

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF060619\
 Data File : VF062878.D
 Acq On : 6 Jun 2019 13:07
 Operator : FY/SY
 Sample : VF0606SBSD01
 Misc : 5.00g/5mL/MSVOA F/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 VF0606SBSD01

Quant Time: Jun 07 01:23:36 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	816189	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.80	114	1355300	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.93	117	1151130	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.62	152	530599	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	267941	47.47	ug/l	0.00
Spiked Amount			Recovery	=	94.94%	
35) Dibromofluoromethane	4.33	113	468737	45.77	ug/l	0.00
Spiked Amount			Recovery	=	91.54%	
50) Toluene-d8	7.73	98	1207056	46.61	ug/l	0.00
Spiked Amount			Recovery	=	93.22%	
62) 4-Bromofluorobenzene	11.50	95	469777	50.43	ug/l	0.00
Spiked Amount			Recovery	=	100.86%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.01	85	219641	21.312	ug/l	96
3) Chloromethane	1.14	50	186749	22.113	ug/l	96
4) Vinyl Chloride	1.19	62	170151	20.275	ug/l	98
5) Bromomethane	1.41	94	97682	20.410	ug/l	98
6) Chloroethane	1.45	64	66824	21.297	ug/l #	79
7) Trichlorofluoromethane	1.57	101	259486	21.841	ug/l	98
8) Diethyl Ether	1.72	74	48483	20.742	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	1.92	101	153562	20.559	ug/l	97
10) Methyl Iodide	2.00	142	310598	20.739	ug/l #	97
11) Tert butyl alcohol	2.71	59	34228	100.109	ug/l	98
12) 1,1-Dichloroethene	1.88	96	140423	20.704	ug/l	98
13) Acrolein	2.12	56	13887	96.651	ug/l #	64
14) Allyl chloride	2.21	41	143480	27.268	ug/l	96
15) Acrylonitrile	3.12	53	100675	78.362	ug/l #	80
16) Acetone	2.37	43	122785	95.051	ug/l #	89
17) Carbon Disulfide	1.92	76	403089	20.334	ug/l	97
18) Methyl Acetate	2.47	43	43717	19.366	ug/l	93
19) Methyl tert-butyl Ether	2.56	73	252863	20.578	ug/l #	92
20) Methylene Chloride	2.35	84	80681	10.089	ug/l	93
21) trans-1,2-Dichloroethene	2.44	96	146415	21.530	ug/l	91
22) Diisopropyl ether	2.96	45	294945	19.729	ug/l	92
23) Vinyl Acetate	3.36	43	1000954	97.802	ug/l	97
24) 1,1-Dichloroethane	3.04	63	222721	19.954	ug/l	99
25) 2-Butanone	4.54	43	291274	96.824	ug/l	99
26) 2,2-Dichloropropane	3.81	77	135925	21.447	ug/l	96
27) cis-1,2-Dichloroethene	3.67	96	231023	20.210	ug/l	95
28) Bromochloromethane	3.92	49	124639	20.528	ug/l	81
29) Tetrahydrofuran	4.29	42	116835	101.544	ug/l	97
30) Chloroform	4.07	83	332028	21.106	ug/l	98
31) Cyclohexane	3.89	56	297390	19.679	ug/l	90
32) 1,1,1-Trichloroethane	4.32	97	220554	24.080	ug/l	95
36) 1,1-Dichloropropene	4.50	75	248128	19.887	ug/l	96
37) Ethyl Acetate	4.33	43	98281	20.606	ug/l #	83
38) Carbon Tetrachloride	4.21	117	189598	22.485	ug/l	96

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Instrument :
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 Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	5.66	83	308215	19.848	ug/l	97
40) Benzene	4.84	78	768398	21.161	ug/l	100
41) Methacrylonitrile	4.95	41	49689	18.740	ug/l #	88
42) 1,2-Dichloroethane	5.16	62	145092	21.009	ug/l	99
43) Isopropyl Acetate	7.14	43	127628	20.257	ug/l	95
44) Trichloroethene	5.71	130	206769	20.176	ug/l	96
45) 1,2-Dichloropropane	6.43	63	189074	20.749	ug/l	99
46) Dibromomethane	6.28	93	106918	20.097	ug/l	89
47) Bromodichloromethane	6.58	83	226644	20.918	ug/l	97
48) Methyl methacrylate	6.90	41	59377	18.287	ug/l	95
49) 1,4-Dioxane	6.90	88	16019	374.279	ug/l #	87
51) 4-Methyl-2-Pentanone	8.42	43	481849	107.121	ug/l	94
52) Toluene	7.80	92	402176	20.563	ug/l	93
53) t-1,3-Dichloropropene	8.44	75	184738	20.576	ug/l	99
54) cis-1,3-Dichloropropene	7.48	75	268431	20.654	ug/l	97
55) 1,1,2-Trichloroethane	8.66	97	119957	20.530	ug/l	96
56) Ethyl methacrylate	8.77	69	132956	21.207	ug/l	99
57) 1,3-Dichloropropane	9.01	76	227765	23.871	ug/l	94
58) 2-Chloroethyl Vinyl ether	7.47	63	233942	106.772	ug/l	99
59) 2-Hexanone	9.64	43	385121	120.120	ug/l	98
60) Dibromochloromethane	8.88	129	162024	22.398	ug/l	91
61) 1,2-Dibromoethane	9.15	107	141059	23.245	ug/l	87
64) Tetrachloroethene	8.33	164	159734	18.058	ug/l	97
65) Chlorobenzene	9.95	112	448371	20.170	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.07	131	168017	18.978	ug/l	95
67) Ethyl Benzene	10.04	91	782394	20.510	ug/l	96
68) m/p-Xylenes	10.27	106	564103	38.643	ug/l	80
69) o-Xylene	10.83	106	297025	20.097	ug/l	98
70) Styrene	10.90	104	451708	20.735	ug/l	99
71) Bromoform	10.89	173	83556	19.674	ug/l #	99
73) Isopropylbenzene	11.23	105	803875	21.713	ug/l	93
74) N-amyl acetate	11.45	43	219030	20.991	ug/l	94
75) 1,1,2,2-Tetrachloroethane	11.78	83	167434	21.177	ug/l	97
76) 1,2,3-Trichloropropane	11.88	75	106654	20.351	ug/l	87
77) Bromobenzene	11.59	156	191958	20.635	ug/l	89
78) n-propylbenzene	11.68	91	953713	21.335	ug/l	90
79) 2-Chlorotoluene	11.81	91	512644	20.042	ug/l	99
80) 1,3,5-Trimethylbenzene	11.91	105	630820	20.835	ug/l	96
81) trans-1,4-Dichloro-2-buten	11.95	75	57835	26.066	ug/l	94
82) 4-Chlorotoluene	11.99	91	518754	20.637	ug/l	100
83) tert-Butylbenzene	12.20	119	628083	20.936	ug/l	97
84) 1,2,4-Trimethylbenzene	12.28	105	596200	20.769	ug/l	97
85) sec-Butylbenzene	12.38	105	821860	20.790	ug/l	96
86) p-Isopropyltoluene	12.53	119	680639	20.685	ug/l	96
87) 1,3-Dichlorobenzene	12.55	146	332551	20.270	ug/l	97
88) 1,4-Dichlorobenzene	12.64	146	313928	20.504	ug/l	95
89) n-Butylbenzene	12.90	91	709326	21.430	ug/l	87
90) Hexachloroethane	12.98	117	161083	20.072	ug/l	81
91) 1,2-Dichlorobenzene	13.01	146	276431	19.170	ug/l	95
92) 1,2-Dibromo-3-Chloropropan	13.70	75	16770	19.469	ug/l	97

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_F\METHODS\82F053019S.M
Quant Title : SW846 8260
QLast Update : Fri May 31 04:18:30 2019
Response via : Initial Calibration

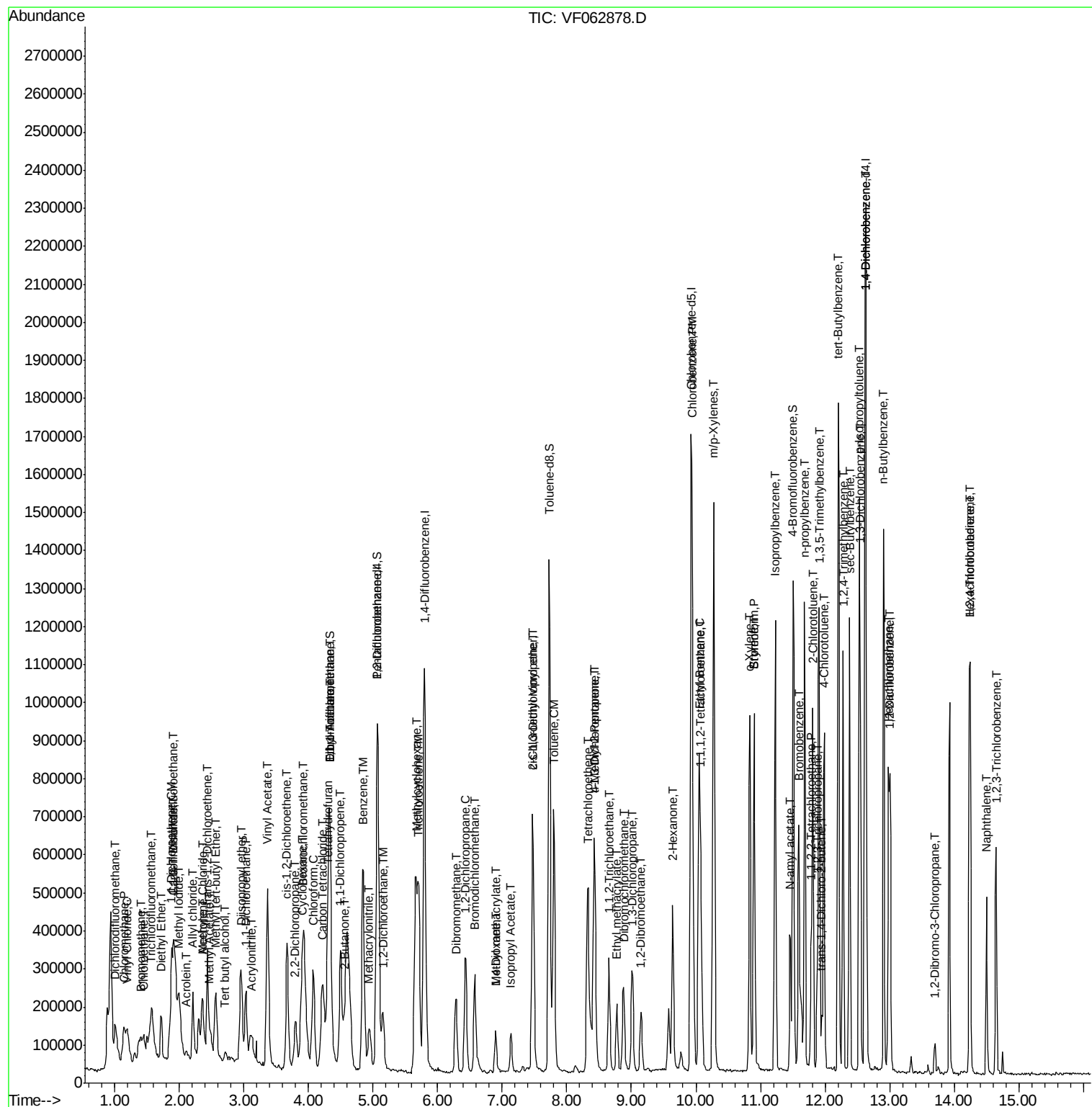
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.24	180	182569	18.440	ug/l	96
94) Hexachlorobutadiene	14.23	225	131633	19.218	ug/l	99
95) Naphthalene	14.50	128	304915	18.798	ug/l	97
96) 1,2,3-Trichlorobenzene	14.65	180	174233	19.278	ug/l	98

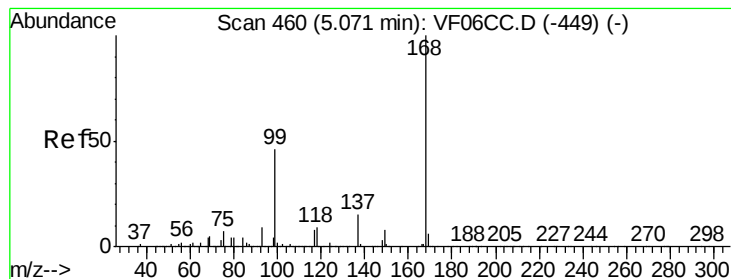
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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 Quant Title : SW846 8260
 QLast Update : Fri May 31 04:18:30 2019
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.08 min Scan# 461

Delta R.T. 0.00 min

Lab File: VF062878.D

Acq: 6 Jun 2019 13:07

Instrument :

MSVOA_F

ClientSampleId :

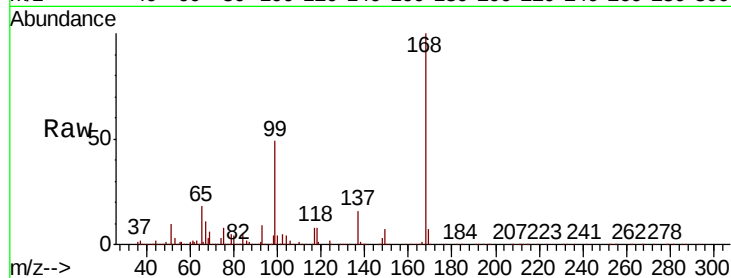
VF0606SBSD01

Tot Ion:168 Resp: 816189

Ion Ratio Lower Upper

168 100

99 49.0 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

250000

200000

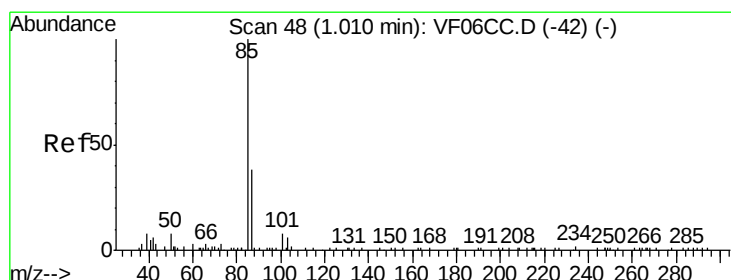
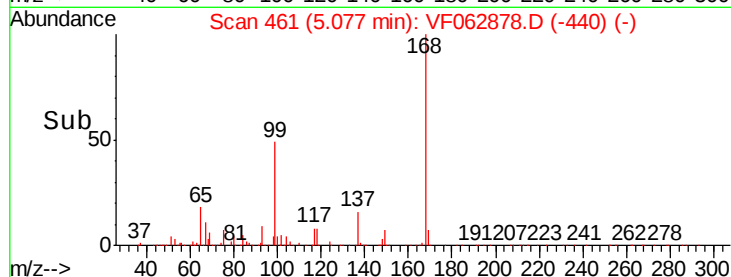
150000

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 21.312 ug/l

RT: 1.01 min Scan# 48

Delta R.T. -0.01 min

Lab File: VF062878.D

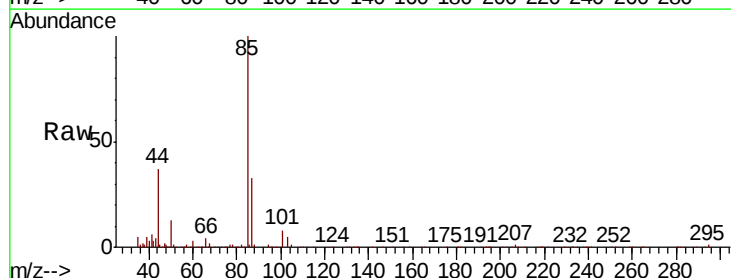
Acq: 6 Jun 2019 13:07

Tgt Ion: 85 Resp: 219641

Ion Ratio Lower Upper

85 100

87 33.1 17.6 52.9



Abundance Ion 85.00 (84.70 to 85.70): VF0

Ion 87.00 (86.70 to 87.70): VF0

1.01

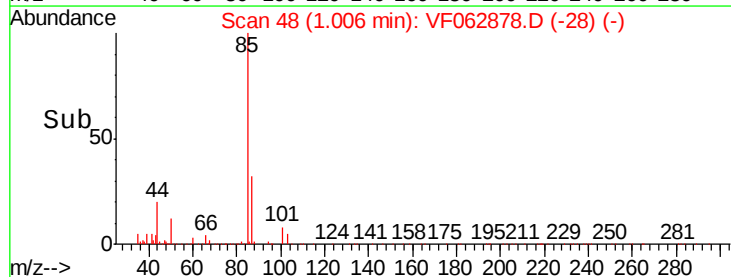
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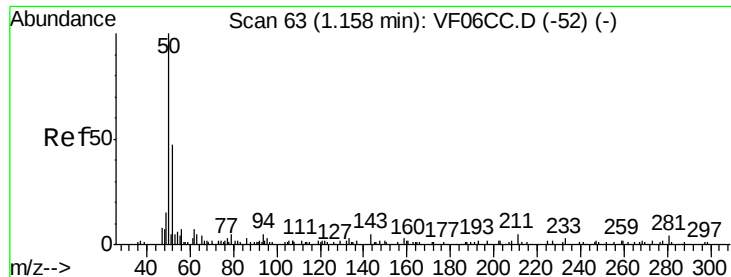
40000

20000

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Time-->





#3

Chloromethane

Concen: 22.113 ug/l

RT: 1.14 min Scan# 62

Delta R.T. -0.01 min

Lab File: VF062878.D

Acq: 6 Jun 2019 13:07

Instrument :

MSVOA_F

ClientSampleId :

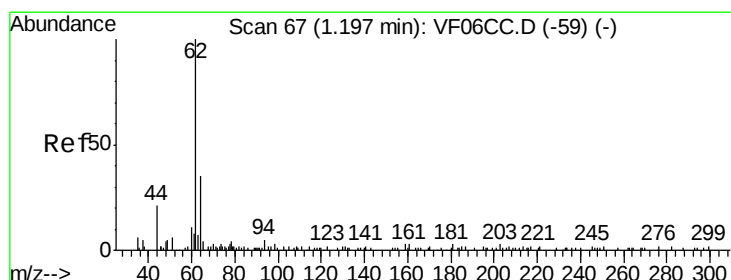
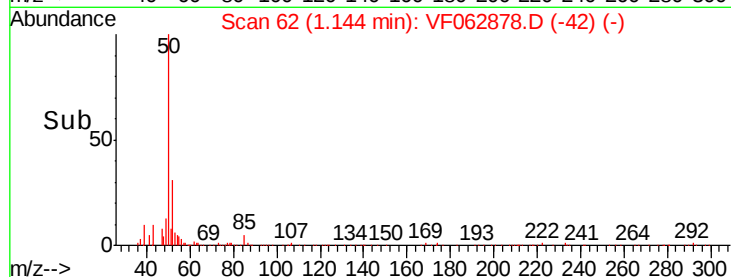
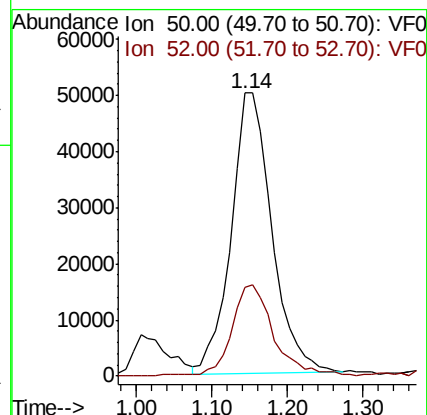
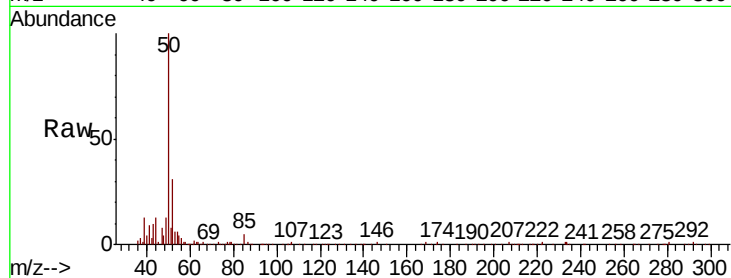
VF0606SBSD01

Tot Ion: 50 Resp: 186749

Ion Ratio Lower Upper

50 100

52 31.5 27.0 40.4



#4

Vinyl Chloride

Concen: 20.275 ug/l

RT: 1.19 min Scan# 67

Delta R.T. -0.01 min

Lab File: VF062878.D

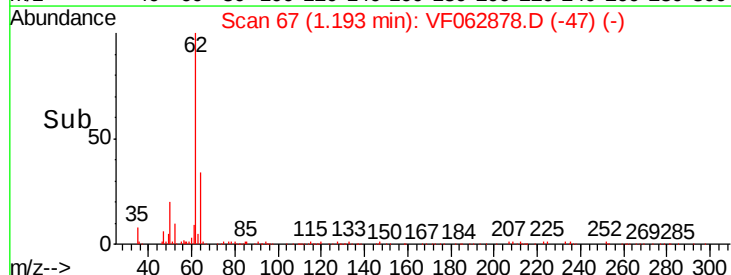
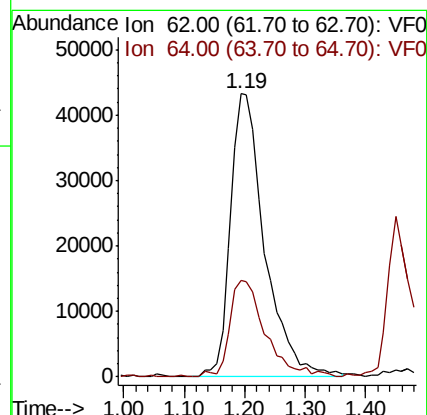
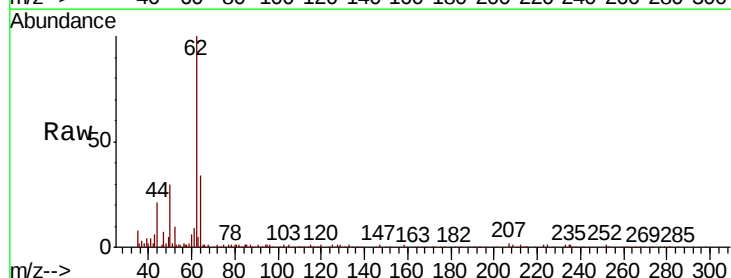
Acq: 6 Jun 2019 13:07

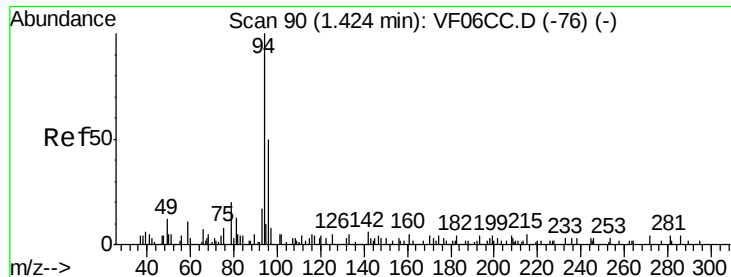
Tgt Ion: 62 Resp: 170151

Ion Ratio Lower Upper

62 100

64 34.1 26.2 39.2





#5

Bromomethane

Concen: 20.410 ug/l

RT: 1.41 min Scan# 89

Delta R.T. 0.00 min

Lab File: VF062878.D

Acq: 6 Jun 2019 13:07

Instrument :

MSVOA_F

ClientSampleId :

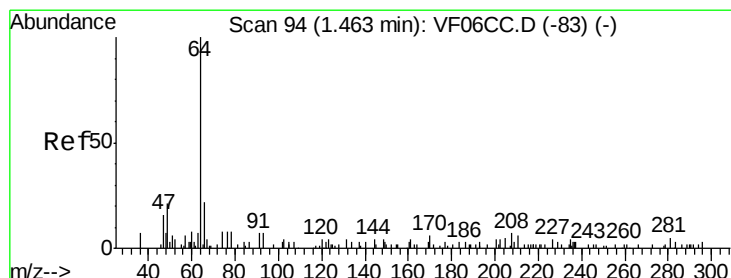
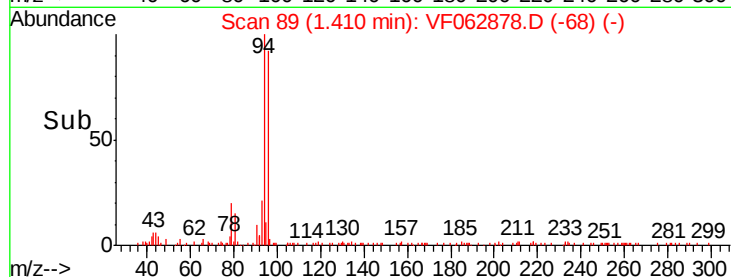
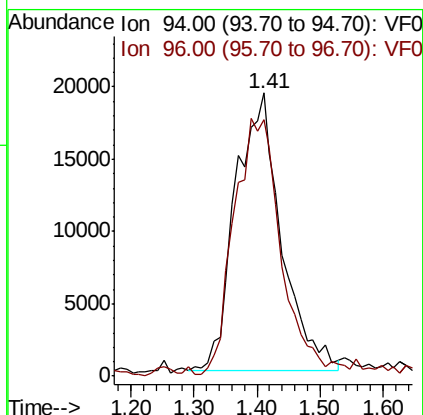
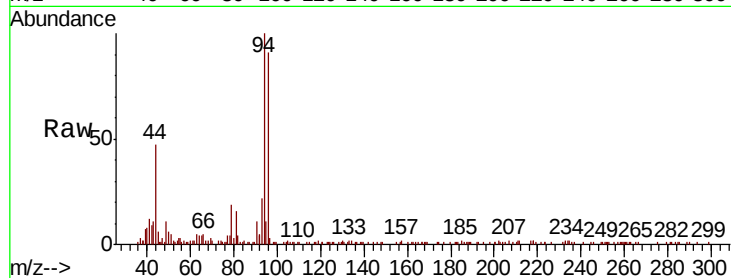
VF0606SBSD01

Tot Ion: 94 Resp: 97682

Ion Ratio Lower Upper

94 100

96 90.8 73.8 110.6



#6

Chloroethane

Concen: 21.297 ug/l

RT: 1.45 min Scan# 93

Delta R.T. -0.02 min

Lab File: VF062878.D

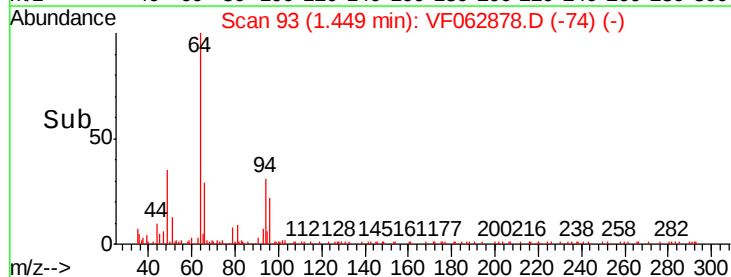
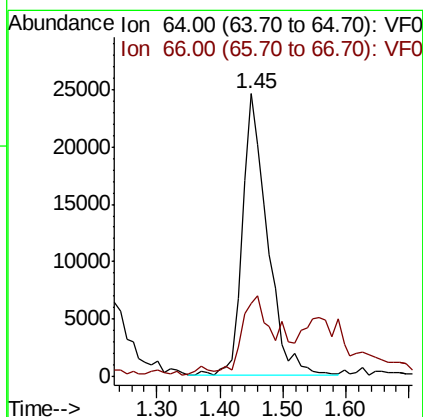
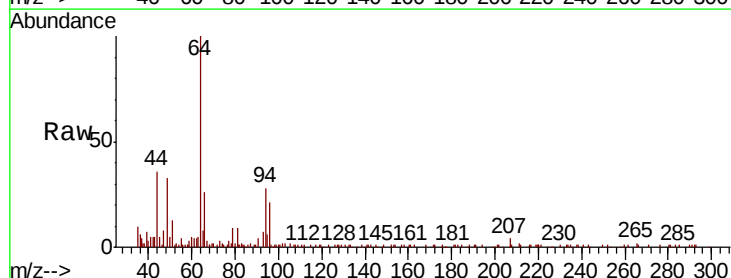
Acq: 6 Jun 2019 13:07

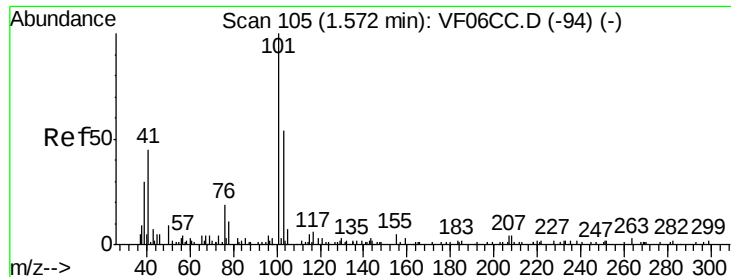
Tgt Ion: 64 Resp: 66824

Ion Ratio Lower Upper

64 100

66 25.9 31.0 46.4#



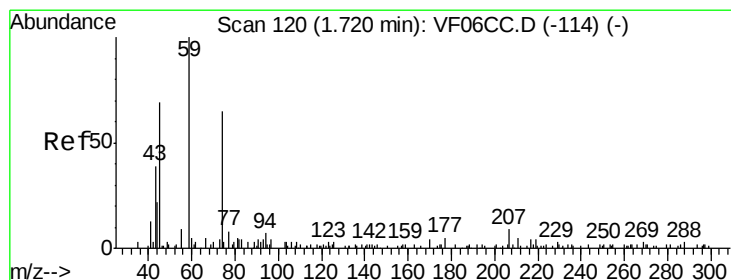
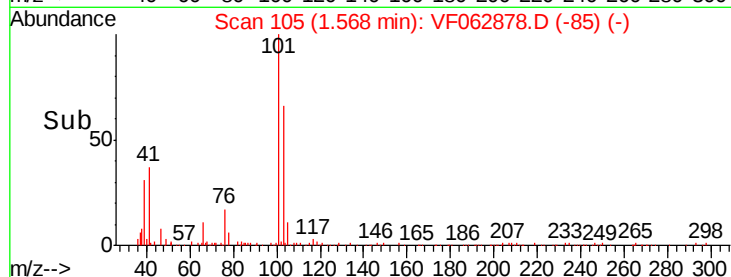
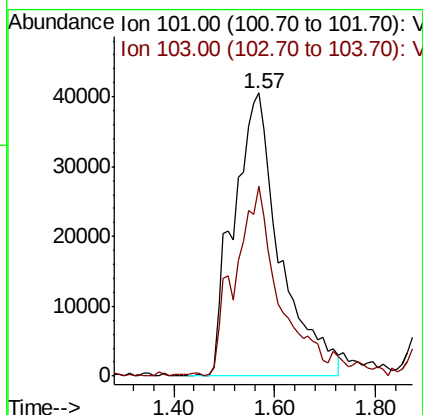
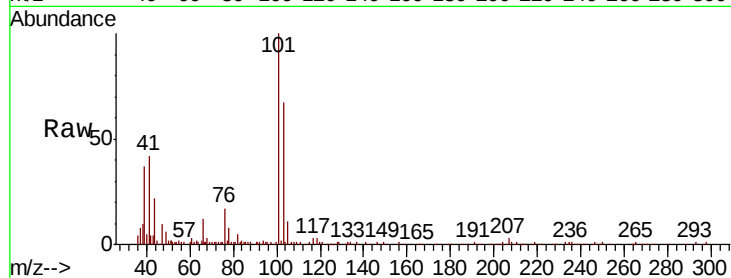


#7

Trichlorofluoromethane
Concen: 21.841 ug/l
RT: 1.57 min Scan# 105
Delta R.T. -0.01 min
Lab File: VF062878.D
Acq: 6 Jun 2019 13:07

Instrument :
MSVOA_F
ClientSampleId :
VF0606SBSD01

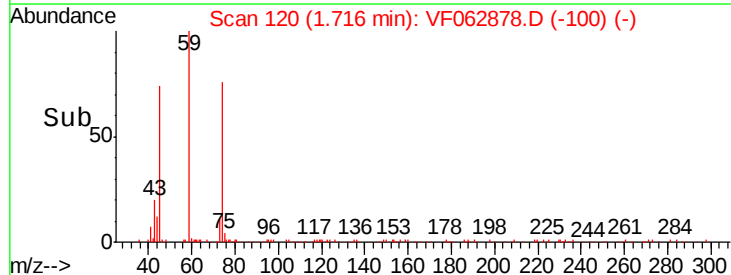
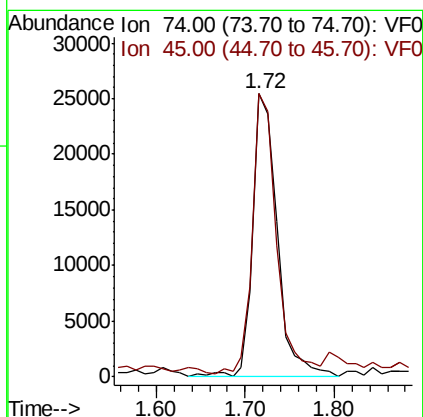
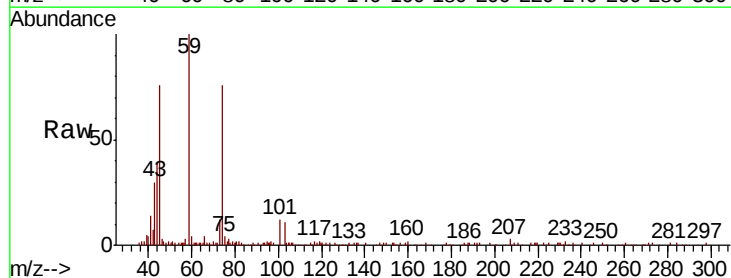
Tot Ion:101 Resp: 259486
Ion Ratio Lower Upper
101 100
103 67.0 54.6 82.0

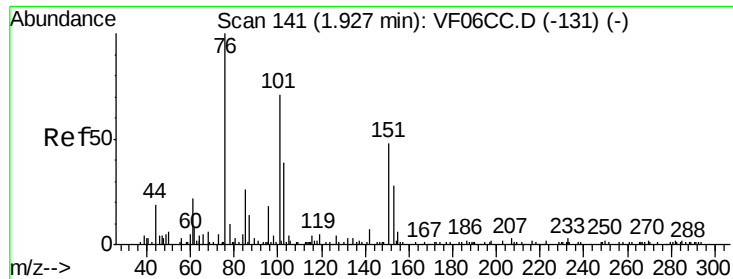


#8

Diethyl Ether
Concen: 20.742 ug/l
RT: 1.72 min Scan# 120
Delta R.T. -0.01 min
Lab File: VF062878.D
Acq: 6 Jun 2019 13:07

Tgt Ion: 74 Resp: 48483
Ion Ratio Lower Upper
74 100
45 100.0 47.5 142.5





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.559 ug/l

RT: 1.92 min Scan# 141

Delta R.T. -0.02 min

Lab File: VF062878.D

Acq: 6 Jun 2019 13:07

Instrument :

MSVOA_F

ClientSampleId :

VF0606SBSD01

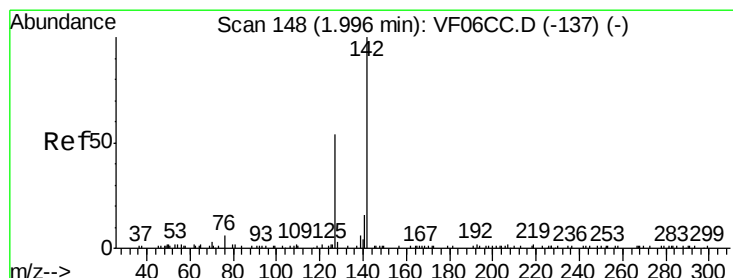
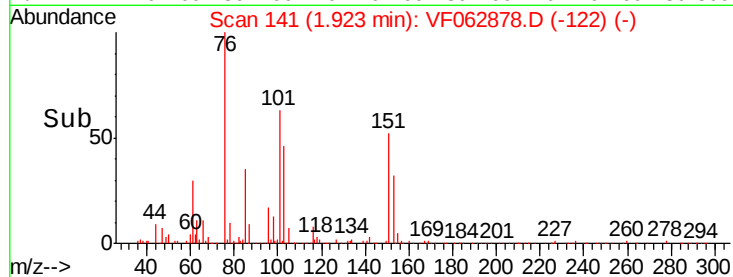
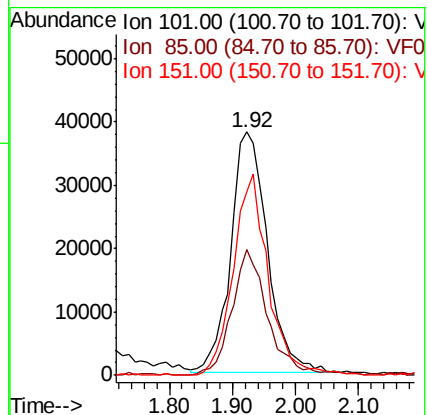
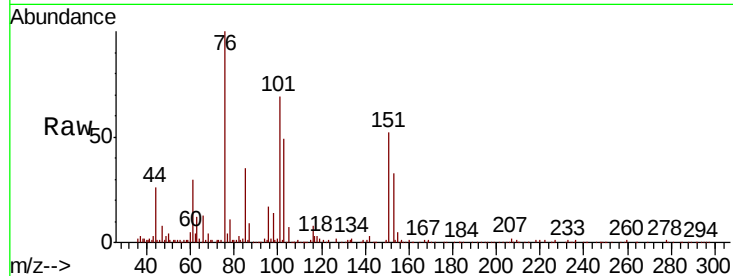
Tot Ion:101 Resp: 153562

Ion Ratio Lower Upper

101 100

85 51.5 37.1 55.7

151 75.3 60.3 90.5



#10

Methyl Iodide

Concen: 20.739 ug/l

RT: 2.00 min Scan# 149

Delta R.T. -0.02 min

Lab File: VF062878.D

Acq: 6 Jun 2019 13:07

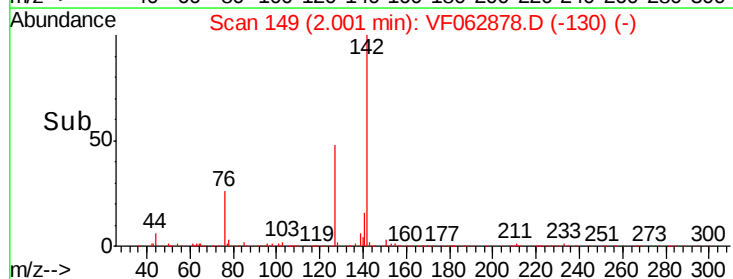
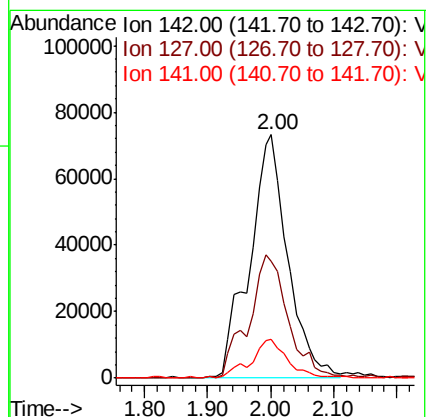
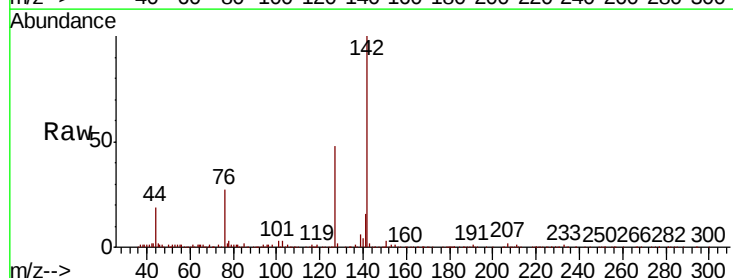
Tgt Ion:142 Resp: 310598

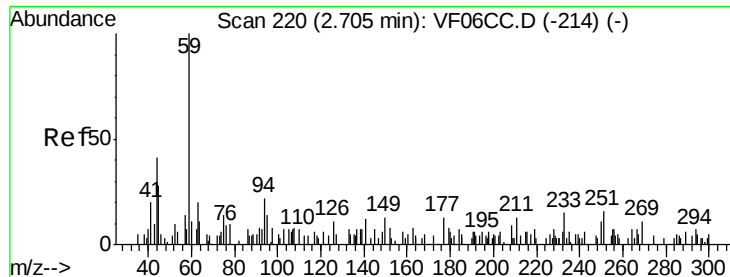
Ion Ratio Lower Upper

142 100

127 48.2 39.4 59.2

141 15.9 10.6 15.8#



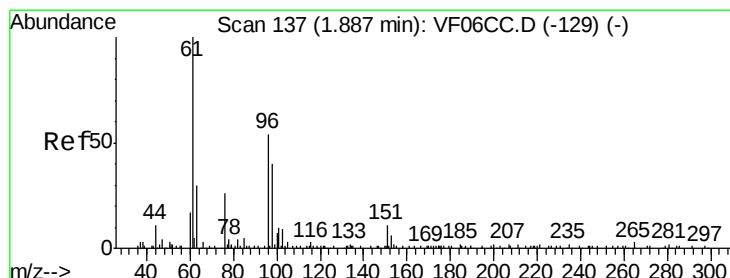
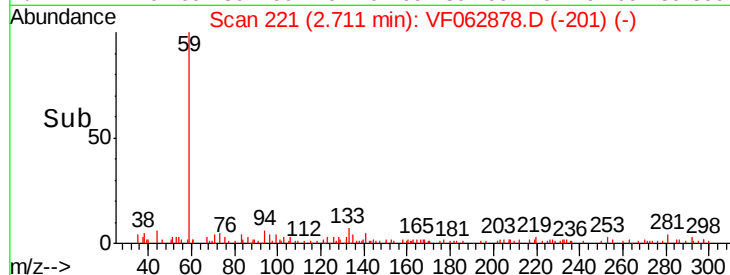
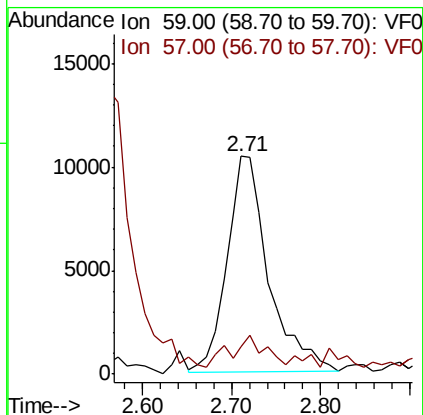
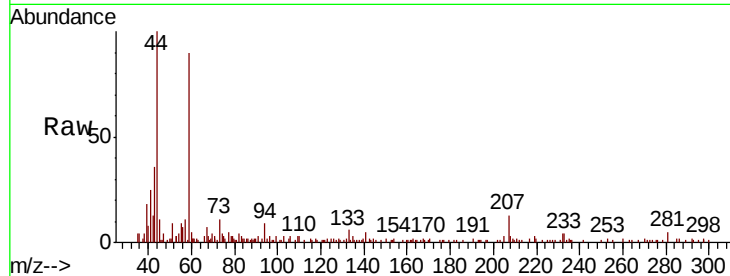


#11

Tert butyl alcohol
 Concen: 100.109 ug/l
 RT: 2.71 min Scan# 221
 Delta R.T. -0.01 min
 Lab File: VF062878.D
 Acq: 6 Jun 2019 13:07

Instrument :
 MSVOA_F
 ClientSampleID :
 VF0606SBSD01

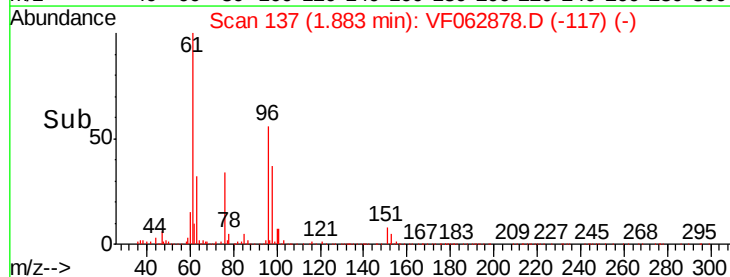
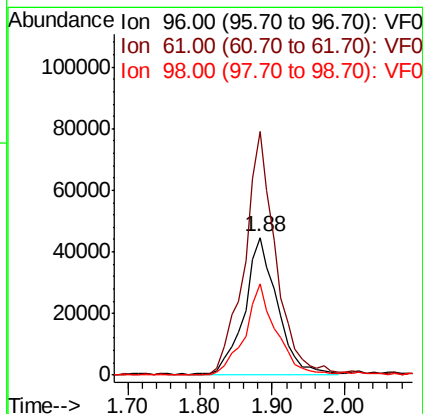
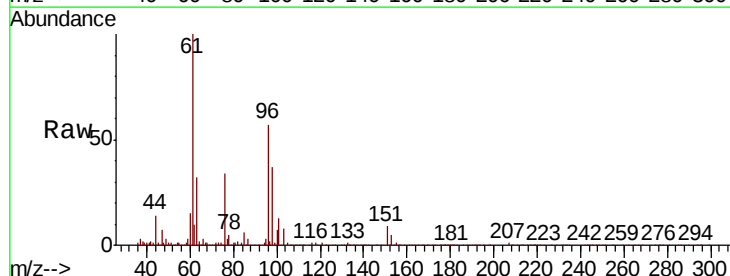
Tot Ion: 59 Resp: 34228
 Ion Ratio Lower Upper
 59 100
 57 12.4 9.2 13.8

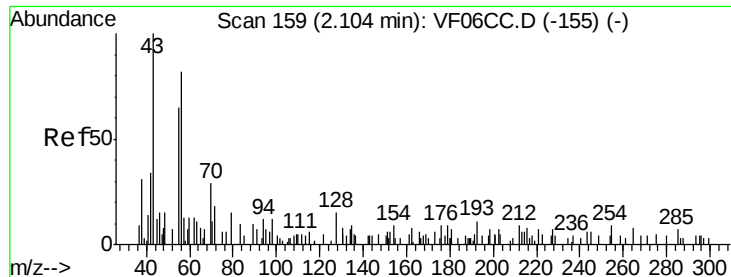


#12

1,1-Dichloroethene
 Concen: 20.704 ug/l
 RT: 1.88 min Scan# 137
 Delta R.T. -0.01 min
 Lab File: VF062878.D
 Acq: 6 Jun 2019 13:07

Tgt Ion: 96 Resp: 140423
 Ion Ratio Lower Upper
 96 100
 61 176.7 139.4 209.2
 98 66.0 50.3 75.5

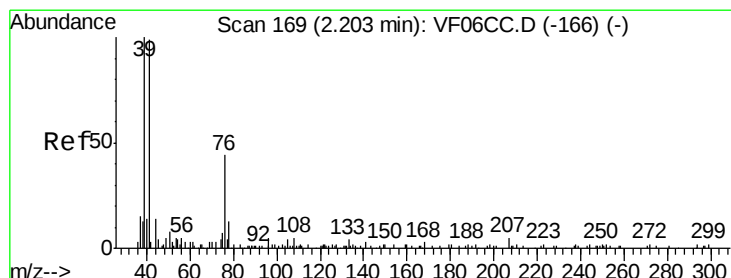
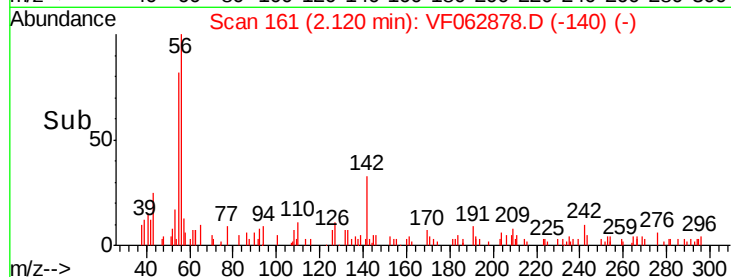
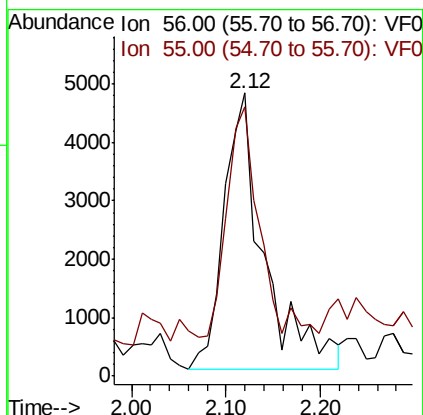
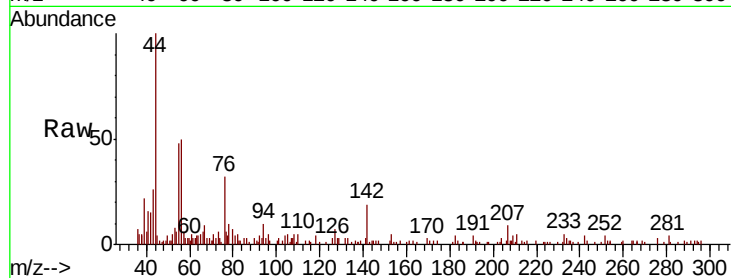




#13
Acrolein
Concen: 96.651 ug/l
RT: 2.12 min Scan# 161
Delta R.T. 0.00 min
Lab File: VF062878.D
Acq: 6 Jun 2019 13:07

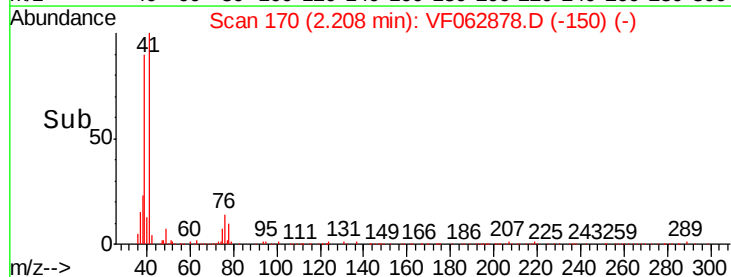
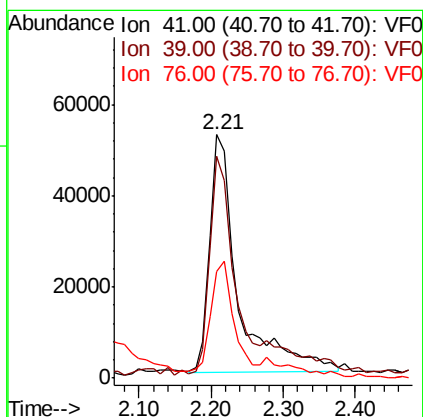
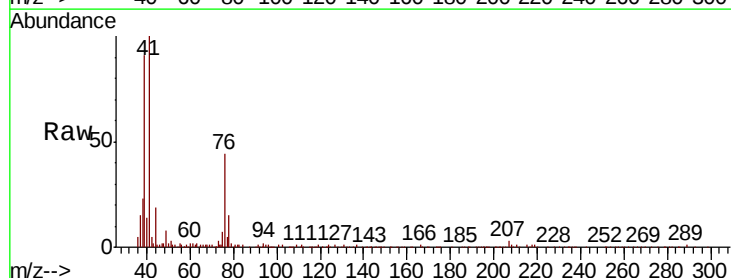
Instrument :
MSVOA_F
ClientSampleId :
VF0606SBSD01

Tot Ion: 56 Resp: 13887
Ion Ratio Lower Upper
56 100
55 95.1 52.9 79.3#



#14
Allyl chloride
Concen: 27.268 ug/l
RT: 2.21 min Scan# 170
Delta R.T. -0.01 min
Lab File: VF062878.D
Acq: 6 Jun 2019 13:07

Tgt Ion: 41 Resp: 143480
Ion Ratio Lower Upper
41 100
39 91.1 71.9 107.9
76 43.9 39.6 59.4

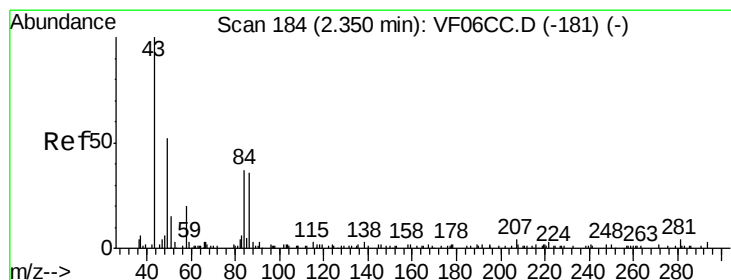
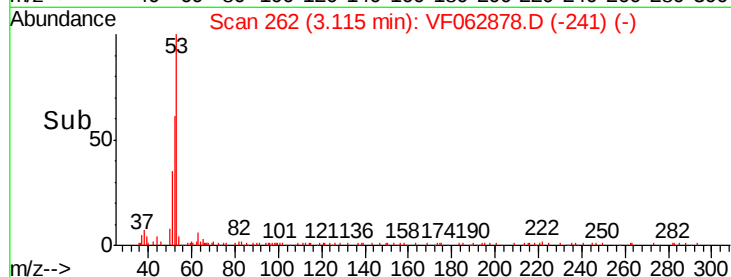
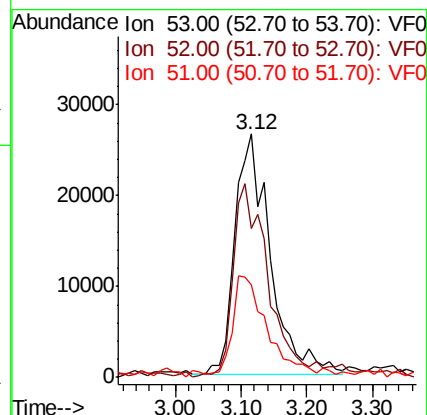
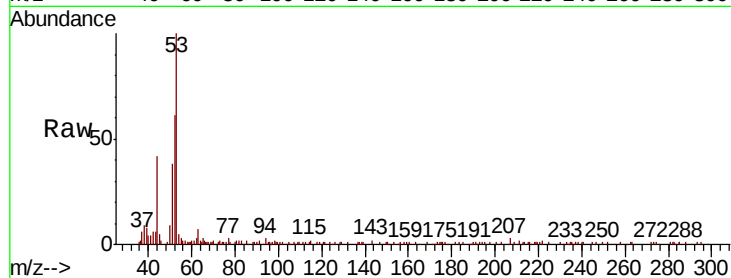




#15
Acrylonitrile
Concen: 78.362 ug/l
RT: 3.12 min Scan# 262
Delta R.T. 0.00 min
Lab File: VF062878.D
Acq: 6 Jun 2019 13:07

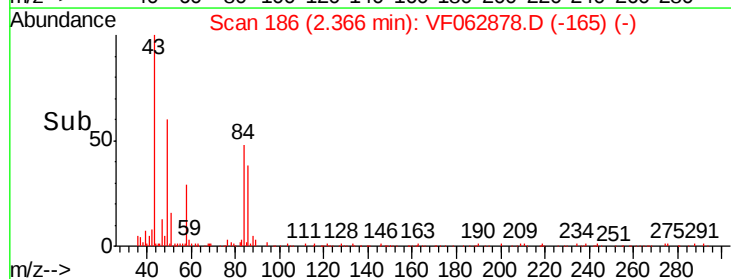
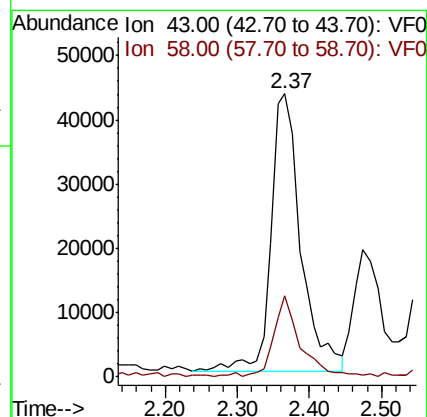
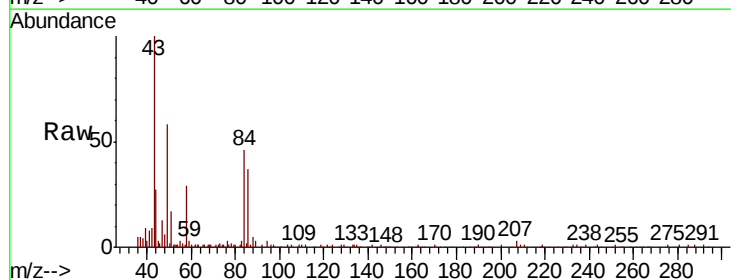
Instrument :
MSVOA_F
ClientSampleId :
VF0606SBSD01

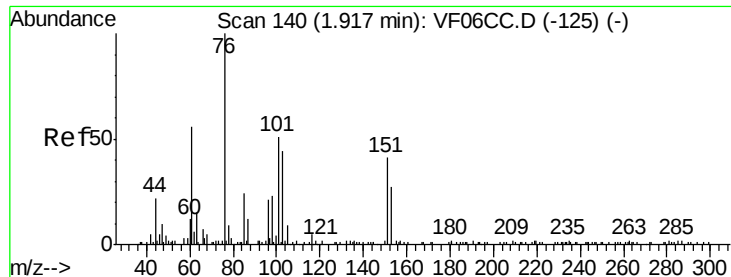
Tot Ion: 53 Resp: 100675
Ion Ratio Lower Upper
53 100
52 61.0 68.1 102.1#
51 37.8 27.7 41.5



#16
Acetone
Concen: 95.051 ug/l
RT: 2.37 min Scan# 186
Delta R.T. 0.00 min
Lab File: VF062878.D
Acq: 6 Jun 2019 13:07

Tgt Ion: 43 Resp: 122785
Ion Ratio Lower Upper
43 100
58 28.9 19.0 28.4#





#17

Carbon Disulfide

Concen: 20.334 ug/l

RT: 1.92 min Scan# 141

Delta R.T. -0.01 min

Lab File: VF062878.D

Acq: 6 Jun 2019 13:07

Instrument :

MSVOA_F

ClientSampleId :

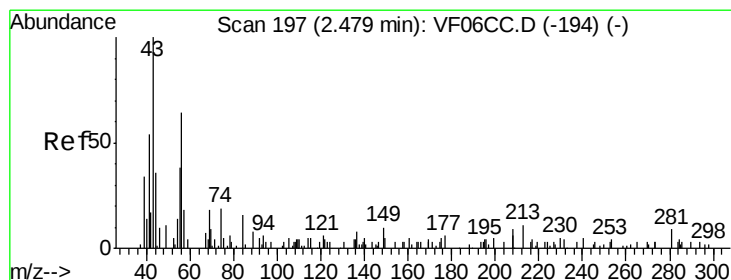
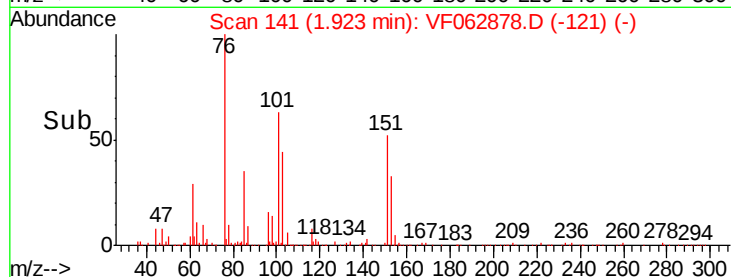
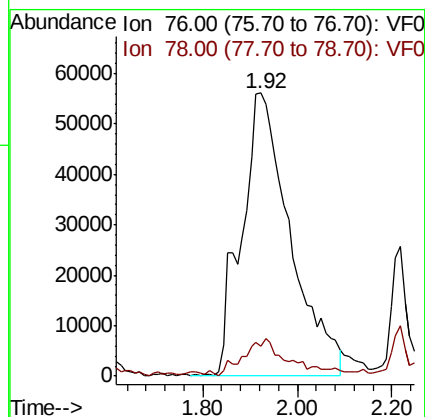
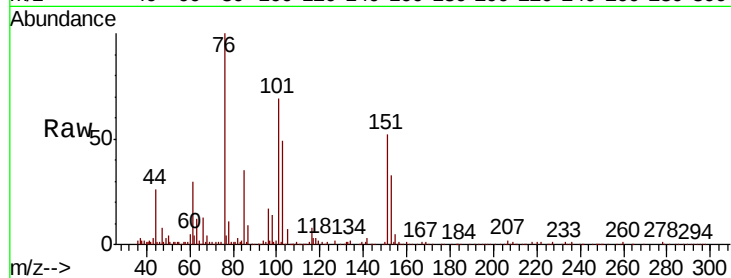
VF0606SBSD01

Tot Ion: 76 Resp: 403089

Ion Ratio Lower Upper

76 100

78 10.8 9.4 14.2



#18

Methyl Acetate

Concen: 19.366 ug/l

RT: 2.47 min Scan# 197

Delta R.T. -0.01 min

Lab File: VF062878.D

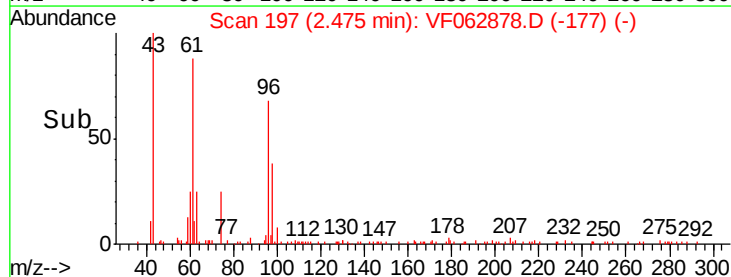
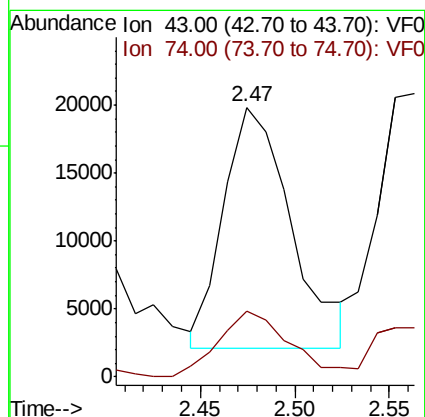
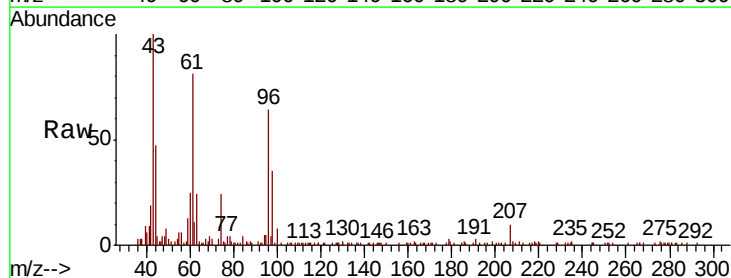
Acq: 6 Jun 2019 13:07

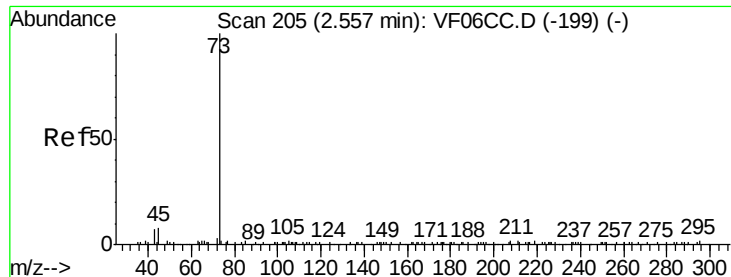
Tgt Ion: 43 Resp: 43717

Ion Ratio Lower Upper

43 100

74 24.2 22.1 33.1



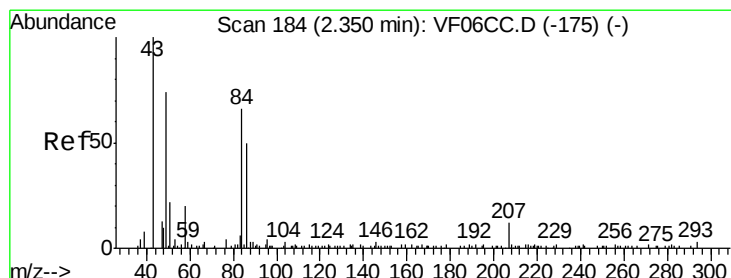
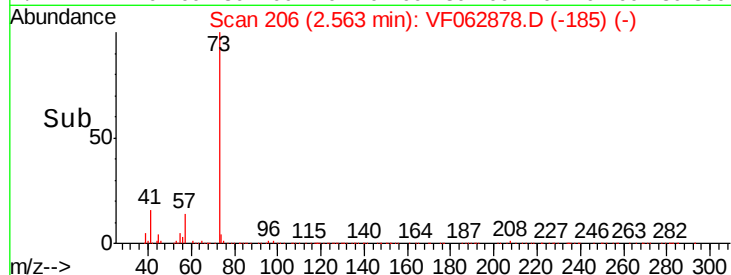
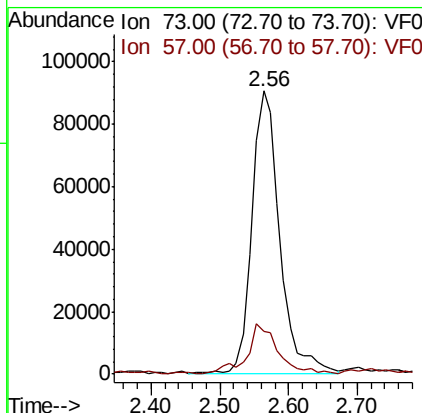
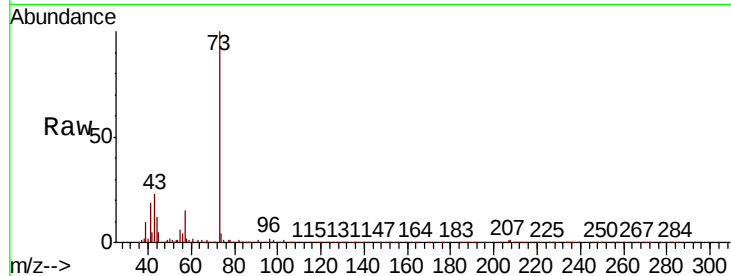


#19

Methyl tert-butyl Ether
 Concen: 20.578 ug/l
 RT: 2.56 min Scan# 206
 Delta R.T. 0.00 min
 Lab File: VF062878.D
 Acq: 6 Jun 2019 13:07

Instrument :
 MSVOA_F
 ClientSampleId :
 VF0606SBSD01

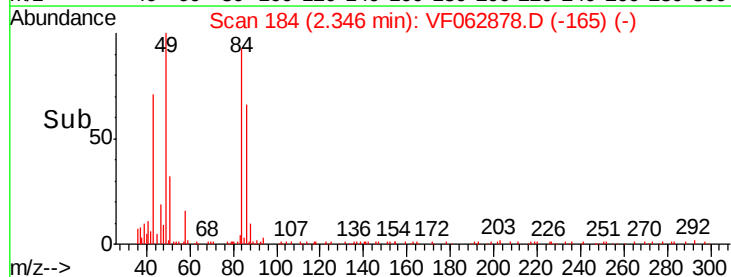
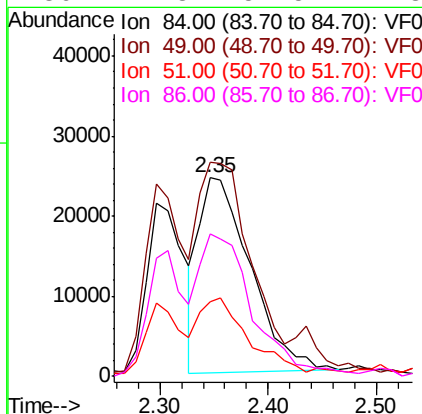
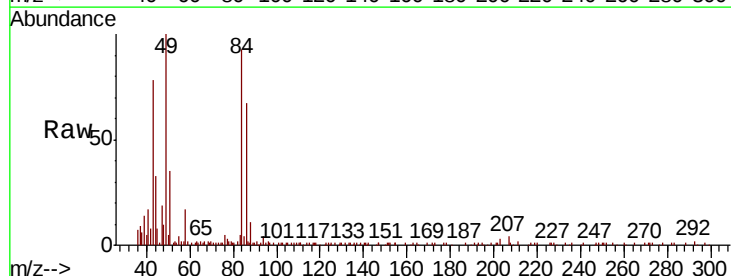
Tot Ion: 73 Resp: 252863
 Ion Ratio Lower Upper
 73 100
 57 15.1 15.1 22.7#

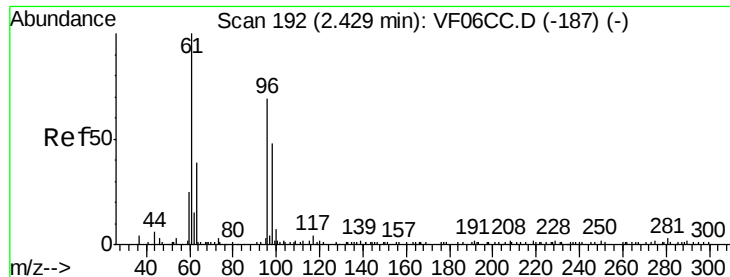


#20

Methylene Chloride
 Concen: 10.089 ug/l
 RT: 2.35 min Scan# 184
 Delta R.T. -0.02 min
 Lab File: VF062878.D
 Acq: 6 Jun 2019 13:07

Tgt Ion: 84 Resp: 80681
 Ion Ratio Lower Upper
 84 100
 49 107.9 82.6 123.8
 51 37.4 25.0 37.4
 86 71.8 51.5 77.3





#21

trans-1,2-Dichloroethene

Concen: 21.530 ug/l

RT: 2.44 min Scan# 193

Delta R.T. -0.01 min

Lab File: VF062878.D

Acq: 6 Jun 2019 13:07

Instrument :

MSVOA_F

ClientSampleId :

VF0606SBSD01

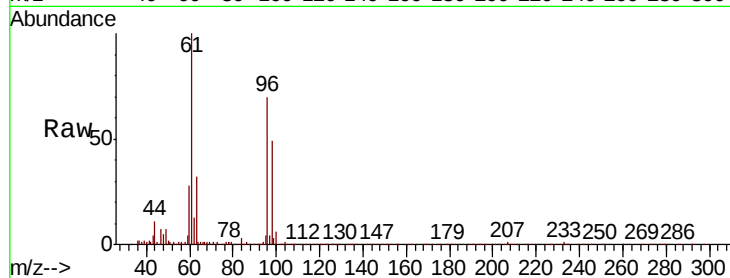
Tot Ion: 96 Resp: 146415

Ion Ratio Lower Upper

96 100

61 142.0 105.0 157.6

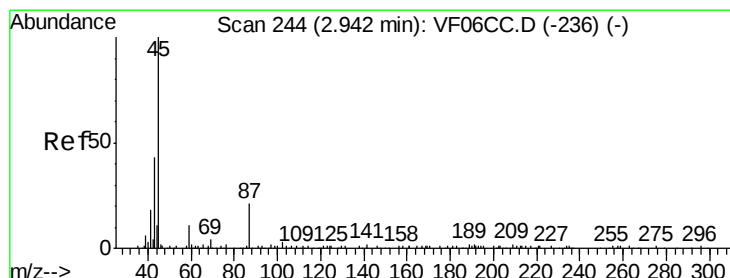
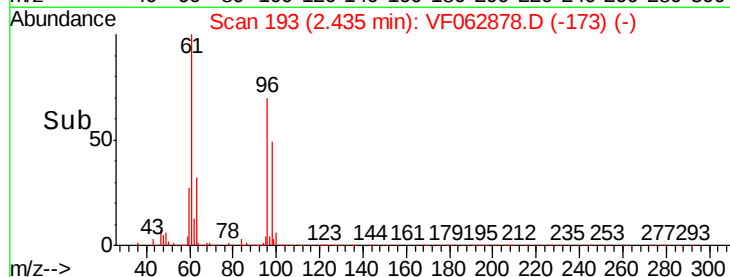
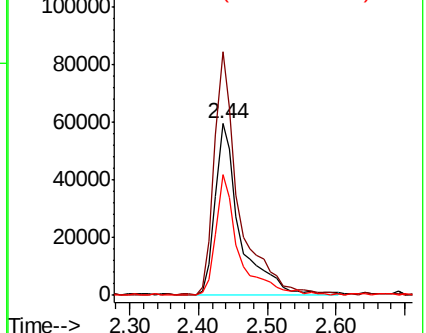
98 70.1 51.1 76.7



Abundance Ion 96.00 (95.70 to 96.70): VF0

Ion 61.00 (60.70 to 61.70): VF0

Ion 98.00 (97.70 to 98.70): VF0



#22

Diisopropyl ether

Concen: 19.729 ug/l

RT: 2.96 min Scan# 246

Delta R.T. 0.00 min

Lab File: VF062878.D

Acq: 6 Jun 2019 13:07

Tgt Ion: 45 Resp: 294945

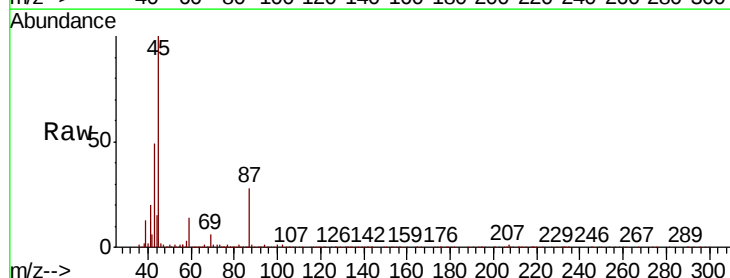
Ion Ratio Lower Upper

45 100

43 48.7 34.3 51.5

87 28.0 19.0 28.4

59 14.0 9.6 14.4

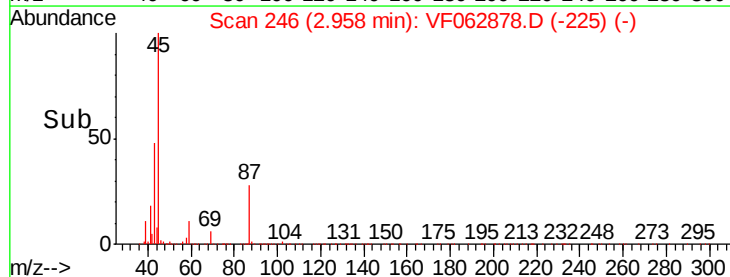
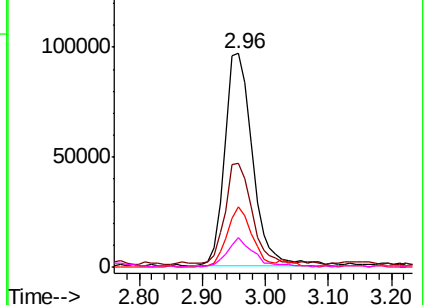


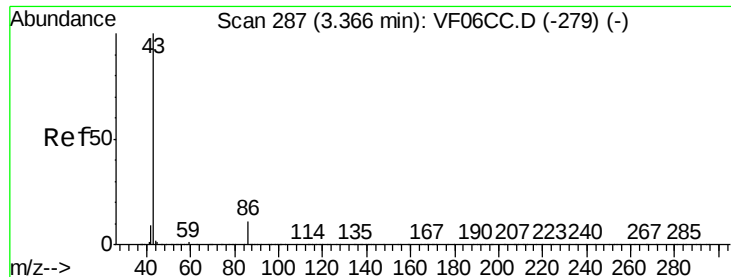
Abundance Ion 45.00 (44.70 to 45.70): VF0

Ion 43.00 (42.70 to 43.70): VF0

Ion 87.00 (86.70 to 87.70): VF0

Ion 59.00 (58.70 to 59.70): VF0





#23

Vinyl Acetate

Concen: 97.802 ug/l

RT: 3.36 min Scan# 287

Delta R.T. -0.01 min

Lab File: VF062878.D

Acq: 6 Jun 2019 13:07

Instrument :

MSVOA_F

ClientSampleId :

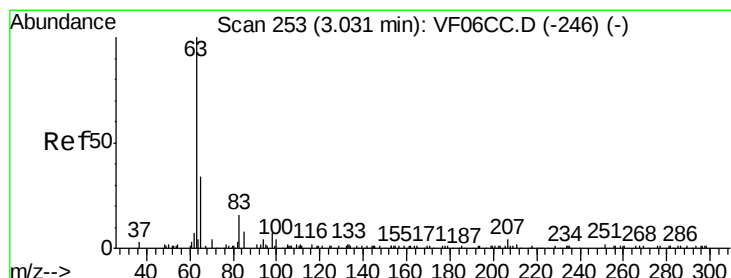
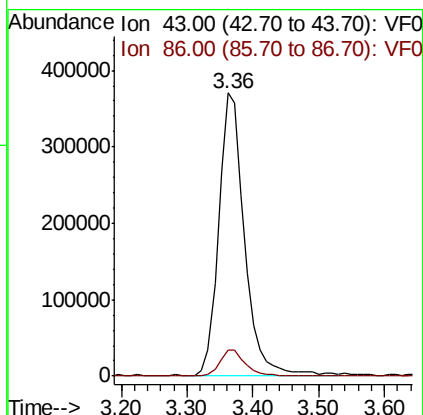
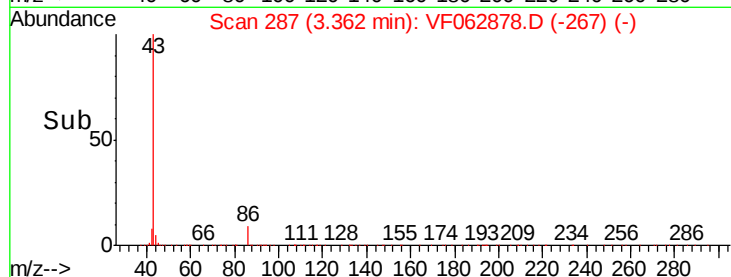
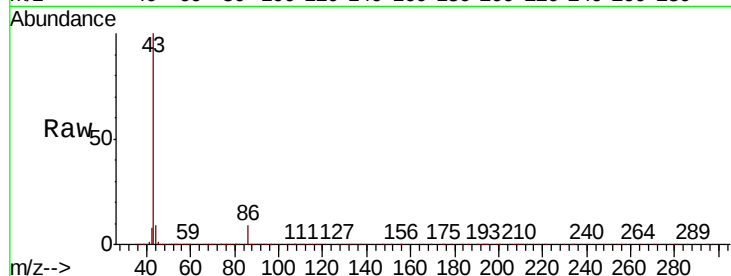
VF0606SBSD01

Tot Ion: 43 Resp: 1000954

Ion Ratio Lower Upper

43 100

86 9.2 8.2 12.2



#24

1,1-Dichloroethane

Concen: 19.954 ug/l

RT: 3.04 min Scan# 254

Delta R.T. 0.00 min

Lab File: VF062878.D

Acq: 6 Jun 2019 13:07

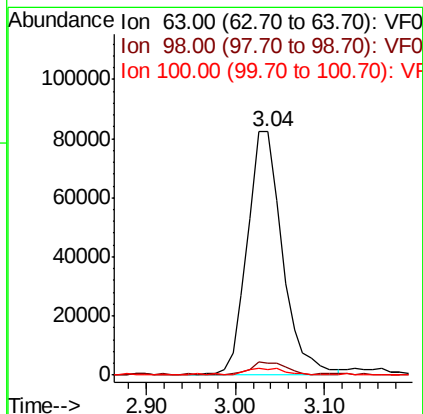
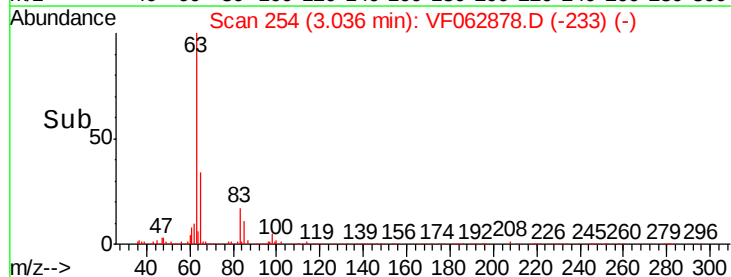
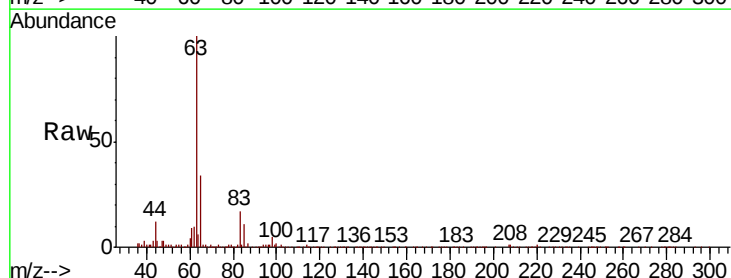
Tgt Ion: 63 Resp: 222721

Ion Ratio Lower Upper

63 100

98 5.1 2.4 7.1

100 2.4 1.5 4.5





#25

2-Butanone

Concen: 96.824 ug/l

RT: 4.54 min Scan# 407

Delta R.T. -0.01 min

Lab File: VF062878.D

Acq: 6 Jun 2019 13:07

Instrument :

MSVOA_F

ClientSampleId :

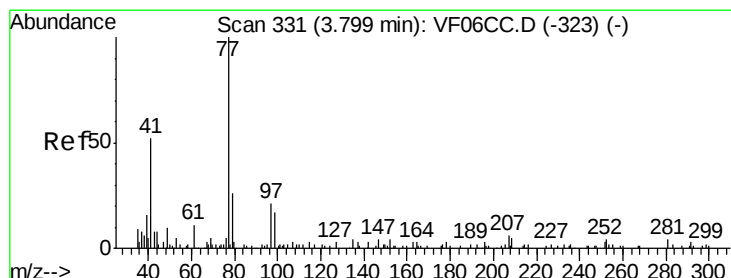
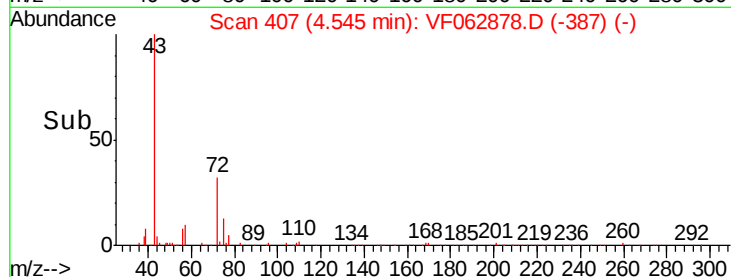
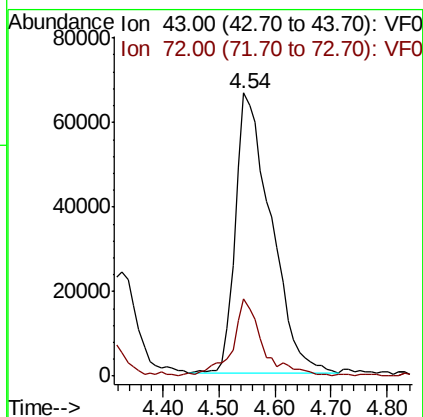
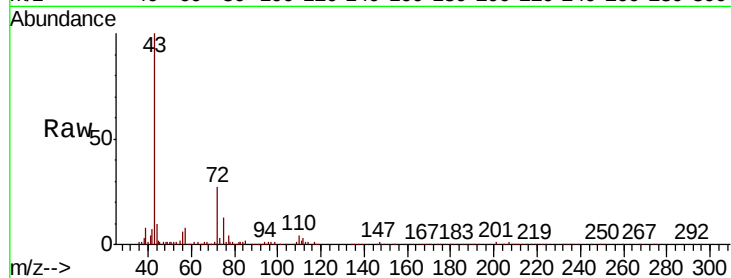
VF0606SBSD01

Tot Ion: 43 Resp: 291274

Ion Ratio Lower Upper

43 100

72 27.2 21.4 32.0



#26

2,2-Dichloropropane

Concen: 21.447 ug/l

RT: 3.81 min Scan# 332

Delta R.T. 0.00 min

Lab File: VF062878.D

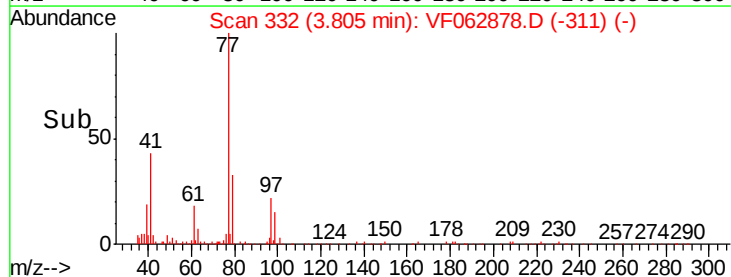
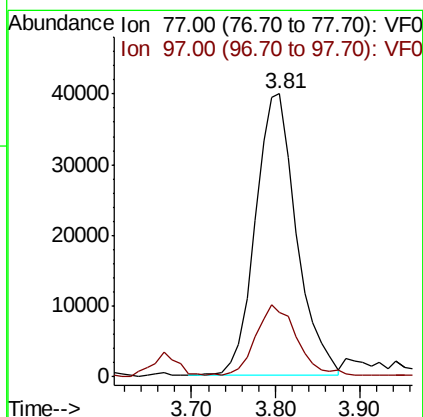
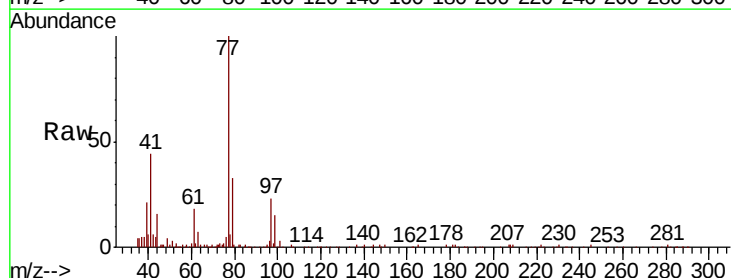
Acq: 6 Jun 2019 13:07

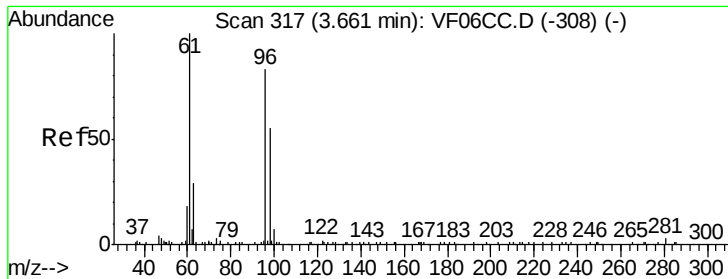
Tgt Ion: 77 Resp: 135925

Ion Ratio Lower Upper

77 100

97 22.8 12.4 37.4



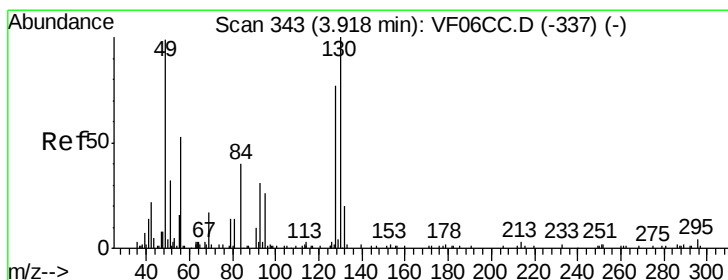
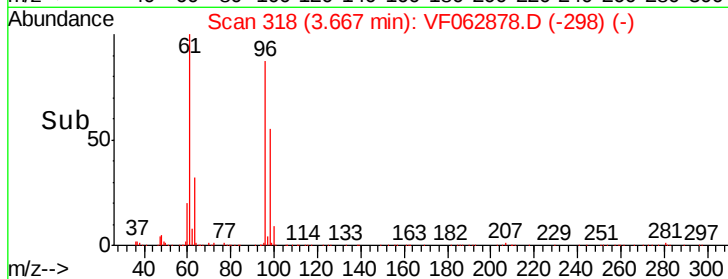
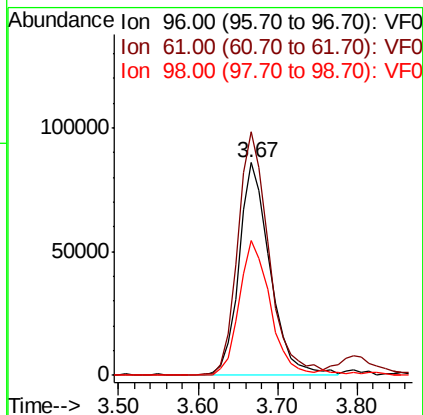
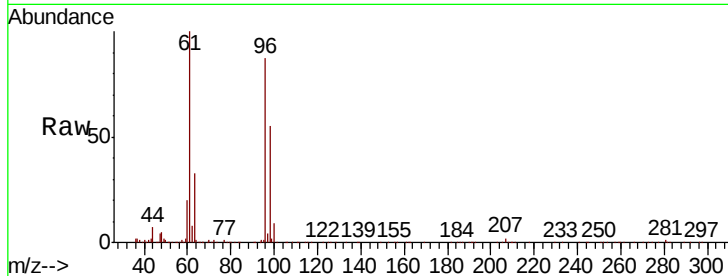


#27

cis-1,2-Dichloroethene
Concen: 20.210 ug/l
RT: 3.67 min Scan# 318
Delta R.T. -0.01 min
Lab File: VF062878.D
Acq: 6 Jun 2019 13:07

Instrument :
MSVOA_F
ClientSampleId :
VF0606SBSD01

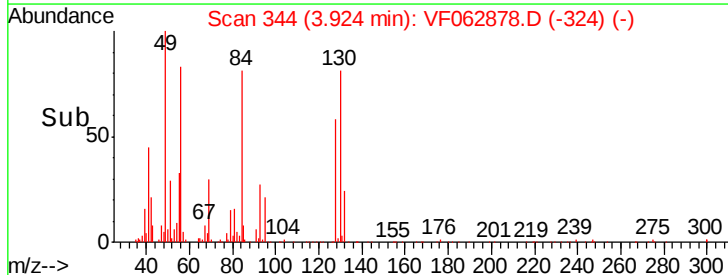
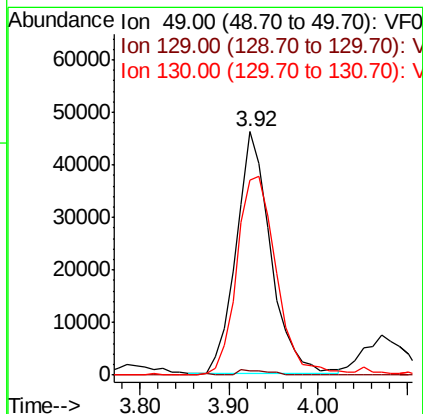
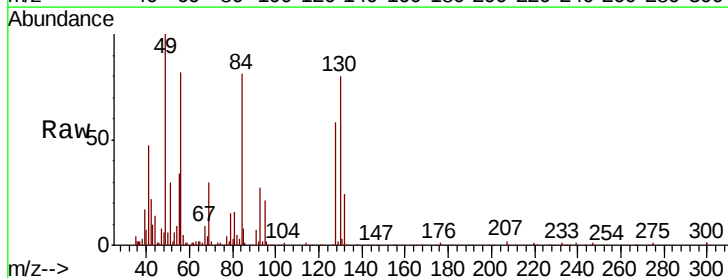
Tot Ion	Ratio	Lower	Upper
96	100		
61	114.4	0.0	213.8
98	63.3	0.0	127.0

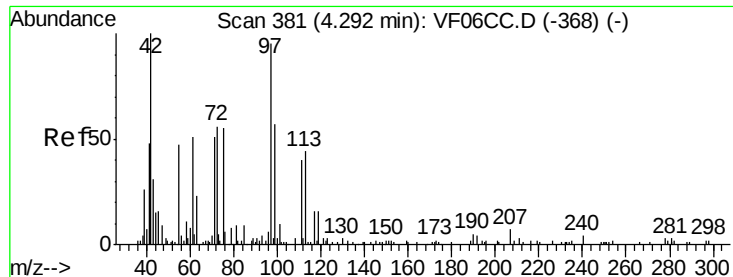


#28

Bromochloromethane
Concen: 20.528 ug/l
RT: 3.92 min Scan# 344
Delta R.T. -0.01 min
Lab File: VF062878.D
Acq: 6 Jun 2019 13:07

Tgt Ion	Ratio	Lower	Upper
49	100		
129	1.9	0.0	5.4
130	80.2	79.2	118.8

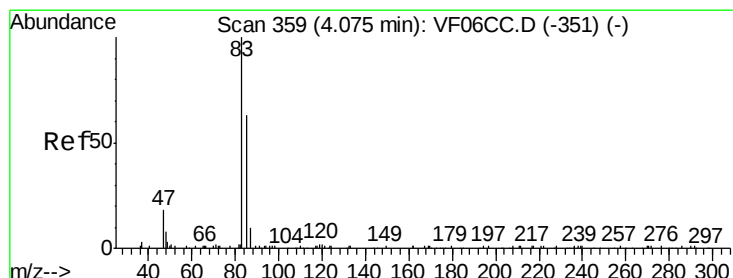
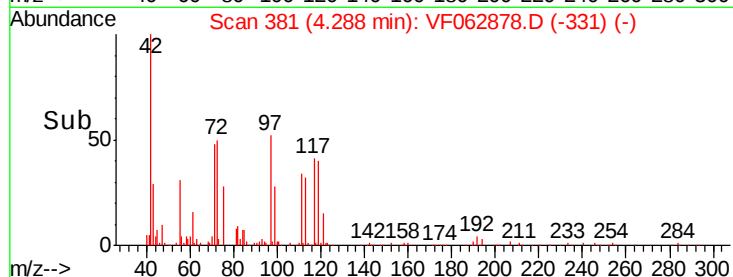
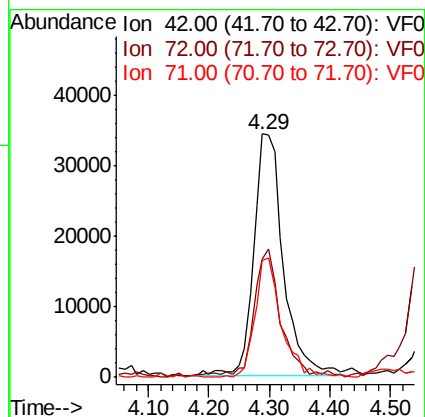
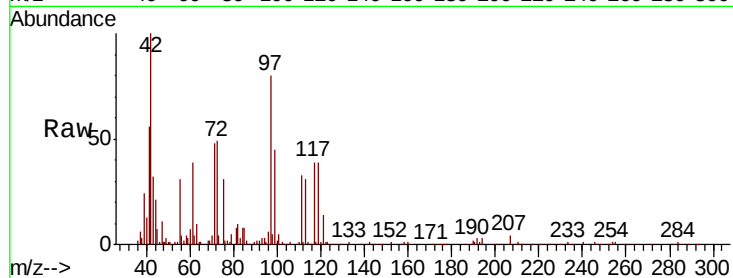




#29
Tetrahydrofuran
Concen: 101.544 ug/l
RT: 4.29 min Scan# 381
Delta R.T. -0.01 min
Lab File: VF062878.D
Acq: 6 Jun 2019 13:07

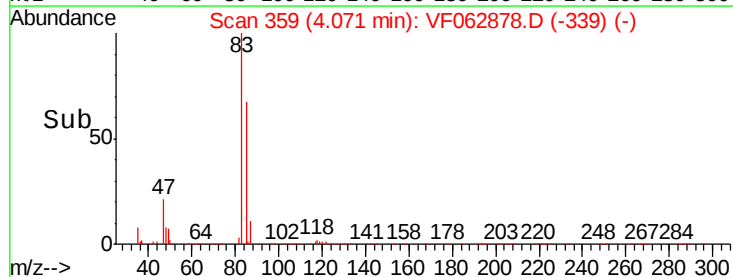
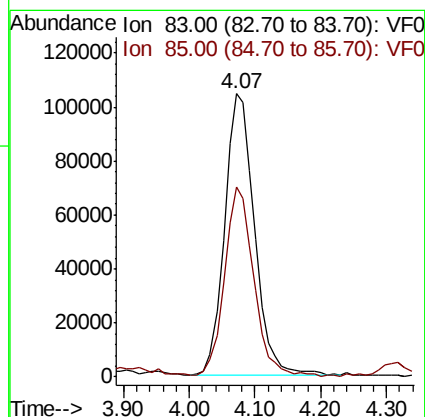
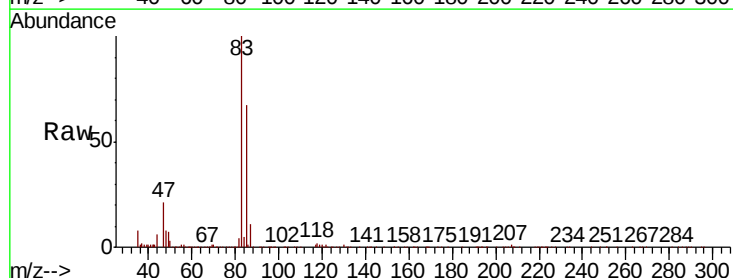
Instrument :
MSVOA_F
ClientSampleId :
VF0606SBSD01

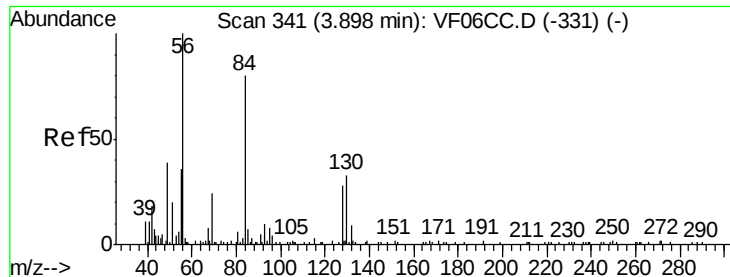
Tot Ion	Ratio	Lower	Upper
42	100		
72	46.4	39.0	58.6
71	44.6	36.9	55.3



#30
Chloroform
Concen: 21.106 ug/l
RT: 4.07 min Scan# 359
Delta R.T. -0.01 min
Lab File: VF062878.D
Acq: 6 Jun 2019 13:07

Tgt Ion	Ratio	Lower	Upper
83	100		
85	67.0	55.0	82.6

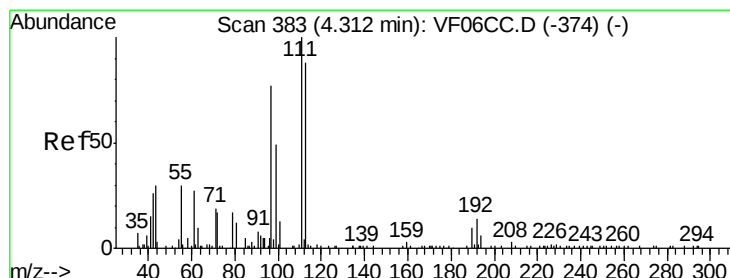
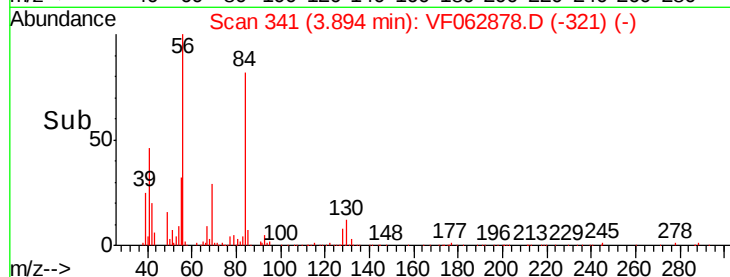
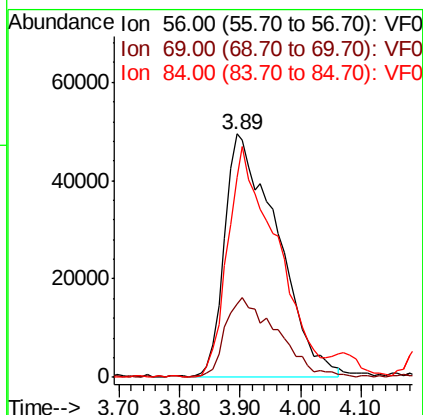
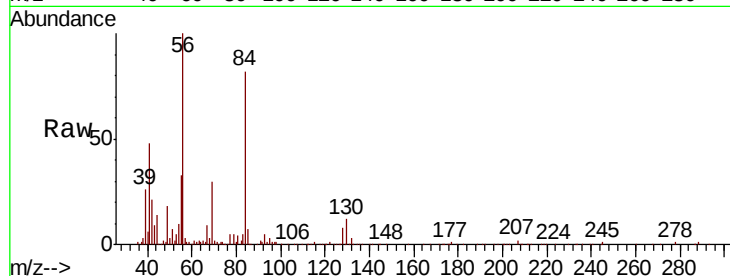




#31
Cyclohexane
Concen: 19.679 ug/l
RT: 3.89 min Scan# 341
Delta R.T. -0.01 min
Lab File: VF062878.D
Acq: 6 Jun 2019 13:07

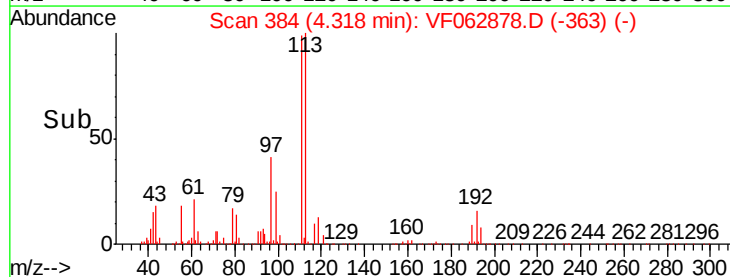
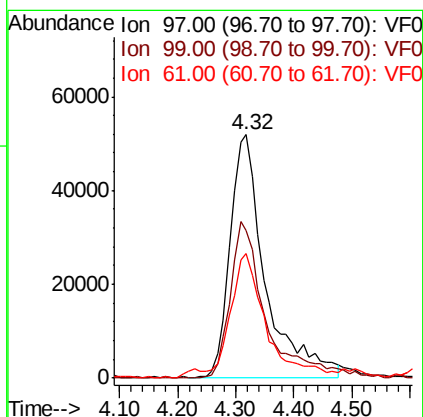
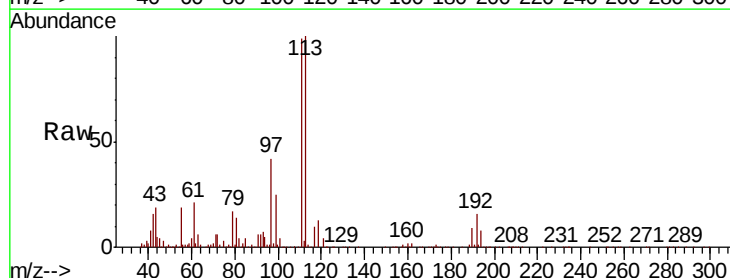
Instrument :
MSVOA_F
ClientSampleId :
VF0606SBSD01

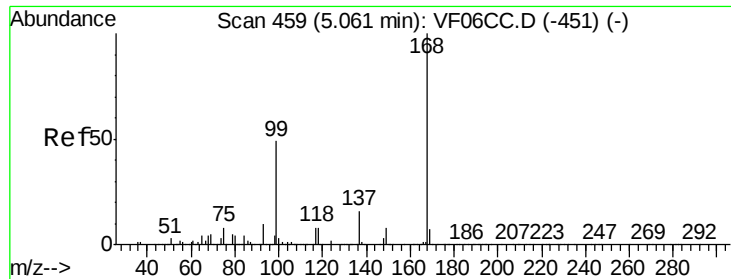
Tot Ion: 56 Resp: 297390
Ion Ratio Lower Upper
56 100
69 30.0 26.7 40.1
84 82.0 74.3 111.5



#32
1,1,1-Trichloroethane
Concen: 24.080 ug/l
RT: 4.32 min Scan# 384
Delta R.T. 0.00 min
Lab File: VF062878.D
Acq: 6 Jun 2019 13:07

Tgt Ion: 97 Resp: 220554
Ion Ratio Lower Upper
97 100
99 60.6 51.7 77.5
61 51.2 38.9 58.3





#33

1,2-Dichloroethane-d4

Concen: 47.474 ug/l

RT: 5.06 min Scan# 459

Delta R.T. 0.00 min

Lab File: VF062878.D

Acq: 6 Jun 2019 13:07

Instrument :

MSVOA_F

ClientSampleId :

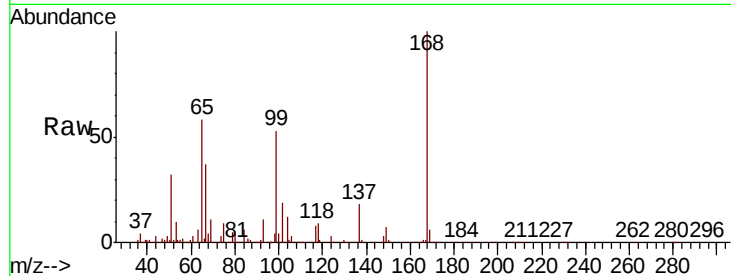
VF0606SBSD01

Tot Ion: 65 Resp: 267941

Ion Ratio Lower Upper

65 100

67 63.8 0.0 121.2



Abundance Ion 65.00 (64.70 to 65.70): VF0

Ion 67.00 (66.70 to 67.70): VF0

100000

80000

60000

40000

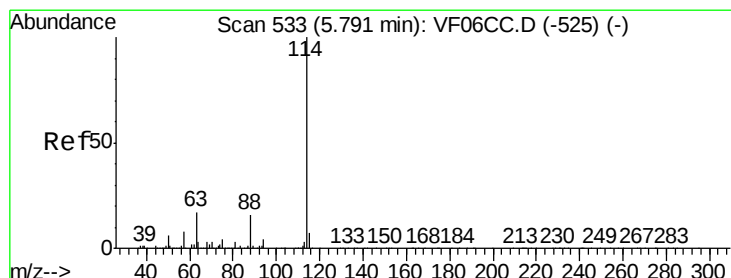
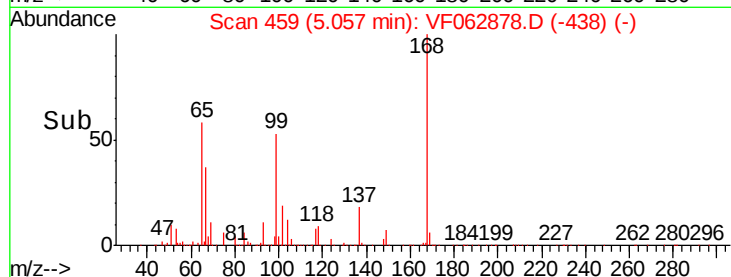
20000

0

5.06

5.10

Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.80 min Scan# 534

Delta R.T. -0.01 min

Lab File: VF062878.D

Acq: 6 Jun 2019 13:07

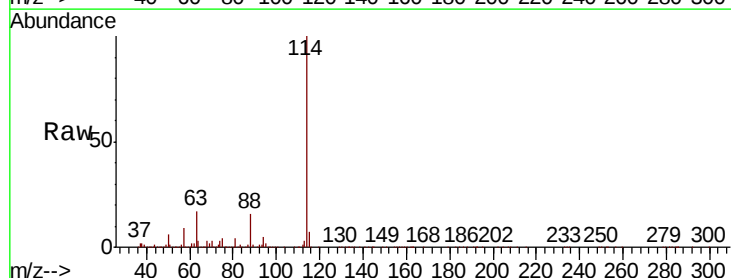
Tgt Ion: 114 Resp: 1355300

Ion Ratio Lower Upper

114 100

63 17.1 0.0 34.2

88 16.2 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

600000

400000

200000

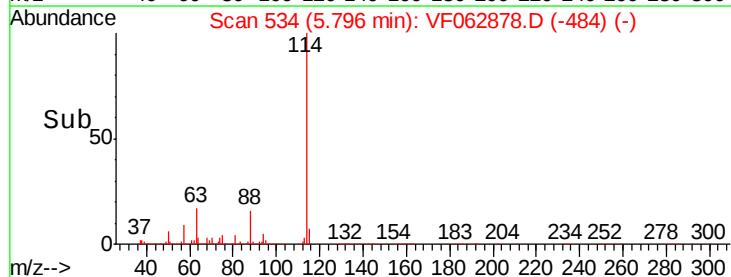
0

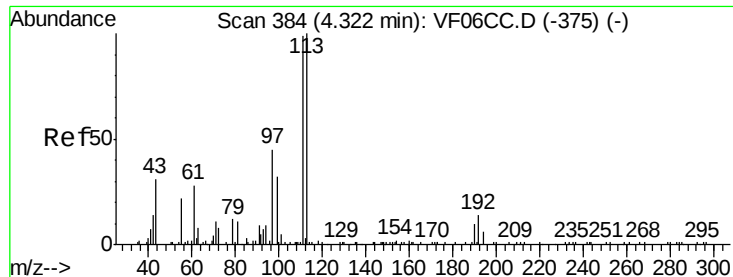
5.80

5.90

6.00

Time-->

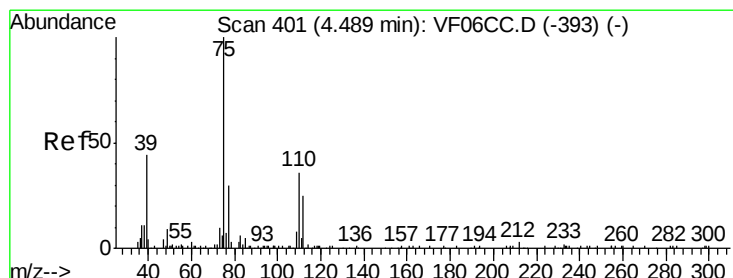
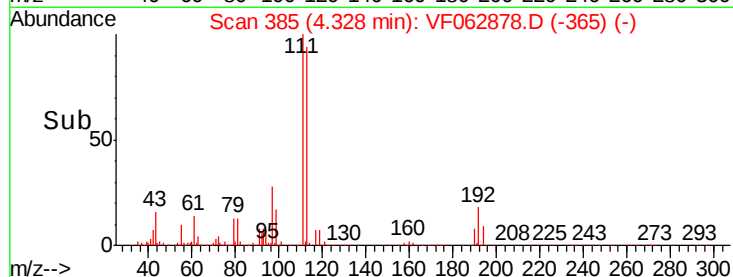
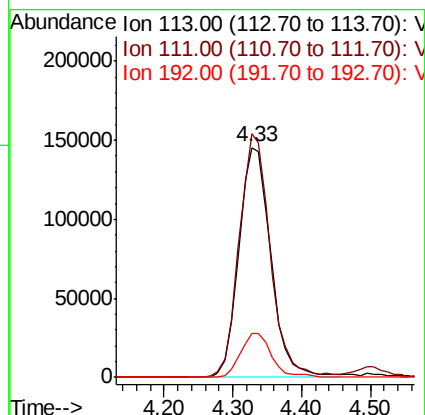
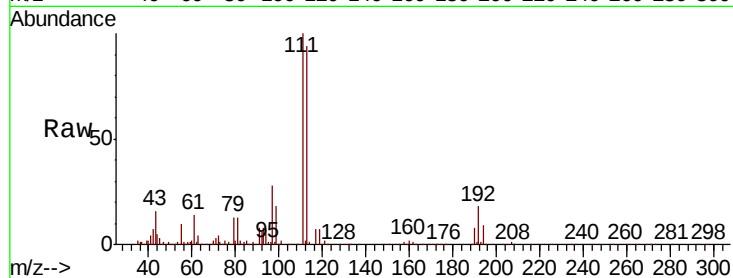




#35
 Dibromofluoromethane
 Concen: 45.769 ug/l
 RT: 4.33 min Scan# 385
 Delta R.T. -0.01 min
 Lab File: VF062878.D
 Acq: 6 Jun 2019 13:07

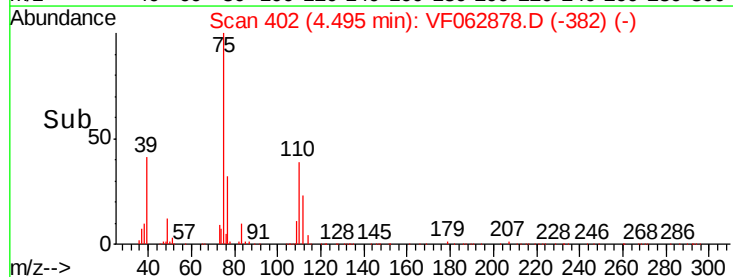
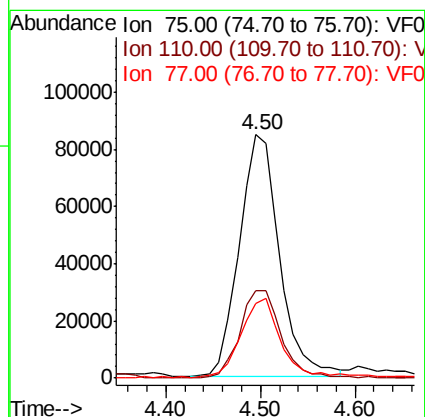
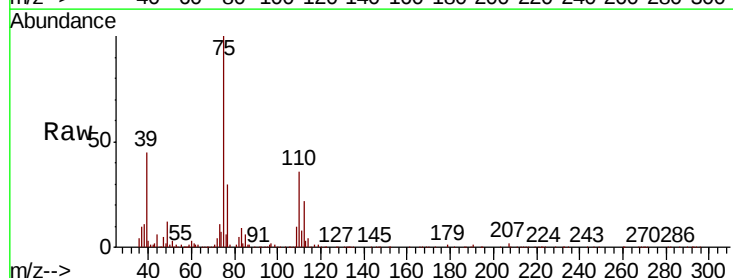
Instrument :
 MSVOA_F
 ClientSampleId :
 VF0606SBSD01

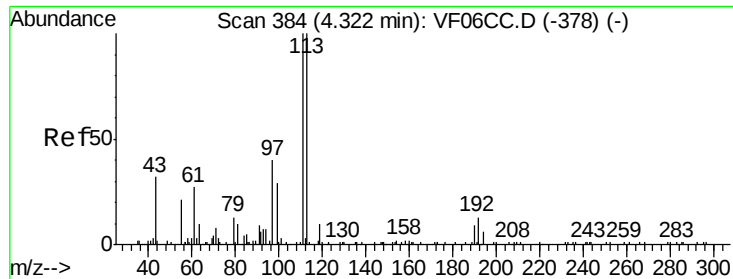
Tot Ion	Ratio	Lower	Upper
113	100		
111	105.9	81.9	122.9
192	19.2	15.1	22.7



#36
 1,1-Dichloropropene
 Concen: 19.887 ug/l
 RT: 4.50 min Scan# 402
 Delta R.T. -0.01 min
 Lab File: VF062878.D
 Acq: 6 Jun 2019 13:07

Tgt Ion	Ratio	Lower	Upper
75	100		
110	35.9	19.4	58.1
77	30.4	25.4	38.2





#37

Ethyl Acetate

Concen: 20.606 ug/l

RT: 4.33 min Scan# 385

Delta R.T. -0.01 min

Lab File: VF062878.D

Acq: 6 Jun 2019 13:07

Instrument :

MSVOA_F

ClientSampleId :

VF0606SBSD01

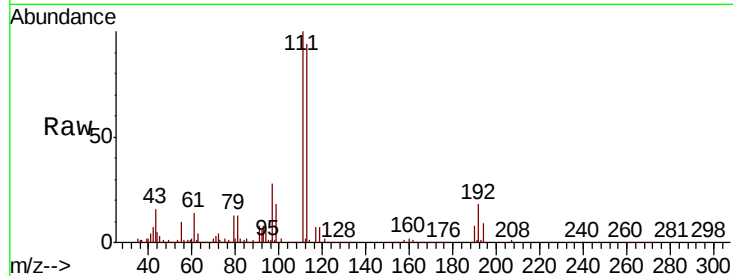
Tot Ion: 43 Resp: 98281

Ion Ratio Lower Upper

43 100

61 89.2 59.1 88.7#

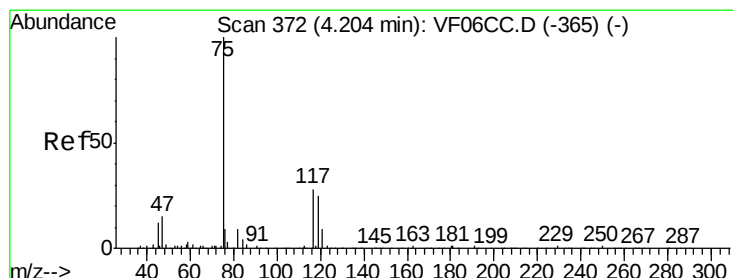
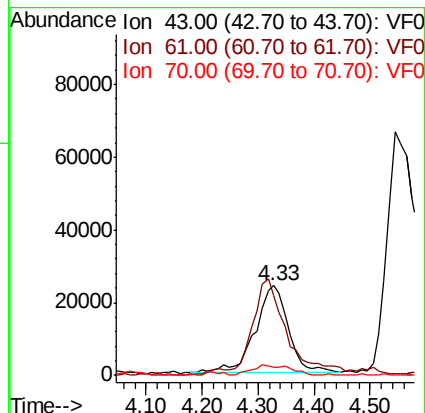
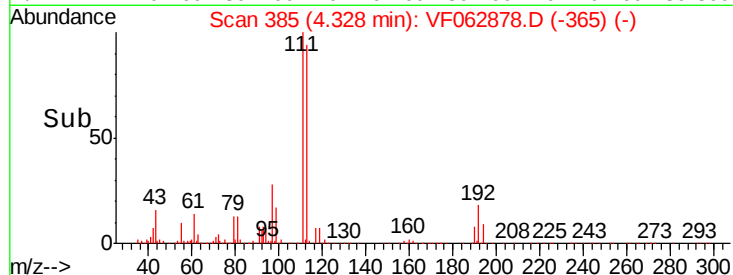
70 9.4 10.1 15.1#



Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 61.00 (60.70 to 61.70): VF0

Ion 70.00 (69.70 to 70.70): VF0



#38

Carbon Tetrachloride

Concen: 22.485 ug/l

RT: 4.21 min Scan# 373

Delta R.T. 0.00 min

Lab File: VF062878.D

Acq: 6 Jun 2019 13:07

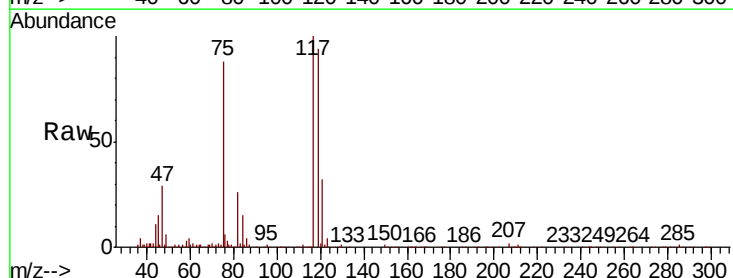
Tgt Ion: 117 Resp: 189598

Ion Ratio Lower Upper

117 100

119 94.0 78.2 117.2

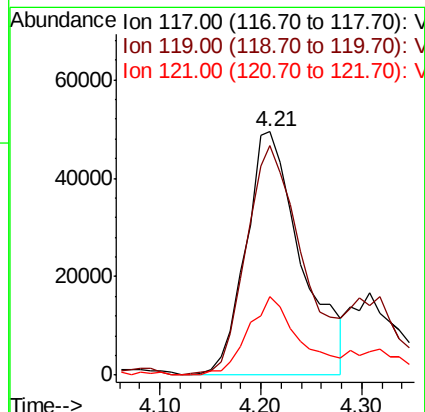
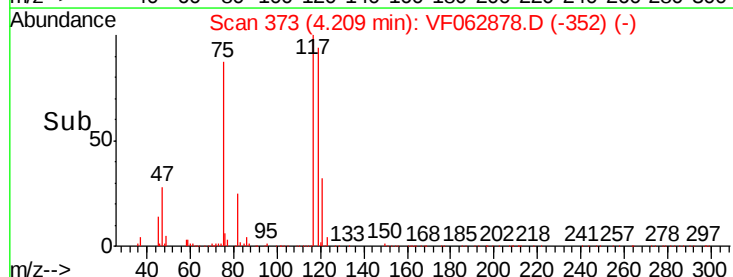
121 32.4 28.2 42.2

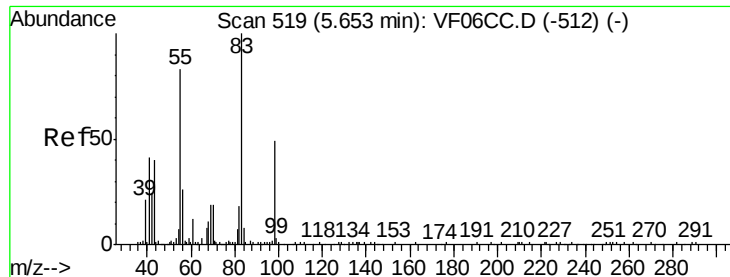


Abundance Ion 117.00 (116.70 to 117.70): V

Ion 119.00 (118.70 to 119.70): V

Ion 121.00 (120.70 to 121.70): V

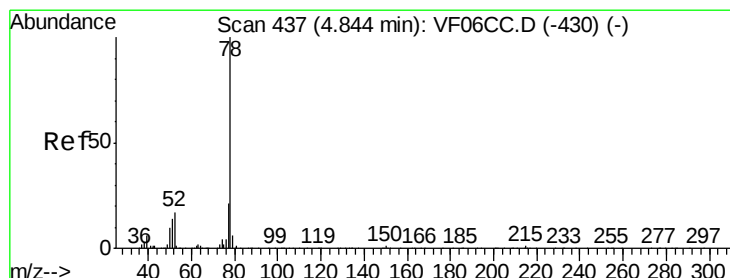
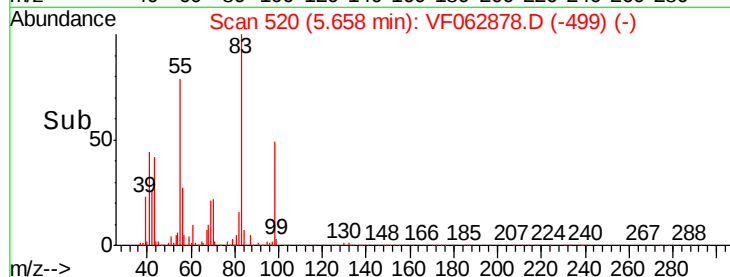
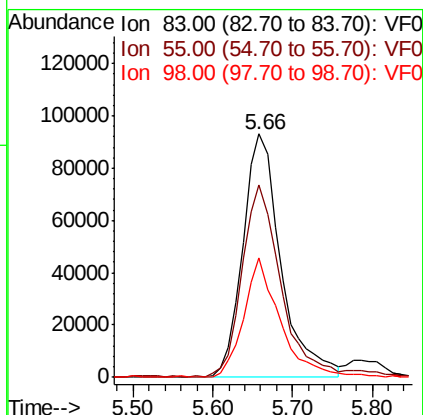
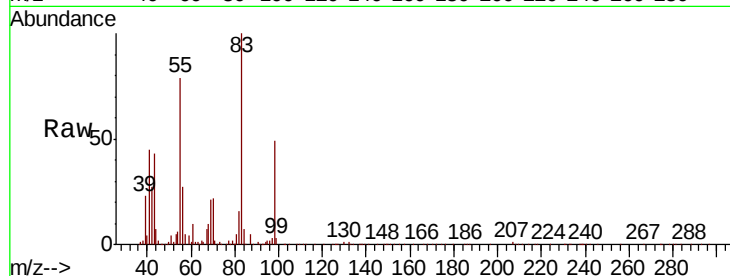




#39
Methylcyclohexane
Concen: 19.848 ug/l
RT: 5.66 min Scan# 520
Delta R.T. 0.00 min
Lab File: VF062878.D
Acq: 6 Jun 2019 13:07

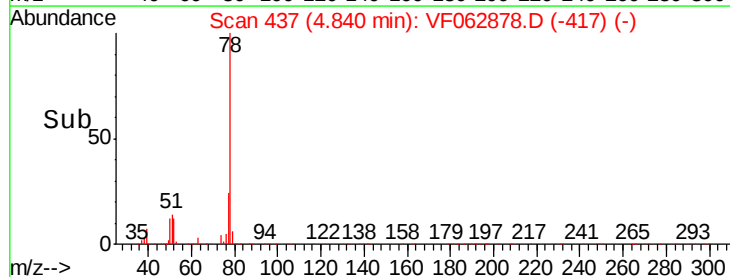
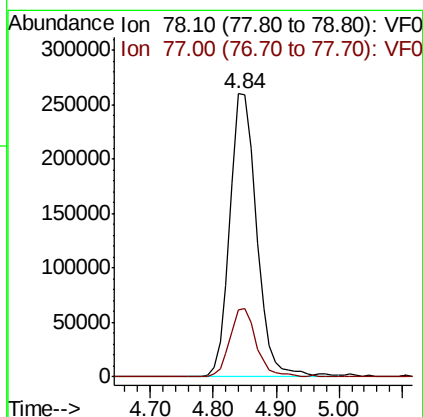
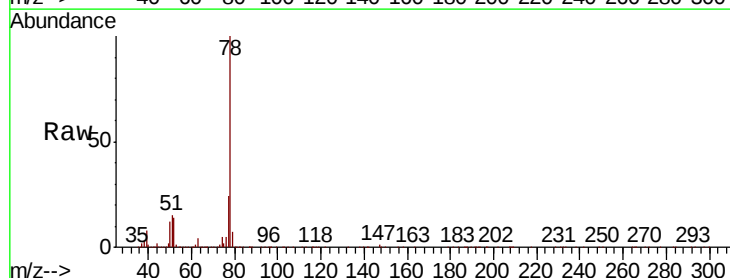
Instrument :
MSVOA_F
ClientSampleId :
VF0606SBSD01

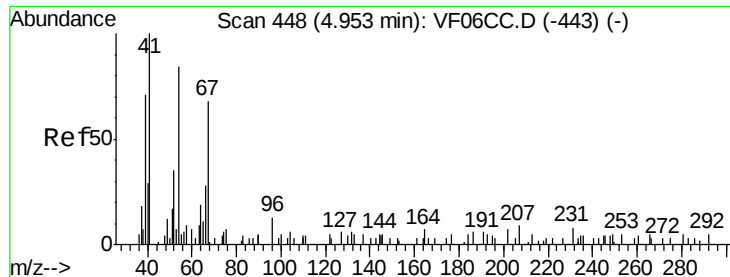
Tot Ion	83.00	Resp	308215
Ion Ratio	Lower	Upper	
83	100		
55	79.2	61.6	92.4
98	49.0	37.4	56.2



#40
Benzene
Concen: 21.161 ug/l
RT: 4.84 min Scan# 437
Delta R.T. -0.01 min
Lab File: VF062878.D
Acq: 6 Jun 2019 13:07

Tgt Ion	78	Resp	768398
Ion Ratio	Lower	Upper	
78	100		
77	23.8	18.9	28.3

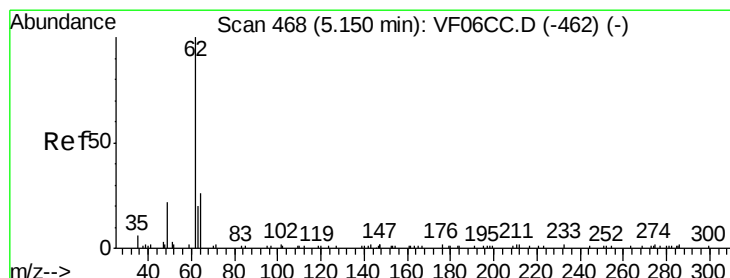
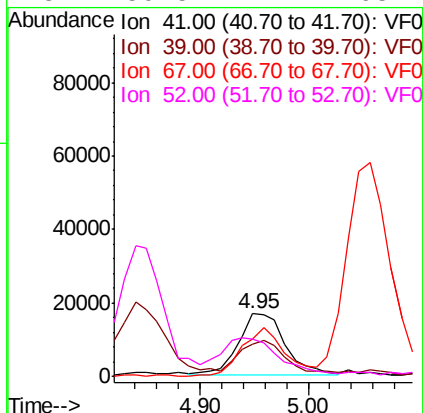
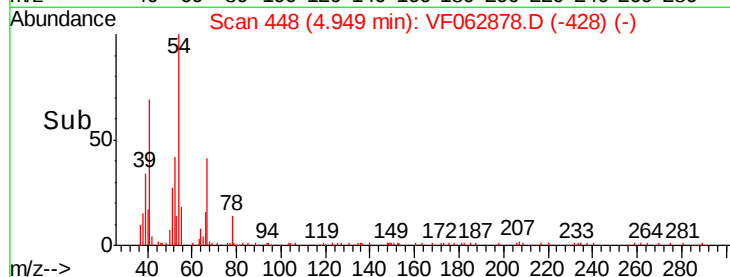
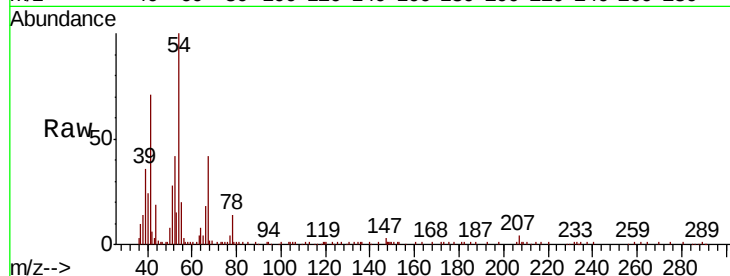




#41
Methacrylonitrile
Concen: 18.740 ug/l
RT: 4.95 min Scan# 448
Delta R.T. -0.01 min
Lab File: VF062878.D
Acq: 6 Jun 2019 13:07

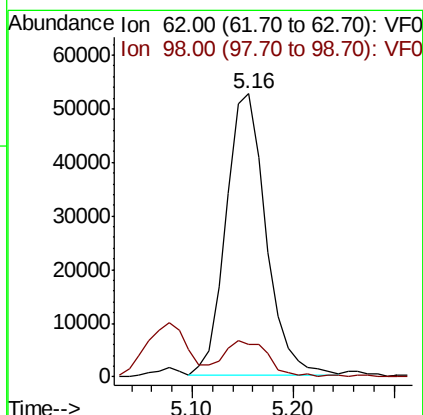
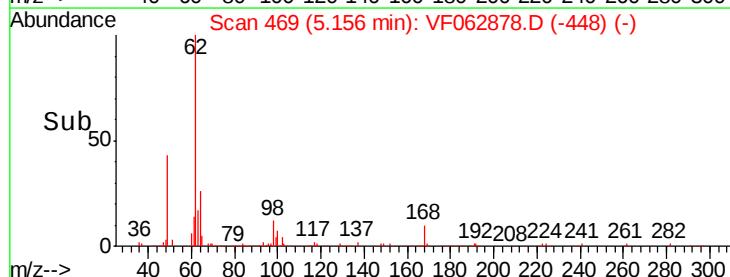
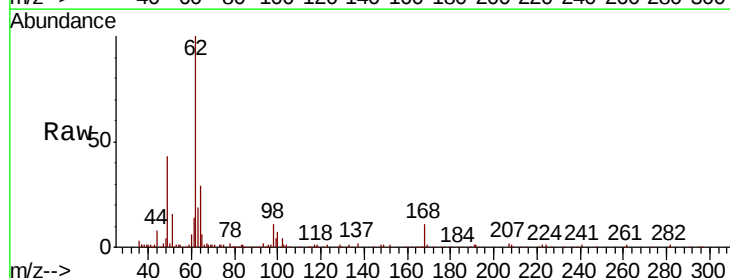
Instrument :
MSVOA_F
ClientSampleId :
VF0606SBSD01

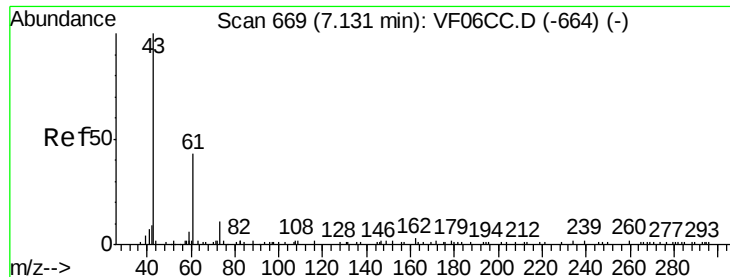
Tot Ion:	41	Resp:	49689
Ion	Ratio	Lower	Upper
41	100		
39	50.9	42.0	63.0
67	59.1	61.4	92.0
52	59.5	42.1	63.1



#42
1,2-Dichloroethane
Concen: 21.009 ug/l
RT: 5.16 min Scan# 469
Delta R.T. 0.00 min
Lab File: VF062878.D
Acq: 6 Jun 2019 13:07

Tgt Ion:	62	Resp:	145092
Ion	Ratio	Lower	Upper
62	100		
98	11.4	0.0	24.0





#43

Isopropyl Acetate

Concen: 20.257 ug/l

RT: 7.14 min Scan# 670

Delta R.T. 0.00 min

Lab File: VF062878.D

Acq: 6 Jun 2019 13:07

Instrument :

MSVOA_F

ClientSampleId :

VF0606SBSD01

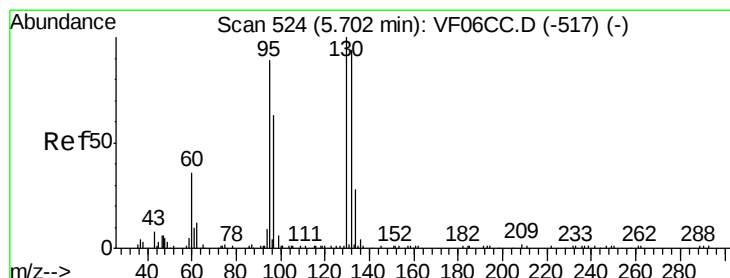
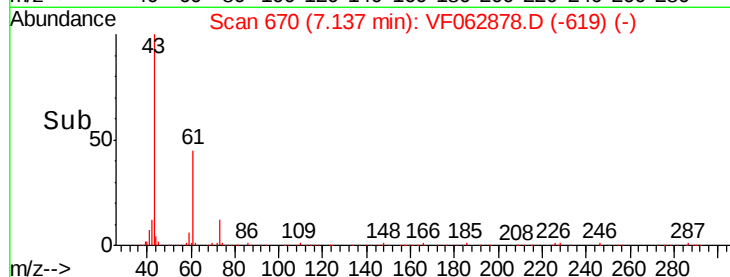
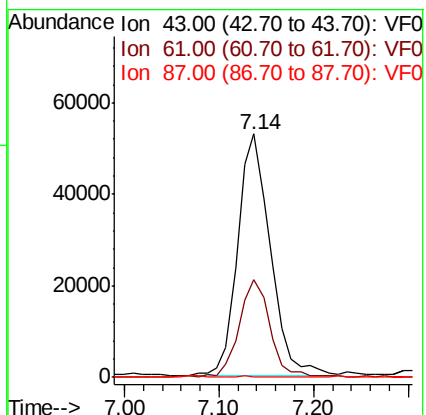
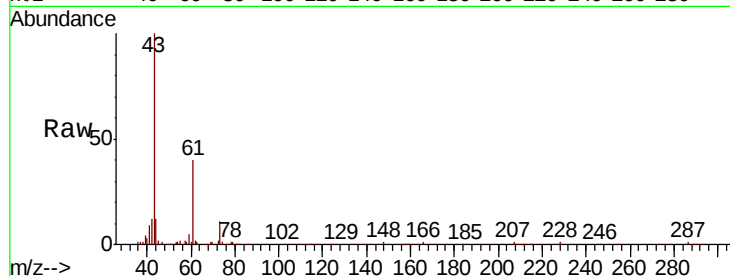
Tot Ion: 43 Resp: 127628

Ion Ratio Lower Upper

43 100

61 40.1 29.8 44.6

87 0.4 0.3 0.5



#44

Trichloroethene

Concen: 20.176 ug/l

RT: 5.71 min Scan# 525

Delta R.T. 0.00 min

Lab File: VF062878.D

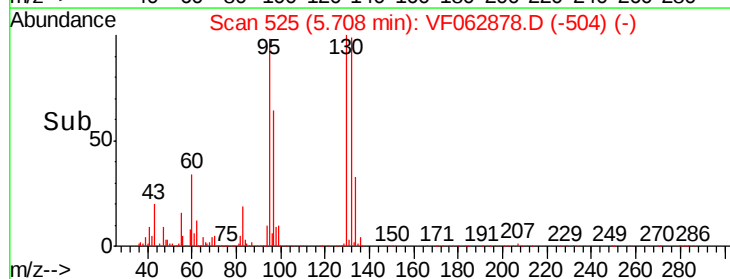
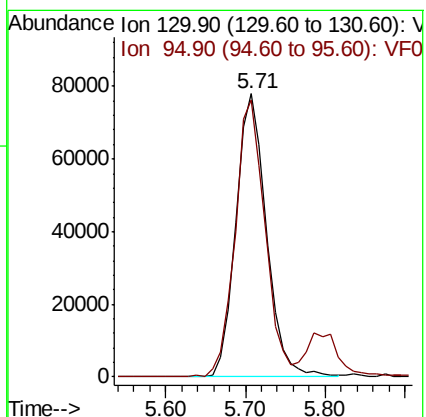
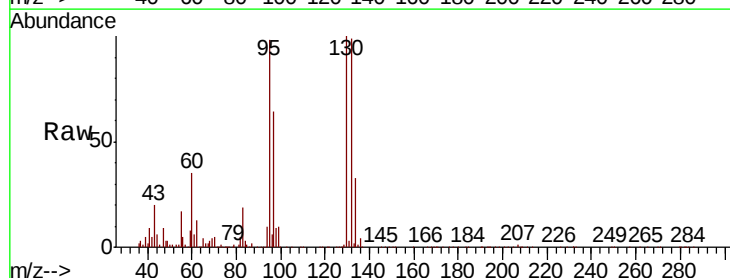
Acq: 6 Jun 2019 13:07

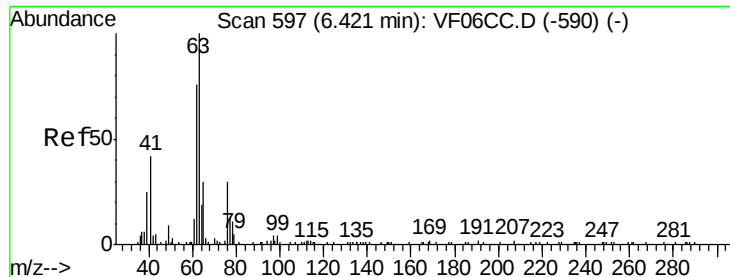
Tgt Ion: 130 Resp: 206769

Ion Ratio Lower Upper

130 100

95 97.8 0.0 188.2





#45

1,2-Dichloropropane

Concen: 20.749 ug/l

RT: 6.43 min Scan# 598

Delta R.T. -0.01 min

Lab File: VF062878.D

Acq: 6 Jun 2019 13:07

Instrument :

MSVOA_F

ClientSampleId :

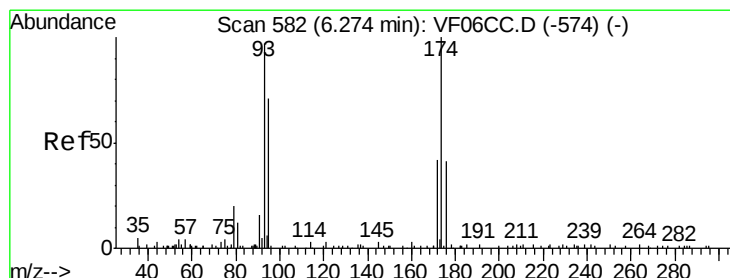
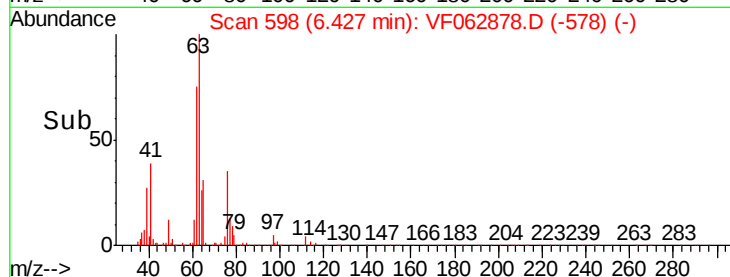
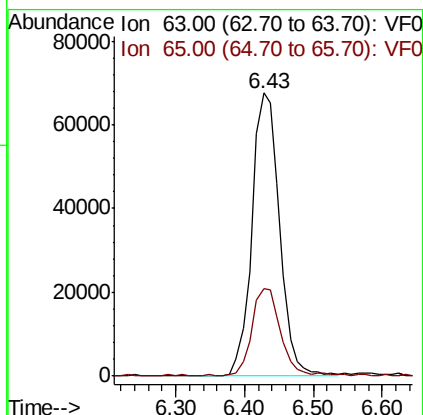
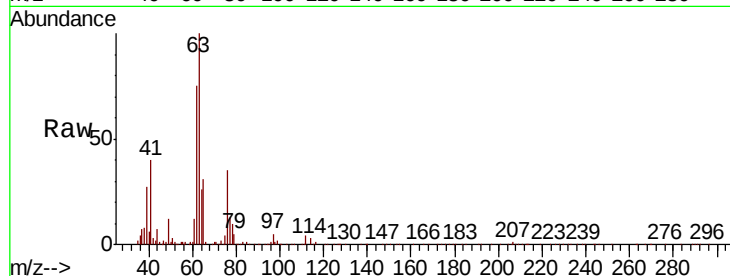
VF0606SBSD01

Tot Ion: 63 Resp: 189074

Ion Ratio Lower Upper

63 100

65 30.9 24.2 36.2



#46

Dibromomethane

Concen: 20.097 ug/l

RT: 6.28 min Scan# 583

Delta R.T. -0.01 min

Lab File: VF062878.D

Acq: 6 Jun 2019 13:07

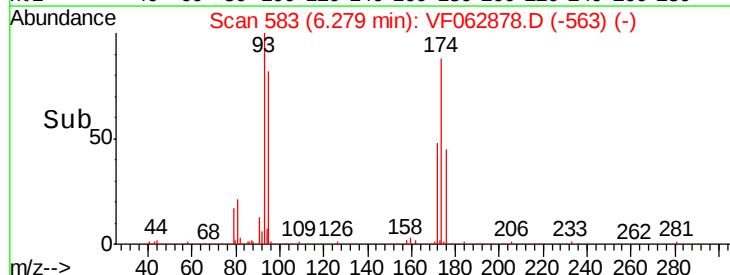
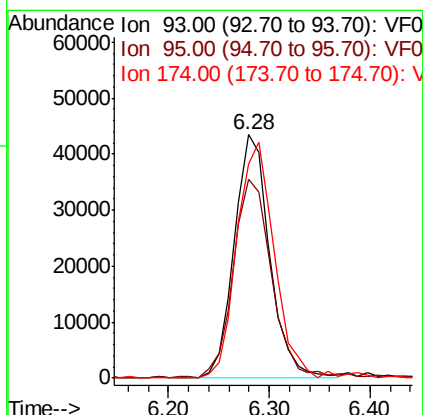
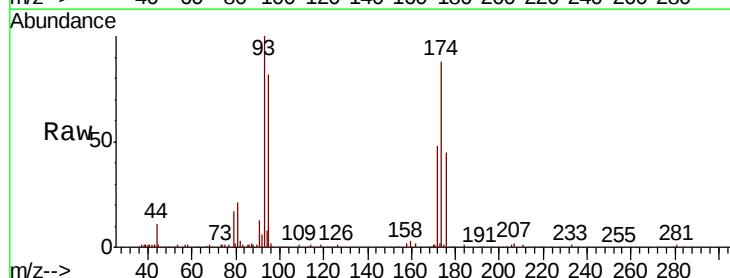
Tgt Ion: 93 Resp: 106918

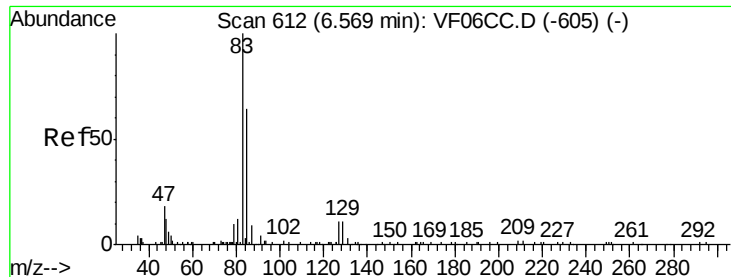
Ion Ratio Lower Upper

93 100

95 81.9 67.9 101.9

174 87.7 85.0 127.4





#47

Bromodichloromethane

Concen: 20.918 ug/l

RT: 6.58 min Scan# 613

Delta R.T. -0.01 min

Lab File: VF062878.D

Acq: 6 Jun 2019 13:07

Instrument :

MSVOA_F

ClientSampleId :

VF0606SBS01

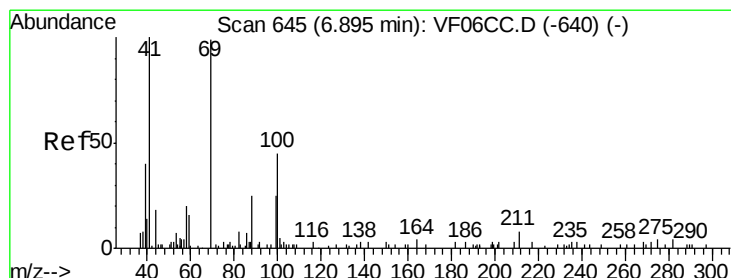
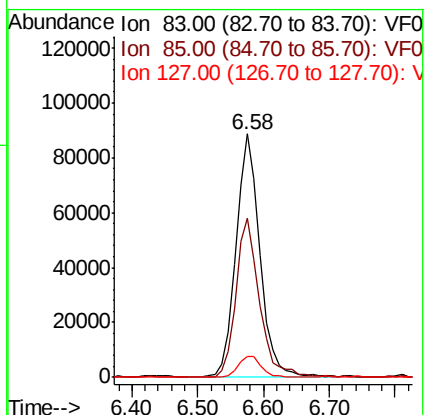
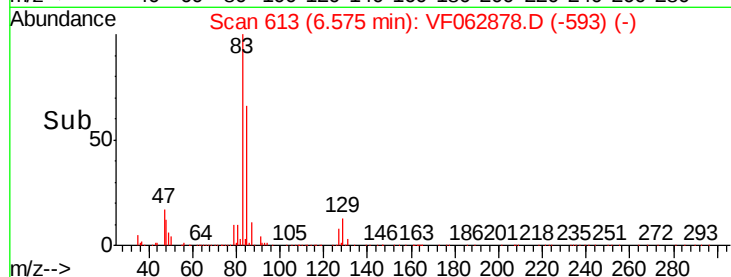
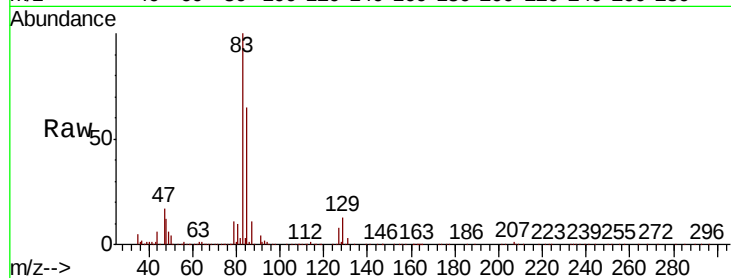
Tot Ion: 83 Resp: 226644

Ion Ratio Lower Upper

83 100

85 65.3 54.2 81.4

127 8.4 7.0 10.4



#48

Methyl methacrylate

Concen: 18.287 ug/l

RT: 6.90 min Scan# 646

Delta R.T. 0.00 min

Lab File: VF062878.D

Acq: 6 Jun 2019 13:07

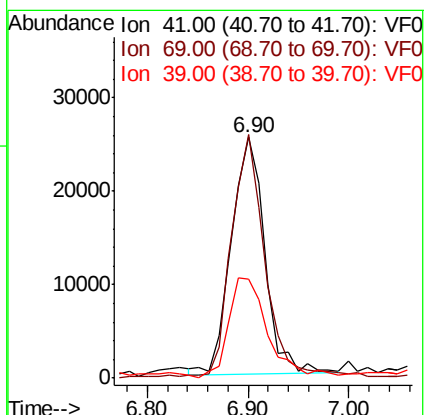
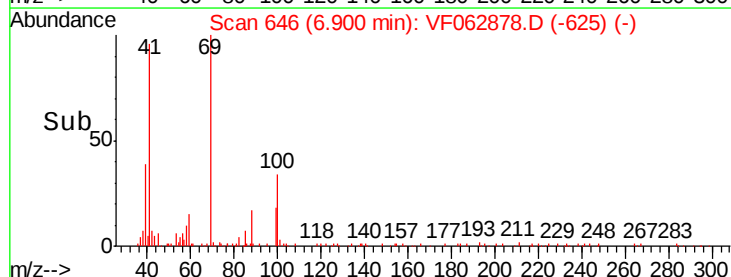
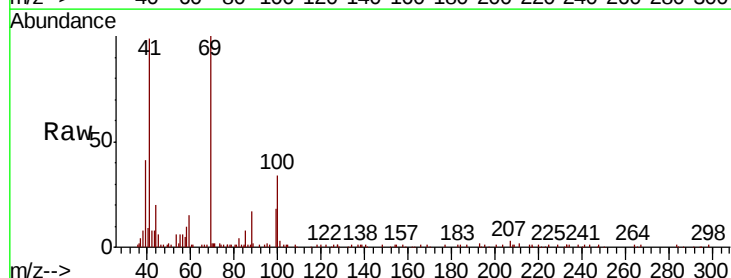
Tgt Ion: 41 Resp: 59377

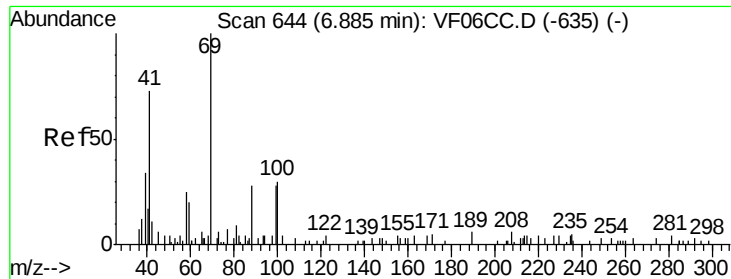
Ion Ratio Lower Upper

41 100

69 101.1 79.4 119.2

39 41.3 39.8 59.6

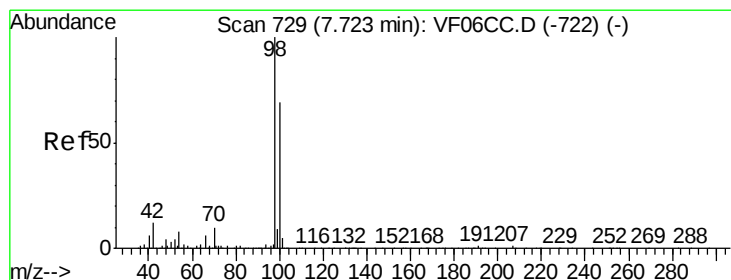
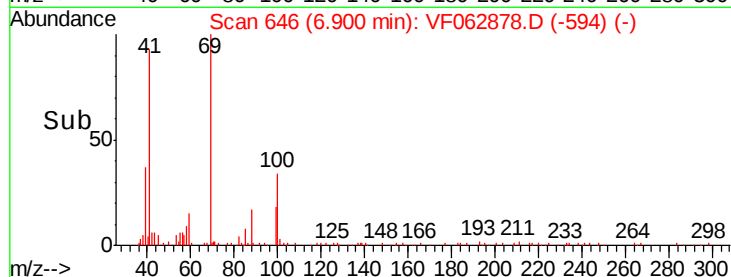
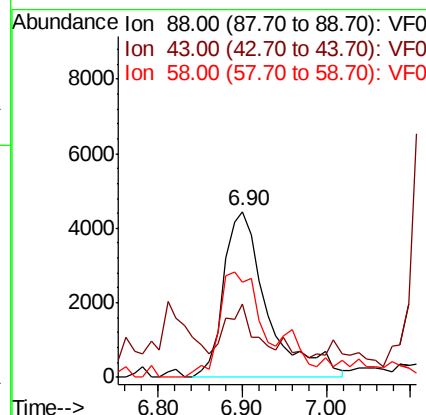
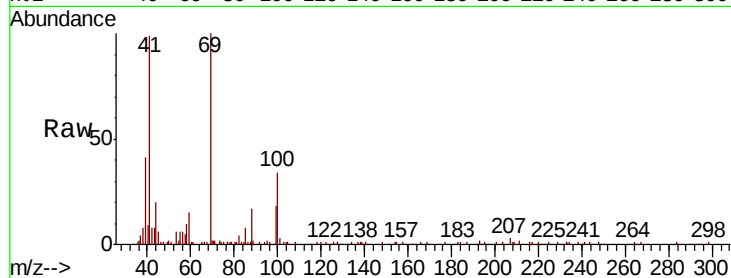




#49
1,4-Dioxane
Concen: 374.279 ug/l
RT: 6.90 min Scan# 646
Delta R.T. 0.01 min
Lab File: VF062878.D
Acq: 6 Jun 2019 13:07

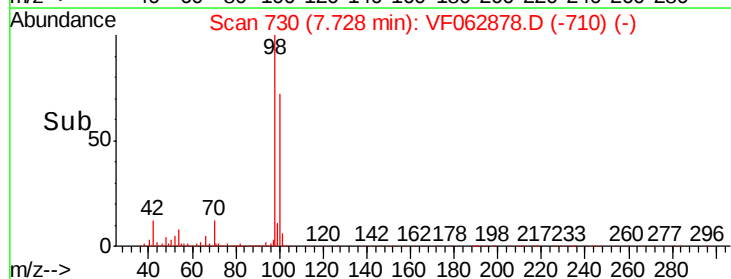
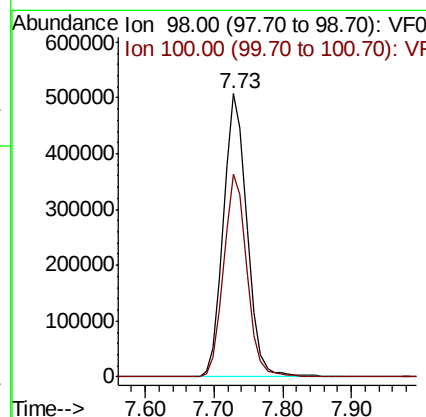
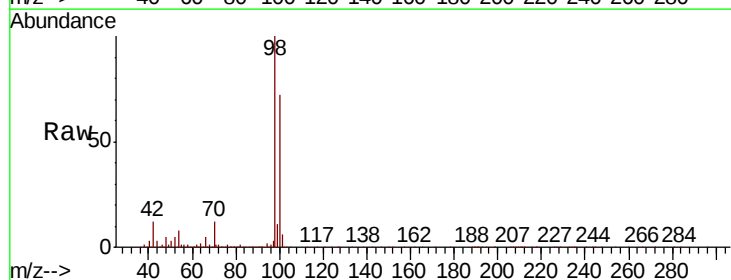
Instrument :
MSVOA_F
ClientSampleId :
VF0606SBSD01

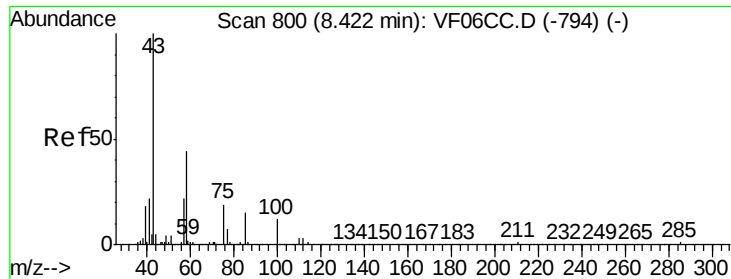
Tot Ion: 88 Resp: 16019
Ion Ratio Lower Upper
88 100
43 44.2 34.8 52.2
58 57.4 59.9 89.9#



#50
Toluene-d8
Concen: 46.608 ug/l
RT: 7.73 min Scan# 730
Delta R.T. -0.01 min
Lab File: VF062878.D
Acq: 6 Jun 2019 13:07

Tgt Ion: 98 Resp: 1207056
Ion Ratio Lower Upper
98 100
100 71.7 59.8 89.8





#51

4-Methyl-2-Pentanone

Concen: 107.121 ug/l

RT: 8.42 min Scan# 800

Delta R.T. -0.01 min

Lab File: VF062878.D

Acq: 6 Jun 2019 13:07

Instrument :

MSVOA_F

ClientSampleId :

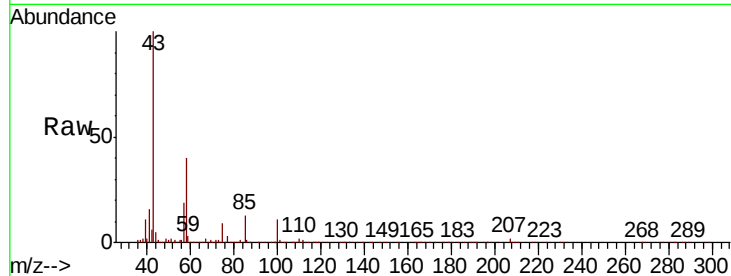
VF0606SBSD01

Tot Ion: 43 Resp: 481849

Ion Ratio Lower Upper

43 100

58 40.3 35.5 53.3



Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 58.00 (57.70 to 58.70): VF0

8.42

200000

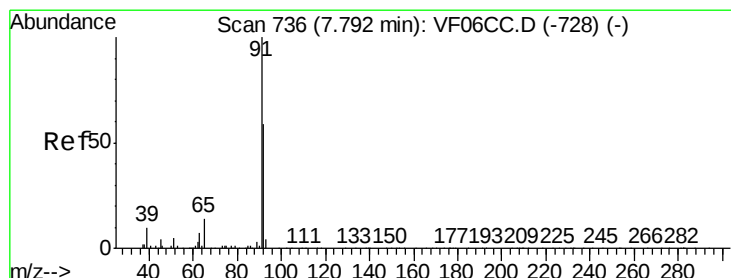
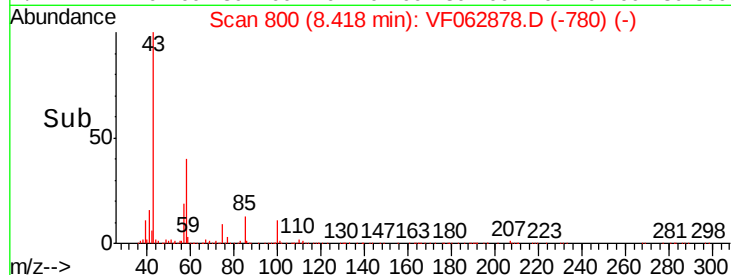
150000

100000

50000

0

Time--> 8.30 8.40 8.50



#52

Toluene

Concen: 20.563 ug/l

RT: 7.80 min Scan# 737

Delta R.T. -0.01 min

Lab File: VF062878.D

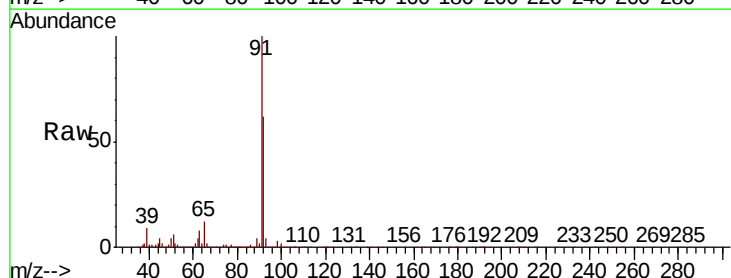
Acq: 6 Jun 2019 13:07

Tgt Ion: 92 Resp: 402176

Ion Ratio Lower Upper

92 100

91 162.4 123.2 184.8



Abundance Ion 92.00 (91.70 to 92.70): VF0

Ion 91.00 (90.70 to 91.70): VF0

7.80

300000

250000

200000

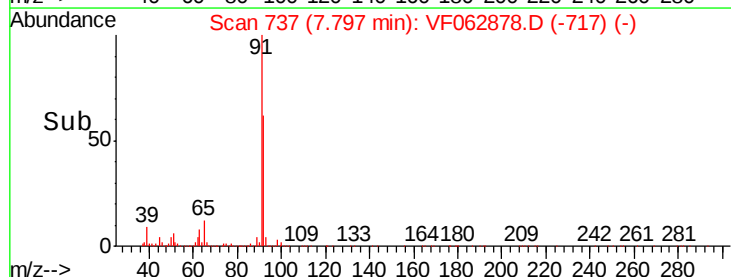
150000

100000

50000

0

Time--> 7.70 7.80 7.90 8.00

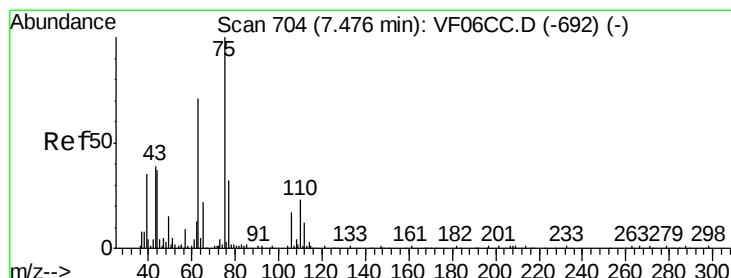
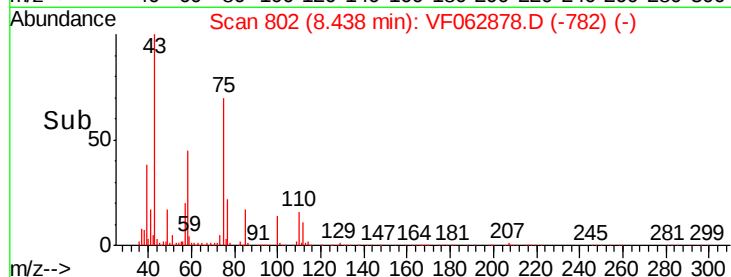
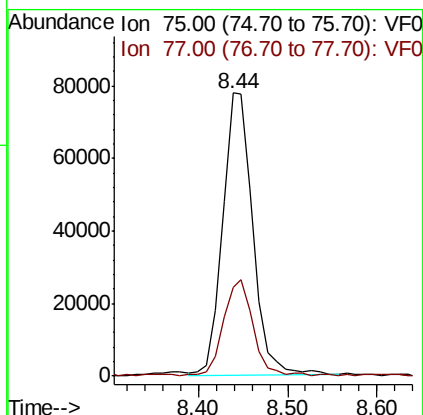
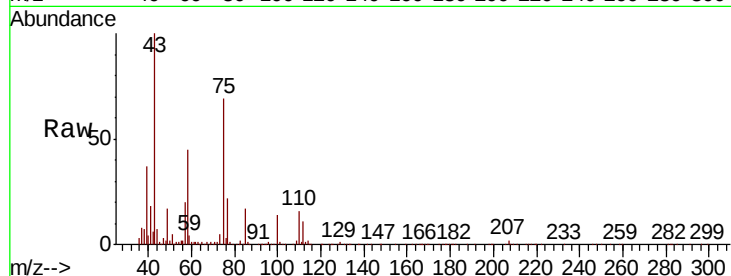




#53
t-1,3-Dichloropropene
Concen: 20.576 ug/l
RT: 8.44 min Scan# 802
Delta R.T. -0.01 min
Lab File: VF062878.D
Acq: 6 Jun 2019 13:07

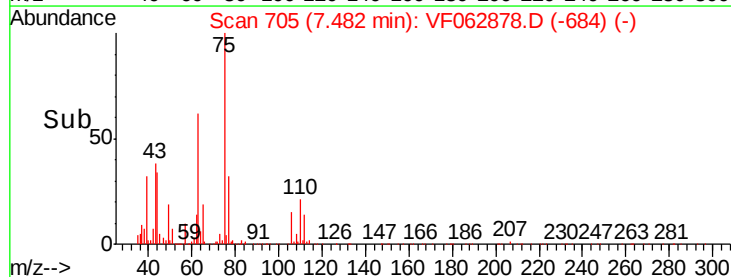
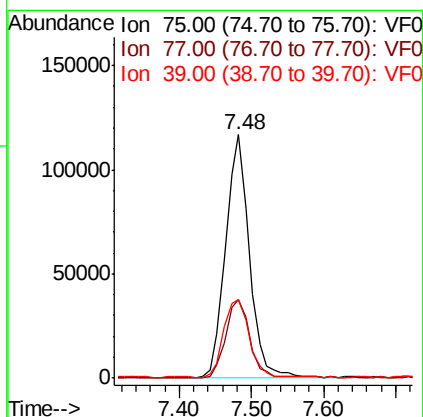
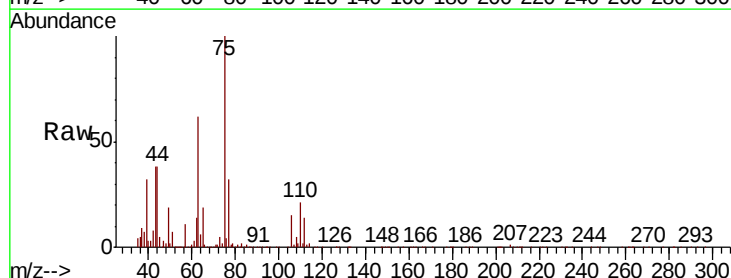
Instrument :
MSVOA_F
ClientSampleId :
VF0606SBSD01

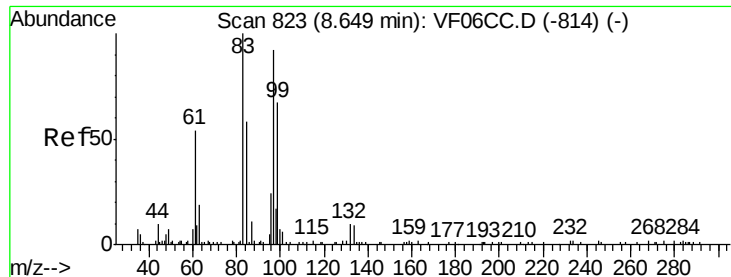
Tot Ion: 75 Resp: 184738
Ion Ratio Lower Upper
75 100
77 31.6 25.7 38.5



#54
cis-1,3-Dichloropropene
Concen: 20.654 ug/l
RT: 7.48 min Scan# 705
Delta R.T. 0.00 min
Lab File: VF062878.D
Acq: 6 Jun 2019 13:07

Tgt Ion: 75 Resp: 268431
Ion Ratio Lower Upper
75 100
77 32.2 25.8 38.8
39 32.3 28.4 42.6





#55

1,1,2-Trichloroethane

Concen: 20.530 ug/l

RT: 8.66 min Scan# 824

Delta R.T. 0.00 min

Lab File: VF062878.D

Acq: 6 Jun 2019 13:07

Instrument :

MSVOA_F

ClientSampleId :

VF0606SBS01

Tot Ion: 97 Resp: 119957

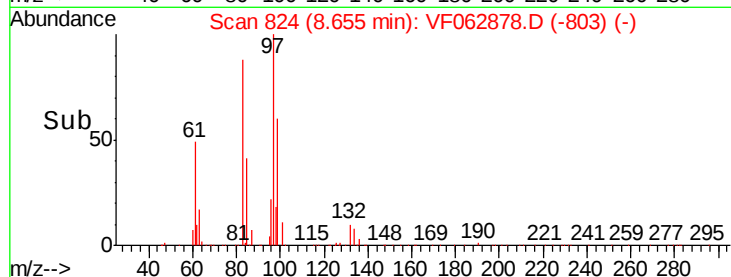
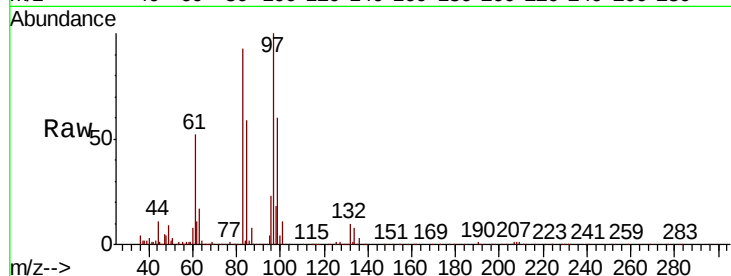
Ion	Ratio	Lower	Upper
97	100		
83	93.0	72.0	108.0
85	59.2	47.5	71.3
99	60.3	54.1	81.1

97 100

83 93.0 72.0 108.0

85 59.2 47.5 71.3

99 60.3 54.1 81.1

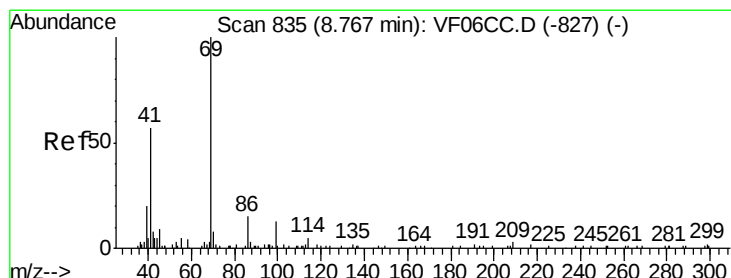
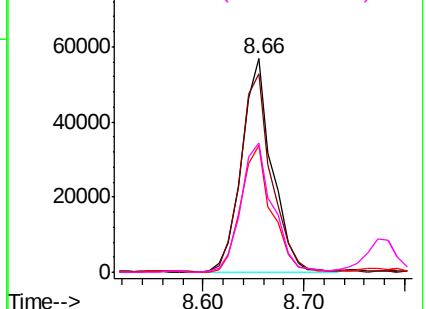


Abundance Ion 97.00 (96.70 to 97.70): VF0

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: 21.207 ug/l

RT: 8.77 min Scan# 836

Delta R.T. -0.01 min

Lab File: VF062878.D

Acq: 6 Jun 2019 13:07

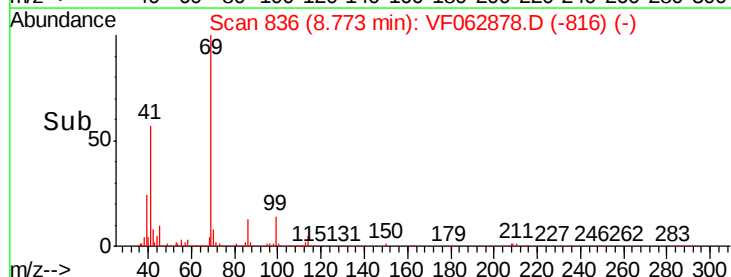
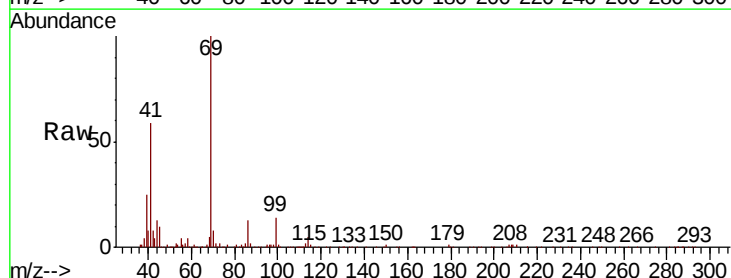
Tgt Ion: 69 Resp: 132956

Ion	Ratio	Lower	Upper
69	100		
41	59.1	46.6	69.8
39	25.1	19.6	29.4

69 100

41 59.1 46.6 69.8

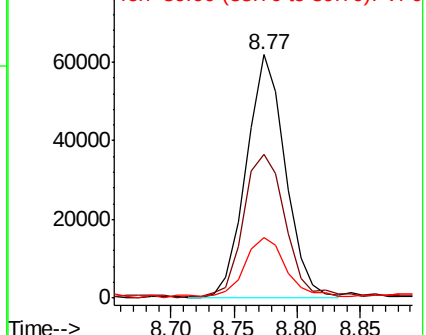
39 25.1 19.6 29.4

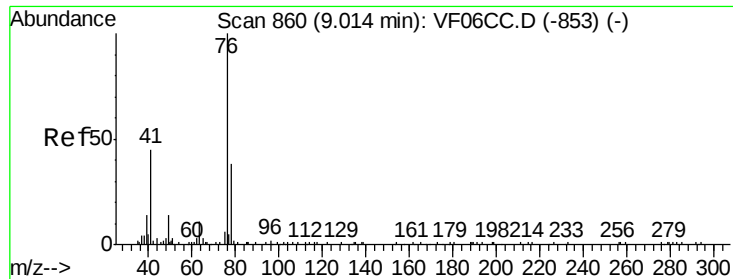


Abundance Ion 69.00 (68.70 to 69.70): VF0

Ion 41.00 (40.70 to 41.70): VF0

Ion 39.00 (38.70 to 39.70): VF0





#57

1,3-Dichloropropane

Concen: 23.871 ug/l

RT: 9.01 min Scan# 860

Delta R.T. -0.01 min

Lab File: VF062878.D

Acq: 6 Jun 2019 13:07

Instrument :

MSVOA_F

ClientSampleId :

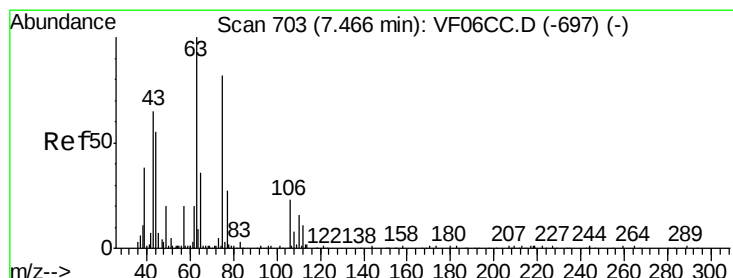
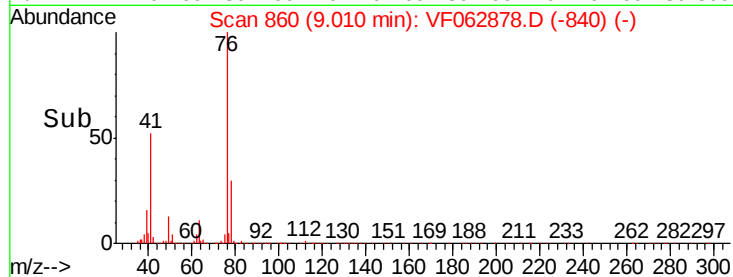
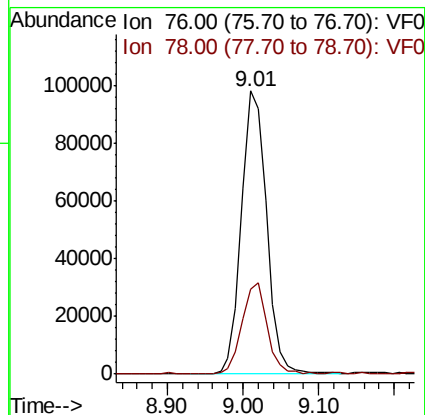
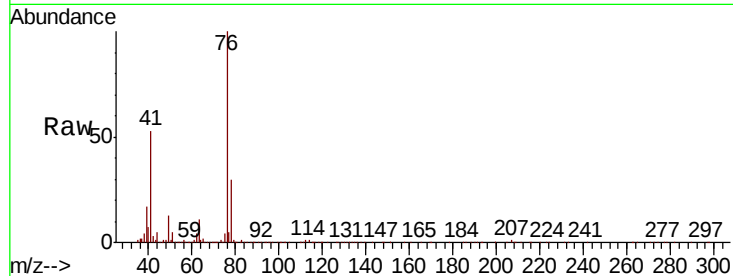
VF0606SBSD01

Tot Ion: 76 Resp: 227765

Ion Ratio Lower Upper

76 100

78 30.0 26.8 40.2



#58

2-Chloroethyl Vinyl ether

Concen: 106.772 ug/l

RT: 7.47 min Scan# 704

Delta R.T. 0.00 min

Lab File: VF062878.D

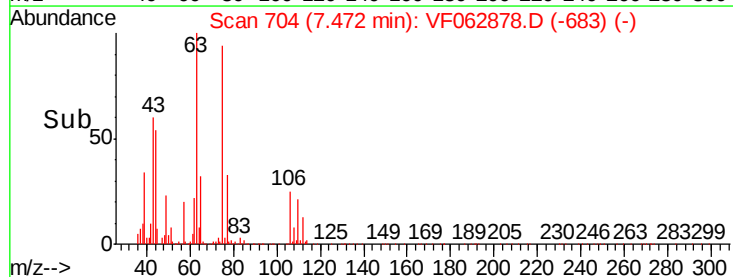
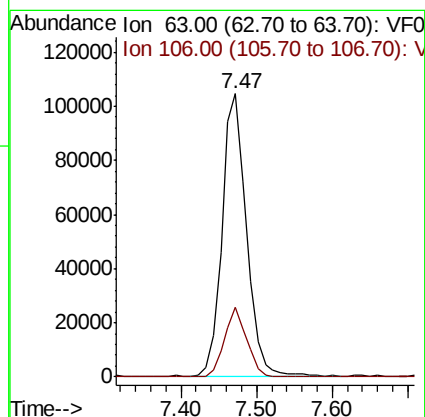
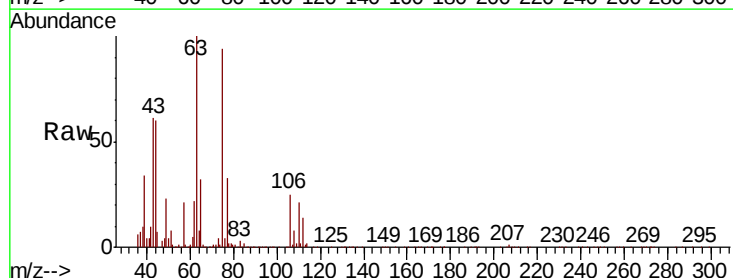
Acq: 6 Jun 2019 13:07

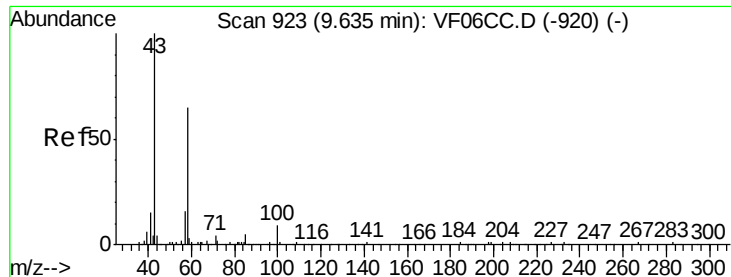
Tgt Ion: 63 Resp: 233942

Ion Ratio Lower Upper

63 100

106 24.8 19.5 29.3

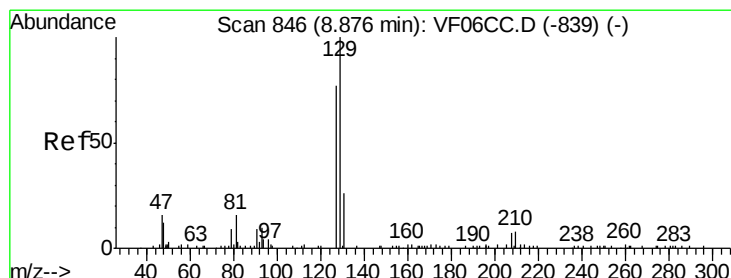
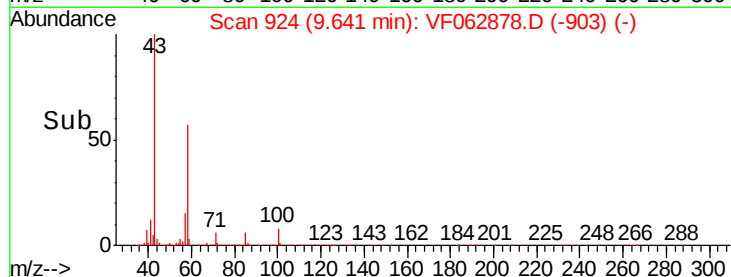
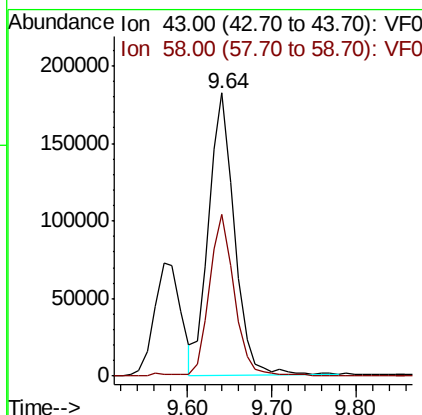
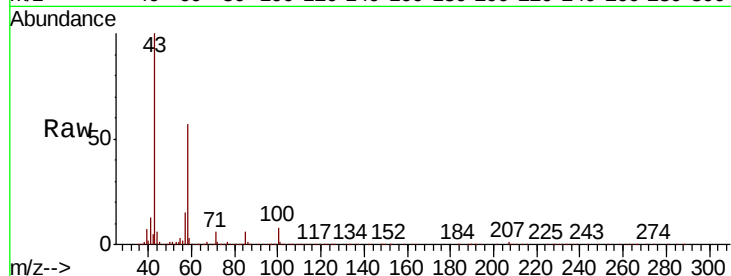




#59
2-Hexanone
Concen: 120.120 ug/l
RT: 9.64 min Scan# 924
Delta R.T. 0.00 min
Lab File: VF062878.D
Acq: 6 Jun 2019 13:07

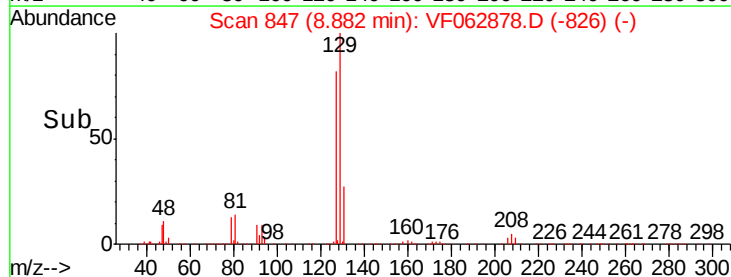
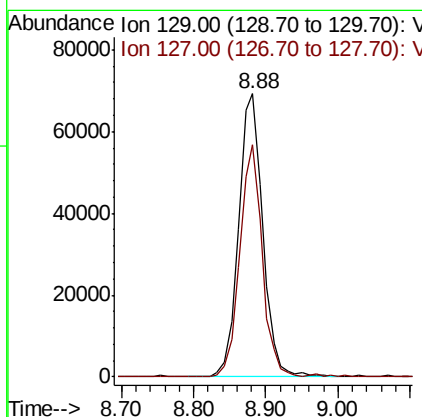
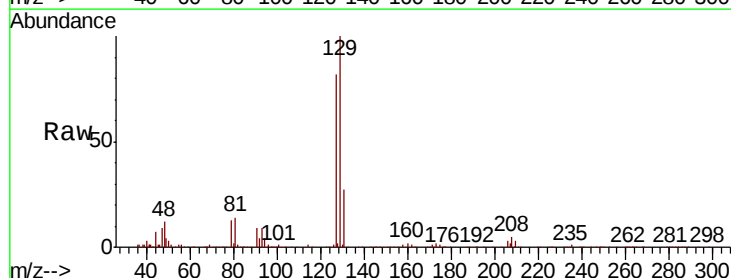
Instrument :
MSVOA_F
ClientSampleId :
VF0606SBSD01

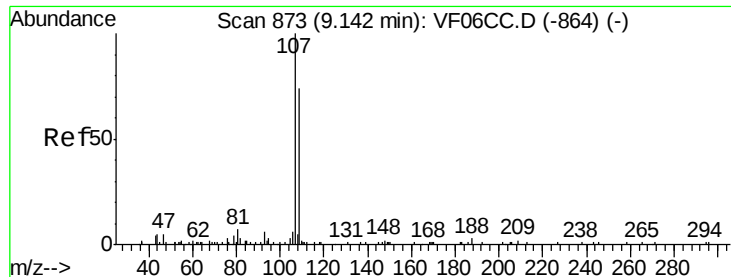
Tot Ion: 43 Resp: 385121
Ion Ratio Lower Upper
43 100
58 56.9 29.3 87.9



#60
Dibromochloromethane
Concen: 22.398 ug/l
RT: 8.88 min Scan# 847
Delta R.T. 0.00 min
Lab File: VF062878.D
Acq: 6 Jun 2019 13:07

Tgt Ion: 129 Resp: 162024
Ion Ratio Lower Upper
129 100
127 82.0 37.1 111.3





#61

1,2-Dibromoethane

Concen: 23.245 ug/l

RT: 9.15 min Scan# 874

Delta R.T. -0.01 min

Lab File: VF062878.D

Acq: 6 Jun 2019 13:07

Instrument :

MSVOA_F

ClientSampleId :

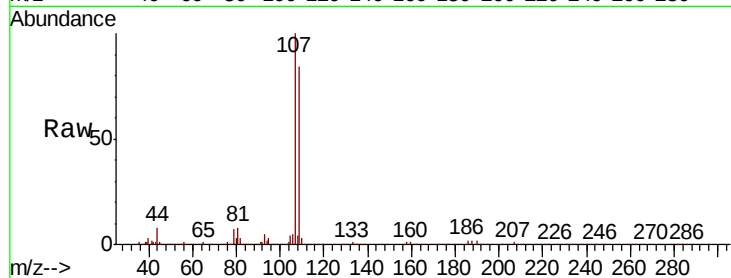
VF0606SBSD01

Tot Ion:107 Resp: 141059

Ion Ratio Lower Upper

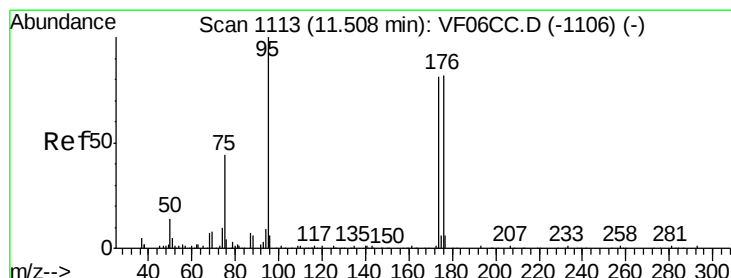
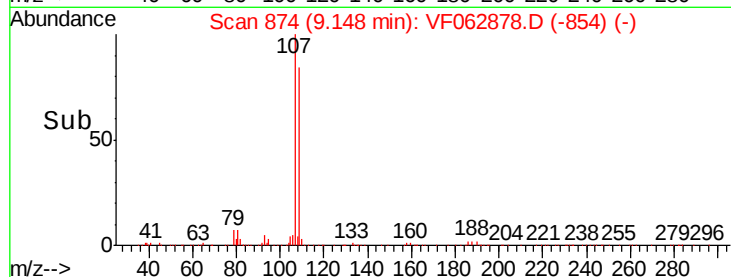
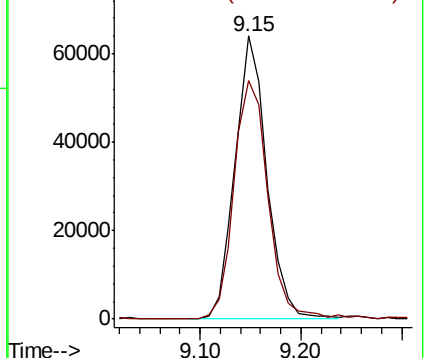
107 100

109 84.3 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: 50.428 ug/l

RT: 11.50 min Scan# 1113

Delta R.T. -0.01 min

Lab File: VF062878.D

Acq: 6 Jun 2019 13:07

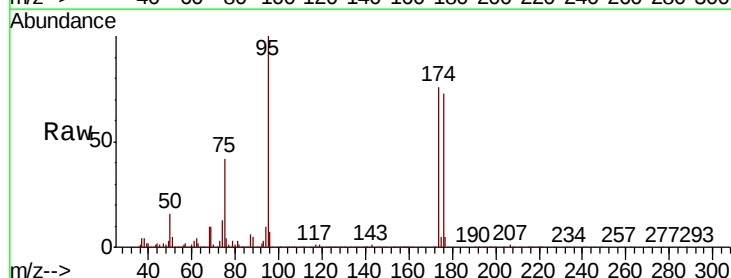
Tgt Ion: 95 Resp: 469777

Ion Ratio Lower Upper

95 100

174 75.7 0.0 170.6

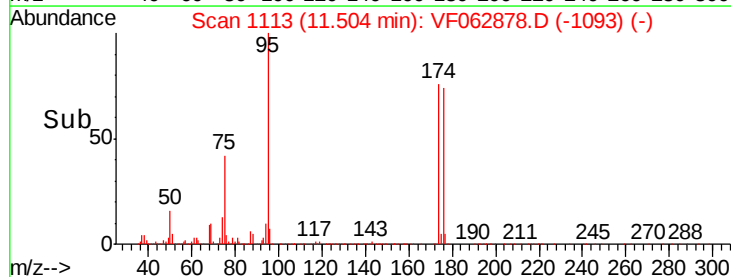
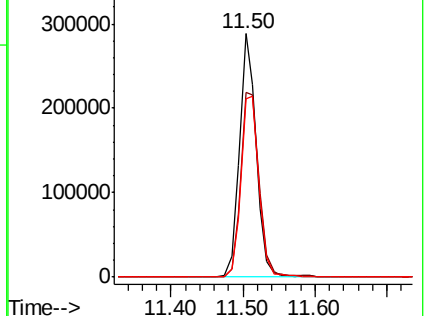
176 73.5 0.0 170.6

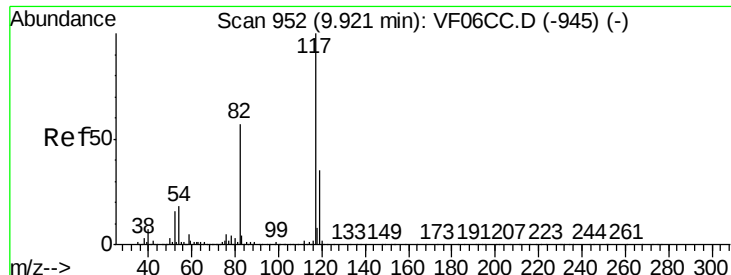


Abundance Ion 95.00 (94.70 to 95.70): VF0

Ion 174.00 (173.70 to 174.70): V

Ion 176.00 (175.70 to 176.70): V

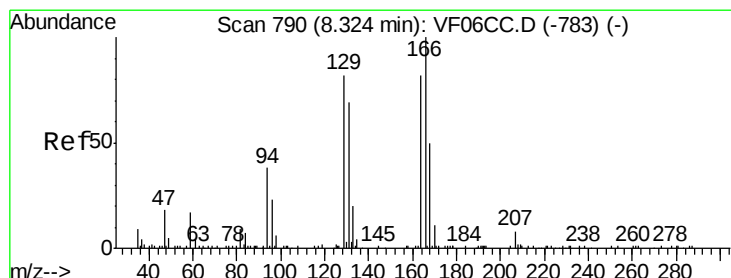
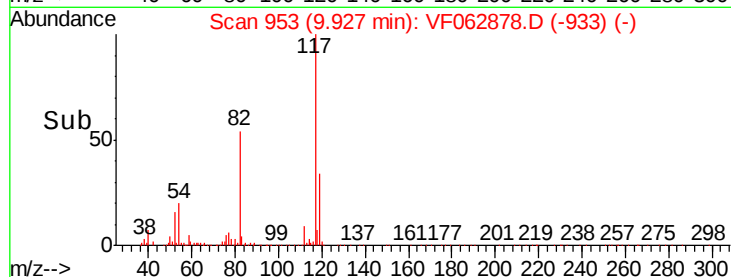
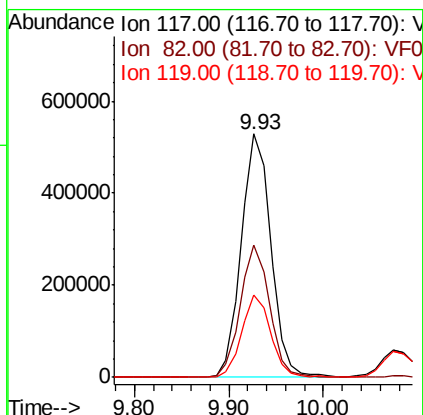
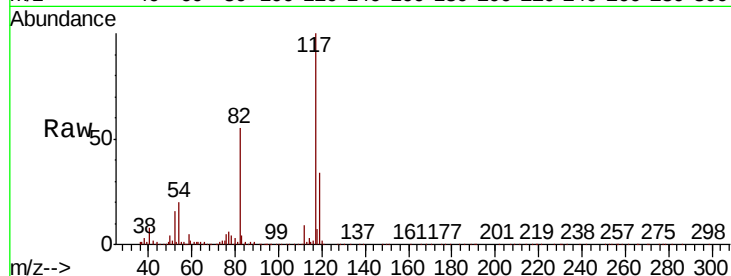




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.93 min Scan# 953
Delta R.T. -0.01 min
Lab File: VF062878.D
Acq: 6 Jun 2019 13:07

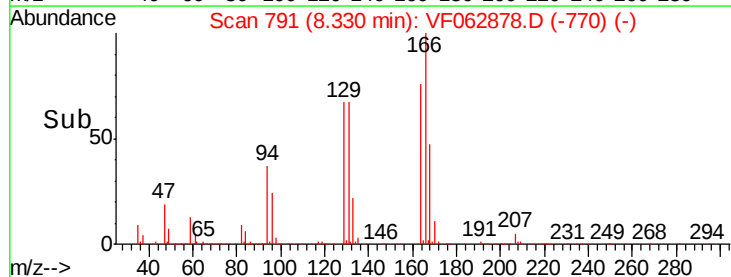
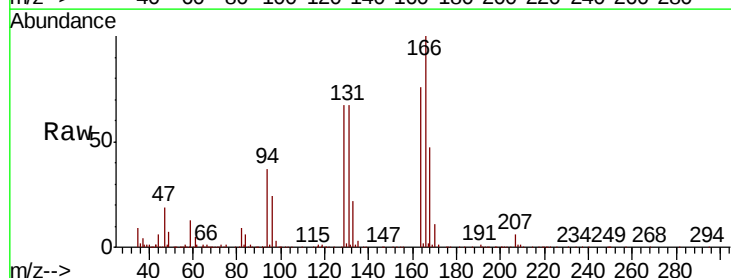
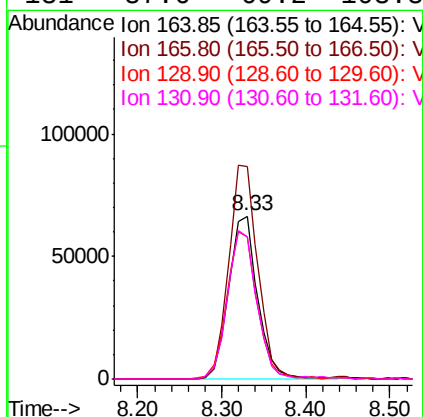
Instrument :
MSVOA_F
ClientSampleId :
VF0606SBSD01

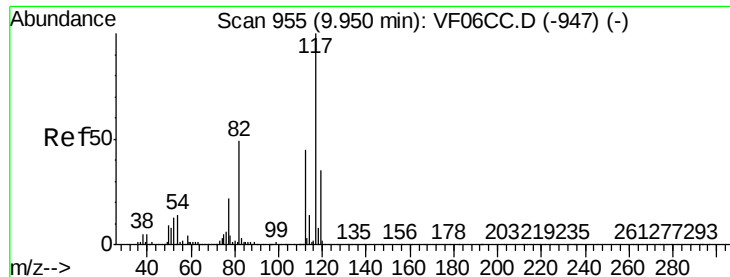
Tot Ion:117 Resp: 1151130
Ion Ratio Lower Upper
117 100
82 54.5 42.4 63.6
119 33.6 27.1 40.7



#64
Tetrachloroethene
Concen: 18.058 ug/l
RT: 8.33 min Scan# 791
Delta R.T. 0.00 min
Lab File: VF062878.D
Acq: 6 Jun 2019 13:07

Tgt Ion:164 Resp: 159734
Ion Ratio Lower Upper
164 100
166 130.7 99.1 148.7
129 87.4 69.5 104.3
131 87.6 69.2 103.8





#65

Chlorobenzene

Concen: 20.170 ug/l

RT: 9.95 min Scan# 955

Delta R.T. -0.01 min

Lab File: VF062878.D

Acq: 6 Jun 2019 13:07

Instrument :

MSVOA_F

ClientSampleId :

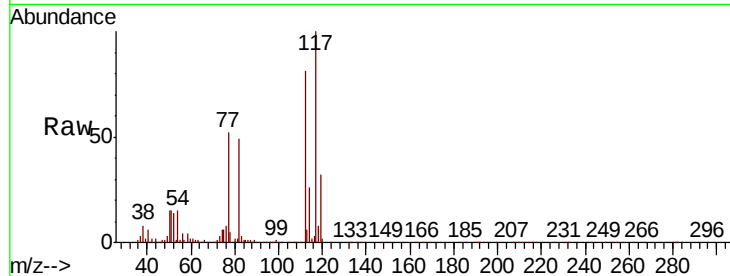
VF0606SBSD01

Tot Ion:112 Resp: 448371

Ion Ratio Lower Upper

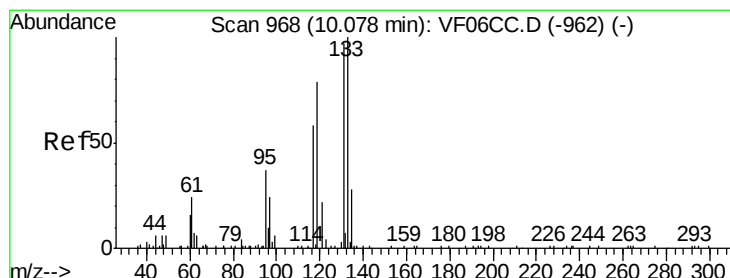
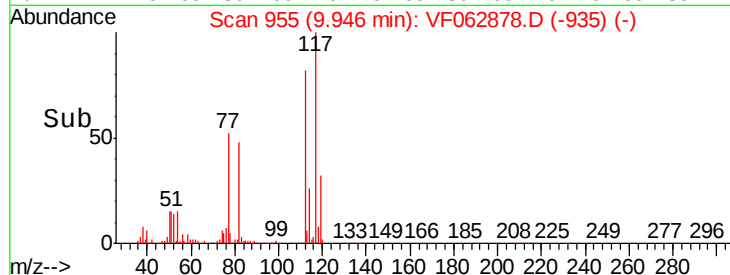
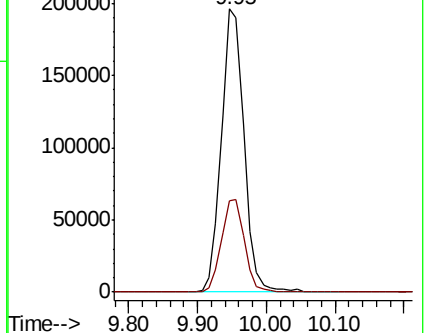
112 100

114 32.4 27.4 41.0



Abundance Ion 112.00 (111.70 to 112.70): V

Ion 114.00 (113.70 to 114.70): V



#66

1,1,1,2-Tetrachloroethane

Concen: 18.978 ug/l

RT: 10.07 min Scan# 968

Delta R.T. -0.01 min

Lab File: VF062878.D

Acq: 6 Jun 2019 13:07

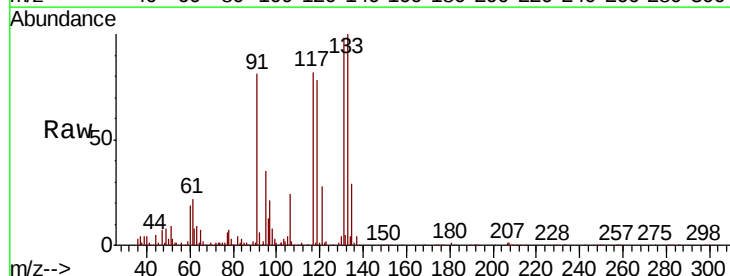
Tgt Ion:131 Resp: 168017

Ion Ratio Lower Upper

131 100

133 102.2 48.9 146.7

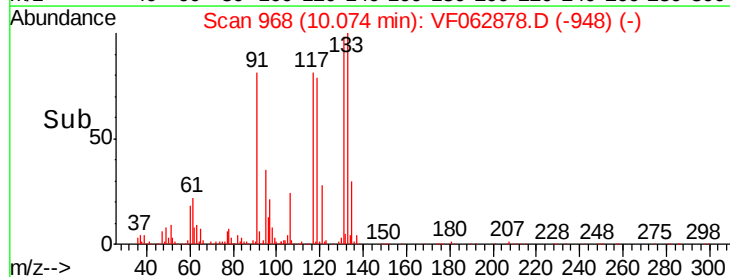
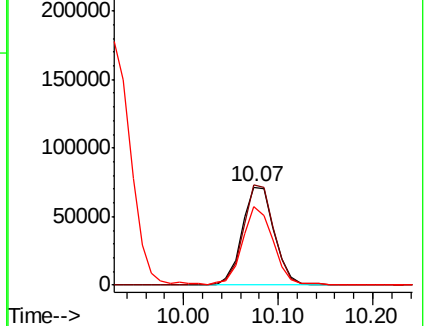
119 80.1 38.0 114.0

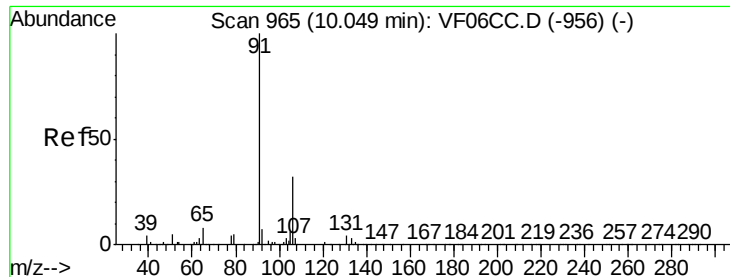


Abundance Ion 131.00 (130.70 to 131.70): V

Ion 133.00 (132.70 to 133.70): V

Ion 119.00 (118.70 to 119.70): V





#67

Ethyl Benzene

Concen: 20.510 ug/l

RT: 10.04 min Scan# 965

Delta R.T. -0.01 min

Lab File: VF062878.D

Acq: 6 Jun 2019 13:07

Instrument :

MSVOA_F

ClientSampleId :

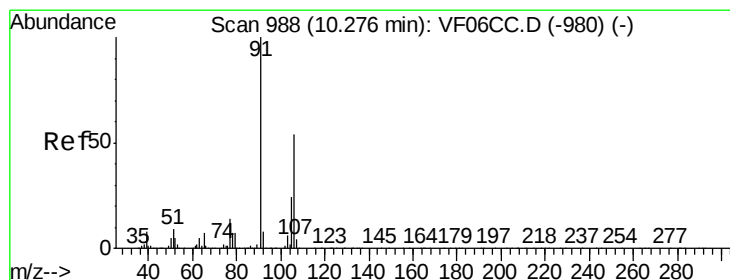
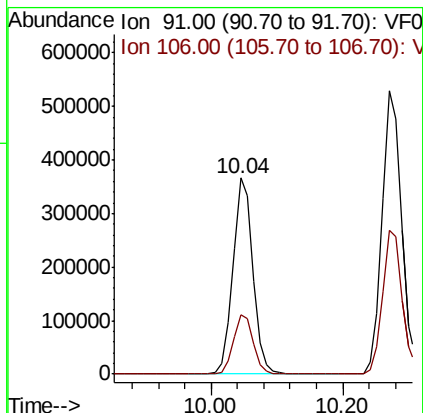
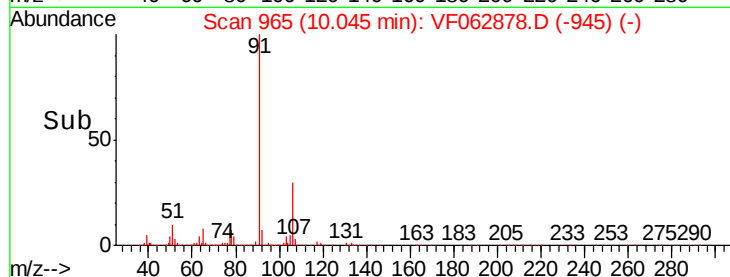
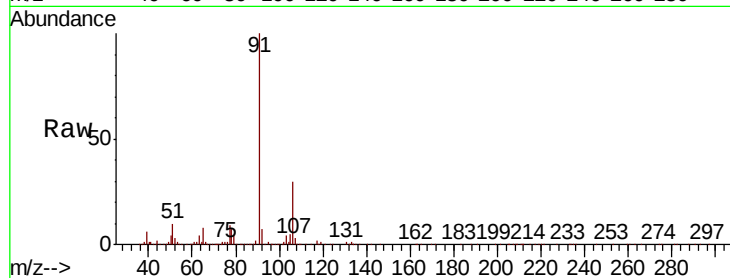
VF0606SBSD01

Tot Ion: 91 Resp: 782394

Ion Ratio Lower Upper

91 100

106 30.0 26.0 39.0



#68

m/p-Xylenes

Concen: 38.643 ug/l

RT: 10.27 min Scan# 988

Delta R.T. -0.01 min

Lab File: VF062878.D

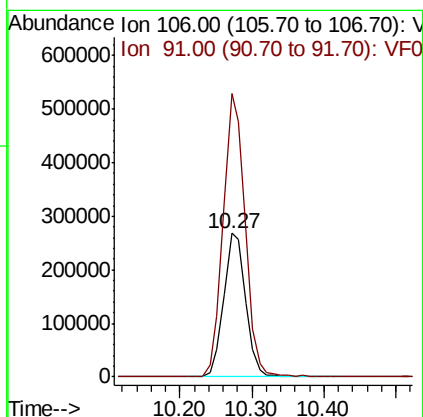
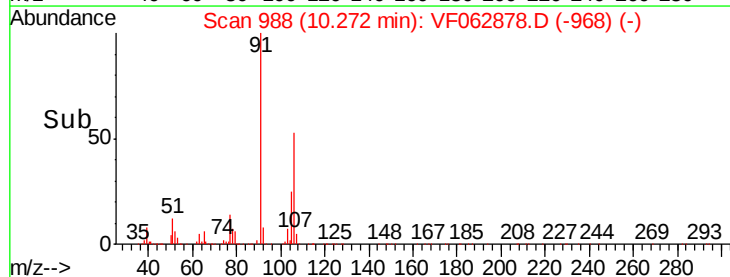
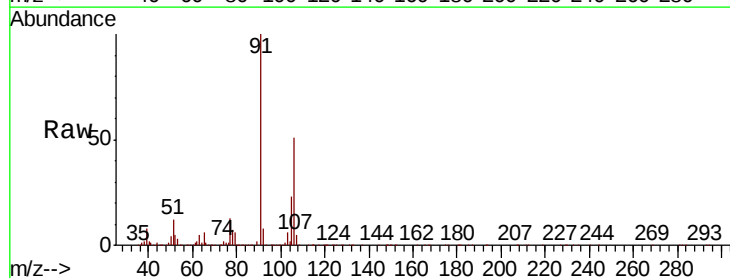
Acq: 6 Jun 2019 13:07

Tgt Ion: 106 Resp: 564103

Ion Ratio Lower Upper

106 100

91 197.3 136.2 204.4

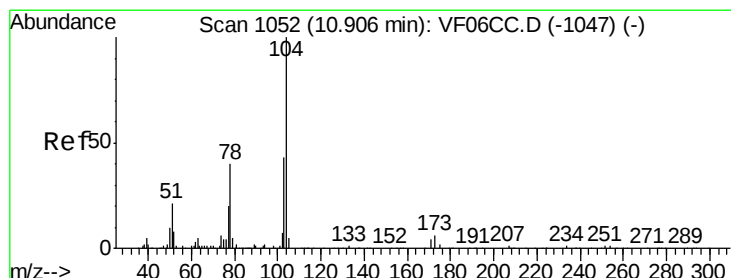
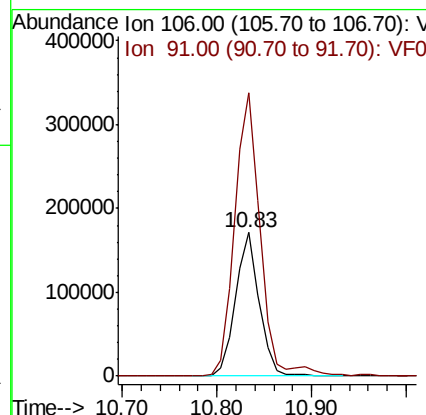
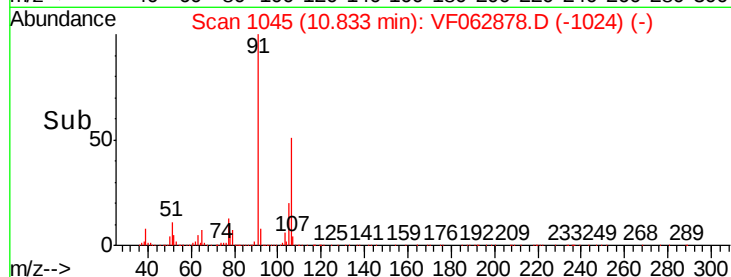
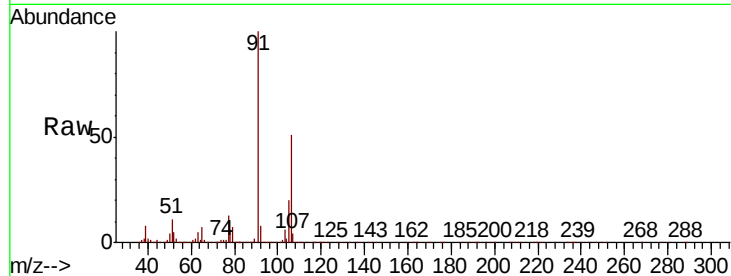




#69
o-Xylene
Concen: 20.097 ug/l
RT: 10.83 min Scan# 1045
Delta R.T. 0.00 min
Lab File: VF062878.D
Acq: 6 Jun 2019 13:07

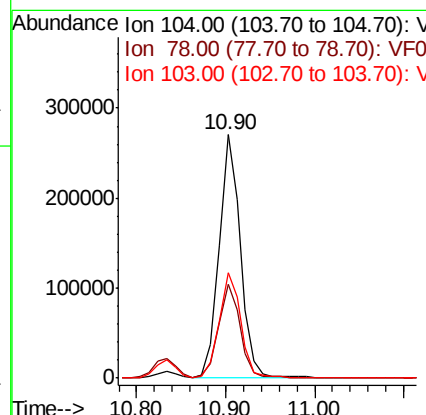
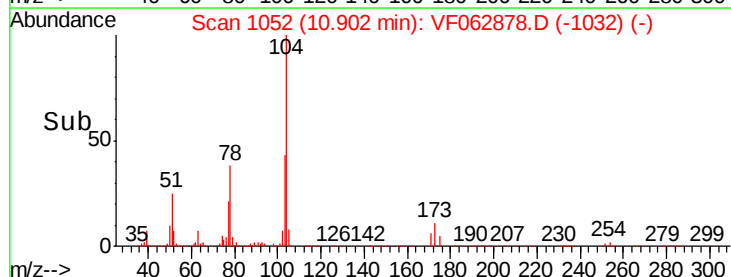
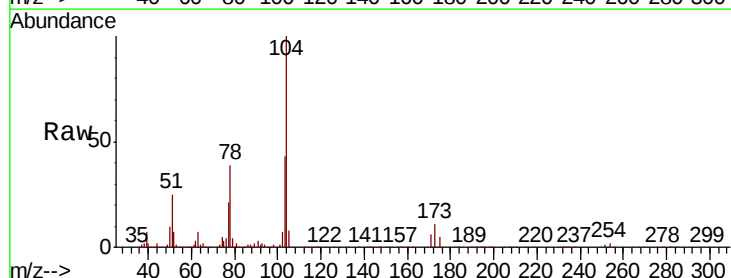
Instrument :
MSVOA_F
ClientSampleId :
VF0606SBS01

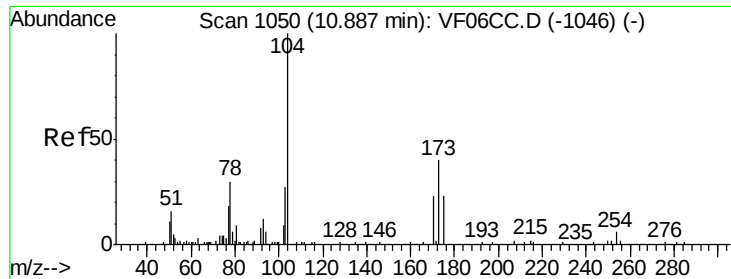
Tot Ion:106 Resp: 297025
Ion Ratio Lower Upper
106 100
91 196.9 96.6 289.8



#70
Styrene
Concen: 20.735 ug/l
RT: 10.90 min Scan# 1052
Delta R.T. -0.01 min
Lab File: VF062878.D
Acq: 6 Jun 2019 13:07

Tgt Ion:104 Resp: 451708
Ion Ratio Lower Upper
104 100
78 38.5 30.8 46.2
103 43.4 35.8 53.6





#71

Bromoform

Concen: 19.674 ug/l

RT: 10.89 min Scan# 1051

Delta R.T. -0.01 min

Lab File: VF062878.D

Acq: 6 Jun 2019 13:07

Instrument :

MSVOA_F

ClientSampleId :

VF0606SBSD01

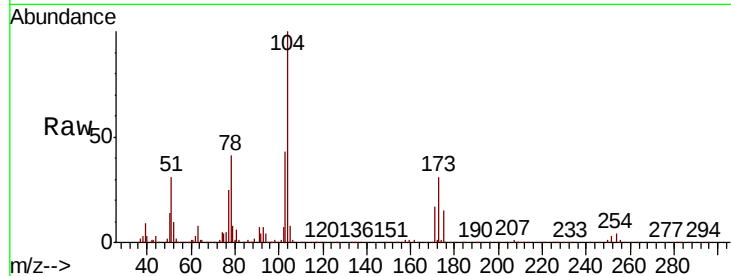
Tot Ion:173 Resp: 83556

Ion Ratio Lower Upper

173 100

175 48.6 24.6 74.0

254 0.0 0.1 0.1#

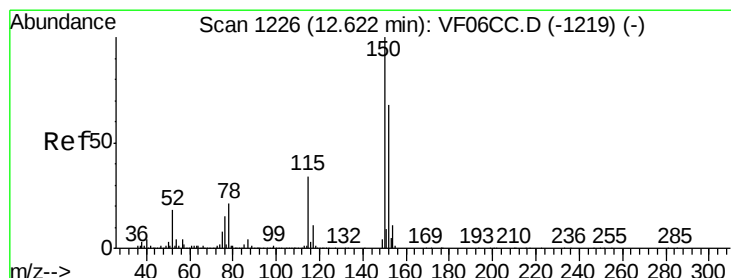
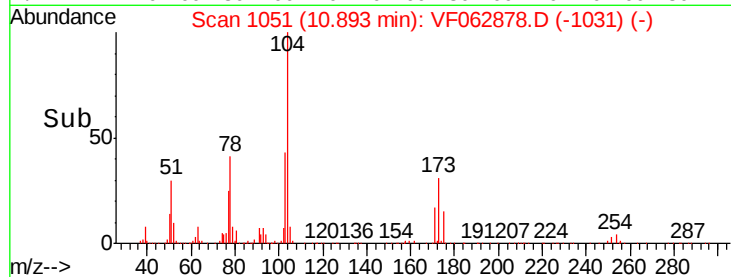
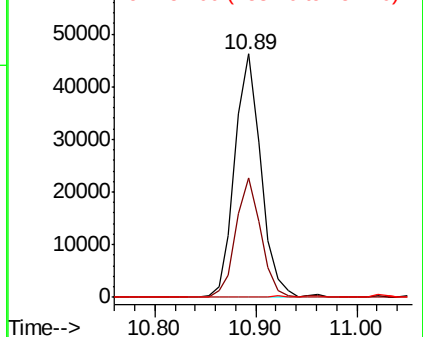


Abundance

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: 12.62 min Scan# 1226

Delta R.T. -0.01 min

Lab File: VF062878.D

Acq: 6 Jun 2019 13:07

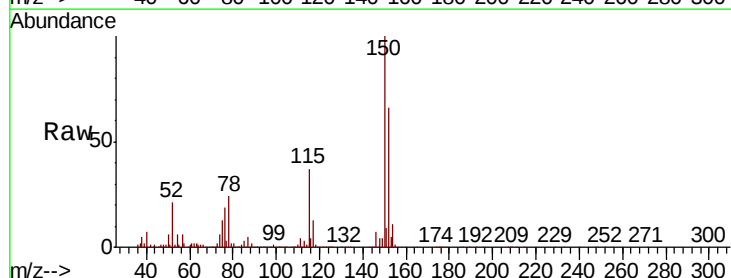
Tgt Ion:152 Resp: 530599

Ion Ratio Lower Upper

152 100

115 56.9 24.6 74.0

150 151.7 0.0 290.6

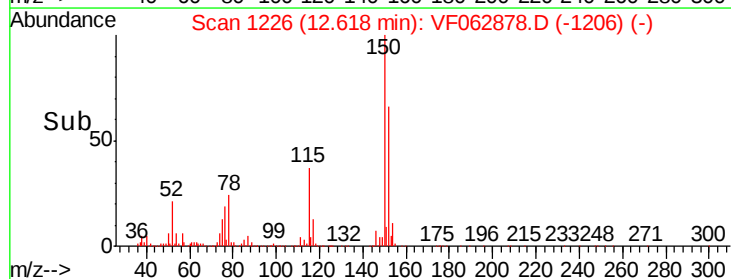
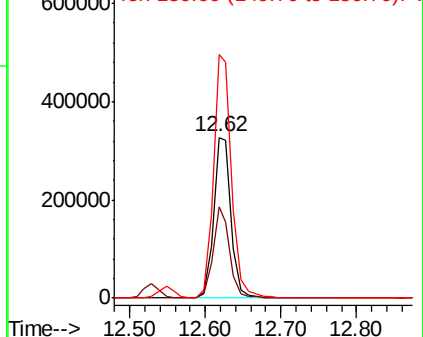


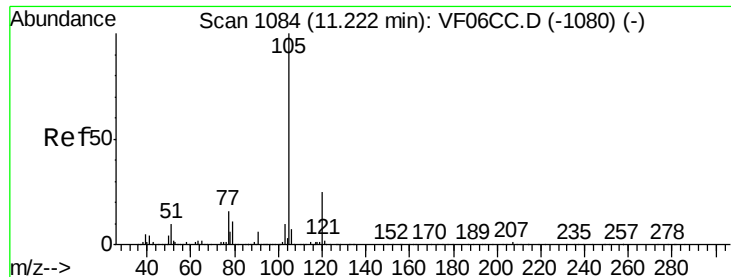
Abundance

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: 21.713 ug/l

RT: 11.23 min Scan# 1085

Delta R.T. -0.01 min

Lab File: VF062878.D

Acq: 6 Jun 2019 13:07

Instrument :

MSVOA_F

ClientSampleId :

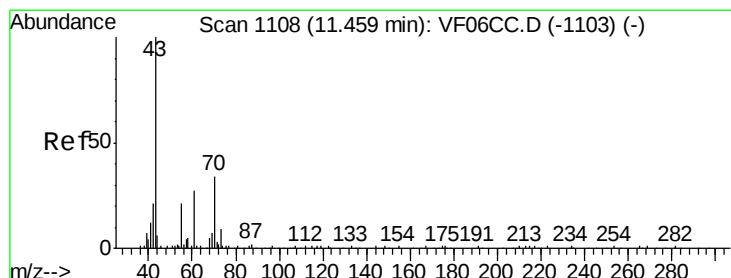
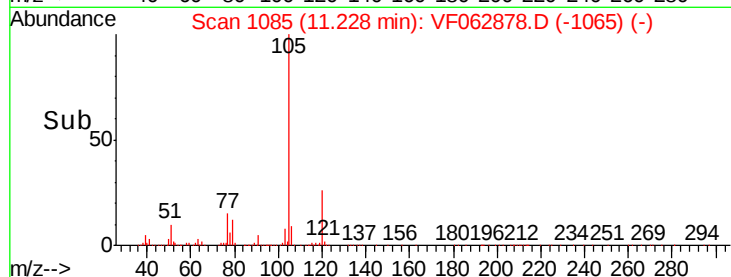
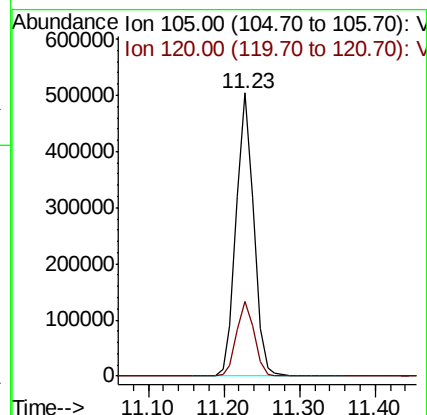
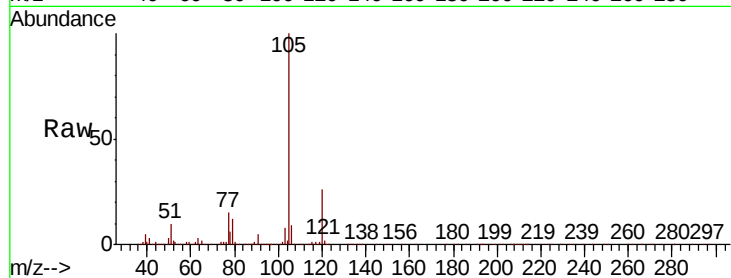
VF0606SBSD01

Tot Ion:105 Resp: 803875

Ion Ratio Lower Upper

105 100

120 26.4 15.1 45.3



#74

N-ethyl acetate

Concen: 20.991 ug/l

RT: 11.45 min Scan# 1108

Delta R.T. -0.01 min

Lab File: VF062878.D

Acq: 6 Jun 2019 13:07

Tgt Ion: 43 Resp: 219030

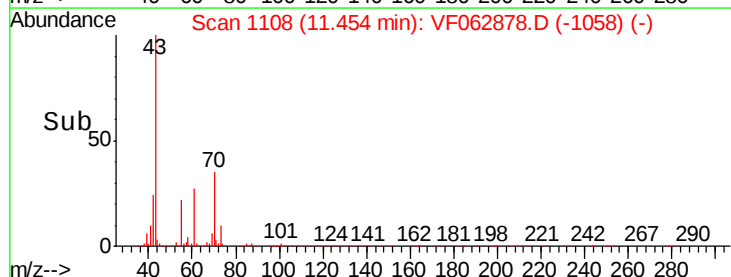
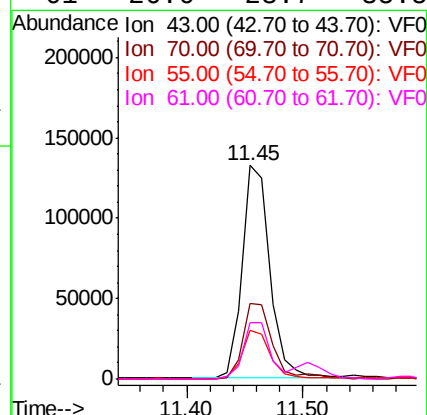
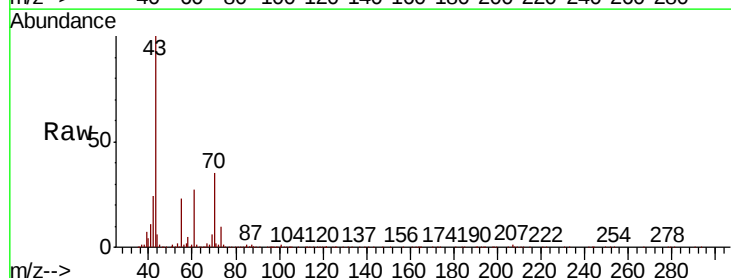
Ion Ratio Lower Upper

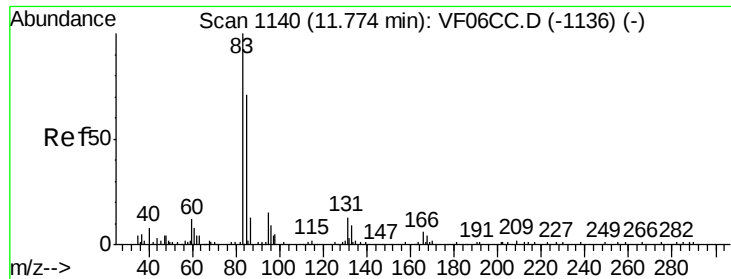
43 100

70 35.2 32.9 49.3

55 22.5 17.3 25.9

61 26.6 23.7 35.5





#75

1,1,2,2-Tetrachloroethane

Concen: 21.177 ug/l

RT: 11.78 min Scan# 1141

Delta R.T. -0.01 min

Lab File: VF062878.D

Acq: 6 Jun 2019 13:07

Instrument :

MSVOA_F

ClientSampleId :

VF0606SBS01

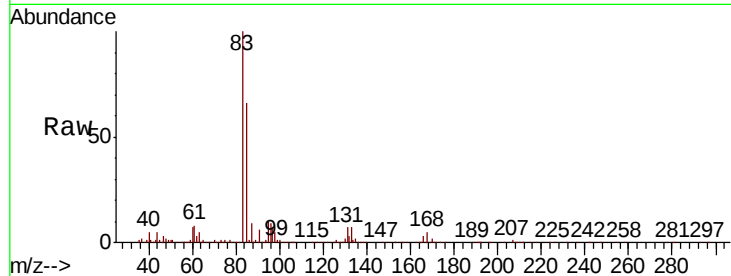
Tot Ion: 83 Resp: 167434

Ion Ratio Lower Upper

83 100

131 6.8 4.9 14.7

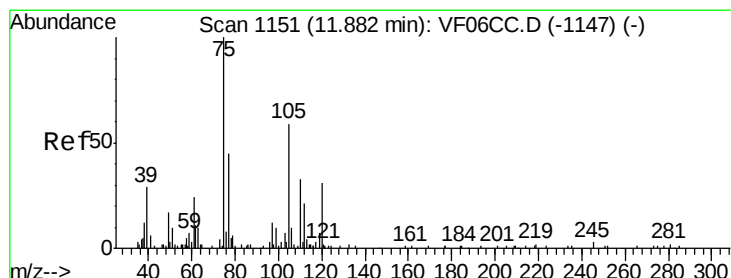
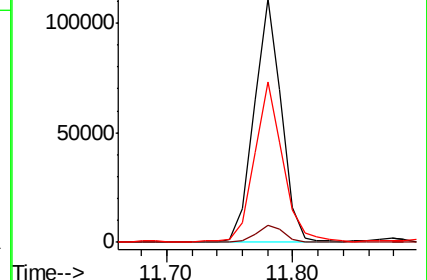
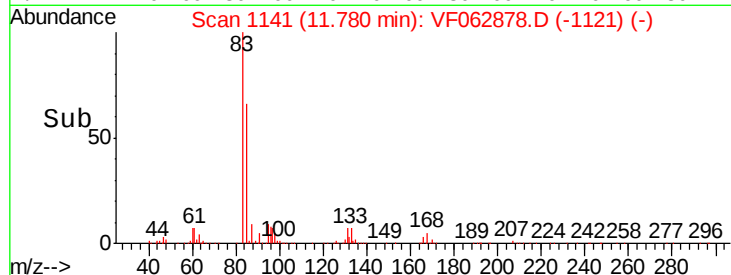
85 65.9 32.1 96.5



Abundance Ion 83.00 (82.70 to 83.70): VF0

Ion 131.00 (130.70 to 131.70): VF0

Ion 85.00 (84.70 to 85.70): VF0



#76

1,2,3-Trichloropropane

Concen: 20.351 ug/l

RT: 11.88 min Scan# 1151

Delta R.T. -0.01 min

Lab File: VF062878.D

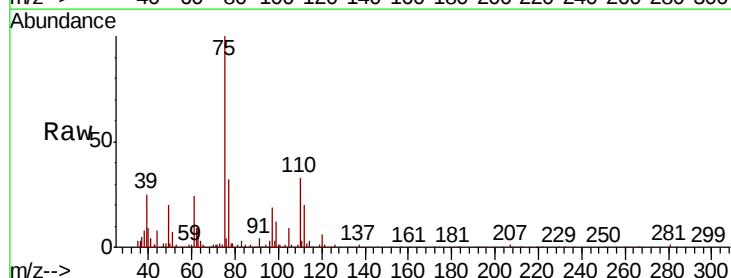
Acq: 6 Jun 2019 13:07

Tgt Ion: 75 Resp: 106654

Ion Ratio Lower Upper

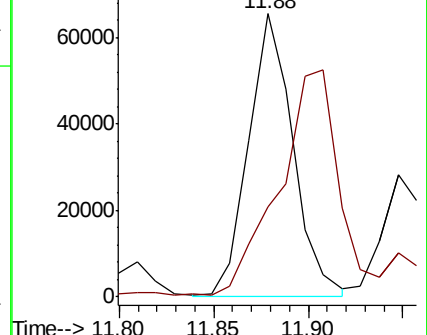
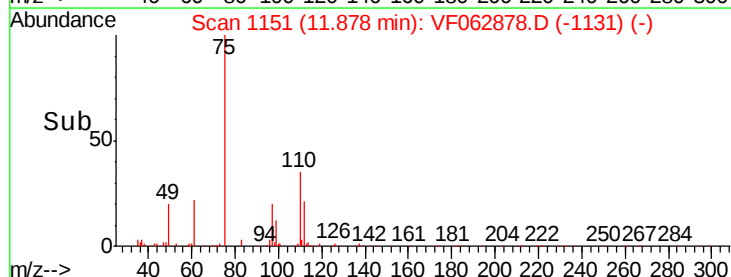
75 100

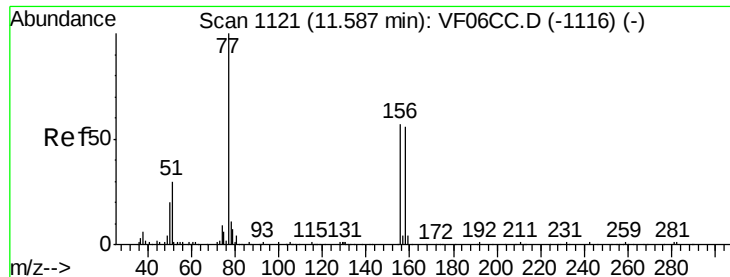
77 32.0 20.1 60.2



Abundance Ion 75.00 (74.70 to 75.70): VF0

Ion 77.00 (76.70 to 77.70): VF0





#77

Bromobenzene

Concen: 20.635 ug/l

RT: 11.59 min Scan# 1122

Delta R.T. -0.01 min

Lab File: VF062878.D

Acq: 6 Jun 2019 13:07

Instrument :

MSVOA_F

ClientSampleId :

VF0606SBSD01

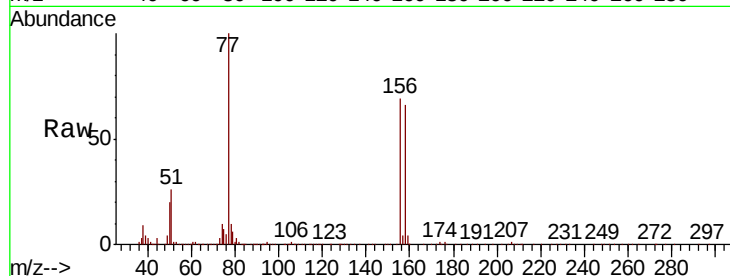
Tot Ion:156 Resp: 191958

Ion Ratio Lower Upper

156 100

77 145.8 64.2 192.6

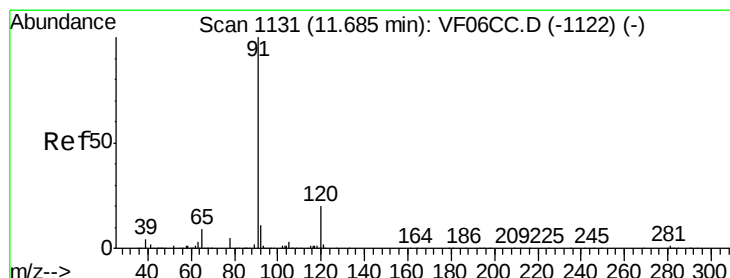
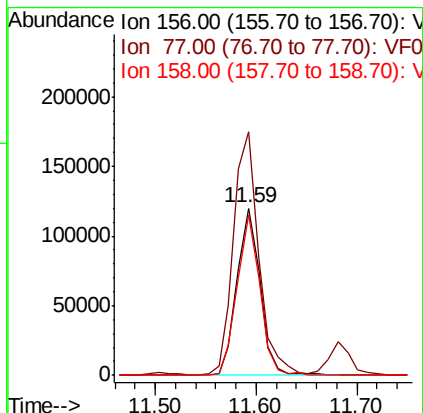
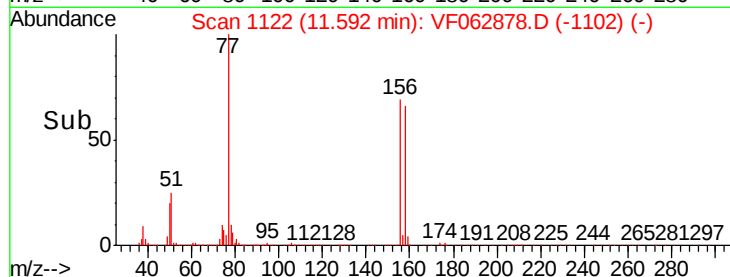
158 95.8 50.3 151.0



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: 21.335 ug/l

RT: 11.68 min Scan# 1131

Delta R.T. -0.01 min

Lab File: VF062878.D

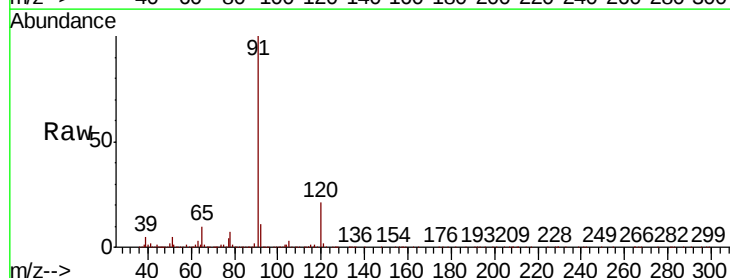
Acq: 6 Jun 2019 13:07

Tgt Ion: 91 Resp: 953713

Ion Ratio Lower Upper

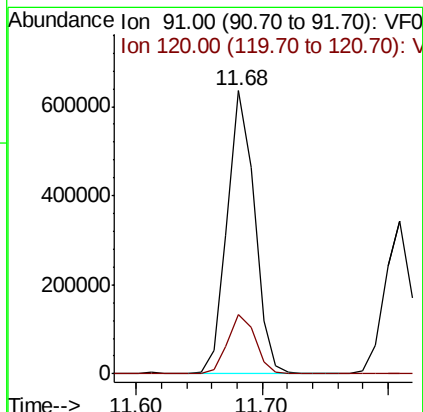
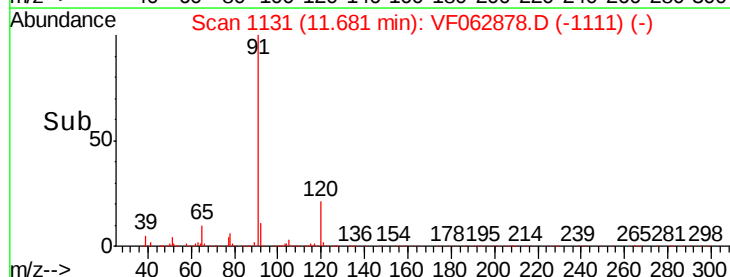
91 100

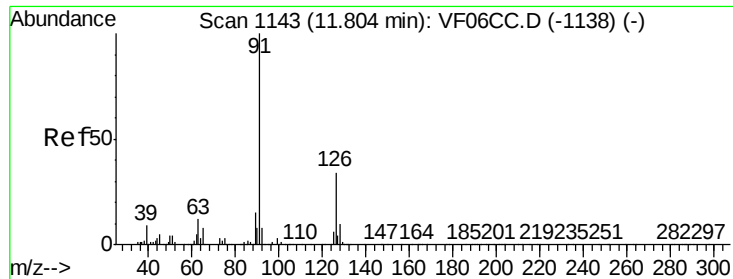
120 20.8 12.8 38.4



Abundance Ion 91.00 (90.70 to 91.70): VF0

Ion 120.00 (119.70 to 120.70): V

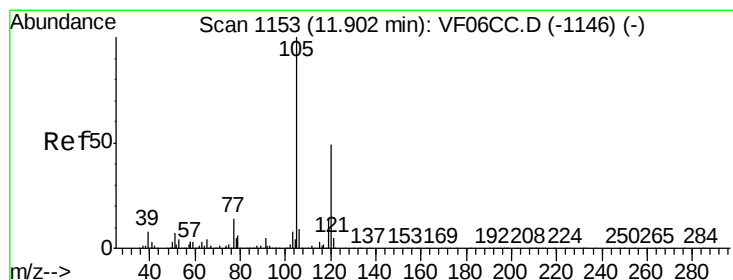
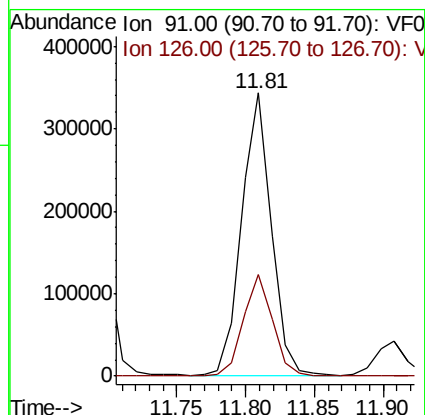
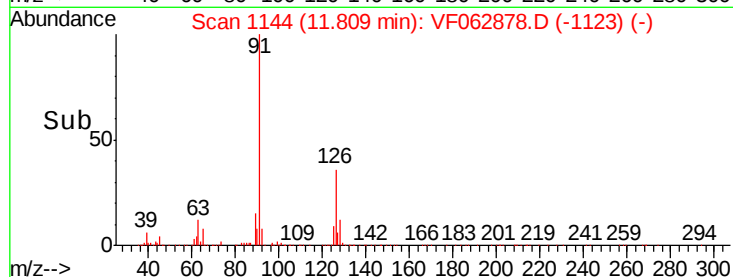
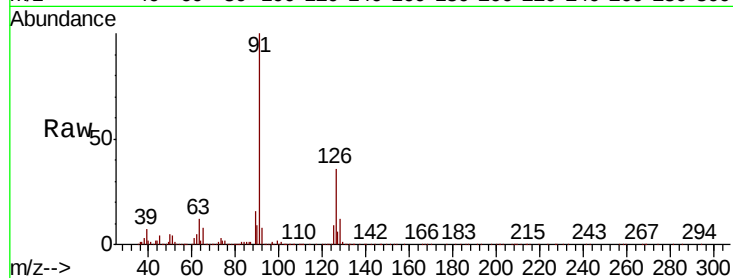




#79
 2-Chlorotoluene
 Concen: 20.042 ug/l
 RT: 11.81 min Scan# 1144
 Delta R.T. 0.00 min
 Lab File: VF062878.D
 Acq: 6 Jun 2019 13:07

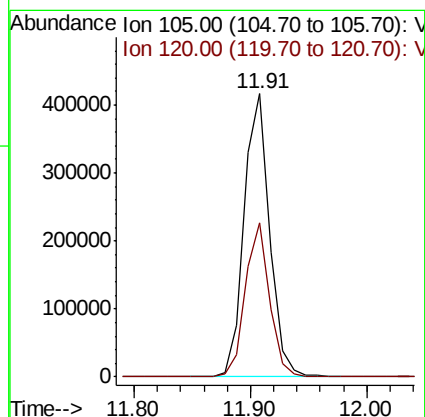
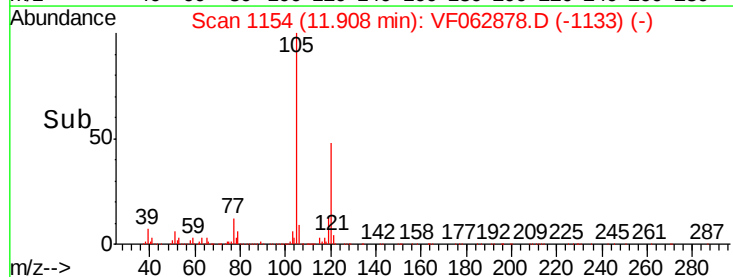
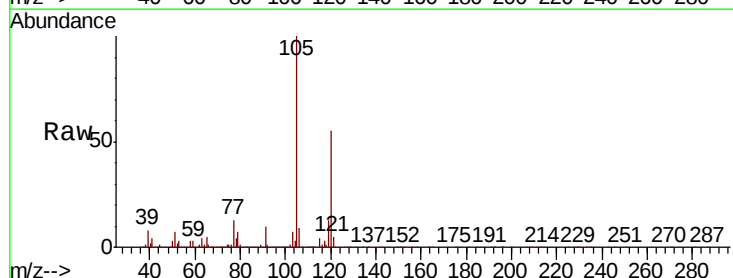
Instrument :
 MSVOA_F
 ClientSampleId :
 VF0606SBSD01

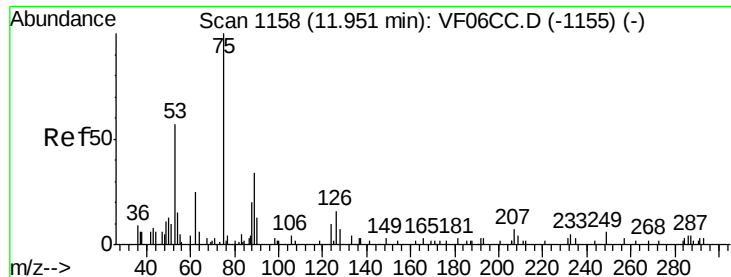
Tot Ion: 91 Resp: 512644
 Ion Ratio Lower Upper
 91 100
 126 35.8 17.8 53.3



#80
 1,3,5-Trimethylbenzene
 Concen: 20.835 ug/l
 RT: 11.91 min Scan# 1154
 Delta R.T. 0.00 min
 Lab File: VF062878.D
 Acq: 6 Jun 2019 13:07

Tgt Ion: 105 Resp: 630820
 Ion Ratio Lower Upper
 105 100
 120 54.6 28.7 86.1





#81

trans-1,4-Dichloro-2-butene

Concen: 26.066 ug/l

RT: 11.95 min Scan# 1158

Delta R.T. -0.01 min

Lab File: VF062878.D

Acq: 6 Jun 2019 13:07

Instrument :

MSVOA_F

ClientSampleId :

VF0606SBS01

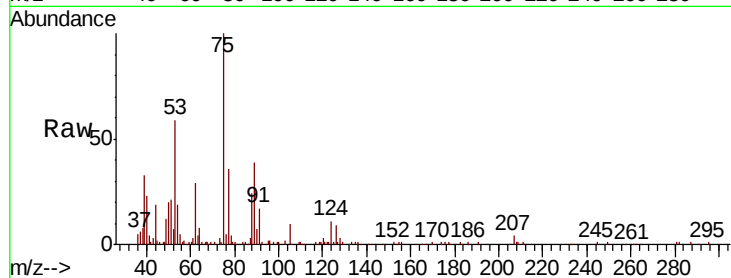
Tot Ion: 75 Resp: 57835

Ion Ratio Lower Upper

75 100

53 59.1 43.5 65.3

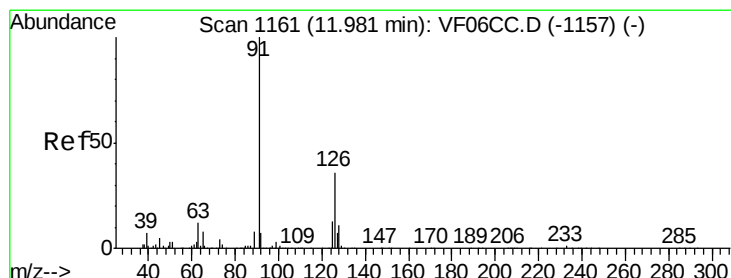
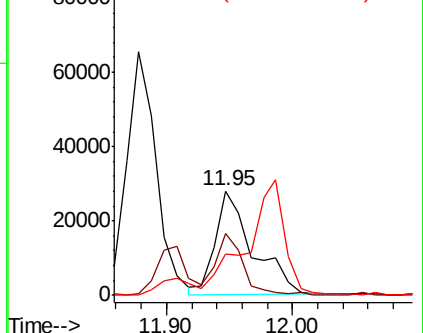
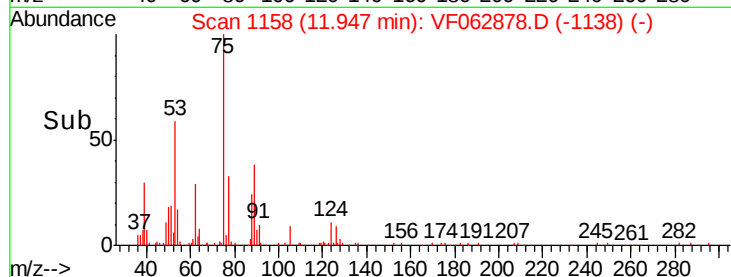
89 39.1 34.3 51.5



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: 20.637 ug/l

RT: 11.99 min Scan# 1162

Delta R.T. 0.00 min

Lab File: VF062878.D

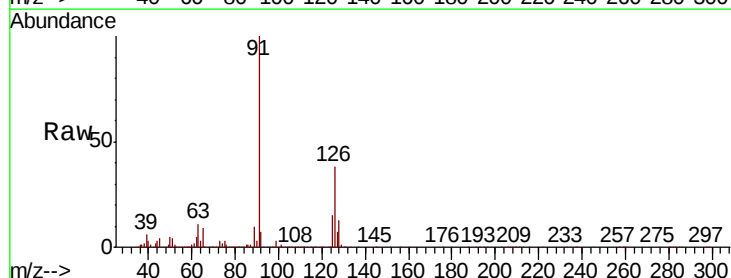
Acq: 6 Jun 2019 13:07

Tgt Ion: 91 Resp: 518754

Ion Ratio Lower Upper

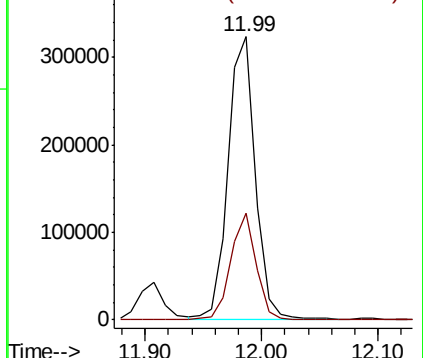
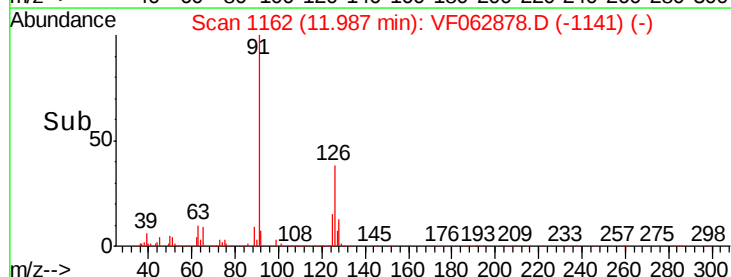
91 100

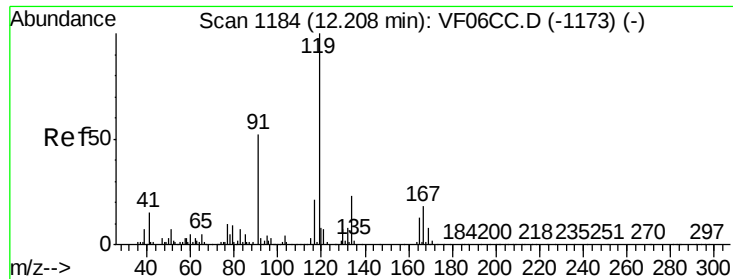
126 37.9 19.1 57.1



Abundance Ion 91.00 (90.70 to 91.70): VF0

Ion 126.00 (125.70 to 126.70): V

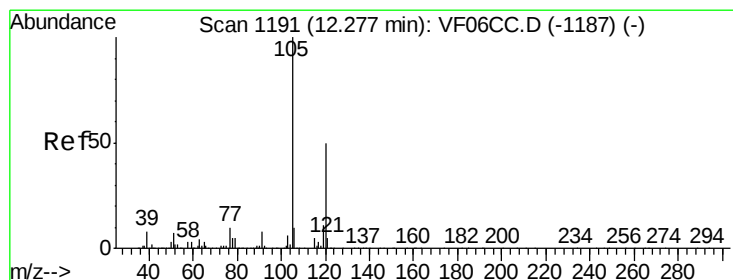
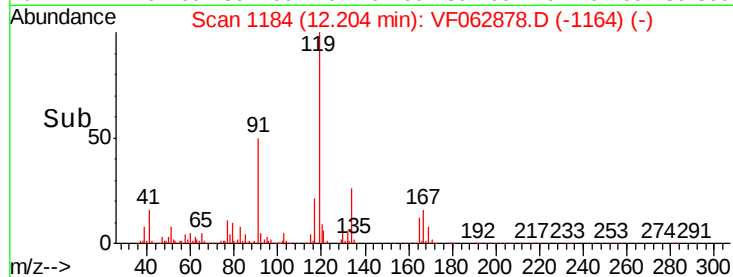
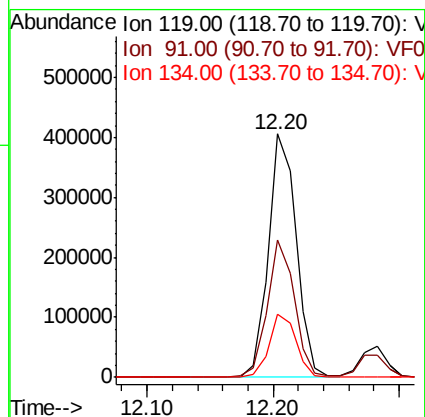
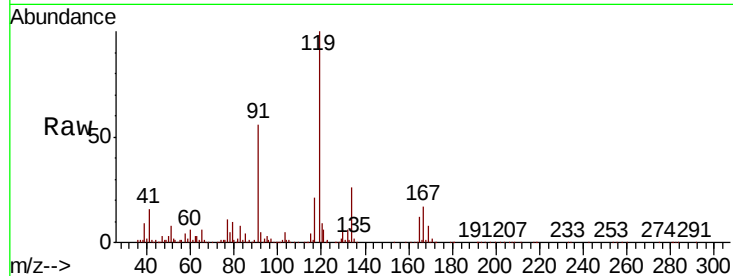




#83
tert-Butylbenzene
Concen: 20.936 ug/l
RT: 12.20 min Scan# 1184
Delta R.T. -0.01 min
Lab File: VF062878.D
Acq: 6 Jun 2019 13:07

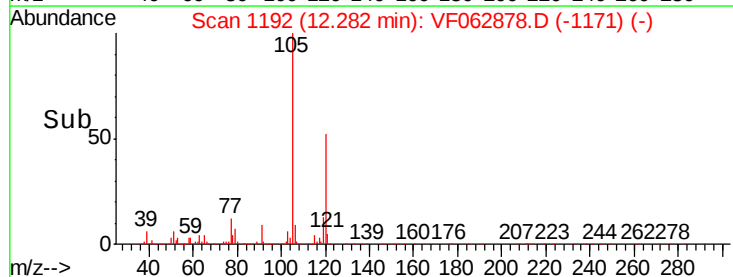
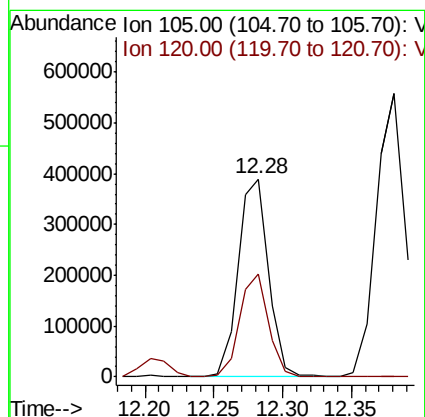
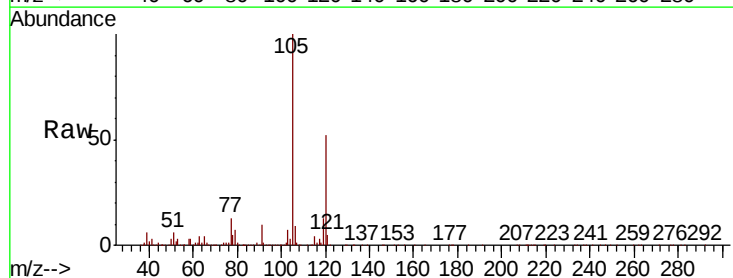
Instrument :
MSVOA_F
ClientSampleID :
VF0606SBSD01

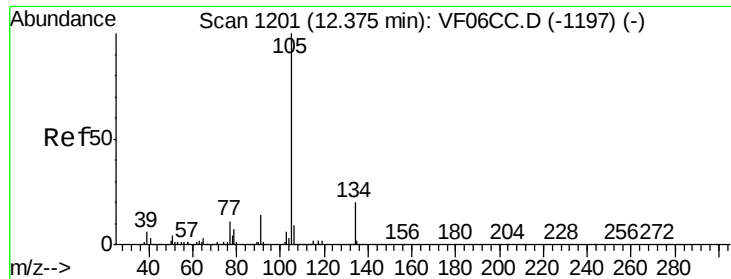
Tot Ion:119 Resp: 628083
Ion Ratio Lower Upper
119 100
91 56.5 28.9 86.7
134 26.0 14.3 42.9



#84
1,2,4-Trimethylbenzene
Concen: 20.769 ug/l
RT: 12.28 min Scan# 1192
Delta R.T. 0.00 min
Lab File: VF062878.D
Acq: 6 Jun 2019 13:07

Tgt Ion:105 Resp: 596200
Ion Ratio Lower Upper
105 100
120 51.8 27.1 81.3

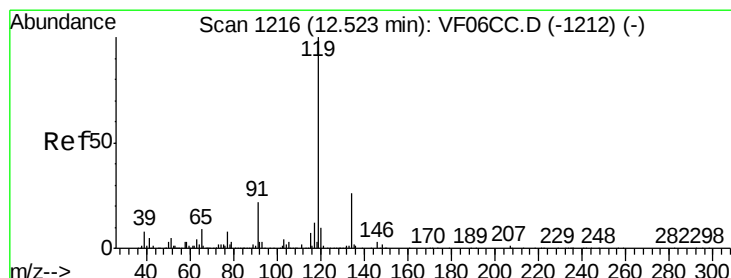
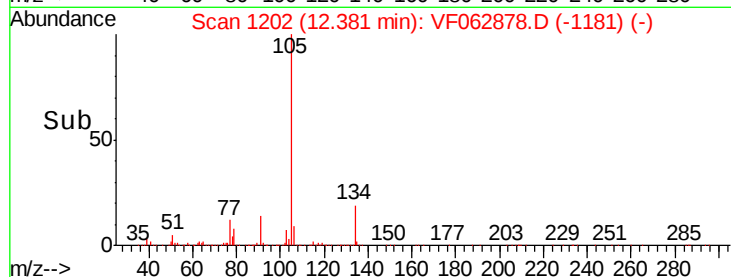
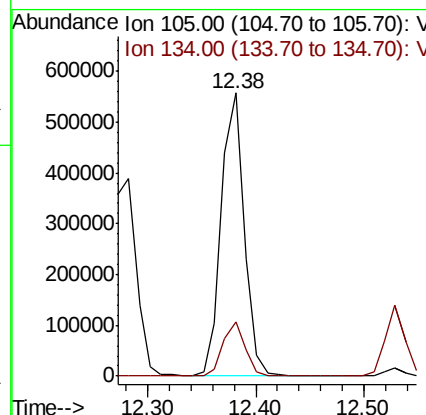
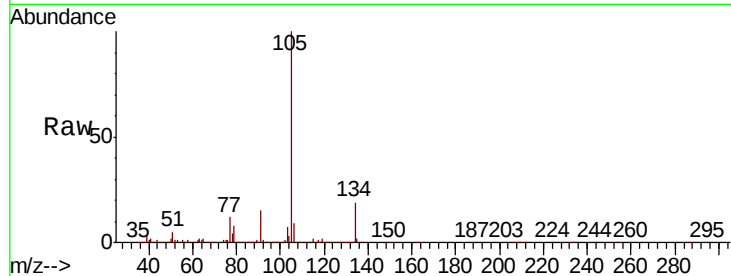




#85
 sec-Butylbenzene
 Concen: 20.790 ug/l
 RT: 12.38 min Scan# 1202
 Delta R.T. 0.00 min
 Lab File: VF062878.D
 Acq: 6 Jun 2019 13:07

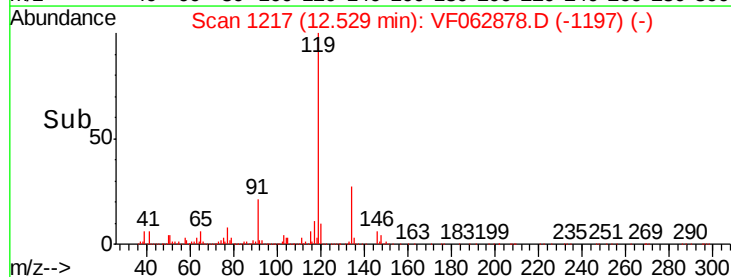
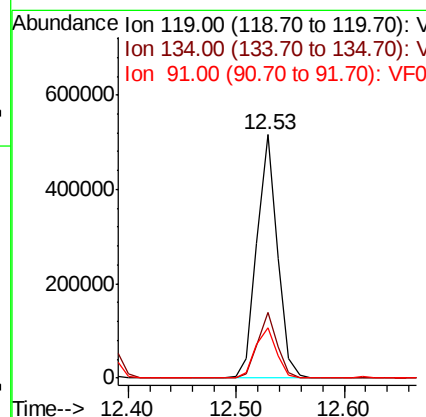
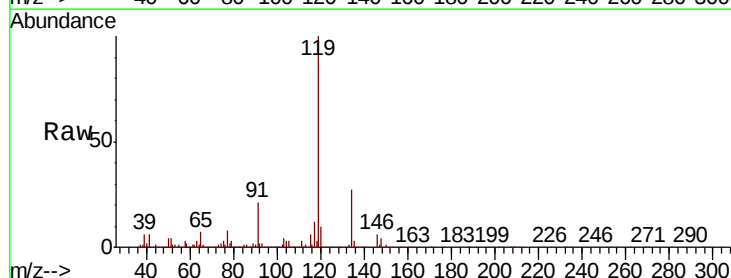
Instrument :
 MSVOA_F
 ClientSampleId :
 VF0606SBSD01

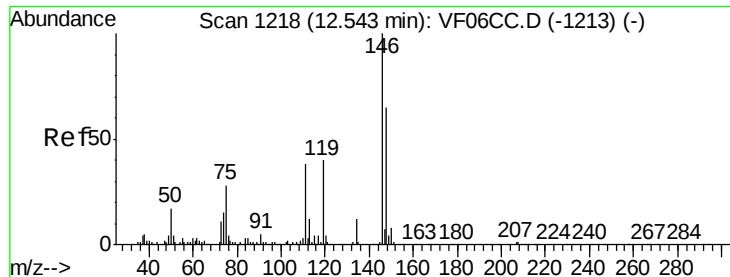
Tot Ion:105 Resp: 821860
 Ion Ratio Lower Upper
 105 100
 134 19.2 10.5 31.6



#86
 p-Isopropyltoluene
 Concen: 20.685 ug/l
 RT: 12.53 min Scan# 1217
 Delta R.T. -0.01 min
 Lab File: VF062878.D
 Acq: 6 Jun 2019 13:07

Tgt Ion:119 Resp: 680639
 Ion Ratio Lower Upper
 119 100
 134 27.0 15.5 46.5
 91 20.7 10.3 30.9

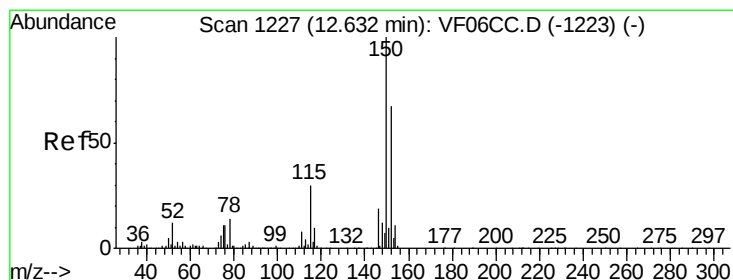
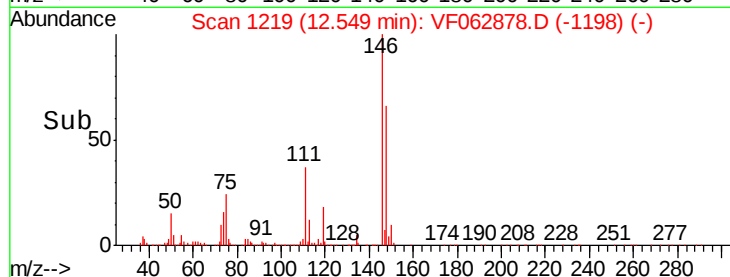
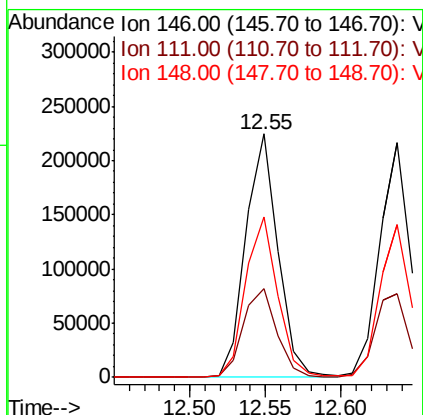
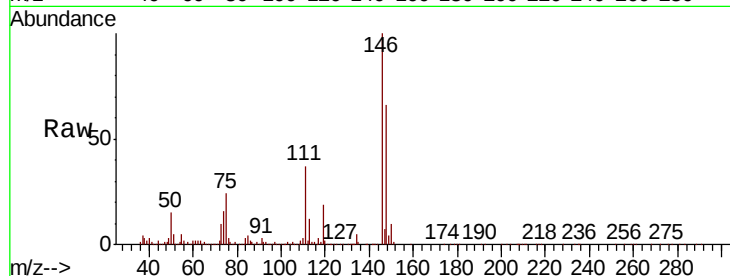




#87
 1,3-Dichlorobenzene
 Concen: 20.270 ug/l
 RT: 12.55 min Scan# 1219
 Delta R.T. 0.00 min
 Lab File: VF062878.D
 Acq: 6 Jun 2019 13:07

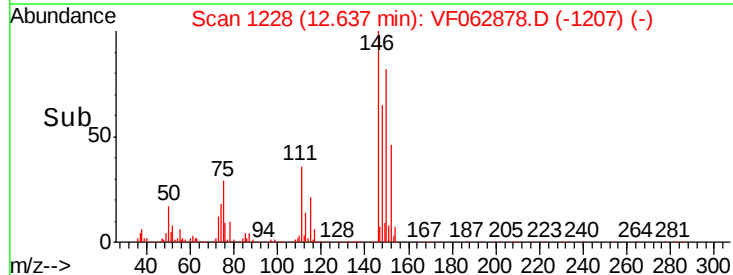
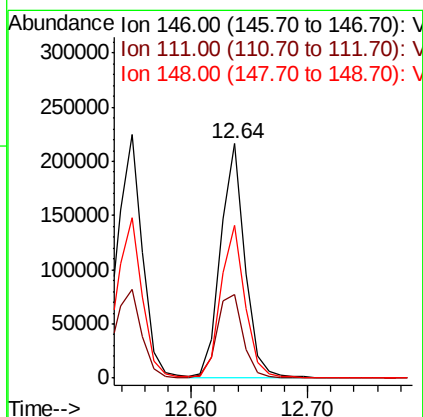
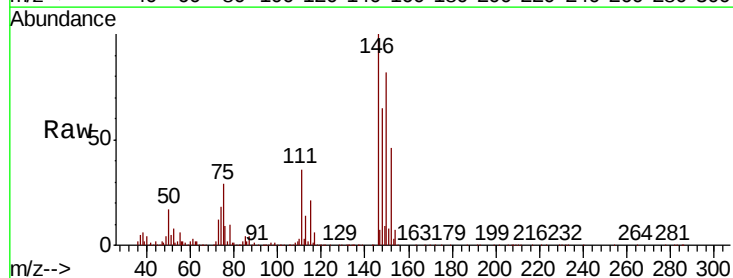
Instrument :
 MSVOA_F
 ClientSampleId :
 VF0606SBSD01

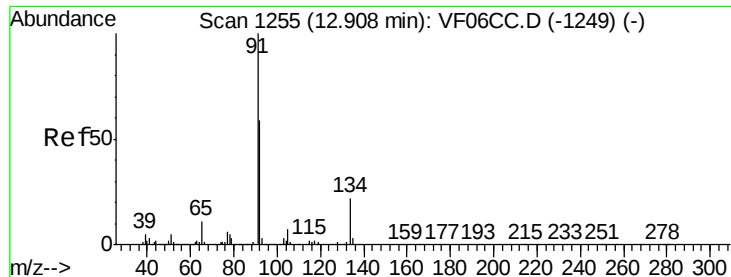
Tot Ion:146 Resp: 332551
 Ion Ratio Lower Upper
 146 100
 111 36.7 19.6 58.8
 148 65.8 34.2 102.5



#88
 1,4-Dichlorobenzene
 Concen: 20.504 ug/l
 RT: 12.64 min Scan# 1228
 Delta R.T. 0.00 min
 Lab File: VF062878.D
 Acq: 6 Jun 2019 13:07

Tgt Ion:146 Resp: 313928
 Ion Ratio Lower Upper
 146 100
 111 35.7 20.3 60.9
 148 65.1 34.0 101.8





#89

n-Butylbenzene

Concen: 21.430 ug/l

RT: 12.90 min Scan# 1255

Delta R.T. -0.01 min

Lab File: VF062878.D

Acq: 6 Jun 2019 13:07

Instrument :

MSVOA_F

ClientSampleId :

VF0606SBSD01

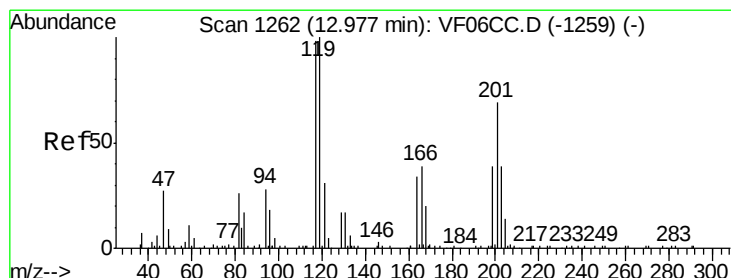
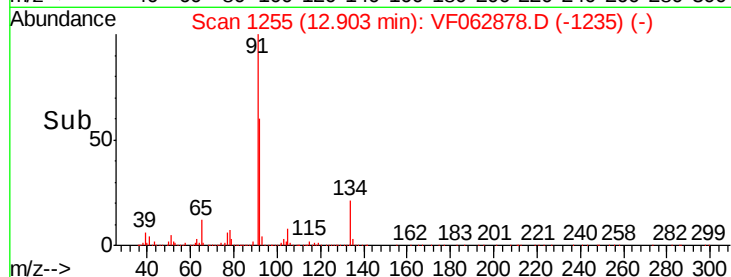
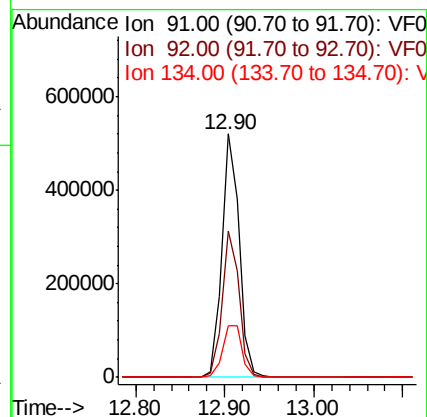
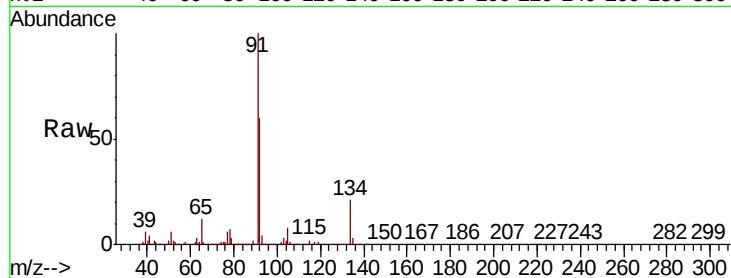
Tot Ion: 91 Resp: 709326

Ion Ratio Lower Upper

91 100

92 60.2 34.2 102.6

134 21.4 15.8 47.3



#90

Hexachloroethane

Concen: 20.072 ug/l

RT: 12.98 min Scan# 1263

Delta R.T. -0.01 min

Lab File: VF062878.D

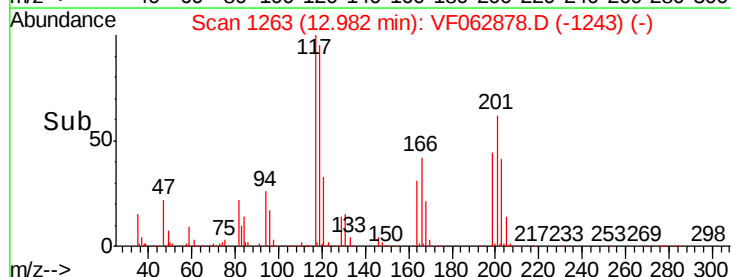
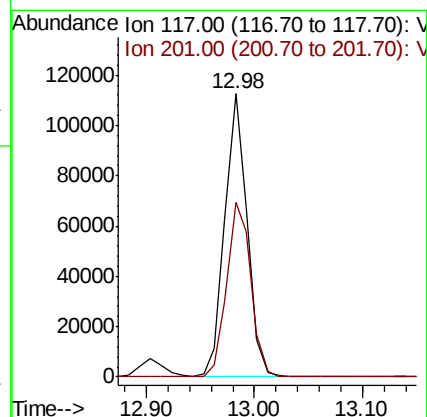
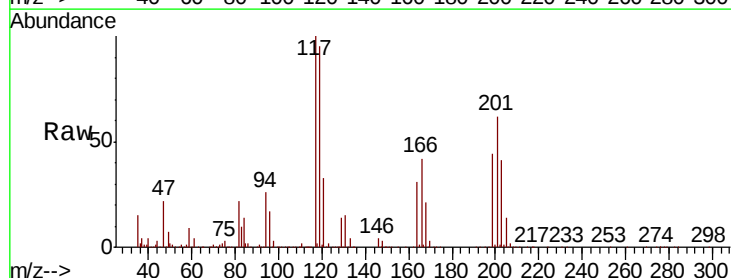
Acq: 6 Jun 2019 13:07

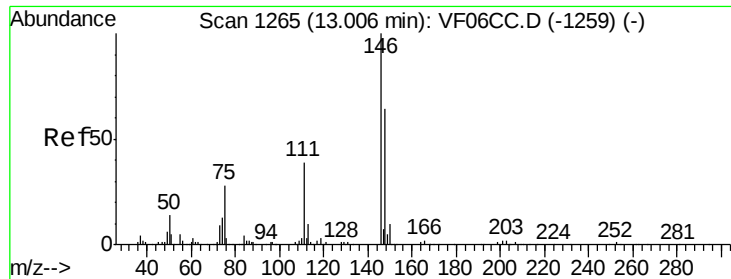
Tgt Ion: 117 Resp: 161083

Ion Ratio Lower Upper

117 100

201 61.7 38.9 116.7

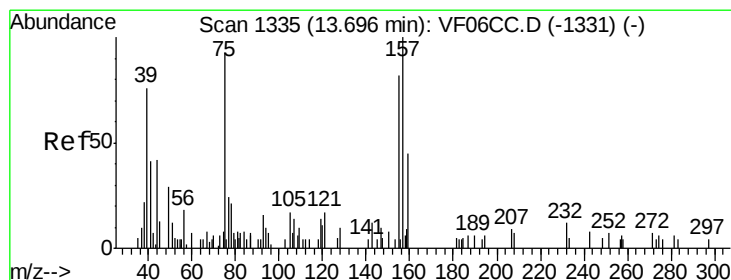
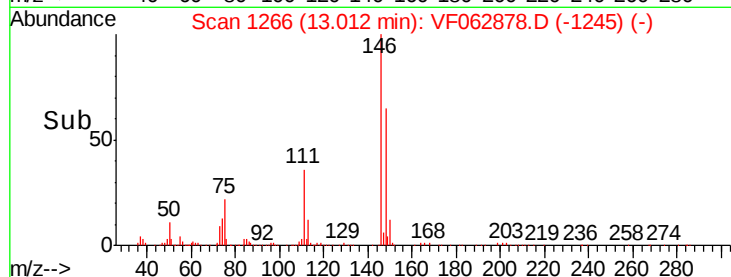
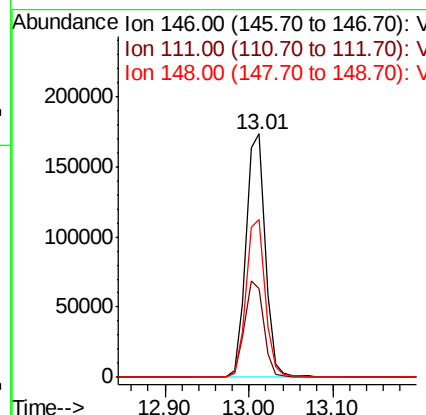
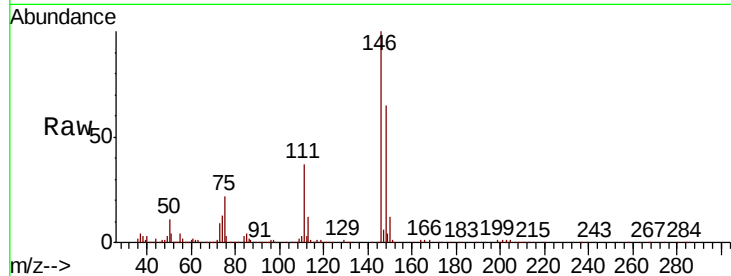




#91
 1,2-Dichlorobenzene
 Concen: 19.170 ug/l
 RT: 13.01 min Scan# 1266
 Delta R.T. 0.00 min
 Lab File: VF062878.D
 Acq: 6 Jun 2019 13:07

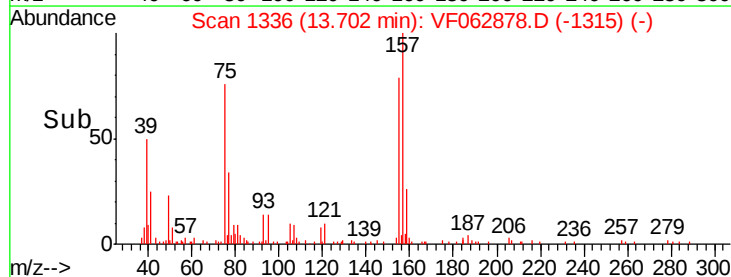
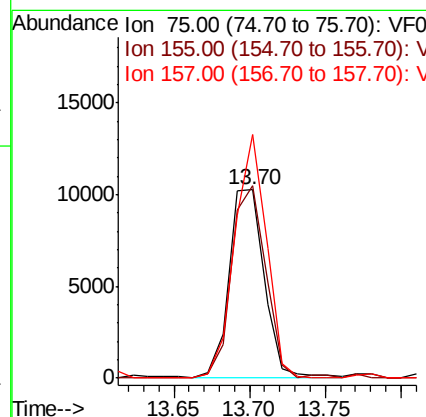
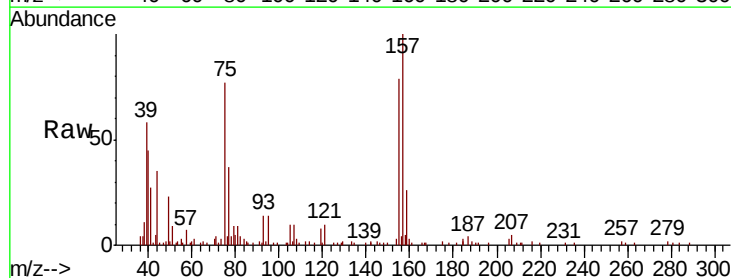
Instrument :
 MSVOA_F
 ClientSampleId :
 VF0606SBSD01

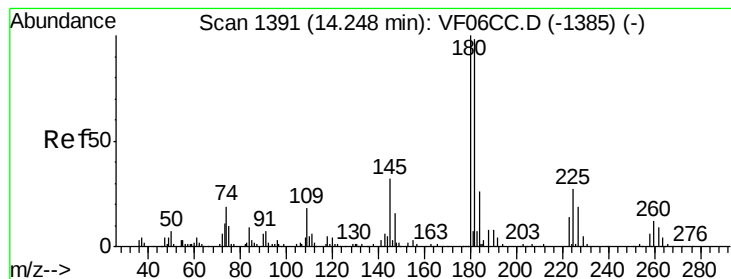
Tot Ion:146 Resp: 276431
 Ion Ratio Lower Upper
 146 100
 111 36.6 20.4 61.3
 148 65.1 34.1 102.3



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 19.469 ug/l
 RT: 13.70 min Scan# 1336
 Delta R.T. 0.00 min
 Lab File: VF062878.D
 Acq: 6 Jun 2019 13:07

Tgt Ion: 75 Resp: 16770
 Ion Ratio Lower Upper
 75 100
 155 102.0 51.7 155.1
 157 129.4 66.8 200.6





#93

1,2,4-Trichlorobenzene

Concen: 18.440 ug/l

RT: 14.24 min Scan# 1391

Delta R.T. -0.01 min

Lab File: VF062878.D

Acq: 6 Jun 2019 13:07

Instrument :

MSVOA_F

ClientSampleId :

VF0606SBSD01

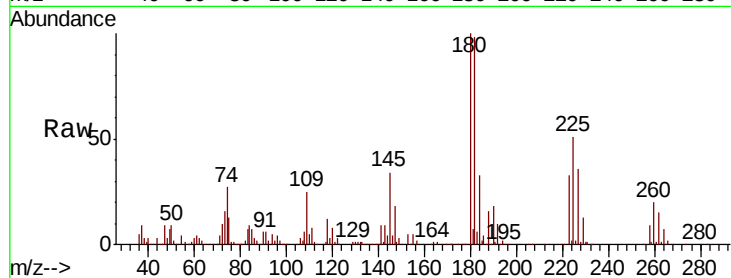
Tot Ion:180 Resp: 182569

Ion Ratio Lower Upper

180 100

182 97.9 50.3 150.9

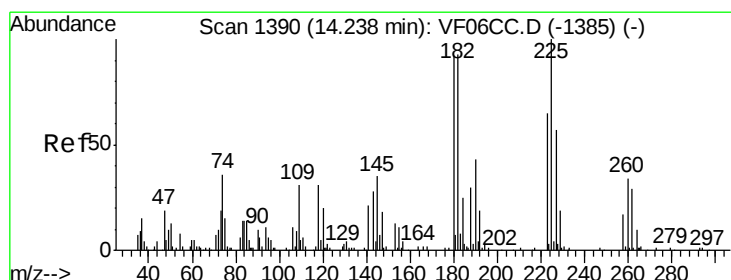
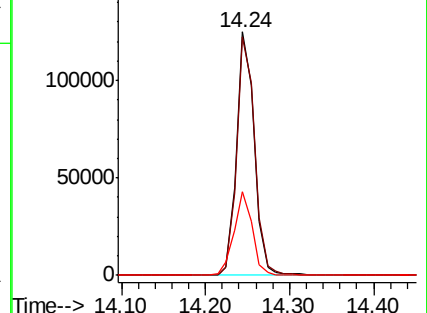
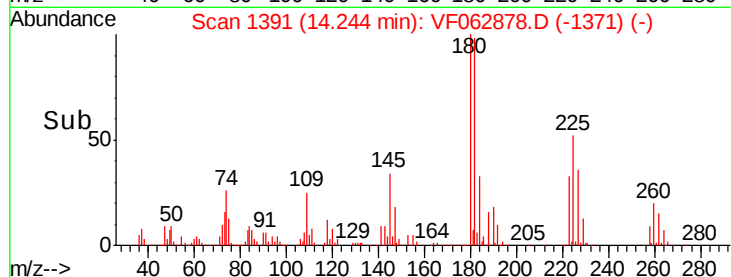
145 34.3 15.4 46.2



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: 19.218 ug/l

RT: 14.23 min Scan# 1390

Delta R.T. -0.01 min

Lab File: VF062878.D

Acq: 6 Jun 2019 13:07

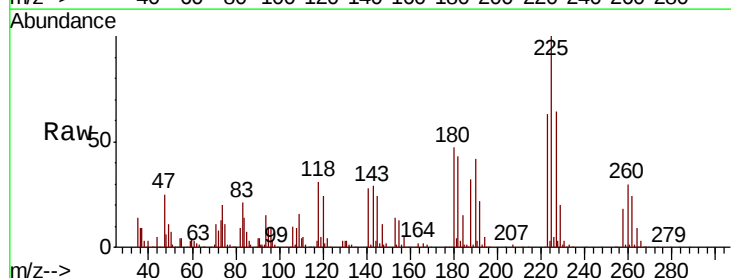
Tgt Ion:225 Resp: 131633

Ion Ratio Lower Upper

225 100

223 62.5 30.8 92.4

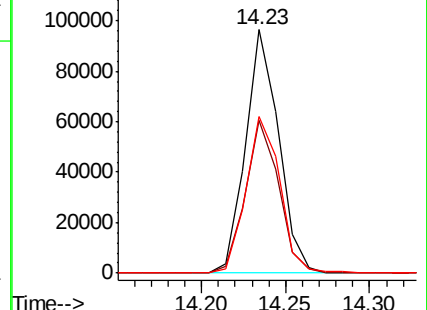
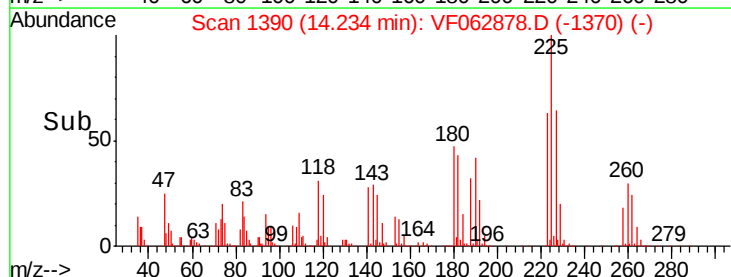
227 64.4 31.9 95.5

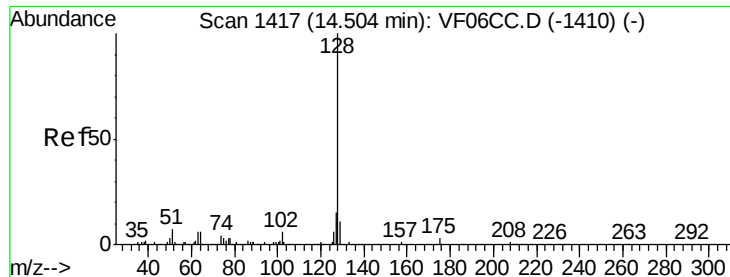


Abundance Ion 225.00 (224.70 to 225.70): V

Ion 223.00 (222.70 to 223.70): V

Ion 227.00 (226.70 to 227.70): V

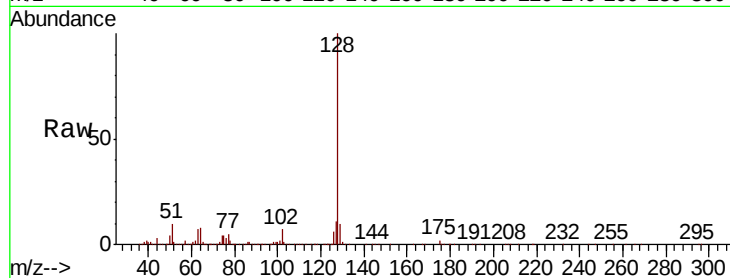




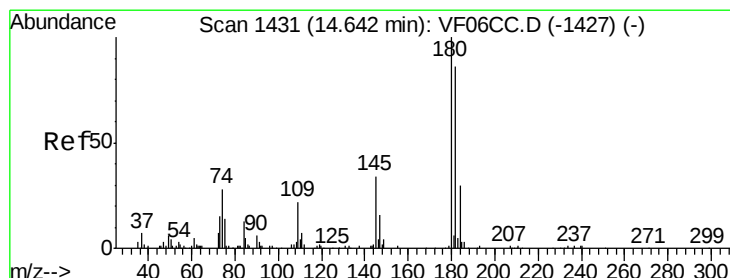
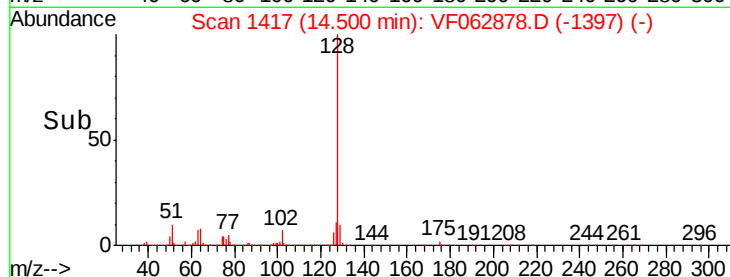
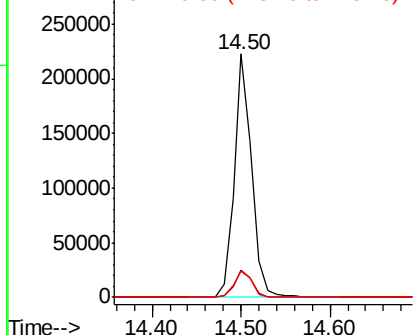
#95
Naphthalene
Concen: 18.798 ug/l
RT: 14.50 min Scan# 1417
Delta R.T. -0.01 min
Lab File: VF062878.D
Acq: 6 Jun 2019 13:07

Instrument :
MSVOA_F
ClientSampleId :
VF0606SBSD01

Tot Ion:128 Resp: 304915
Ion Ratio Lower Upper
128 100
127 11.2 9.7 14.5
129 10.5 9.4 14.2

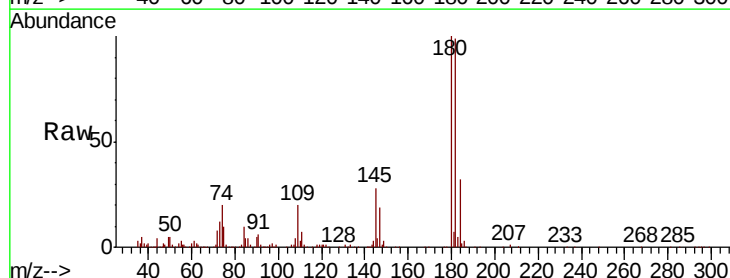


Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V



#96
1,2,3-Trichlorobenzene
Concen: 19.278 ug/l
RT: 14.65 min Scan# 1432
Delta R.T. 0.00 min
Lab File: VF062878.D
Acq: 6 Jun 2019 13:07

Tgt Ion:180 Resp: 174233
Ion Ratio Lower Upper
180 100
182 98.5 48.6 145.9
145 27.8 15.7 47.0



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

