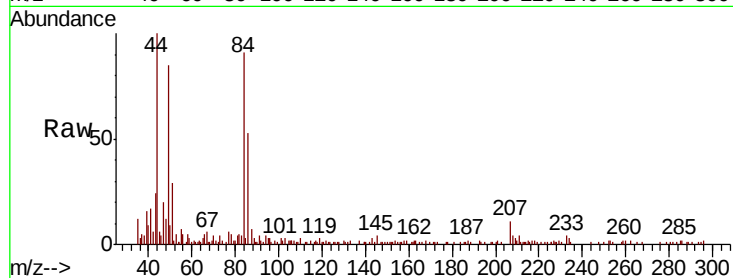




#20
Methylene Chloride
Concen: 7.696 ug/l
RT: 2.35 min Scan# 184
Delta R.T. 0.01 min
Lab File: VF062663.D
Acq: 20 May 2019 16:25

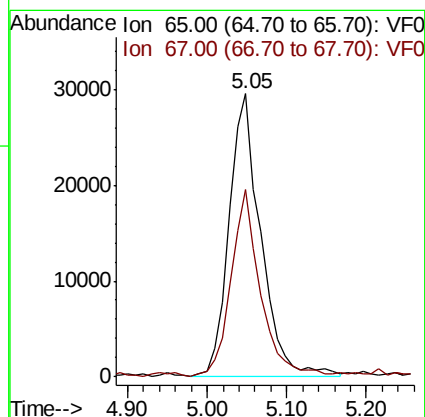
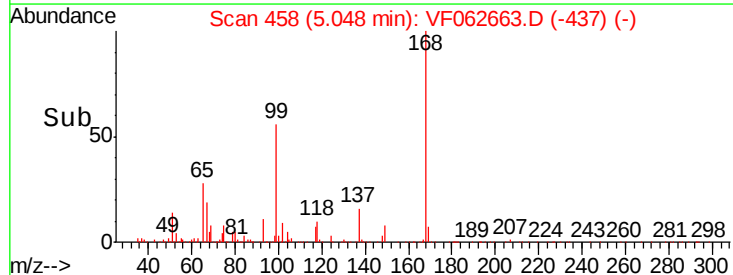
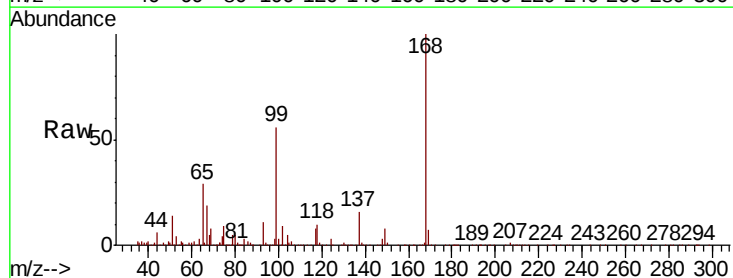
Instrument :
MSVOA_F
ClientSampleId :
SB-07-2.5-3.5

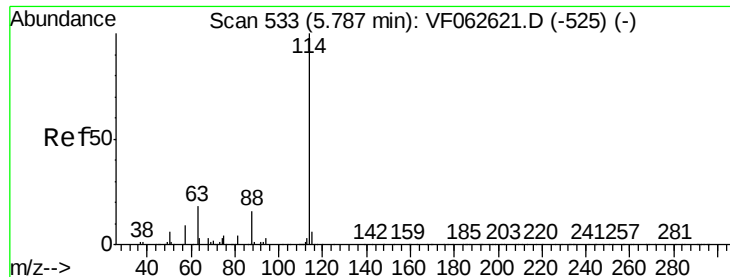
Tgt Ion:	84	Resp:	38411
Ion	Ratio	Lower	Upper
84	100		
49	90.1	89.8	134.8
51	30.6	28.4	42.6
86	56.6	52.6	79.0



#33
1,2-Dichloroethane-d4
Concen: 21.510 ug/l
RT: 5.05 min Scan# 458
Delta R.T. 0.01 min
Lab File: VF062663.D
Acq: 20 May 2019 16:25

Tgt Ion:	65	Resp:	82551
Ion	Ratio	Lower	Upper
65	100		
67	66.2	0.0	117.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.79 min Scan# 533

Delta R.T. 0.00 min

Lab File: VF062663.D

Acq: 20 May 2019 16:25

Instrument :

MSVOA_F

ClientSampleId :

SB-07-2.5-3.5

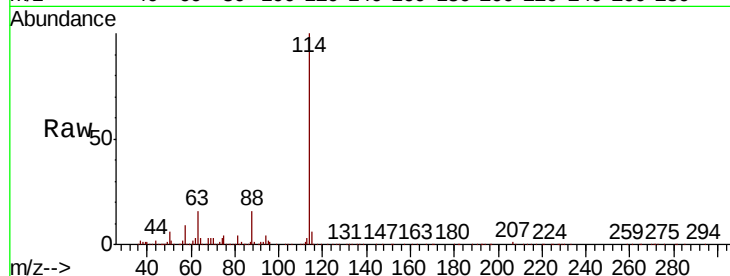
Tgt Ion:114 Resp: 597679

Ion Ratio Lower Upper

114 100

63 16.2 0.0 35.4

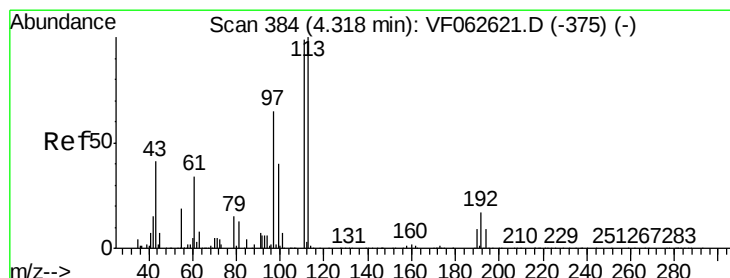
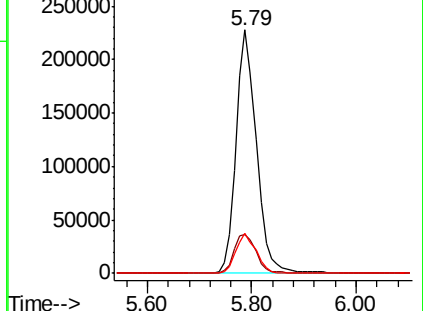
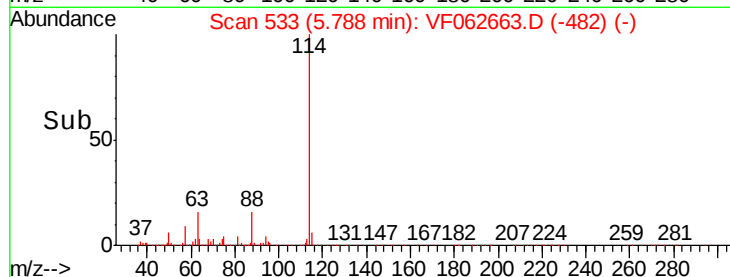
88 16.5 0.0 32.4



Abundance Ion 114.00 (113.70 to 114.70): V

Ion 63.00 (62.70 to 63.70): VF0

Ion 88.00 (87.70 to 88.70): VF0



#35

Dibromofluoromethane

Concen: 41.128 ug/l

RT: 4.32 min Scan# 384

Delta R.T. 0.00 min

Lab File: VF062663.D

Acq: 20 May 2019 16:25

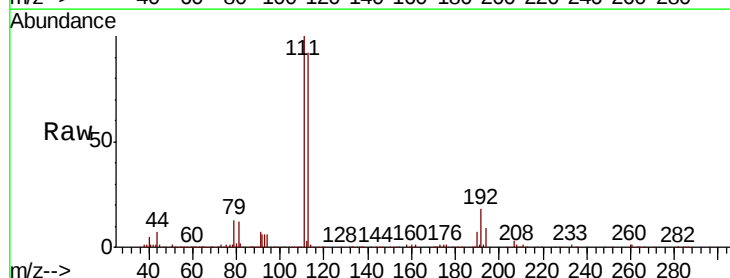
Tgt Ion:113 Resp: 188097

Ion Ratio Lower Upper

113 100

111 108.6 79.4 119.2

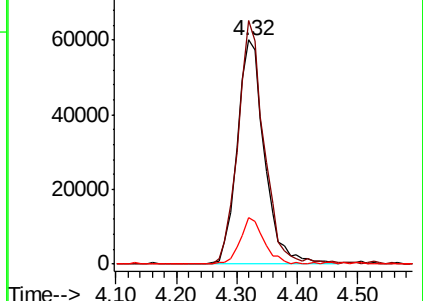
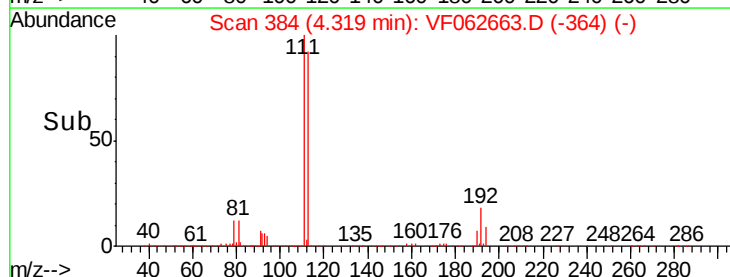
192 20.6 13.4 20.2#

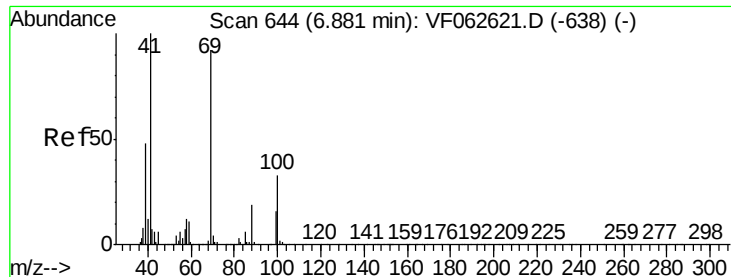


Abundance Ion 113.00 (112.70 to 113.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 192.00 (191.70 to 192.70): V

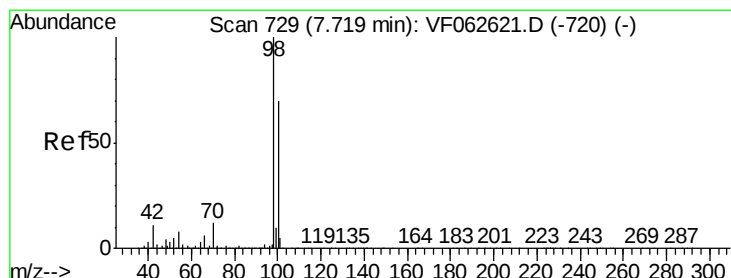
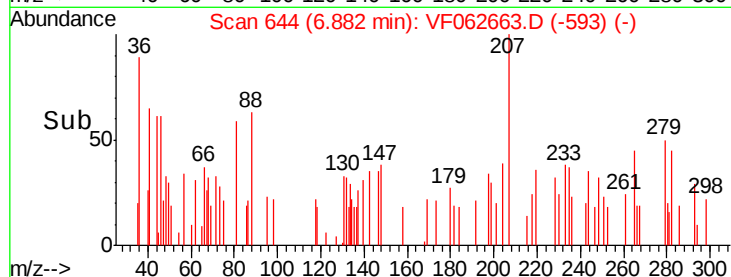
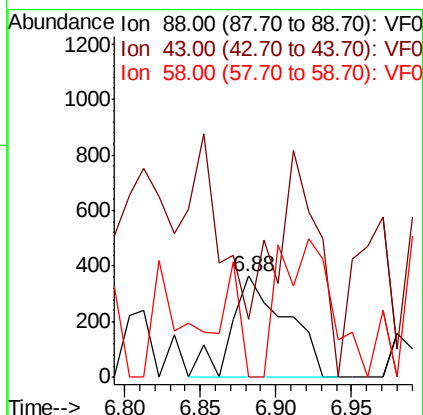
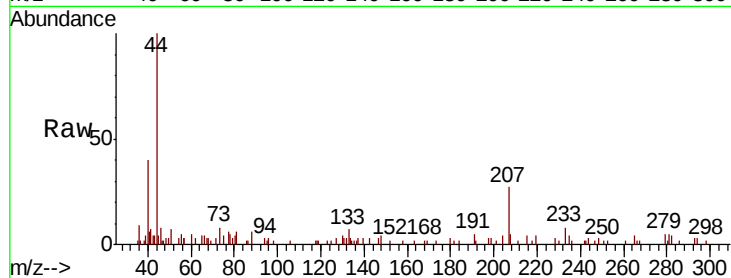




#49
1,4-Dioxane
Concen: 42.421 ug/l
RT: 6.88 min Scan# 644
Delta R.T. 0.00 min
Lab File: VF062663.D
Acq: 20 May 2019 16:25

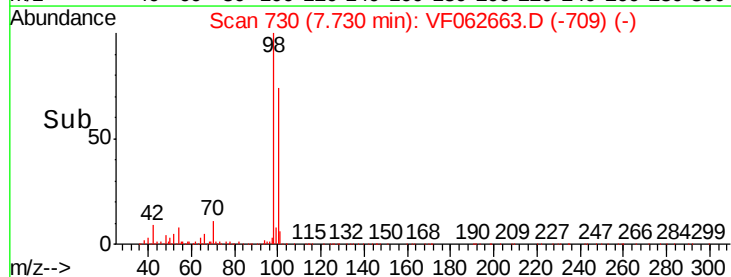
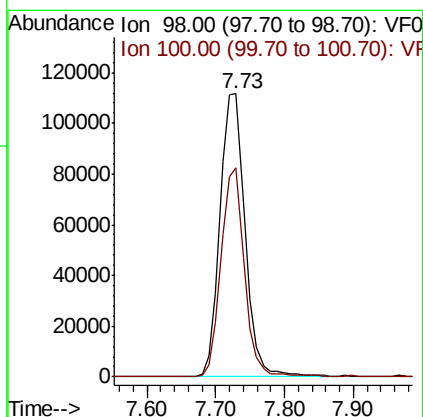
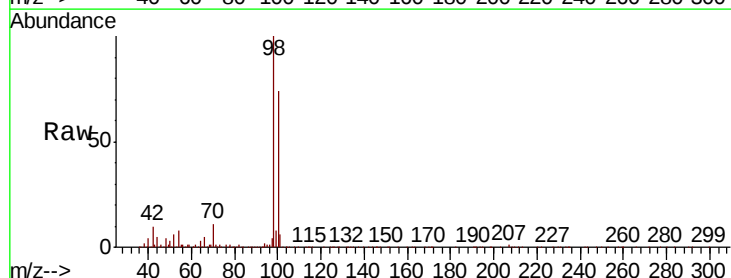
Instrument :
MSVOA_F
ClientSampleId :
SB-07-2.5-3.5

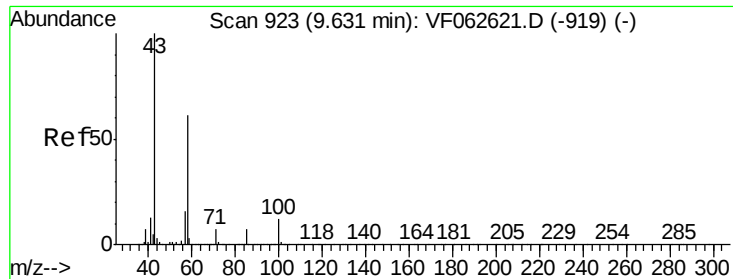
Tgt Ion: 88 Resp: 920
Ion Ratio Lower Upper
88 100
43 56.7 30.0 45.0#
58 0.0 51.1 76.7#



#50
Toluene-d8
Concen: 25.869 ug/l
RT: 7.73 min Scan# 730
Delta R.T. 0.01 min
Lab File: VF062663.D
Acq: 20 May 2019 16:25

Tgt Ion: 98 Resp: 282483
Ion Ratio Lower Upper
98 100
100 73.9 56.2 84.2

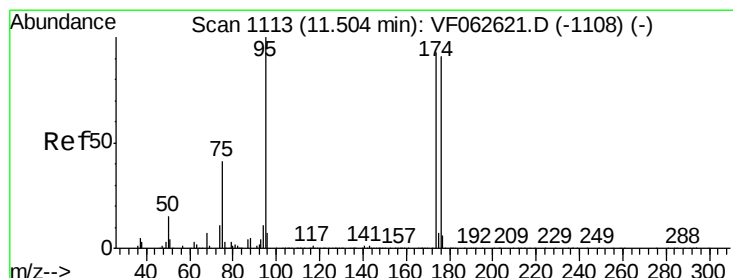
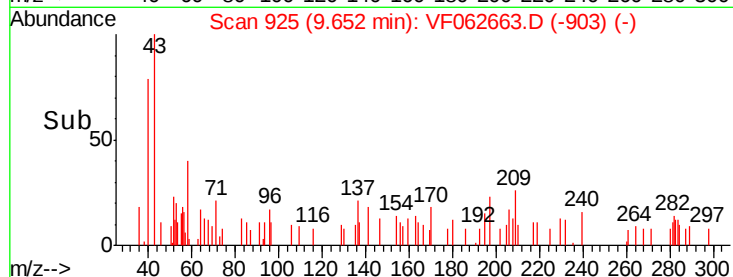
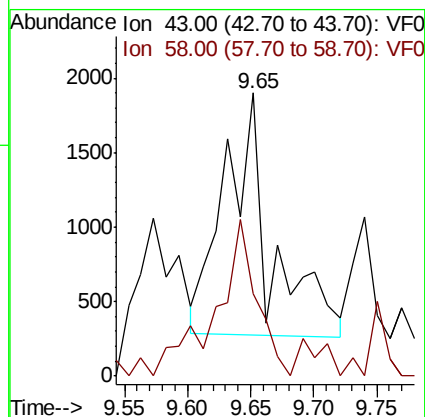
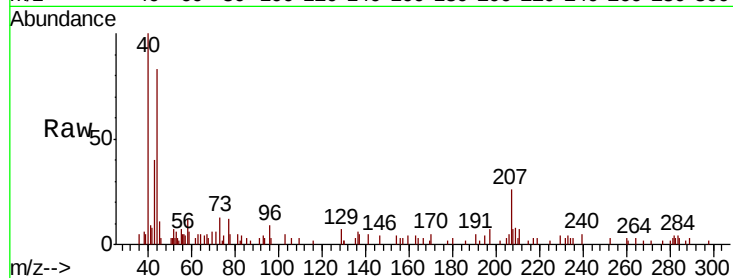




#59
2-Hexanone
Concen: Below Cal
RT: 9.65 min Scan# 925
Delta R.T. 0.02 min
Lab File: VF062663.D
Acq: 20 May 2019 16:25

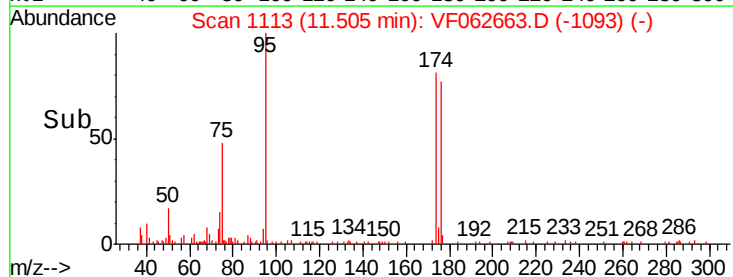
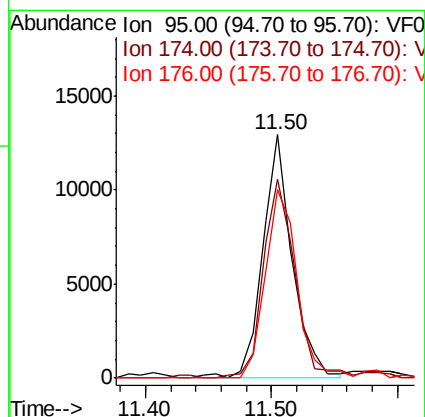
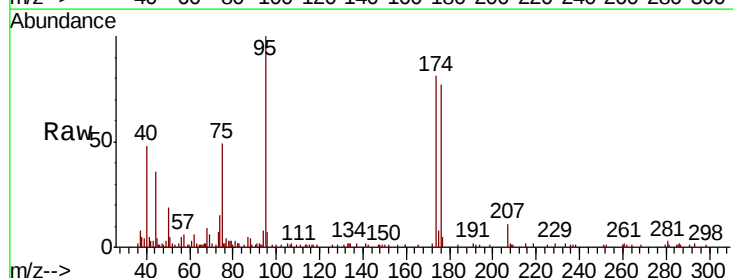
Instrument :
MSVOA_F
ClientSampleId :
SB-07-2.5-3.5

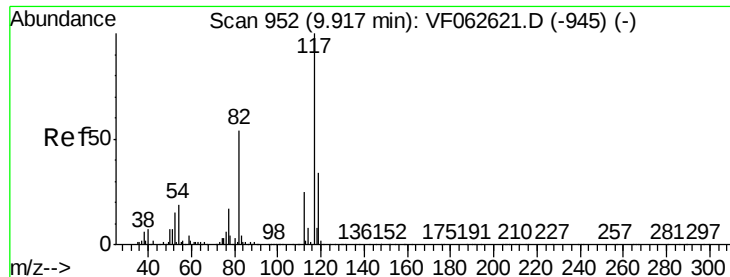
Tgt Ion: 43 Resp: 4152
Ion Ratio Lower Upper
43 100
58 29.2 28.1 84.4



#62
4-Bromofluorobenzene
Concen: 5.111 ug/l
RT: 11.50 min Scan# 1113
Delta R.T. 0.00 min
Lab File: VF062663.D
Acq: 20 May 2019 16:25

Tgt Ion: 95 Resp: 21166
Ion Ratio Lower Upper
95 100
174 81.5 0.0 185.6
176 77.2 0.0 182.4

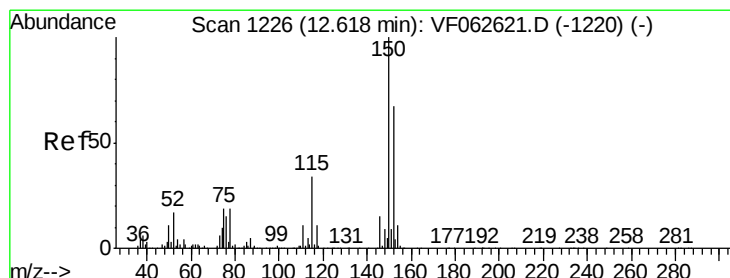
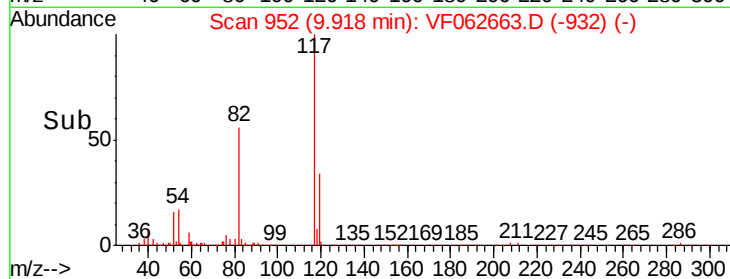
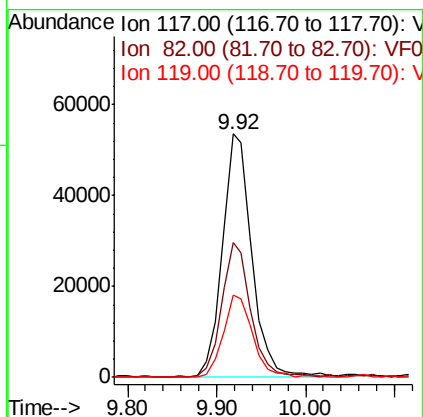
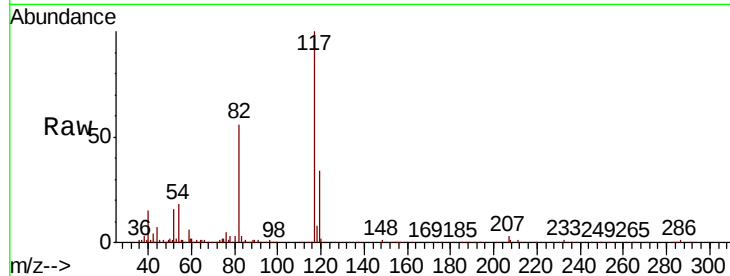




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.92 min Scan# 952
Delta R.T. 0.00 min
Lab File: VF062663.D
Acq: 20 May 2019 16:25

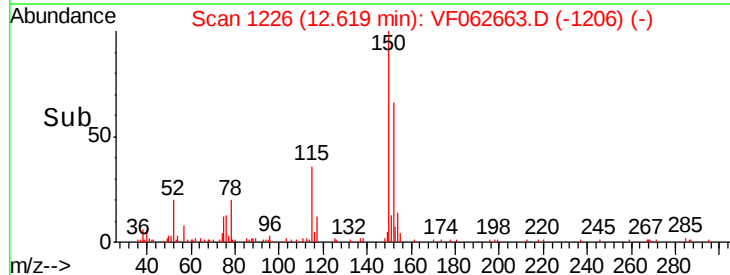
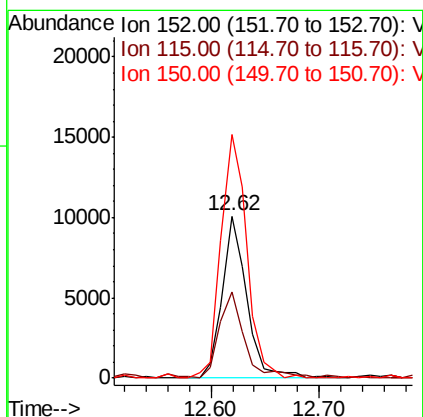
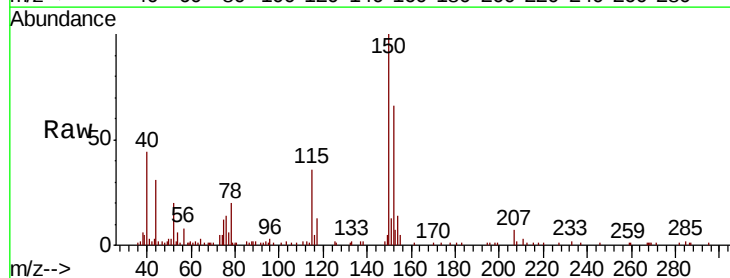
Instrument :
MSVOA_F
ClientSampleId :
SB-07-2.5-3.5

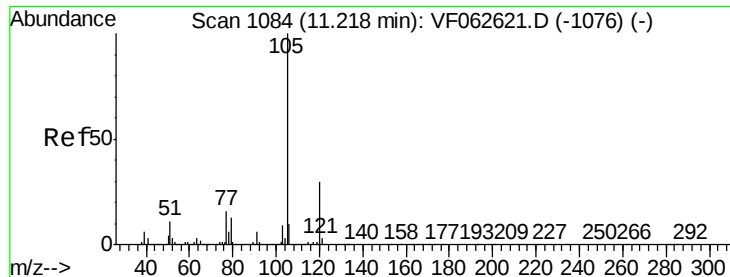
Tgt Ion	Ratio	Lower	Upper
117	100		
82	55.5	43.3	64.9
119	33.7	27.4	41.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.62 min Scan# 1226
Delta R.T. 0.00 min
Lab File: VF062663.D
Acq: 20 May 2019 16:25

Tgt Ion	Ratio	Lower	Upper
152	100		
115	53.6	25.2	75.6
150	150.5	0.0	306.2





#73

Isopropylbenzene

Concen: 1.994 ug/l

RT: 11.22 min Scan# 1084

Delta R.T. 0.00 min

Lab File: VF062663.D

Acq: 20 May 2019 16:25

Instrument :

MSVOA_F

ClientSampleId :

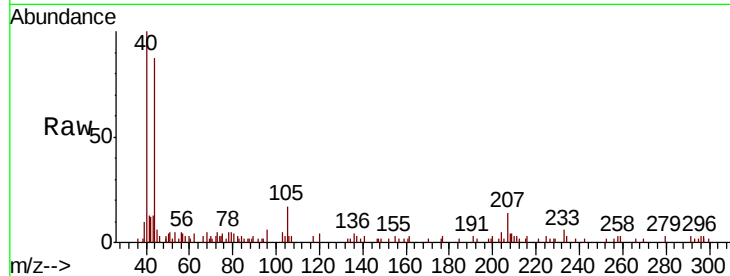
SB-07-2.5-3.5

Tgt Ion:105 Resp: 2275

Ion Ratio Lower Upper

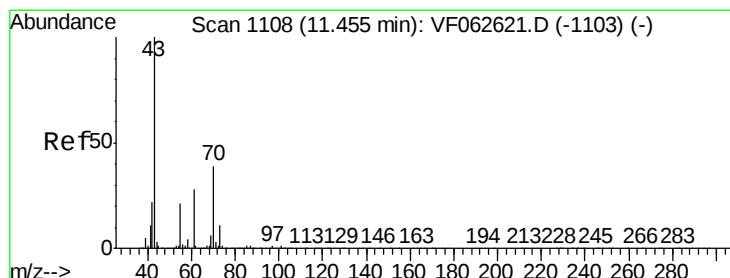
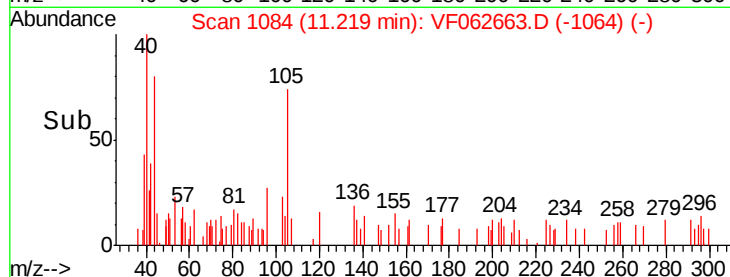
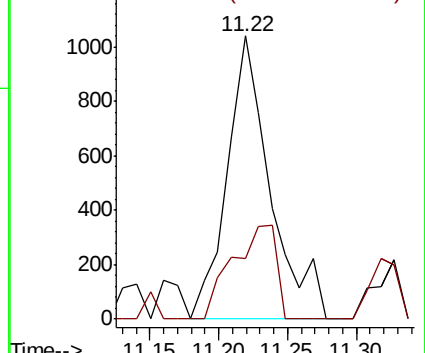
105 100

120 21.3 14.8 44.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 1.402 ug/l

RT: 11.47 min Scan# 1109

Delta R.T. 0.01 min

Lab File: VF062663.D

Acq: 20 May 2019 16:25

Tgt Ion: 43 Resp: 1930

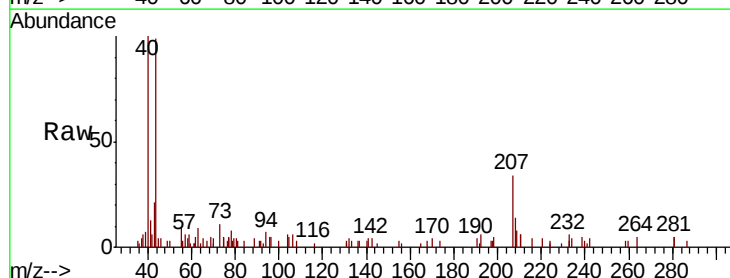
Ion Ratio Lower Upper

43 100

70 31.3 30.9 46.3

55 54.7 17.0 25.4#

61 22.4 22.6 34.0#

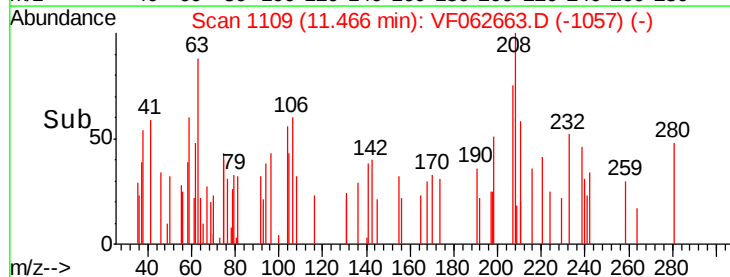
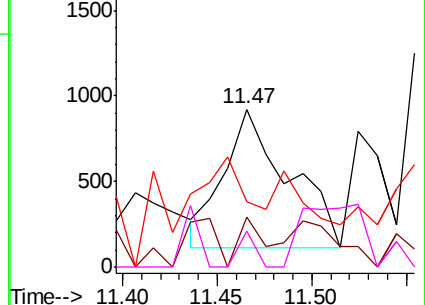


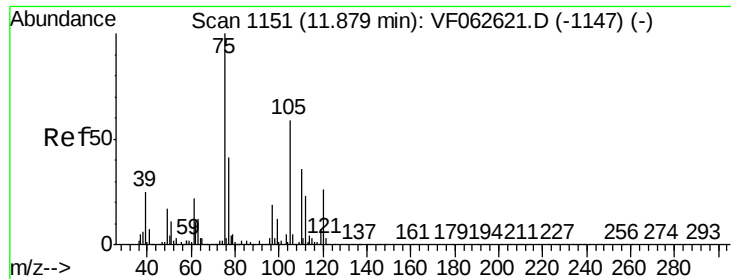
Abundance Ion 43.00 (42.70 to 43.70): VF0

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

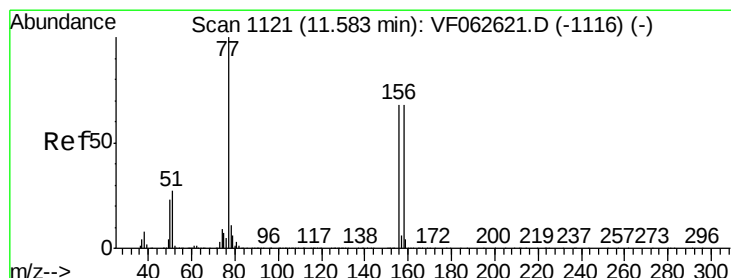
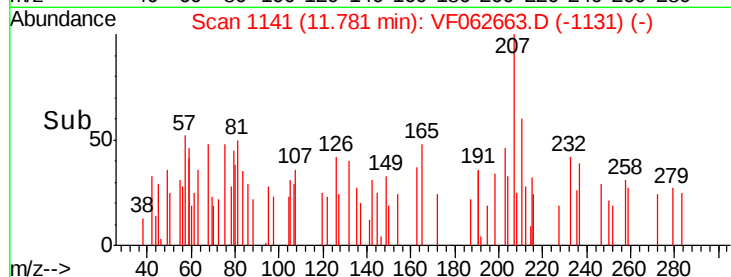
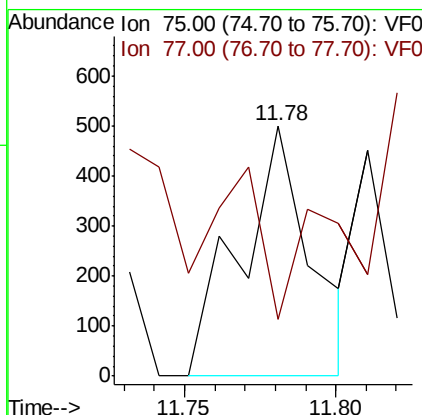
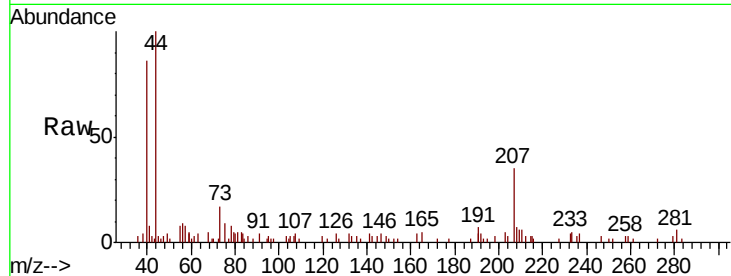




#76
 1,2,3-Trichloropropane
 Concen: 5.286 ug/l
 RT: 11.78 min Scan# 1141
 Delta R.T. -0.10 min
 Lab File: VF062663.D
 Acq: 20 May 2019 16:25

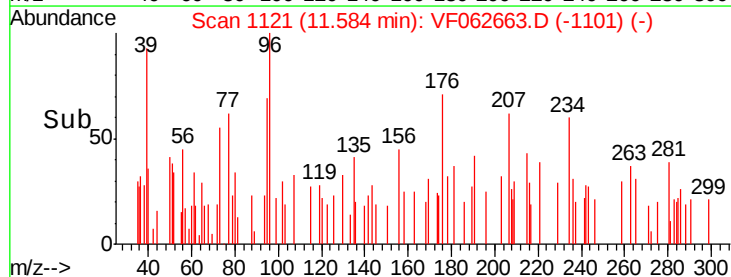
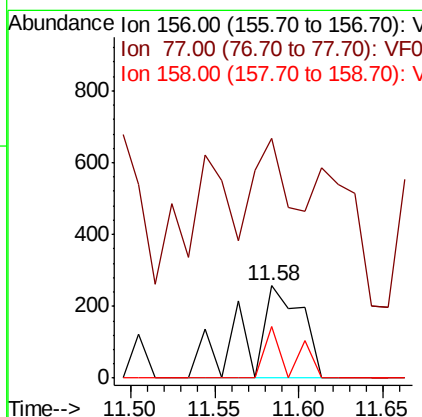
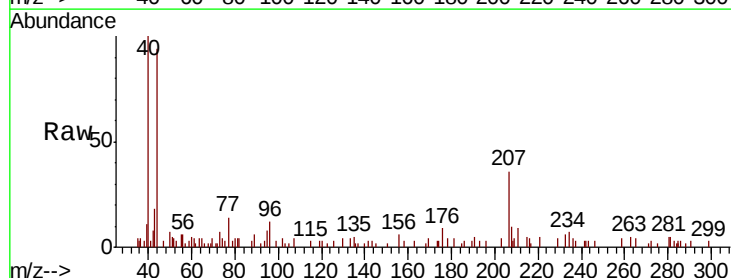
Instrument :
 MSVOA_F
 ClientSampled :
 SB-07-2.5-3.5

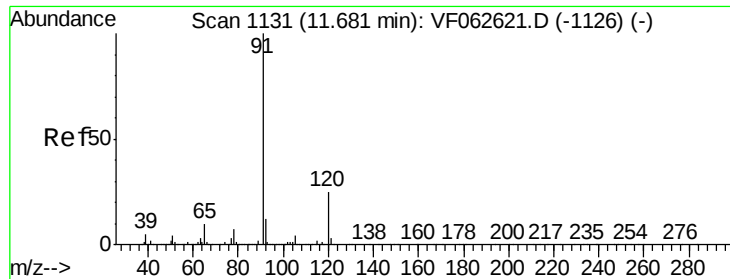
Tgt Ion: 75 Resp: 810
 Ion Ratio Lower Upper
 75 100
 77 22.6 20.6 61.8



#77
 Bromobenzene
 Concen: 2.084 ug/l
 RT: 11.58 min Scan# 1121
 Delta R.T. 0.00 min
 Lab File: VF062663.D
 Acq: 20 May 2019 16:25

Tgt Ion: 156 Resp: 591
 Ion Ratio Lower Upper
 156 100
 77 259.9 73.6 220.8#
 158 56.0 49.6 148.8





#78

n-propylbenzene

Concen: 2.088 ug/l

RT: 11.67 min Scan# 1130

Delta R.T. -0.01 min

Lab File: VF062663.D

Acq: 20 May 2019 16:25

Instrument :

MSVOA_F

ClientSampleId :

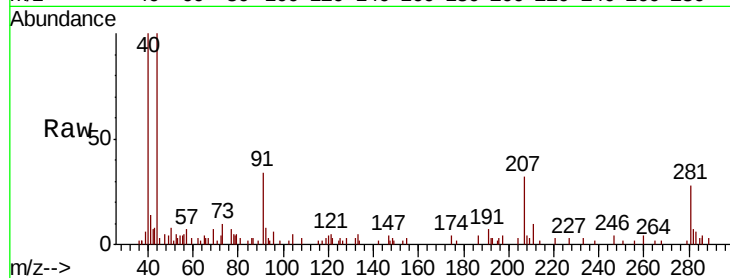
SB-07-2.5-3.5

Tgt Ion: 91 Resp: 2820

Ion Ratio Lower Upper

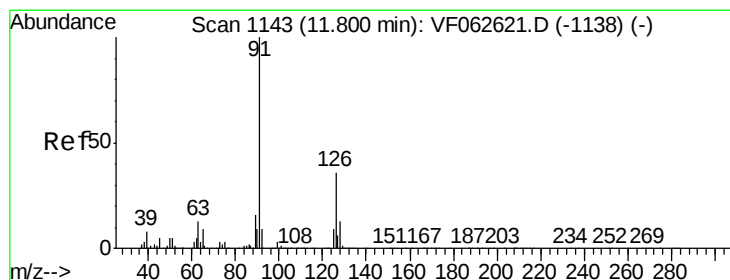
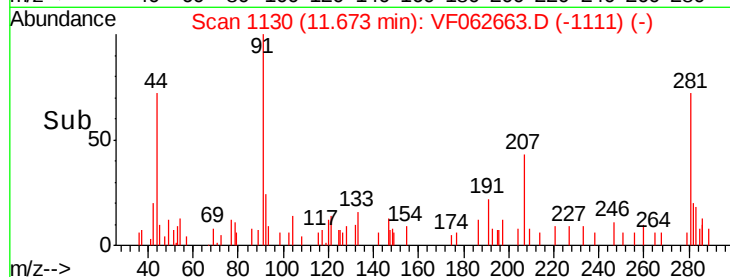
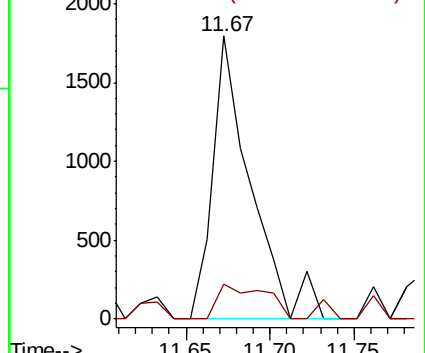
91 100

120 12.2 12.7 38.1#



Abundance Ion 91.00 (90.70 to 91.70): VF0

Ion 120.00 (119.70 to 120.70): V



#79

2-Chlorotoluene

Concen: 1.470 ug/l

RT: 11.81 min Scan# 1144

Delta R.T. 0.01 min

Lab File: VF062663.D

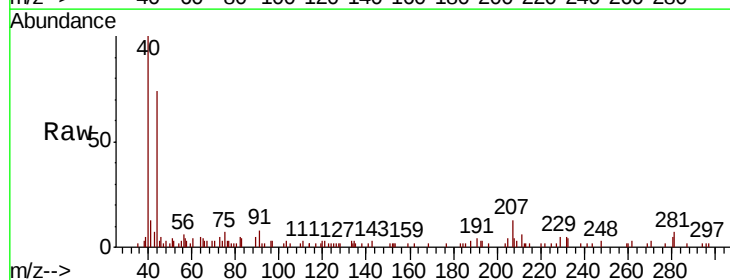
Acq: 20 May 2019 16:25

Tgt Ion: 91 Resp: 1119

Ion Ratio Lower Upper

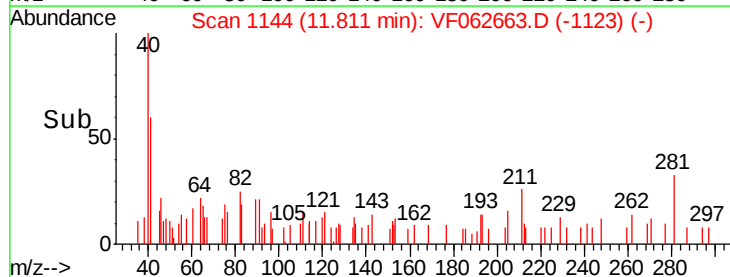
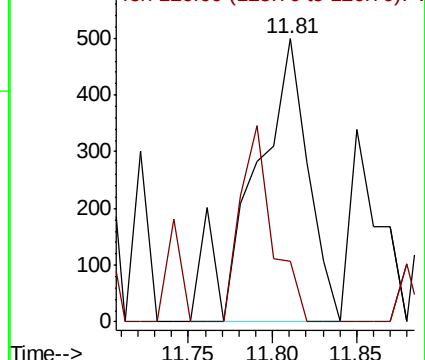
91 100

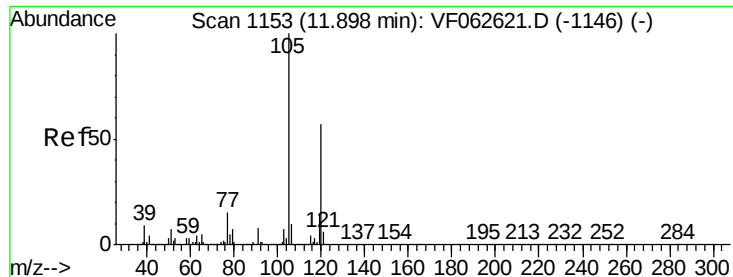
126 21.6 18.1 54.4



Abundance Ion 91.00 (90.70 to 91.70): VF0

Ion 126.00 (125.70 to 126.70): V





#80

1,3,5-Trimethylbenzene

Concen: 2.489 ug/l

RT: 11.91 min Scan# 1154

Delta R.T. 0.01 min

Lab File: VF062663.D

Acq: 20 May 2019 16:25

Instrument :

MSVOA_F

ClientSampleId :

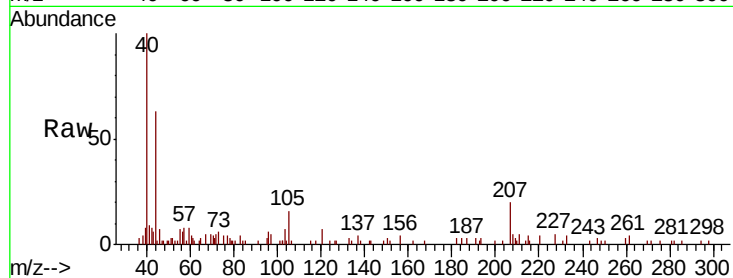
SB-07-2.5-3.5

Tgt Ion:105 Resp: 2277

Ion Ratio Lower Upper

105 100

120 43.1 28.7 86.3

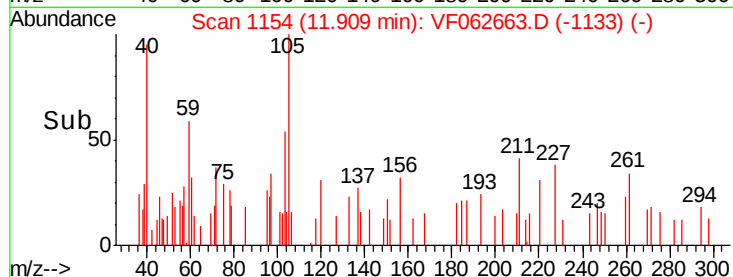


Abundance Ion 105.00 (104.70 to 105.70): V

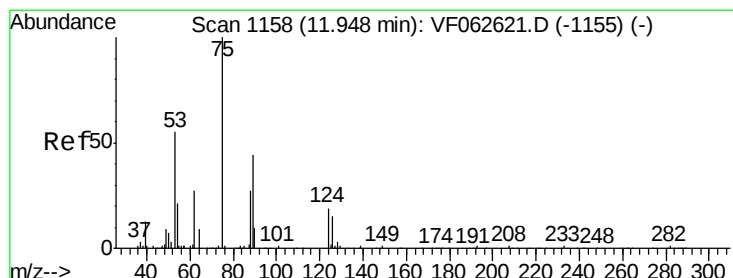
Ion 120.00 (119.70 to 120.70): V

11.91

11.95



Time-->



#81

trans-1,4-Dichloro-2-butene

Concen: 3.759 ug/l

RT: 11.98 min Scan# 1161

Delta R.T. 0.03 min

Lab File: VF062663.D

Acq: 20 May 2019 16:25

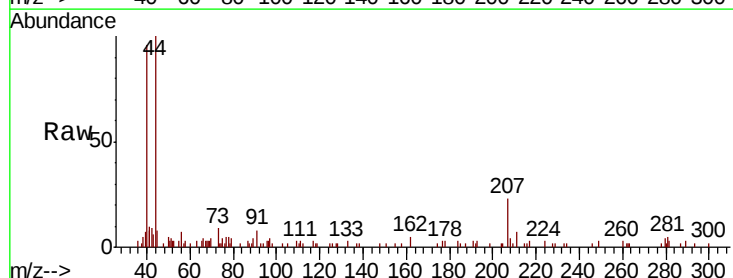
Tgt Ion: 75 Resp: 256

Ion Ratio Lower Upper

75 100

53 0.0 46.9 70.3#

89 78.8 36.4 54.6#



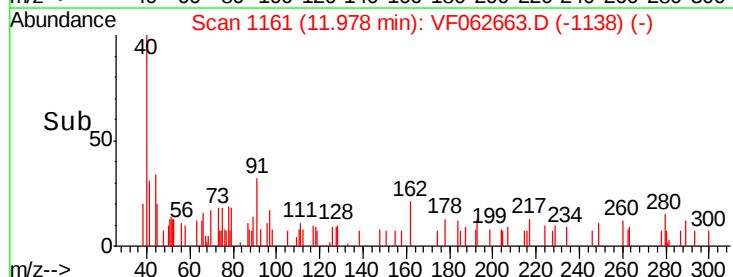
Abundance Ion 75.00 (74.70 to 75.70): VF0

Ion 53.00 (52.70 to 53.70): VF0

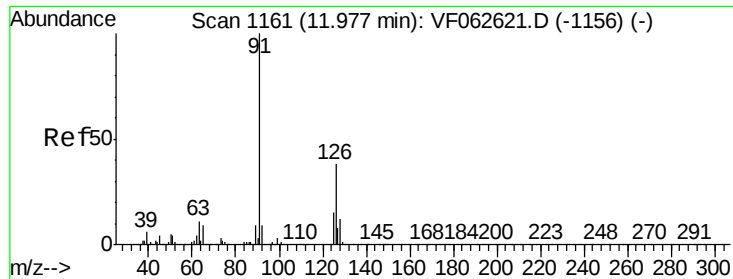
Ion 89.00 (88.70 to 89.70): VF0

11.98

12.00



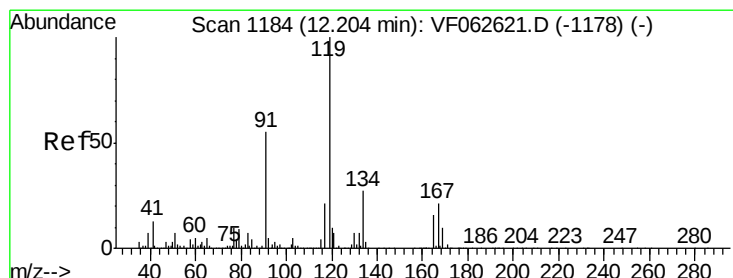
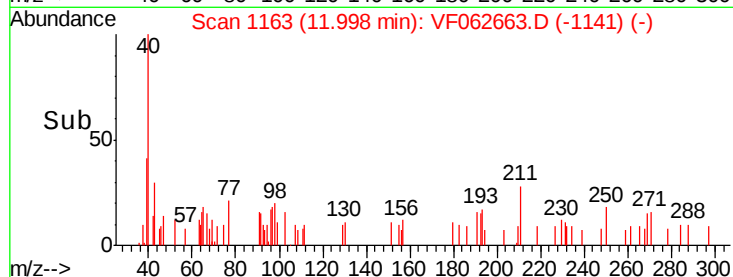
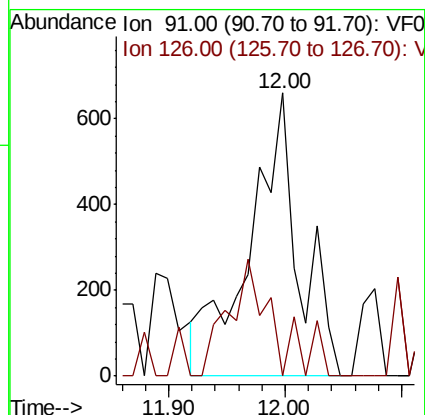
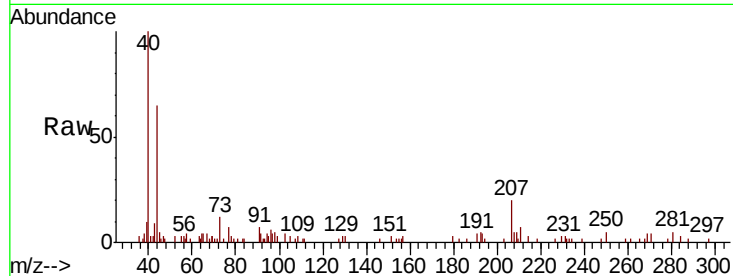
Time-->



#82
4-Chlorotoluene
Concen: 2.596 ug/l
RT: 12.00 min Scan# 1163
Delta R.T. 0.02 min
Lab File: VF062663.D
Acq: 20 May 2019 16:25

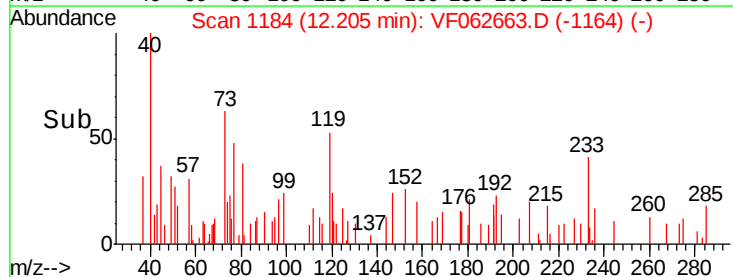
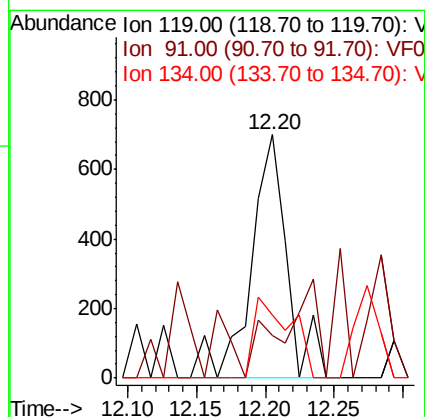
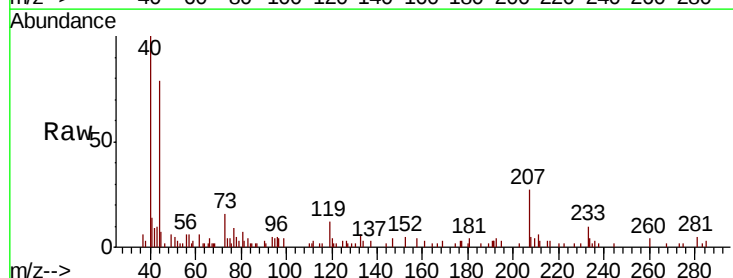
Instrument :
MSVOA_F
ClientSampleId :
SB-07-2.5-3.5

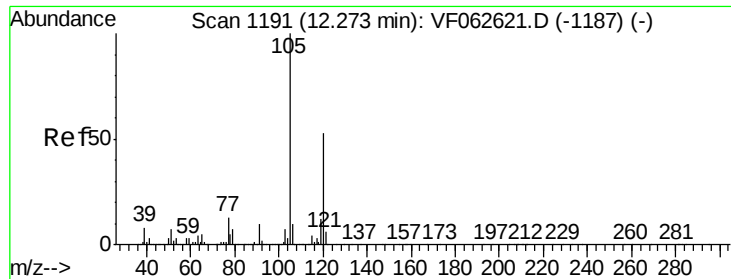
Tgt Ion: 91 Resp: 1948
Ion Ratio Lower Upper
91 100
126 0.0 19.1 57.1#



#83
tert-Butylbenzene
Concen: 1.388 ug/l
RT: 12.20 min Scan# 1184
Delta R.T. 0.00 min
Lab File: VF062663.D
Acq: 20 May 2019 16:25

Tgt Ion: 119 Resp: 1288
Ion Ratio Lower Upper
119 100
91 17.6 27.3 81.9#
134 26.0 13.6 40.7

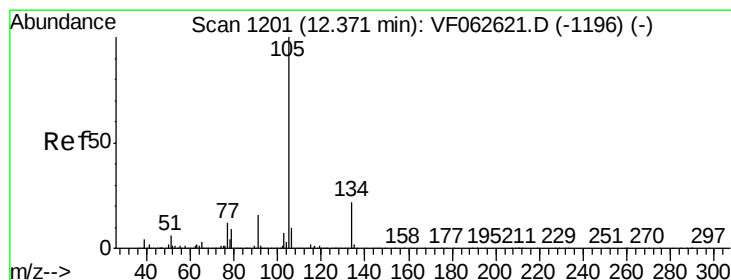
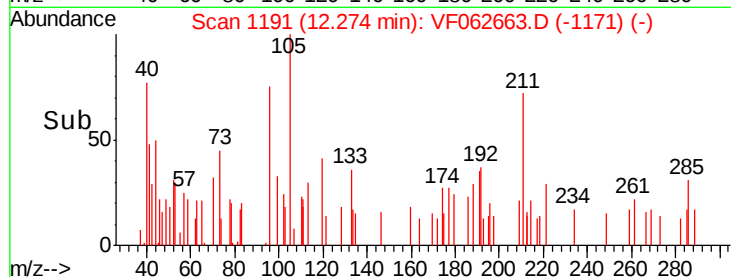
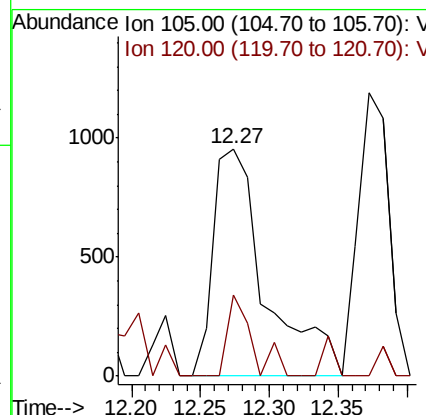
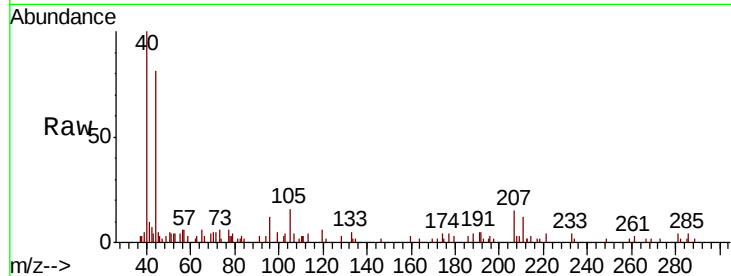




#84
 1,2,4-Trimethylbenzene
 Concen: 2.830 ug/l
 RT: 12.27 min Scan# 1191
 Delta R.T. 0.00 min
 Lab File: VF062663.D
 Acq: 20 May 2019 16:25

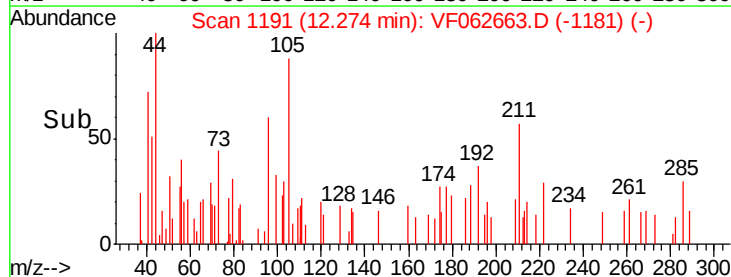
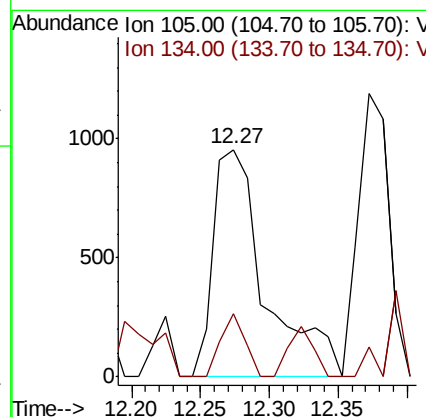
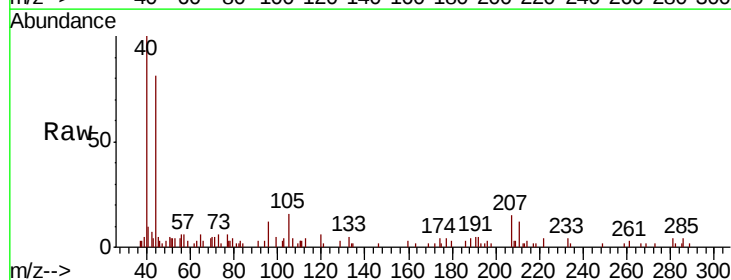
Instrument :
 MSVOA_F
 ClientSampleId :
 SB-07-2.5-3.5

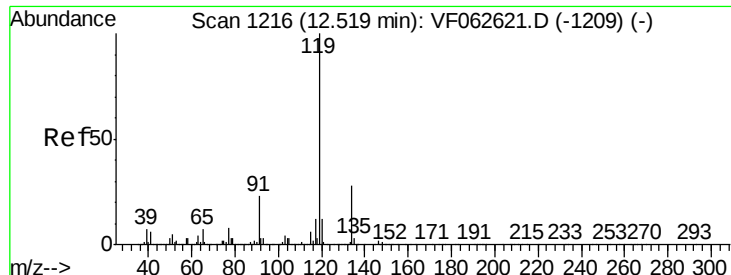
Tgt Ion:105 Resp: 2506
 Ion Ratio Lower Upper
 105 100
 120 35.9 26.7 80.1



#85
 sec-Butylbenzene
 Concen: 2.012 ug/l
 RT: 12.27 min Scan# 1191
 Delta R.T. -0.10 min
 Lab File: VF062663.D
 Acq: 20 May 2019 16:25

Tgt Ion:105 Resp: 2506
 Ion Ratio Lower Upper
 105 100
 134 27.7 10.8 32.4

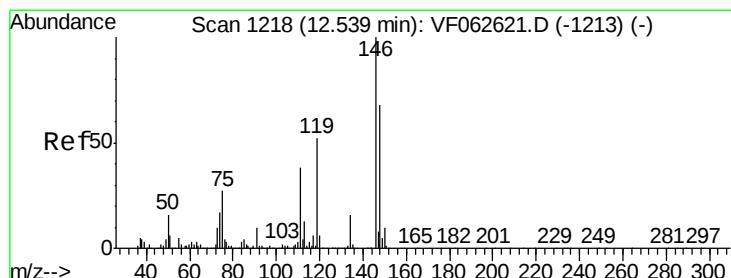
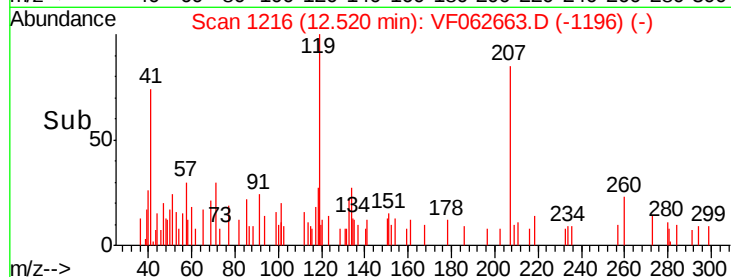
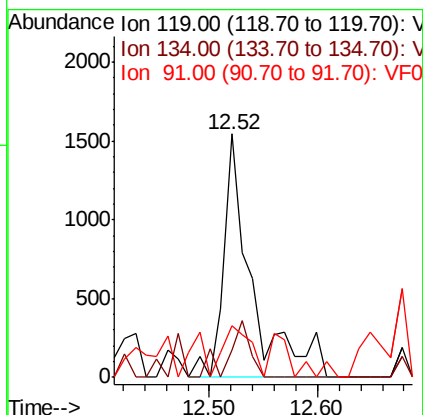
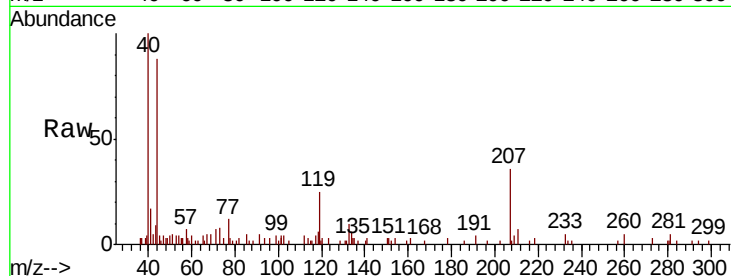




#86
p-Isopropyltoluene
Concen: 2.681 ug/l
RT: 12.52 min Scan# 1216
Delta R.T. 0.00 min
Lab File: VF062663.D
Acq: 20 May 2019 16:25

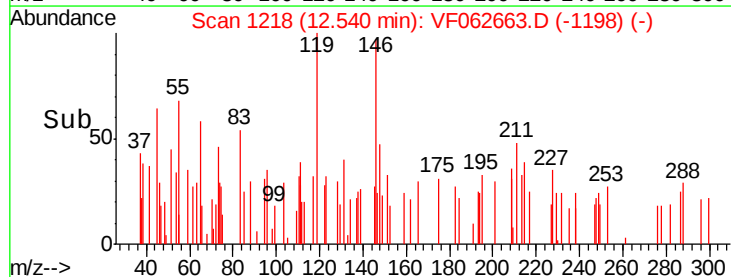
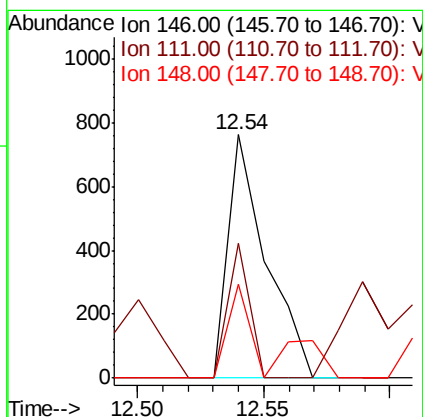
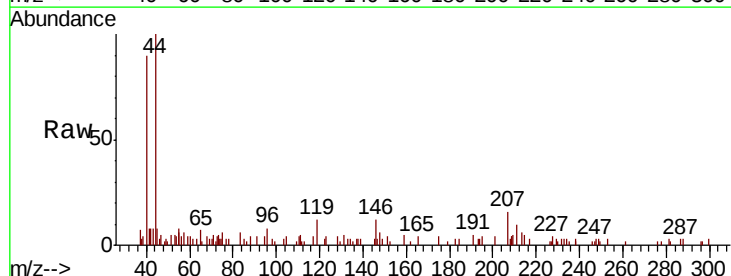
Instrument :
MSVOA_F
ClientSampleId :
SB-07-2.5-3.5

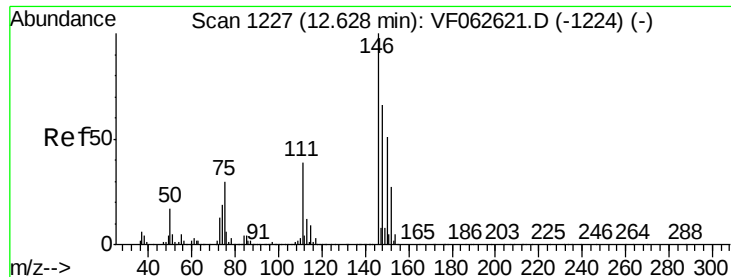
Tgt Ion	Ratio	Lower	Upper
119	100		
134	11.5	14.1	42.3#
91	21.4	11.4	34.2



#87
1,3-Dichlorobenzene
Concen: 1.561 ug/l
RT: 12.54 min Scan# 1218
Delta R.T. 0.00 min
Lab File: VF062663.D
Acq: 20 May 2019 16:25

Tgt Ion	Ratio	Lower	Upper
146	100		
111	71.4	18.9	56.9#
148	38.7	34.0	101.8

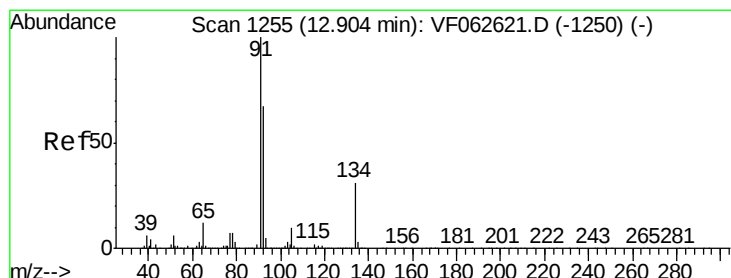
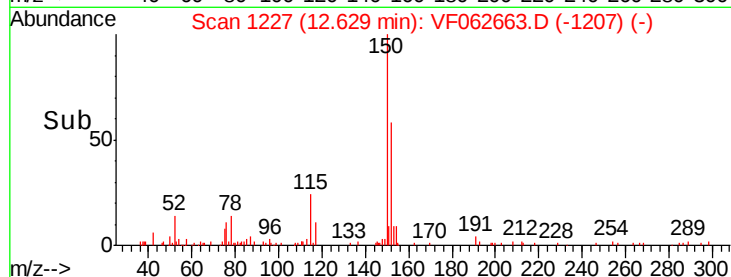
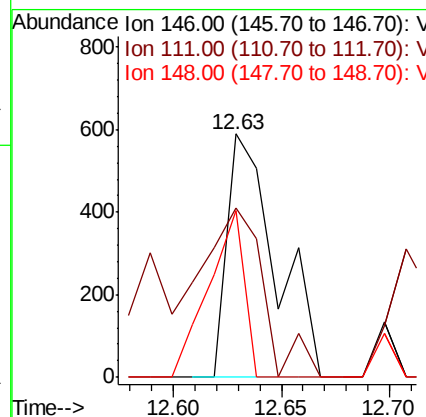
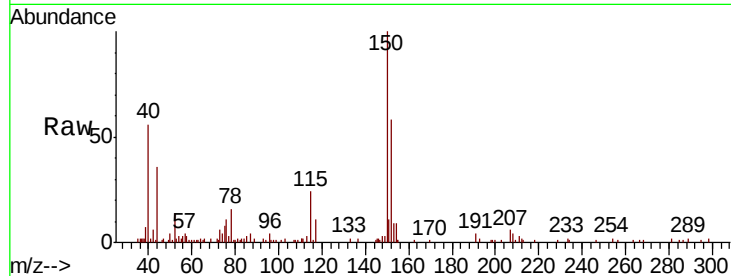




#88
 1,4-Dichlorobenzene
 Concen: 1.933 ug/l
 RT: 12.63 min Scan# 1227
 Delta R.T. 0.00 min
 Lab File: VF062663.D
 Acq: 20 May 2019 16:25

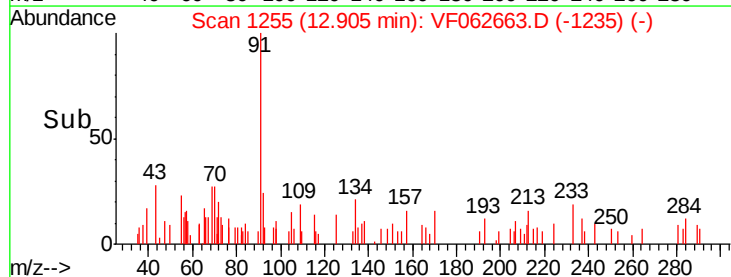
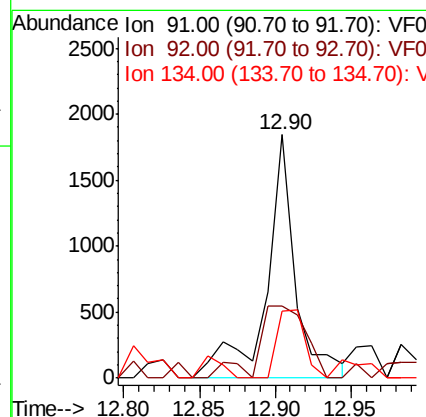
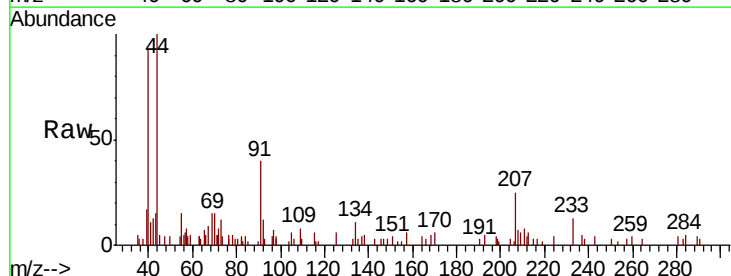
Instrument :
 MSVOA_F
 ClientSampleId :
 SB-07-2.5-3.5

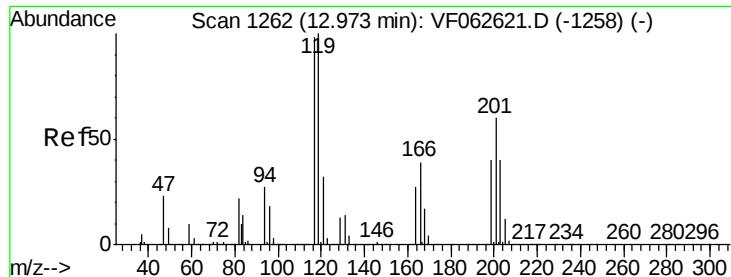
Tgt Ion	Ratio	Lower	Upper
146	100		
111	69.5	19.4	58.2#
148	68.3	33.2	99.6



#89
 n-Butylbenzene
 Concen: 2.431 ug/l
 RT: 12.90 min Scan# 1255
 Delta R.T. 0.00 min
 Lab File: VF062663.D
 Acq: 20 May 2019 16:25

Tgt Ion	Ratio	Lower	Upper
91	100		
92	29.5	33.3	99.8#
134	27.3	15.4	46.4





#90

Hexachloroethane

Concen: 1.743 ug/l

RT: 12.96 min Scan# 1261

Delta R.T. -0.01 min

Lab File: VF062663.D

Acq: 20 May 2019 16:25

Instrument :

MSVOA_F

ClientSampled :

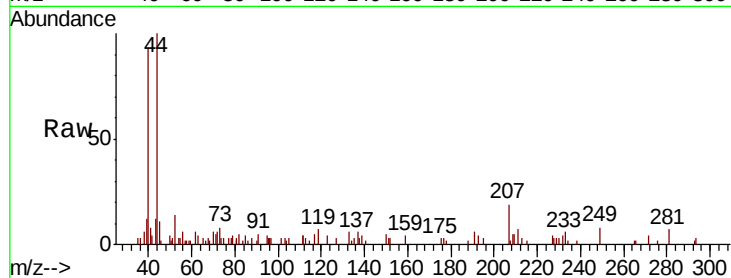
SB-07-2.5-3.5

Tgt Ion:117 Resp: 439

Ion Ratio Lower Upper

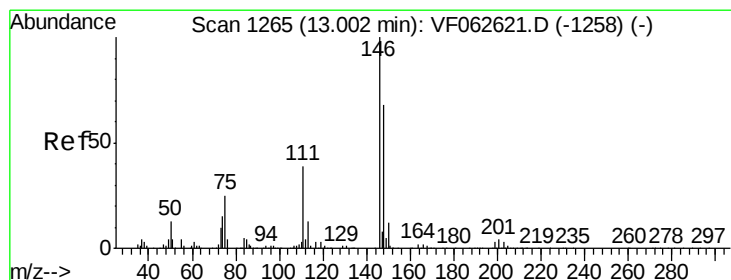
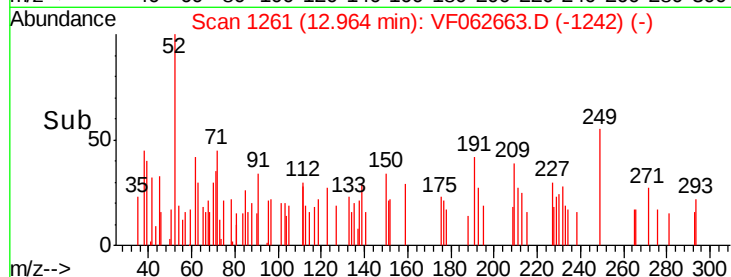
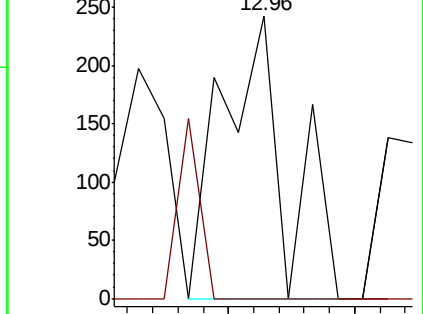
117 100

201 0.0 30.7 92.1#



Abundance Ion 117.00 (116.70 to 117.70): V

Ion 201.00 (200.70 to 201.70): V



#91

1,2-Dichlorobenzene

Concen: 1.972 ug/l

RT: 13.00 min Scan# 1265

Delta R.T. 0.00 min

Lab File: VF062663.D

Acq: 20 May 2019 16:25

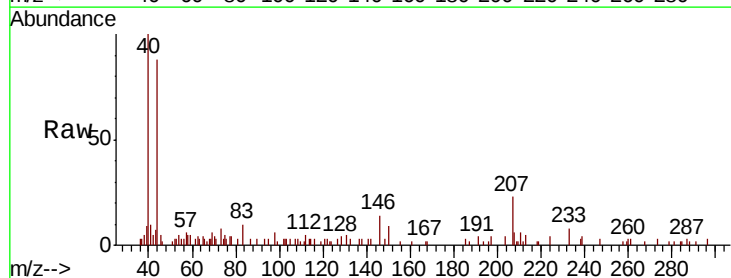
Tgt Ion:146 Resp: 902

Ion Ratio Lower Upper

146 100

111 14.5 19.8 59.3#

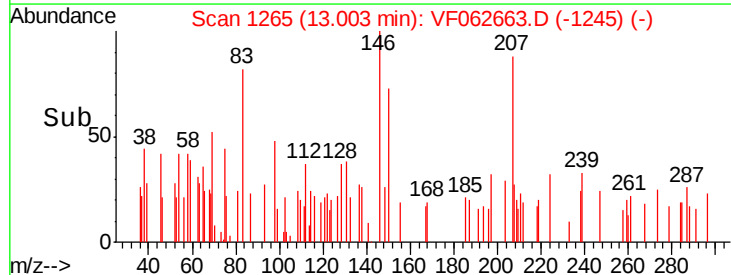
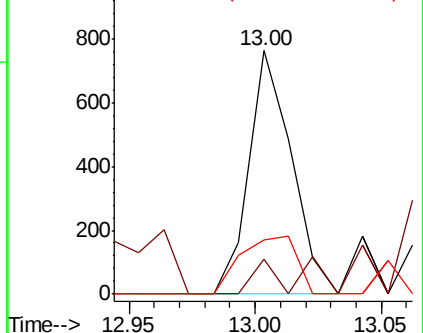
148 22.4 34.1 102.2#

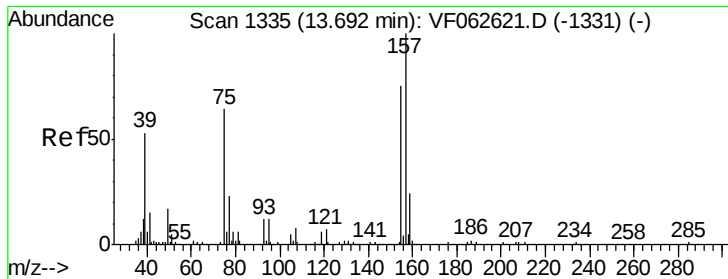


Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V





#92

1,2-Dibromo-3-Chloropropane

Concen: 6.542 ug/l

RT: 13.69 min Scan# 1335

Delta R.T. 0.00 min

Lab File: VF062663.D

Acq: 20 May 2019 16:25

Instrument :

MSVOA_F

ClientSampleId :

SB-07-2.5-3.5

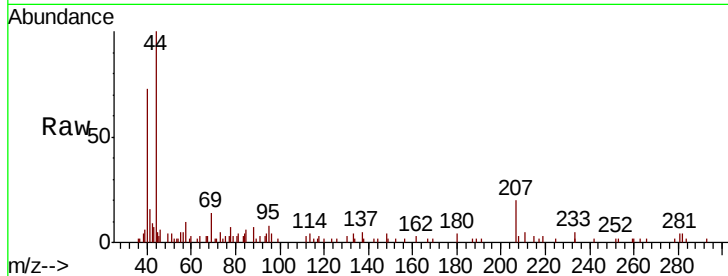
Tgt Ion: 75 Resp: 182

Ion Ratio Lower Upper

75 100

155 0.0 58.1 174.3#

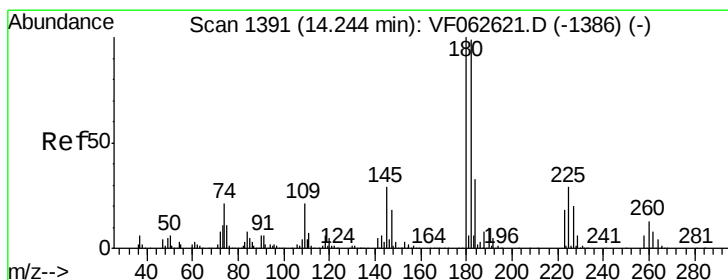
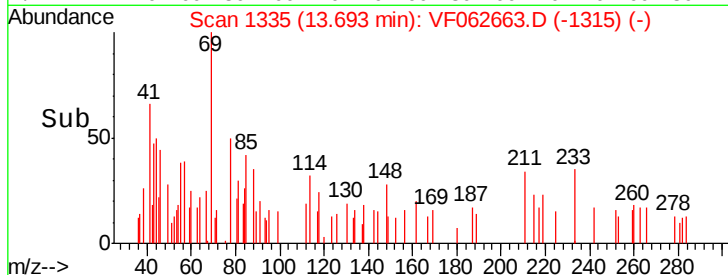
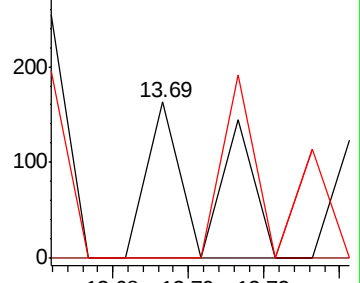
157 0.0 77.8 233.4#



Abundance Ion 75.00 (74.70 to 75.70): VF0

Ion 155.00 (154.70 to 155.70): V

Ion 157.00 (156.70 to 157.70): V



#93

1,2,4-Trichlorobenzene

Concen: 2.055 ug/l

RT: 14.26 min Scan# 1392

Delta R.T. 0.01 min

Lab File: VF062663.D

Acq: 20 May 2019 16:25

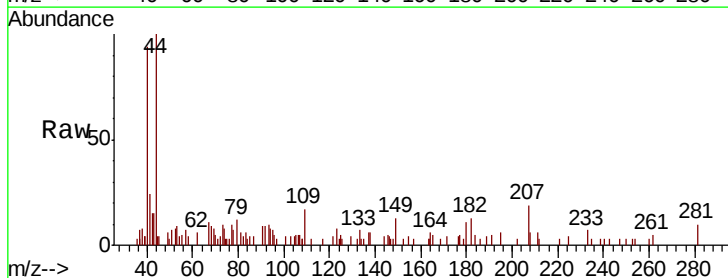
Tgt Ion: 180 Resp: 673

Ion Ratio Lower Upper

180 100

182 121.5 49.7 149.1

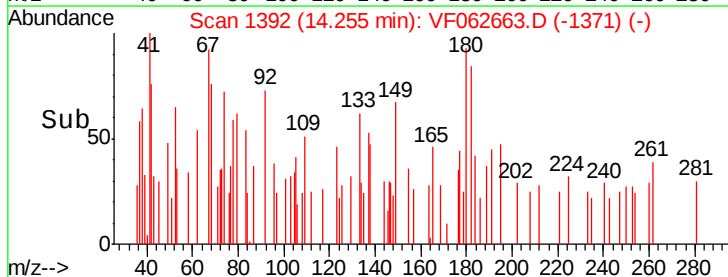
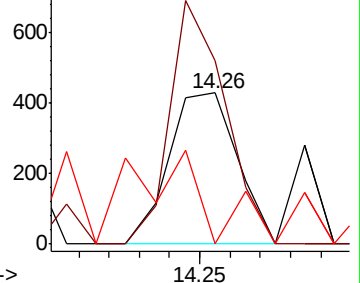
145 41.1 14.6 44.0

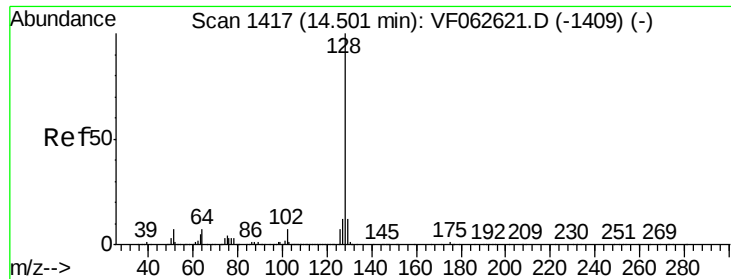


Abundance Ion 180.00 (179.70 to 180.70): V

Ion 182.00 (181.70 to 182.70): V

Ion 145.00 (144.70 to 145.70): V





#95

Naphthalene

Concen: 6.669 ug/l

RT: 14.50 min Scan# 1417

Delta R.T. 0.00 min

Lab File: VF062663.D

Acq: 20 May 2019 16:25

Instrument :

MSVOA_F

ClientSampleId :

SB-07-2.5-3.5

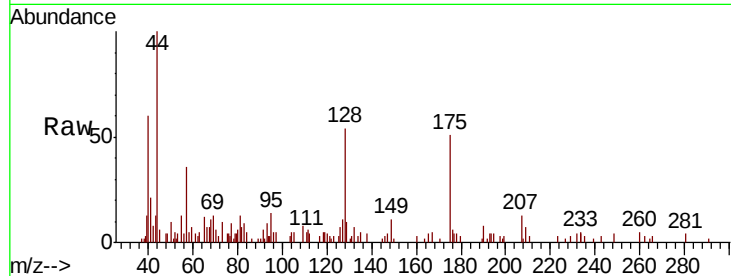
Tgt Ion:128 Resp: 3967

Ion Ratio Lower Upper

128 100

127 20.5 9.7 14.5#

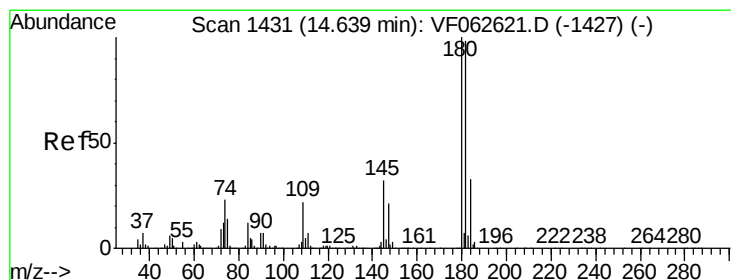
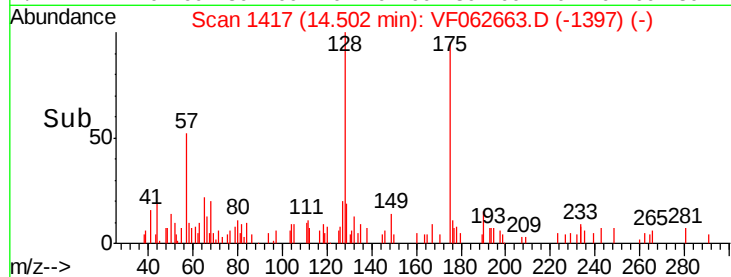
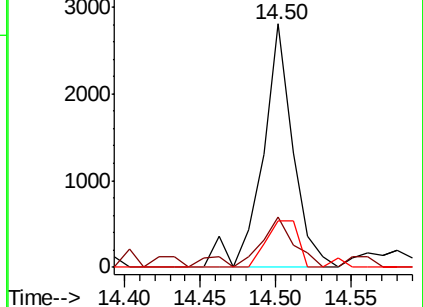
129 18.9 9.3 13.9#



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 3.553 ug/l

RT: 14.65 min Scan# 1432

Delta R.T. 0.01 min

Lab File: VF062663.D

Acq: 20 May 2019 16:25

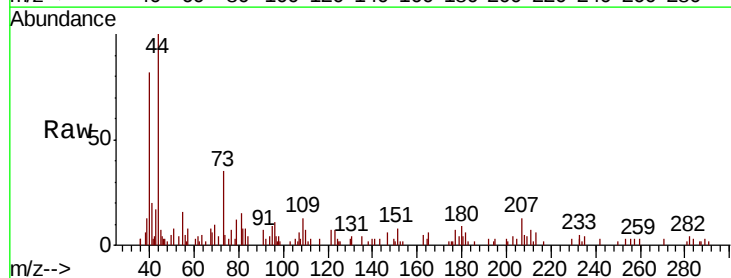
Tgt Ion:180 Resp: 1102

Ion Ratio Lower Upper

180 100

182 59.2 48.9 146.7

145 0.0 16.1 48.2#



Abundance Ion 180.00 (179.70 to 180.70): V

Ion 182.00 (181.70 to 182.70): V

Ion 145.00 (144.70 to 145.70): V

