

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF060619\
 Data File : VF062877.D
 Acq On : 6 Jun 2019 12:39
 Operator : FY/SY
 Sample : VF0606SBS01
 Misc : 5.00g/5mL/MSVOA F/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 VF0606SBS01

Quant Time: Jun 07 01:23:08 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F053019S.M
 Quant Title : SW846 8260
 QLast Update : Fri May 31 04:18:30 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.08	168	844809	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.80	114	1439461	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.93	117	1163842	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.63	152	562562	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	5.06	65	280930	48.09	ug/l	0.00
Spiked Amount			Recovery	=	96.18%	
35) Dibromofluoromethane	4.33	113	501472	46.10	ug/l	0.00
Spiked Amount			Recovery	=	92.20%	
50) Toluene-d8	7.73	98	1251613	45.50	ug/l	0.00
Spiked Amount			Recovery	=	91.00%	
62) 4-Bromofluorobenzene	11.50	95	444396	44.91	ug/l	0.00
Spiked Amount			Recovery	=	89.82%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.00	85	207811	19.077	ug/l	98
3) Chloromethane	1.15	50	169749	19.419	ug/l	99
4) Vinyl Chloride	1.19	62	168555	19.404	ug/l	100
5) Bromomethane	1.40	94	93870	18.949	ug/l	92
6) Chloroethane	1.45	64	59578	18.344	ug/l	93
7) Trichlorofluoromethane	1.57	101	250985	20.410	ug/l	91
8) Diethyl Ether	1.72	74	42428	17.537	ug/l	92
9) 1,1,2-Trichlorotrifluoroet	1.92	101	157021	20.310	ug/l	97
10) Methyl Iodide	1.99	142	306174	19.751	ug/l	95
11) Tert butyl alcohol	2.72	59	35017	98.947	ug/l #	87
12) 1,1-Dichloroethene	1.88	96	132636	18.893	ug/l	93
13) Acrolein	2.06	56	850	Below Cal		96
14) Allyl chloride	2.21	41	110275	20.247	ug/l	98
15) Acrylonitrile	3.09	53	104930	78.907	ug/l	86
16) Acetone	2.37	43	131431	98.297	ug/l	97
17) Carbon Disulfide	1.93	76	393889	19.196	ug/l	98
18) Methyl Acetate	2.47	43	48294	20.669	ug/l	92
19) Methyl tert-butyl Ether	2.56	73	266639	20.964	ug/l	99
20) Methylene Chloride	2.37	84	107620	13.918	ug/l	95
21) trans-1,2-Dichloroethene	2.43	96	148227	21.058	ug/l	93
22) Diisopropyl ether	2.96	45	300504	19.420	ug/l	93
23) Vinyl Acetate	3.36	43	1108602	104.650	ug/l	97
24) 1,1-Dichloroethane	3.03	63	241000	20.860	ug/l	98
25) 2-Butanone	4.55	43	315304	101.261	ug/l	96
26) 2,2-Dichloropropane	3.79	77	133116	20.292	ug/l	98
27) cis-1,2-Dichloroethene	3.67	96	231912	19.600	ug/l	90
28) Bromochloromethane	3.92	49	123981	19.728	ug/l	84
29) Tetrahydrofuran	4.30	42	132226	111.028	ug/l	96
30) Chloroform	4.07	83	338053	20.761	ug/l	94
31) Cyclohexane	3.89	56	304048	19.438	ug/l	89
32) 1,1,1-Trichloroethane	4.32	97	221704	23.386	ug/l	93
36) 1,1-Dichloropropene	4.49	75	255146	19.254	ug/l	97
37) Ethyl Acetate	4.33	43	127852	25.239	ug/l #	91
38) Carbon Tetrachloride	4.21	117	177415	19.810	ug/l	84

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 Quant Title : SW846 8260
 QLast Update : Fri May 31 04:18:30 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	5.66	83	309348	18.757	ug/l	97
40) Benzene	4.84	78	794366	20.597	ug/l	99
41) Methacrylonitrile	4.96	41	58962	20.938	ug/l	93
42) 1,2-Dichloroethane	5.15	62	141201	19.250	ug/l	92
43) Isopropyl Acetate	7.14	43	135169	20.199	ug/l #	100
44) Trichloroethene	5.71	130	219301	20.148	ug/l	98
45) 1,2-Dichloropropane	6.43	63	205608	21.244	ug/l	97
46) Dibromomethane	6.28	93	120229	21.277	ug/l	93
47) Bromodichloromethane	6.57	83	229503	19.943	ug/l	93
48) Methyl methacrylate	6.90	41	69808	20.242	ug/l	96
49) 1,4-Dioxane	6.90	88	17730	390.036	ug/l #	84
51) 4-Methyl-2-Pentanone	8.42	43	522845	109.440	ug/l	98
52) Toluene	7.80	92	436565	21.016	ug/l	93
53) t-1,3-Dichloropropene	8.44	75	195187	20.469	ug/l	92
54) cis-1,3-Dichloropropene	7.48	75	277526	20.106	ug/l	99
55) 1,1,2-Trichloroethane	8.65	97	129352	20.844	ug/l	96
56) Ethyl methacrylate	8.77	69	129978	19.520	ug/l	99
57) 1,3-Dichloropropane	9.02	76	225487	22.250	ug/l	97
58) 2-Chloroethyl Vinyl ether	7.47	63	267962	115.148	ug/l	100
59) 2-Hexanone	9.64	43	374116	109.865	ug/l	99
60) Dibromochloromethane	8.88	129	157831	20.543	ug/l	99
61) 1,2-Dibromoethane	9.15	107	135962	21.096	ug/l	93
64) Tetrachloroethene	8.32	164	171302	19.154	ug/l	92
65) Chlorobenzene	9.95	112	441865	19.660	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.07	131	170192	19.014	ug/l	98
67) Ethyl Benzene	10.04	91	766672	19.878	ug/l	95
68) m/p-Xylenes	10.27	106	540807	36.643	ug/l	81
69) o-Xylene	10.83	106	270726	18.117	ug/l	93
70) Styrene	10.90	104	421970	19.159	ug/l	98
71) Bromoform	10.89	173	81342	18.943	ug/l #	100
73) Isopropylbenzene	11.23	105	749396	19.091	ug/l	96
74) N-amyl acetate	11.46	43	214243	19.365	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.78	83	174748	20.846	ug/l	98
76) 1,2,3-Trichloropropane	11.88	75	115616	20.807	ug/l	93
77) Bromobenzene	11.59	156	188971	19.160	ug/l	85
78) n-propylbenzene	11.68	91	960205	20.259	ug/l	89
79) 2-Chlorotoluene	11.81	91	526611	19.418	ug/l	100
80) 1,3,5-Trimethylbenzene	11.91	105	601646	18.742	ug/l	97
81) trans-1,4-Dichloro-2-buten	11.95	75	63640	27.053	ug/l	96
82) 4-Chlorotoluene	11.99	91	522620	19.609	ug/l	99
83) tert-Butylbenzene	12.21	119	541522	17.025	ug/l	90
84) 1,2,4-Trimethylbenzene	12.28	105	601146	19.751	ug/l	96
85) sec-Butylbenzene	12.38	105	844022	20.137	ug/l	97
86) p-Isopropyltoluene	12.53	119	703869	20.176	ug/l	96
87) 1,3-Dichlorobenzene	12.55	146	354988	20.409	ug/l	99
88) 1,4-Dichlorobenzene	12.64	146	311226	19.173	ug/l	99
89) n-Butylbenzene	12.90	91	712090	20.291	ug/l	88
90) Hexachloroethane	12.98	117	164014	19.276	ug/l	91
91) 1,2-Dichlorobenzene	13.01	146	306055	20.019	ug/l	96
92) 1,2-Dibromo-3-Chloropropan	13.70	75	17827	19.520	ug/l	79

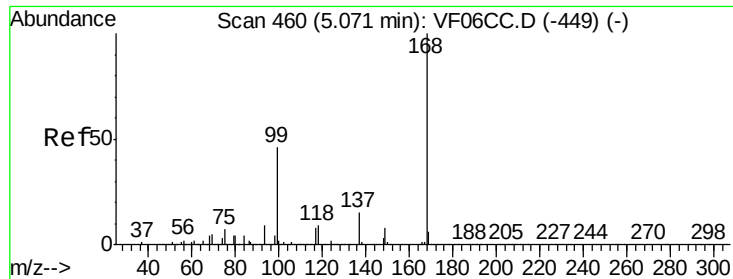
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA F\DATA\VF060619\
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Quant Title : SW846 8260
QLast Update : Fri May 31 04:18:30 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.24	180	204040	19.437	ug/l	95
94) Hexachlorobutadiene	14.23	225	137559	18.942	ug/l	97
95) Naphthalene	14.50	128	286437	16.656	ug/l	98
96) 1,2,3-Trichlorobenzene	14.65	180	162371	16.945	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.08 min Scan# 461

Delta R.T. 0.00 min

Lab File: VF062877.D

Acq: 6 Jun 2019 12:39

Instrument :

MSVOA_F

ClientSampleId :

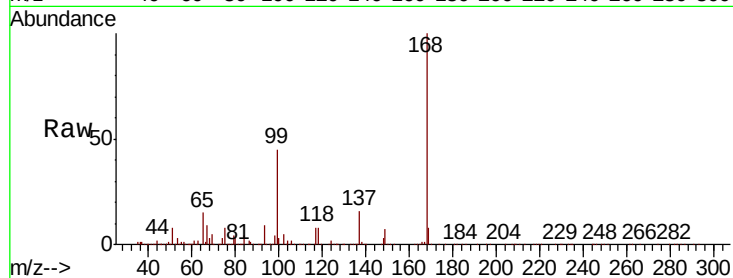
VF0606SBS01

Tot Ion:168 Resp: 844809

Ion Ratio Lower Upper

168 100

99 45.0 39.1 58.7



Abundance Ion 168.00 (167.70 to 168.70): VF0

Ion 99.00 (98.70 to 99.70): VF0

5.08

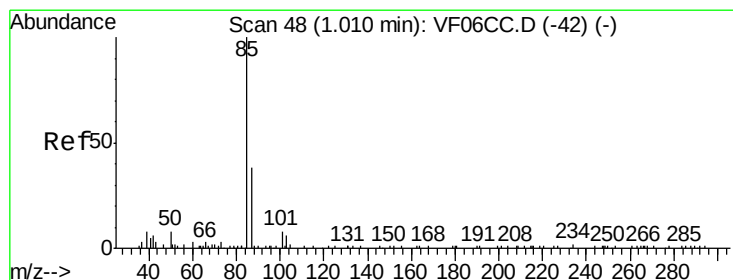
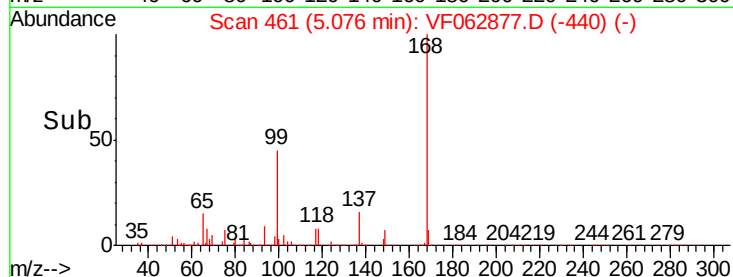
300000

200000

100000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 19.077 ug/l

RT: 1.00 min Scan# 48

Delta R.T. -0.01 min

Lab File: VF062877.D

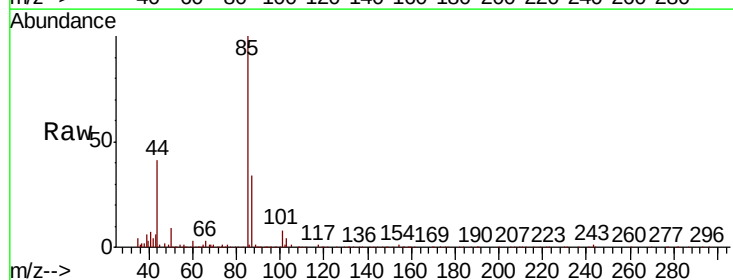
Acq: 6 Jun 2019 12:39

Tgt Ion: 85 Resp: 207811

Ion Ratio Lower Upper

85 100

87 33.9 17.6 52.9



Abundance Ion 85.00 (84.70 to 85.70): VF0

Ion 87.00 (86.70 to 87.70): VF0

1.00

60000

50000

40000

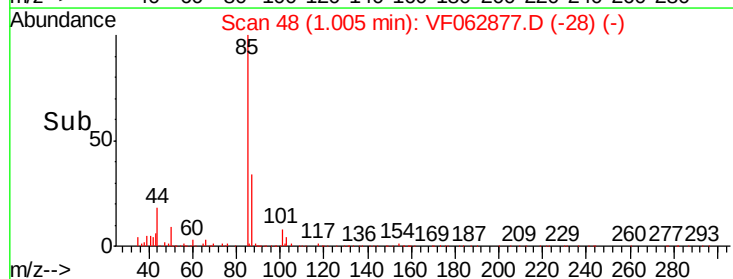
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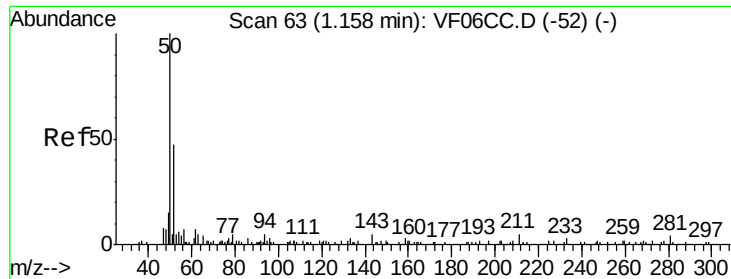
20000

10000

0

Time-->





#3

Chloromethane

Concen: 19.419 ug/l

RT: 1.15 min Scan# 63

Delta R.T. 0.00 min

Lab File: VF062877.D

Acq: 6 Jun 2019 12:39

Instrument :

MSVOA_F

ClientSampleId :

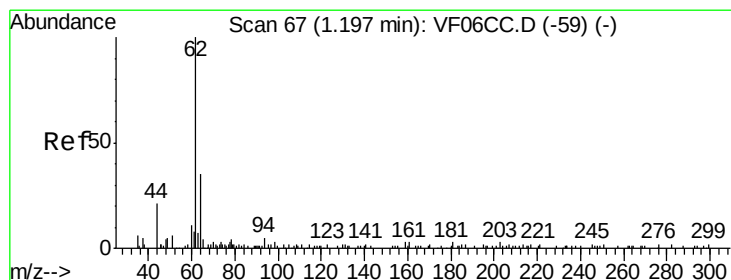
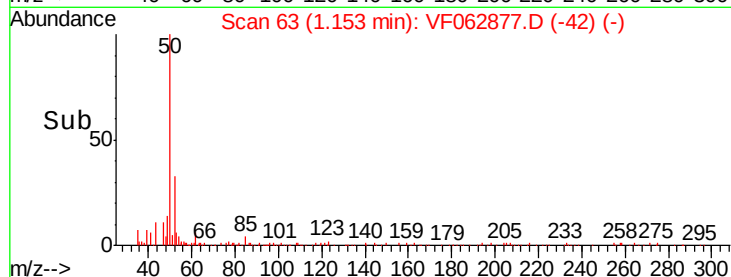
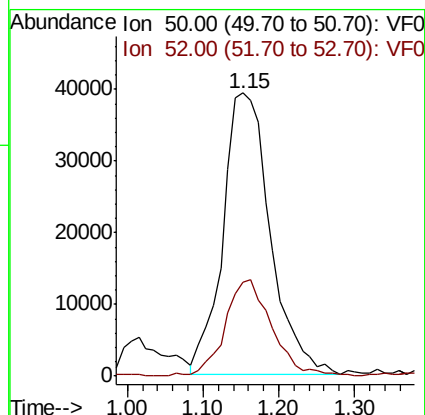
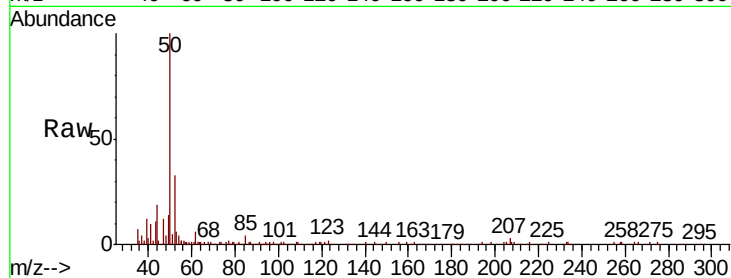
VF0606SBS01

Tot Ion: 50 Resp: 169749

Ion Ratio Lower Upper

50 100

52 33.1 27.0 40.4



#4

Vinyl Chloride

Concen: 19.404 ug/l

RT: 1.19 min Scan# 67

Delta R.T. -0.01 min

Lab File: VF062877.D

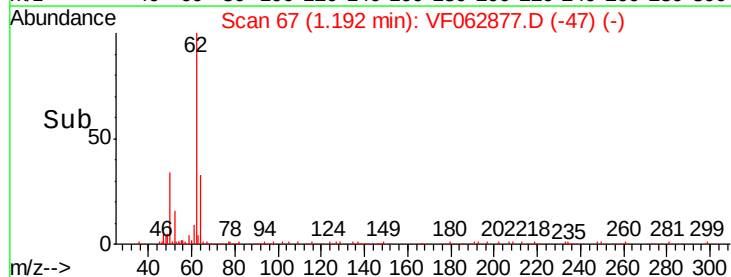
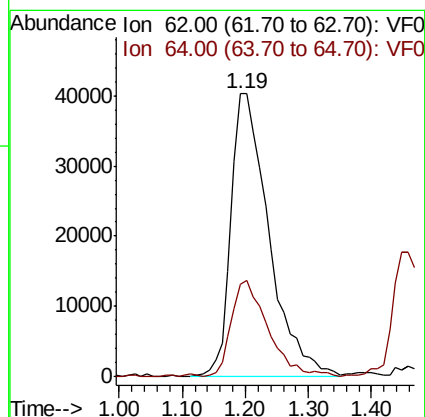
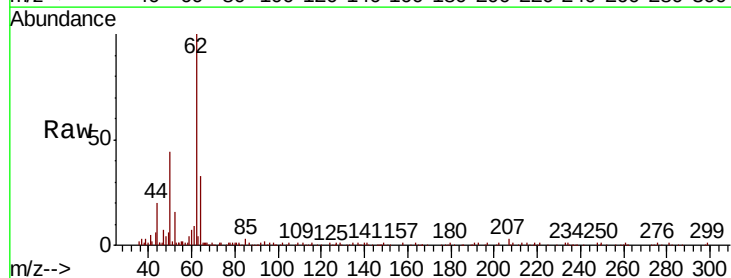
Acq: 6 Jun 2019 12:39

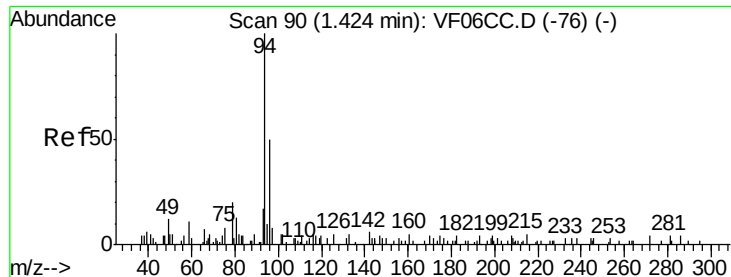
Tgt Ion: 62 Resp: 168555

Ion Ratio Lower Upper

62 100

64 32.6 26.2 39.2





#5

Bromomethane

Concen: 18.949 ug/l

RT: 1.40 min Scan# 88

Delta R.T. -0.01 min

Lab File: VF062877.D

Acq: 6 Jun 2019 12:39

Instrument :

MSVOA_F

ClientSampleId :

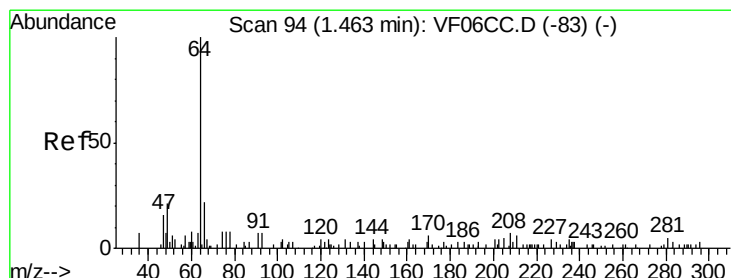
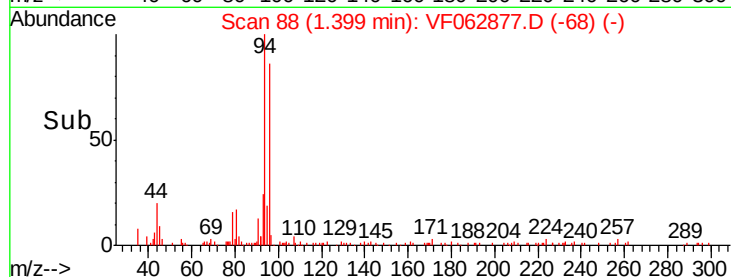
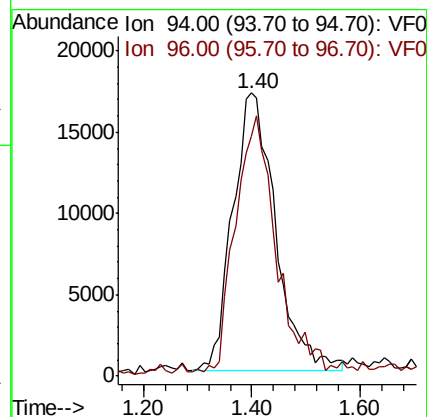
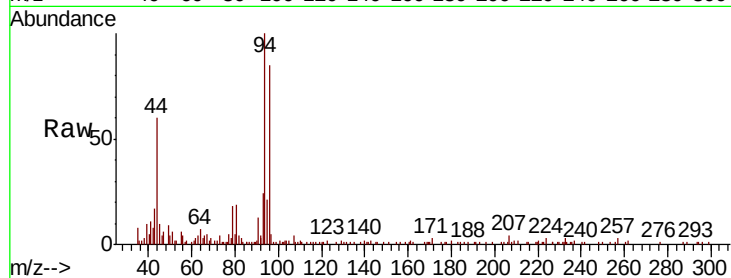
VF0606SBS01

Tot Ion: 94 Resp: 93870

Ion Ratio Lower Upper

94 100

96 84.6 73.8 110.6



#6

Chloroethane

Concen: 18.344 ug/l

RT: 1.45 min Scan# 93

Delta R.T. -0.02 min

Lab File: VF062877.D

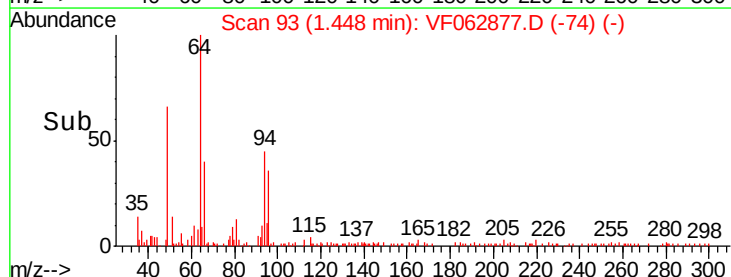
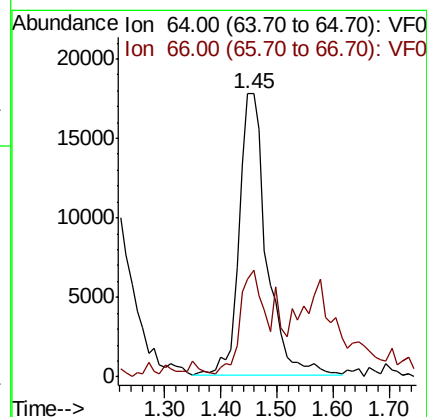
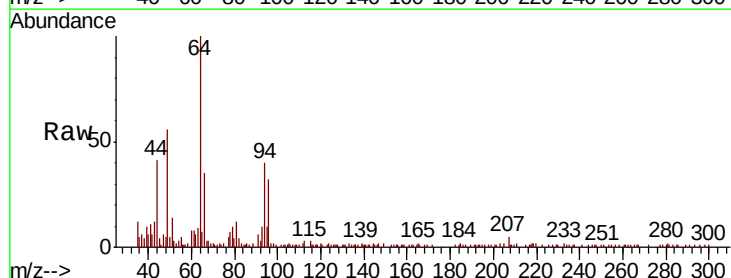
Acq: 6 Jun 2019 12:39

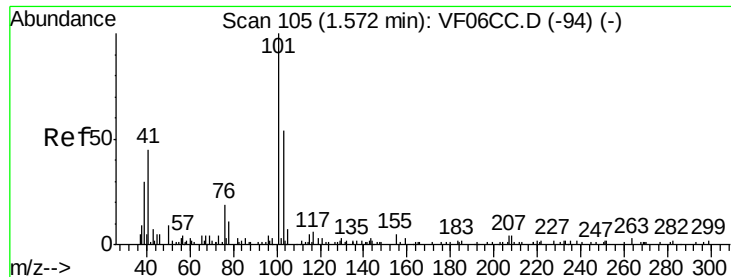
Tgt Ion: 64 Resp: 59578

Ion Ratio Lower Upper

64 100

66 34.6 31.0 46.4



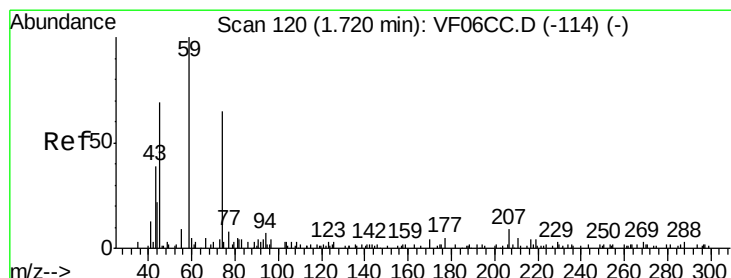
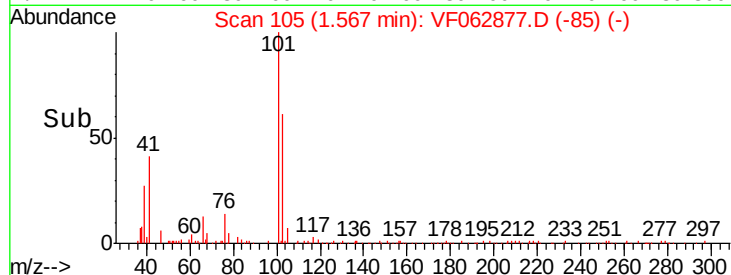
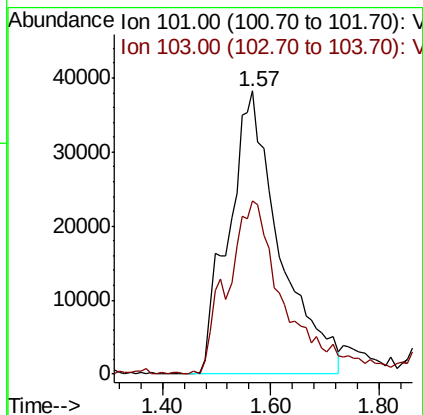
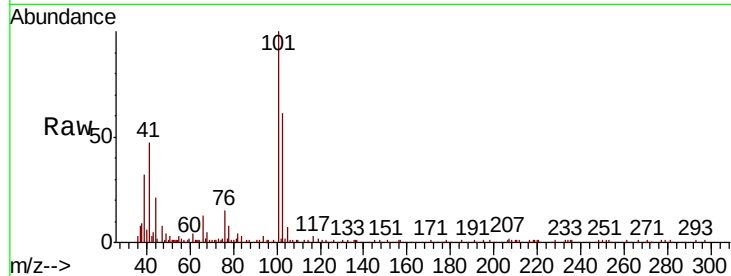


#7

Trichlorofluoromethane
Concen: 20.410 ug/l
RT: 1.57 min Scan# 105
Delta R.T. -0.01 min
Lab File: VF062877.D
Acq: 6 Jun 2019 12:39

Instrument :
MSVOA_F
ClientSampleId :
VF0606SBS01

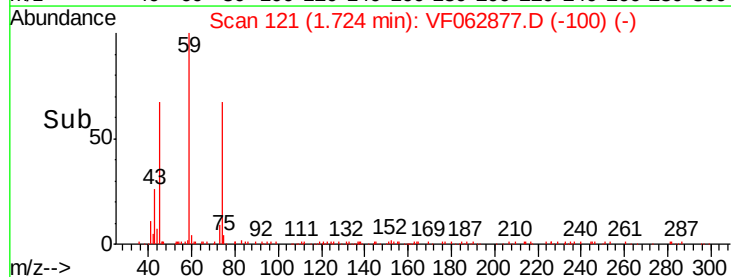
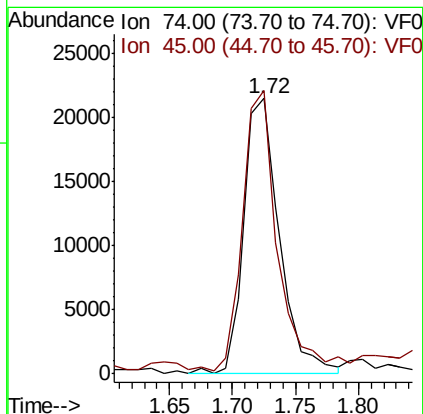
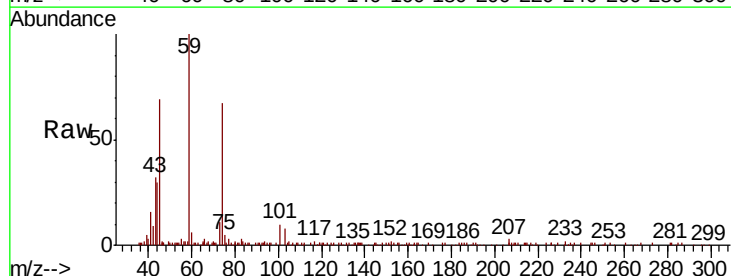
Tot Ion:101 Resp: 250985
Ion Ratio Lower Upper
101 100
103 61.4 54.6 82.0

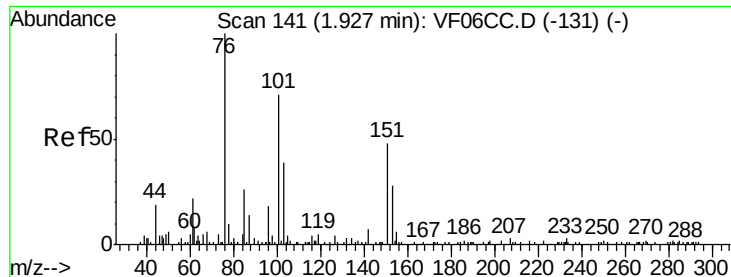


#8

Diethyl Ether
Concen: 17.537 ug/l
RT: 1.72 min Scan# 121
Delta R.T. 0.00 min
Lab File: VF062877.D
Acq: 6 Jun 2019 12:39

Tgt Ion: 74 Resp: 42428
Ion Ratio Lower Upper
74 100
45 102.8 47.5 142.5





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.310 ug/l

RT: 1.92 min Scan# 141

Delta R.T. -0.02 min

Lab File: VF062877.D

Acq: 6 Jun 2019 12:39

Instrument :

MSVOA_F

ClientSampleId :

VF0606SBS01

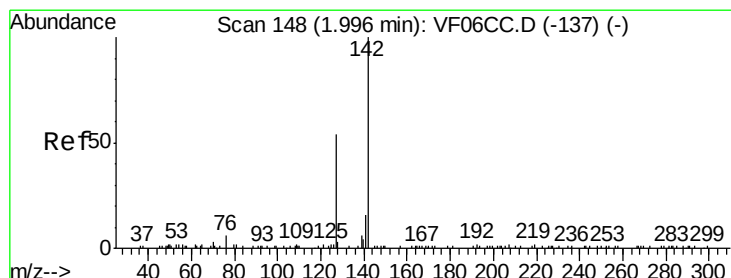
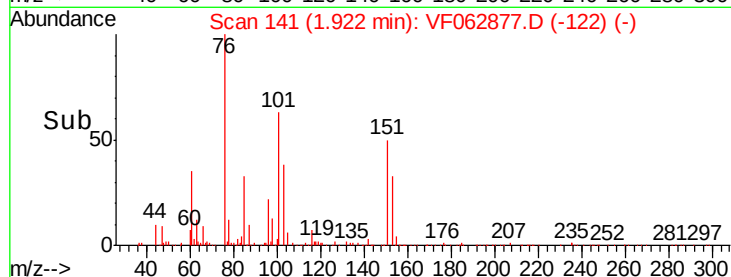
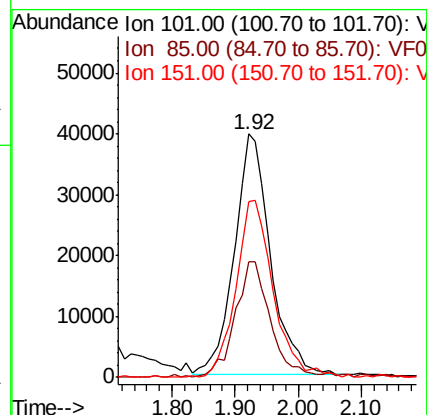
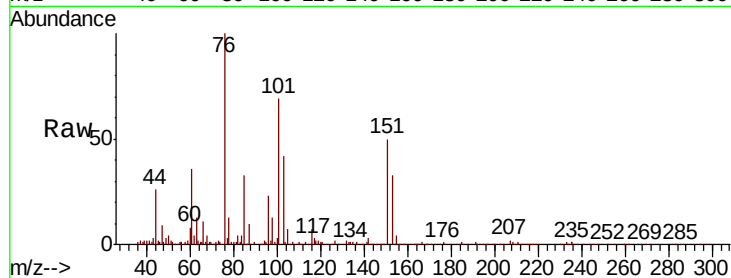
Tot Ion:101 Resp: 157021

Ion Ratio Lower Upper

101 100

85 47.4 37.1 55.7

151 72.3 60.3 90.5



#10

Methyl Iodide

Concen: 19.751 ug/l

RT: 1.99 min Scan# 148

Delta R.T. -0.03 min

Lab File: VF062877.D

Acq: 6 Jun 2019 12:39

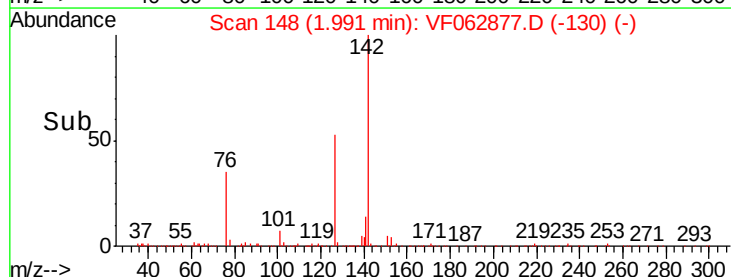
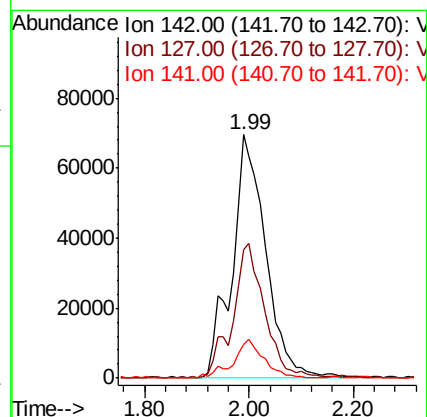
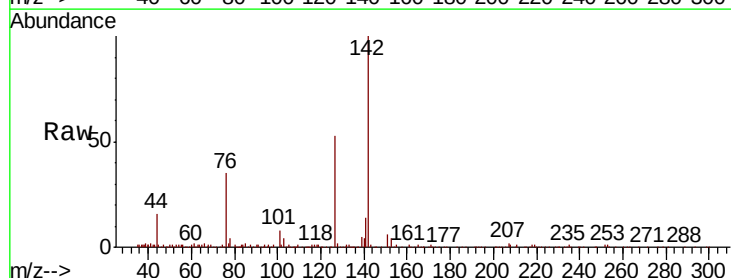
Tgt Ion:142 Resp: 306174

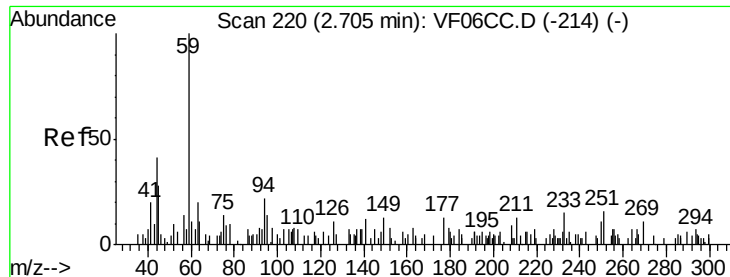
Ion Ratio Lower Upper

142 100

127 53.0 39.4 59.2

141 13.9 10.6 15.8



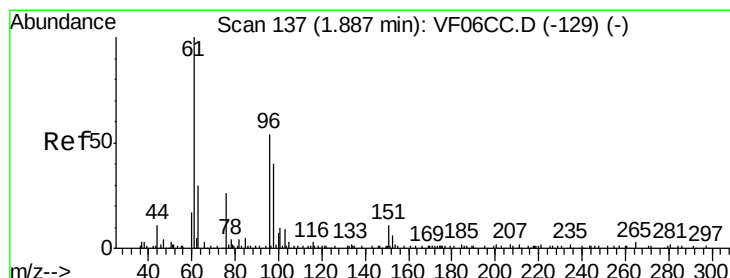
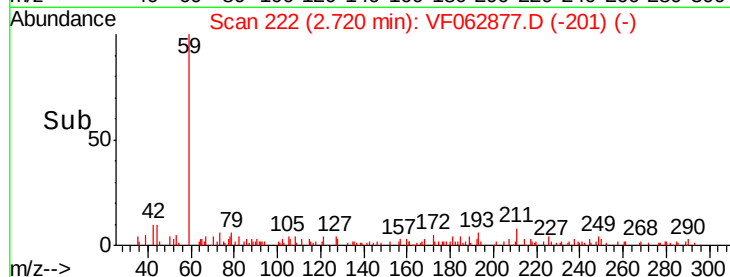
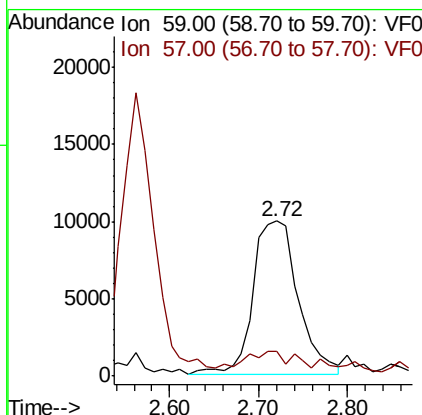
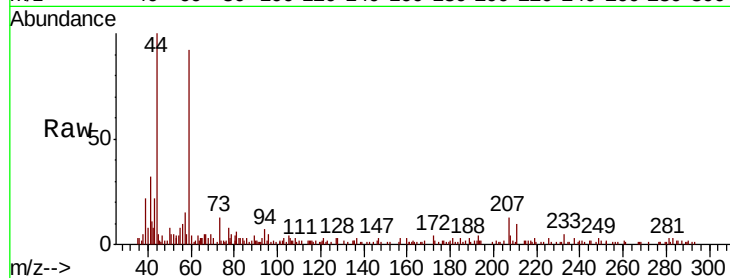


#11

Tert butyl alcohol
Concen: 98.947 ug/l
RT: 2.72 min Scan# 222
Delta R.T. 0.00 min
Lab File: VF062877.D
Acq: 6 Jun 2019 12:39

Instrument :
MSVOA_F
ClientSampleId :
VF0606SBS01

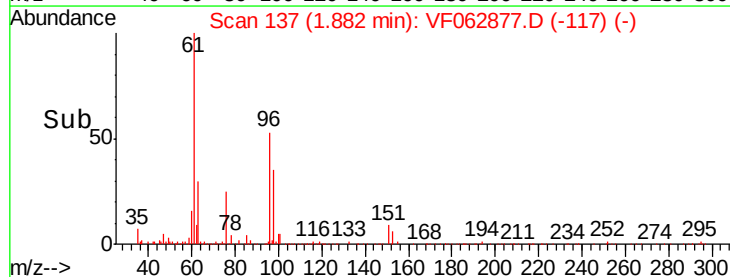
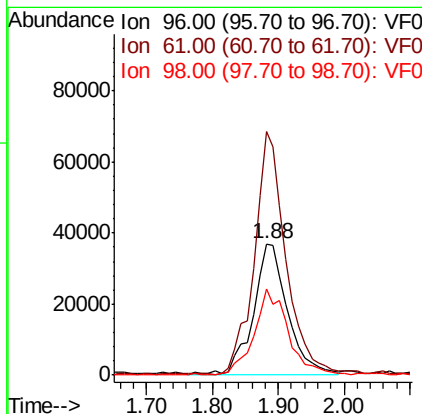
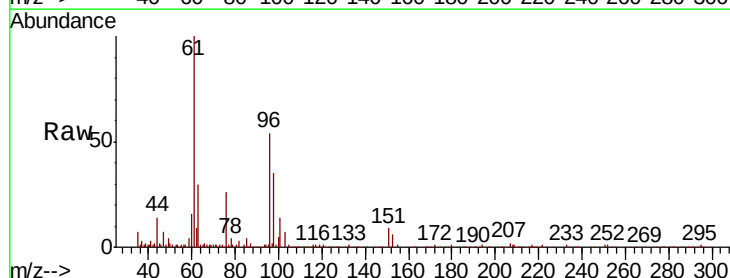
Tot Ion: 59 Resp: 35017
Ion Ratio Lower Upper
59 100
57 16.4 9.2 13.8#

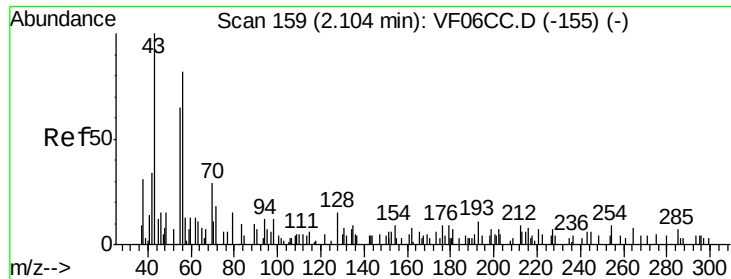


#12

1,1-Dichloroethene
Concen: 18.893 ug/l
RT: 1.88 min Scan# 137
Delta R.T. -0.01 min
Lab File: VF062877.D
Acq: 6 Jun 2019 12:39

Tgt Ion: 96 Resp: 132636
Ion Ratio Lower Upper
96 100
61 185.3 139.4 209.2
98 65.2 50.3 75.5

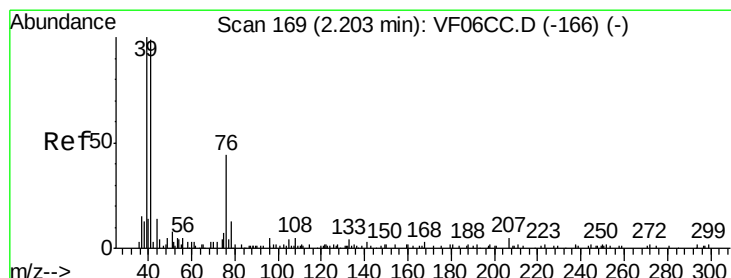
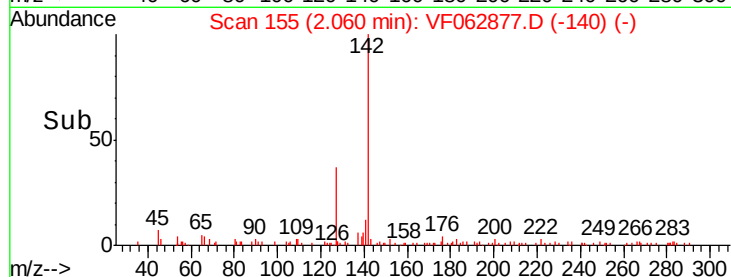
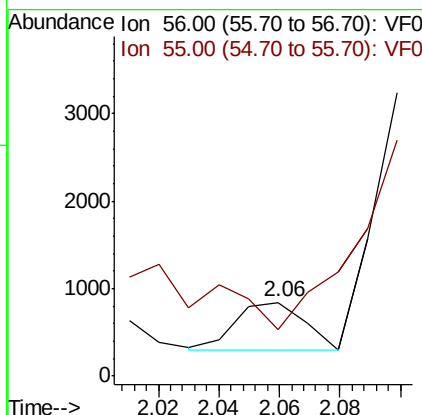
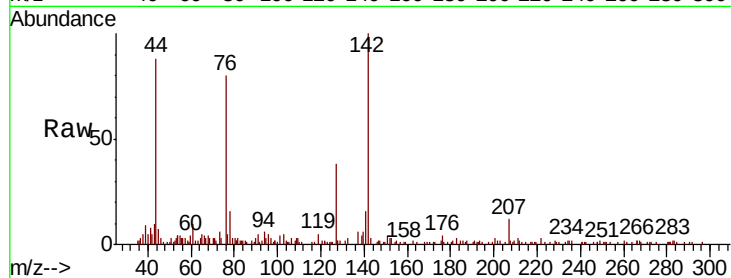




#13
Acrolein
Concen: Below Cal
RT: 2.06 min Scan# 155
Delta R.T. -0.06 min
Lab File: VF062877.D
Acq: 6 Jun 2019 12:39

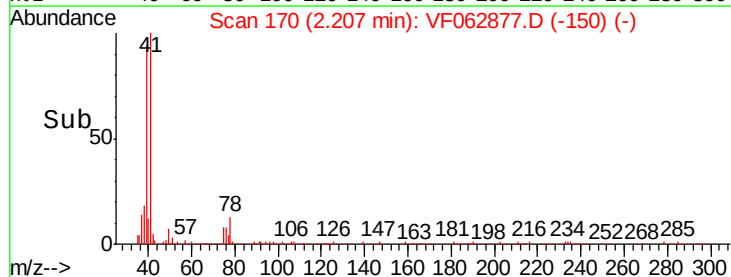
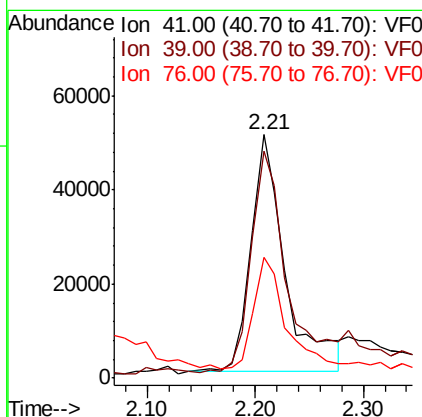
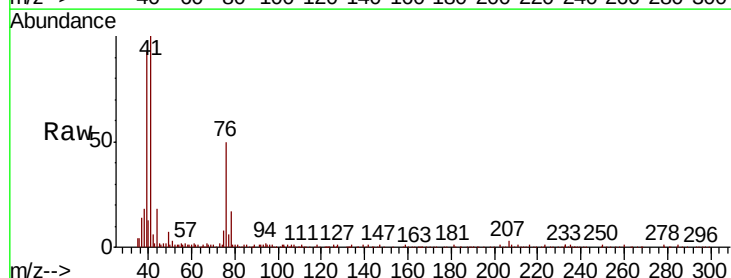
Instrument :
MSVOA_F
ClientSampleId :
VF0606SBS01

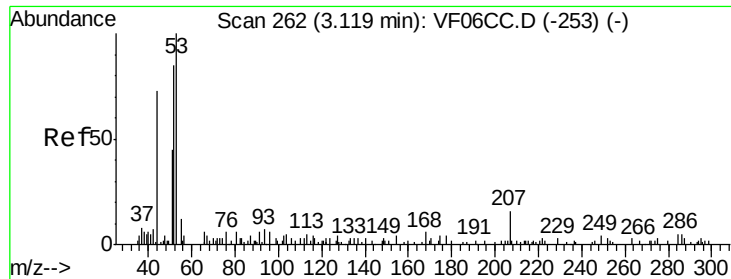
Tot Ion: 56 Resp: 850
Ion Ratio Lower Upper
56 100
55 63.0 52.9 79.3



#14
Allyl chloride
Concen: 20.247 ug/l
RT: 2.21 min Scan# 170
Delta R.T. -0.01 min
Lab File: VF062877.D
Acq: 6 Jun 2019 12:39

Tgt Ion: 41 Resp: 110275
Ion Ratio Lower Upper
41 100
39 93.0 71.9 107.9
76 49.6 39.6 59.4





#15

Acrylonitrile

Concen: 78.907 ug/l

RT: 3.09 min Scan# 260

Delta R.T. -0.02 min

Lab File: VF062877.D

Acq: 6 Jun 2019 12:39

Instrument :

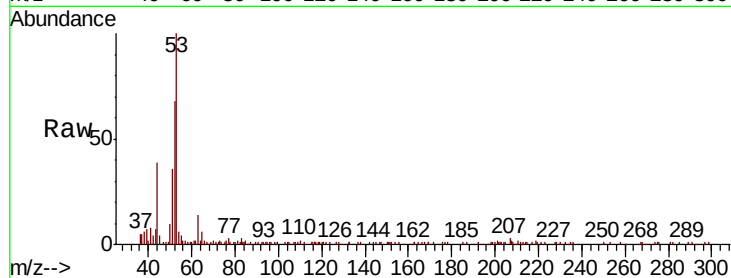
MSVOA_F

ClientSampleId :

VF0606SBS01

Tot Ion: 53 Resp: 104930

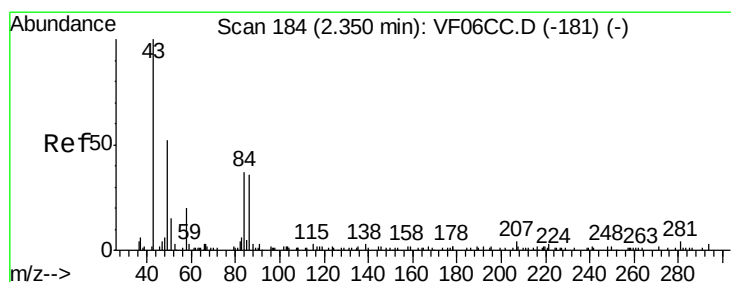
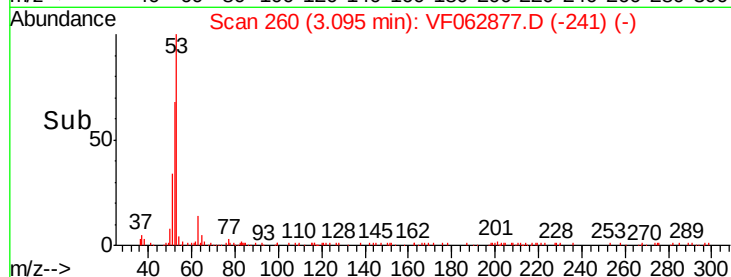
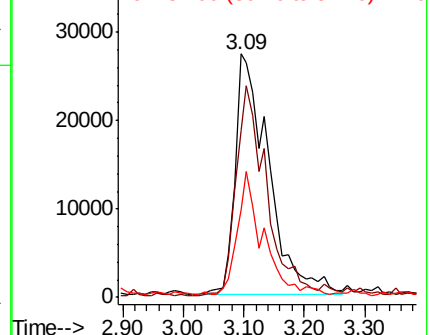
Ion	Ratio	Lower	Upper
53	100		
52	68.4	68.1	102.1
51	36.0	27.7	41.5



Abundance Ion 53.00 (52.70 to 53.70): VF0

Ion 52.00 (51.70 to 52.70): VF0

Ion 51.00 (50.70 to 51.70): VF0



#16

Acetone

Concen: 98.297 ug/l

RT: 2.37 min Scan# 186

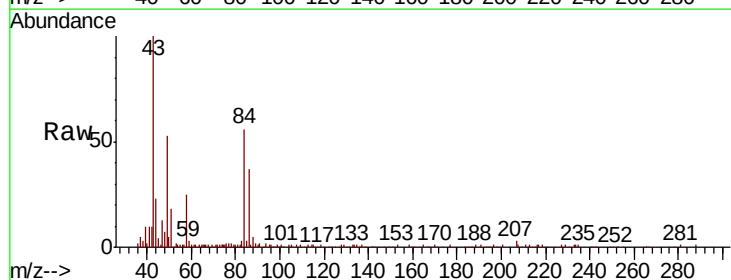
Delta R.T. 0.00 min

Lab File: VF062877.D

Acq: 6 Jun 2019 12:39

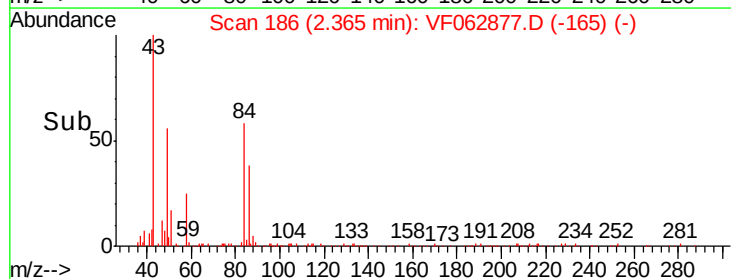
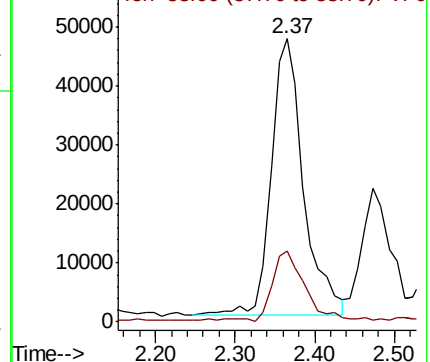
Tgt Ion: 43 Resp: 131431

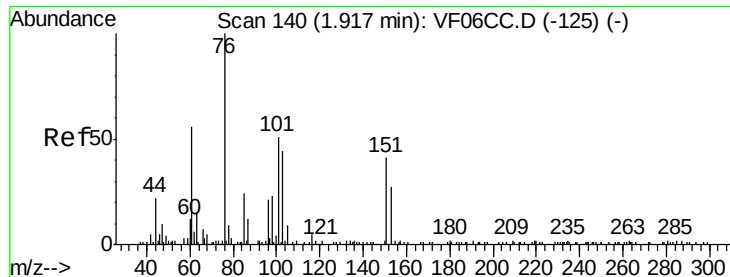
Ion	Ratio	Lower	Upper
43	100		
58	25.1	19.0	28.4



Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 58.00 (57.70 to 58.70): VF0





#17

Carbon Disulfide

Concen: 19.196 ug/l

RT: 1.93 min Scan# 142

Delta R.T. 0.00 min

Lab File: VF062877.D

Acq: 6 Jun 2019 12:39

Instrument :

MSVOA_F

ClientSampleId :

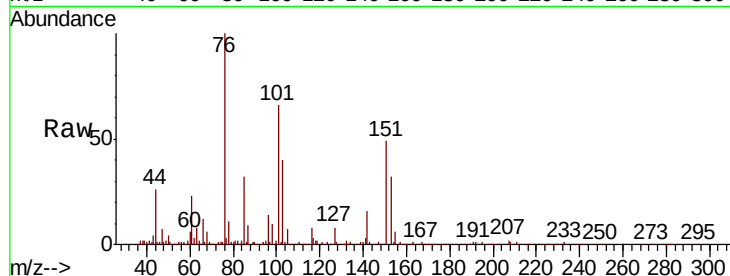
VF0606SBS01

Tot Ion: 76 Resp: 393889

Ion Ratio Lower Upper

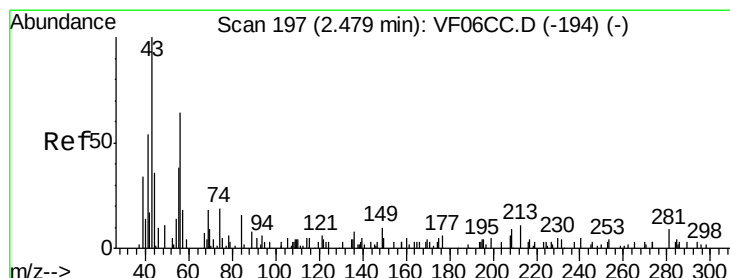
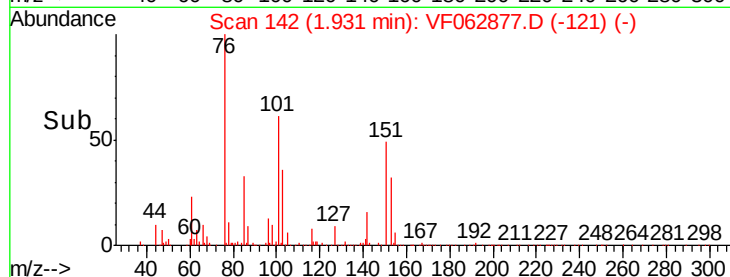
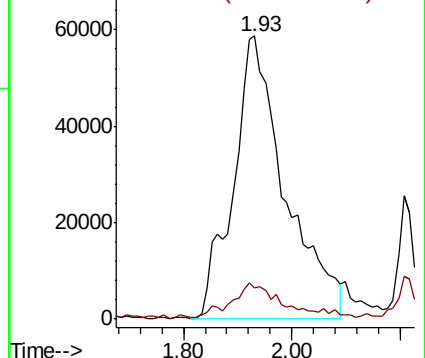
76 100

78 11.0 9.4 14.2



Abundance Ion 76.00 (75.70 to 76.70): VF0

Ion 78.00 (77.70 to 78.70): VF0



#18

Methyl Acetate

Concen: 20.669 ug/l

RT: 2.47 min Scan# 197

Delta R.T. -0.01 min

Lab File: VF062877.D

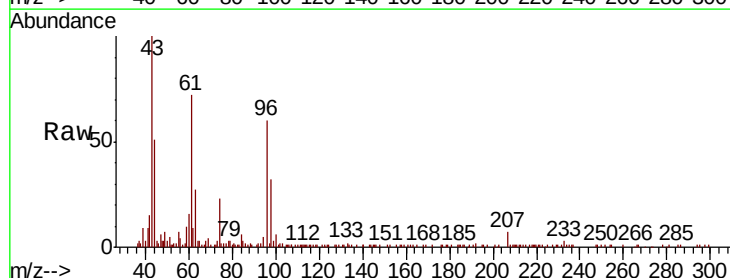
Acq: 6 Jun 2019 12:39

Tgt Ion: 43 Resp: 48294

Ion Ratio Lower Upper

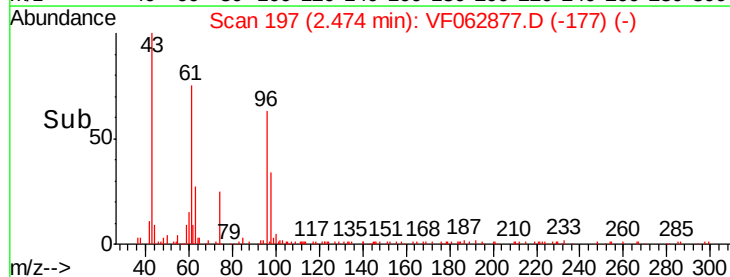
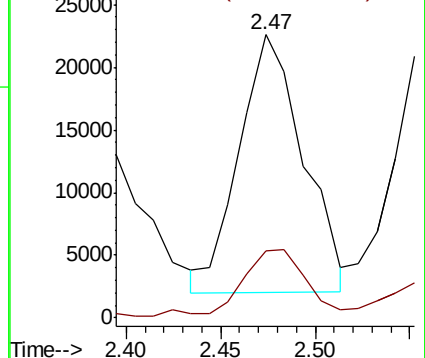
43 100

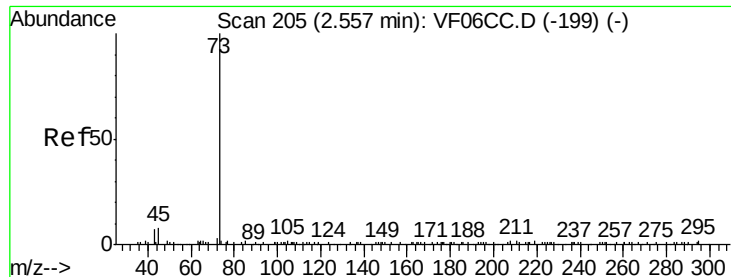
74 23.5 22.1 33.1



Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 74.00 (73.70 to 74.70): VF0



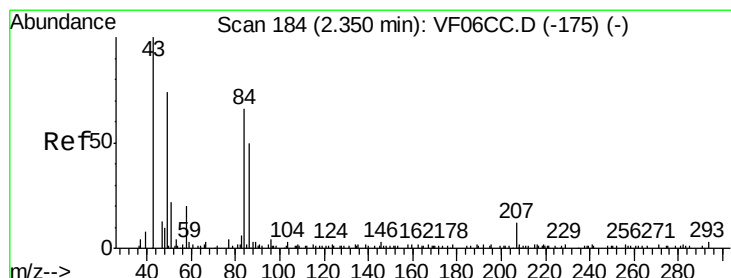
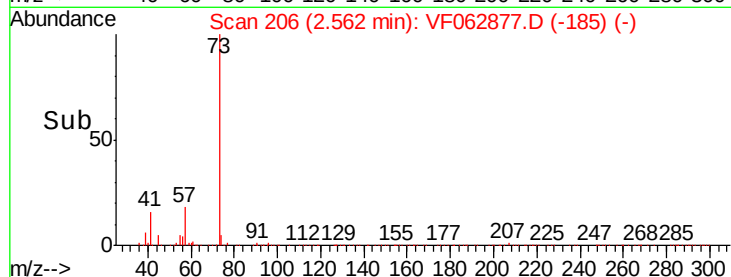
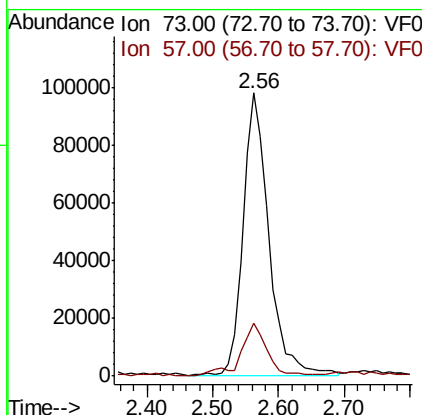
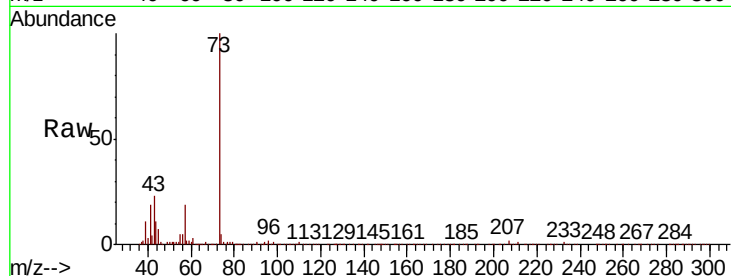


#19

Methyl tert-butyl Ether
 Concen: 20.964 ug/l
 RT: 2.56 min Scan# 206
 Delta R.T. 0.00 min
 Lab File: VF062877.D
 Acq: 6 Jun 2019 12:39

Instrument :
 MSVOA_F
 ClientSampleId :
 VF0606SBS01

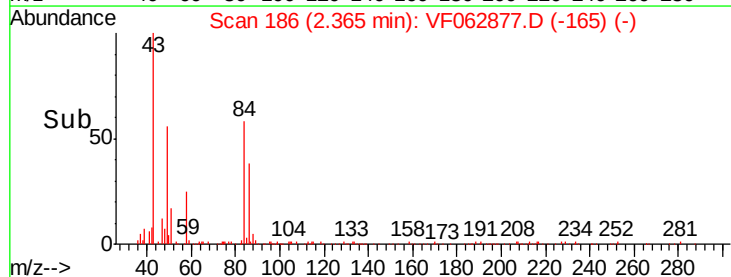
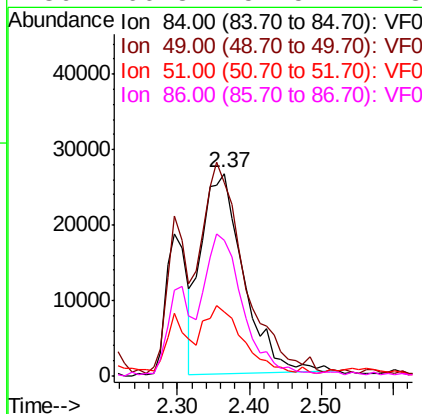
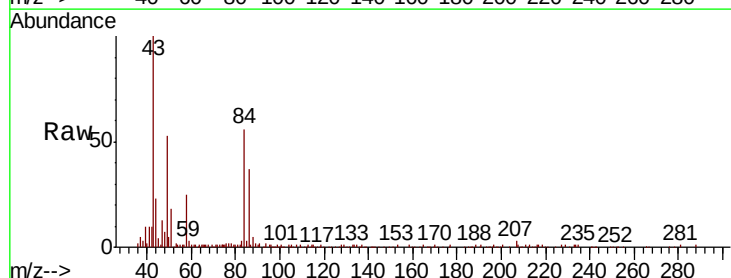
Tot Ion: 73 Resp: 266639
 Ion Ratio Lower Upper
 73 100
 57 18.7 15.1 22.7

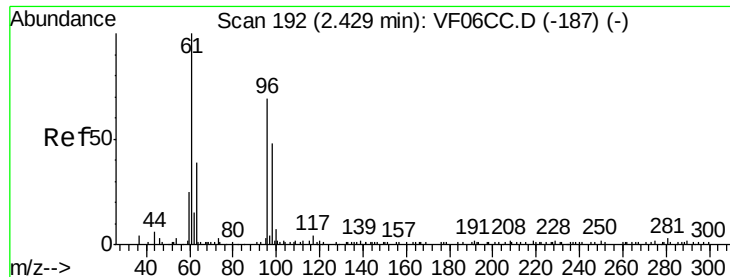


#20

Methylene Chloride
 Concen: 13.918 ug/l
 RT: 2.37 min Scan# 186
 Delta R.T. 0.00 min
 Lab File: VF062877.D
 Acq: 6 Jun 2019 12:39

Tgt Ion: 84 Resp: 107620
 Ion Ratio Lower Upper
 84 100
 49 95.8 82.6 123.8
 51 31.4 25.0 37.4
 86 66.8 51.5 77.3





#21

trans-1,2-Dichloroethene

Concen: 21.058 ug/l

RT: 2.43 min Scan# 193

Delta R.T. -0.01 min

Lab File: VF062877.D

Acq: 6 Jun 2019 12:39

Instrument :

MSVOA_F

ClientSampleId :

VF0606SBS01

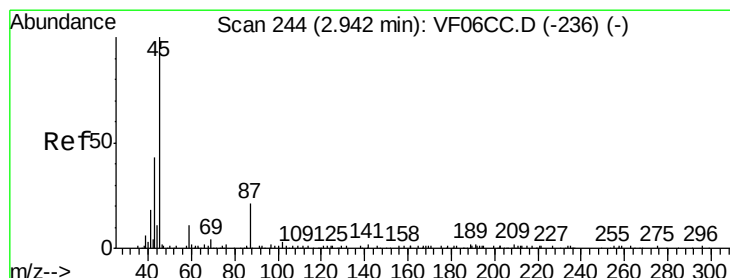
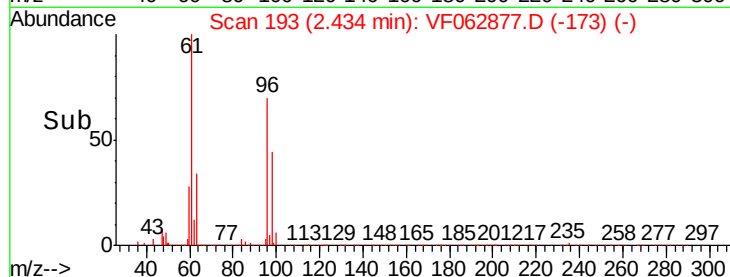
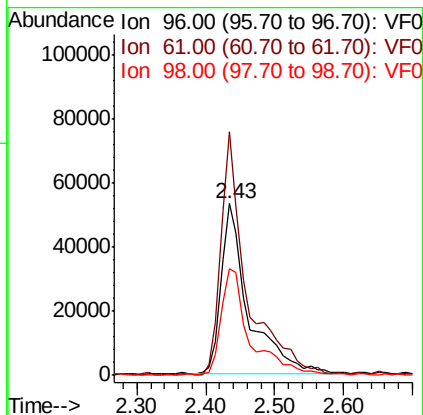
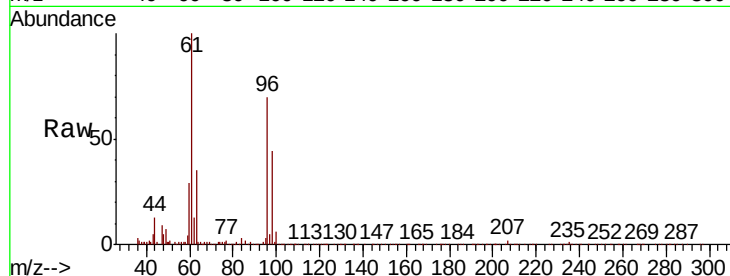
Tot Ion: 96 Resp: 148227

Ion Ratio Lower Upper

96 100

61 142.0 105.0 157.6

98 62.3 51.1 76.7



#22

Diisopropyl ether

Concen: 19.420 ug/l

RT: 2.96 min Scan# 246

Delta R.T. 0.00 min

Lab File: VF062877.D

Acq: 6 Jun 2019 12:39

Tgt Ion: 45 Resp: 300504

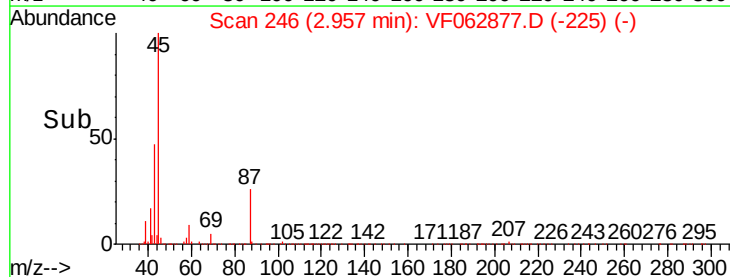
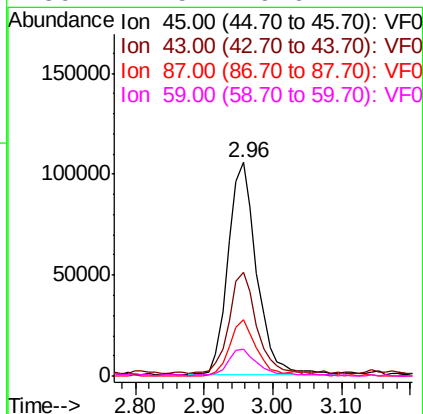
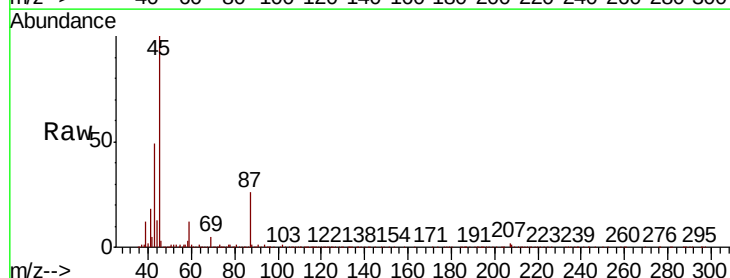
Ion Ratio Lower Upper

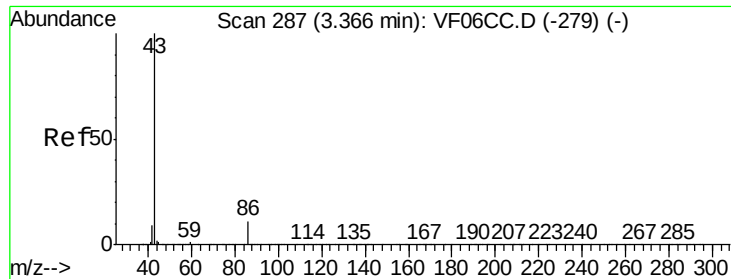
45 100

43 48.7 34.3 51.5

87 26.4 19.0 28.4

59 12.5 9.6 14.4

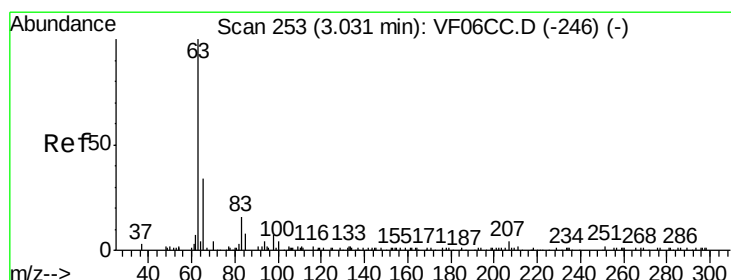
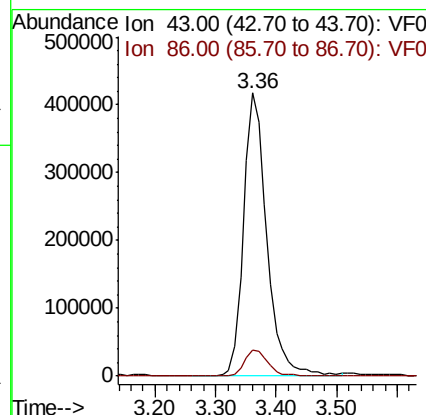
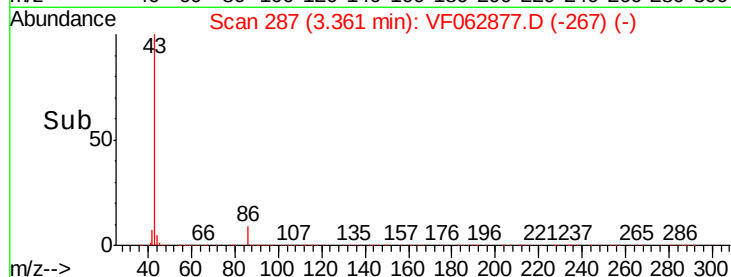
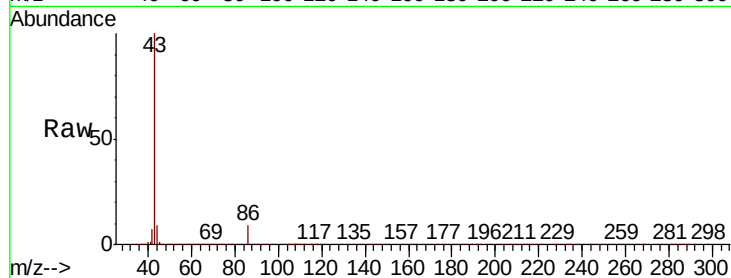




#23
 Vinyl Acetate
 Concen: 104.650 ug/l
 RT: 3.36 min Scan# 287
 Delta R.T. -0.01 min
 Lab File: VF062877.D
 Acq: 6 Jun 2019 12:39

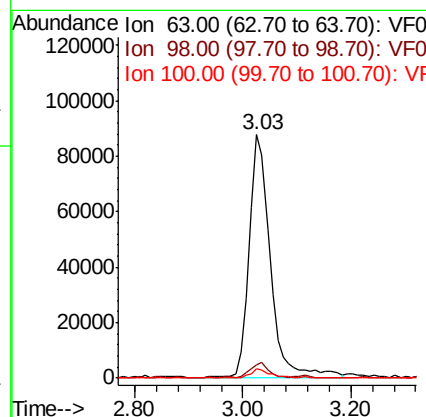
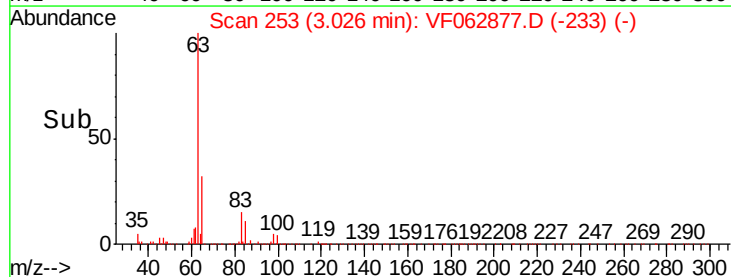
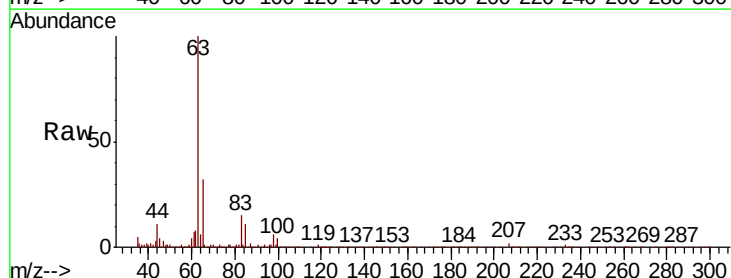
Instrument :
 MSVOA_F
 ClientSampleId :
 VF0606SBS01

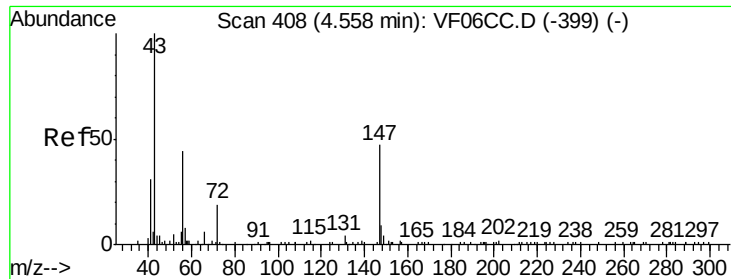
Tot Ion: 43 Resp: 1108602
 Ion Ratio Lower Upper
 43 100
 86 9.1 8.2 12.2



#24
 1,1-Dichloroethane
 Concen: 20.860 ug/l
 RT: 3.03 min Scan# 253
 Delta R.T. -0.01 min
 Lab File: VF062877.D
 Acq: 6 Jun 2019 12:39

Tgt Ion: 63 Resp: 241000
 Ion Ratio Lower Upper
 63 100
 98 5.6 2.4 7.1
 100 3.6 1.5 4.5





#25

2-Butanone

Concen: 101.261 ug/l

RT: 4.55 min Scan# 408

Delta R.T. 0.00 min

Lab File: VF062877.D

Acq: 6 Jun 2019 12:39

Instrument :

MSVOA_F

ClientSampleId :

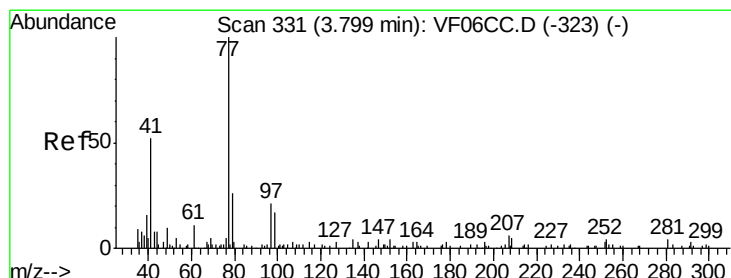
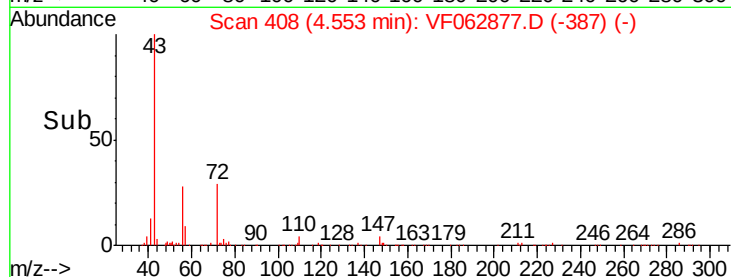
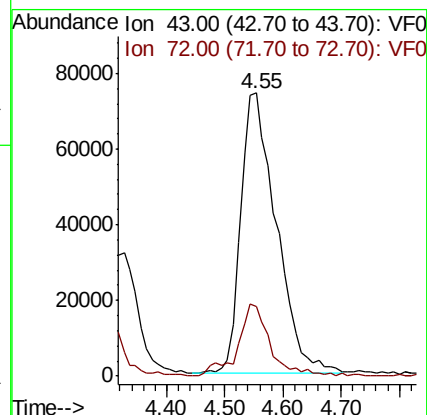
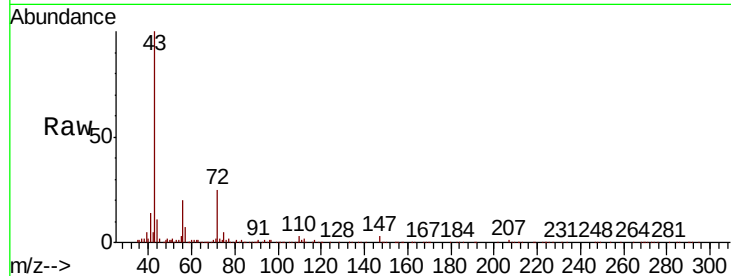
VF0606SBS01

Tot Ion: 43 Resp: 315304

Ion Ratio Lower Upper

43 100

72 24.5 21.4 32.0



#26

2,2-Dichloropropane

Concen: 20.292 ug/l

RT: 3.79 min Scan# 331

Delta R.T. -0.01 min

Lab File: VF062877.D

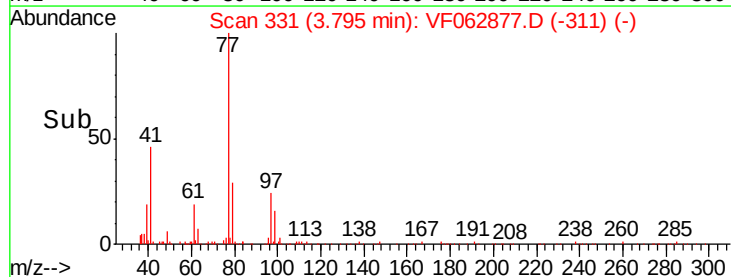
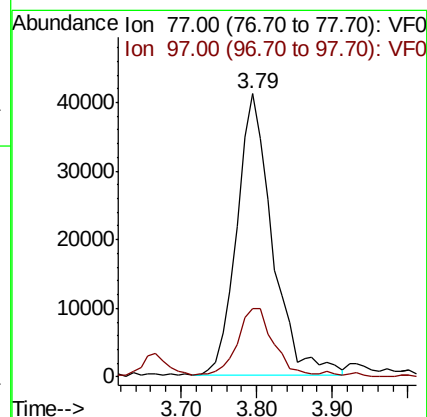
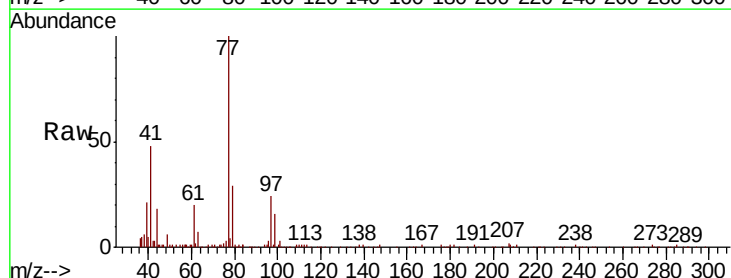
Acq: 6 Jun 2019 12:39

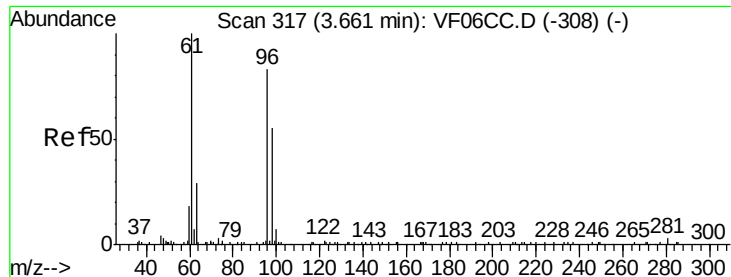
Tgt Ion: 77 Resp: 133116

Ion Ratio Lower Upper

77 100

97 24.0 12.4 37.4



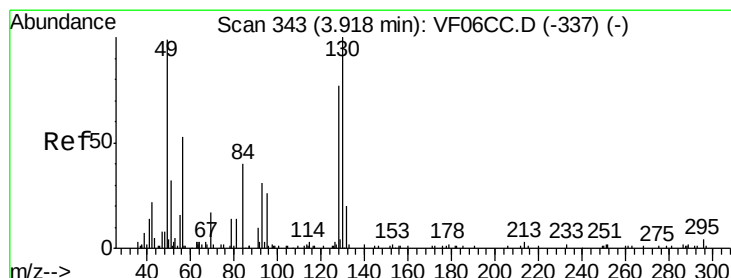
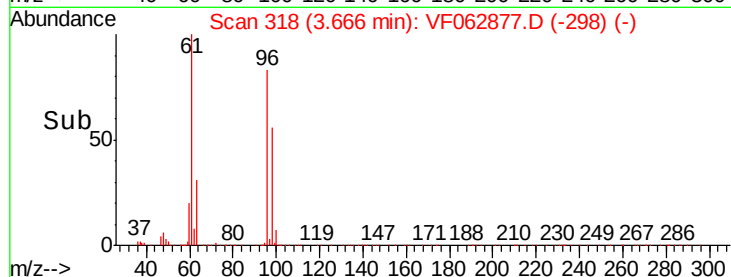
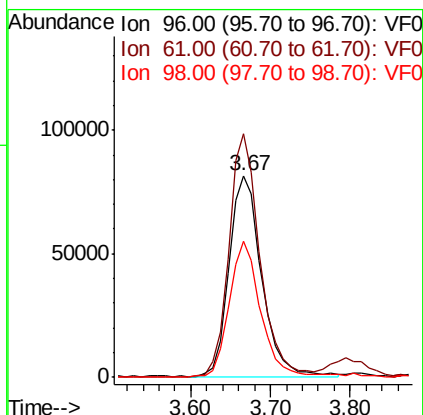
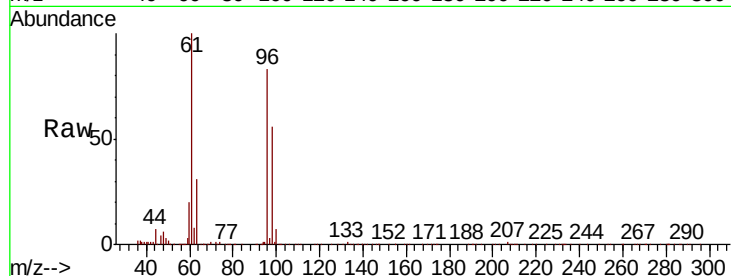


#27

cis-1,2-Dichloroethene
Concen: 19.600 ug/l
RT: 3.67 min Scan# 318
Delta R.T. -0.01 min
Lab File: VF062877.D
Acq: 6 Jun 2019 12:39

Instrument :
MSVOA_F
ClientSampleId :
VF0606SBS01

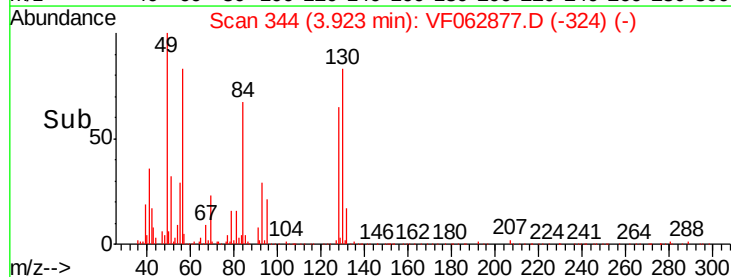
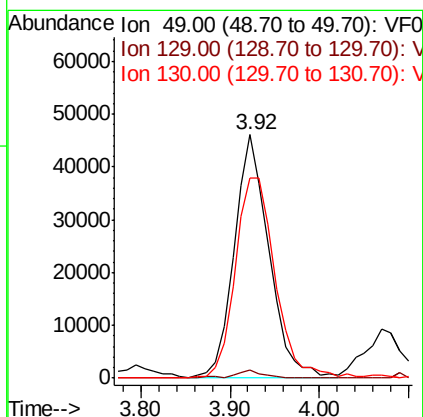
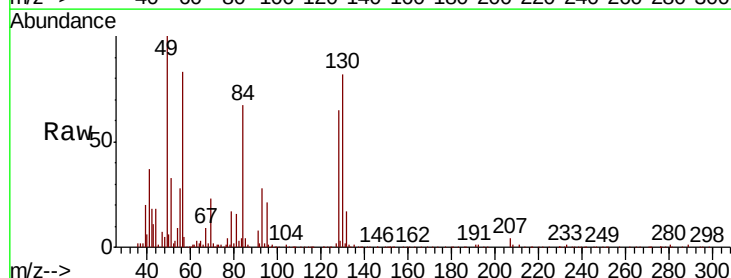
Tot Ion	Ratio	Lower	Upper
96	100		
61	120.8	0.0	213.8
98	67.3	0.0	127.0

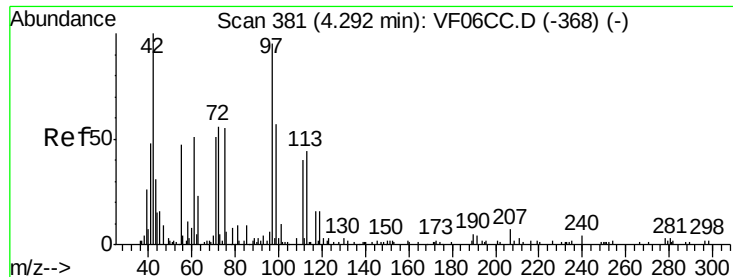


#28

Bromochloromethane
Concen: 19.728 ug/l
RT: 3.92 min Scan# 344
Delta R.T. -0.01 min
Lab File: VF062877.D
Acq: 6 Jun 2019 12:39

Tgt Ion	Ratio	Lower	Upper
49	100		
129	3.1	0.0	5.4
130	82.2	79.2	118.8

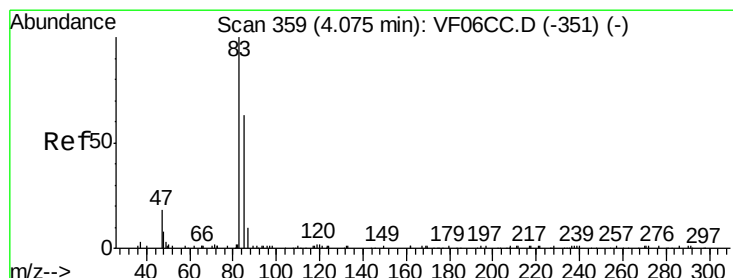
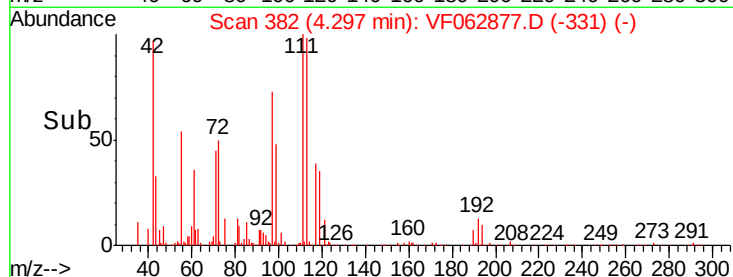
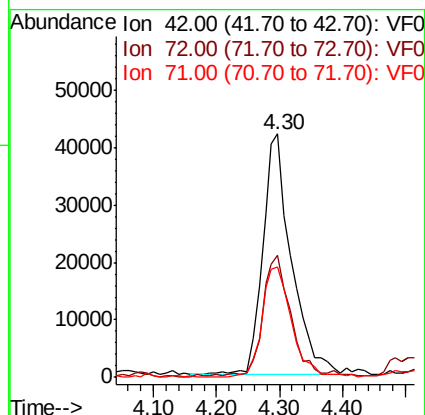
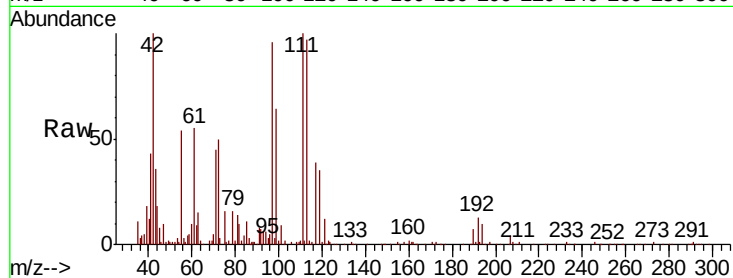




#29
Tetrahydrofuran
Concen: 111.028 ug/l
RT: 4.30 min Scan# 382
Delta R.T. 0.00 min
Lab File: VF062877.D
Acq: 6 Jun 2019 12:39

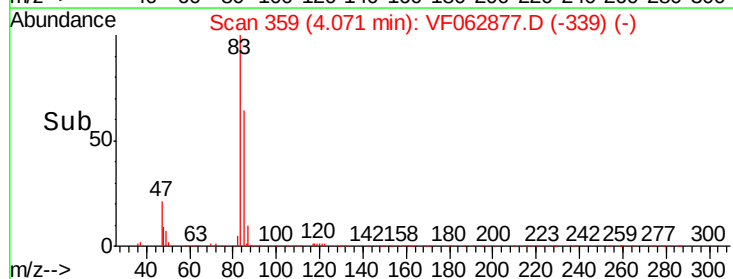
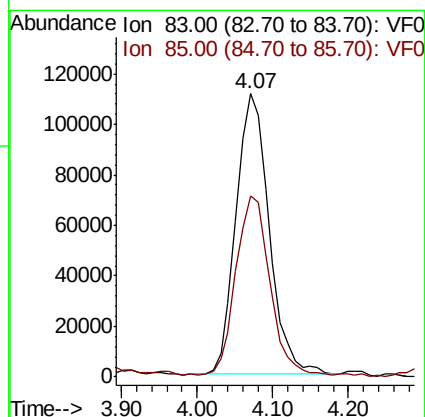
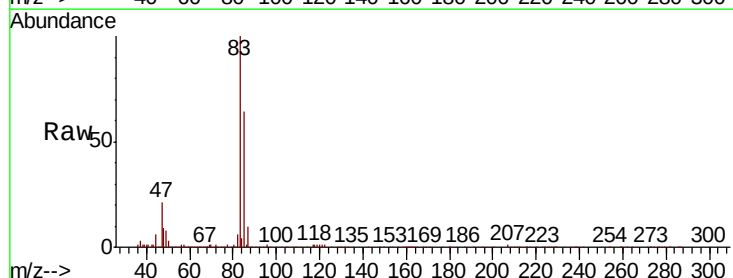
Instrument :
MSVOA_F
ClientSampleId :
VF0606SBS01

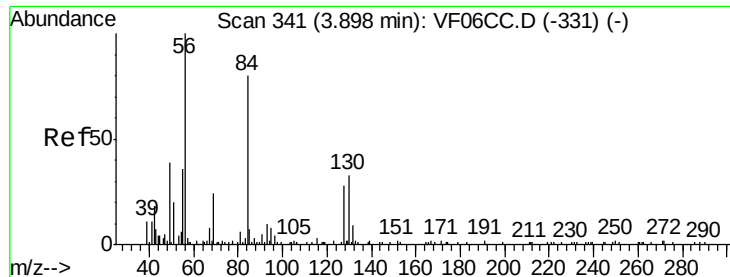
Tot Ion: 42 Resp: 132226
Ion Ratio Lower Upper
42 100
72 51.4 39.0 58.6
71 48.3 36.9 55.3



#30
Chloroform
Concen: 20.761 ug/l
RT: 4.07 min Scan# 359
Delta R.T. -0.01 min
Lab File: VF062877.D
Acq: 6 Jun 2019 12:39

Tgt Ion: 83 Resp: 338053
Ion Ratio Lower Upper
83 100
85 64.0 55.0 82.6

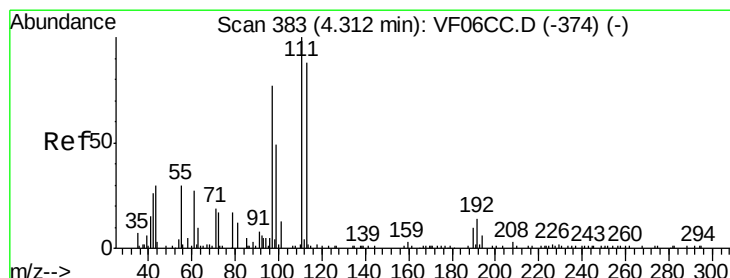
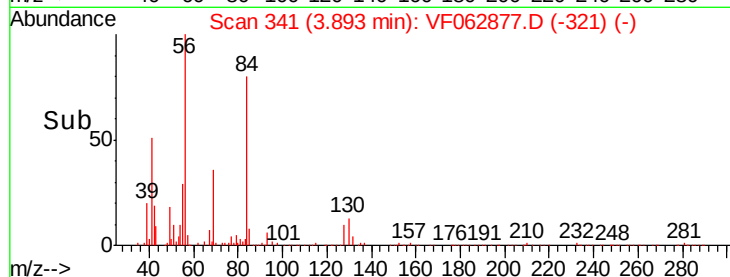
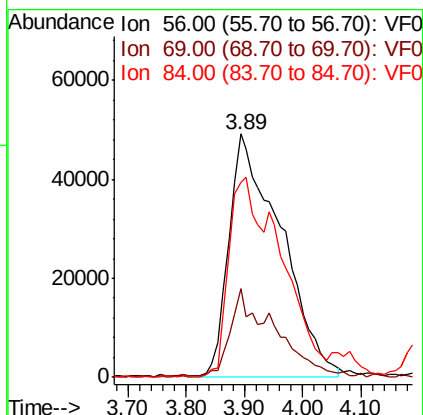
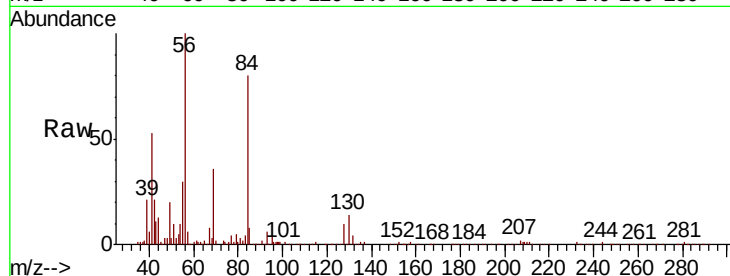




#31
Cyclohexane
Concen: 19.438 ug/l
RT: 3.89 min Scan# 341
Delta R.T. -0.01 min
Lab File: VF062877.D
Acq: 6 Jun 2019 12:39

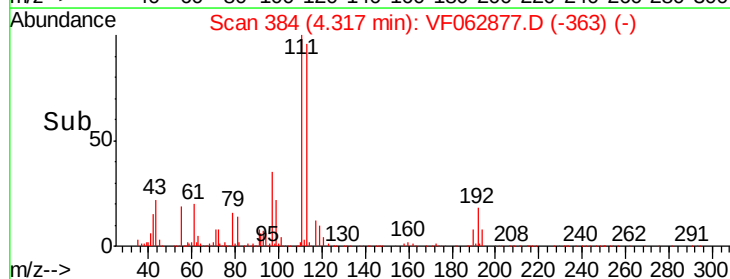
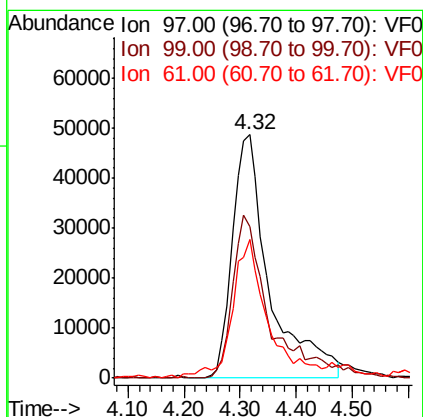
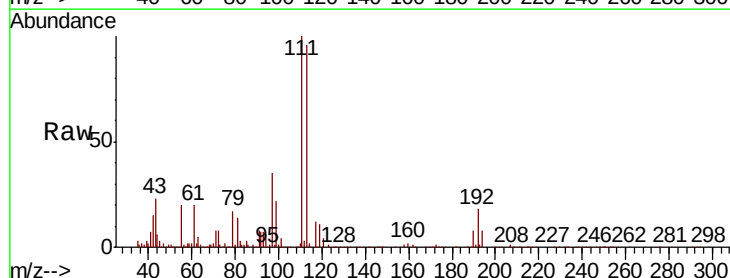
Instrument :
MSVOA_F
ClientSampleId :
VF0606SBS01

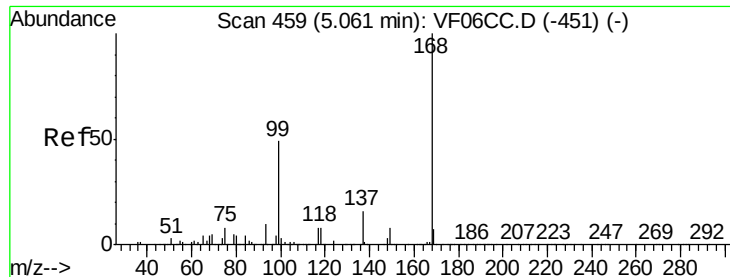
Tot Ion: 56 Resp: 304048
Ion Ratio Lower Upper
56 100
69 36.4 26.7 40.1
84 80.0 74.3 111.5



#32
1,1,1-Trichloroethane
Concen: 23.386 ug/l
RT: 4.32 min Scan# 384
Delta R.T. 0.00 min
Lab File: VF062877.D
Acq: 6 Jun 2019 12:39

Tgt Ion: 97 Resp: 221704
Ion Ratio Lower Upper
97 100
99 62.1 51.7 77.5
61 56.8 38.9 58.3





#33

1,2-Dichloroethane-d4

Concen: 48.089 ug/l

RT: 5.06 min Scan# 459

Delta R.T. 0.00 min

Lab File: VF062877.D

Acq: 6 Jun 2019 12:39

Instrument :

MSVOA_F

ClientSampleId :

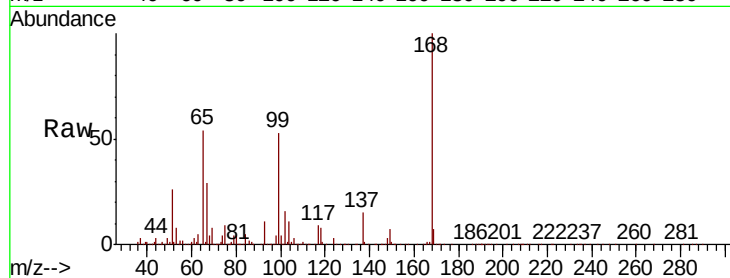
VF0606SBS01

Tot Ion: 65 Resp: 280930

Ion Ratio Lower Upper

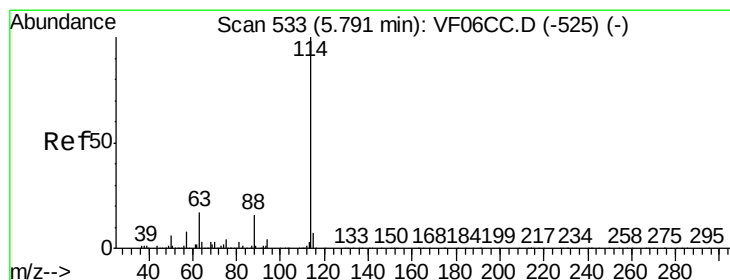
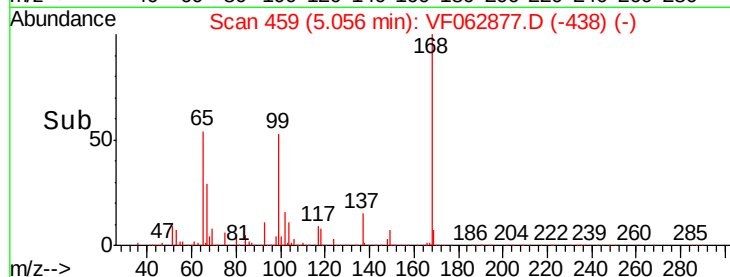
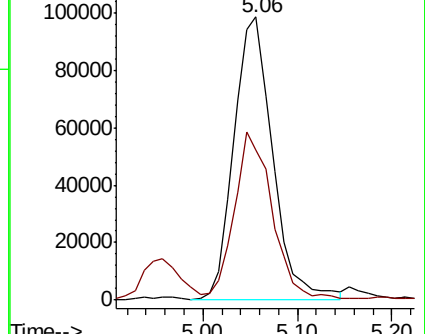
65 100

67 53.0 0.0 121.2



Abundance Ion 65.00 (64.70 to 65.70): VF0

Ion 67.00 (66.70 to 67.70): VF0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.80 min Scan# 534

Delta R.T. -0.01 min

Lab File: VF062877.D

Acq: 6 Jun 2019 12:39

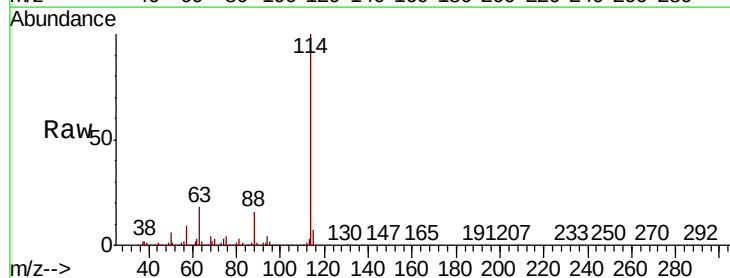
Tgt Ion:114 Resp: 1439461

Ion Ratio Lower Upper

114 100

63 18.0 0.0 34.2

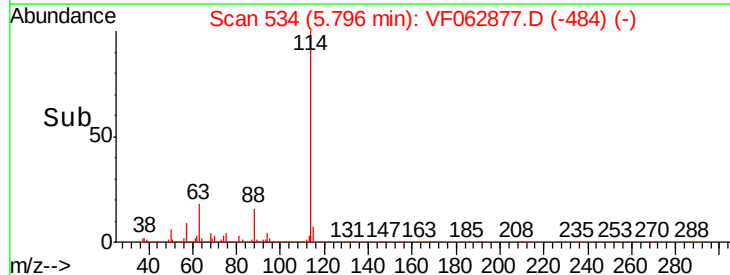
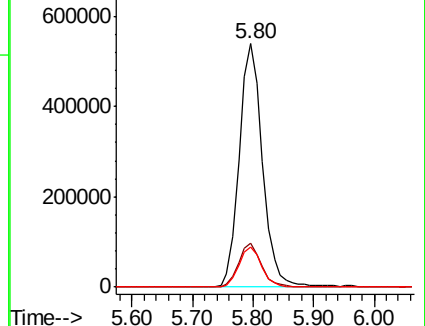
88 16.5 0.0 31.2

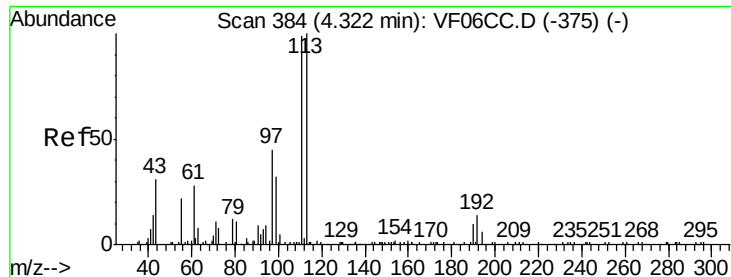


Abundance Ion 114.00 (113.70 to 114.70): V

Ion 63.00 (62.70 to 63.70): VF0

Ion 88.00 (87.70 to 88.70): VF0





#35

Dibromofluoromethane

Concen: 46.103 ug/l

RT: 4.33 min Scan# 385

Delta R.T. -0.01 min

Lab File: VF062877.D

Acq: 6 Jun 2019 12:39

Instrument :

MSVOA_F

ClientSampleId :

VF0606SBS01

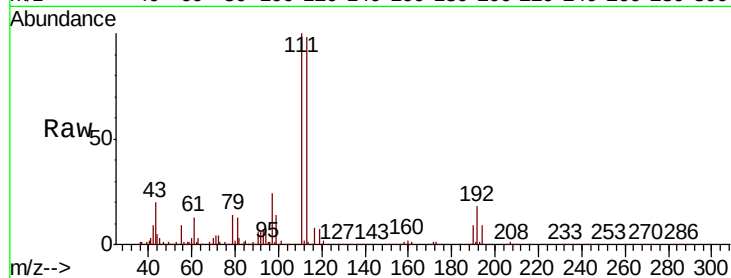
Tot Ion:113 Resp: 501472

Ion Ratio Lower Upper

113 100

111 101.6 81.9 122.9

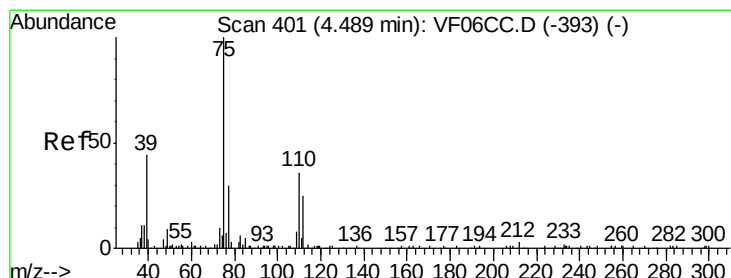
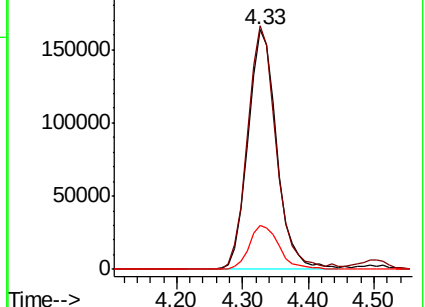
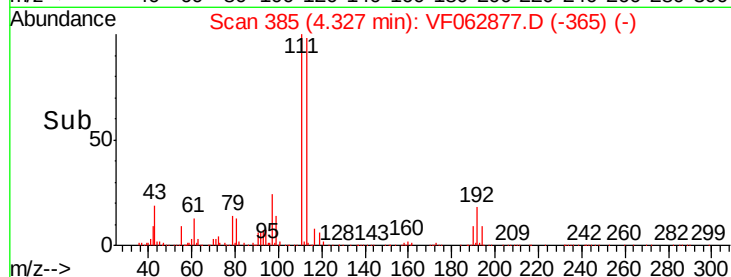
192 18.6 15.1 22.7



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



#36

1,1-Dichloropropene

Concen: 19.254 ug/l

RT: 4.49 min Scan# 402

Delta R.T. -0.01 min

Lab File: VF062877.D

Acq: 6 Jun 2019 12:39

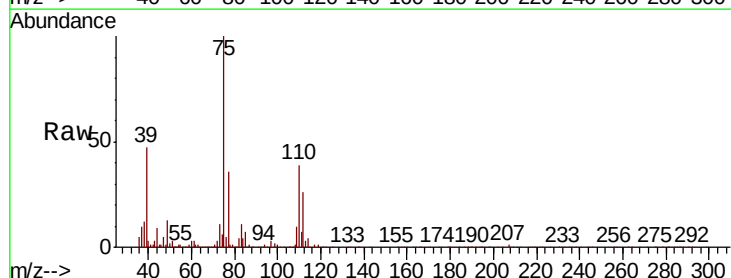
Tgt Ion: 75 Resp: 255146

Ion Ratio Lower Upper

75 100

110 38.9 19.4 58.1

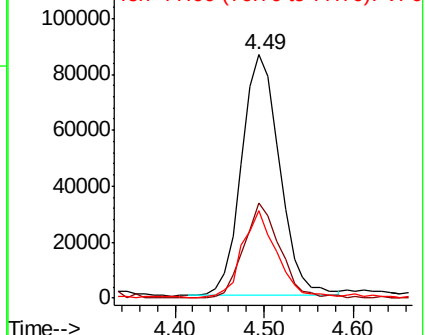
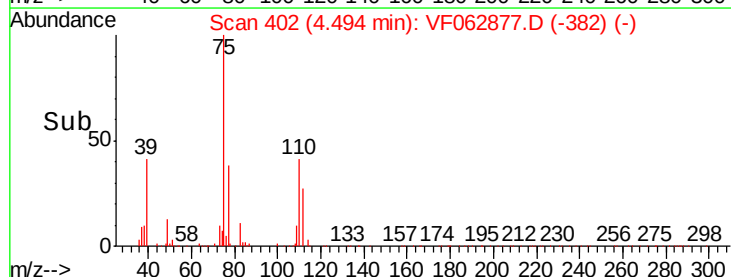
77 35.8 25.4 38.2

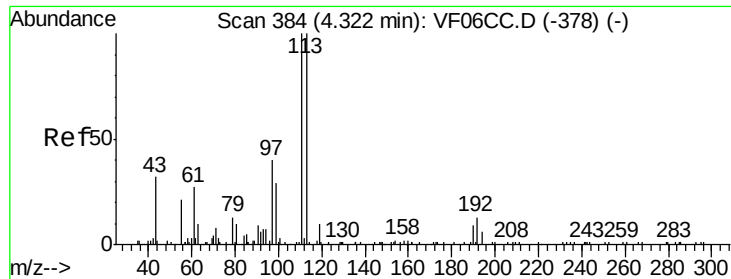


Abundance Ion 75.00 (74.70 to 75.70): VF0

Ion 110.00 (109.70 to 110.70): V

Ion 77.00 (76.70 to 77.70): VF0

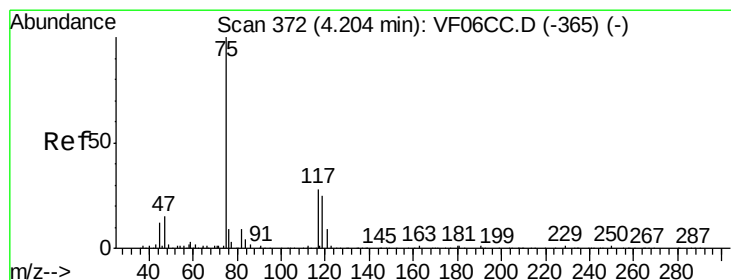
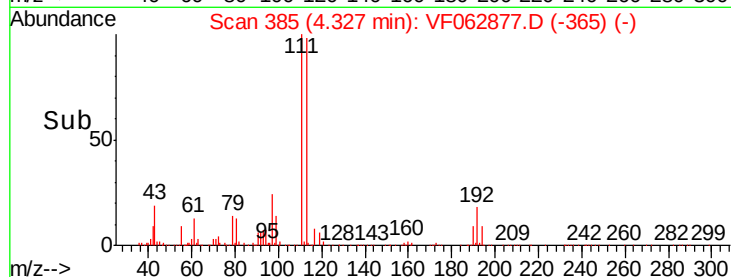
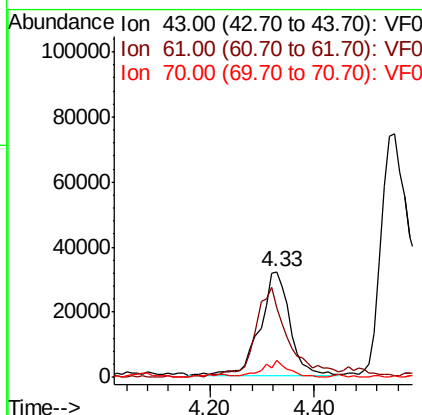
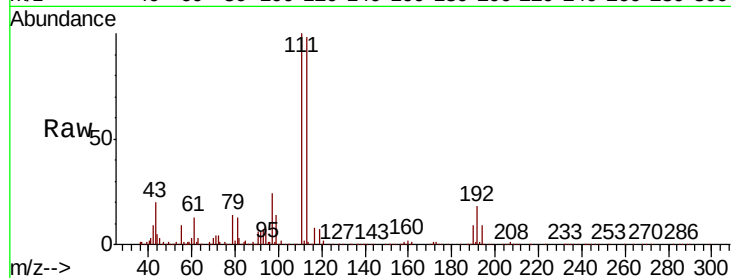




#37
Ethyl Acetate
Concen: 25.239 ug/l
RT: 4.33 min Scan# 385
Delta R.T. -0.01 min
Lab File: VF062877.D
Acq: 6 Jun 2019 12:39

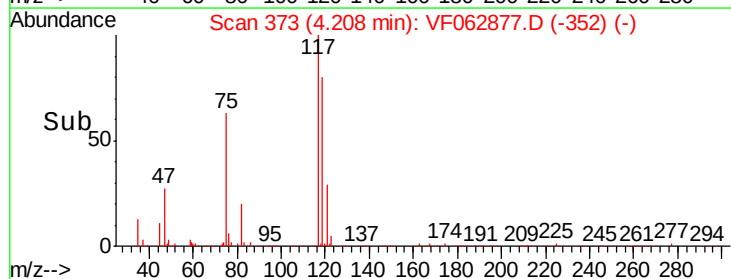
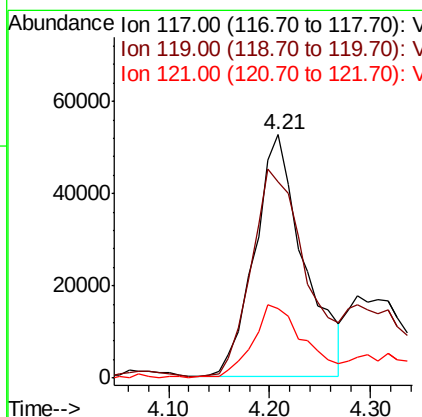
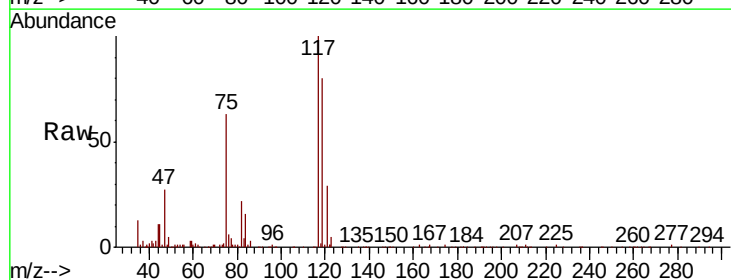
Instrument :
MSVOA_F
ClientSampleId :
VF0606SBS01

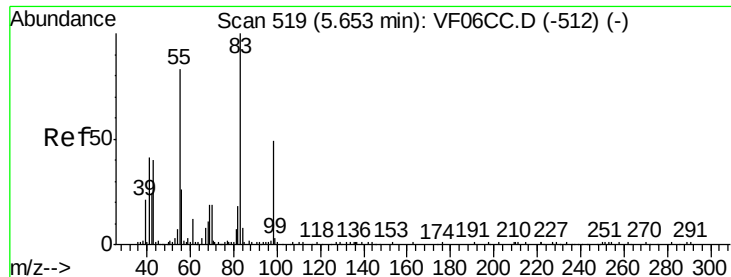
Tot Ion: 43 Resp: 127852
Ion Ratio Lower Upper
43 100
61 66.3 59.1 88.7
70 16.2 10.1 15.1#



#38
Carbon Tetrachloride
Concen: 19.810 ug/l
RT: 4.21 min Scan# 373
Delta R.T. 0.00 min
Lab File: VF062877.D
Acq: 6 Jun 2019 12:39

Tgt Ion: 117 Resp: 177415
Ion Ratio Lower Upper
117 100
119 80.4 78.2 117.2
121 28.6 28.2 42.2

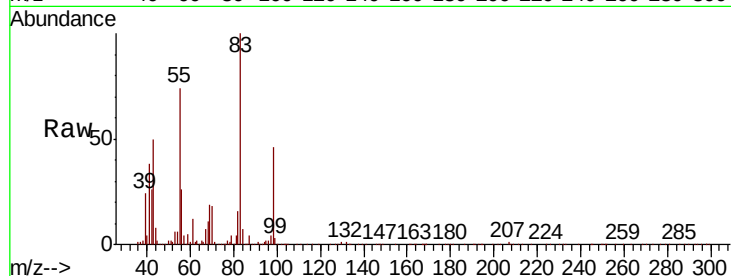




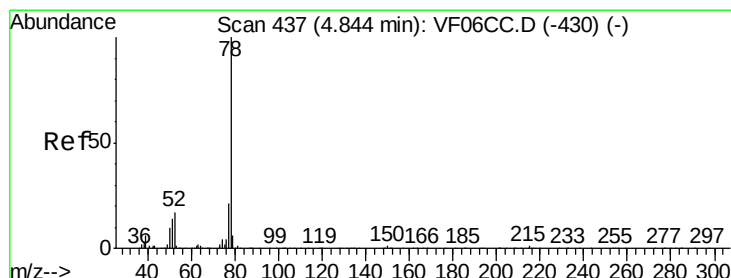
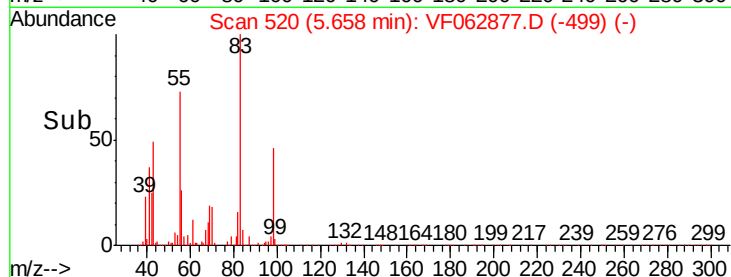
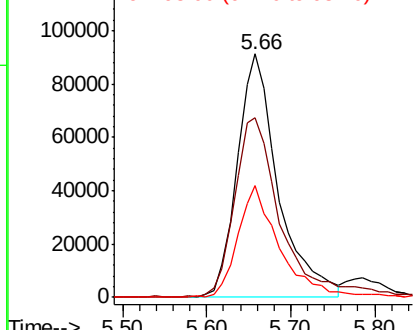
#39
Methylcyclohexane
Concen: 18.757 ug/l
RT: 5.66 min Scan# 520
Delta R.T. 0.00 min
Lab File: VF062877.D
Acq: 6 Jun 2019 12:39

Instrument :
MSVOA_F
ClientSampleId :
VF0606SBS01

Tot Ion: 83 Resp: 309348
Ion Ratio Lower Upper
83 100
55 73.7 61.6 92.4
98 46.0 37.4 56.2

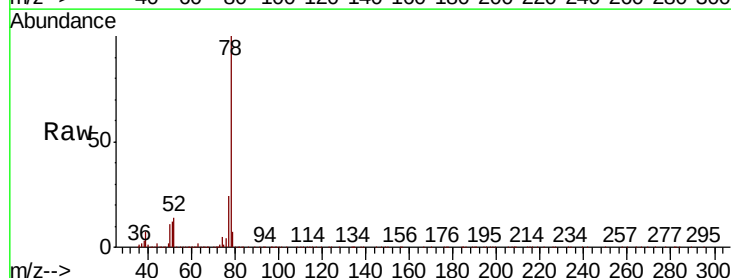


Abundance Ion 83.00 (82.70 to 83.70): VF0
Ion 55.00 (54.70 to 55.70): VF0
Ion 98.00 (97.70 to 98.70): VF0

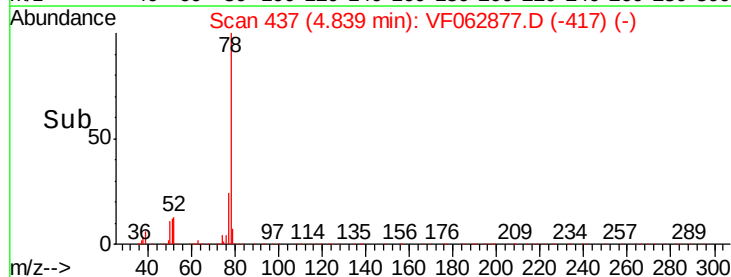
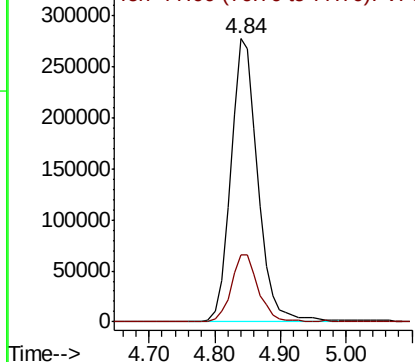


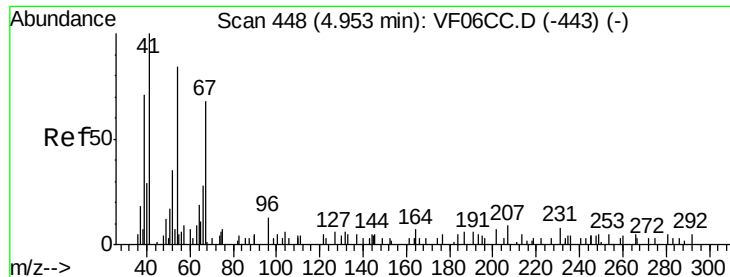
#40
Benzene
Concen: 20.597 ug/l
RT: 4.84 min Scan# 437
Delta R.T. -0.01 min
Lab File: VF062877.D
Acq: 6 Jun 2019 12:39

Tgt Ion: 78 Resp: 794366
Ion Ratio Lower Upper
78 100
77 23.9 18.9 28.3



Abundance Ion 78.10 (77.80 to 78.80): VF0
Ion 77.00 (76.70 to 77.70): VF0

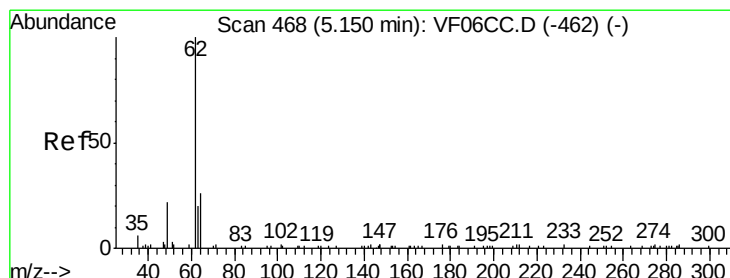
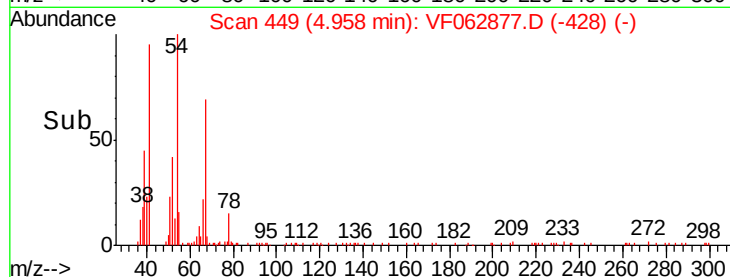
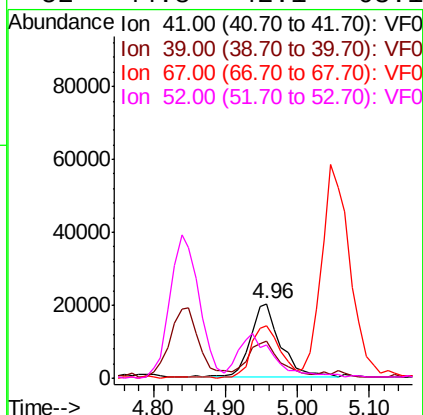
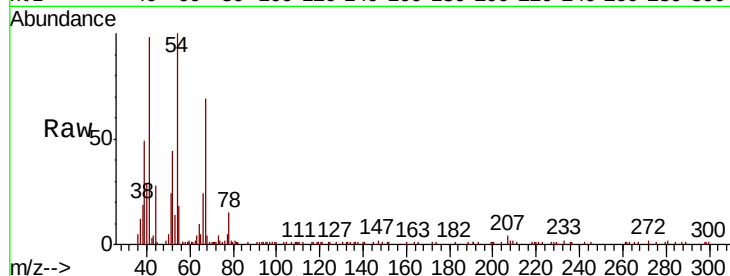




#41
Methacrylonitrile
Concen: 20.938 ug/l
RT: 4.96 min Scan# 449
Delta R.T. 0.00 min
Lab File: VF062877.D
Acq: 6 Jun 2019 12:39

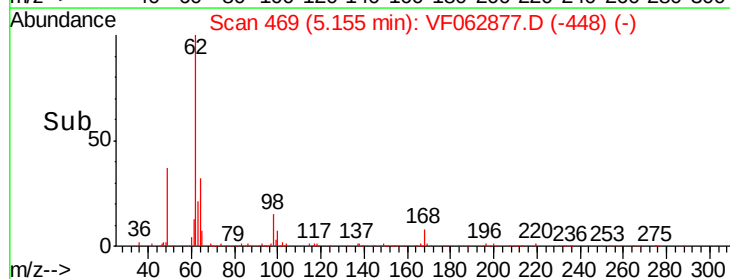
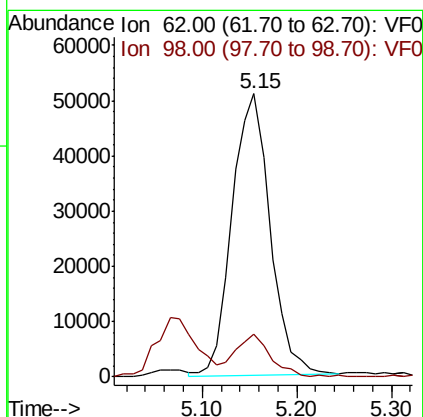
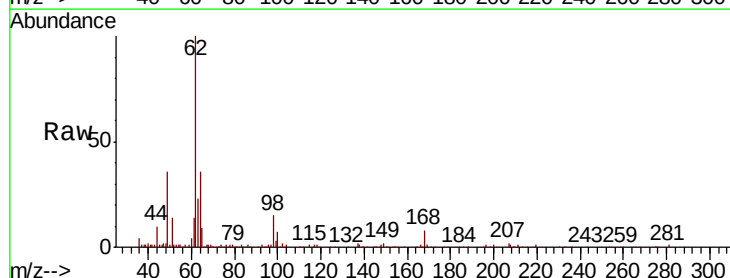
Instrument :
MSVOA_F
ClientSampleId :
VF0606SBS01

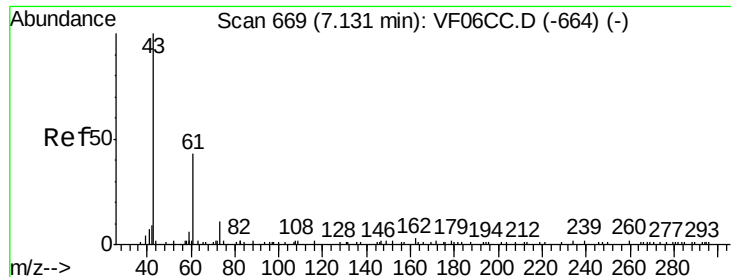
Tot Ion:	41	Resp:	58962
Ion	Ratio	Lower	Upper
41	100		
39	50.2	42.0	63.0
67	70.8	61.4	92.0
52	44.8	42.1	63.1



#42
1,2-Dichloroethane
Concen: 19.250 ug/l
RT: 5.15 min Scan# 469
Delta R.T. 0.00 min
Lab File: VF062877.D
Acq: 6 Jun 2019 12:39

Tgt Ion:	62	Resp:	141201
Ion	Ratio	Lower	Upper
62	100		
98	15.1	0.0	24.0





#43

Isopropyl Acetate

Concen: 20.199 ug/l

RT: 7.14 min Scan# 670

Delta R.T. 0.00 min

Lab File: VF062877.D

Acq: 6 Jun 2019 12:39

Instrument :

MSVOA_F

ClientSampleId :

VF0606SBS01

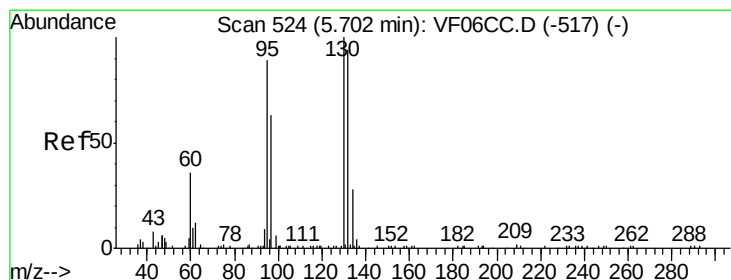
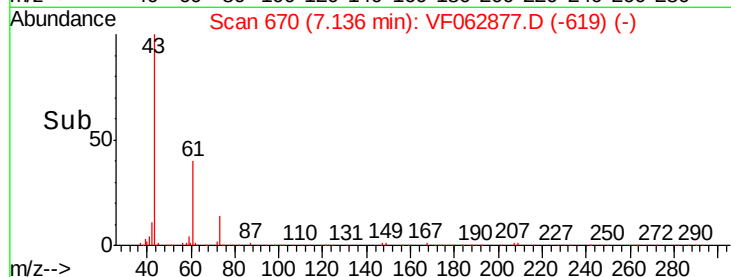
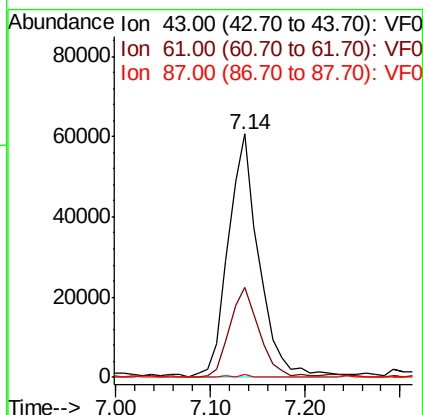
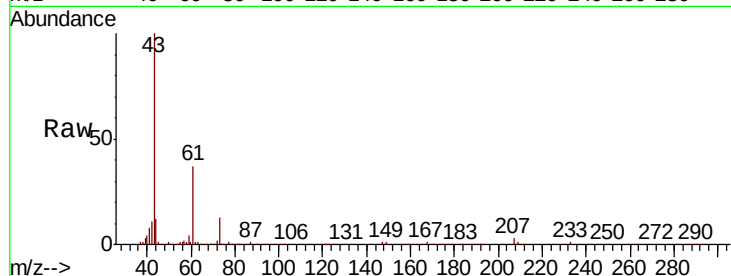
Tot Ion: 43 Resp: 135169

Ion Ratio Lower Upper

43 100

61 37.1 29.8 44.6

87 1.0 0.3 0.5#



#44

Trichloroethene

Concen: 20.148 ug/l

RT: 5.71 min Scan# 525

Delta R.T. 0.00 min

Lab File: VF062877.D

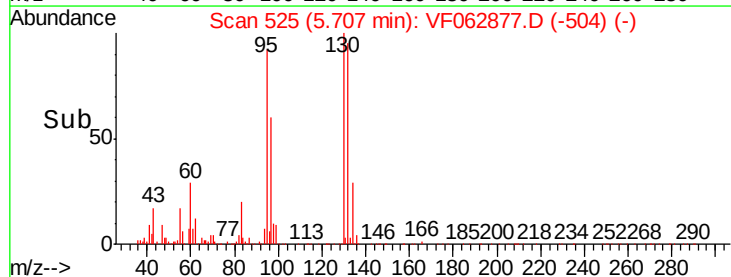
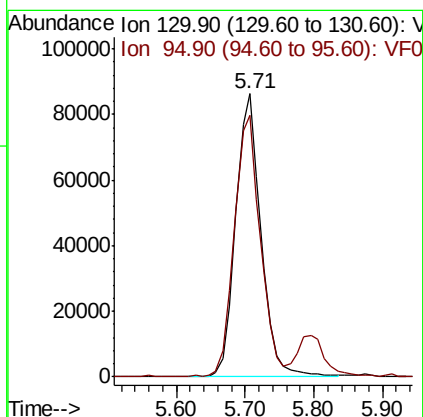
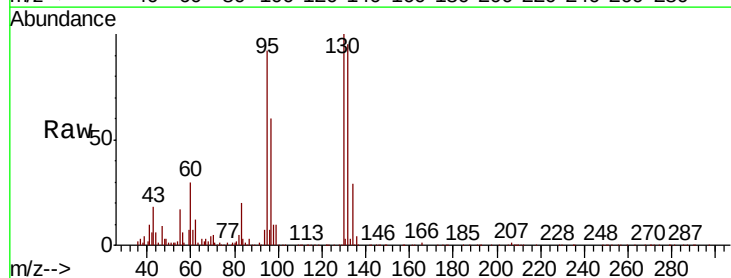
Acq: 6 Jun 2019 12:39

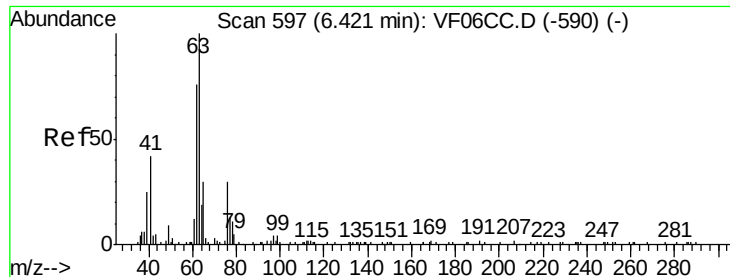
Tgt Ion: 130 Resp: 219301

Ion Ratio Lower Upper

130 100

95 92.4 0.0 188.2

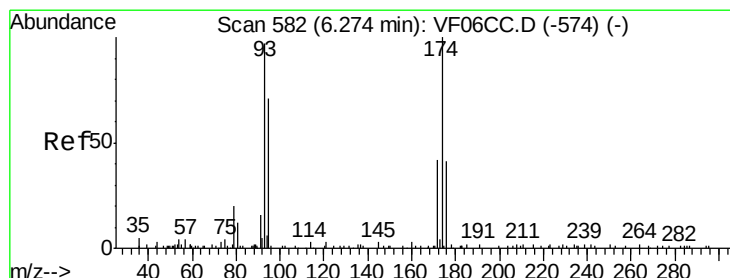
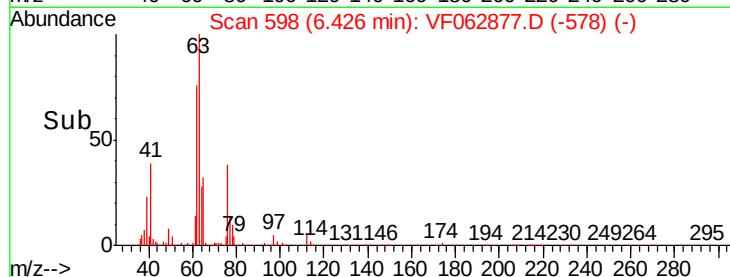
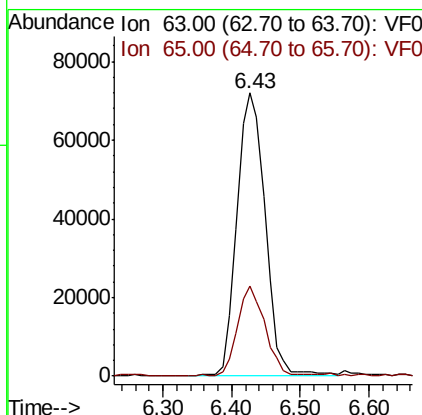
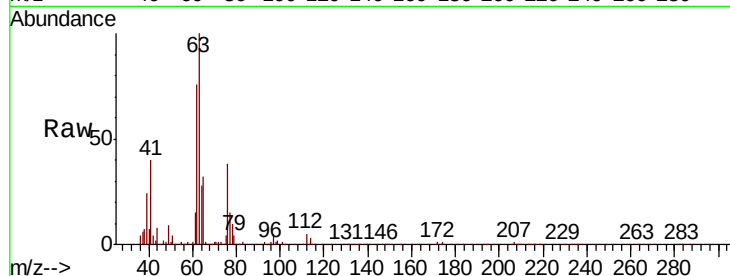




#45
 1,2-Dichloropropane
 Concen: 21.244 ug/l
 RT: 6.43 min Scan# 598
 Delta R.T. -0.01 min
 Lab File: VF062877.D
 Acq: 6 Jun 2019 12:39

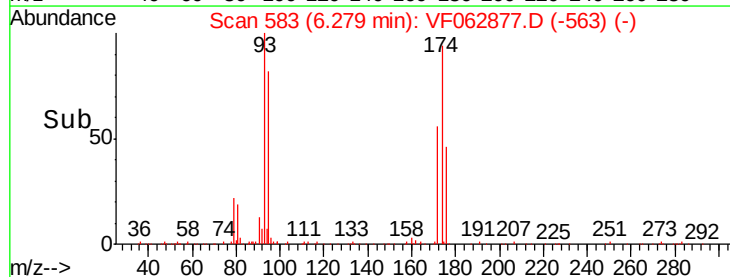
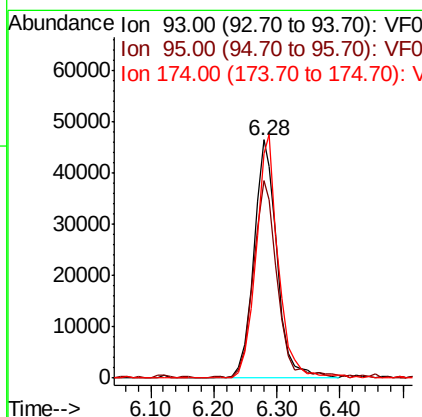
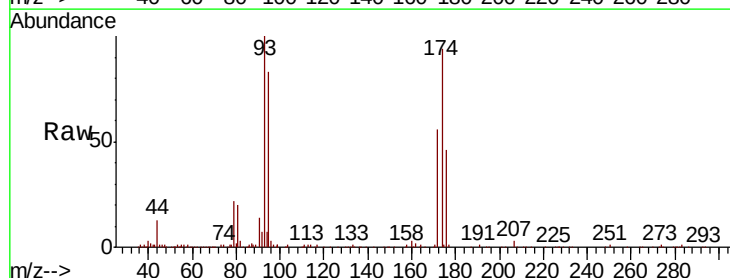
Instrument :
 MSVOA_F
 ClientSampleId :
 VF0606SBS01

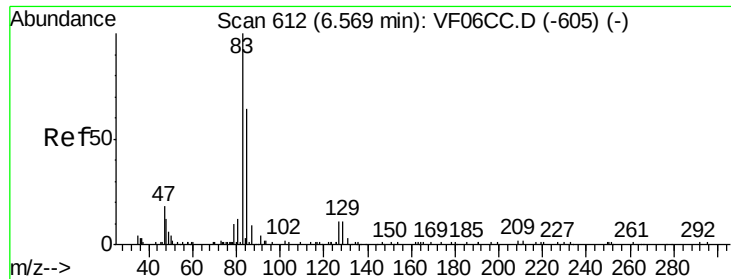
Tot Ion: 63 Resp: 205608
 Ion Ratio Lower Upper
 63 100
 65 31.8 24.2 36.2



#46
 Dibromomethane
 Concen: 21.277 ug/l
 RT: 6.28 min Scan# 583
 Delta R.T. -0.01 min
 Lab File: VF062877.D
 Acq: 6 Jun 2019 12:39

Tgt Ion: 93 Resp: 120229
 Ion Ratio Lower Upper
 93 100
 95 83.1 67.9 101.9
 174 94.5 85.0 127.4





#47

Bromodichloromethane

Concen: 19.943 ug/l

RT: 6.57 min Scan# 613

Delta R.T. -0.01 min

Lab File: VF062877.D

Acq: 6 Jun 2019 12:39

Instrument :

MSVOA_F

ClientSampleId :

VF0606SBS01

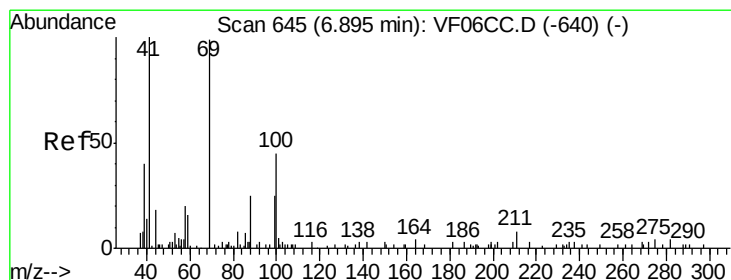
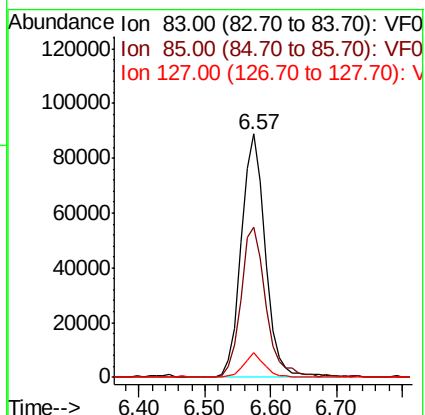
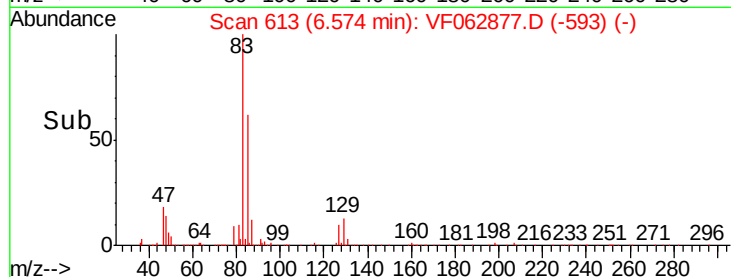
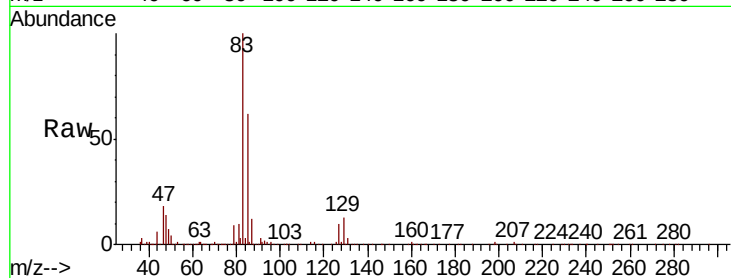
Tot Ion: 83 Resp: 229503

Ion Ratio Lower Upper

83 100

85 61.9 54.2 81.4

127 10.0 7.0 10.4



#48

Methyl methacrylate

Concen: 20.242 ug/l

RT: 6.90 min Scan# 646

Delta R.T. 0.00 min

Lab File: VF062877.D

Acq: 6 Jun 2019 12:39

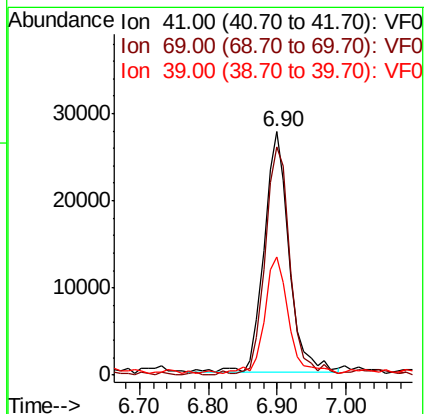
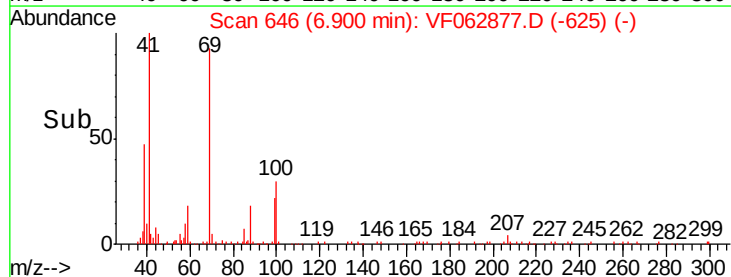
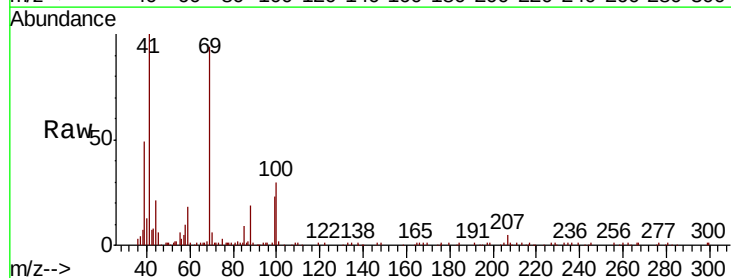
Tgt Ion: 41 Resp: 69808

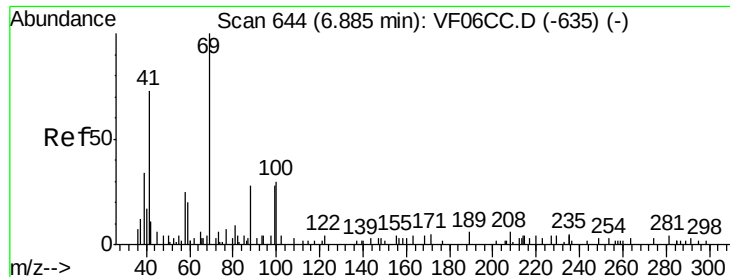
Ion Ratio Lower Upper

41 100

69 93.6 79.4 119.2

39 48.7 39.8 59.6





#49

1,4-Dioxane

Concen: 390.036 ug/l

RT: 6.90 min Scan# 646

Delta R.T. 0.01 min

Lab File: VF062877.D

Acq: 6 Jun 2019 12:39

Instrument :

MSVOA_F

ClientSampleId :

VF0606SBS01

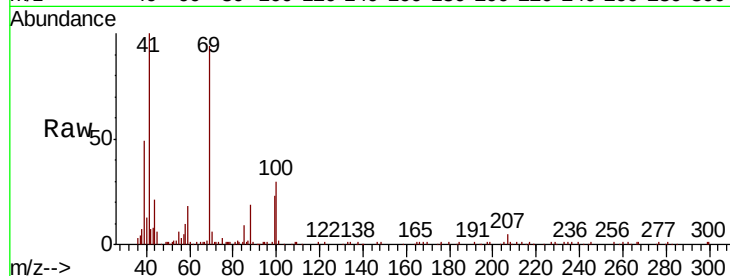
Tot Ion: 88 Resp: 17730

Ion Ratio Lower Upper

88 100

43 41.0 34.8 52.2

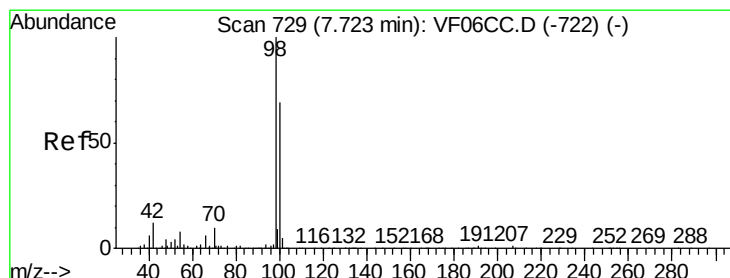
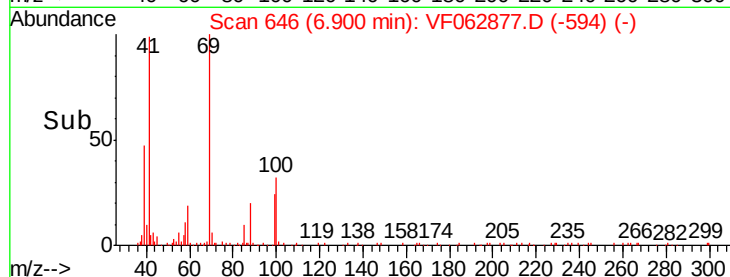
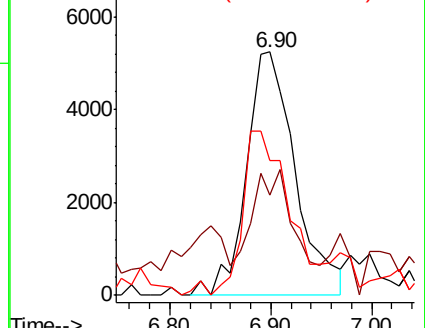
58 55.1 59.9 89.9#



Abundance Ion 88.00 (87.70 to 88.70): VF0

Ion 43.00 (42.70 to 43.70): VF0

Ion 58.00 (57.70 to 58.70): VF0



#50

Toluene-d8

Concen: 45.503 ug/l

RT: 7.73 min Scan# 730

Delta R.T. -0.01 min

Lab File: VF062877.D

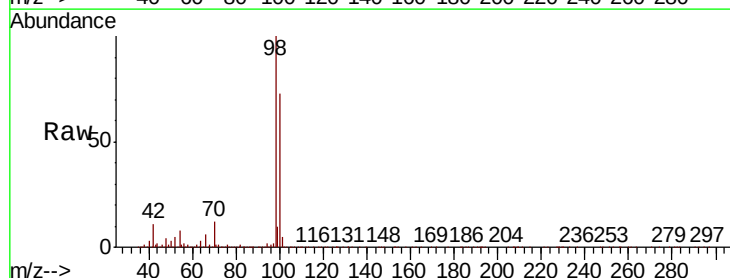
Acq: 6 Jun 2019 12:39

Tgt Ion: 98 Resp: 1251613

Ion Ratio Lower Upper

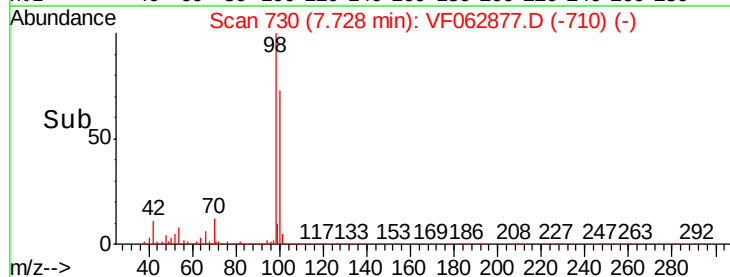
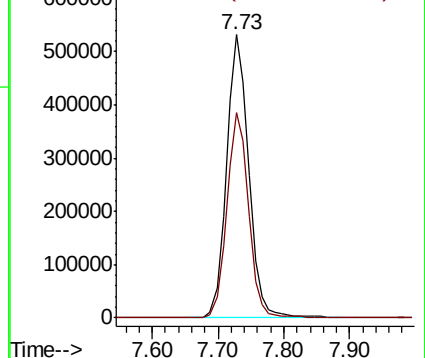
98 100

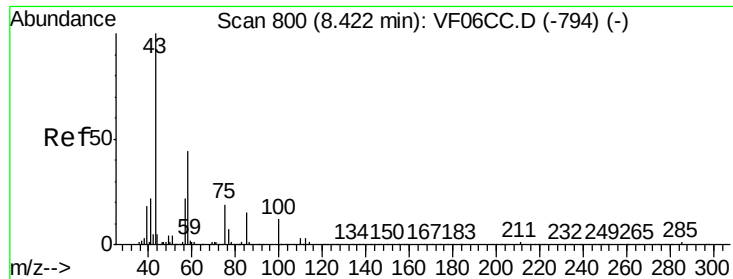
100 72.6 59.8 89.8



Abundance Ion 98.00 (97.70 to 98.70): VF0

Ion 100.00 (99.70 to 100.70): VF0





#51

4-Methyl-2-Pentanone

Concen: 109.440 ug/l

RT: 8.42 min Scan# 800

Delta R.T. -0.01 min

Lab File: VF062877.D

Acq: 6 Jun 2019 12:39

Instrument :

MSVOA_F

ClientSampleId :

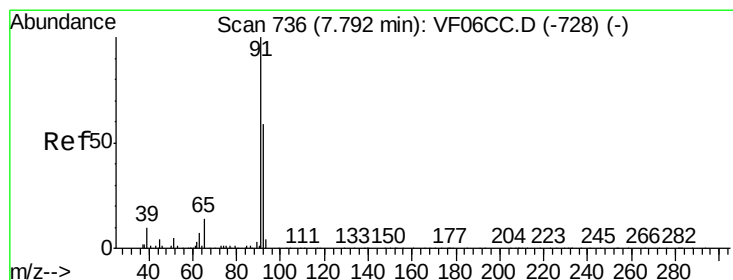
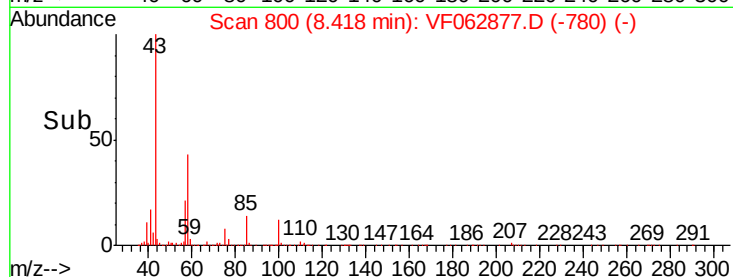
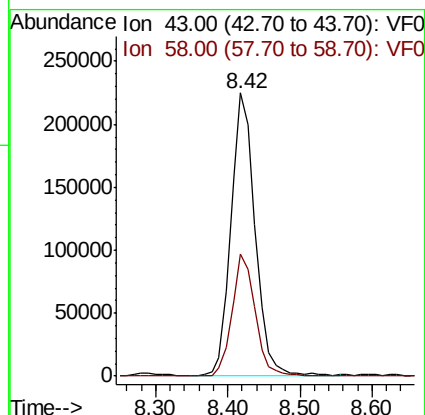
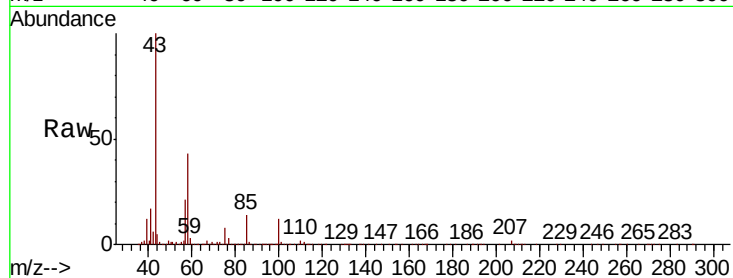
VF0606SBS01

Tot Ion: 43 Resp: 522845

Ion Ratio Lower Upper

43 100

58 43.0 35.5 53.3



#52

Toluene

Concen: 21.016 ug/l

RT: 7.80 min Scan# 737

Delta R.T. -0.01 min

Lab File: VF062877.D

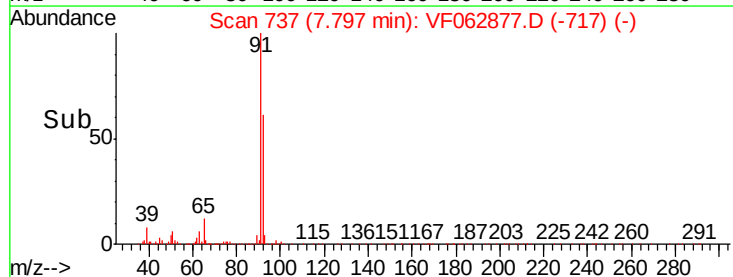
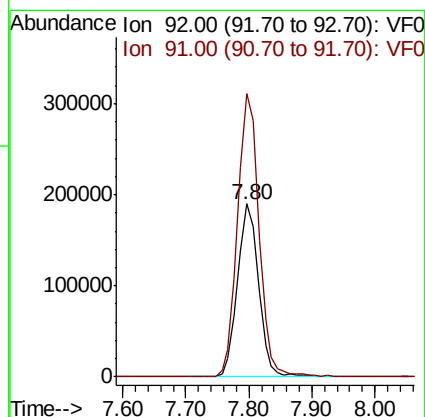
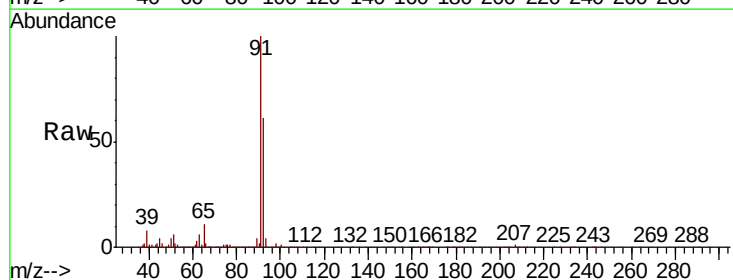
Acq: 6 Jun 2019 12:39

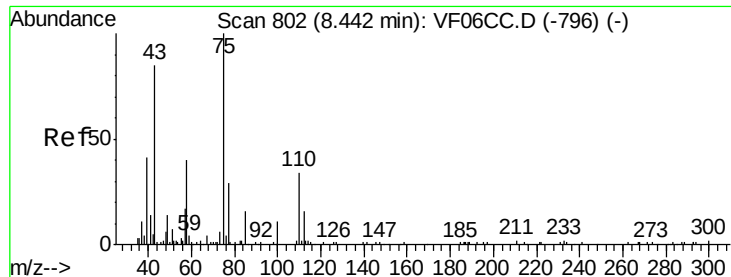
Tgt Ion: 92 Resp: 436565

Ion Ratio Lower Upper

92 100

91 163.6 123.2 184.8





#53

t-1,3-Dichloropropene

Concen: 20.469 ug/l

RT: 8.44 min Scan# 802

Delta R.T. -0.01 min

Lab File: VF062877.D

Acq: 6 Jun 2019 12:39

Instrument :

MSVOA_F

ClientSampleId :

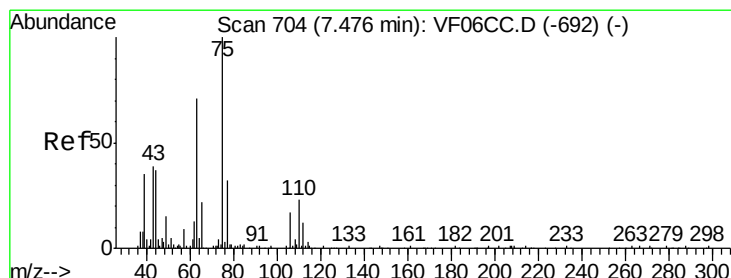
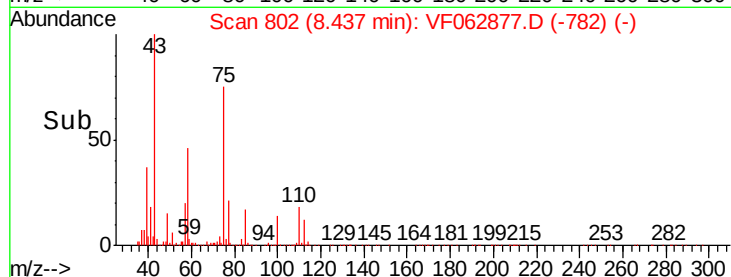
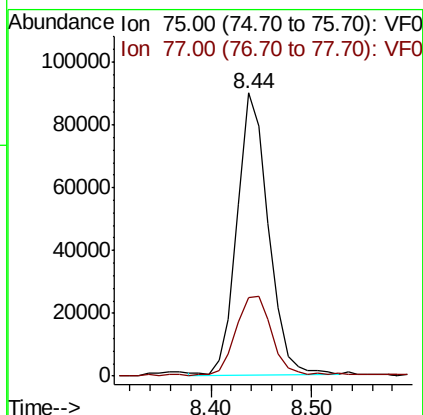
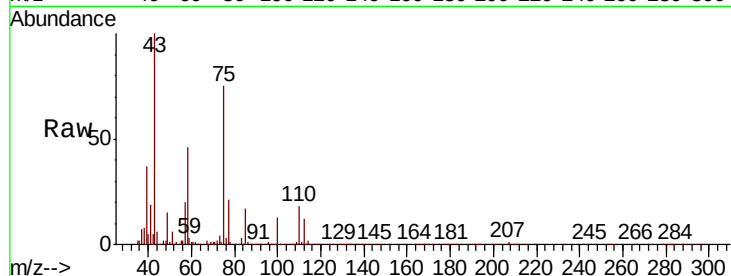
VF0606SBS01

Tot Ion: 75 Resp: 195187

Ion Ratio Lower Upper

75 100

77 27.6 25.7 38.5



#54

cis-1,3-Dichloropropene

Concen: 20.106 ug/l

RT: 7.48 min Scan# 705

Delta R.T. 0.00 min

Lab File: VF062877.D

Acq: 6 Jun 2019 12:39

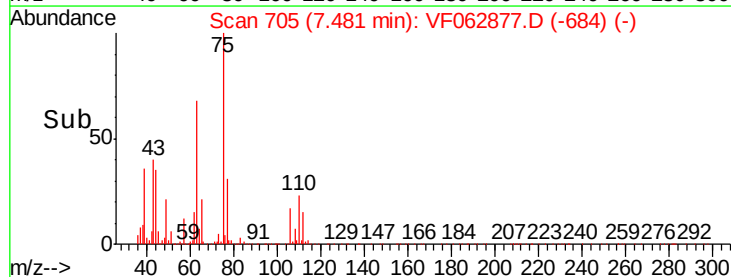
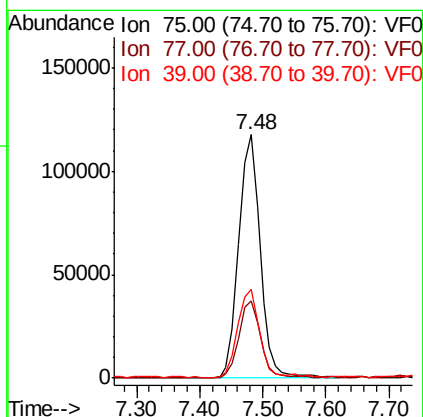
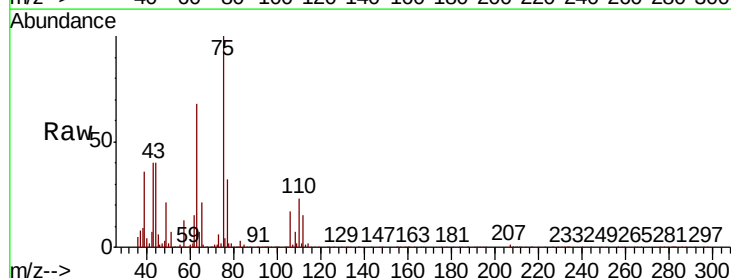
Tgt Ion: 75 Resp: 277526

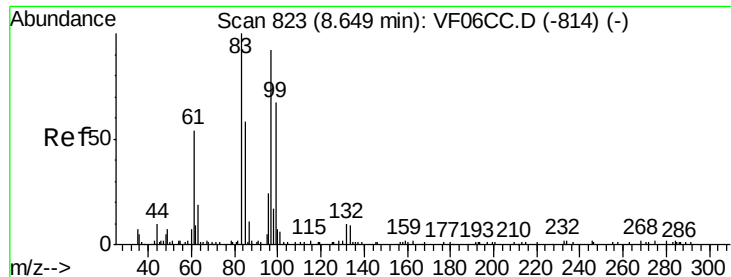
Ion Ratio Lower Upper

75 100

77 31.8 25.8 38.8

39 36.5 28.4 42.6





#55

1,1,2-Trichloroethane

Concen: 20.844 ug/l

RT: 8.65 min Scan# 824

Delta R.T. 0.00 min

Lab File: VF062877.D

Acq: 6 Jun 2019 12:39

Instrument :

MSVOA_F

ClientSampleId :

VF0606SBS01

Tot Ion: 97 Resp: 129352

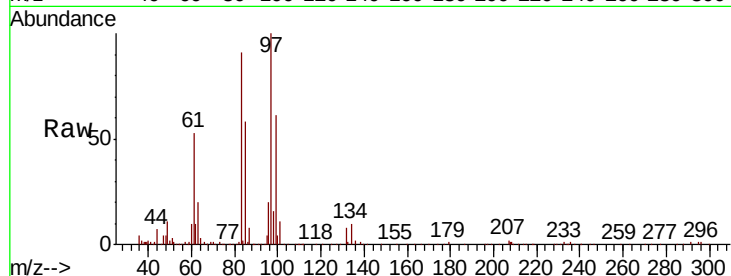
Ion Ratio Lower Upper

97 100

83 90.5 72.0 108.0

85 57.6 47.5 71.3

99 60.8 54.1 81.1

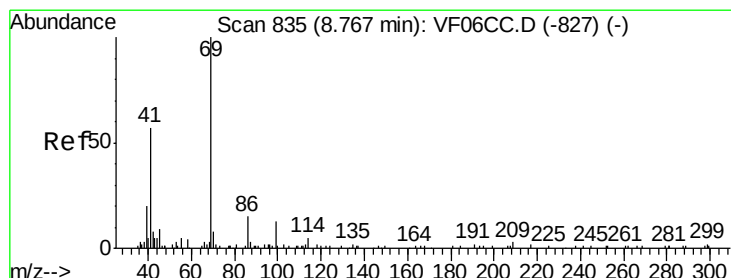
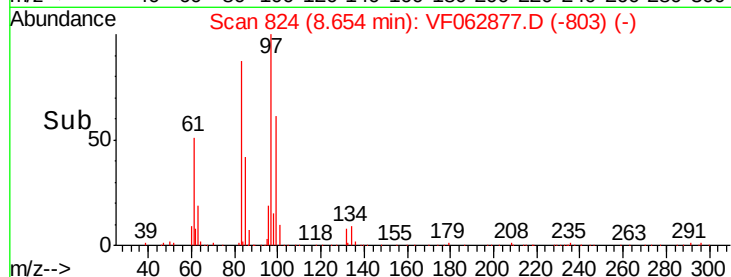
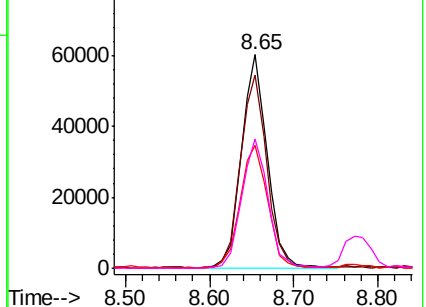


Abundance Ion 97.00 (96.70 to 97.70): VF0

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: 19.520 ug/l

RT: 8.77 min Scan# 836

Delta R.T. -0.01 min

Lab File: VF062877.D

Acq: 6 Jun 2019 12:39

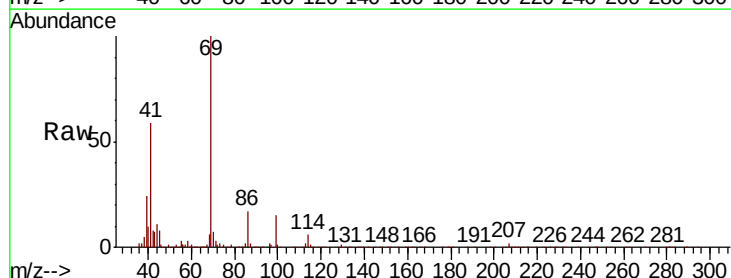
Tgt Ion: 69 Resp: 129978

Ion Ratio Lower Upper

69 100

41 58.7 46.6 69.8

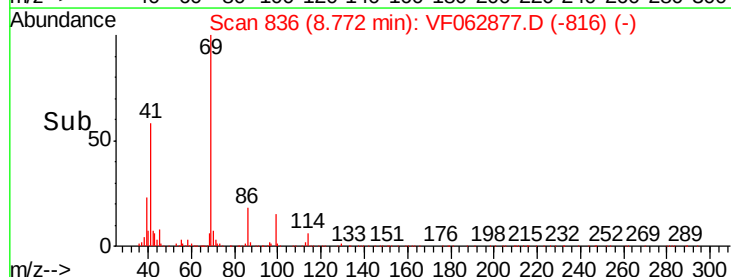
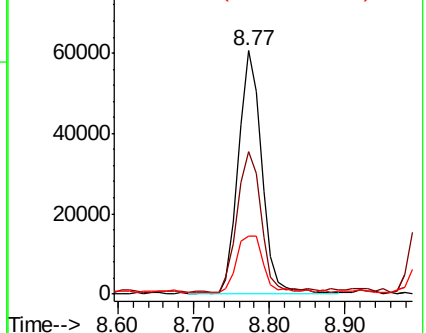
39 23.8 19.6 29.4

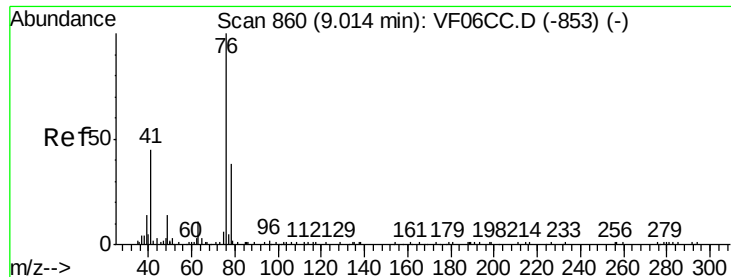


Abundance Ion 69.00 (68.70 to 69.70): VF0

Ion 41.00 (40.70 to 41.70): VF0

Ion 39.00 (38.70 to 39.70): VF0





#57

1,3-Dichloropropane

Concen: 22.250 ug/l

RT: 9.02 min Scan# 861

Delta R.T. 0.00 min

Lab File: VF062877.D

Acq: 6 Jun 2019 12:39

Instrument :

MSVOA_F

ClientSampleId :

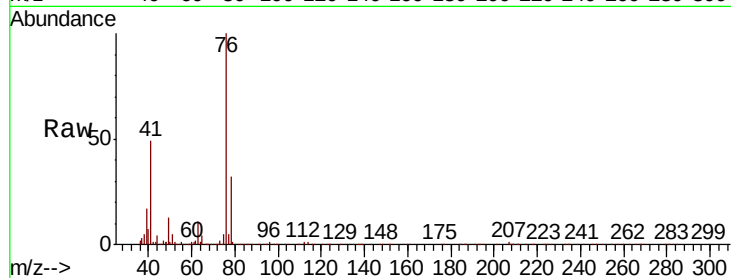
VF0606SBS01

Tot Ion: 76 Resp: 225487

Ion Ratio Lower Upper

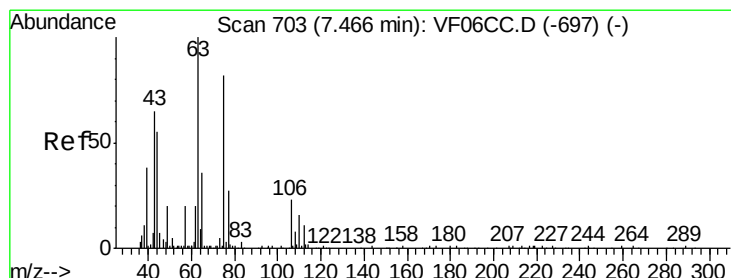
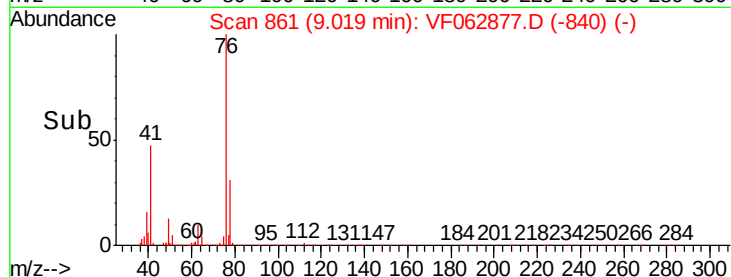
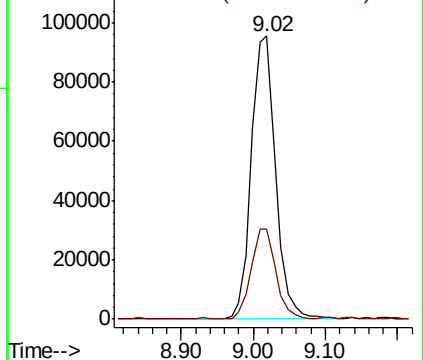
76 100

78 31.8 26.8 40.2



Abundance Ion 76.00 (75.70 to 76.70): VF0

Ion 78.00 (77.70 to 78.70): VF0



#58

2-Chloroethyl Vinyl ether

Concen: 115.148 ug/l

RT: 7.47 min Scan# 704

Delta R.T. 0.00 min

Lab File: VF062877.D

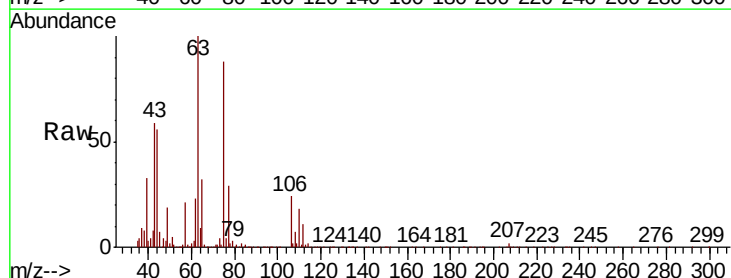
Acq: 6 Jun 2019 12:39

Tgt Ion: 63 Resp: 267962

Ion Ratio Lower Upper

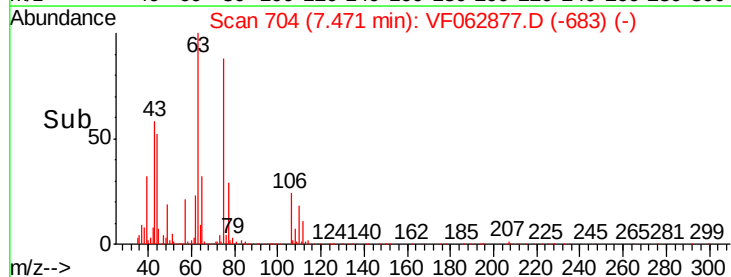
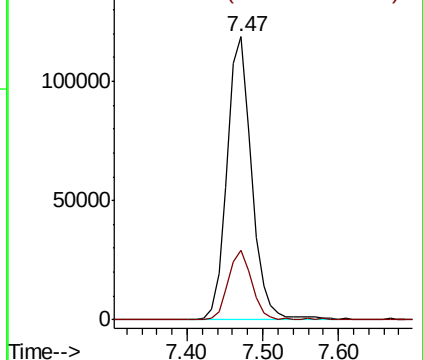
63 100

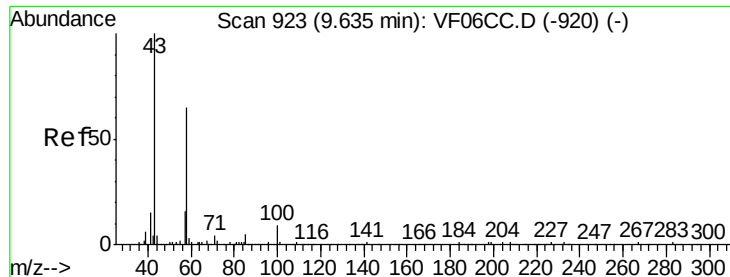
106 24.4 19.5 29.3



Abundance Ion 63.00 (62.70 to 63.70): VF0

Ion 106.00 (105.70 to 106.70): V

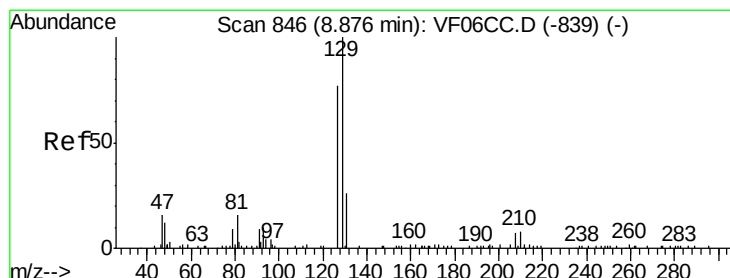
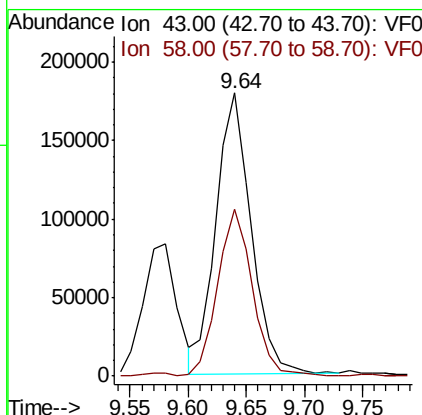
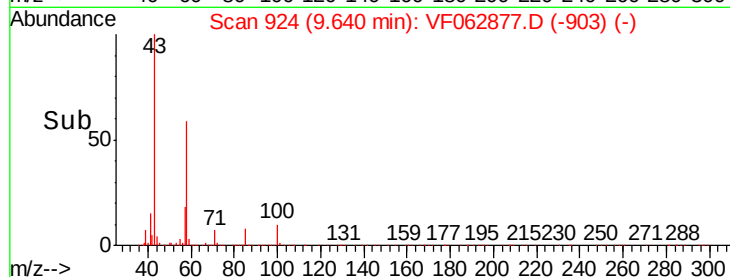
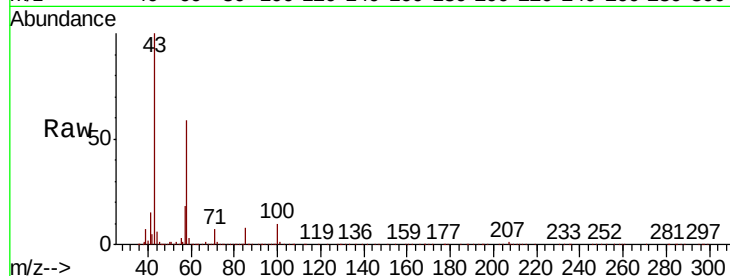




#59
2-Hexanone
Concen: 109.865 ug/l
RT: 9.64 min Scan# 924
Delta R.T. 0.00 min
Lab File: VF062877.D
Acq: 6 Jun 2019 12:39

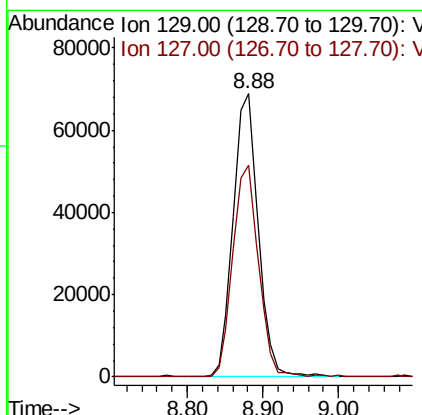
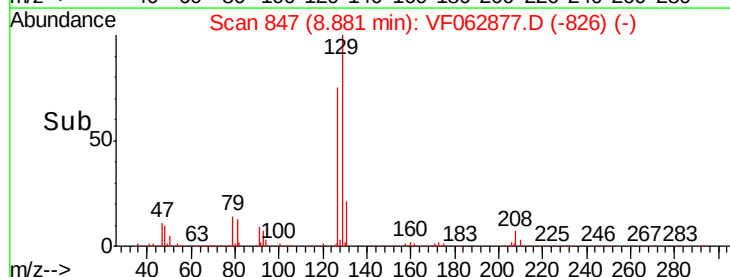
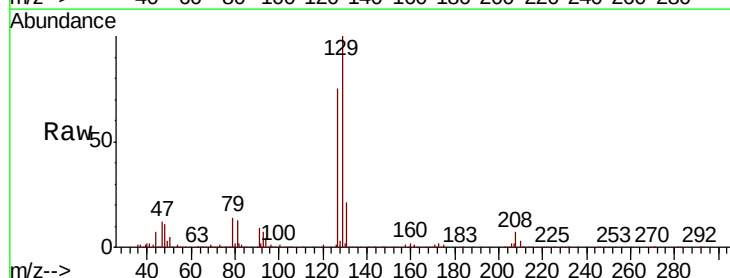
Instrument :
MSVOA_F
ClientSampleId :
VF0606SBS01

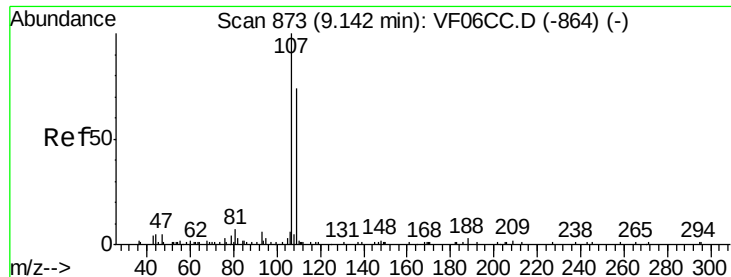
Tot Ion: 43 Resp: 374116
Ion Ratio Lower Upper
43 100
58 59.0 29.3 87.9



#60
Dibromochloromethane
Concen: 20.543 ug/l
RT: 8.88 min Scan# 847
Delta R.T. 0.00 min
Lab File: VF062877.D
Acq: 6 Jun 2019 12:39

Tgt Ion: 129 Resp: 157831
Ion Ratio Lower Upper
129 100
127 74.7 37.1 111.3





#61

1,2-Dibromoethane

Concen: 21.096 ug/l

RT: 9.15 min Scan# 874

Delta R.T. -0.01 min

Lab File: VF062877.D

Acq: 6 Jun 2019 12:39

Instrument :

MSVOA_F

ClientSampleId :

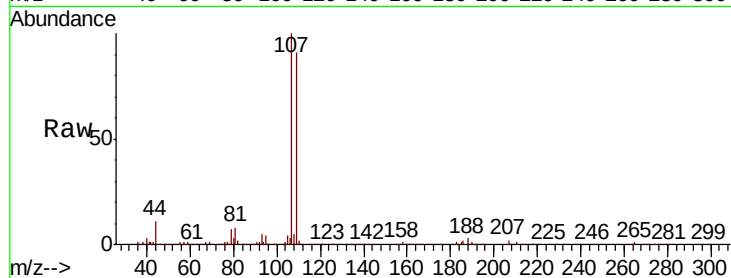
VF0606SBS01

Tot Ion:107 Resp: 135962

Ion Ratio Lower Upper

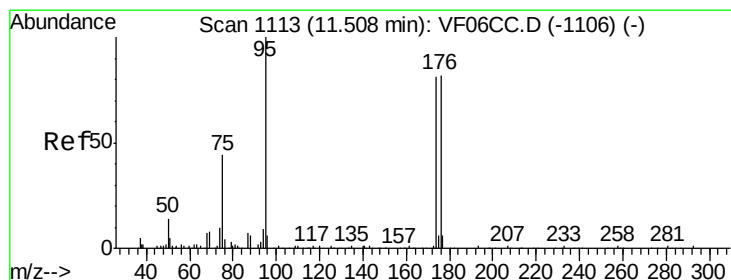
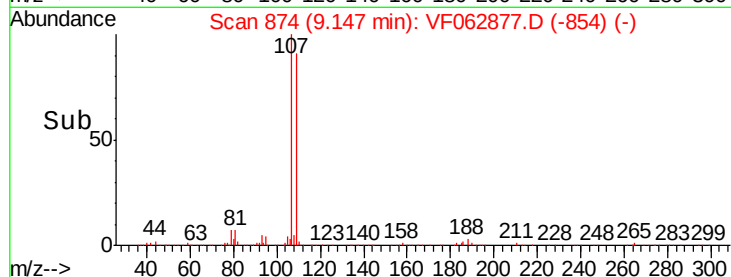
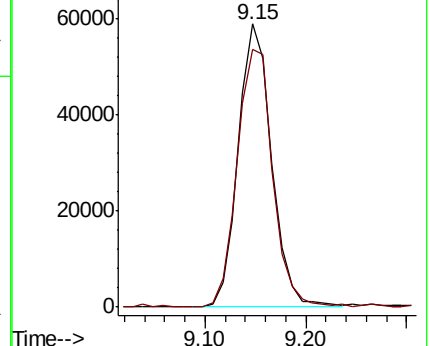
107 100

109 91.2 78.1 117.1



Abundance Ion 107.00 (106.70 to 107.70): V

Ion 109.00 (108.70 to 109.70): V



#62

4-Bromofluorobenzene

Concen: 44.914 ug/l

RT: 11.50 min Scan# 1113

Delta R.T. -0.01 min

Lab File: VF062877.D

Acq: 6 Jun 2019 12:39

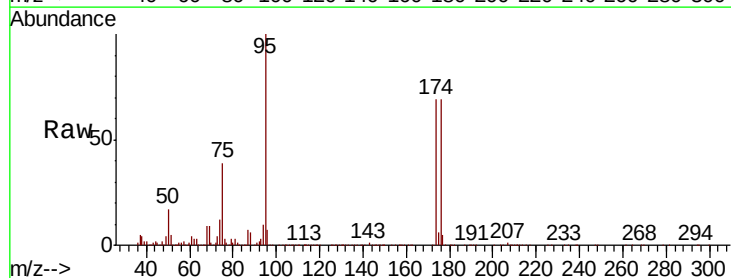
Tgt Ion: 95 Resp: 444396

Ion Ratio Lower Upper

95 100

174 68.9 0.0 170.6

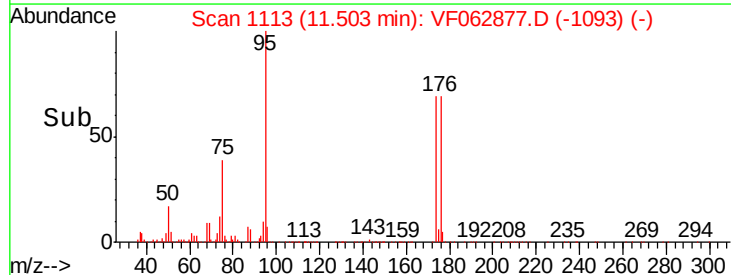
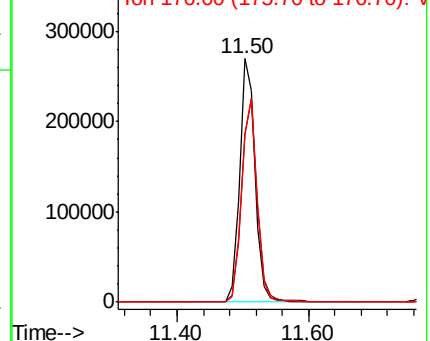
176 69.1 0.0 170.6

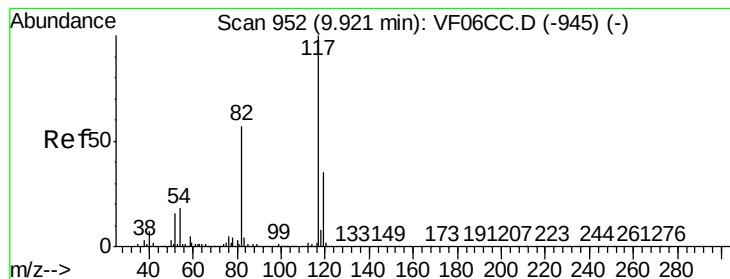


Abundance Ion 95.00 (94.70 to 95.70): VF0

Ion 174.00 (173.70 to 174.70): V

Ion 176.00 (175.70 to 176.70): V





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 9.93 min Scan# 953

Delta R.T. -0.01 min

Lab File: VF062877.D

Acq: 6 Jun 2019 12:39

Instrument :

MSVOA_F

ClientSampleId :

VF0606SBS01

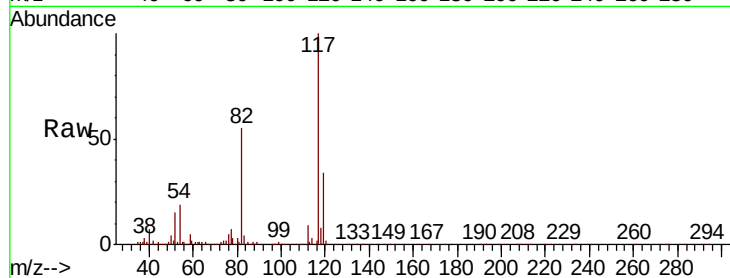
Tot Ion:117 Resp: 1163842

Ion Ratio Lower Upper

117 100

82 54.9 42.4 63.6

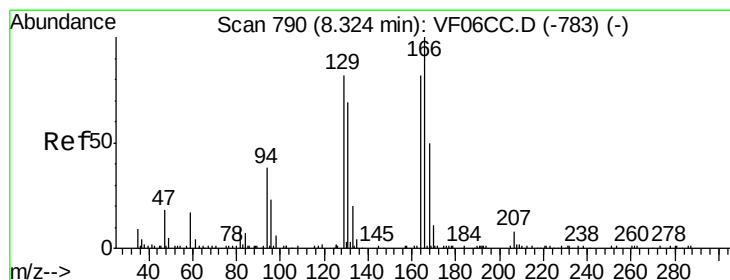
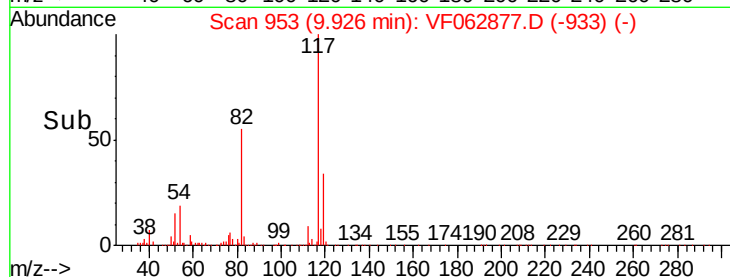
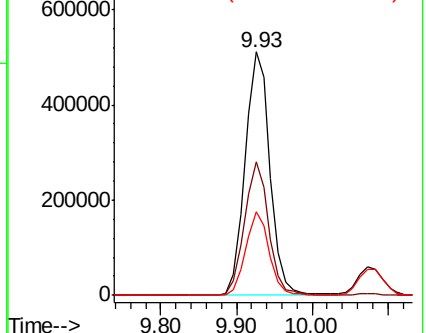
119 34.3 27.1 40.7



Abundance Ion 117.00 (116.70 to 117.70): V

Ion 82.00 (81.70 to 82.70): VF0

Ion 119.00 (118.70 to 119.70): V



#64

Tetrachloroethene

Concen: 19.154 ug/l

RT: 8.32 min Scan# 790

Delta R.T. -0.01 min

Lab File: VF062877.D

Acq: 6 Jun 2019 12:39

Tgt Ion:164 Resp: 171302

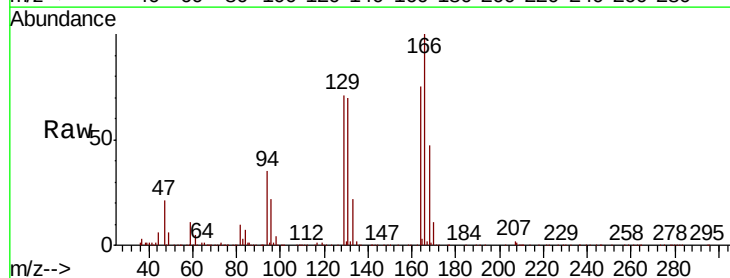
Ion Ratio Lower Upper

164 100

166 134.0 99.1 148.7

129 94.5 69.5 104.3

131 93.2 69.2 103.8

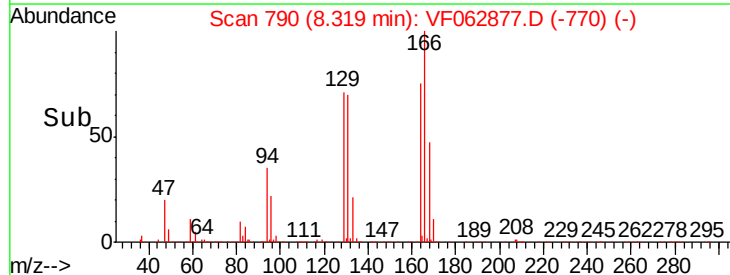
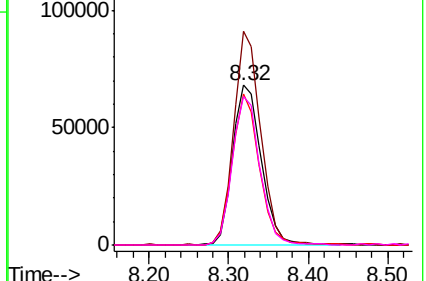


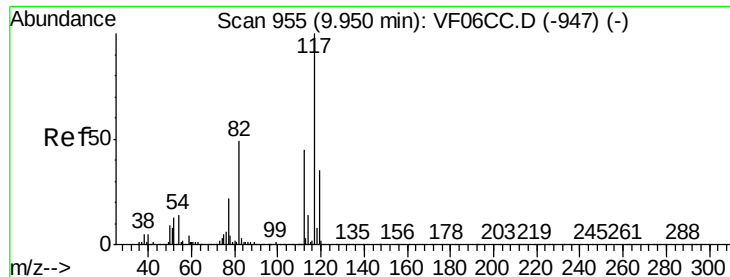
Abundance Ion 163.85 (163.55 to 164.55): V

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

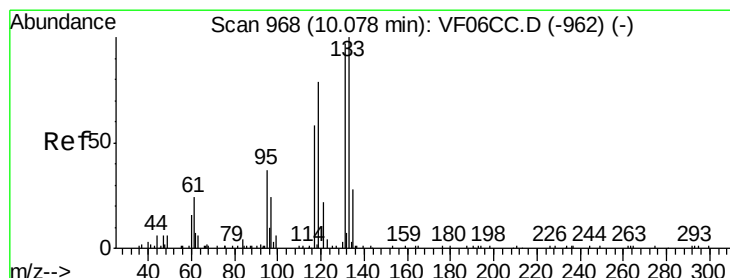
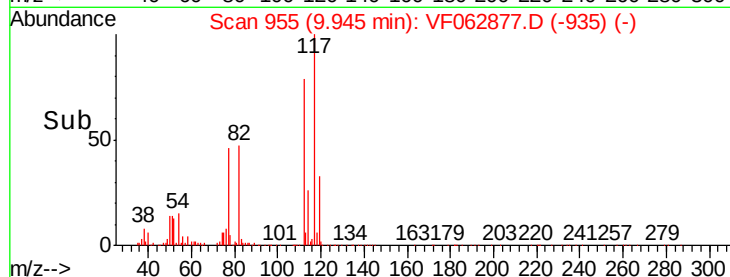
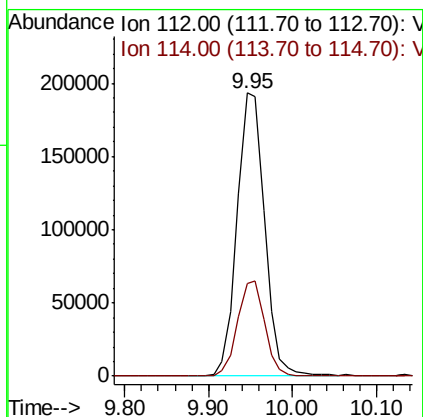
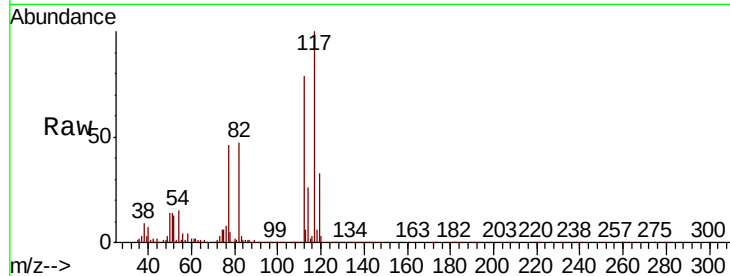




#65
Chlorobenzene
Concen: 19.660 ug/l
RT: 9.95 min Scan# 955
Delta R.T. -0.01 min
Lab File: VF062877.D
Acq: 6 Jun 2019 12:39

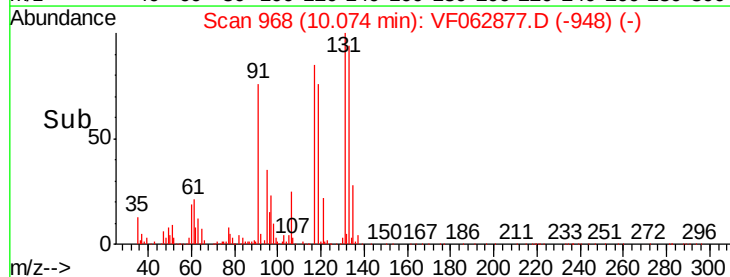
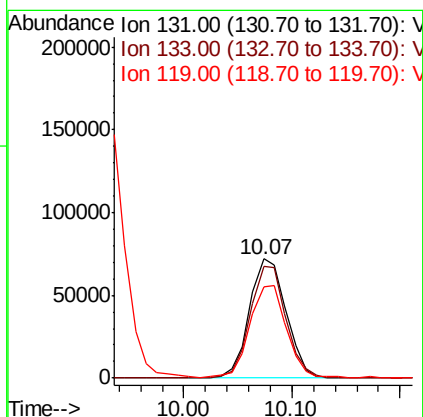
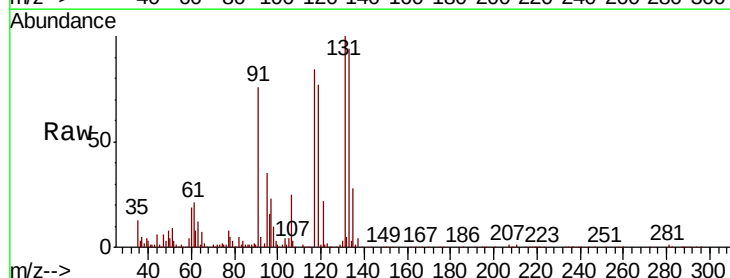
Instrument :
MSVOA_F
ClientSampleId :
VF0606SBS01

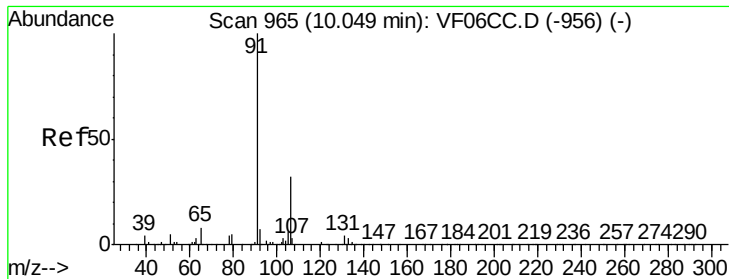
Tot Ion:112 Resp: 441865
Ion Ratio Lower Upper
112 100
114 32.9 27.4 41.0



#66
1,1,1,2-Tetrachloroethane
Concen: 19.014 ug/l
RT: 10.07 min Scan# 968
Delta R.T. -0.01 min
Lab File: VF062877.D
Acq: 6 Jun 2019 12:39

Tgt Ion:131 Resp: 170192
Ion Ratio Lower Upper
131 100
133 94.4 48.9 146.7
119 76.7 38.0 114.0





#67

Ethyl Benzene

Concen: 19.878 ug/l

RT: 10.04 min Scan# 965

Delta R.T. -0.01 min

Lab File: VF062877.D

Acq: 6 Jun 2019 12:39

Instrument :

MSVOA_F

ClientSampleId :

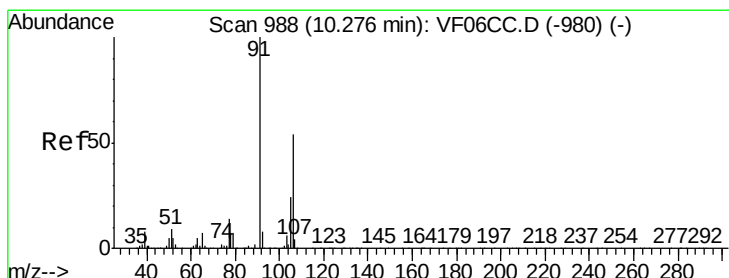
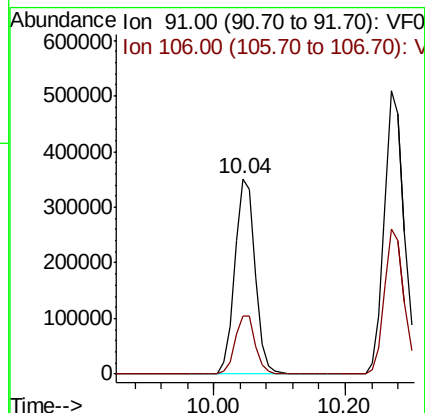
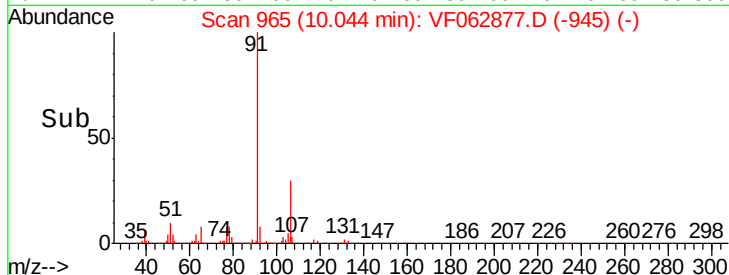
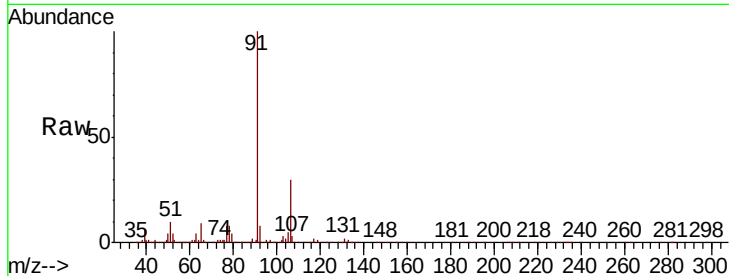
VF0606SBS01

Tot Ion: 91 Resp: 766672

Ion Ratio Lower Upper

91 100

106 29.5 26.0 39.0



#68

m/p-Xylenes

Concen: 36.643 ug/l

RT: 10.27 min Scan# 988

Delta R.T. -0.01 min

Lab File: VF062877.D

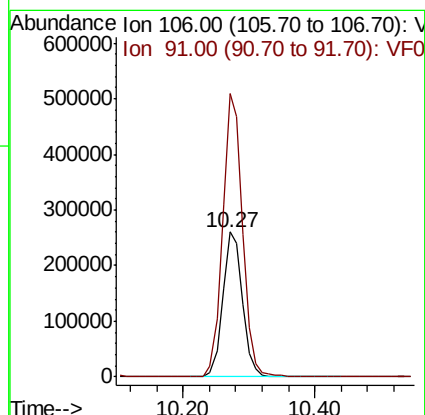
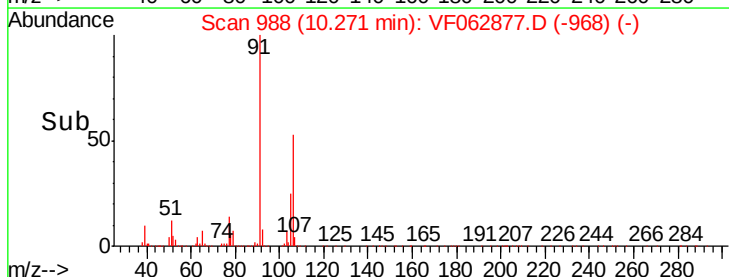
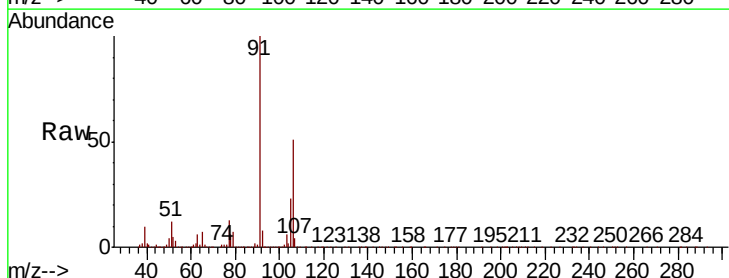
Acq: 6 Jun 2019 12:39

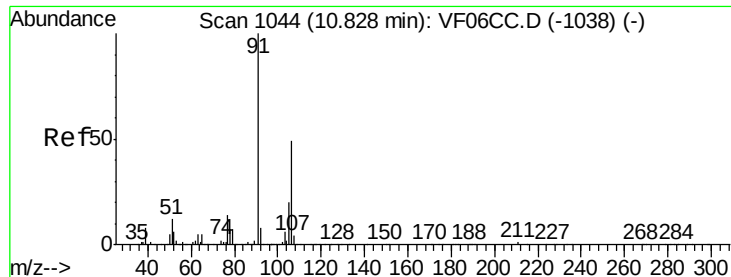
Tgt Ion: 106 Resp: 540807

Ion Ratio Lower Upper

106 100

91 195.8 136.2 204.4

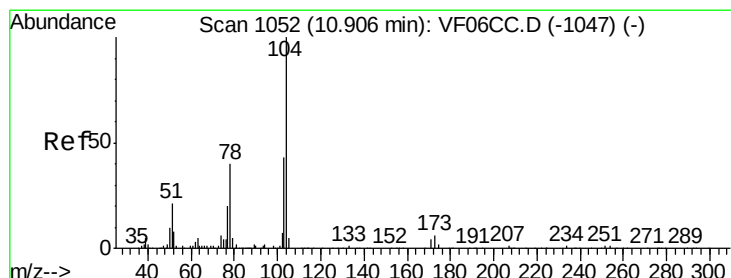
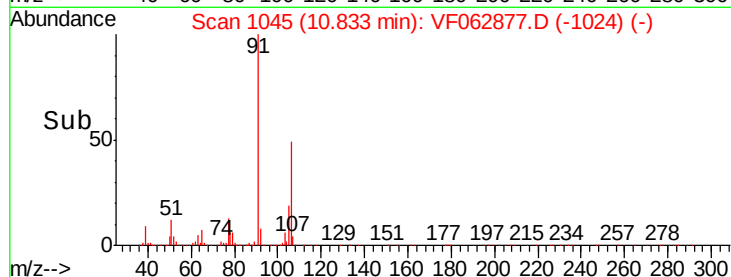
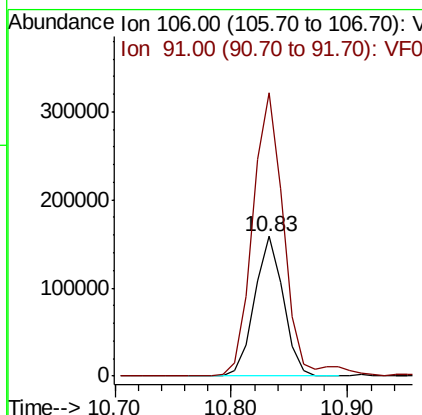
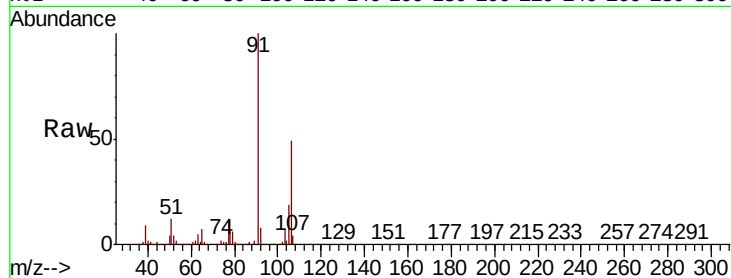




#69
o-Xylene
Concen: 18.117 ug/l
RT: 10.83 min Scan# 1045
Delta R.T. 0.00 min
Lab File: VF062877.D
Acq: 6 Jun 2019 12:39

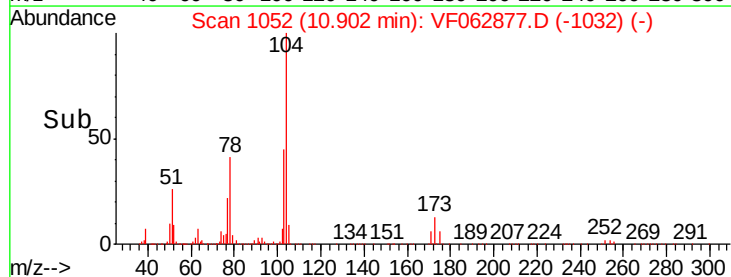
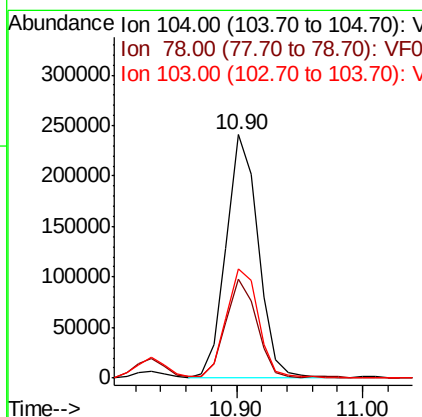
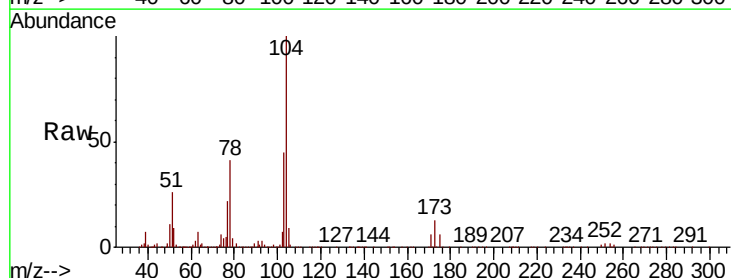
Instrument :
MSVOA_F
ClientSampleId :
VF0606SBS01

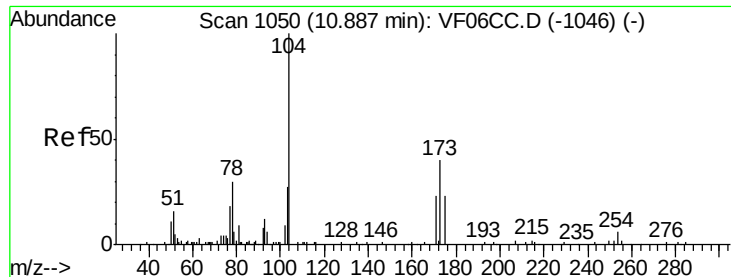
Tot Ion:106 Resp: 270726
Ion Ratio Lower Upper
106 100
91 203.0 96.6 289.8



#70
Styrene
Concen: 19.159 ug/l
RT: 10.90 min Scan# 1052
Delta R.T. -0.01 min
Lab File: VF062877.D
Acq: 6 Jun 2019 12:39

Tgt Ion:104 Resp: 421970
Ion Ratio Lower Upper
104 100
78 40.6 30.8 46.2
103 44.9 35.8 53.6





#71

Bromoform

Concen: 18.943 ug/l

RT: 10.89 min Scan# 1051

Delta R.T. -0.01 min

Lab File: VF062877.D

Acq: 6 Jun 2019 12:39

Instrument :

MSVOA_F

ClientSampleId :

VF0606SBS01

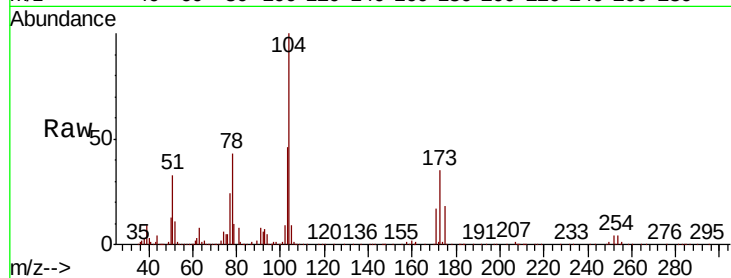
Tot Ion:173 Resp: 81342

Ion Ratio Lower Upper

173 100

175 49.6 24.6 74.0

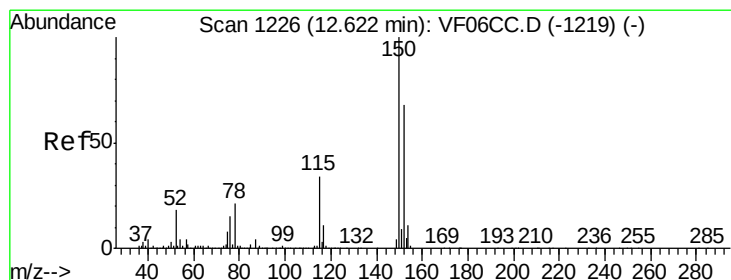
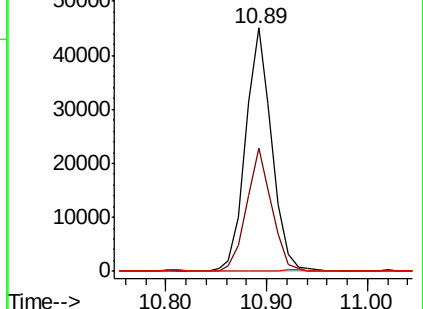
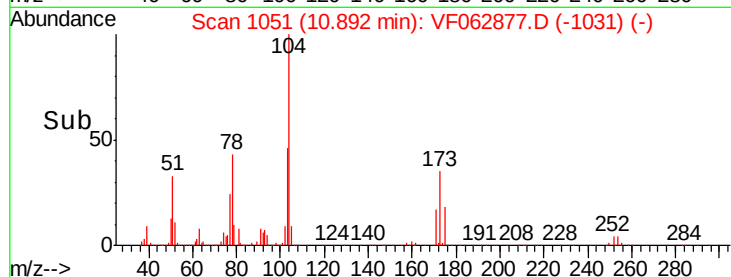
254 0.0 0.1 0.1#



Abundance Ion 173.00 (172.70 to 173.70): V

Ion 175.00 (174.70 to 175.70): V

Ion 254.00 (253.70 to 254.70): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.63 min Scan# 1227

Delta R.T. 0.00 min

Lab File: VF062877.D

Acq: 6 Jun 2019 12:39

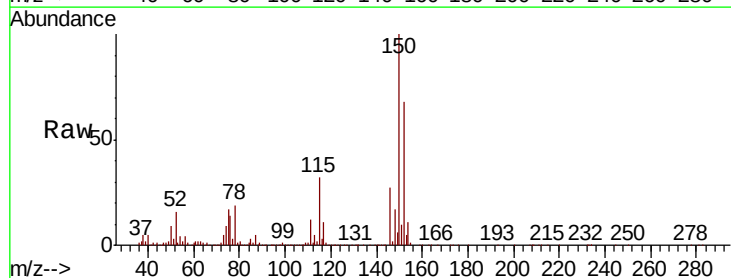
Tgt Ion:152 Resp: 562562

Ion Ratio Lower Upper

152 100

115 47.1 24.6 74.0

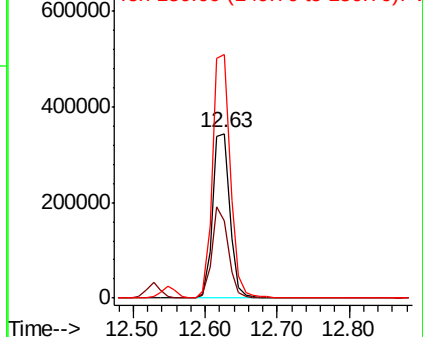
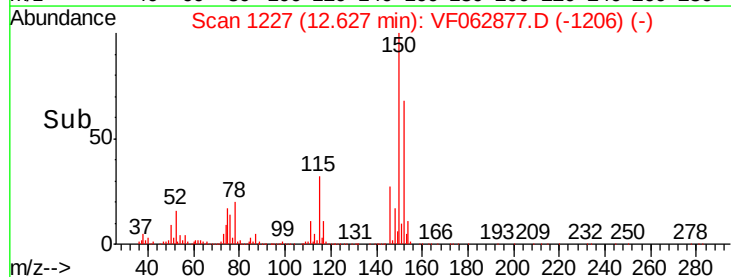
150 148.0 0.0 290.6

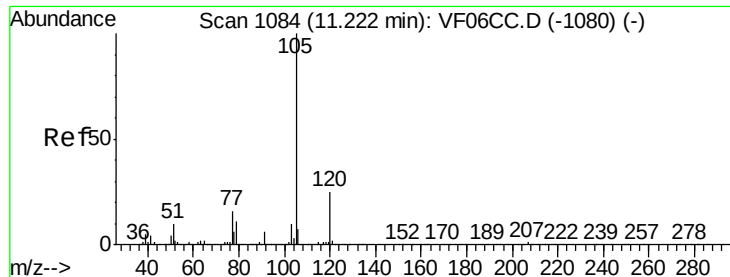


Abundance Ion 152.00 (151.70 to 152.70): V

Ion 115.00 (114.70 to 115.70): V

Ion 150.00 (149.70 to 150.70): V





#73

Isopropylbenzene

Concen: 19.091 ug/l

RT: 11.23 min Scan# 1085

Delta R.T. -0.01 min

Lab File: VF062877.D

Acq: 6 Jun 2019 12:39

Instrument :

MSVOA_F

ClientSampleId :

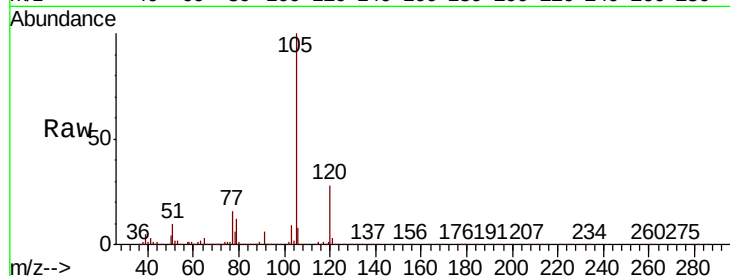
VF0606SBS01

Tot Ion:105 Resp: 749396

Ion Ratio Lower Upper

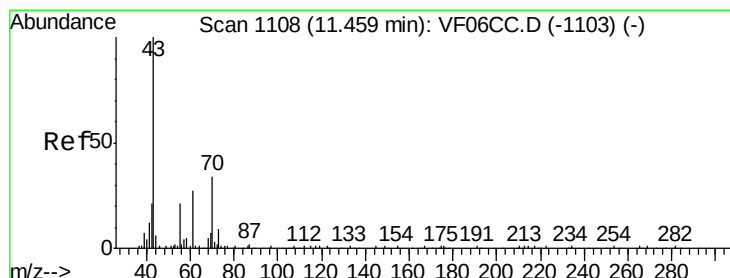
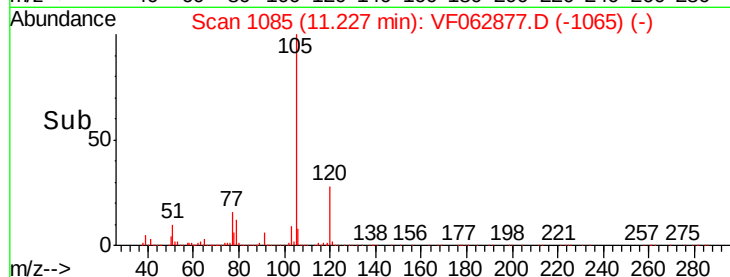
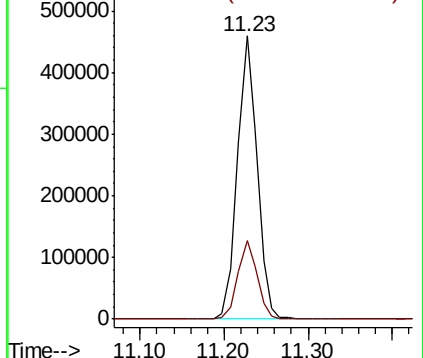
105 100

120 28.0 15.1 45.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 19.365 ug/l

RT: 11.46 min Scan# 1109

Delta R.T. 0.00 min

Lab File: VF062877.D

Acq: 6 Jun 2019 12:39

Tgt Ion: 43 Resp: 214243

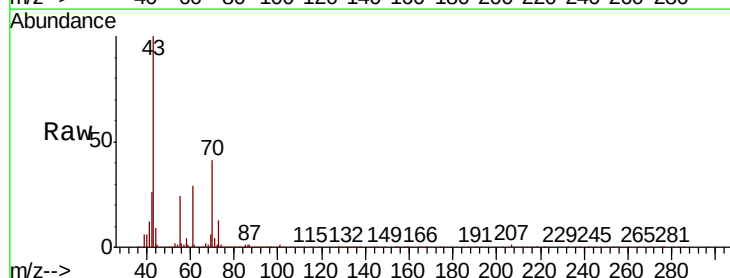
Ion Ratio Lower Upper

43 100

70 41.0 32.9 49.3

55 23.6 17.3 25.9

61 28.7 23.7 35.5

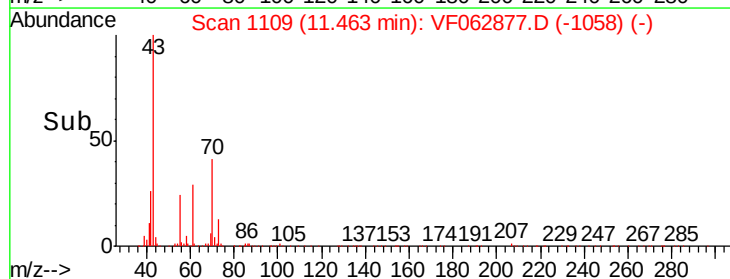
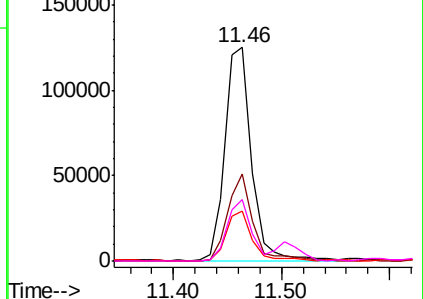


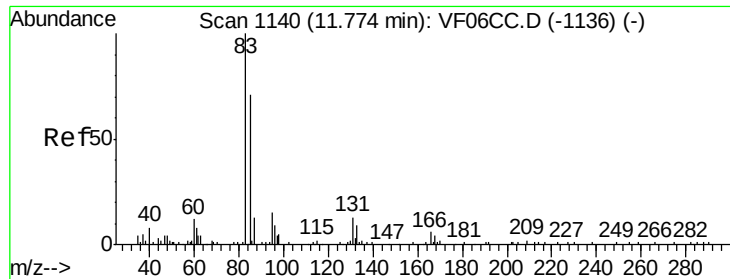
Abundance Ion 43.00 (42.70 to 43.70): VF0

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: 20.846 ug/l

RT: 11.78 min Scan# 1141

Delta R.T. -0.01 min

Lab File: VF062877.D

Acq: 6 Jun 2019 12:39

Instrument :

MSVOA_F

ClientSampleId :

VF0606SBS01

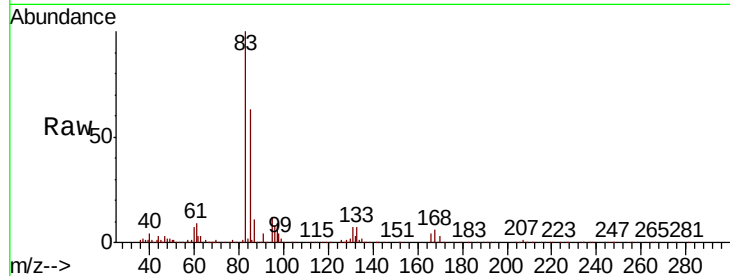
Tot Ion: 83 Resp: 174748

Ion Ratio Lower Upper

83 100

131 7.4 4.9 14.7

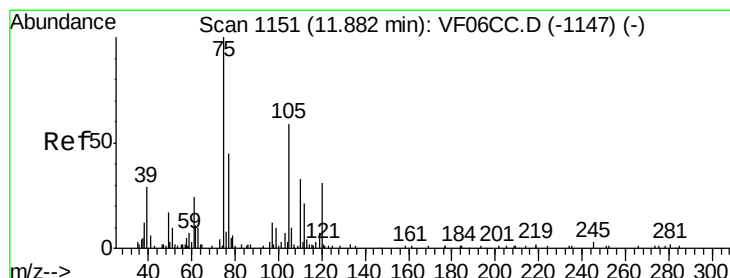
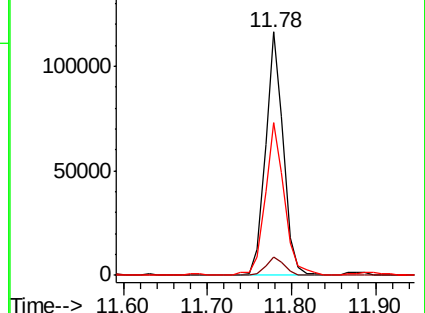
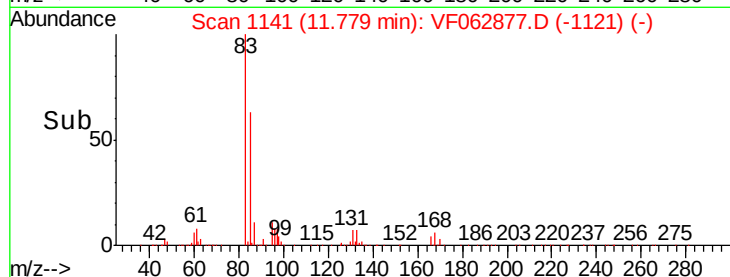
85 63.0 32.1 96.5



Abundance Ion 83.00 (82.70 to 83.70): VF0

Ion 131.00 (130.70 to 131.70): V

Ion 85.00 (84.70 to 85.70): VF0



#76

1,2,3-Trichloropropane

Concen: 20.807 ug/l

RT: 11.88 min Scan# 1151

Delta R.T. -0.01 min

Lab File: VF062877.D

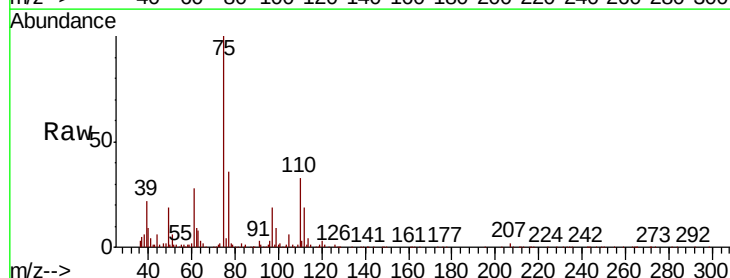
Acq: 6 Jun 2019 12:39

Tgt Ion: 75 Resp: 115616

Ion Ratio Lower Upper

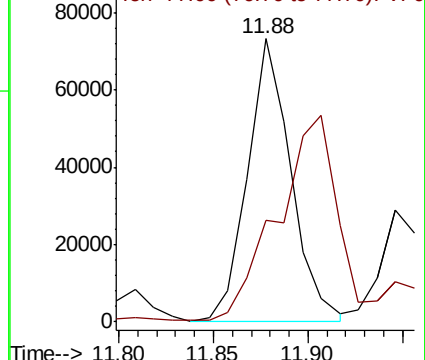
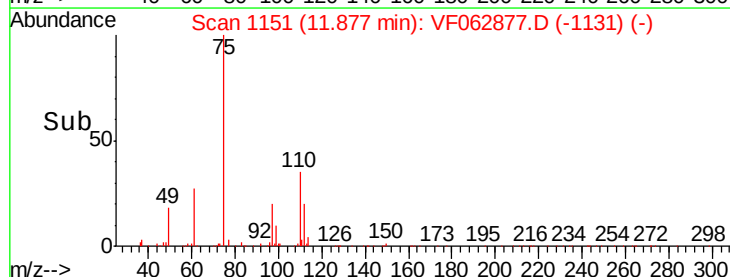
75 100

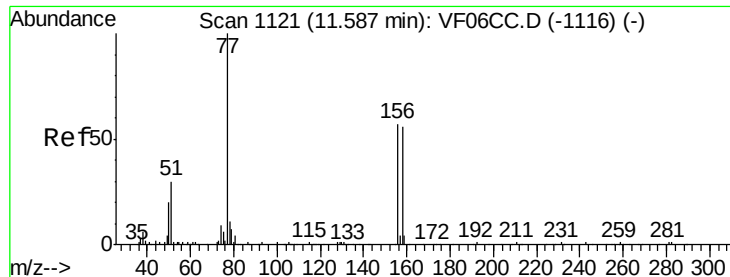
77 35.8 20.1 60.2



Abundance Ion 75.00 (74.70 to 75.70): VF0

Ion 77.00 (76.70 to 77.70): VF0





#77

Bromobenzene

Concen: 19.160 ug/l

RT: 11.59 min Scan# 1122

Delta R.T. -0.01 min

Lab File: VF062877.D

Acq: 6 Jun 2019 12:39

Instrument :

MSVOA_F

ClientSampleId :

VF0606SBS01

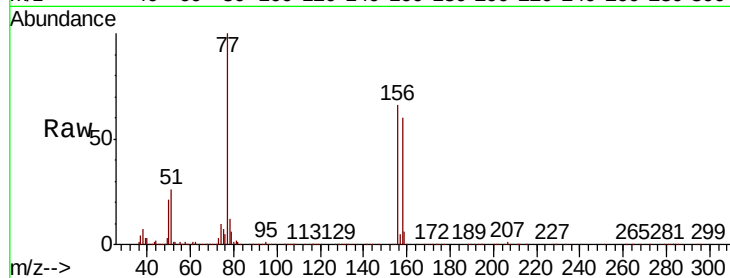
Tot Ion:156 Resp: 188971

Ion Ratio Lower Upper

156 100

77 151.3 64.2 192.6

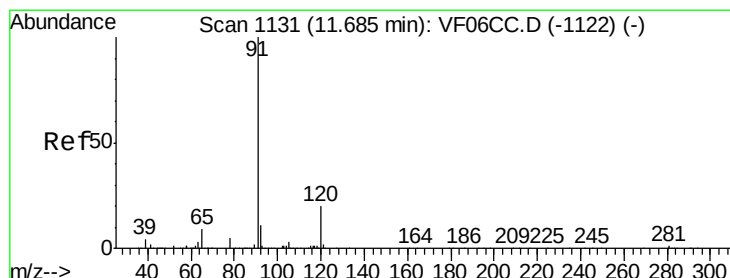
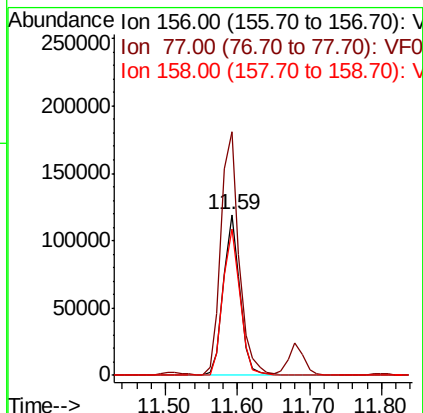
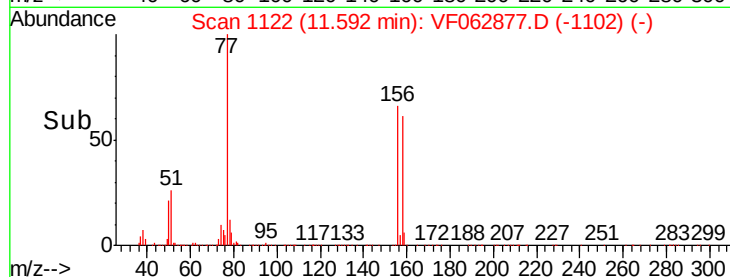
158 91.3 50.3 151.0



Abundance Ion 156.00 (155.70 to 156.70): V

Ion 77.00 (76.70 to 77.70): VF0

Ion 158.00 (157.70 to 158.70): V



#78

n-propylbenzene

Concen: 20.259 ug/l

RT: 11.68 min Scan# 1131

Delta R.T. -0.01 min

Lab File: VF062877.D

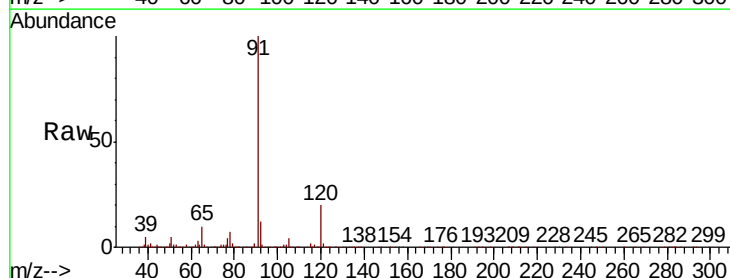
Acq: 6 Jun 2019 12:39

Tgt Ion: 91 Resp: 960205

Ion Ratio Lower Upper

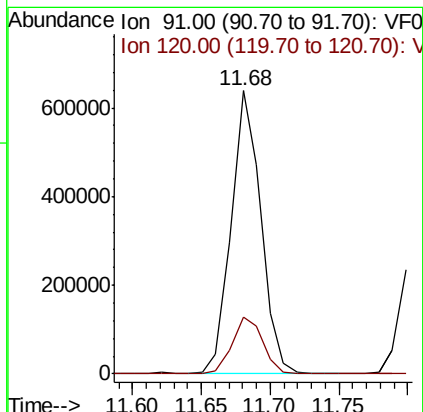
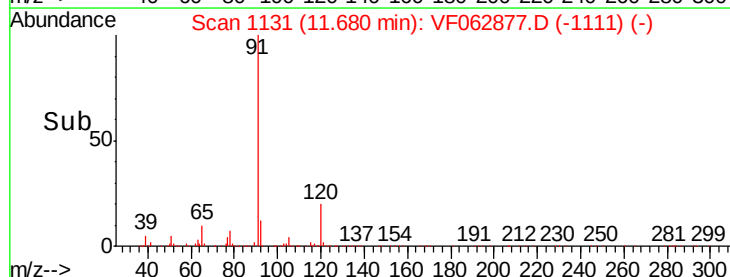
91 100

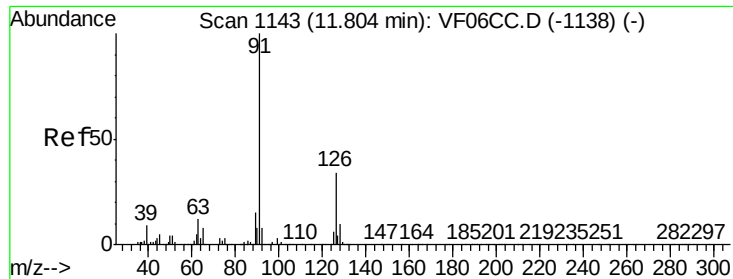
120 20.0 12.8 38.4



Abundance Ion 91.00 (90.70 to 91.70): VF0

Ion 120.00 (119.70 to 120.70): V

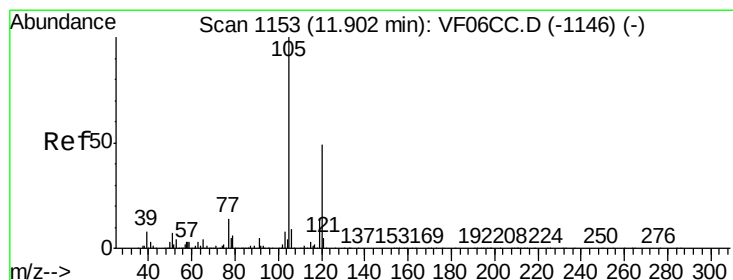
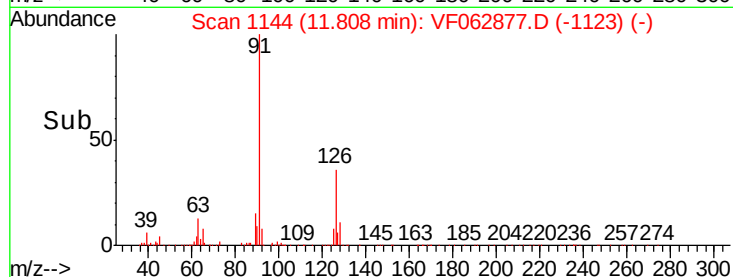
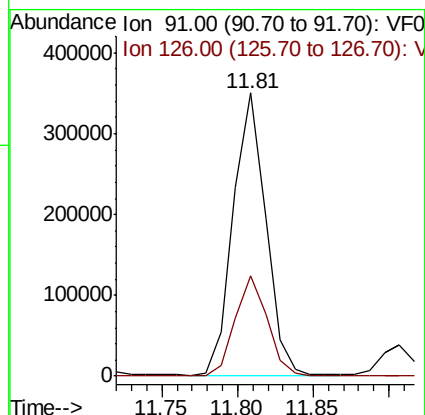
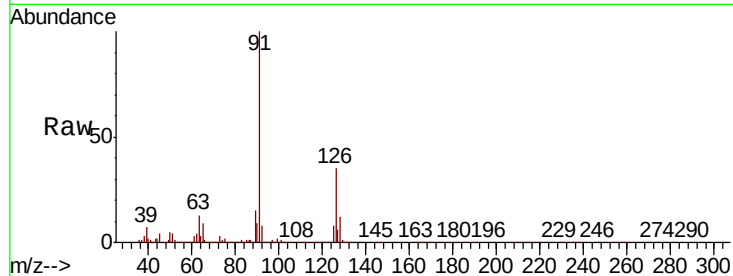




#79
 2-Chlorotoluene
 Concen: 19.418 ug/l
 RT: 11.81 min Scan# 1144
 Delta R.T. 0.00 min
 Lab File: VF062877.D
 Acq: 6 Jun 2019 12:39

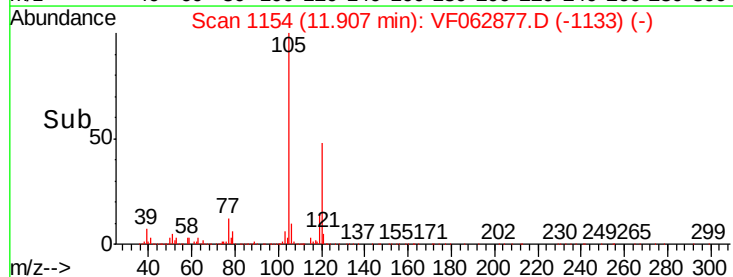
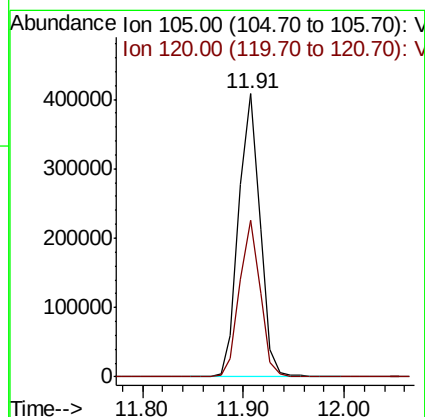
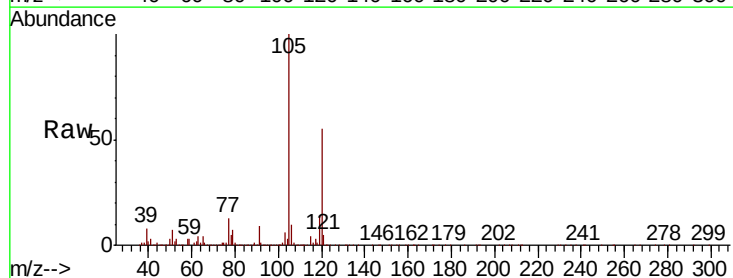
Instrument :
 MSVOA_F
 ClientSampleId :
 VF0606SBS01

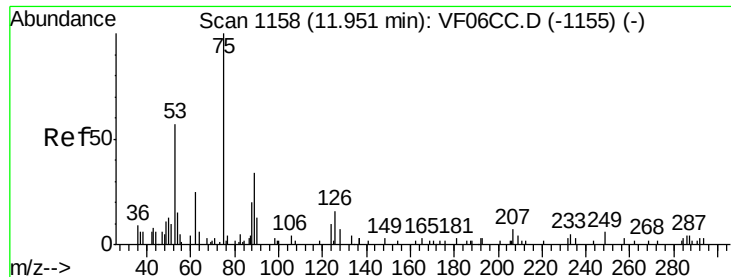
Tot Ion: 91 Resp: 526611
 Ion Ratio Lower Upper
 91 100
 126 35.5 17.8 53.3



#80
 1,3,5-Trimethylbenzene
 Concen: 18.742 ug/l
 RT: 11.91 min Scan# 1154
 Delta R.T. 0.00 min
 Lab File: VF062877.D
 Acq: 6 Jun 2019 12:39

Tgt Ion: 105 Resp: 601646
 Ion Ratio Lower Upper
 105 100
 120 55.4 28.7 86.1





#81

trans-1,4-Dichloro-2-butene

Concen: 27.053 ug/l

RT: 11.95 min Scan# 1158

Delta R.T. -0.01 min

Lab File: VF062877.D

Acq: 6 Jun 2019 12:39

Instrument :

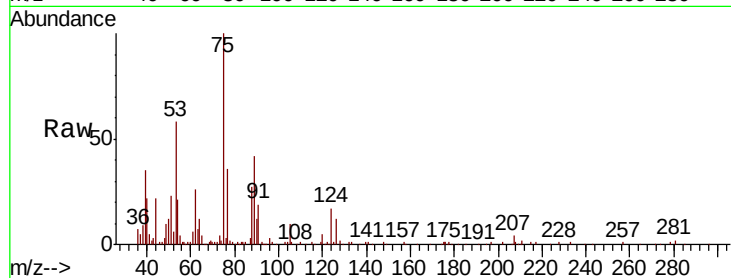
MSVOA_F

ClientSampleId :

VF0606SBS01

Tot Ion: 75 Resp: 63640

Ion	Ratio	Lower	Upper
75	100		
53	58.2	43.5	65.3
89	41.7	34.3	51.5

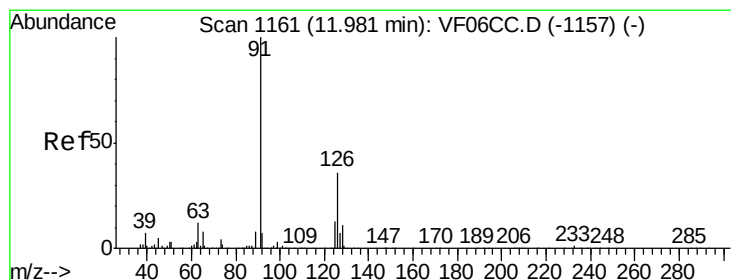
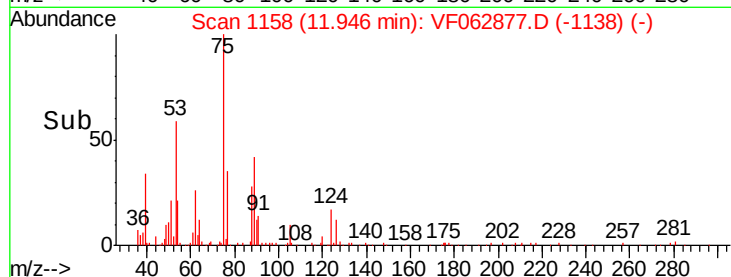
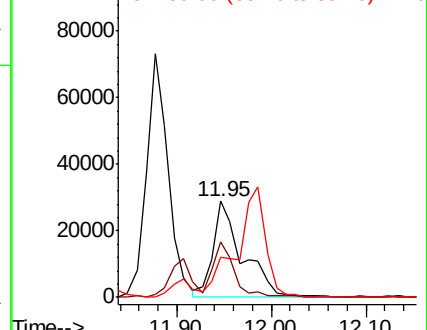


Abundance

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



#82

4-Chlorotoluene

Concen: 19.609 ug/l

RT: 11.99 min Scan# 1162

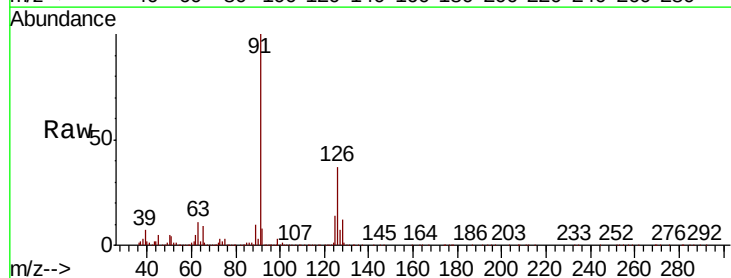
Delta R.T. 0.00 min

Lab File: VF062877.D

Acq: 6 Jun 2019 12:39

Tgt Ion: 91 Resp: 522620

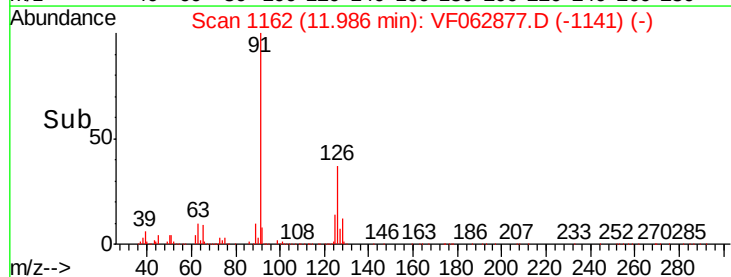
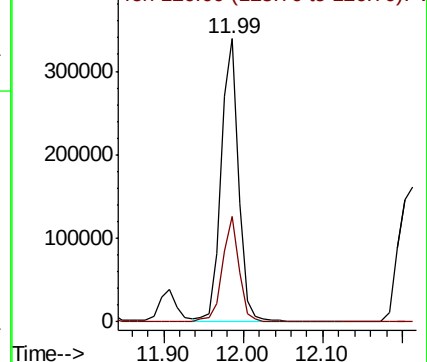
Ion	Ratio	Lower	Upper
91	100		
126	37.2	19.1	57.1

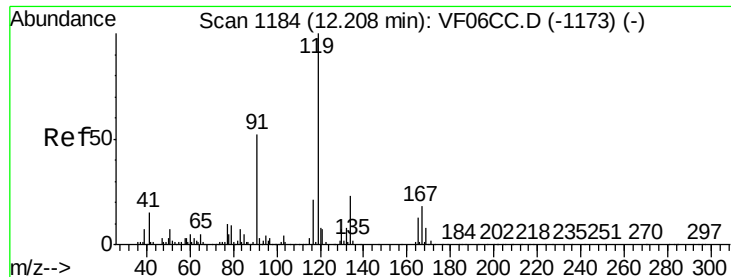


Abundance

Ion 91.00 (90.70 to 91.70): VF0

Ion 126.00 (125.70 to 126.70): V

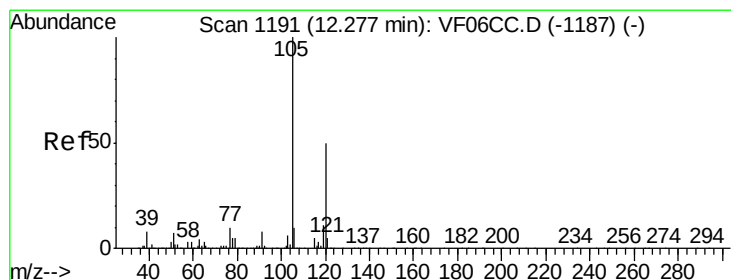
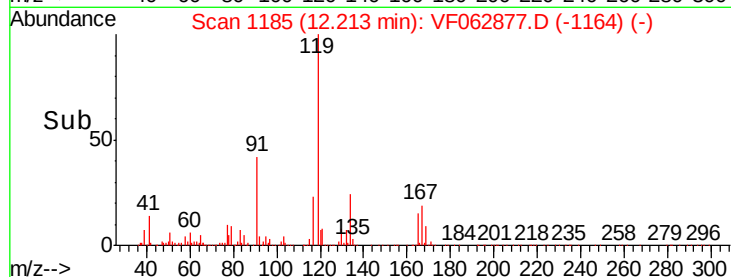
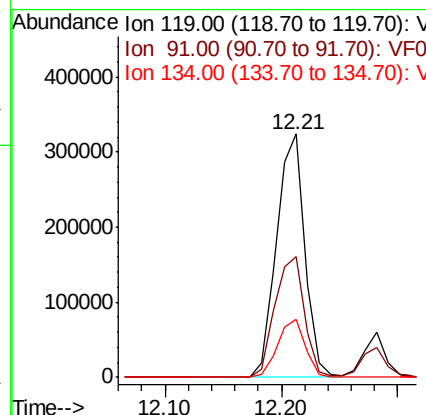
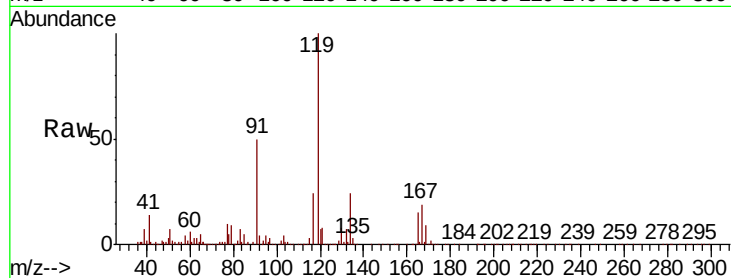




#83
 tert-Butylbenzene
 Concen: 17.025 ug/l
 RT: 12.21 min Scan# 1185
 Delta R.T. 0.00 min
 Lab File: VF062877.D
 Acq: 6 Jun 2019 12:39

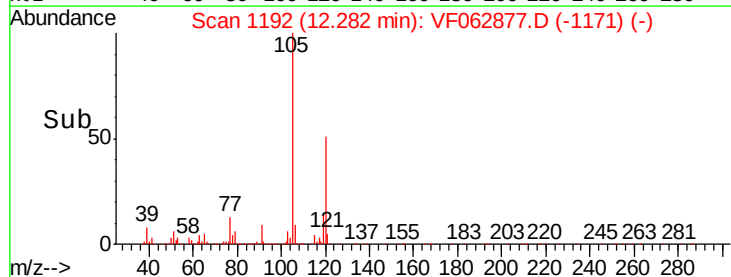
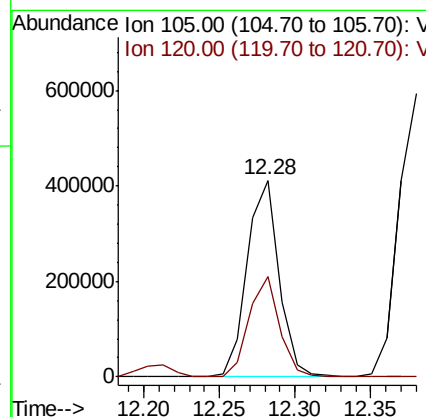
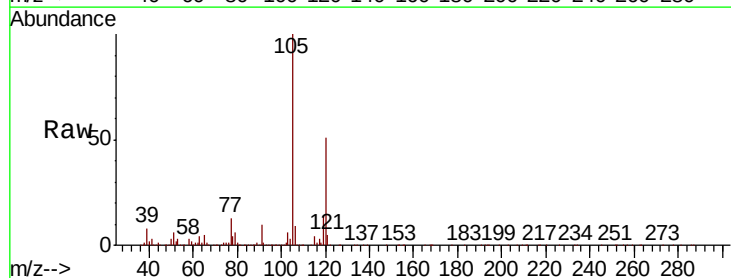
Instrument :
 MSVOA_F
 ClientSampleId :
 VF0606SBS01

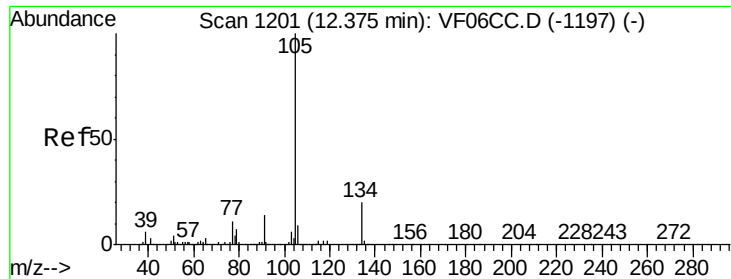
Tot Ion	Ratio	Lower	Upper
119	100		
91	49.6	28.9	86.7
134	24.0	14.3	42.9



#84
 1,2,4-Trimethylbenzene
 Concen: 19.751 ug/l
 RT: 12.28 min Scan# 1192
 Delta R.T. 0.00 min
 Lab File: VF062877.D
 Acq: 6 Jun 2019 12:39

Tgt Ion	Ratio	Lower	Upper
105	100		
120	51.2	27.1	81.3





#85

sec-Butylbenzene

Concen: 20.137 ug/l

RT: 12.38 min Scan# 1202

Delta R.T. 0.00 min

Lab File: VF062877.D

Acq: 6 Jun 2019 12:39

Instrument :

MSVOA_F

ClientSampleId :

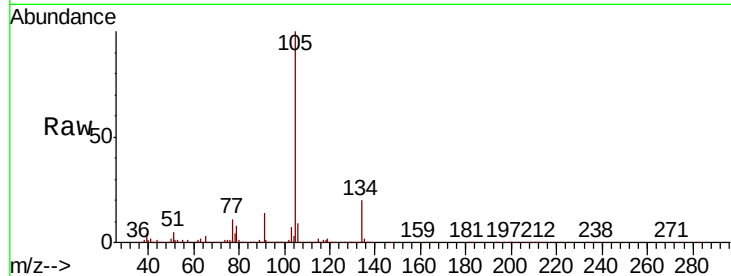
VF0606SBS01

Tot Ion:105 Resp: 844022

Ion Ratio Lower Upper

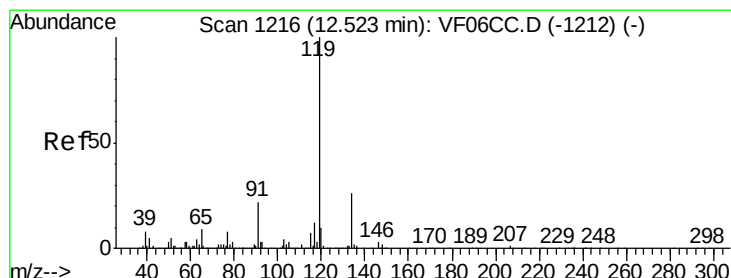
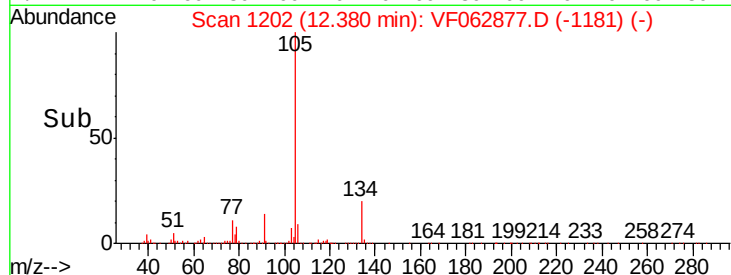
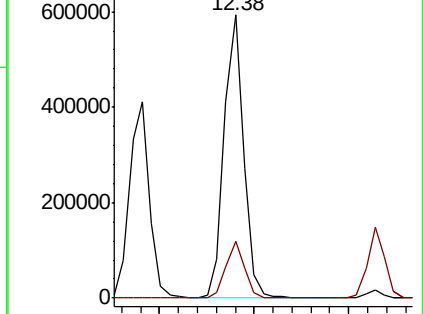
105 100

134 19.9 10.5 31.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 20.176 ug/l

RT: 12.53 min Scan# 1217

Delta R.T. -0.01 min

Lab File: VF062877.D

Acq: 6 Jun 2019 12:39

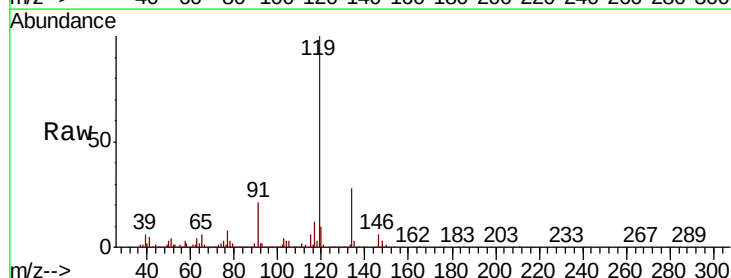
Tgt Ion:119 Resp: 703869

Ion Ratio Lower Upper

119 100

134 27.8 15.5 46.5

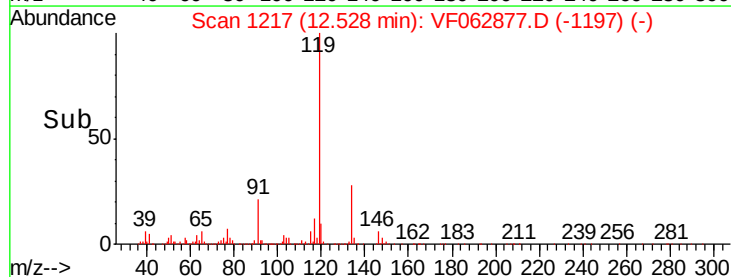
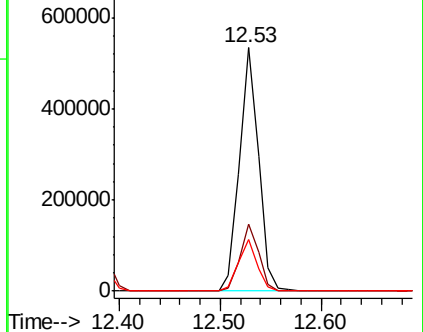
91 20.9 10.3 30.9

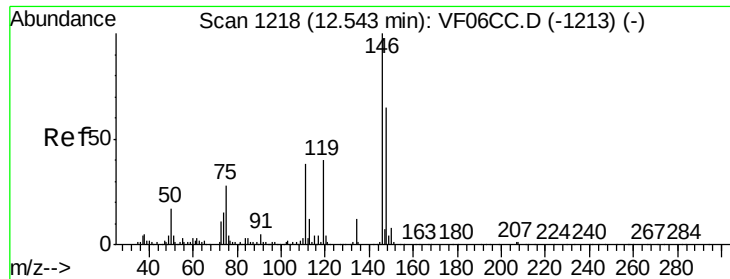


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VF0

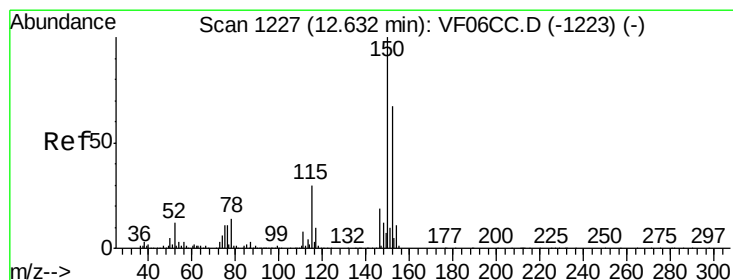
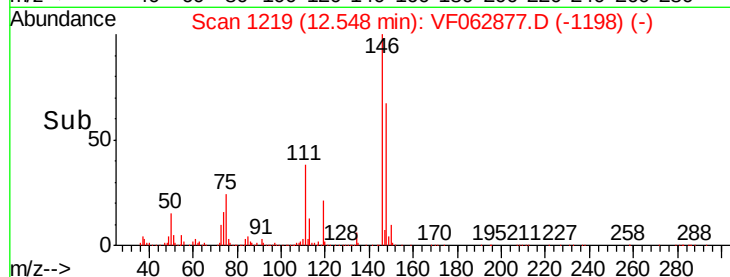
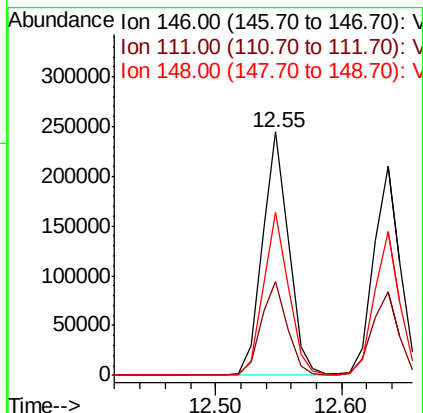
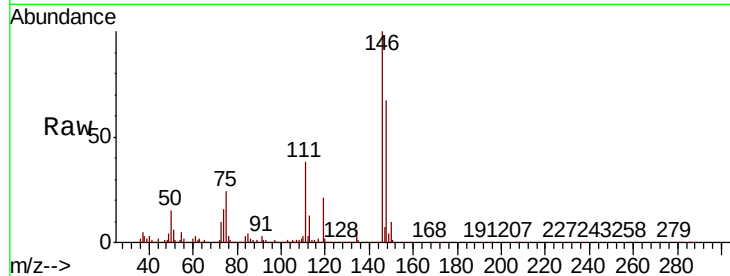




#87
 1,3-Dichlorobenzene
 Concen: 20.409 ug/l
 RT: 12.55 min Scan# 1219
 Delta R.T. 0.00 min
 Lab File: VF062877.D
 Acq: 6 Jun 2019 12:39

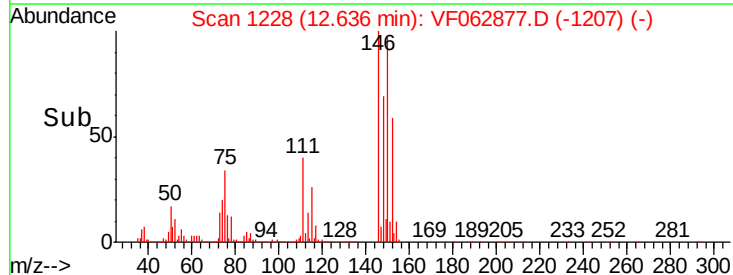
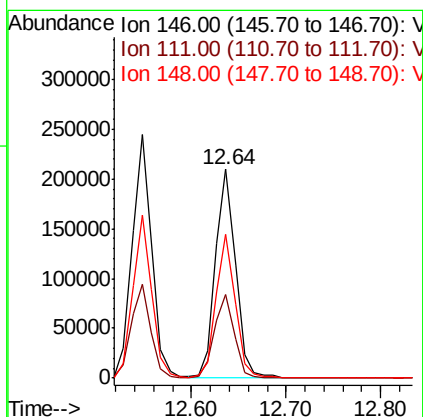
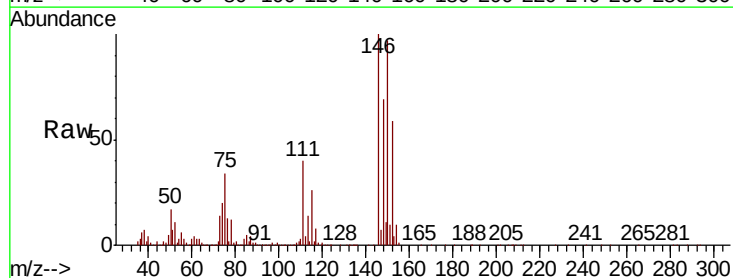
Instrument :
 MSVOA_F
 ClientSampleId :
 VF0606SBS01

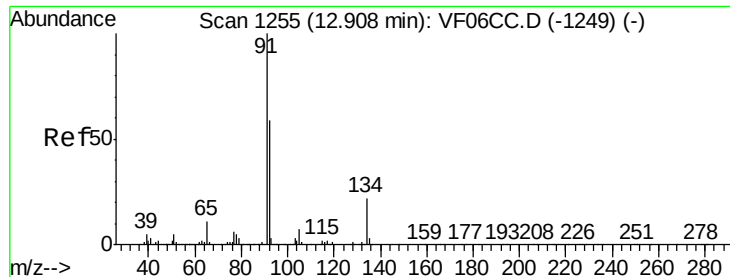
Tot Ion:146 Resp: 354988
 Ion Ratio Lower Upper
 146 100
 111 38.4 19.6 58.8
 148 67.2 34.2 102.5



#88
 1,4-Dichlorobenzene
 Concen: 19.173 ug/l
 RT: 12.64 min Scan# 1228
 Delta R.T. 0.00 min
 Lab File: VF062877.D
 Acq: 6 Jun 2019 12:39

Tgt Ion:146 Resp: 311226
 Ion Ratio Lower Upper
 146 100
 111 40.2 20.3 60.9
 148 68.9 34.0 101.8

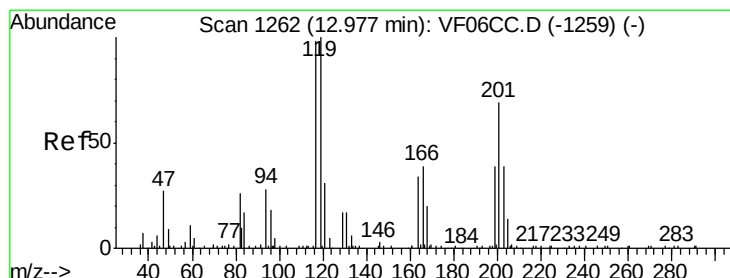
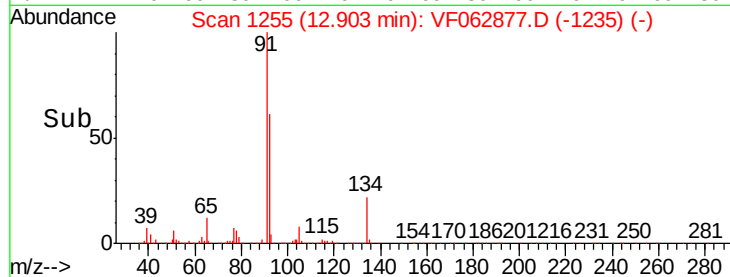
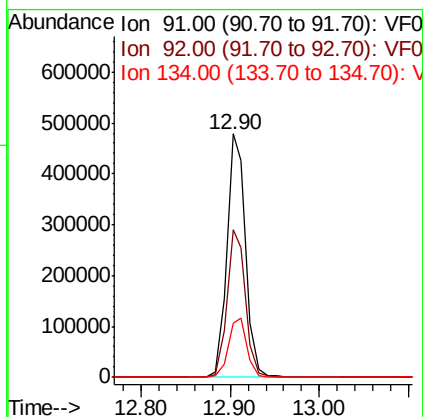
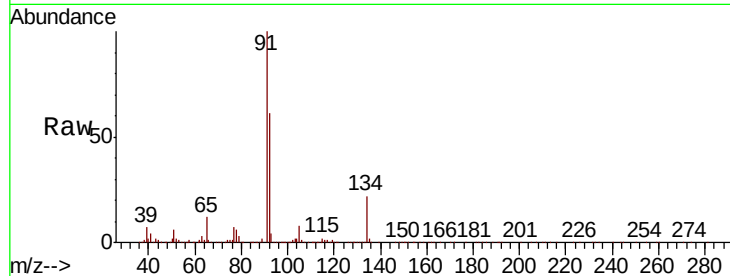




#89
n-Butylbenzene
Concen: 20.291 ug/l
RT: 12.90 min Scan# 1255
Delta R.T. -0.01 min
Lab File: VF062877.D
Acq: 6 Jun 2019 12:39

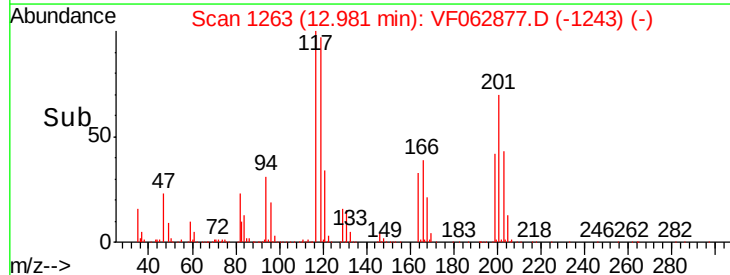
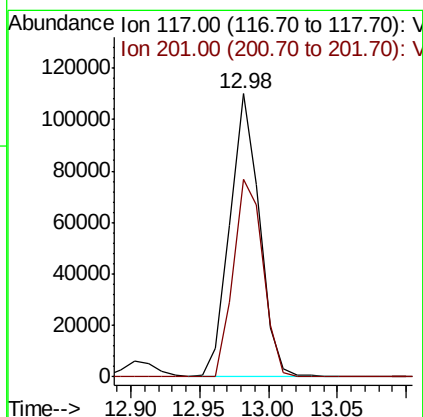
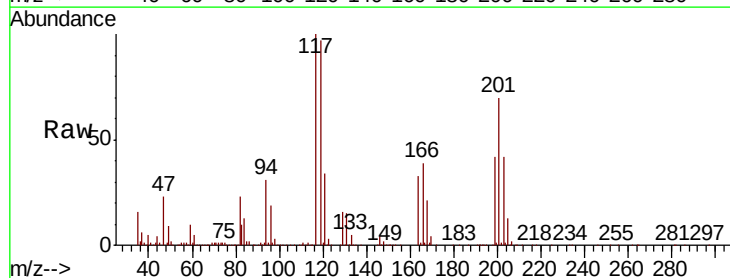
Instrument :
MSVOA_F
ClientSampleId :
VF0606SBS01

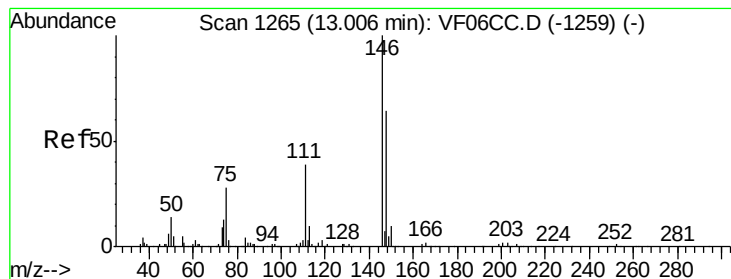
Tot Ion: 91 Resp: 712090
Ion Ratio Lower Upper
91 100
92 60.9 34.2 102.6
134 22.1 15.8 47.3



#90
Hexachloroethane
Concen: 19.276 ug/l
RT: 12.98 min Scan# 1263
Delta R.T. -0.01 min
Lab File: VF062877.D
Acq: 6 Jun 2019 12:39

Tgt Ion: 117 Resp: 164014
Ion Ratio Lower Upper
117 100
201 69.8 38.9 116.7





#91

1,2-Dichlorobenzene

Concen: 20.019 ug/l

RT: 13.01 min Scan# 1266

Delta R.T. 0.00 min

Lab File: VF062877.D

Acq: 6 Jun 2019 12:39

Instrument :

MSVOA_F

ClientSampleId :

VF0606SBS01

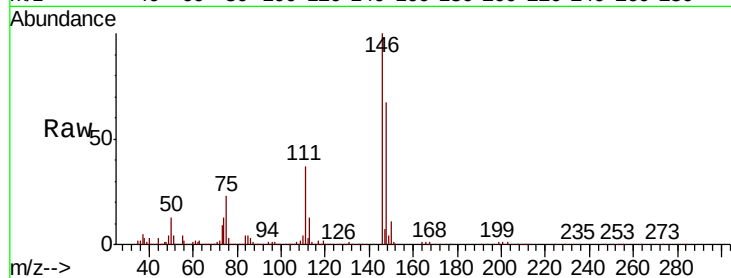
Tot Ion:146 Resp: 306055

Ion Ratio Lower Upper

146 100

111 36.6 20.4 61.3

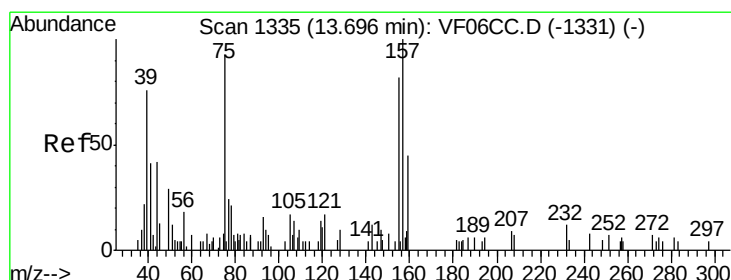
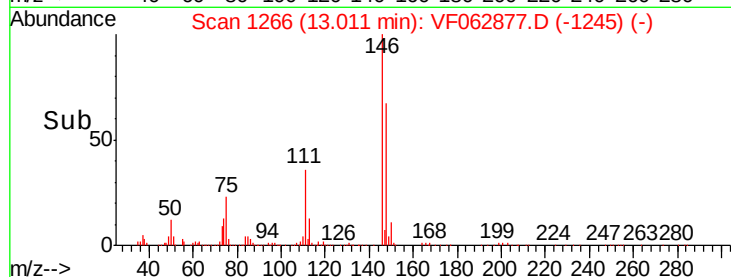
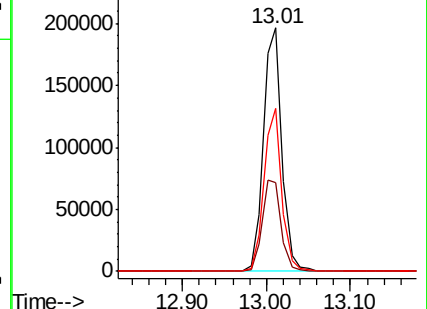
148 67.0 34.1 102.3



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: 19.520 ug/l

RT: 13.70 min Scan# 1336

Delta R.T. 0.00 min

Lab File: VF062877.D

Acq: 6 Jun 2019 12:39

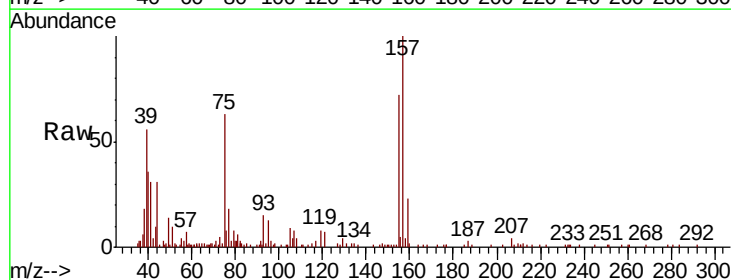
Tgt Ion: 75 Resp: 17827

Ion Ratio Lower Upper

75 100

155 115.3 51.7 155.1

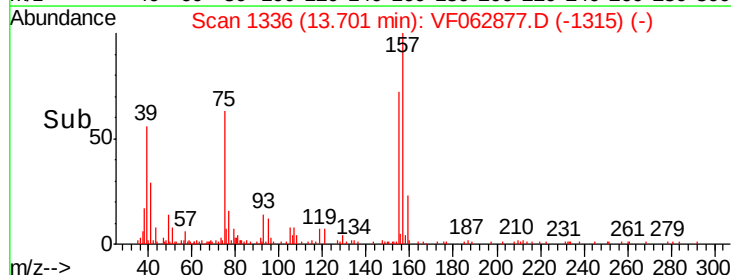
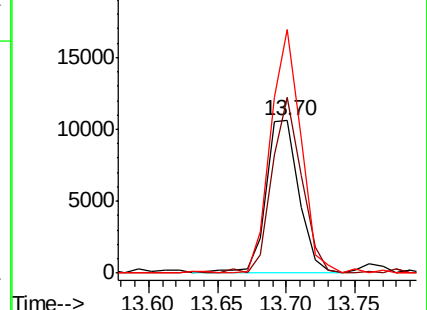
157 166.2 66.8 200.6

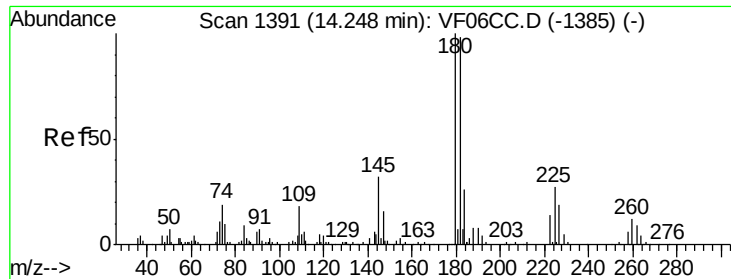


Abundance Ion 75.00 (74.70 to 75.70): VF0

Ion 155.00 (154.70 to 155.70): V

Ion 157.00 (156.70 to 157.70): V

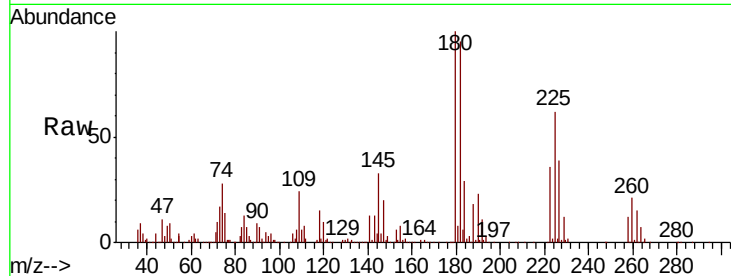




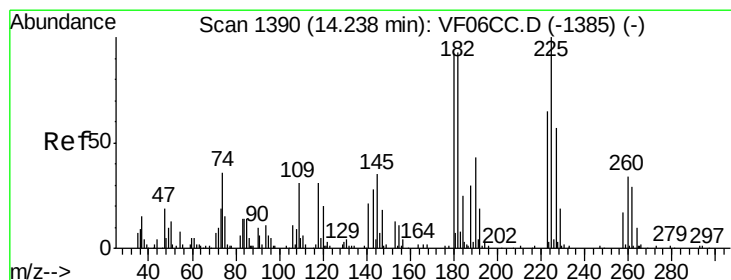
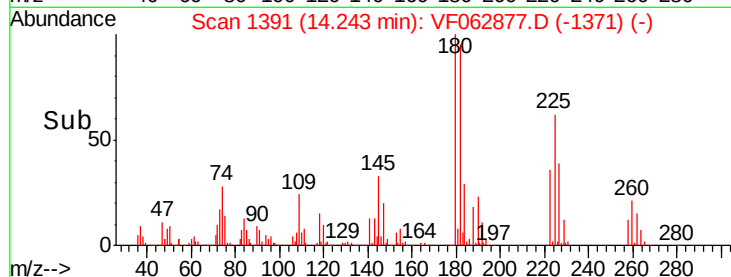
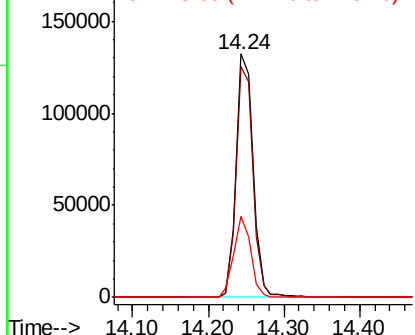
#93
 1,2,4-Trichlorobenzene
 Concen: 19.437 ug/l
 RT: 14.24 min Scan# 1391
 Delta R.T. -0.01 min
 Lab File: VF062877.D
 Acq: 6 Jun 2019 12:39

Instrument :
 MSVOA_F
 ClientSampleId :
 VF0606SBS01

Tot Ion:180 Resp: 204040
 Ion Ratio Lower Upper
 180 100
 182 94.9 50.3 150.9
 145 33.4 15.4 46.2

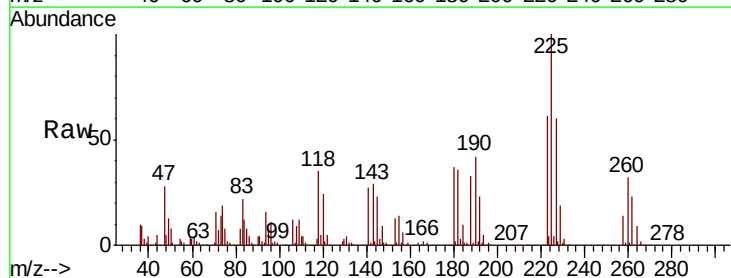


Abundance Ion 180.00 (179.70 to 180.70): V
 Ion 182.00 (181.70 to 182.70): V
 Ion 145.00 (144.70 to 145.70): V

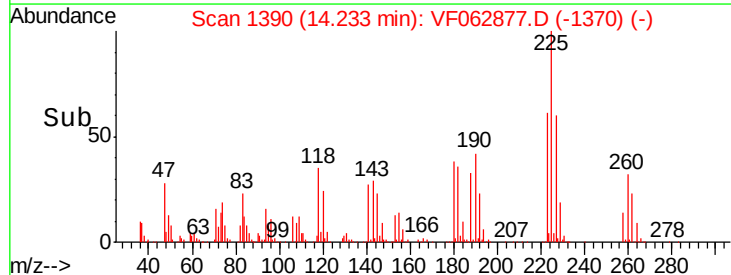
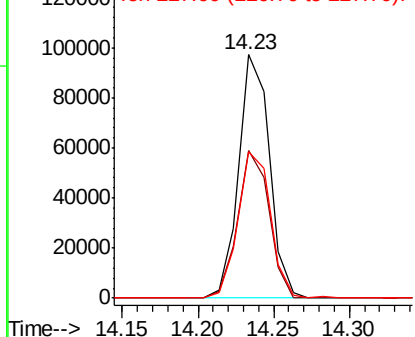


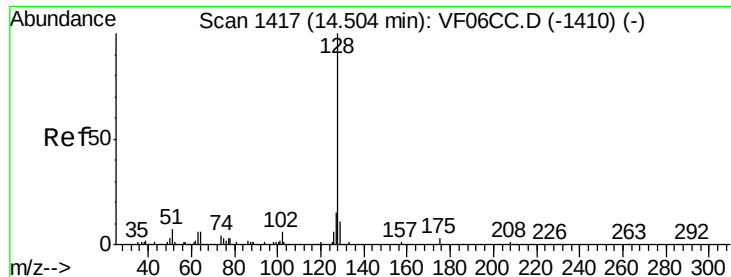
#94
 Hexachlorobutadiene
 Concen: 18.942 ug/l
 RT: 14.23 min Scan# 1390
 Delta R.T. -0.01 min
 Lab File: VF062877.D
 Acq: 6 Jun 2019 12:39

Tgt Ion:225 Resp: 137559
 Ion Ratio Lower Upper
 225 100
 223 60.9 30.8 92.4
 227 60.1 31.9 95.5



Abundance Ion 225.00 (224.70 to 225.70): V
 Ion 223.00 (222.70 to 223.70): V
 Ion 227.00 (226.70 to 227.70): V

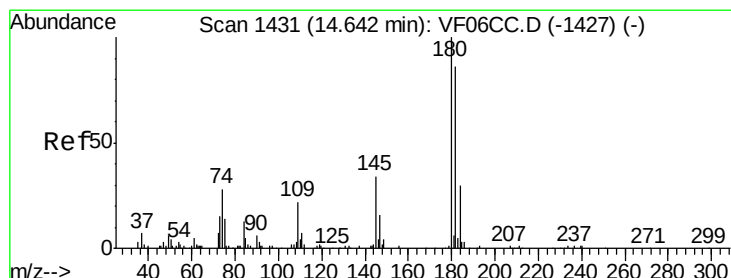
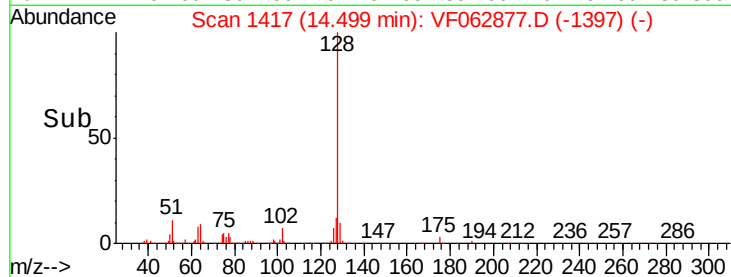
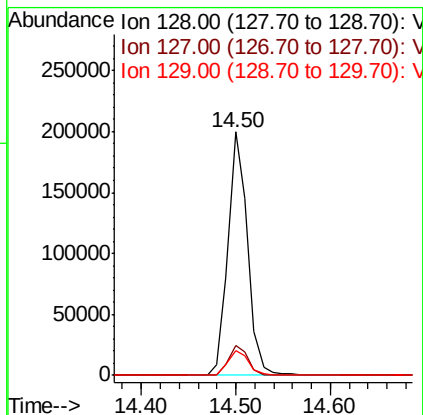
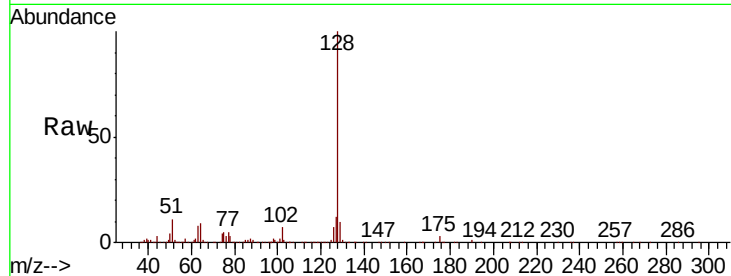




#95
Naphthalene
Concen: 16.656 ug/l
RT: 14.50 min Scan# 1417
Delta R.T. -0.01 min
Lab File: VF062877.D
Acq: 6 Jun 2019 12:39

Instrument :
MSVOA_F
ClientSampled :
VF0606SBS01

Tot Ion:128 Resp: 286437
Ion Ratio Lower Upper
128 100
127 12.1 9.7 14.5
129 9.9 9.4 14.2



#96
1,2,3-Trichlorobenzene
Concen: 16.945 ug/l
RT: 14.65 min Scan# 1432
Delta R.T. 0.00 min
Lab File: VF062877.D
Acq: 6 Jun 2019 12:39

Tgt Ion:180 Resp: 162371
Ion Ratio Lower Upper
180 100
182 99.3 48.6 145.9
145 30.9 15.7 47.0

