

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF060719\
 Data File : VF062894.D
 Acq On : 7 Jun 2019 11:43
 Operator : FY/SY
 Sample : VSTDCCC050
 Misc : 5.00g/5mL/MSVOA F/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :

Quant Time: Jun 08 00:37:34 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	5.06	168	756214	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	5.78	114	1280405	50.00	ug/l	-0.02
63) Chlorobenzene-d5	9.92	117	1098704	50.00	ug/l	-0.01
72) 1,4-Dichlorobenzene-d4	12.61	152	524093	50.00	ug/l	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	5.04	65	272111	52.04	ug/l	-0.01
Spiked Amount			Recovery	=	104.08%	
35) Dibromofluoromethane	4.31	113	477996	49.40	ug/l	-0.02
Spiked Amount			Recovery	=	98.80%	
50) Toluene-d8	7.71	98	1223388	50.00	ug/l	-0.02
Spiked Amount			Recovery	=	100.00%	
62) 4-Bromofluorobenzene	11.50	95	459296	52.19	ug/l	-0.01
Spiked Amount			Recovery	=	104.38%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.01	85	413919	48.222	ug/l	90
3) Chloromethane	1.15	50	381575	48.766	ug/l	100
4) Vinyl Chloride	1.20	62	374532	48.168	ug/l	96
5) Bromomethane	1.41	94	235711	53.155	ug/l	100
6) Chloroethane	1.45	64	156018	53.666	ug/l	88
7) Trichlorofluoromethane	1.56	101	583682	53.025	ug/l	95
8) Diethyl Ether	1.72	74	127325	58.792	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	1.92	101	363544	52.531	ug/l	95
10) Methyl Iodide	2.00	142	727917	52.458	ug/l	97
11) Tert butyl alcohol	2.70	59	95177	300.448	ug/l	96
12) 1,1-Dichloroethene	1.88	96	334994	53.308	ug/l	97
13) Acrolein	2.11	56	46730	373.288	ug/l	94
14) Allyl chloride	2.20	41	353332	72.475	ug/l	95
15) Acrylonitrile	3.09	53	486089	408.361	ug/l	95
16) Acetone	2.35	43	364072	304.189	ug/l	96
17) Carbon Disulfide	1.92	76	945106	51.457	ug/l	99
18) Methyl Acetate	2.47	43	114476	54.734	ug/l	91
19) Methyl tert-butyl Ether	2.56	73	644276	56.589	ug/l	99
20) Methylene Chloride	2.35	84	213753	34.754	ug/l	97
21) trans-1,2-Dichloroethene	2.43	96	332368	52.750	ug/l	99
22) Diisopropyl ether	2.94	45	756881	54.645	ug/l	95
23) Vinyl Acetate	3.36	43	2663779	280.916	ug/l	99
24) 1,1-Dichloroethane	3.02	63	577698	55.861	ug/l	98
25) 2-Butanone	4.54	43	775186	278.121	ug/l	98
26) 2,2-Dichloropropane	3.79	77	358416	61.038	ug/l	90
27) cis-1,2-Dichloroethene	3.66	96	564877	53.334	ug/l	97
28) Bromochloromethane	3.91	49	277042	49.249	ug/l	89
29) Tetrahydrofuran	4.28	42	295291	277.000	ug/l	98
30) Chloroform	4.07	83	757282	51.957	ug/l	95
31) Cyclohexane	3.89	56	716485	51.173	ug/l	94
32) 1,1,1-Trichloroethane	4.30	97	500906	59.026	ug/l	96
36) 1,1-Dichloropropene	4.49	75	626207	53.126	ug/l	98
37) Ethyl Acetate	4.31	43	246078	54.613	ug/l	87
38) Carbon Tetrachloride	4.19	117	415571	52.166	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	5.64	83	740902	50.503	ug/l	97
40) Benzene	4.84	78	1714658	49.982	ug/l	99
41) Methacrylonitrile	4.94	41	143172	57.157	ug/l	92
42) 1,2-Dichloroethane	5.14	62	350569	53.730	ug/l	99
43) Isopropyl Acetate	7.12	43	314148	52.778	ug/l #	100
44) Trichloroethene	5.69	130	490117	50.623	ug/l	99
45) 1,2-Dichloropropane	6.42	63	447910	52.029	ug/l	96
46) Dibromomethane	6.27	93	269911	53.701	ug/l	97
47) Bromodichloromethane	6.56	83	542579	53.006	ug/l	94
48) Methyl methacrylate	6.89	41	161416	52.620	ug/l	96
49) 1,4-Dioxane	6.88	88	42603	1053.631	ug/l	94
51) 4-Methyl-2-Pentanone	8.41	43	1289152	303.360	ug/l	99
52) Toluene	7.79	92	1015002	54.933	ug/l	97
53) t-1,3-Dichloropropene	8.43	75	474014	55.884	ug/l	98
54) cis-1,3-Dichloropropene	7.47	75	635518	51.760	ug/l	96
55) 1,1,2-Trichloroethane	8.64	97	314558	56.985	ug/l	97
56) Ethyl methacrylate	8.76	69	354511	59.855	ug/l	95
57) 1,3-Dichloropropane	9.01	76	518714	57.543	ug/l	98
58) 2-Chloroethyl Vinyl ether	7.46	63	522279	252.312	ug/l	97
59) 2-Hexanone	9.63	43	915969	302.403	ug/l	97
60) Dibromochloromethane	8.87	129	403931	59.105	ug/l	99
61) 1,2-Dibromoethane	9.14	107	332874	58.064	ug/l	99
64) Tetrachloroethene	8.32	164	386436	45.771	ug/l	95
65) Chlorobenzene	9.94	112	1078396	50.825	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.07	131	421183	49.843	ug/l	98
67) Ethyl Benzene	10.04	91	1795040	49.300	ug/l	100
68) m/p-Xylenes	10.27	106	1341736	96.299	ug/l	98
69) o-Xylene	10.82	106	697142	49.419	ug/l	96
70) Styrene	10.90	104	1018889	49.003	ug/l	99
71) Bromoform	10.89	173	215920	53.265	ug/l #	97
73) Isopropylbenzene	11.22	105	1842941	50.396	ug/l	98
74) N-amyl acetate	11.45	43	560866	54.417	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.78	83	414632	53.094	ug/l	99
76) 1,2,3-Trichloropropane	11.87	75	264414	51.079	ug/l	93
77) Bromobenzene	11.59	156	451200	49.106	ug/l	94
78) n-propylbenzene	11.68	91	2183650	49.455	ug/l	99
79) 2-Chlorotoluene	11.79	91	1208188	47.821	ug/l	98
80) 1,3,5-Trimethylbenzene	11.90	105	1486354	49.701	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.94	75	150759	68.790	ug/l	98
82) 4-Chlorotoluene	11.97	91	1221570	49.199	ug/l	97
83) tert-Butylbenzene	12.20	119	1540871	51.999	ug/l	97
84) 1,2,4-Trimethylbenzene	12.27	105	1425802	50.285	ug/l	97
85) sec-Butylbenzene	12.38	105	2007495	51.412	ug/l	98
86) p-Isopropyltoluene	12.52	119	1644009	50.583	ug/l	99
87) 1,3-Dichlorobenzene	12.54	146	811301	50.066	ug/l	98
88) 1,4-Dichlorobenzene	12.63	146	742244	49.081	ug/l	97
89) n-Butylbenzene	12.90	91	1631742	49.910	ug/l	96
90) Hexachloroethane	12.98	117	421865	53.219	ug/l	98
91) 1,2-Dichlorobenzene	13.00	146	747152	52.457	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	13.69	75	51305	60.301	ug/l	87

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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

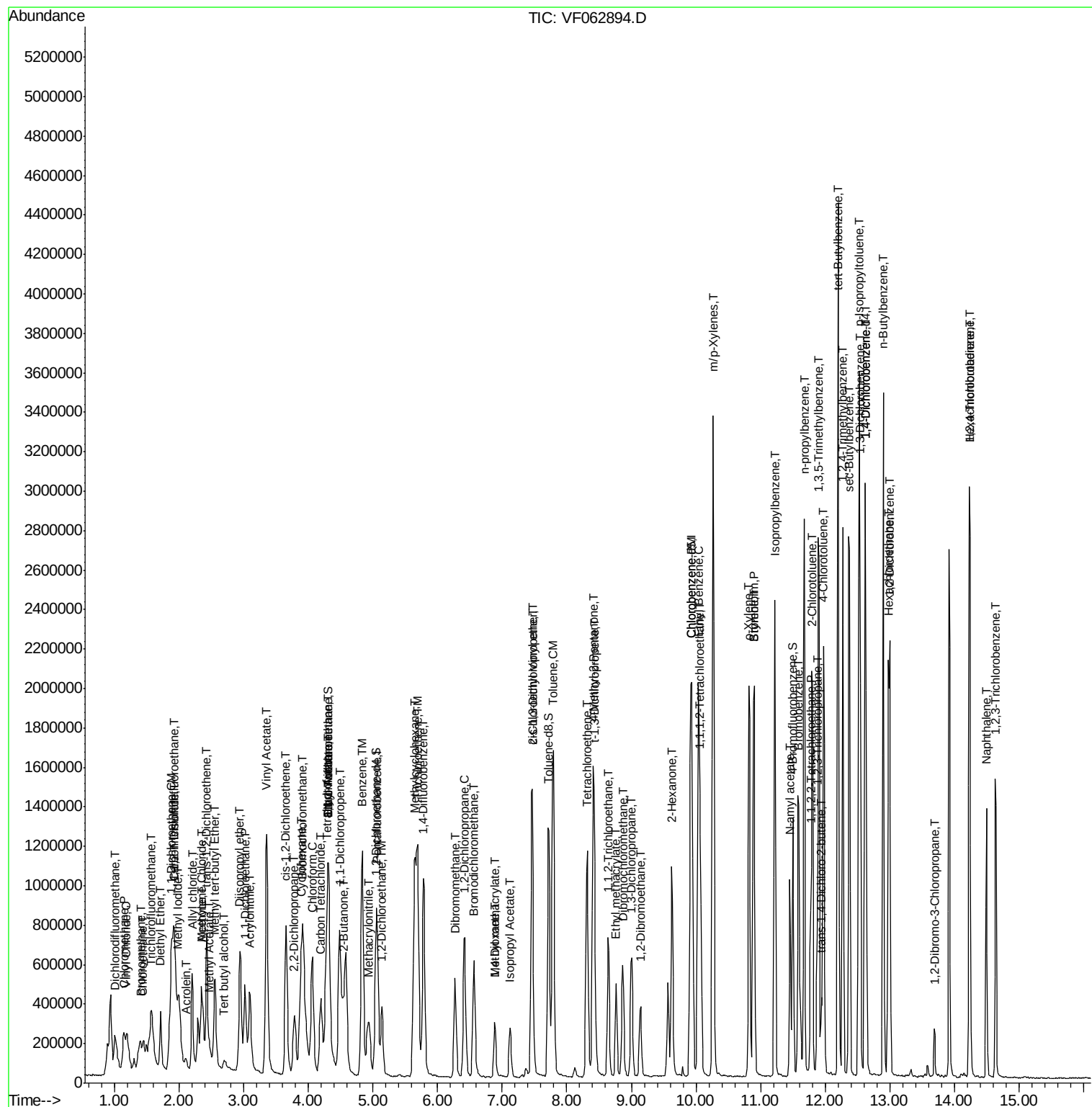
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.24	180	508391	51.986	ug/l	99
94) Hexachlorobutadiene	14.23	225	346310	51.188	ug/l	98
95) Naphthalene	14.50	128	927334	57.880	ug/l	99
96) 1,2,3-Trichlorobenzene	14.63	180	470915	52.752	ug/l	98

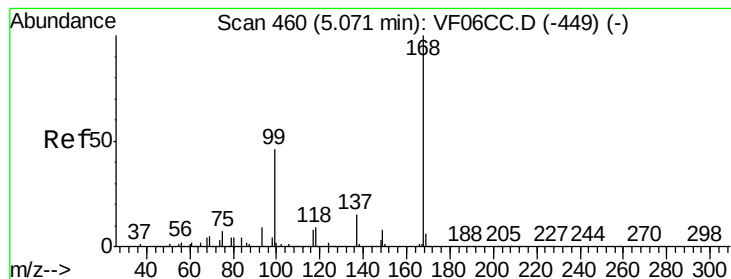
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: 5.06 min Scan# 459

Delta R.T. -0.01 min

Lab File: VF062894.D

Acq: 7 Jun 2019 11:43

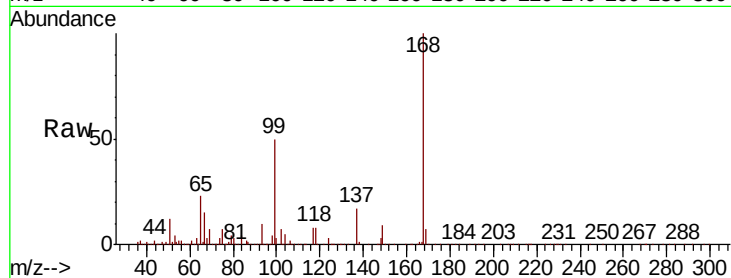
Instrument :
MSVOA_F
ClientSampleId :

Tot Ion:168 Resp: 756214

Ion Ratio Lower Upper

168 100

99 50.0 39.1 58.7



Abundance Ion 168.00 (167.70 to 168.70): VF0

Ion 99.00 (98.70 to 99.70): VF0

5.06

250000

200000

150000

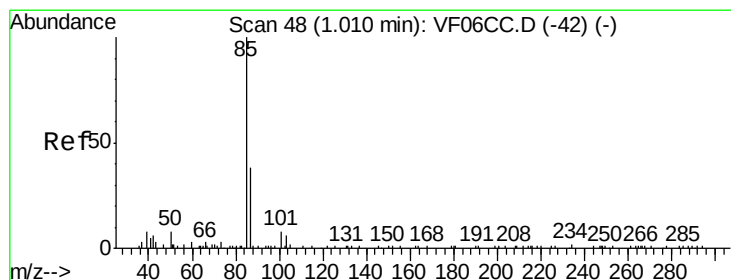
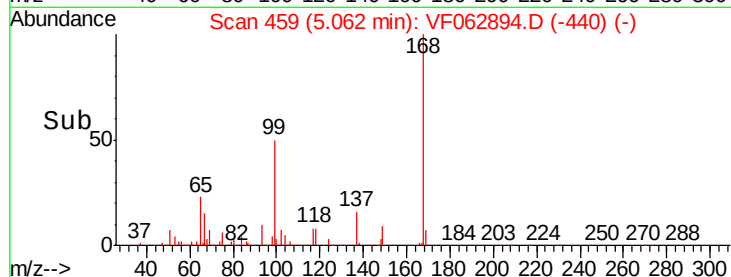
100000

50000

0

Time-->

4.90 5.00 5.10 5.20 5.30



#2

Dichlorodifluoromethane

Concen: 48.222 ug/l

RT: 1.01 min Scan# 48

Delta R.T. -0.00 min

Lab File: VF062894.D

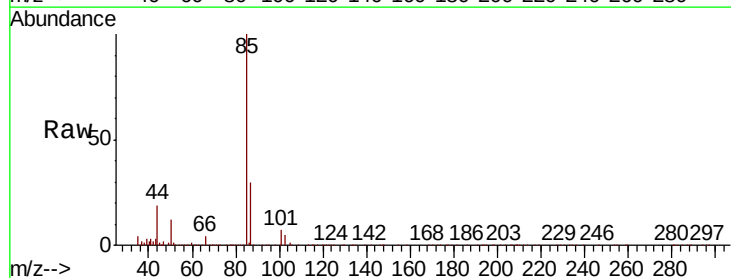
Acq: 7 Jun 2019 11:43

Tgt Ion: 85 Resp: 413919

Ion Ratio Lower Upper

85 100

87 29.6 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

120000

100000

80000

60000

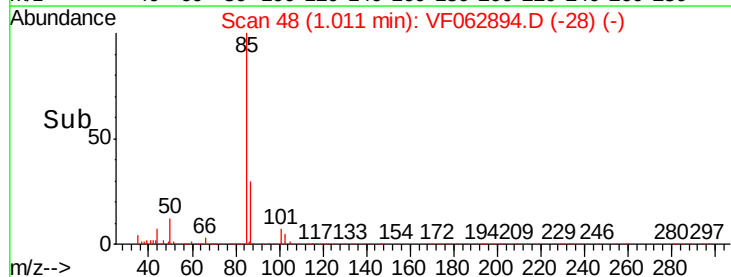
40000

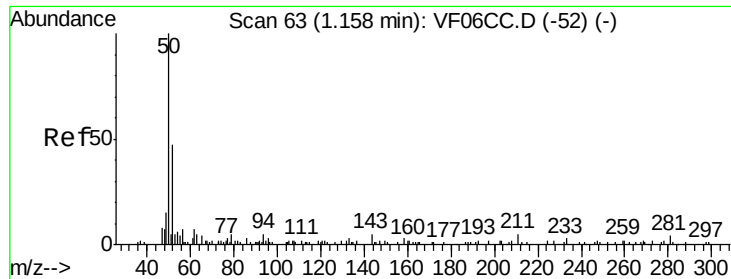
20000

0

Time-->

0.90 1.00 1.10 1.20





#3

Chloromethane

Concen: 48.766 ug/l

RT: 1.15 min Scan# 62

Delta R.T. -0.00 min

Lab File: VF062894.D

Acq: 7 Jun 2019 11:43

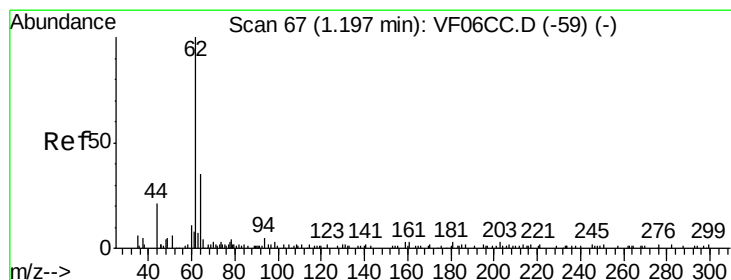
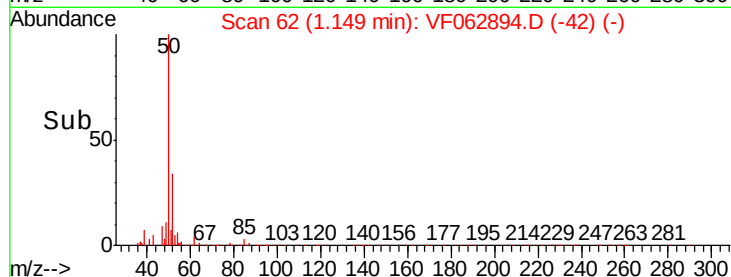
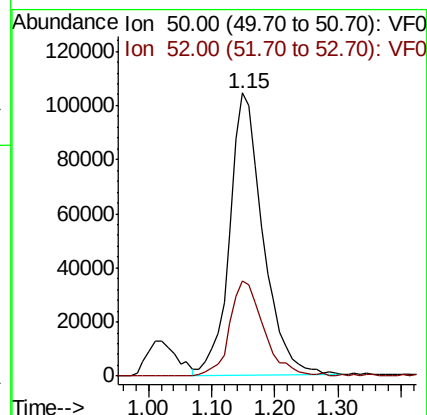
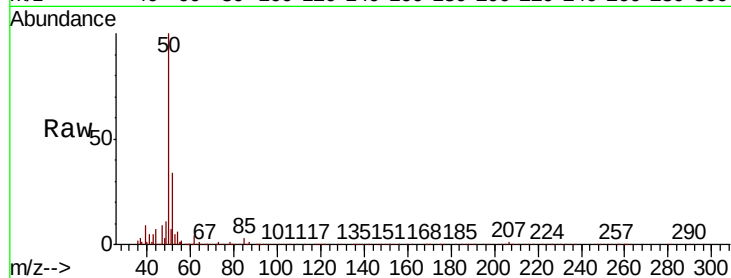
Instrument :
MSVOA_F
ClientSampleId :

Tot Ion: 50 Resp: 381575

Ion Ratio Lower Upper

50 100

52 33.8 27.0 40.4



#4

Vinyl Chloride

Concen: 48.168 ug/l

RT: 1.20 min Scan# 67

Delta R.T. -0.00 min

Lab File: VF062894.D

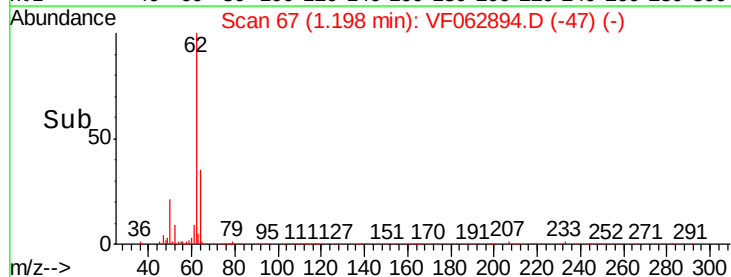
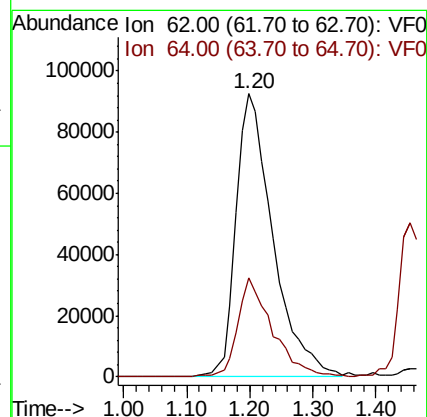
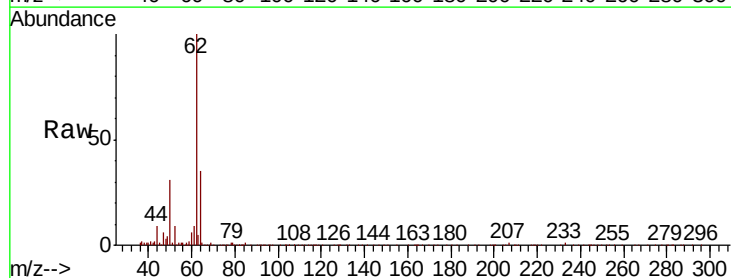
Acq: 7 Jun 2019 11:43

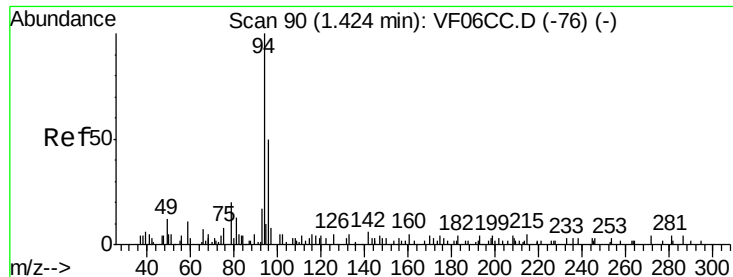
Tgt Ion: 62 Resp: 374532

Ion Ratio Lower Upper

62 100

64 35.0 26.2 39.2





#5

Bromomethane

Concen: 53.155 ug/l

RT: 1.41 min Scan# 88

Delta R.T. -0.00 min

Lab File: VF062894.D

Acq: 7 Jun 2019 11:43

Instrument :

MSVOA_F

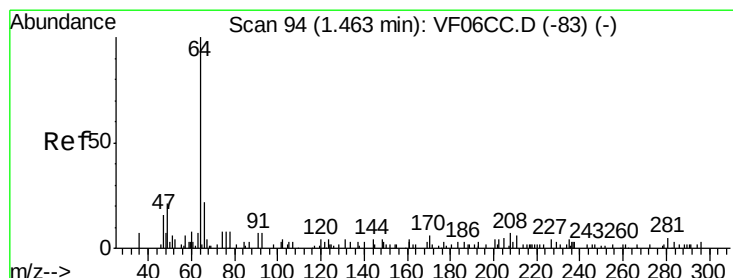
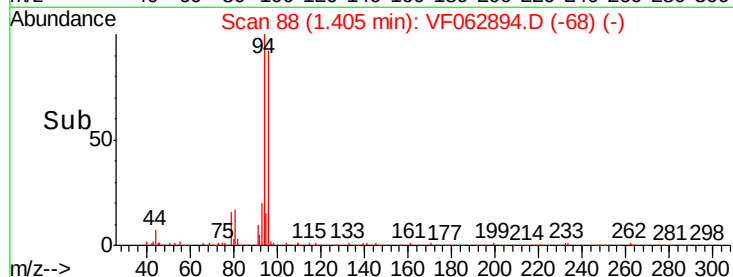
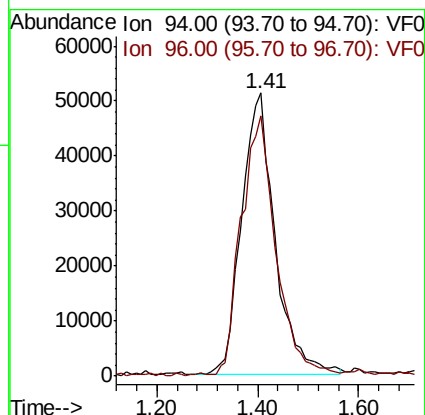
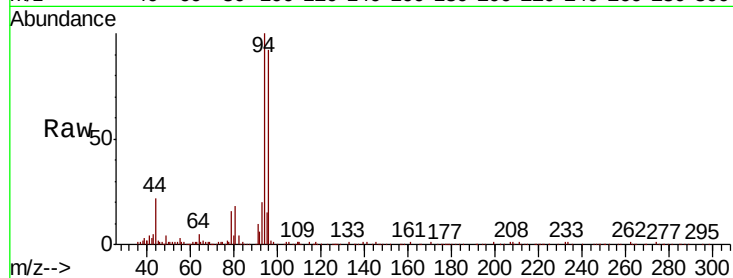
ClientSampleId :

Tot Ion: 94 Resp: 235711

Ion Ratio Lower Upper

94 100

96 92.0 73.8 110.6



#6

Chloroethane

Concen: 53.666 ug/l

RT: 1.45 min Scan# 93

Delta R.T. -0.01 min

Lab File: VF062894.D

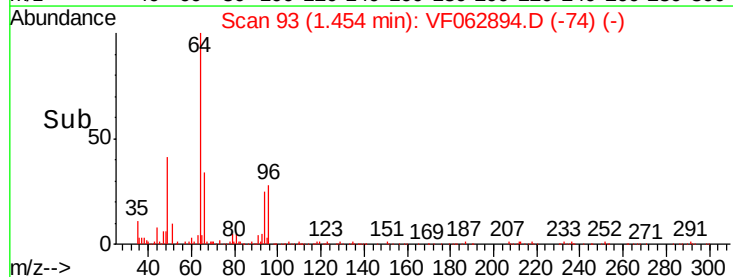
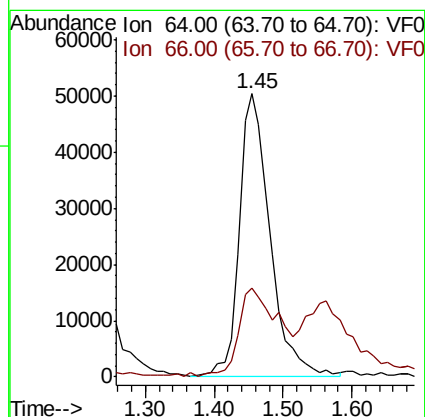
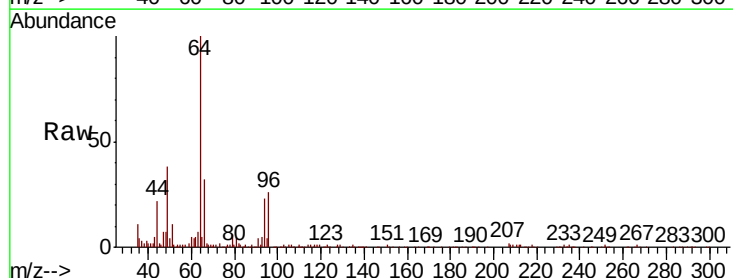
Acq: 7 Jun 2019 11:43

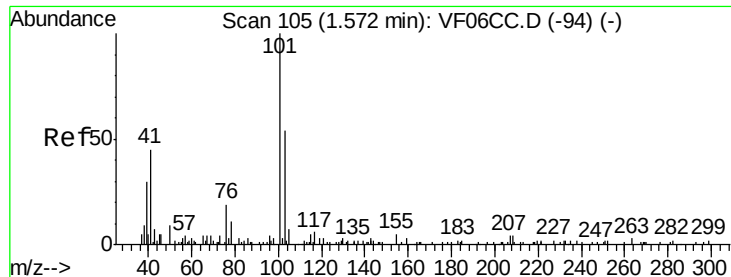
Tgt Ion: 64 Resp: 156018

Ion Ratio Lower Upper

64 100

66 31.6 31.0 46.4



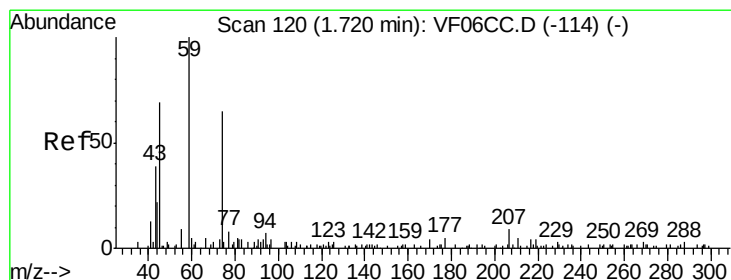
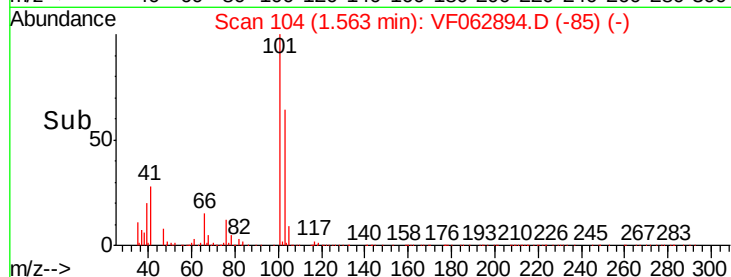
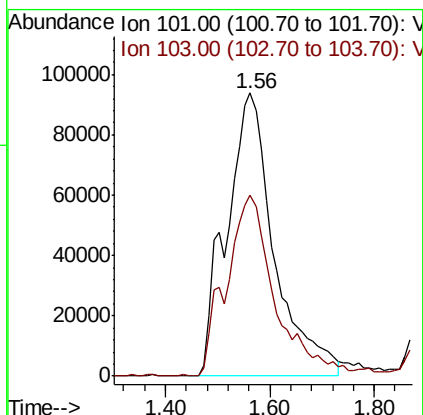
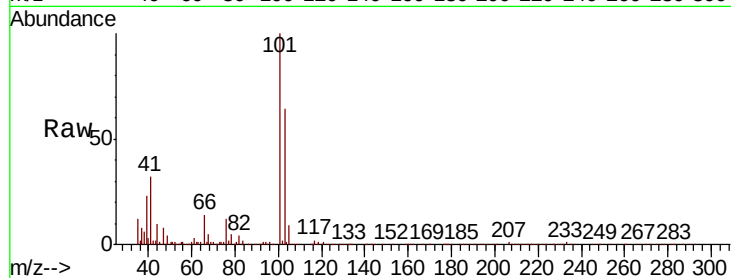


#7

Trichlorofluoromethane
Concen: 53.025 ug/l
RT: 1.56 min Scan# 104
Delta R.T. -0.01 min
Lab File: VF062894.D
Acq: 7 Jun 2019 11:43

Instrument :
MSVOA_F
ClientSampled :

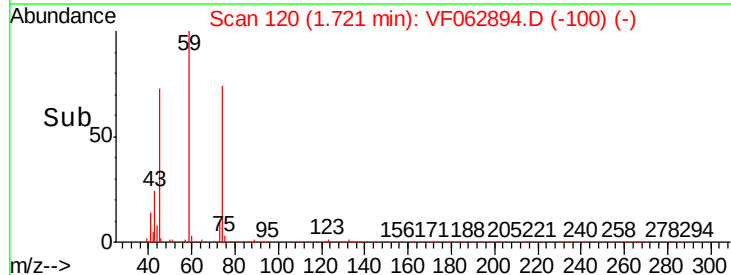
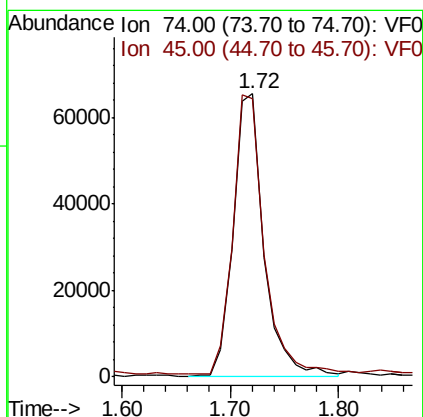
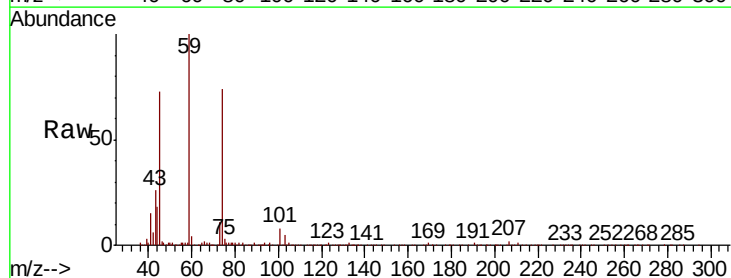
Tot Ion:101 Resp: 583682
Ion Ratio Lower Upper
101 100
103 63.9 54.6 82.0

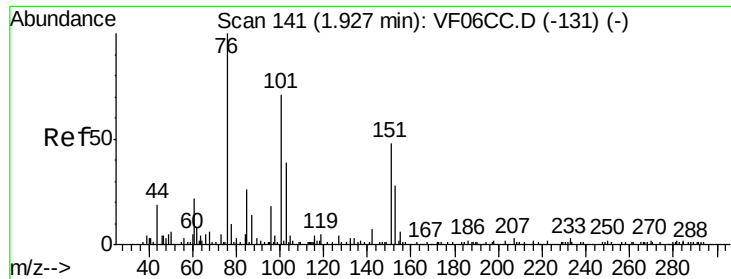


#8

Diethyl Ether
Concen: 58.792 ug/l
RT: 1.72 min Scan# 120
Delta R.T. -0.00 min
Lab File: VF062894.D
Acq: 7 Jun 2019 11:43

Tgt Ion: 74 Resp: 127325
Ion Ratio Lower Upper
74 100
45 98.4 47.5 142.5





#9

1,1,2-Trichlorotrifluoroethane

Concen: 52.531 ug/l

RT: 1.92 min Scan# 140

Delta R.T. -0.02 min

Lab File: VF062894.D

Acq: 7 Jun 2019 11:43

Instrument :

MSVOA_F

ClientSampled :

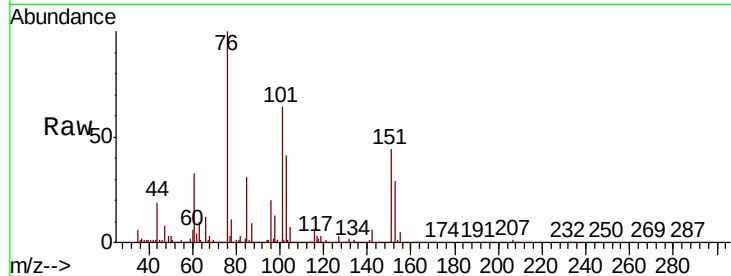
Tot Ion:101 Resp: 363544

Ion Ratio Lower Upper

101 100

85 48.4 37.1 55.7

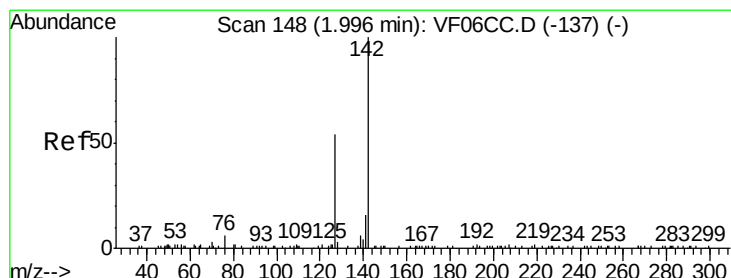
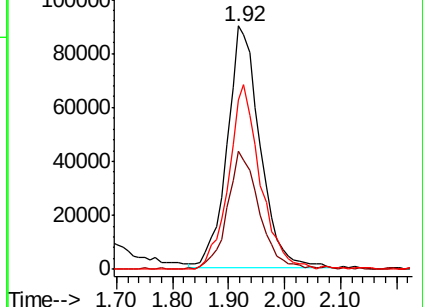
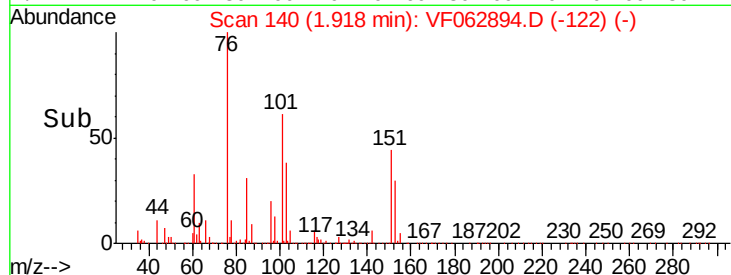
151 69.5 60.3 90.5



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VF0

Ion 151.00 (150.70 to 151.70): V



#10

Methyl Iodide

Concen: 52.458 ug/l

RT: 2.00 min Scan# 148

Delta R.T. -0.02 min

Lab File: VF062894.D

Acq: 7 Jun 2019 11:43

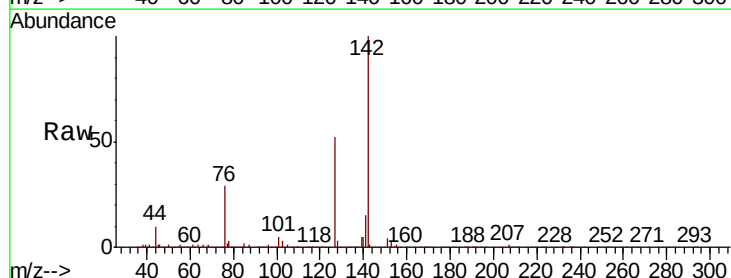
Tgt Ion:142 Resp: 727917

Ion Ratio Lower Upper

142 100

127 51.6 39.4 59.2

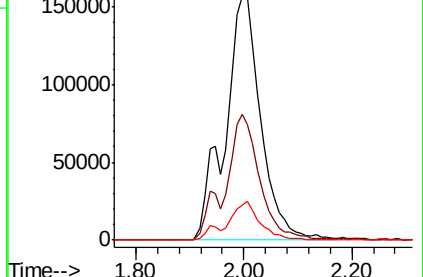
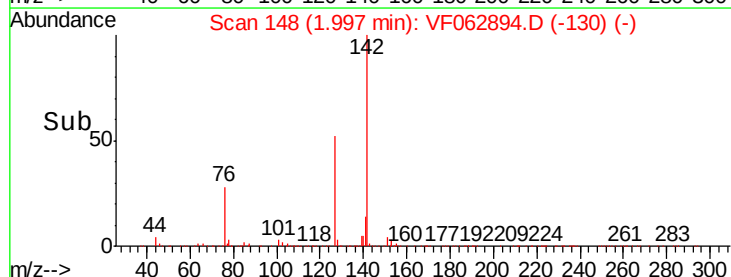
141 14.6 10.6 15.8

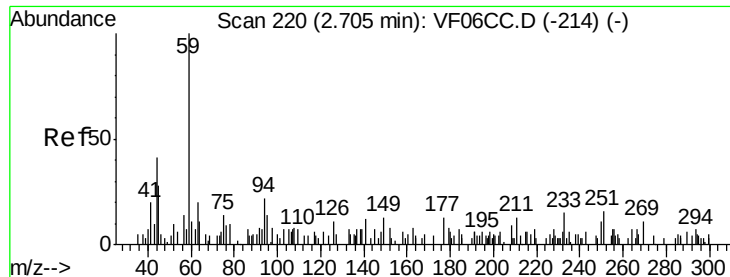


Abundance Ion 142.00 (141.70 to 142.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 141.00 (140.70 to 141.70): V



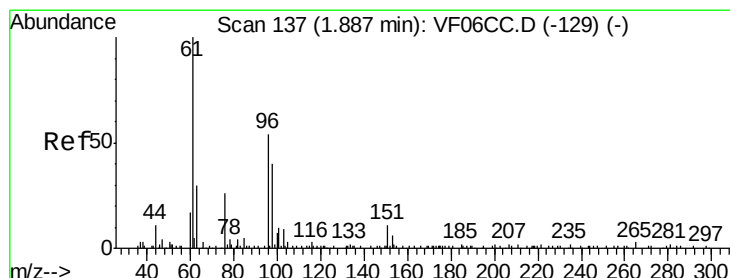
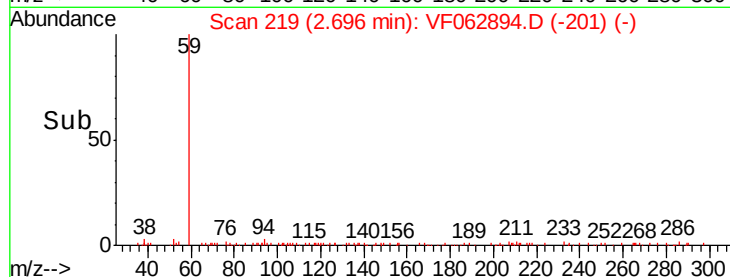
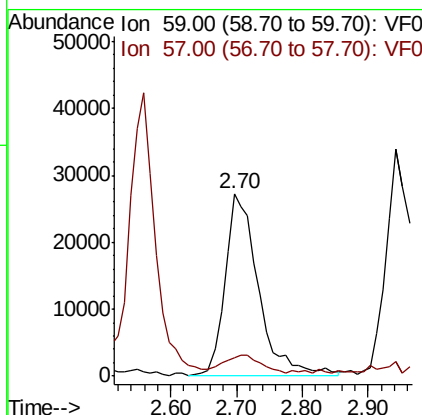
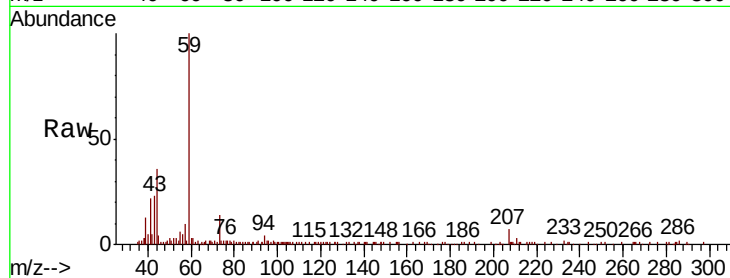


#11

Tert butyl alcohol
Concen: 300.448 ug/l
RT: 2.70 min Scan# 219
Delta R.T. -0.02 min
Lab File: VF062894.D
Acq: 7 Jun 2019 11:43

Instrument :
MSVOA_F
ClientSampled :

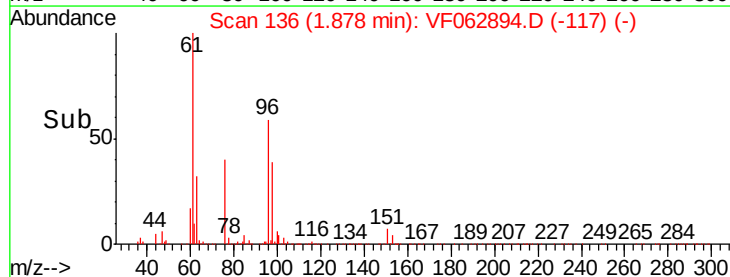
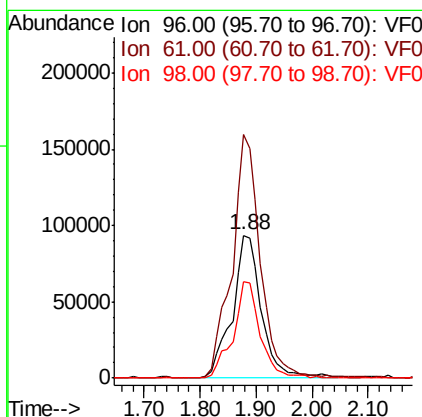
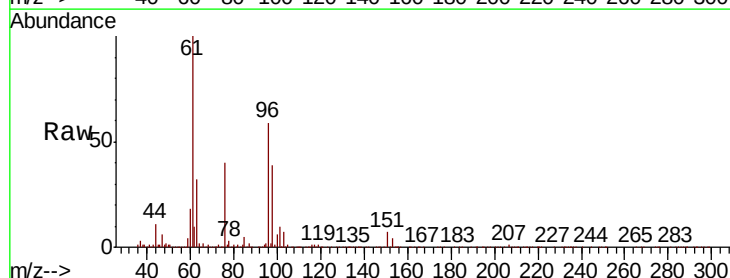
Tot Ion: 59 Resp: 95177
Ion Ratio Lower Upper
59 100
57 10.0 9.2 13.8

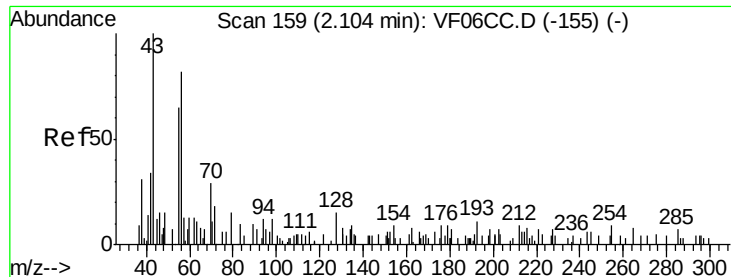


#12

1,1-Dichloroethene
Concen: 53.308 ug/l
RT: 1.88 min Scan# 136
Delta R.T. -0.01 min
Lab File: VF062894.D
Acq: 7 Jun 2019 11:43

Tgt Ion: 96 Resp: 334994
Ion Ratio Lower Upper
96 100
61 170.7 139.4 209.2
98 67.3 50.3 75.5

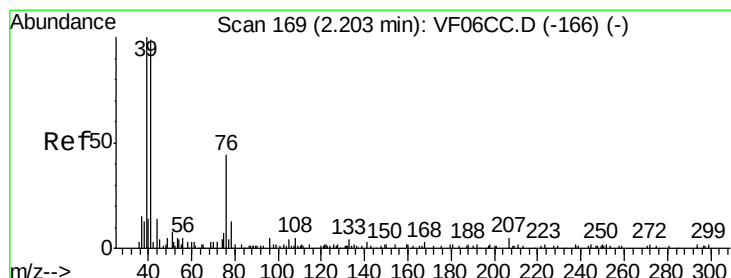
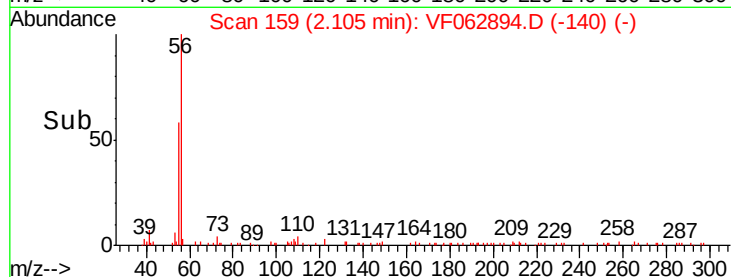
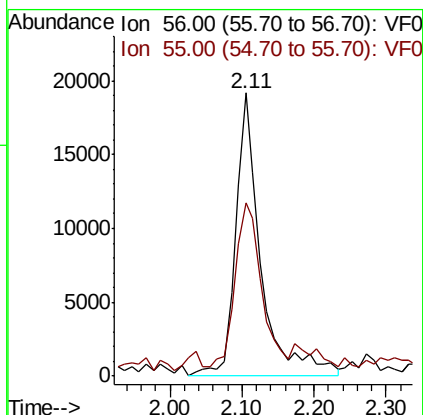
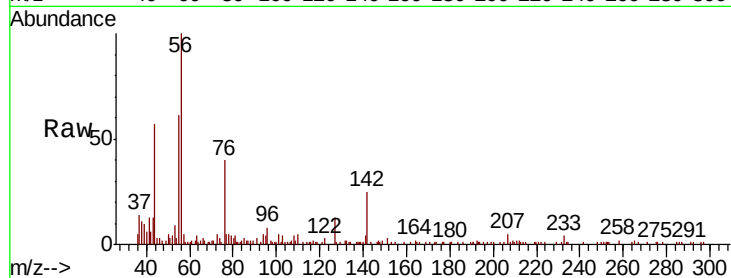




#13
Acrolein
Concen: 373.288 ug/l
RT: 2.11 min Scan# 159
Delta R.T. -0.01 min
Lab File: VF062894.D
Acq: 7 Jun 2019 11:43

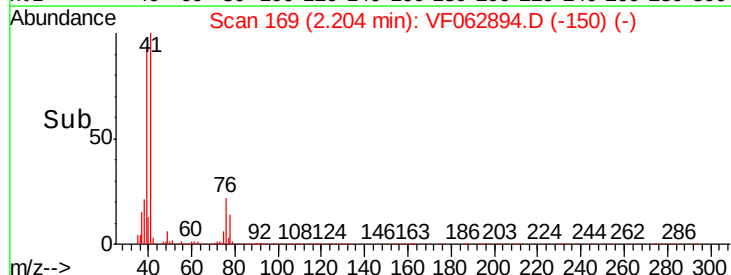
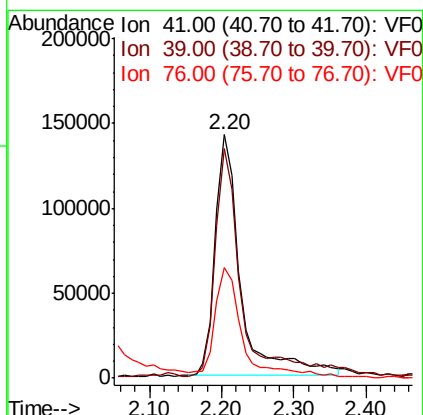
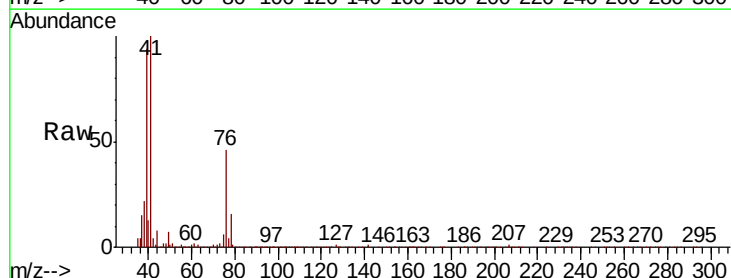
Instrument :
MSVOA_F
ClientSampleId :

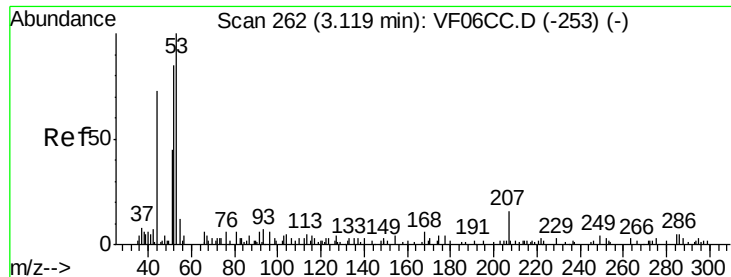
Tot Ion: 56 Resp: 46730
Ion Ratio Lower Upper
56 100
55 61.3 52.9 79.3



#14
Allyl chloride
Concen: 72.475 ug/l
RT: 2.20 min Scan# 169
Delta R.T. -0.01 min
Lab File: VF062894.D
Acq: 7 Jun 2019 11:43

Tgt Ion: 41 Resp: 353332
Ion Ratio Lower Upper
41 100
39 94.2 71.9 107.9
76 45.5 39.6 59.4





#15

Acrylonitrile

Concen: 408.361 ug/l

RT: 3.09 min Scan# 259

Delta R.T. -0.02 min

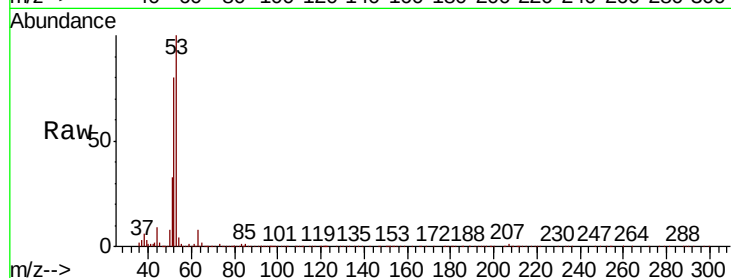
Lab File: VF062894.D

Acq: 7 Jun 2019 11:43

Instrument :
MSVOA_F
ClientSampleId :

Tot Ion: 53 Resp: 486089

Ion	Ratio	Lower	Upper
53	100		
52	79.8	68.1	102.1
51	33.3	27.7	41.5

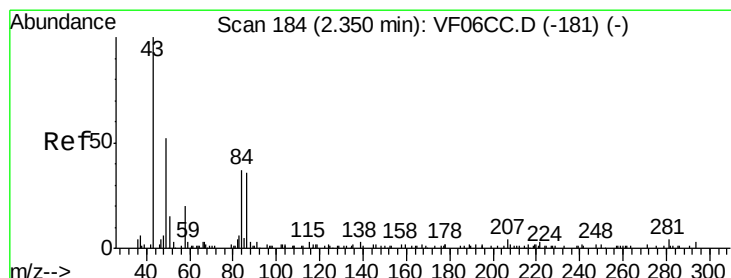
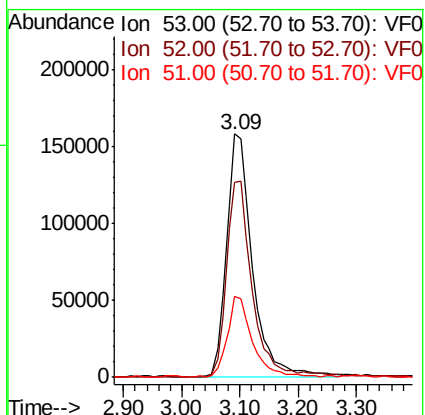
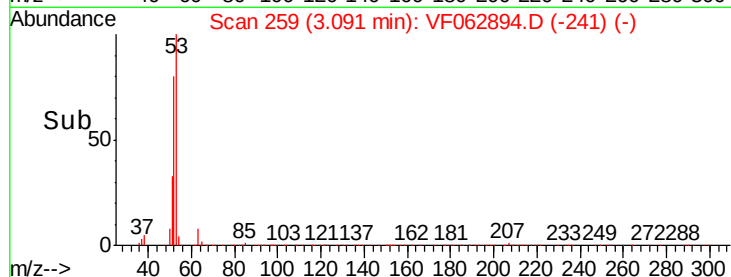


Abundance

Ion 53.00 (52.70 to 53.70): VF0

Ion 52.00 (51.70 to 52.70): VF0

Ion 51.00 (50.70 to 51.70): VF0



#16

Acetone

Concen: 304.189 ug/l

RT: 2.35 min Scan# 184

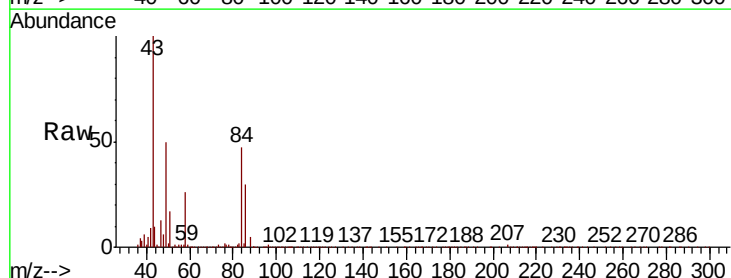
Delta R.T. -0.01 min

Lab File: VF062894.D

Acq: 7 Jun 2019 11:43

Tgt Ion: 43 Resp: 364072

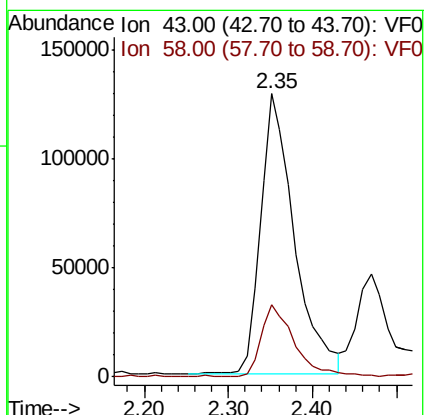
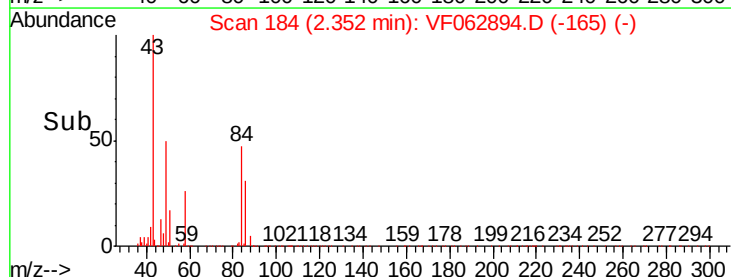
Ion	Ratio	Lower	Upper
43	100		
58	25.7	19.0	28.4

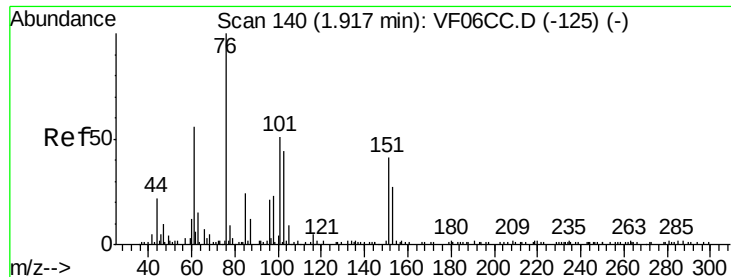


Abundance

Ion 43.00 (42.70 to 43.70): VF0

Ion 58.00 (57.70 to 58.70): VF0





#17

Carbon Disulfide

Concen: 51.457 ug/l

RT: 1.92 min Scan# 140

Delta R.T. -0.01 min

Lab File: VF062894.D

Acq: 7 Jun 2019 11:43

Instrument :

MSVOA_F

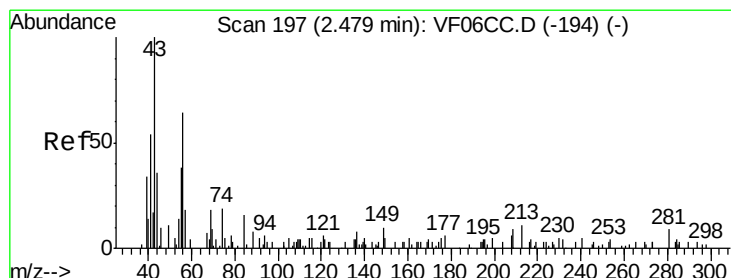
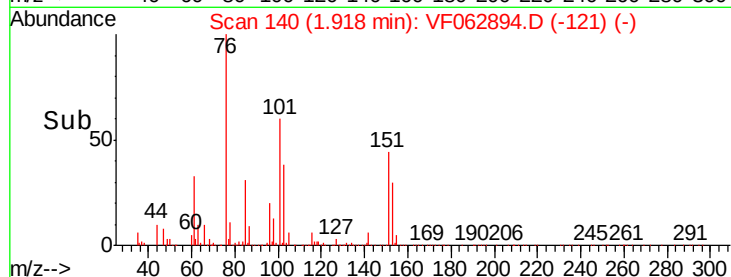
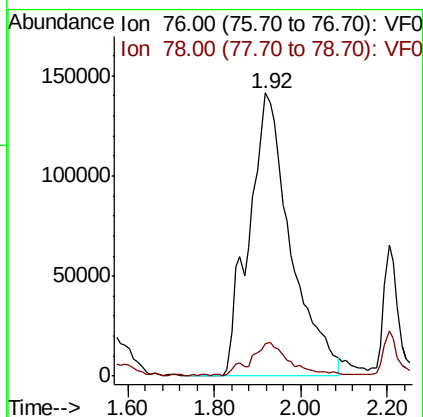
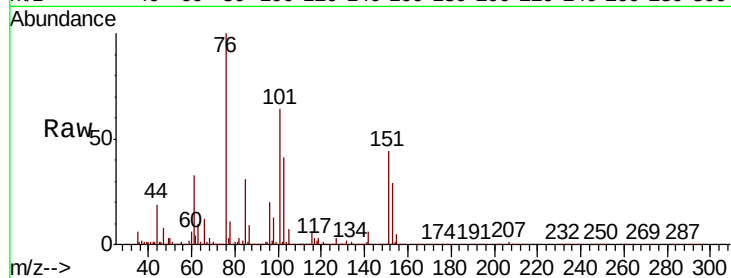
ClientSampleId :

Tot Ion: 76 Resp: 945106

Ion Ratio Lower Upper

76 100

78 11.5 9.4 14.2



#18

Methyl Acetate

Concen: 54.734 ug/l

RT: 2.47 min Scan# 196

Delta R.T. -0.01 min

Lab File: VF062894.D

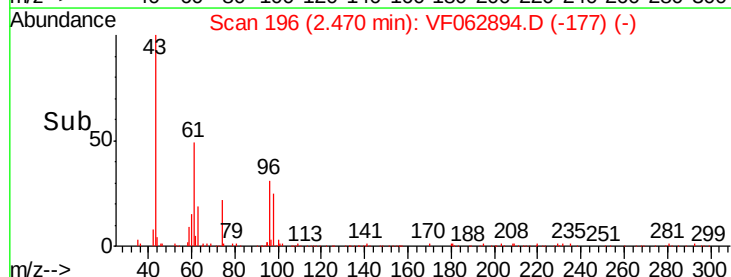
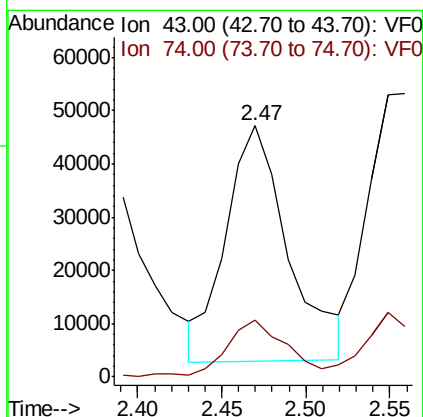
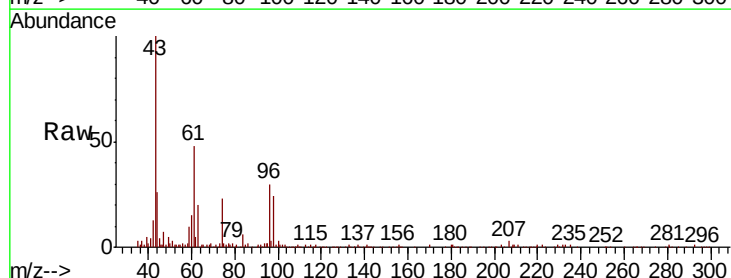
Acq: 7 Jun 2019 11:43

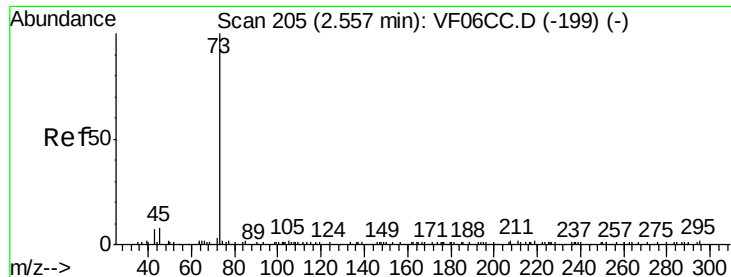
Tgt Ion: 43 Resp: 114476

Ion Ratio Lower Upper

43 100

74 22.8 22.1 33.1

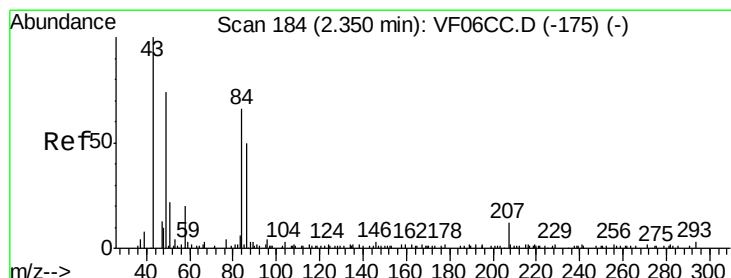
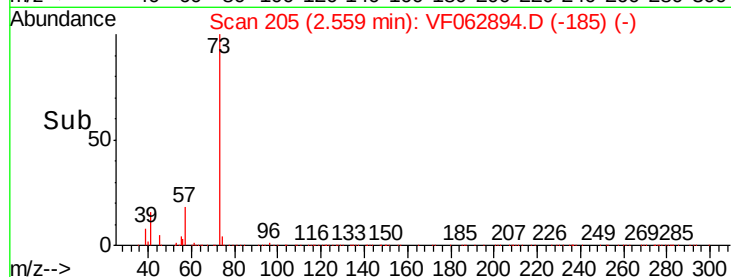
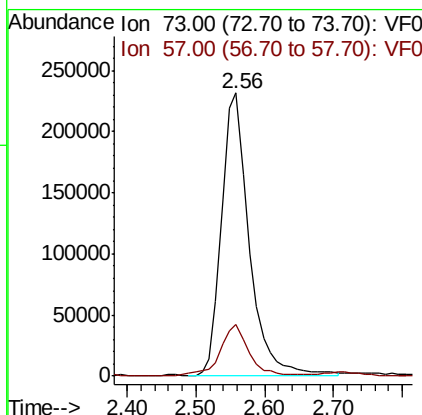
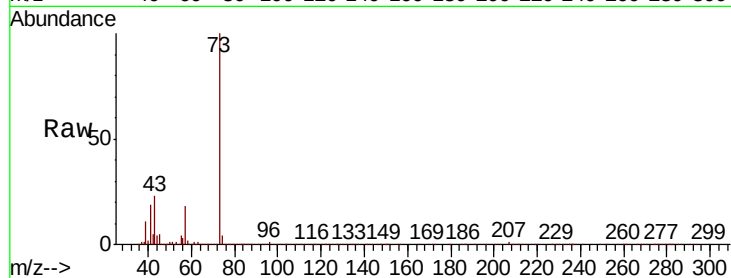




#19
Methyl tert-butyl Ether
Concen: 56.589 ug/l
RT: 2.56 min Scan# 205
Delta R.T. -0.00 min
Lab File: VF062894.D
Acq: 7 Jun 2019 11:43

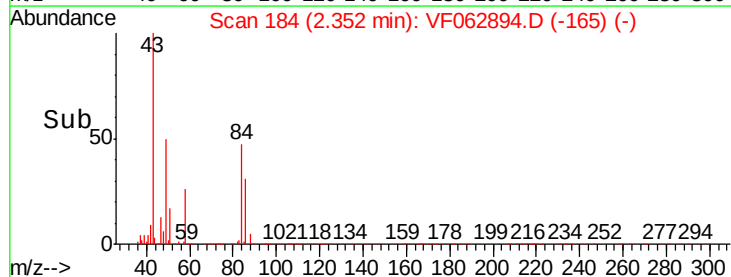
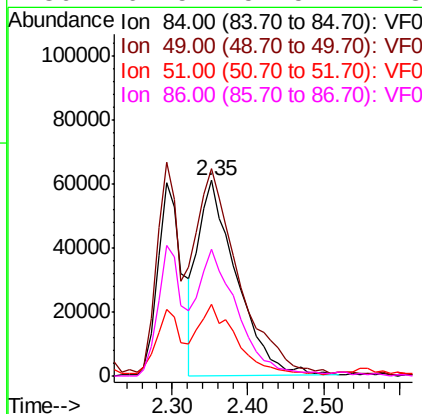
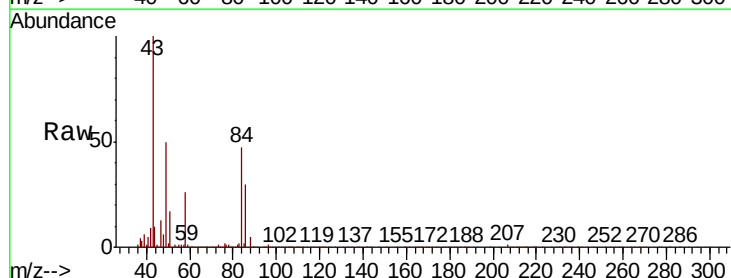
Instrument :
MSVOA_F
ClientSampleId :

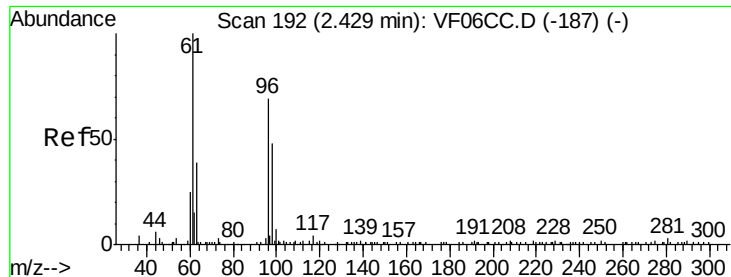
Tot Ion: 73 Resp: 644276
Ion Ratio Lower Upper
73 100
57 18.3 15.1 22.7



#20
Methylene Chloride
Concen: 34.754 ug/l
RT: 2.35 min Scan# 184
Delta R.T. -0.01 min
Lab File: VF062894.D
Acq: 7 Jun 2019 11:43

Tgt Ion: 84 Resp: 213753
Ion Ratio Lower Upper
84 100
49 106.0 82.6 123.8
51 36.6 25.0 37.4
86 64.5 51.5 77.3





#21

trans-1,2-Dichloroethene

Concen: 52.750 ug/l

RT: 2.43 min Scan# 192

Delta R.T. -0.01 min

Lab File: VF062894.D

Acq: 7 Jun 2019 11:43

Instrument :
MSVOA_F
ClientSampleId :

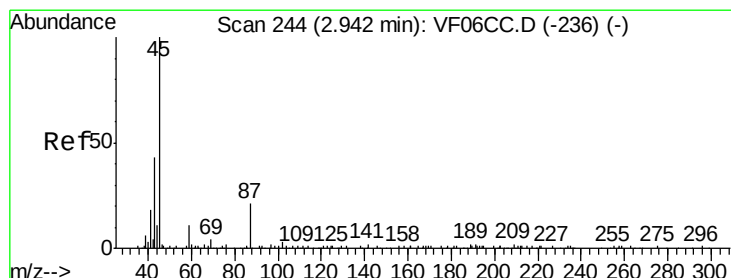
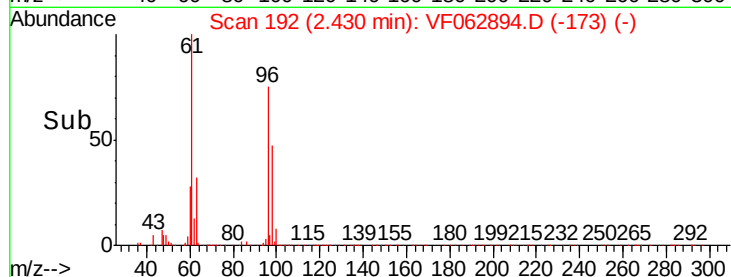
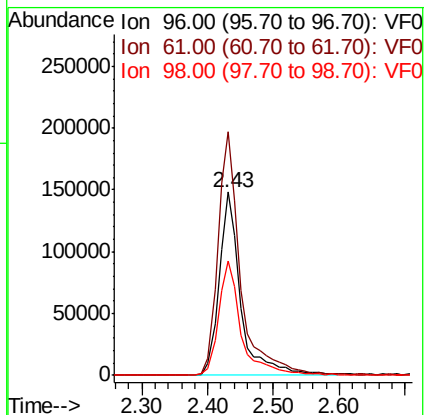
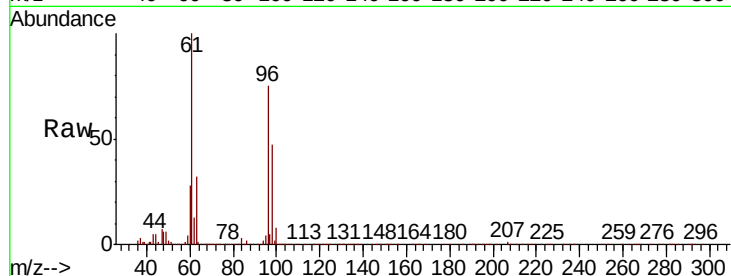
Tot Ion: 96 Resp: 332368

Ion Ratio Lower Upper

96 100

61 132.9 105.0 157.6

98 62.6 51.1 76.7



#22

Diisopropyl ether

Concen: 54.645 ug/l

RT: 2.94 min Scan# 244

Delta R.T. -0.01 min

Lab File: VF062894.D

Acq: 7 Jun 2019 11:43

Tgt Ion: 45 Resp: 756881

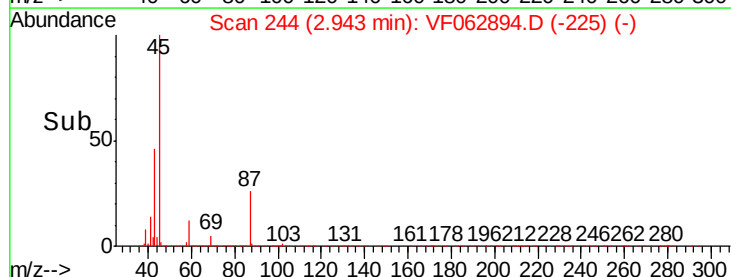
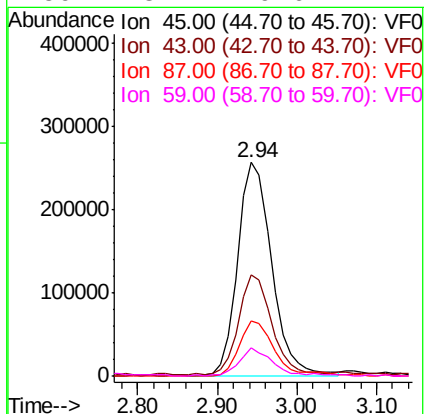
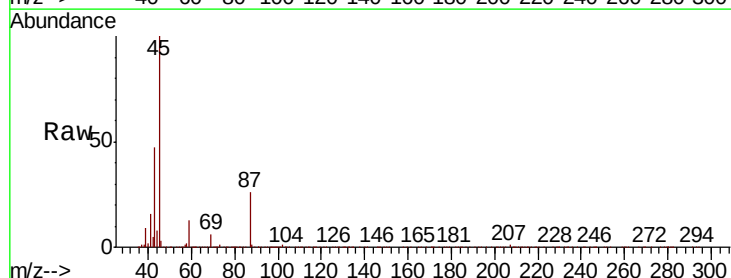
Ion Ratio Lower Upper

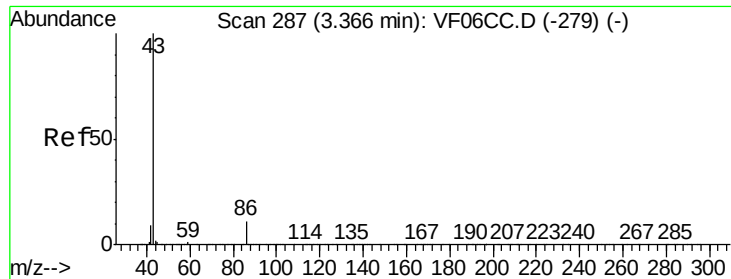
45 100

43 47.2 34.3 51.5

87 25.8 19.0 28.4

59 13.2 9.6 14.4

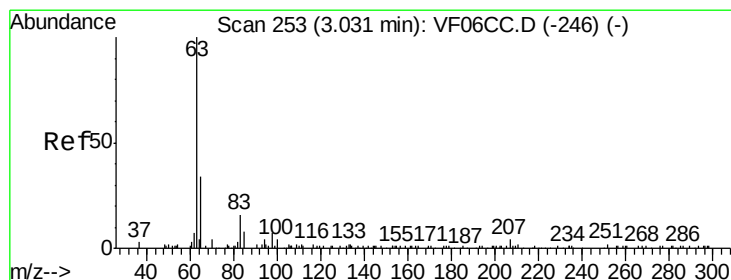
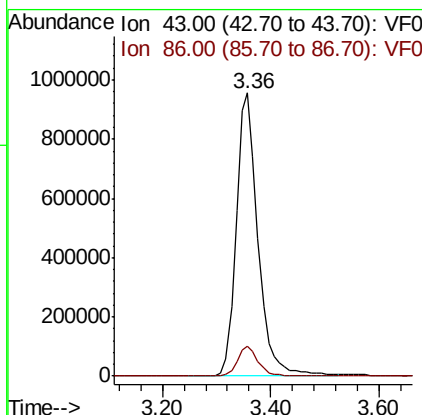
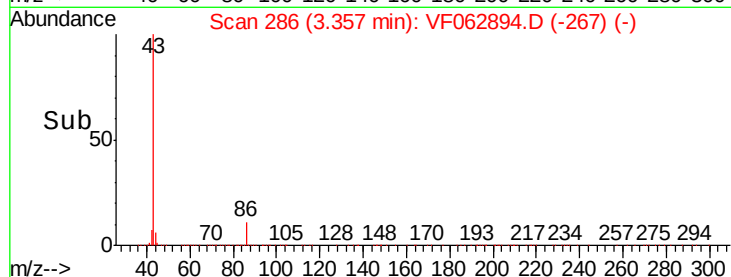
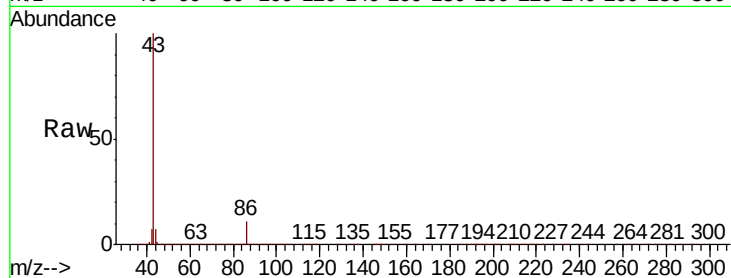




#23
 Vinyl Acetate
 Concen: 280.916 ug/l
 RT: 3.36 min Scan# 286
 Delta R.T. -0.01 min
 Lab File: VF062894.D
 Acq: 7 Jun 2019 11:43

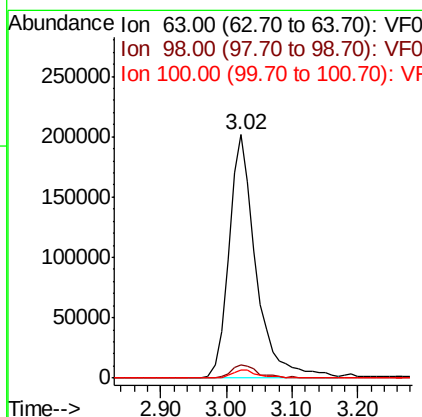
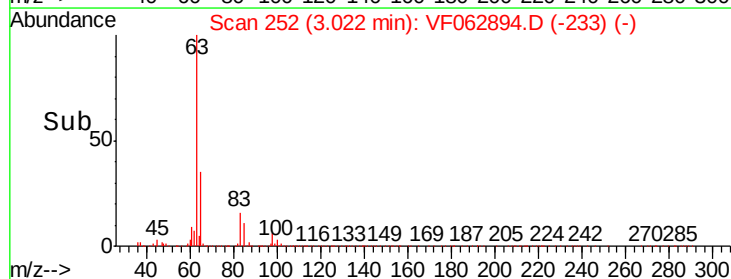
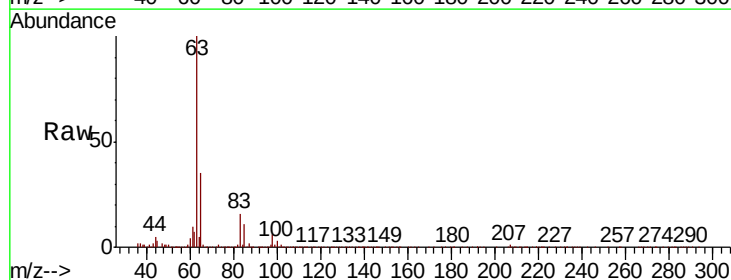
Instrument :
 MSVOA_F
 ClientSampleId :

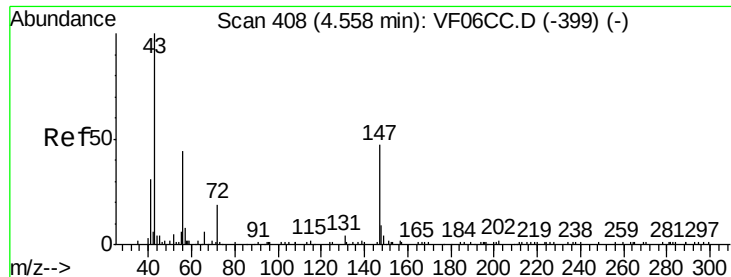
Tot Ion: 43 Resp: 2663779
 Ion Ratio Lower Upper
 43 100
 86 10.6 8.2 12.2



#24
 1,1-Dichloroethane
 Concen: 55.861 ug/l
 RT: 3.02 min Scan# 252
 Delta R.T. -0.01 min
 Lab File: VF062894.D
 Acq: 7 Jun 2019 11:43

Tgt Ion: 63 Resp: 577698
 Ion Ratio Lower Upper
 63 100
 98 5.7 2.4 7.1
 100 3.4 1.5 4.5

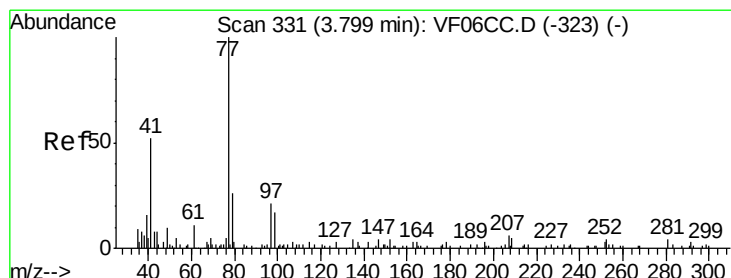
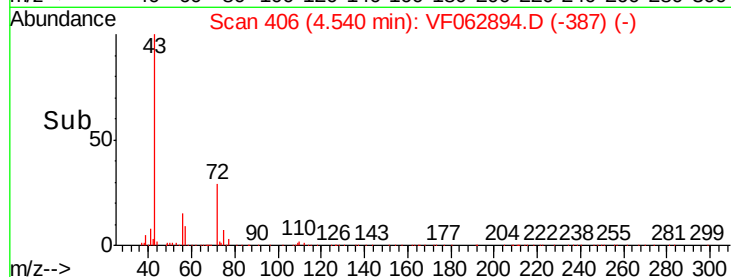
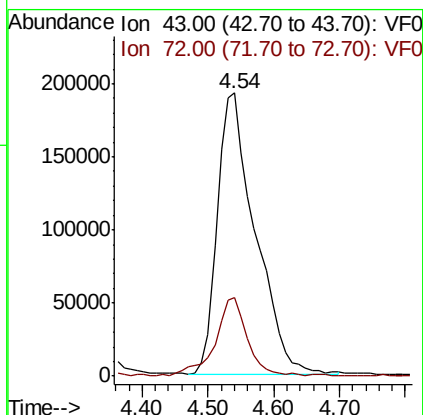
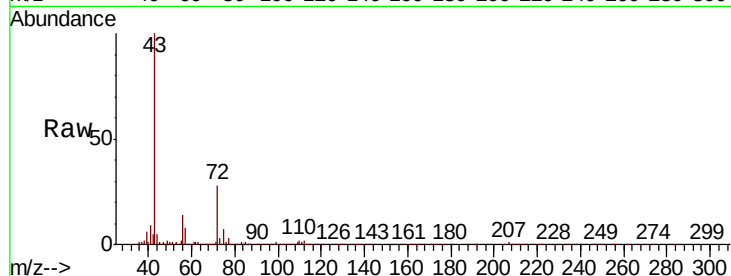




#25
2-Butanone
Concen: 278.121 ug/l
RT: 4.54 min Scan# 406
Delta R.T. -0.01 min
Lab File: VF062894.D
Acq: 7 Jun 2019 11:43

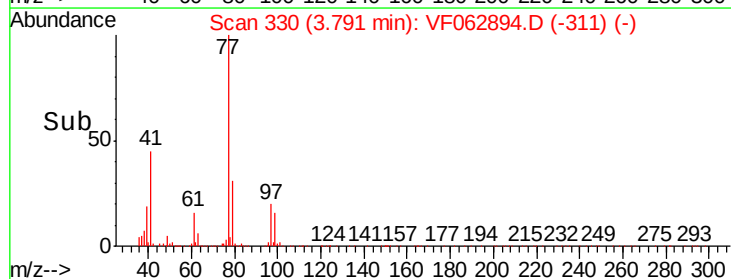
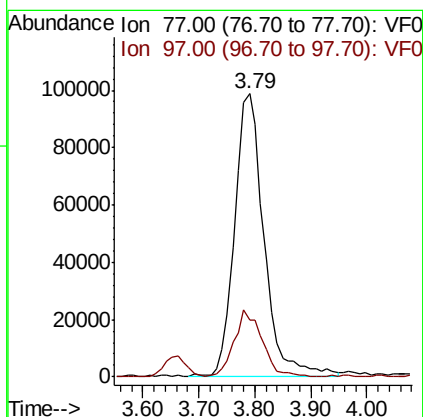
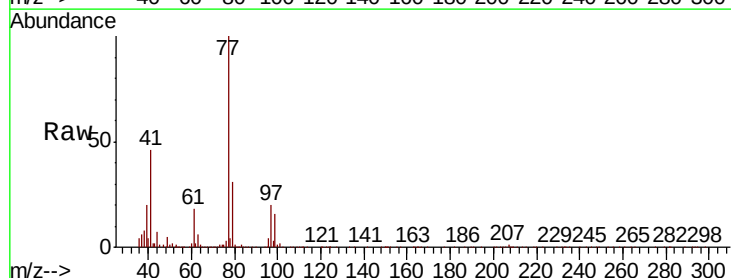
Instrument :
MSVOA_F
ClientSampleId :

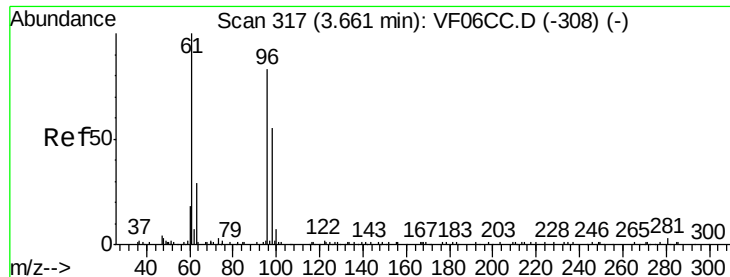
Tot Ion: 43 Resp: 775186
Ion Ratio Lower Upper
43 100
72 27.9 21.4 32.0



#26
2,2-Dichloropropane
Concen: 61.038 ug/l
RT: 3.79 min Scan# 330
Delta R.T. -0.01 min
Lab File: VF062894.D
Acq: 7 Jun 2019 11:43

Tgt Ion: 77 Resp: 358416
Ion Ratio Lower Upper
77 100
97 20.0 12.4 37.4



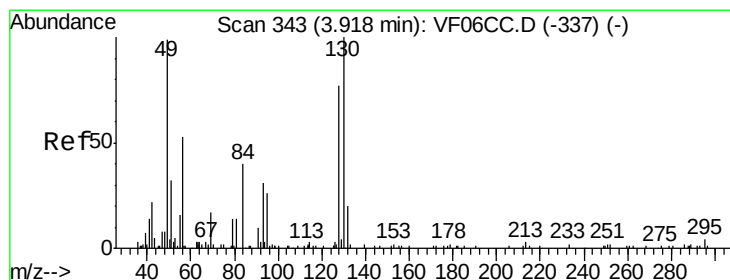
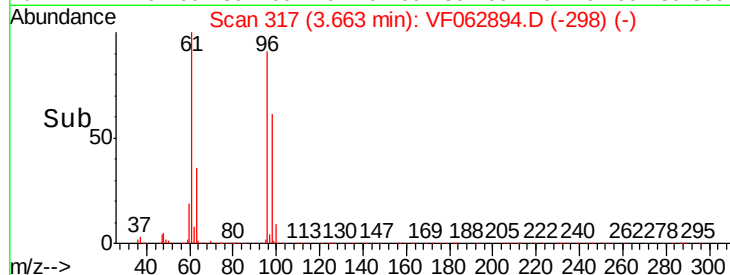
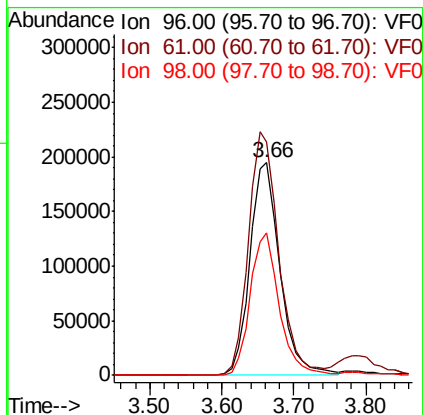
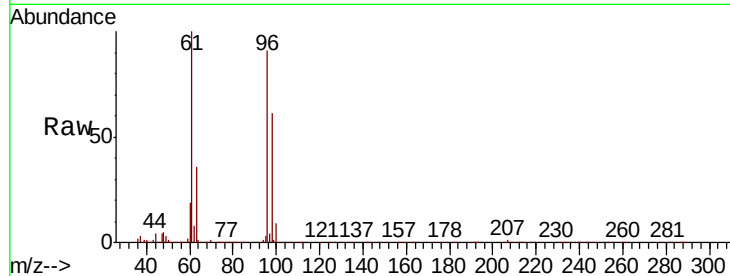


#27

cis-1,2-Dichloroethene
Concen: 53.334 ug/l
RT: 3.66 min Scan# 317
Delta R.T. -0.01 min
Lab File: VF062894.D
Acq: 7 Jun 2019 11:43

Instrument :
MSVOA_F
ClientSampled :

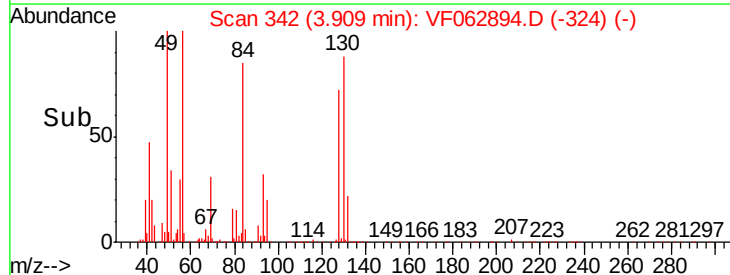
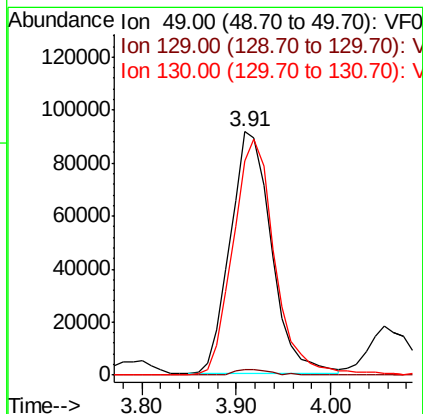
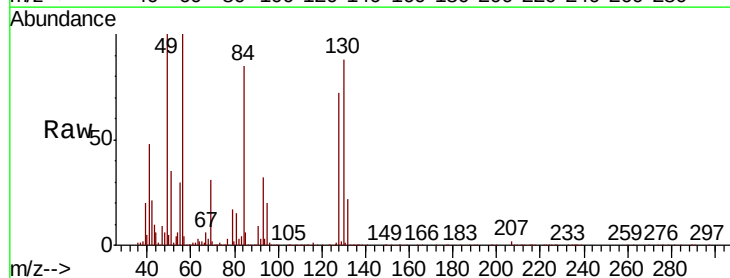
Tot Ion	Ratio	Lower	Upper
96	100		
61	109.7	0.0	213.8
98	67.0	0.0	127.0

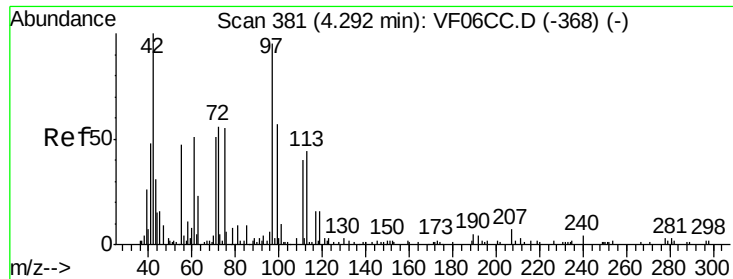


#28

Bromochloromethane
Concen: 49.249 ug/l
RT: 3.91 min Scan# 342
Delta R.T. -0.02 min
Lab File: VF062894.D
Acq: 7 Jun 2019 11:43

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.0	0.0	5.4
130	88.1	79.2	118.8

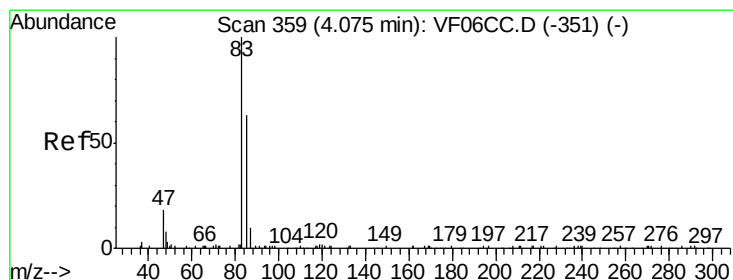
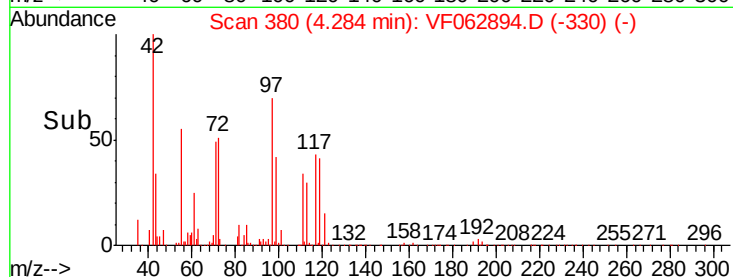
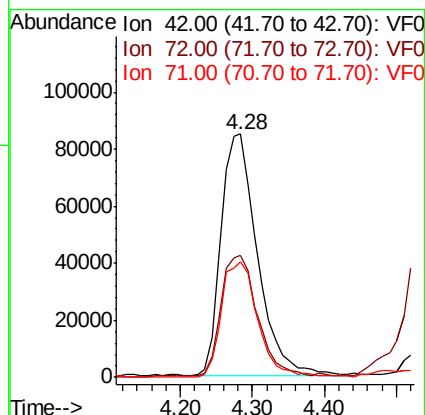
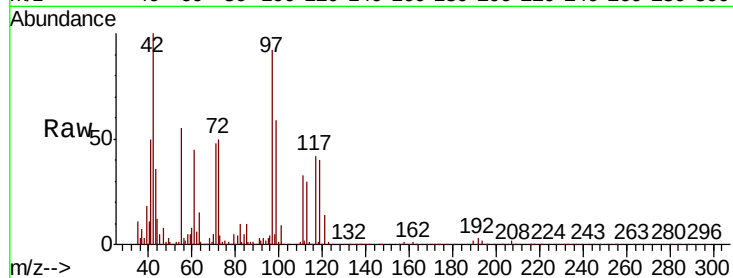




#29
Tetrahydrofuran
Concen: 277.000 ug/l
RT: 4.28 min Scan# 380
Delta R.T. -0.01 min
Lab File: VF062894.D
Acq: 7 Jun 2019 11:43

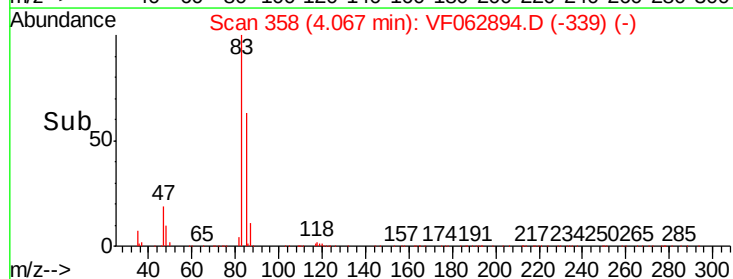
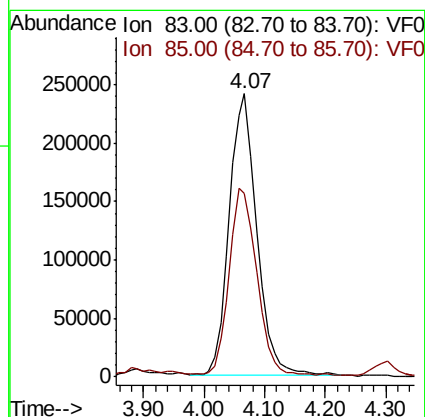
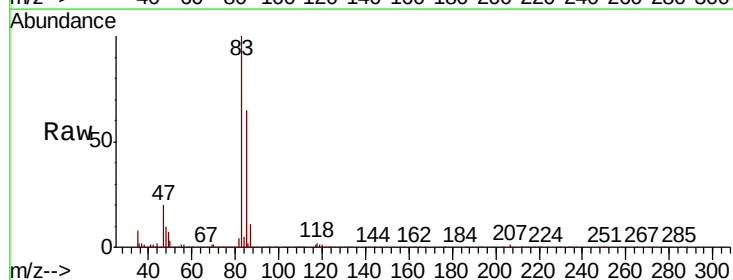
Instrument :
MSVOA_F
ClientSampleId :

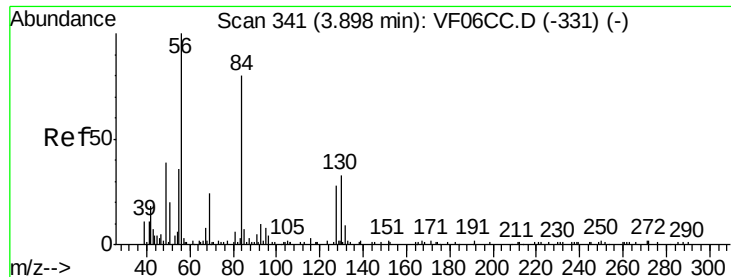
Tot Ion	Ratio	Lower	Upper
42	100		
72	50.4	39.0	58.6
71	47.6	36.9	55.3



#30
Chloroform
Concen: 51.957 ug/l
RT: 4.07 min Scan# 358
Delta R.T. -0.01 min
Lab File: VF062894.D
Acq: 7 Jun 2019 11:43

Tgt Ion	Ratio	Lower	Upper
83	100		
85	65.0	55.0	82.6

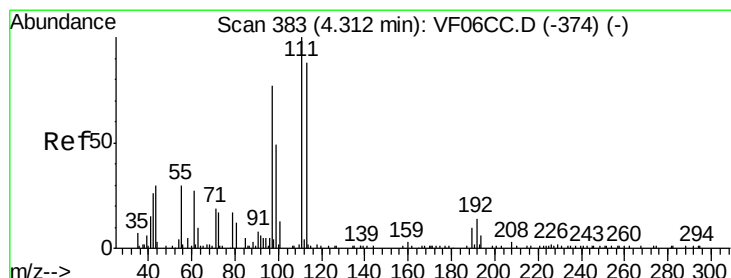
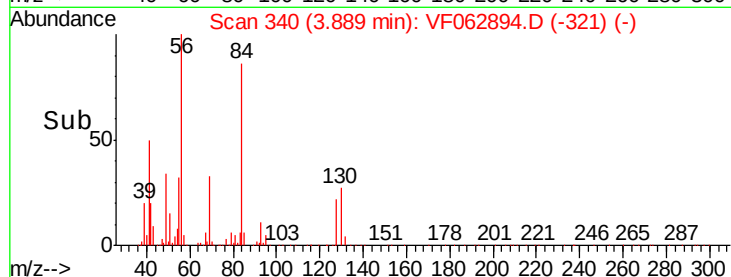
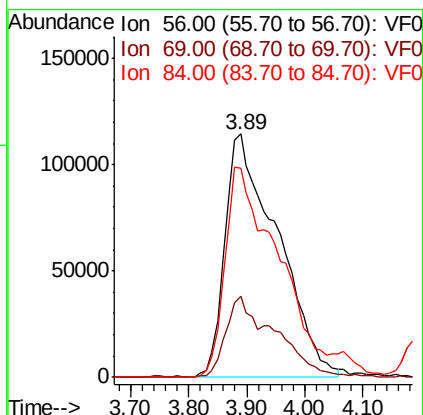
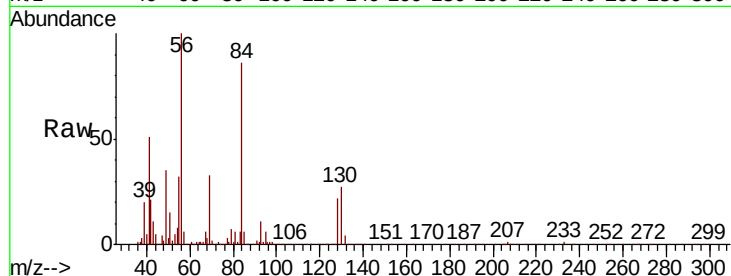




#31
Cyclohexane
Concen: 51.173 ug/l
RT: 3.89 min Scan# 340
Delta R.T. -0.01 min
Lab File: VF062894.D
Acq: 7 Jun 2019 11:43

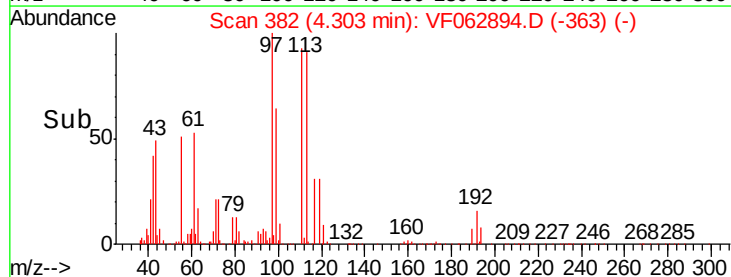
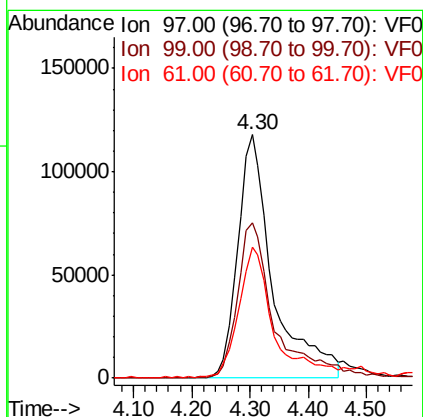
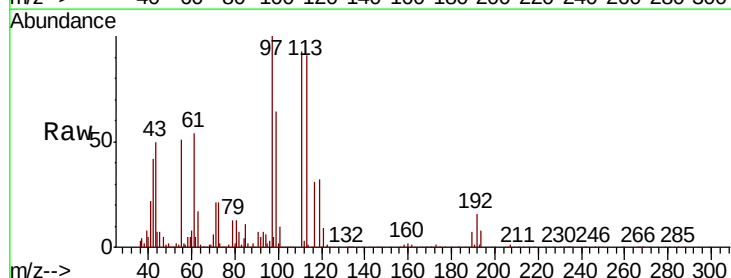
Instrument :
MSVOA_F
ClientSampleId :

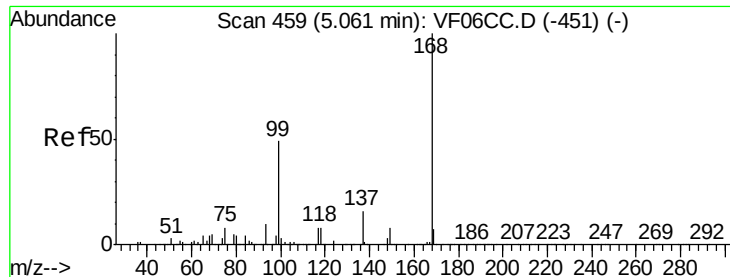
Tot Ion: 56 Resp: 716485
Ion Ratio Lower Upper
56 100
69 33.1 26.7 40.1
84 85.8 74.3 111.5



#32
1,1,1-Trichloroethane
Concen: 59.026 ug/l
RT: 4.30 min Scan# 382
Delta R.T. -0.01 min
Lab File: VF062894.D
Acq: 7 Jun 2019 11:43

Tgt Ion: 97 Resp: 500906
Ion Ratio Lower Upper
97 100
99 63.6 51.7 77.5
61 53.7 38.9 58.3

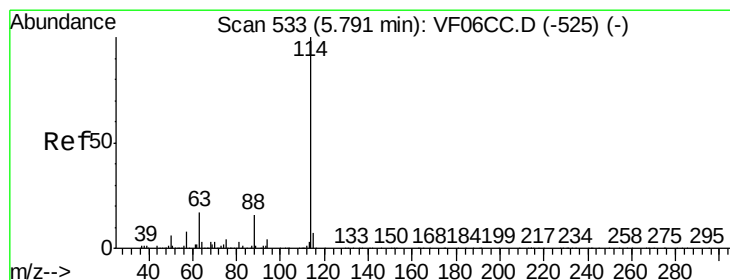
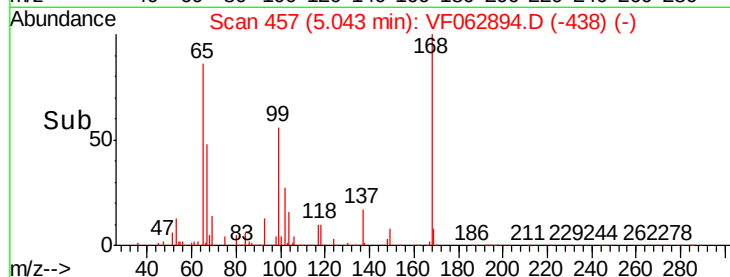
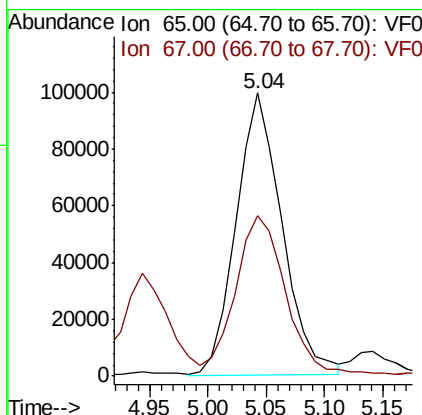
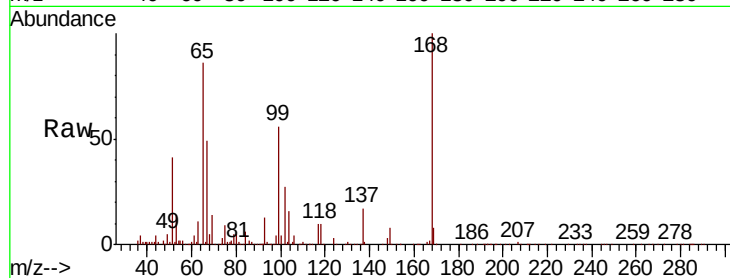




#33
 1,2-Dichloroethane-d4
 Concen: 52.036 ug/l
 RT: 5.04 min Scan# 457
 Delta R.T. -0.01 min
 Lab File: VF062894.D
 Acq: 7 Jun 2019 11:43

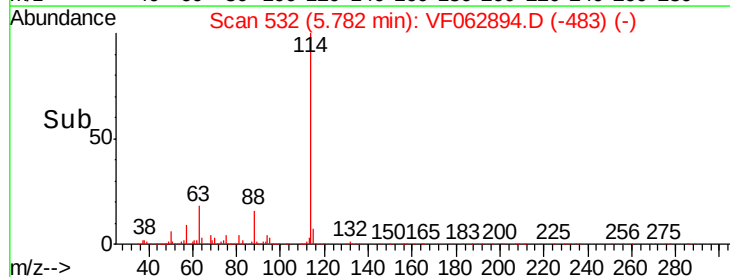
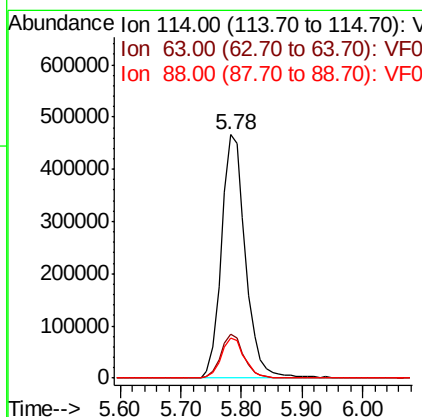
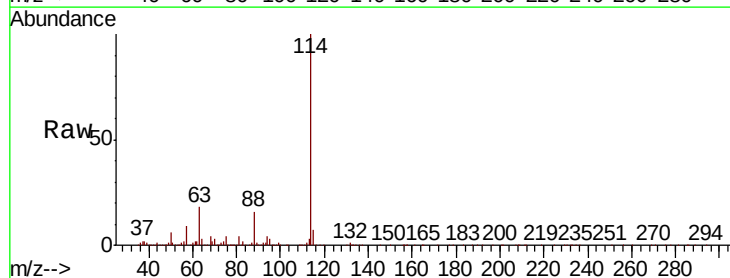
Instrument :
 MSVOA_F
 ClientSampleId :

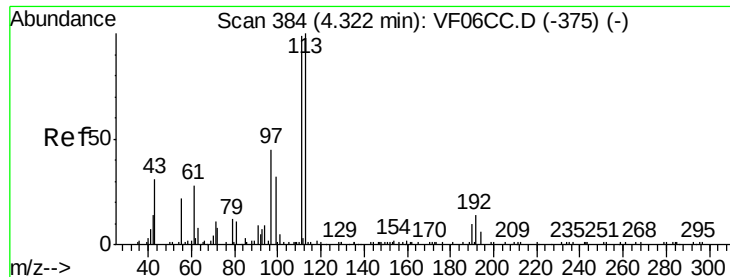
Tot Ion: 65 Resp: 272111
 Ion Ratio Lower Upper
 65 100
 67 56.7 0.0 121.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.78 min Scan# 532
 Delta R.T. -0.02 min
 Lab File: VF062894.D
 Acq: 7 Jun 2019 11:43

Tgt Ion: 114 Resp: 1280405
 Ion Ratio Lower Upper
 114 100
 63 18.0 0.0 34.2
 88 16.2 0.0 31.2

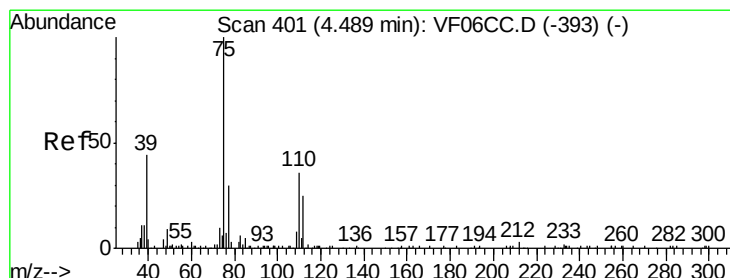
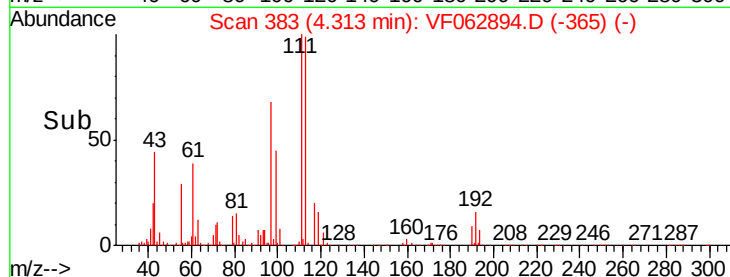
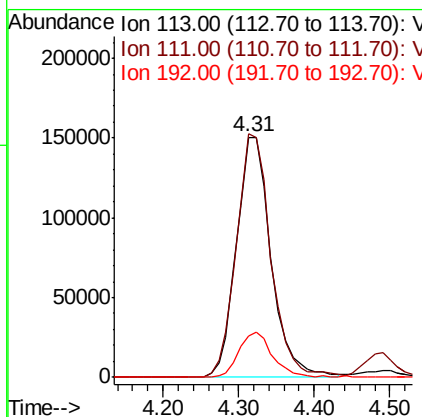
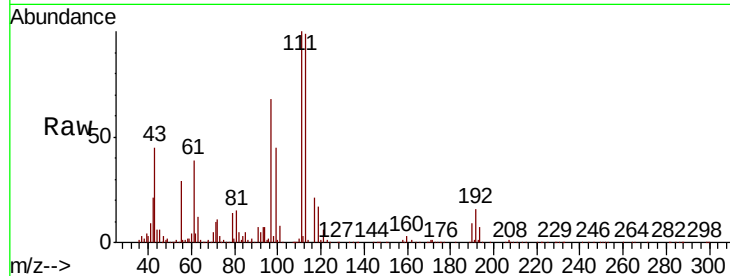




#35
 Dibromofluoromethane
 Concen: 49.403 ug/l
 RT: 4.31 min Scan# 383
 Delta R.T. -0.02 min
 Lab File: VF062894.D
 Acq: 7 Jun 2019 11:43

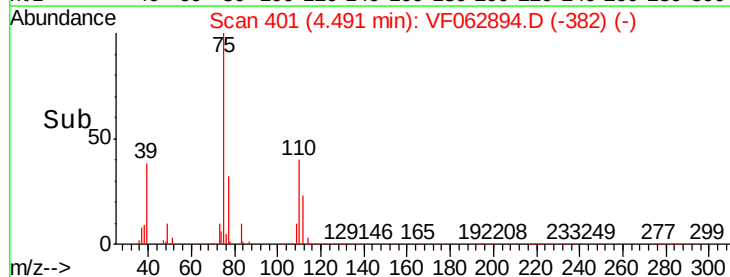
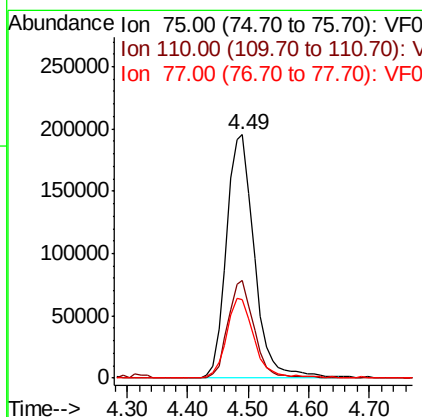
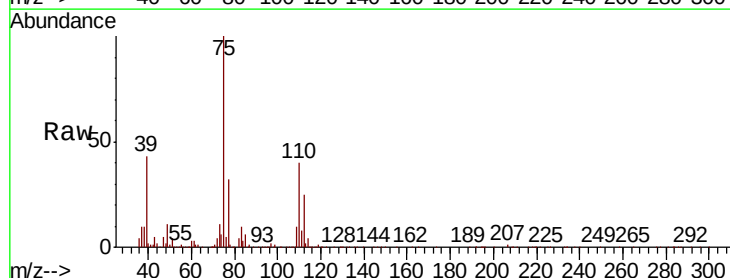
Instrument :
 MSVOA_F
 ClientSampleId :

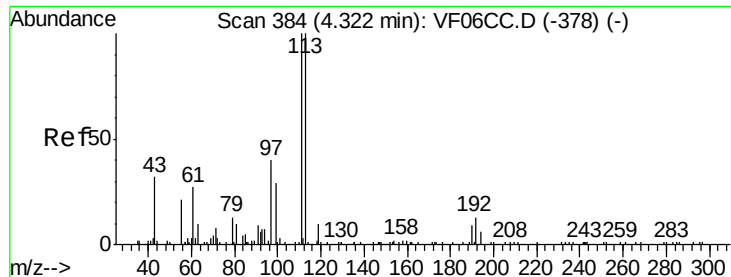
Tot Ion:113 Resp: 477996
 Ion Ratio Lower Upper
 113 100
 111 101.4 81.9 122.9
 192 17.2 15.1 22.7



#36
 1,1-Dichloropropene
 Concen: 53.126 ug/l
 RT: 4.49 min Scan# 401
 Delta R.T. -0.01 min
 Lab File: VF062894.D
 Acq: 7 Jun 2019 11:43

Tgt Ion: 75 Resp: 626207
 Ion Ratio Lower Upper
 75 100
 110 40.1 19.4 58.1
 77 32.3 25.4 38.2





#37

Ethyl Acetate

Concen: 54.613 ug/l

RT: 4.31 min Scan# 383

Delta R.T. -0.02 min

Lab File: VF062894.D

Acq: 7 Jun 2019 11:43

Instrument :
MSVOA_F
ClientSampled :

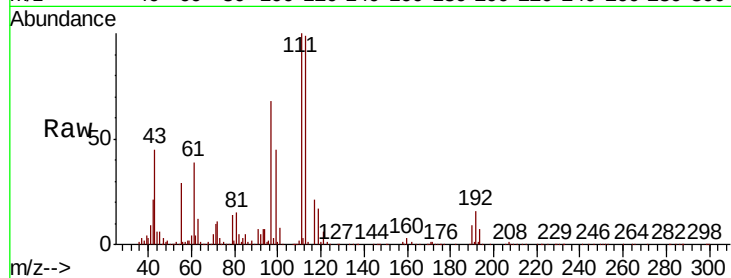
Tot Ion: 43 Resp: 246078

Ion Ratio Lower Upper

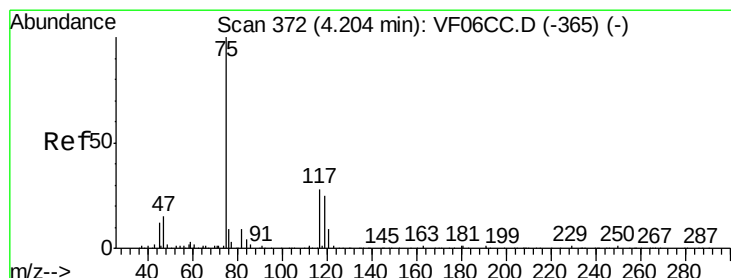
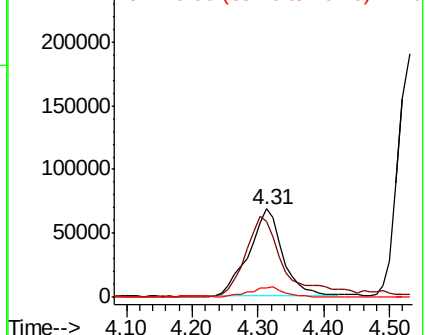
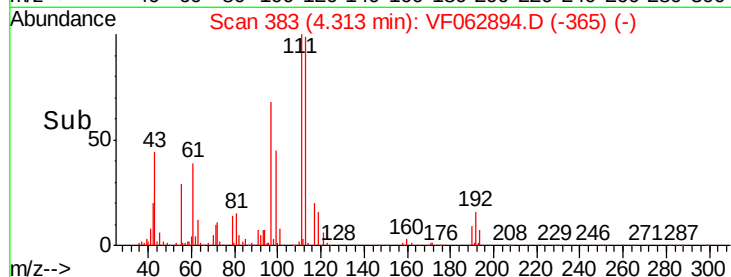
43 100

61 86.2 59.1 88.7

70 10.3 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: 52.166 ug/l

RT: 4.19 min Scan# 371

Delta R.T. -0.01 min

Lab File: VF062894.D

Acq: 7 Jun 2019 11:43

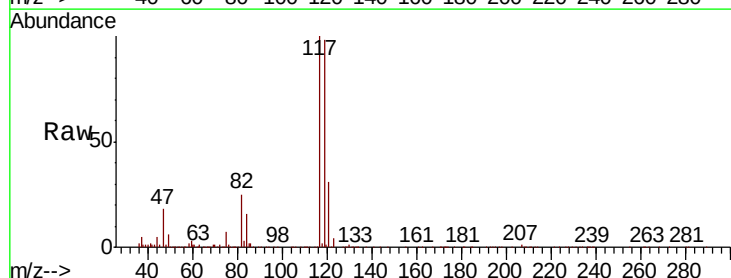
Tgt Ion: 117 Resp: 415571

Ion Ratio Lower Upper

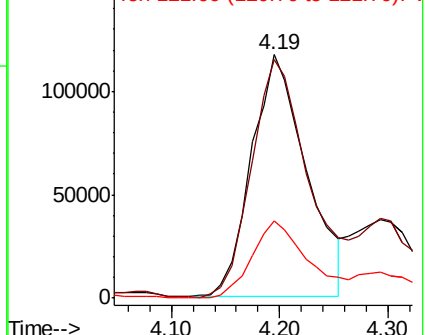
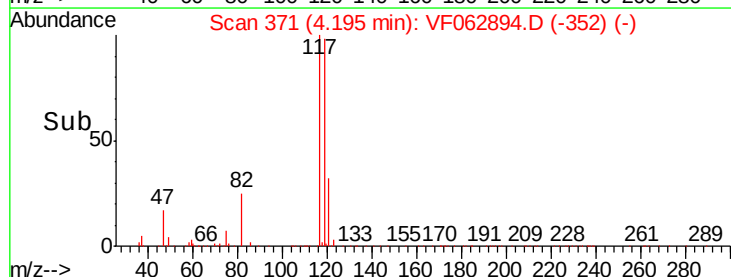
117 100

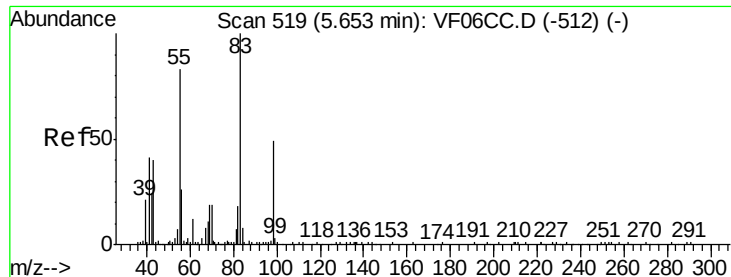
119 97.8 78.2 117.2

121 31.5 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

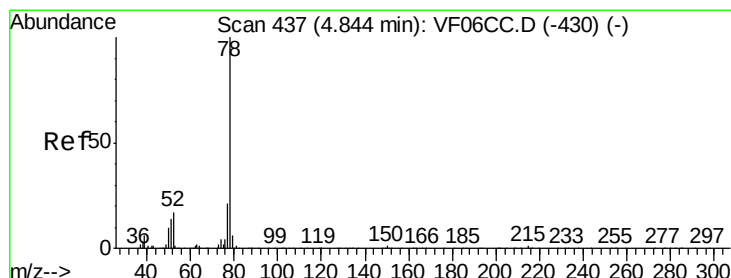
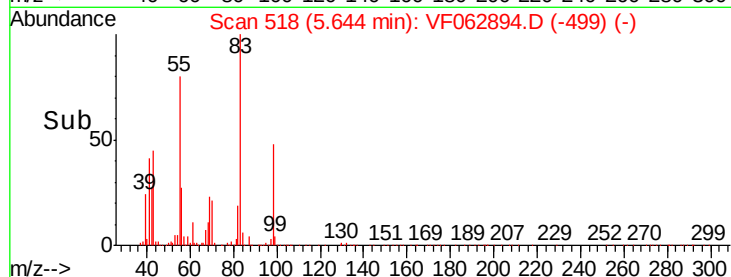
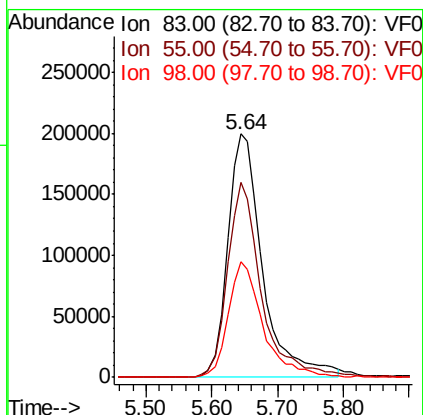
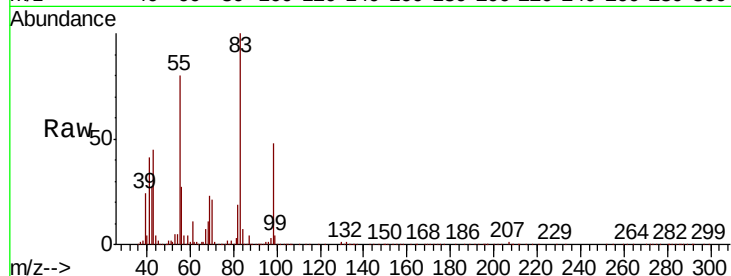




#39
Methylvlcyclohexane
Concen: 50.503 ug/l
RT: 5.64 min Scan# 518
Delta R.T. -0.01 min
Lab File: VF062894.D
Acq: 7 Jun 2019 11:43

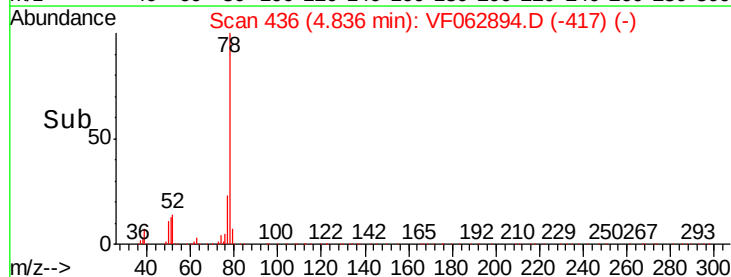
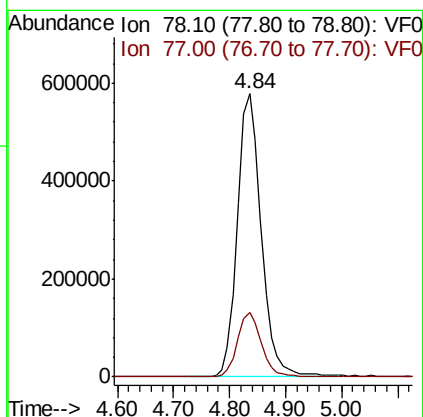
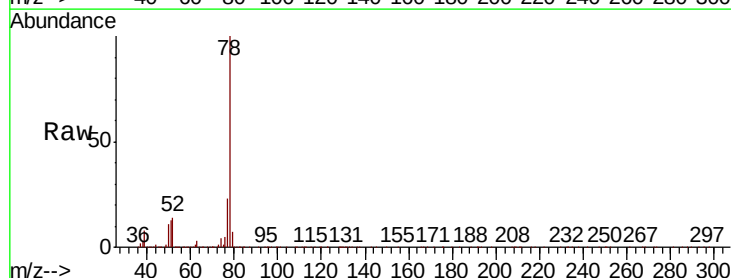
Instrument :
MSVOA_F
ClientSampled :

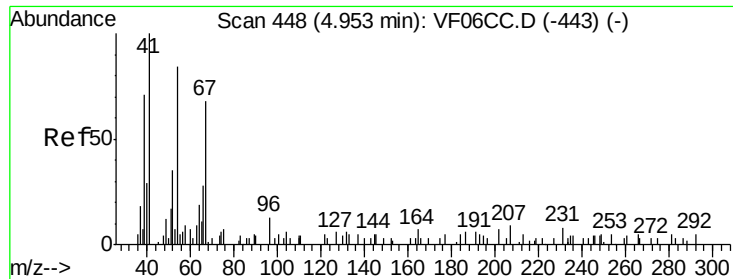
Tot Ion: 83 Resp: 740902
Ion Ratio Lower Upper
83 100
55 79.8 61.6 92.4
98 47.7 37.4 56.2



#40
Benzene
Concen: 49.982 ug/l
RT: 4.84 min Scan# 436
Delta R.T. -0.01 min
Lab File: VF062894.D
Acq: 7 Jun 2019 11:43

Tgt Ion: 78 Resp: 1714658
Ion Ratio Lower Upper
78 100
77 22.9 18.9 28.3

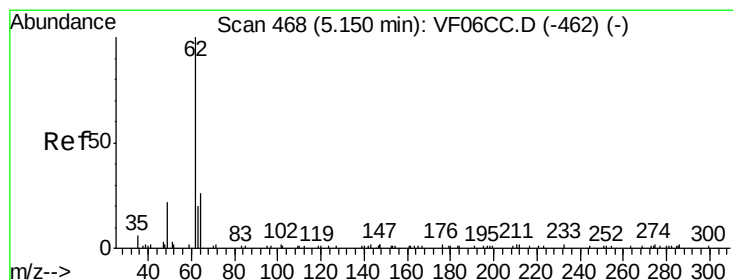
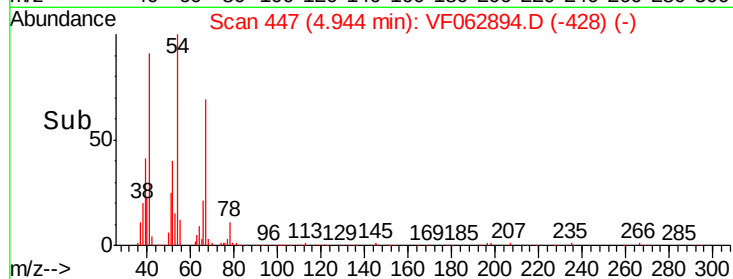
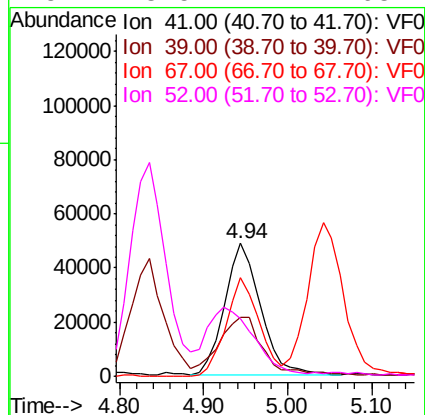
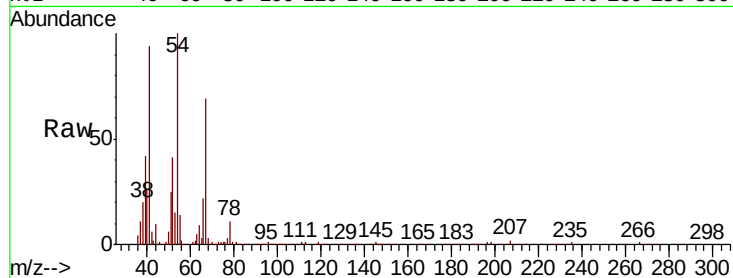




#41
Methacrylonitrile
Concen: 57.157 ug/l
RT: 4.94 min Scan# 447
Delta R.T. -0.01 min
Lab File: VF062894.D
Acq: 7 Jun 2019 11:43

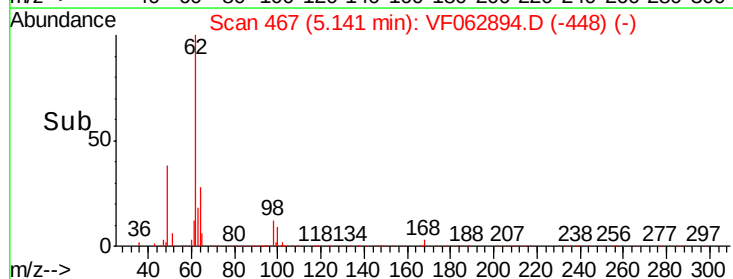
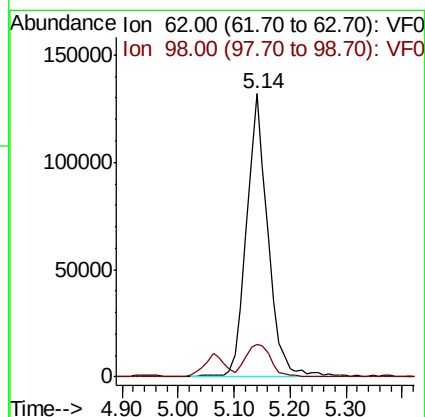
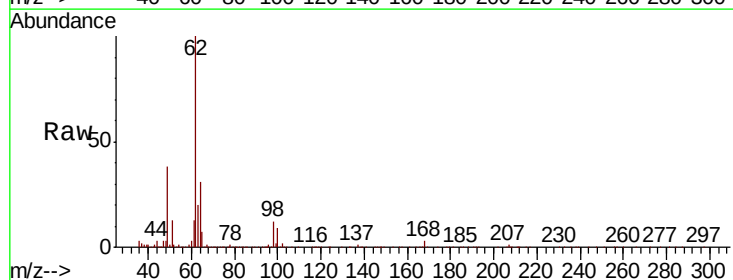
Instrument :
MSVOA_F
ClientSampleId :

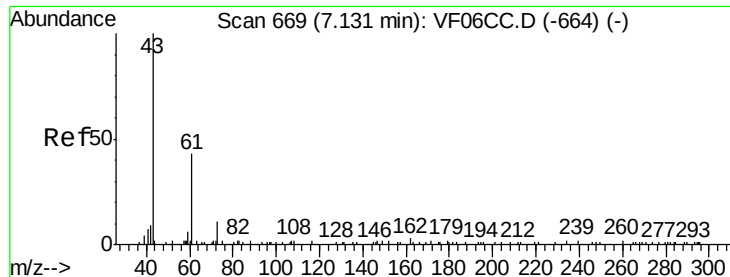
Tot Ion:	41	Resp:	143172
Ion	Ratio	Lower	Upper
41	100		
39	44.8	42.0	63.0
67	74.0	61.4	92.0
52	43.5	42.1	63.1



#42
1,2-Dichloroethane
Concen: 53.730 ug/l
RT: 5.14 min Scan# 467
Delta R.T. -0.01 min
Lab File: VF062894.D
Acq: 7 Jun 2019 11:43

Tgt Ion:	62	Resp:	350569
Ion	Ratio	Lower	Upper
62	100		
98	11.6	0.0	24.0





#43

Isopropyl Acetate

Concen: 52.778 ug/l

RT: 7.12 min Scan# 668

Delta R.T. -0.01 min

Lab File: VF062894.D

Acq: 7 Jun 2019 11:43

Instrument :

MSVOA_F

ClientSampleId :

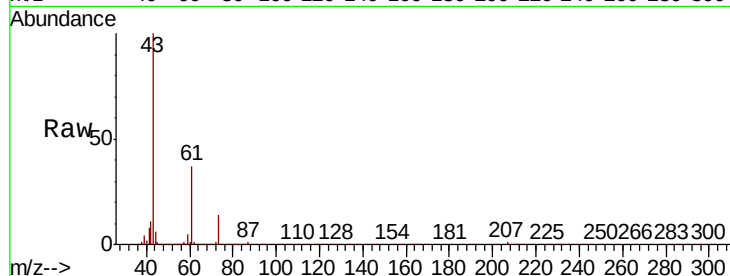
Tot Ion: 43 Resp: 314148

Ion Ratio Lower Upper

43 100

61 37.2 29.8 44.6

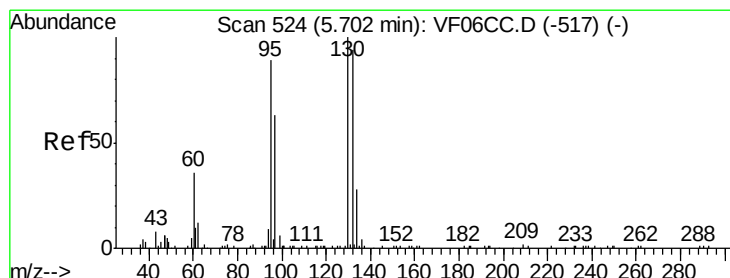
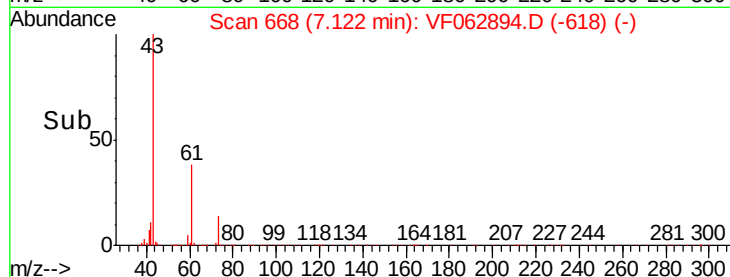
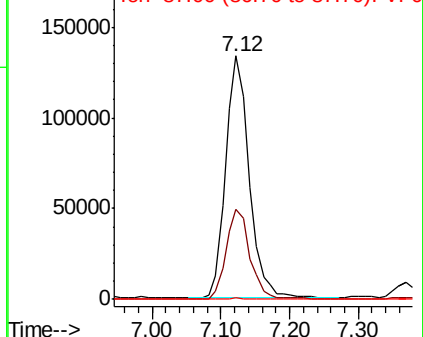
87 0.5 0.3 0.5#



Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 61.00 (60.70 to 61.70): VF0

Ion 87.00 (86.70 to 87.70): VF0



#44

Trichloroethene

Concen: 50.623 ug/l

RT: 5.69 min Scan# 523

Delta R.T. -0.01 min

Lab File: VF062894.D

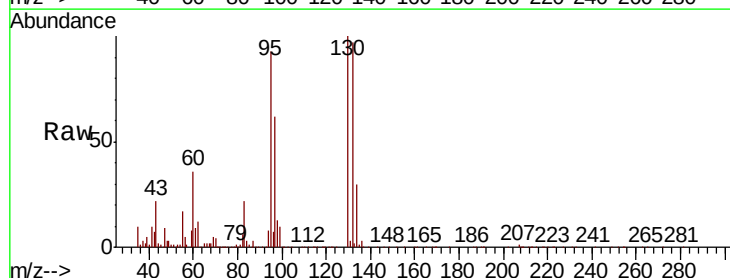
Acq: 7 Jun 2019 11:43

Tgt Ion: 130 Resp: 490117

Ion Ratio Lower Upper

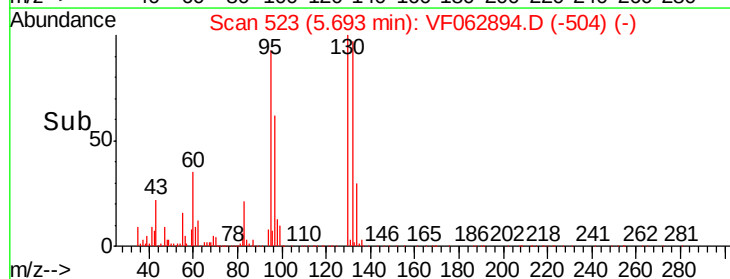
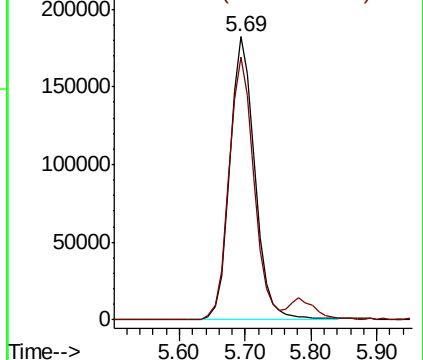
130 100

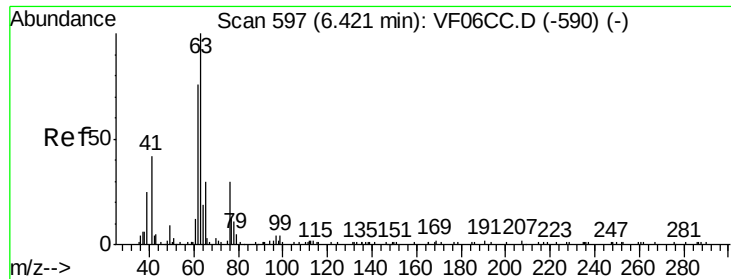
95 92.8 0.0 188.2



Abundance Ion 129.90 (129.60 to 130.60): V

Ion 94.90 (94.60 to 95.60): VF0

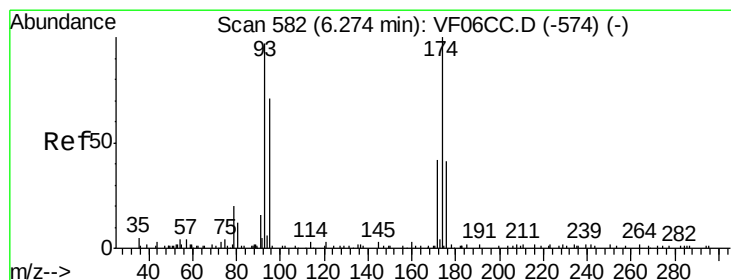
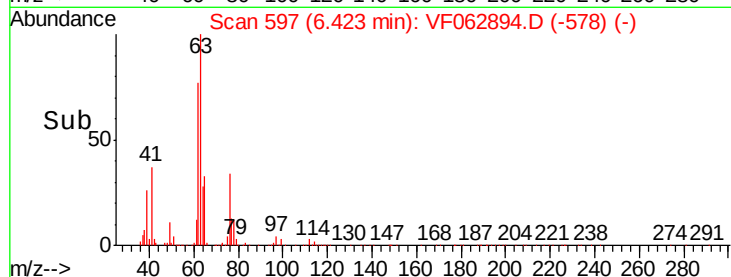
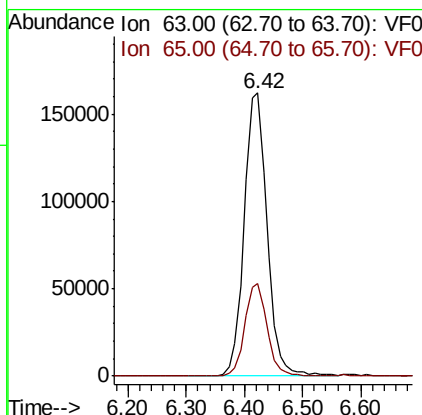
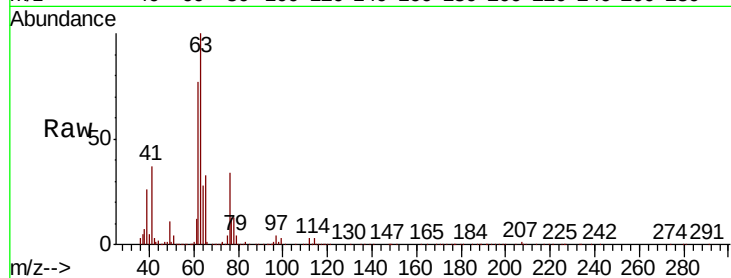




#45
1,2-Dichloropropane
Concen: 52.029 ug/l
RT: 6.42 min Scan# 597
Delta R.T. -0.01 min
Lab File: VF062894.D
Acq: 7 Jun 2019 11:43

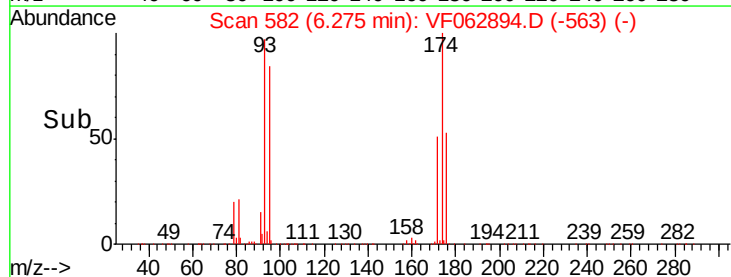
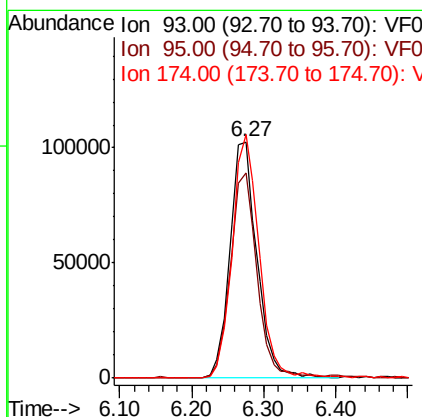
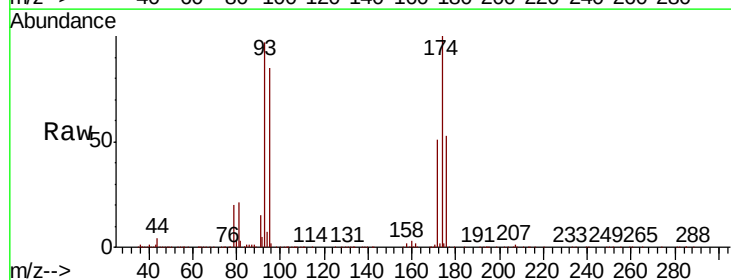
Instrument :
MSVOA_F
ClientSampleId :

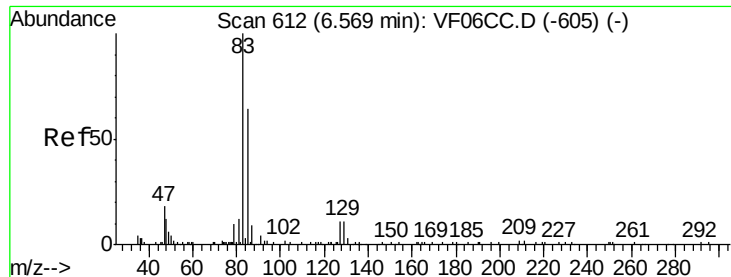
Tot Ion: 63 Resp: 447910
Ion Ratio Lower Upper
63 100
65 32.6 24.2 36.2



#46
Dibromomethane
Concen: 53.701 ug/l
RT: 6.27 min Scan# 582
Delta R.T. -0.01 min
Lab File: VF062894.D
Acq: 7 Jun 2019 11:43

Tgt Ion: 93 Resp: 269911
Ion Ratio Lower Upper
93 100
95 87.0 67.9 101.9
174 103.0 85.0 127.4





#47

Bromodichloromethane

Concen: 53.006 ug/l

RT: 6.56 min Scan# 611

Delta R.T. -0.02 min

Lab File: VF062894.D

Acq: 7 Jun 2019 11:43

Instrument :
MSVOA_F
ClientSampled :

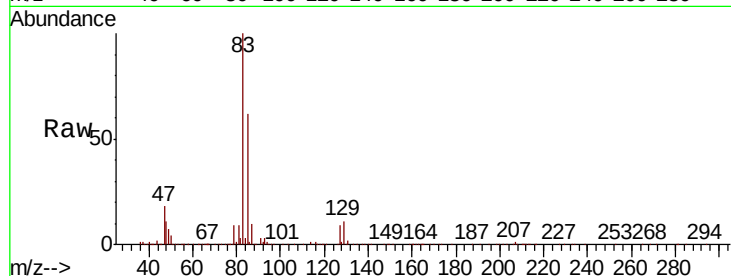
Tot Ion: 83 Resp: 542579

Ion Ratio Lower Upper

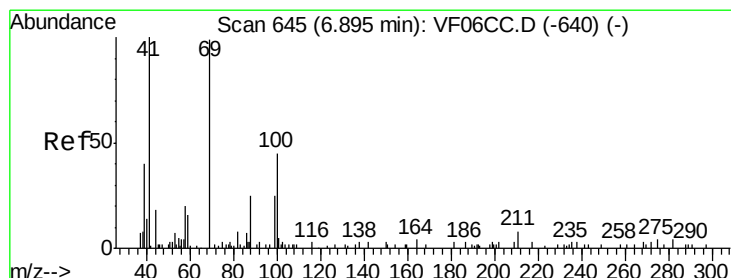
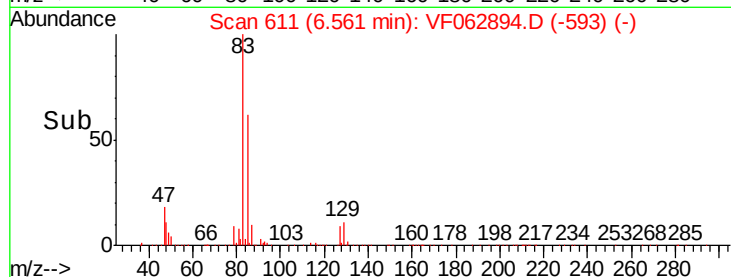
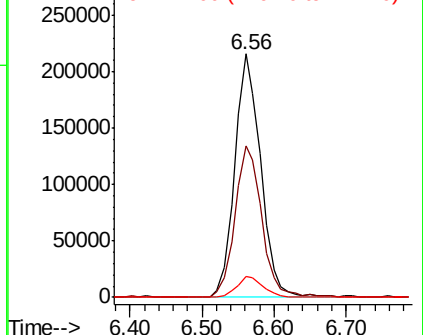
83 100

85 62.3 54.2 81.4

127 8.6 7.0 10.4



Abundance Ion 83.00 (82.70 to 83.70): VF0
Ion 85.00 (84.70 to 85.70): VF0
Ion 127.00 (126.70 to 127.70): V



#48

Methyl methacrylate

Concen: 52.620 ug/l

RT: 6.89 min Scan# 644

Delta R.T. -0.01 min

Lab File: VF062894.D

Acq: 7 Jun 2019 11:43

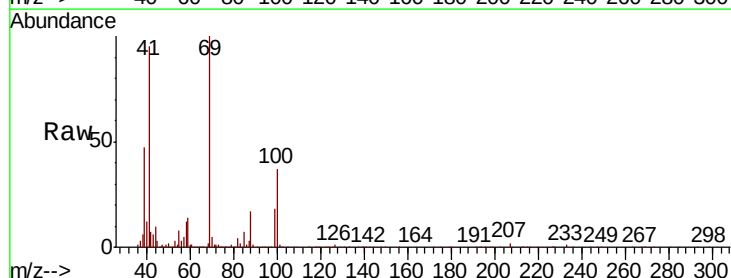
Tgt Ion: 41 Resp: 161416

Ion Ratio Lower Upper

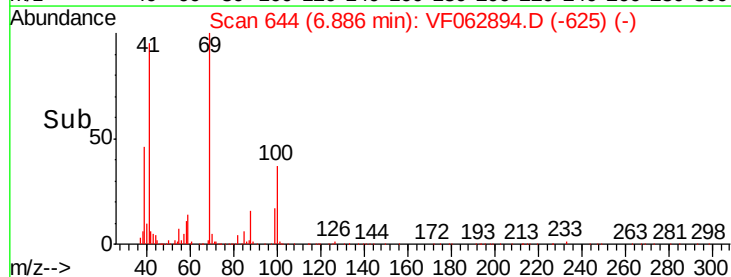
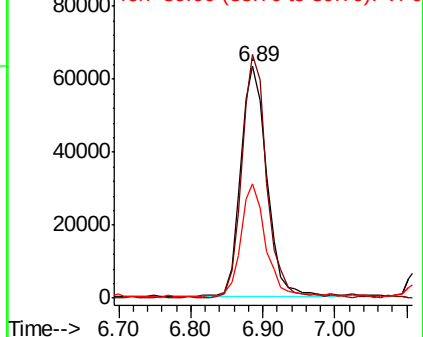
41 100

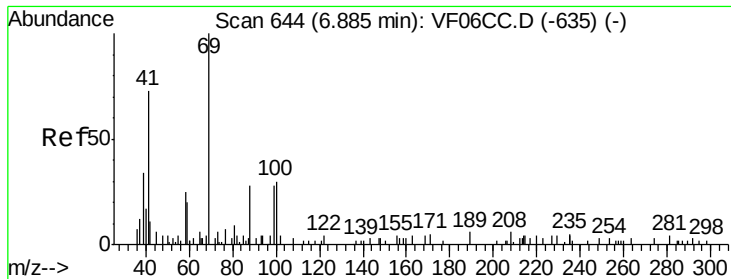
69 105.0 79.4 119.2

39 49.3 39.8 59.6



Abundance Ion 41.00 (40.70 to 41.70): VF0
Ion 69.00 (68.70 to 69.70): VF0
Ion 39.00 (38.70 to 39.70): VF0





#49

1,4-Dioxane

Concen: 1053.631 ug/l

RT: 6.88 min Scan# 643

Delta R.T. -0.01 min

Lab File: VF062894.D

Acq: 7 Jun 2019 11:43

Instrument :
MSVOA_F
ClientSampleId :

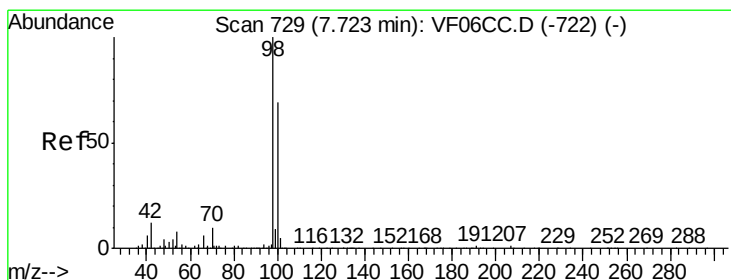
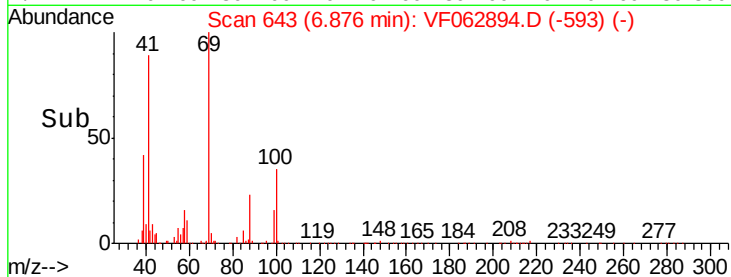
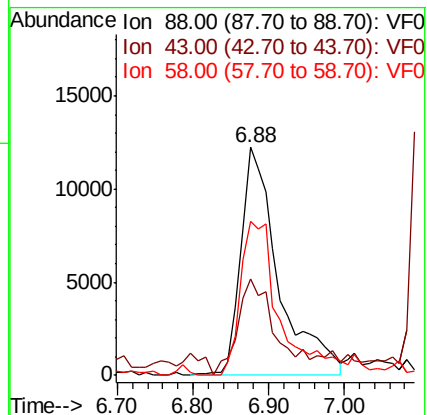
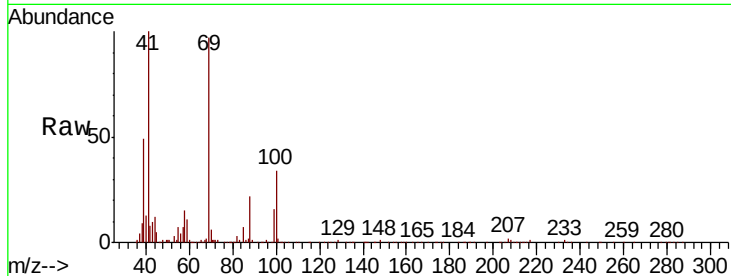
Tot Ion: 88 Resp: 42603

Ion Ratio Lower Upper

88 100

43 42.5 34.8 52.2

58 67.8 59.9 89.9



#50

Toluene-d8

Concen: 50.002 ug/l

RT: 7.71 min Scan# 728

Delta R.T. -0.02 min

Lab File: VF062894.D

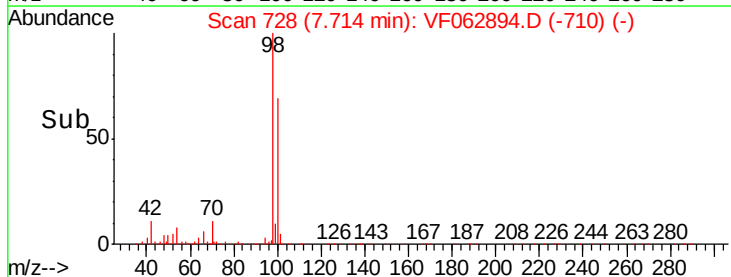
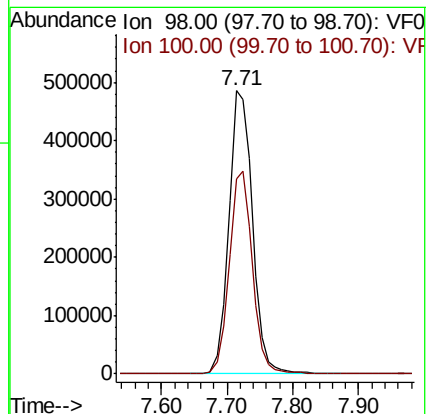
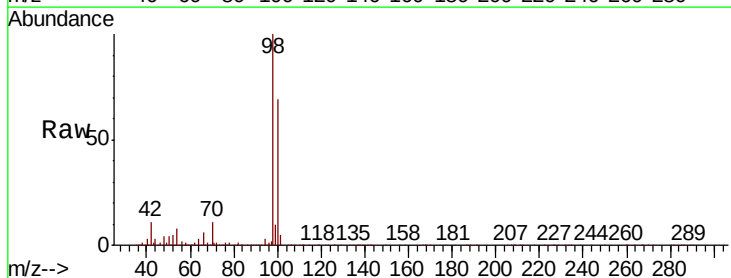
Acq: 7 Jun 2019 11:43

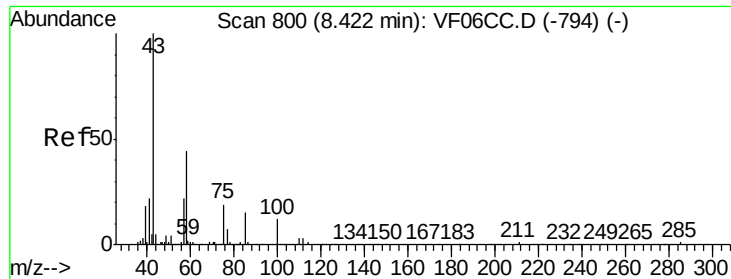
Tgt Ion: 98 Resp: 1223388

Ion Ratio Lower Upper

98 100

100 68.7 59.8 89.8





#51

4-Methyl-2-Pentanone

Concen: 303.360 ug/l

RT: 8.41 min Scan# 799

Delta R.T. -0.01 min

Lab File: VF062894.D

Acq: 7 Jun 2019 11:43

Instrument :

MSVOA_F

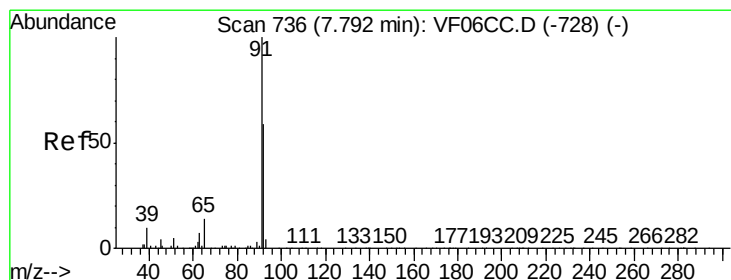
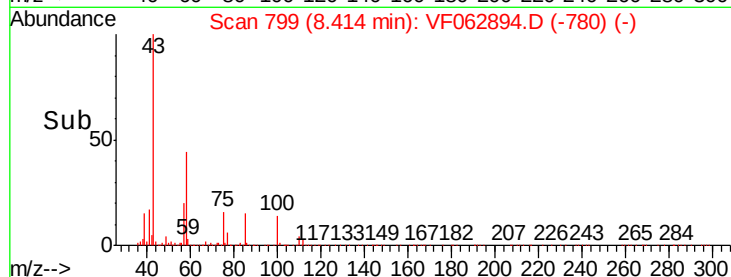
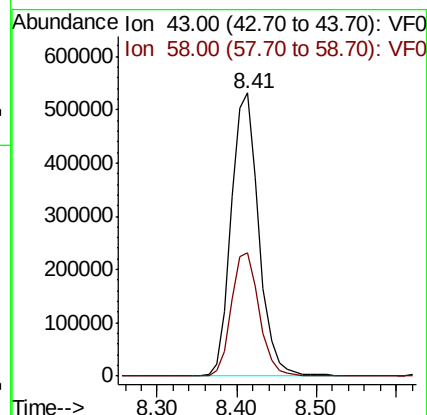
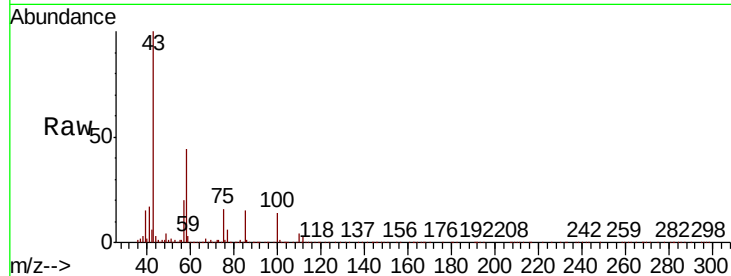
ClientSampleId :

Tot Ion: 43 Resp: 1289152

Ion Ratio Lower Upper

43 100

58 43.7 35.5 53.3



#52

Toluene

Concen: 54.933 ug/l

RT: 7.79 min Scan# 736

Delta R.T. -0.01 min

Lab File: VF062894.D

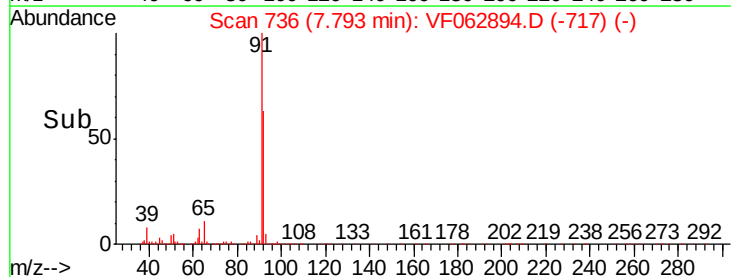
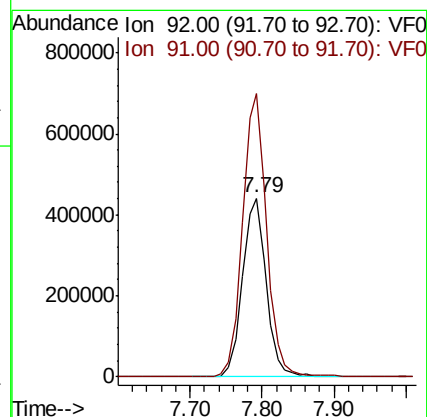
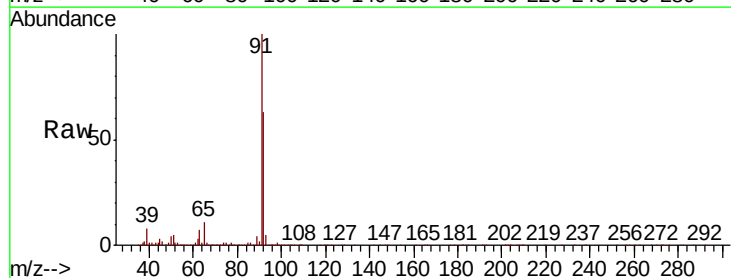
Acq: 7 Jun 2019 11:43

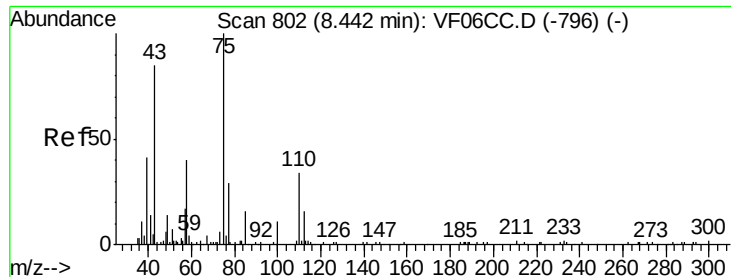
Tgt Ion: 92 Resp: 1015002

Ion Ratio Lower Upper

92 100

91 158.4 123.2 184.8





#53

t-1,3-Dichloropropene

Concen: 55.884 ug/l

RT: 8.43 min Scan# 801

Delta R.T. -0.01 min

Lab File: VF062894.D

Acq: 7 Jun 2019 11:43

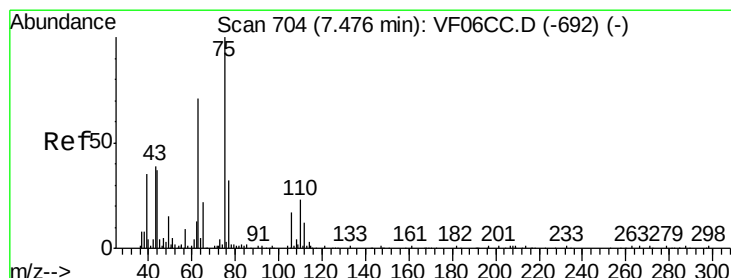
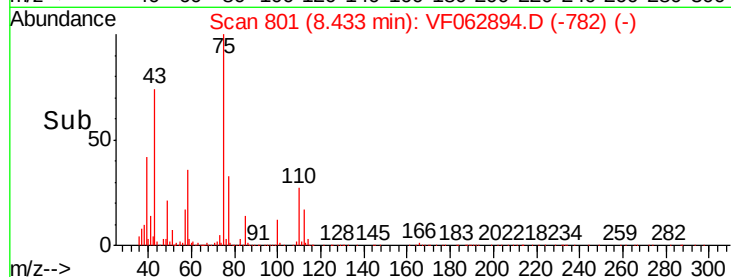
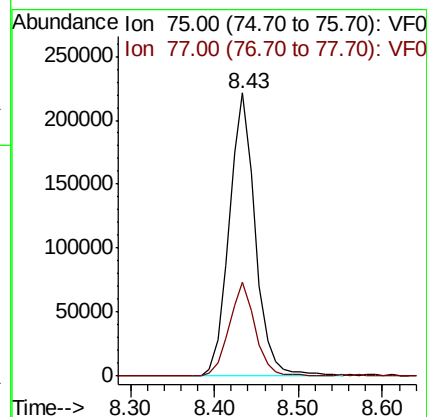
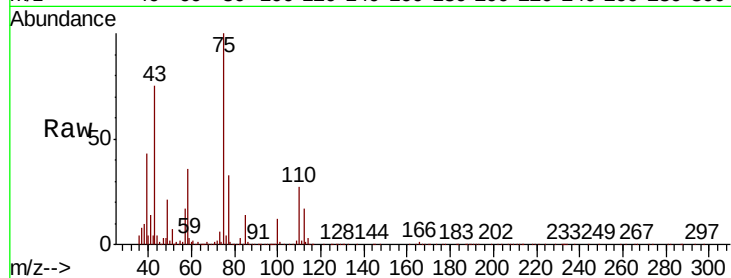
Instrument :
MSVOA_F
ClientSampled :

Tot Ion: 75 Resp: 474014

Ion Ratio Lower Upper

75 100

77 33.1 25.7 38.5



#54

cis-1,3-Dichloropropene

Concen: 51.760 ug/l

RT: 7.47 min Scan# 703

Delta R.T. -0.01 min

Lab File: VF062894.D

Acq: 7 Jun 2019 11:43

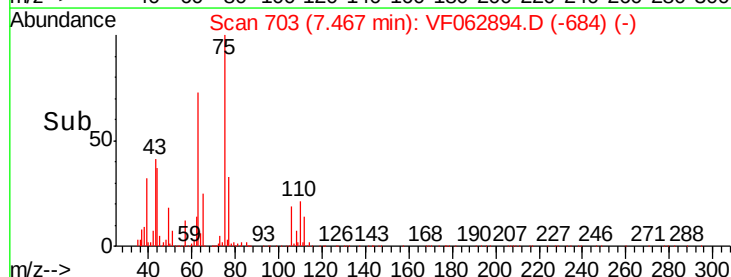
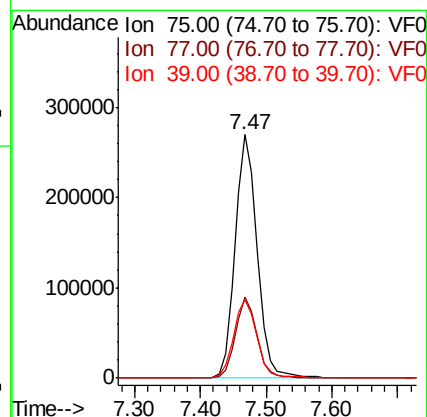
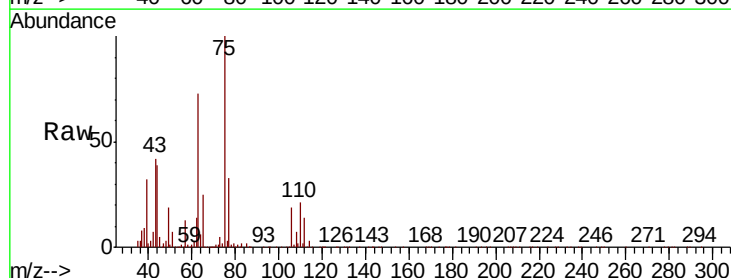
Tgt Ion: 75 Resp: 635518

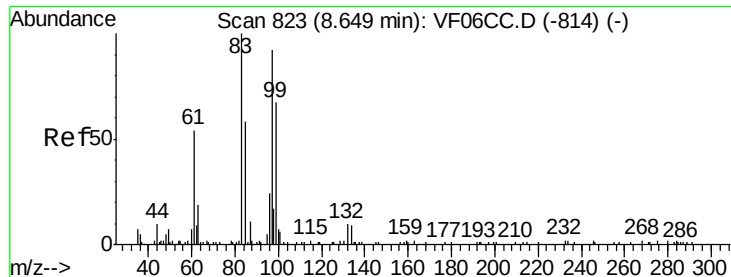
Ion Ratio Lower Upper

75 100

77 33.4 25.8 38.8

39 32.5 28.4 42.6





#55

1,1,2-Trichloroethane

Concen: 56.985 ug/l

RT: 8.64 min Scan# 822

Delta R.T. -0.01 min

Lab File: VF062894.D

Acq: 7 Jun 2019 11:43

Instrument :
MSVOA_F
ClientSampleId :

Tot Ion: 97 Resp: 314558

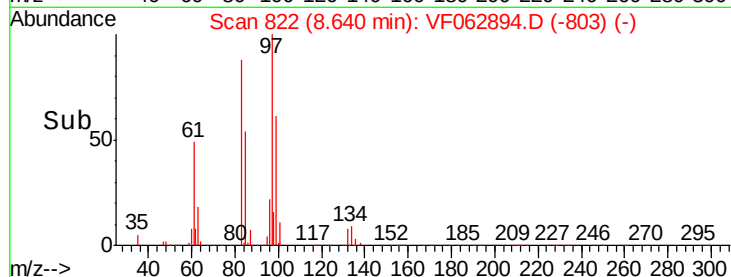
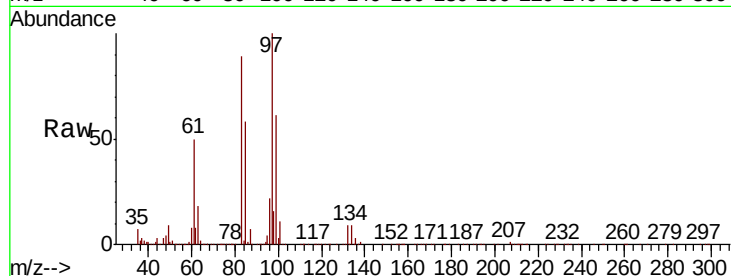
Ion Ratio Lower Upper

97 100

83 89.3 72.0 108.0

85 57.7 47.5 71.3

99 61.3 54.1 81.1

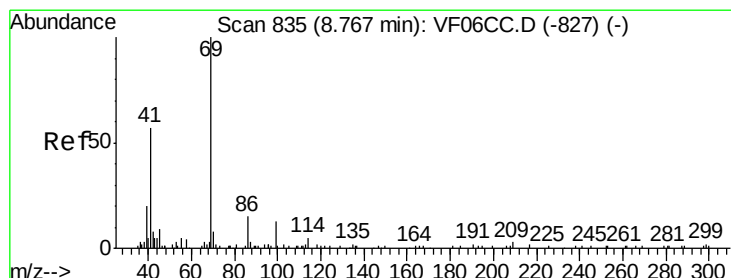
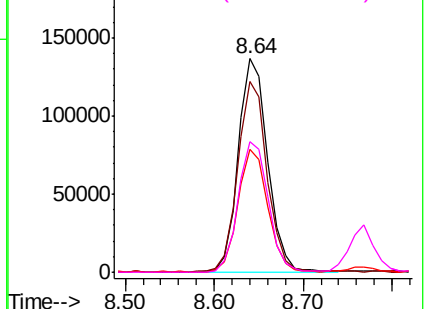


Abundance Ion 97.00 (96.70 to 97.70): VF0

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: 59.855 ug/l

RT: 8.76 min Scan# 834

Delta R.T. -0.02 min

Lab File: VF062894.D

Acq: 7 Jun 2019 11:43

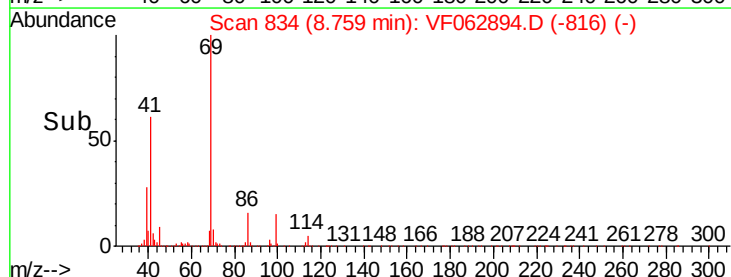
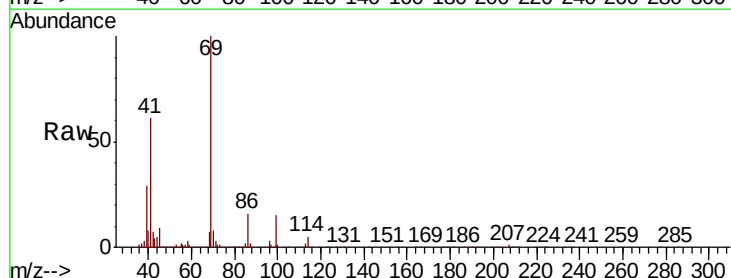
Tgt Ion: 69 Resp: 354511

Ion Ratio Lower Upper

69 100

41 60.8 46.6 69.8

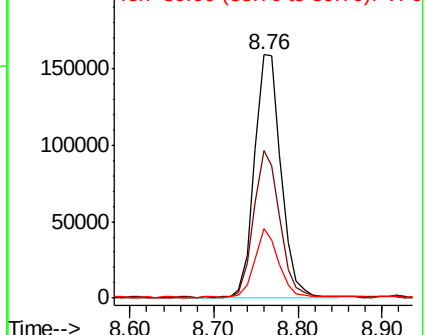
39 28.8 19.6 29.4

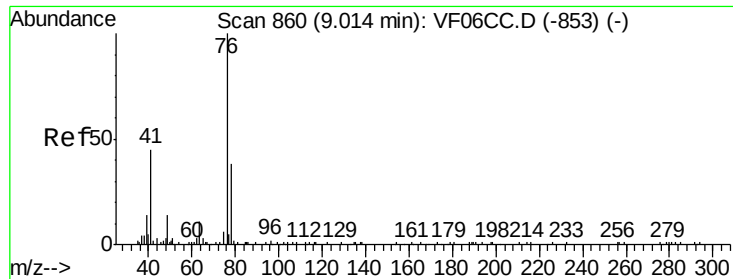


Abundance Ion 69.00 (68.70 to 69.70): VF0

Ion 41.00 (40.70 to 41.70): VF0

Ion 39.00 (38.70 to 39.70): VF0

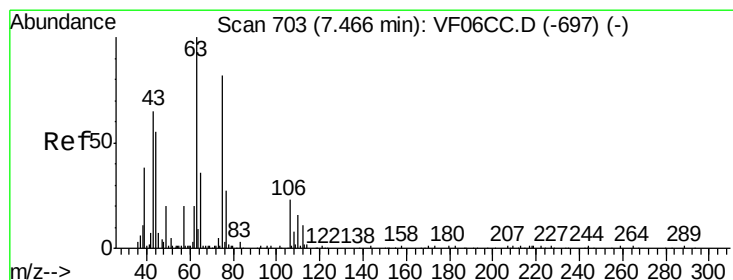
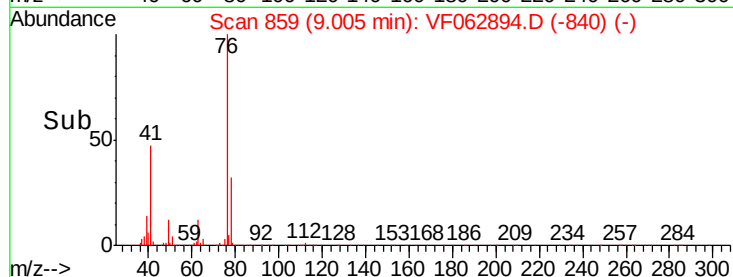
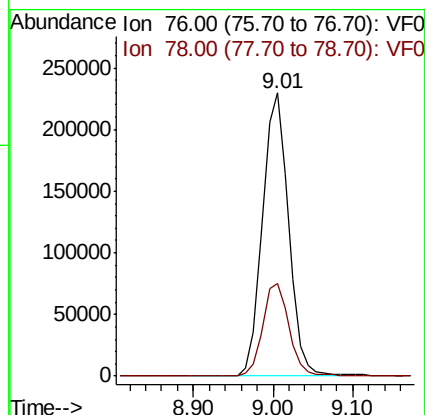
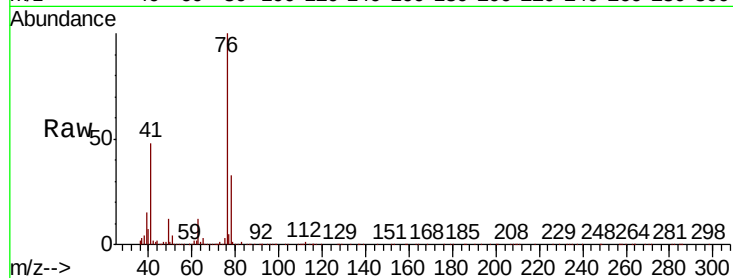




#57
 1,3-Dichloropropane
 Concen: 57.543 ug/l
 RT: 9.01 min Scan# 859
 Delta R.T. -0.01 min
 Lab File: VF062894.D
 Acq: 7 Jun 2019 11:43

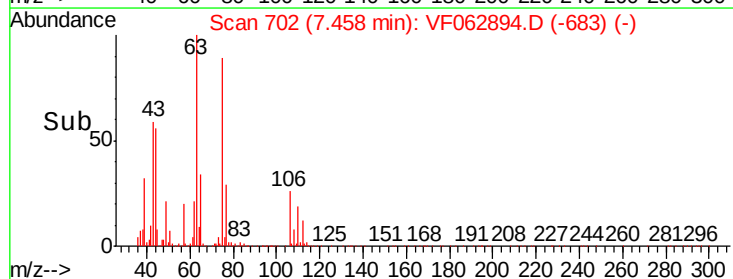
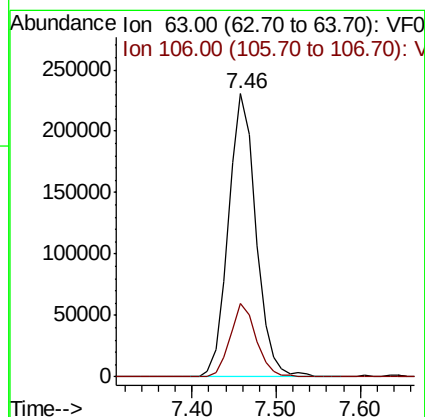
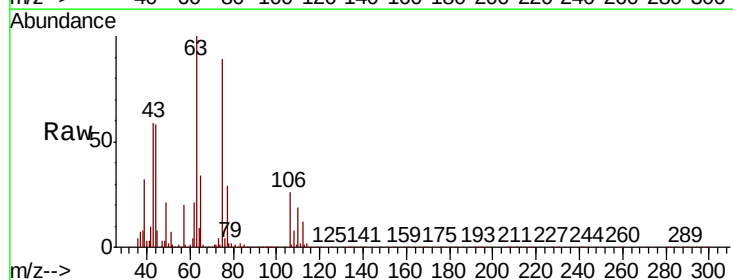
Instrument :
 MSVOA_F
 ClientSampleID :

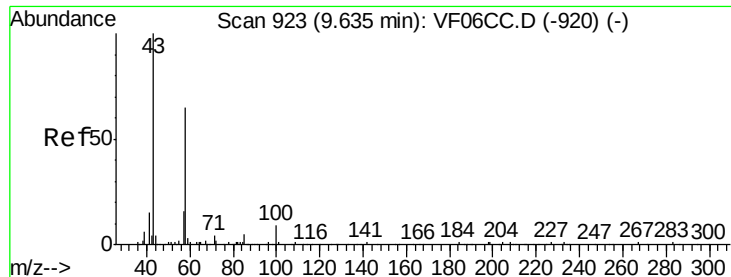
Tot Ion: 76 Resp: 518714
 Ion Ratio Lower Upper
 76 100
 78 32.6 26.8 40.2



#58
 2-Chloroethyl Vinyl ether
 Concen: 252.312 ug/l
 RT: 7.46 min Scan# 702
 Delta R.T. -0.01 min
 Lab File: VF062894.D
 Acq: 7 Jun 2019 11:43

Tgt Ion: 63 Resp: 522279
 Ion Ratio Lower Upper
 63 100
 106 25.9 19.5 29.3

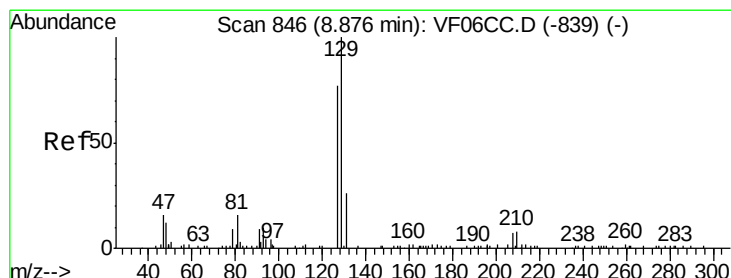
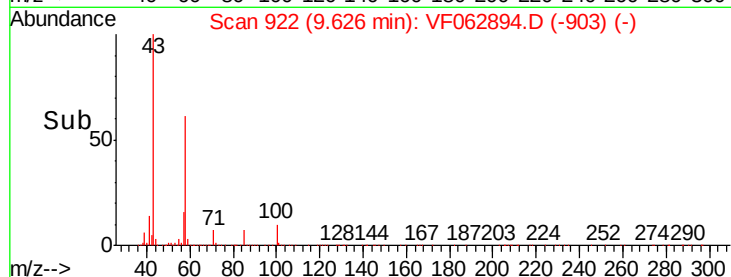
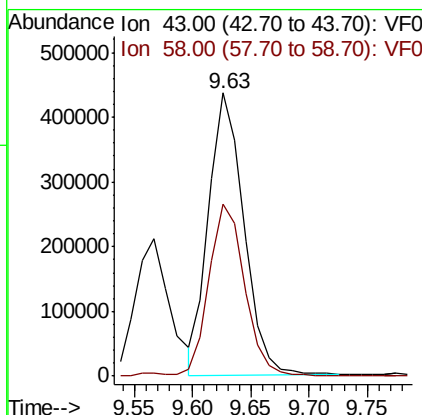
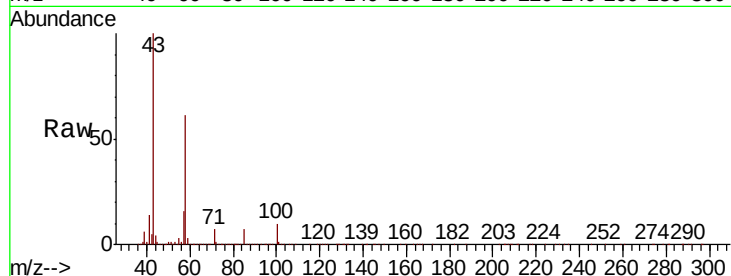




#59
2-Hexanone
Concen: 302.403 ug/l
RT: 9.63 min Scan# 922
Delta R.T. -0.01 min
Lab File: VF062894.D
Acq: 7 Jun 2019 11:43

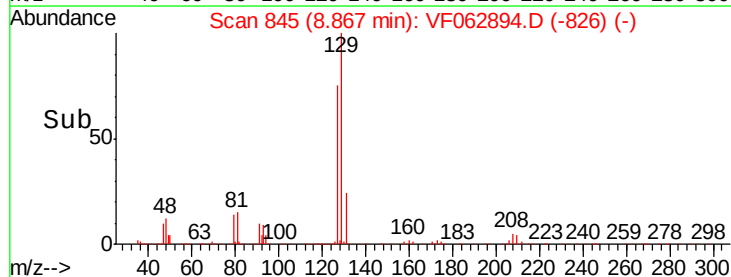
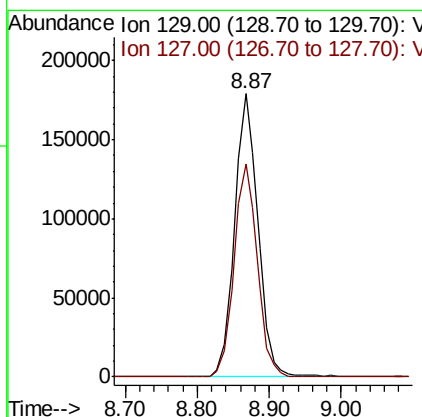
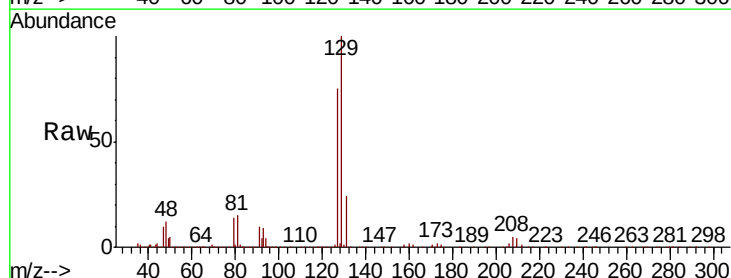
Instrument :
MSVOA_F
ClientSampleId :

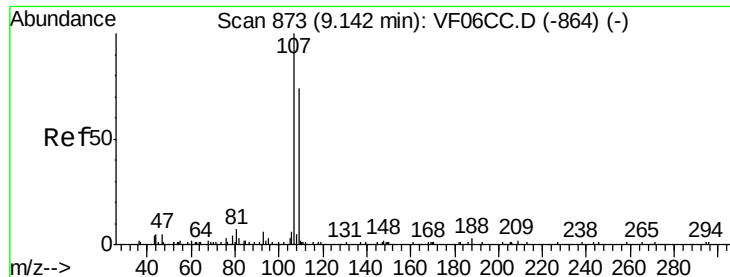
Tot Ion: 43 Resp: 915969
Ion Ratio Lower Upper
43 100
58 60.9 29.3 87.9



#60
Dibromochloromethane
Concen: 59.105 ug/l
RT: 8.87 min Scan# 845
Delta R.T. -0.01 min
Lab File: VF062894.D
Acq: 7 Jun 2019 11:43

Tgt Ion: 129 Resp: 403931
Ion Ratio Lower Upper
129 100
127 75.3 37.1 111.3





#61

1,2-Dibromoethane

Concen: 58.064 ug/l

RT: 9.14 min Scan# 873

Delta R.T. -0.01 min

Lab File: VF062894.D

Acq: 7 Jun 2019 11:43

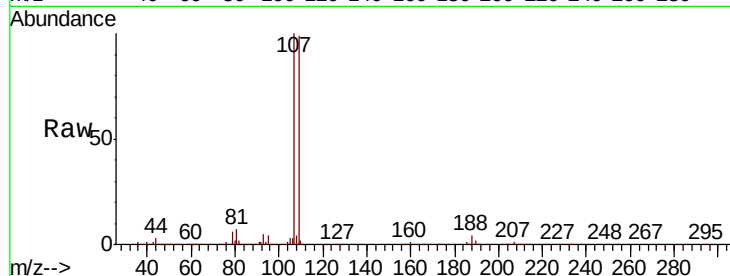
Instrument :
MSVOA_F
ClientSampleId :

Tot Ion:107 Resp: 332874

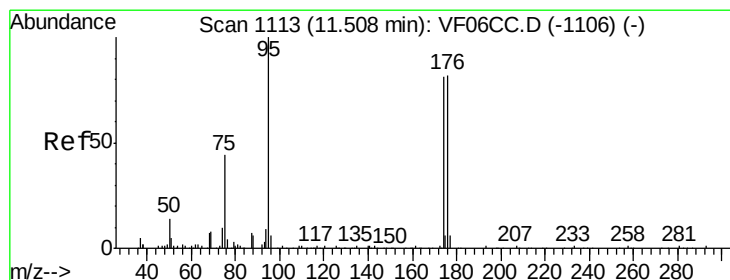
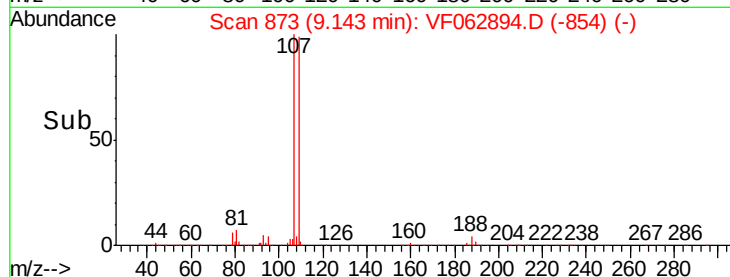
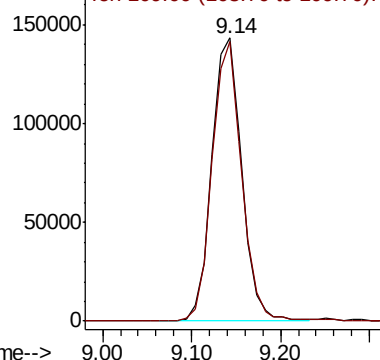
Ion Ratio Lower Upper

107 100

109 98.7 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: 52.187 ug/l

RT: 11.50 min Scan# 1112

Delta R.T. -0.01 min

Lab File: VF062894.D

Acq: 7 Jun 2019 11:43

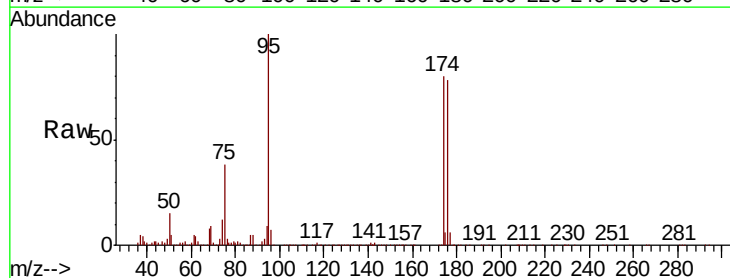
Tgt Ion: 95 Resp: 459296

Ion Ratio Lower Upper

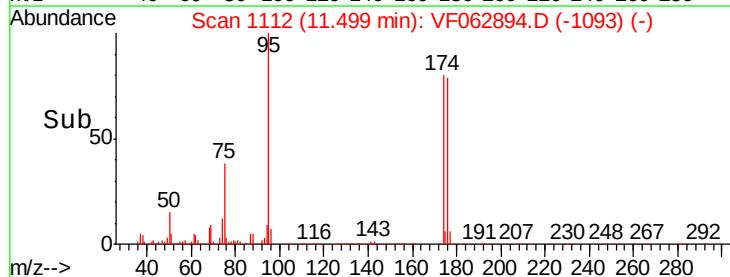
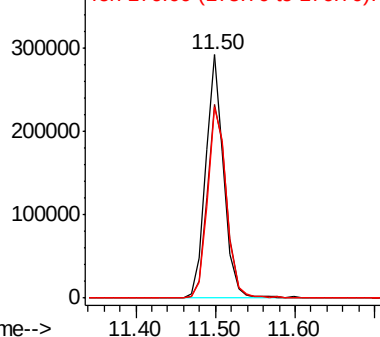
95 100

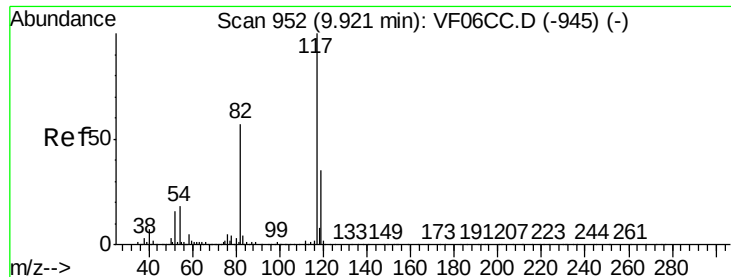
174 79.8 0.0 170.6

176 78.5 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

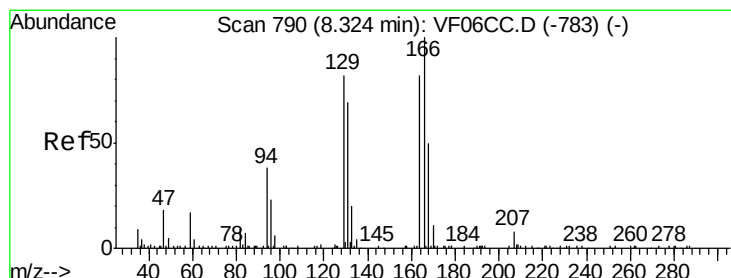
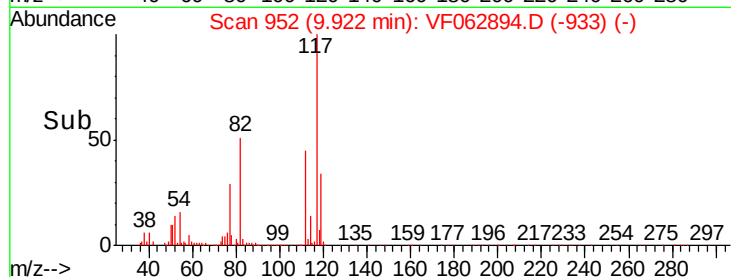
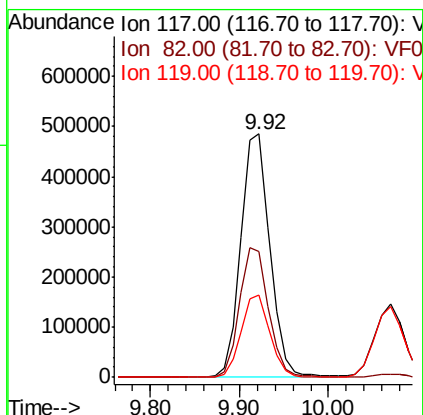
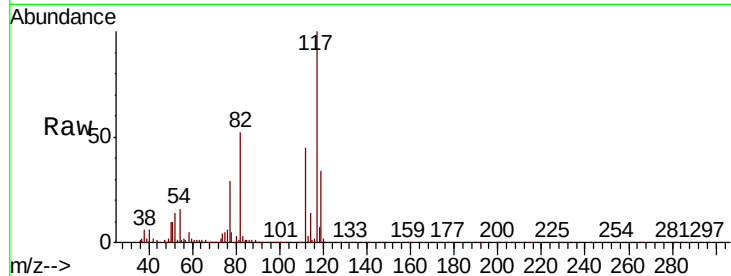




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.92 min Scan# 952
Delta R.T. -0.01 min
Lab File: VF062894.D
Acq: 7 Jun 2019 11:43

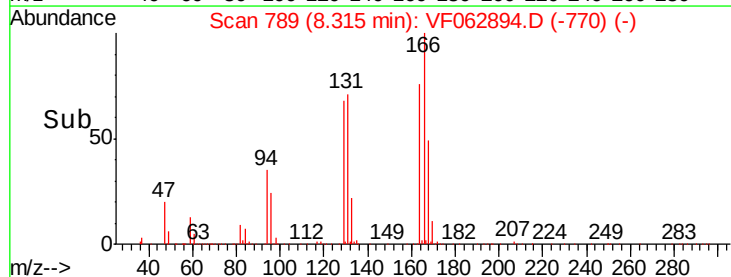
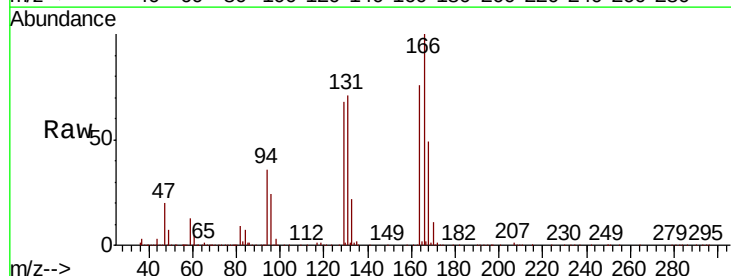
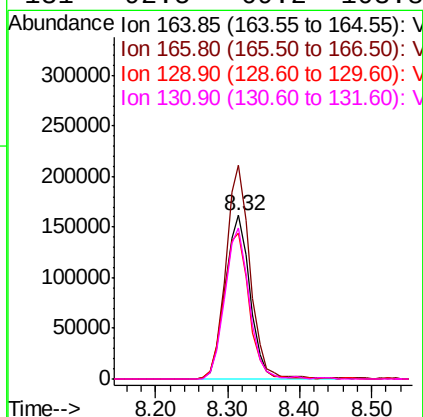
Instrument :
MSVOA_F
ClientSampleId :

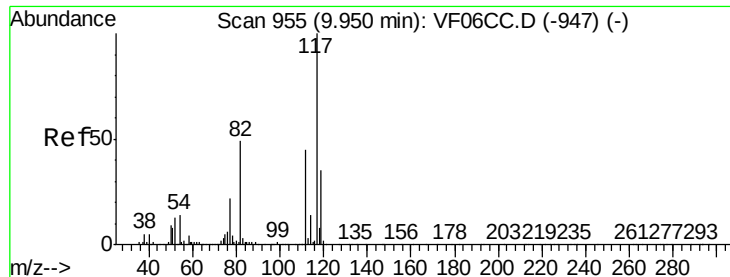
Tot Ion:117 Resp: 1098704
Ion Ratio Lower Upper
117 100
82 51.5 42.4 63.6
119 33.6 27.1 40.7



#64
Tetrachloroethene
Concen: 45.771 ug/l
RT: 8.32 min Scan# 789
Delta R.T. -0.01 min
Lab File: VF062894.D
Acq: 7 Jun 2019 11:43

Tgt Ion:164 Resp: 386436
Ion Ratio Lower Upper
164 100
166 130.7 99.1 148.7
129 89.5 69.5 104.3
131 92.5 69.2 103.8





#65

Chlorobenzene

Concen: 50.825 ug/l

RT: 9.94 min Scan# 954

Delta R.T. -0.01 min

Lab File: VF062894.D

Acq: 7 Jun 2019 11:43

Instrument :

MSVOA_F

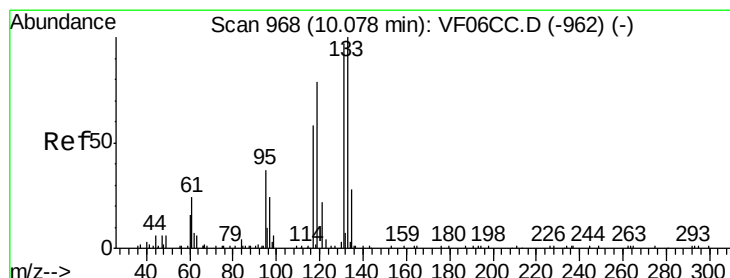
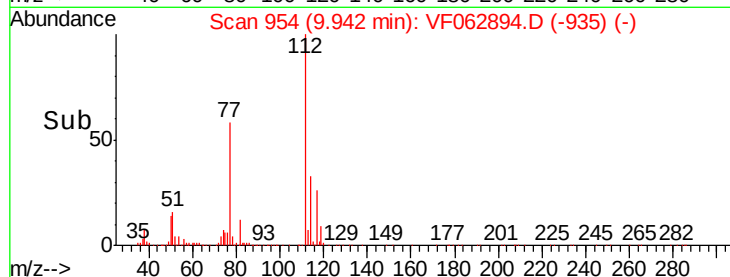
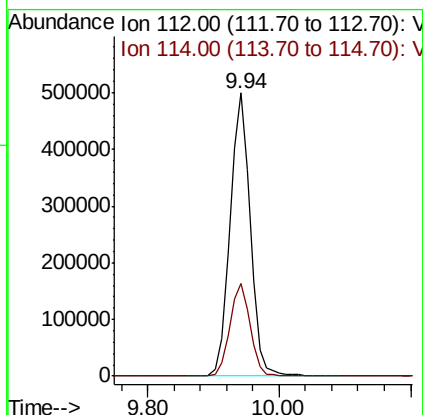
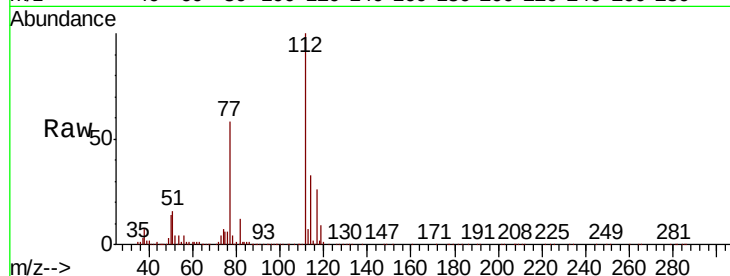
ClientSampleId :

Tot Ion:112 Resp: 1078396

Ion Ratio Lower Upper

112 100

114 32.9 27.4 41.0



#66

1,1,1,2-Tetrachloroethane

Concen: 49.843 ug/l

RT: 10.07 min Scan# 967

Delta R.T. -0.01 min

Lab File: VF062894.D

Acq: 7 Jun 2019 11:43

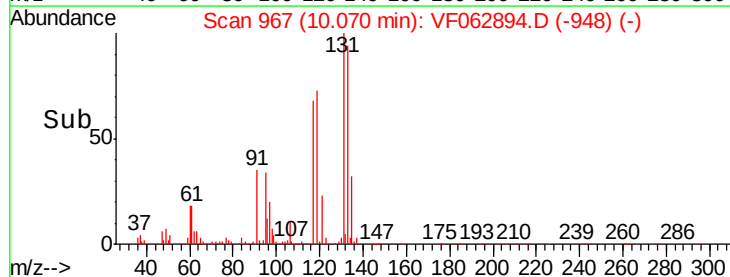
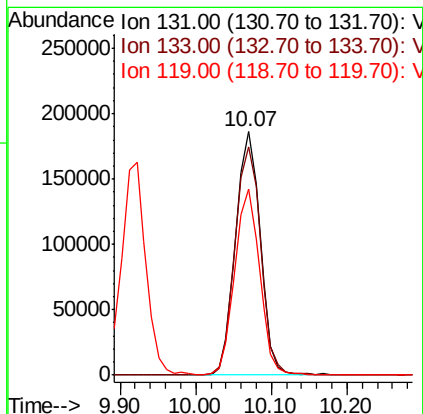
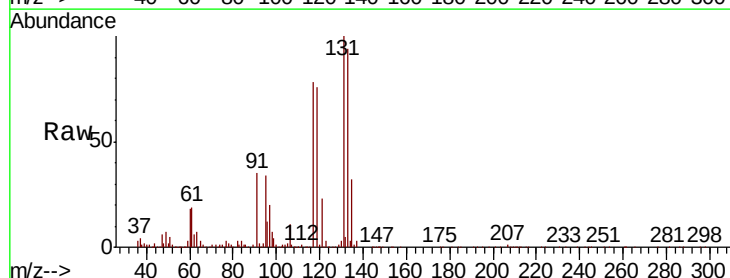
Tgt Ion:131 Resp: 421183

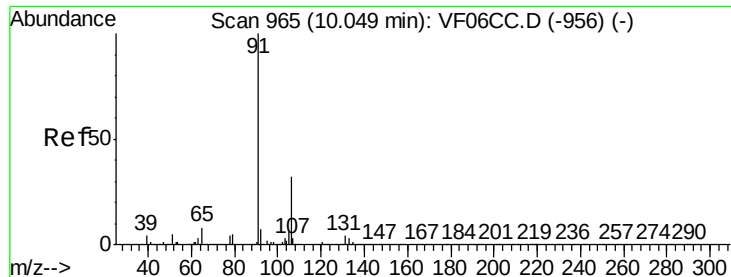
Ion Ratio Lower Upper

131 100

133 94.0 48.9 146.7

119 76.3 38.0 114.0





#67

Ethyl Benzene

Concen: 49.300 ug/l

RT: 10.04 min Scan# 964

Delta R.T. -0.01 min

Lab File: VF062894.D

Acq: 7 Jun 2019 11:43

Instrument :

MSVOA_F

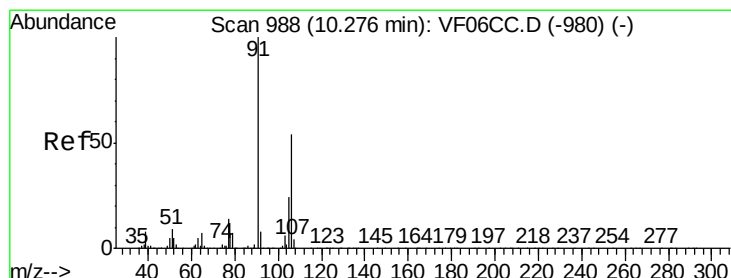
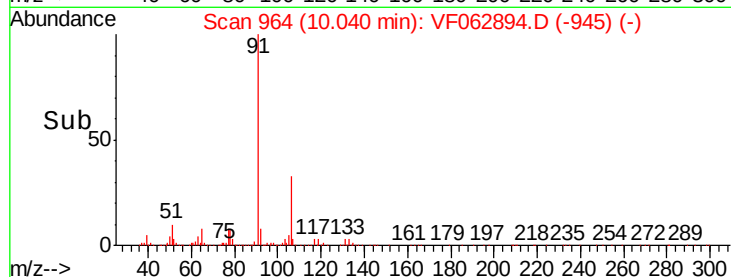
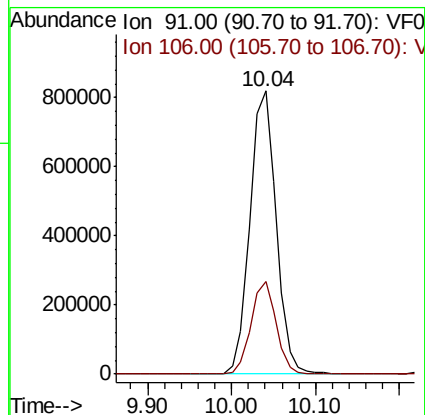
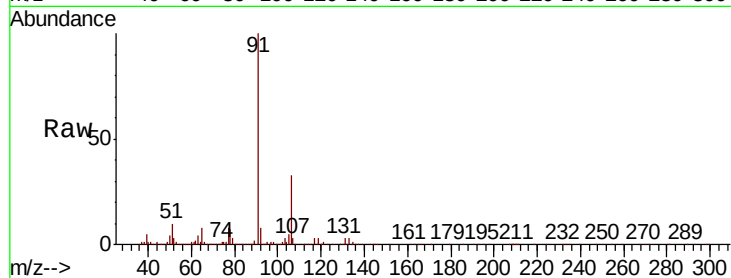
ClientSampleId :

Tot Ion: 91 Resp: 1795040

Ion Ratio Lower Upper

91 100

106 32.7 26.0 39.0



#68

m/p-Xylenes

Concen: 96.299 ug/l

RT: 10.27 min Scan# 987

Delta R.T. -0.01 min

Lab File: VF062894.D

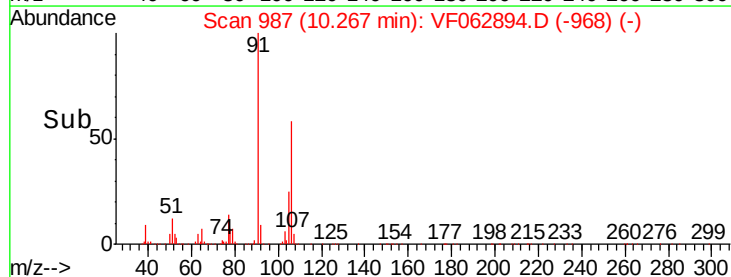
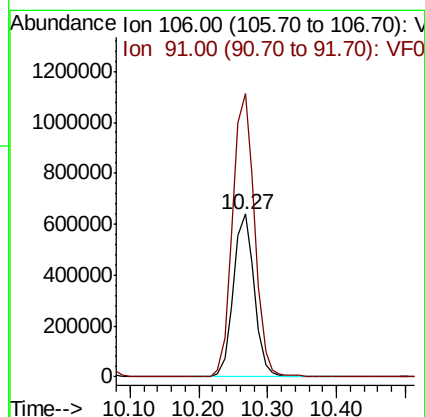
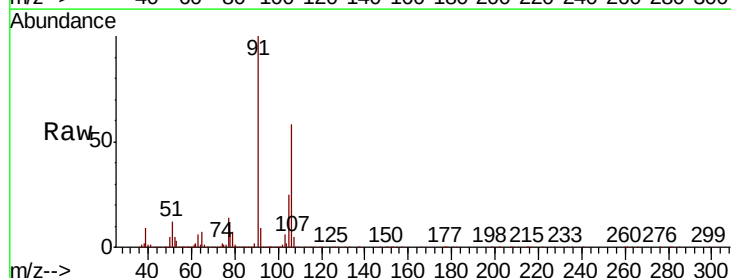
Acq: 7 Jun 2019 11:43

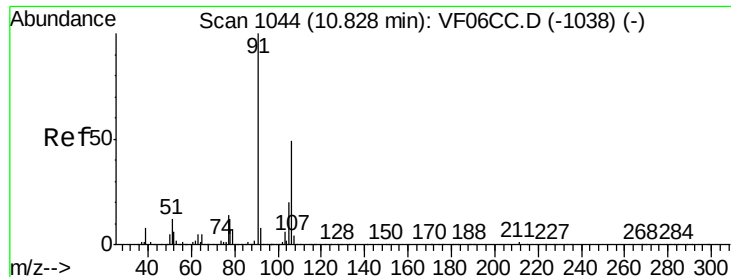
Tgt Ion:106 Resp: 1341736

Ion Ratio Lower Upper

106 100

91 173.7 136.2 204.4

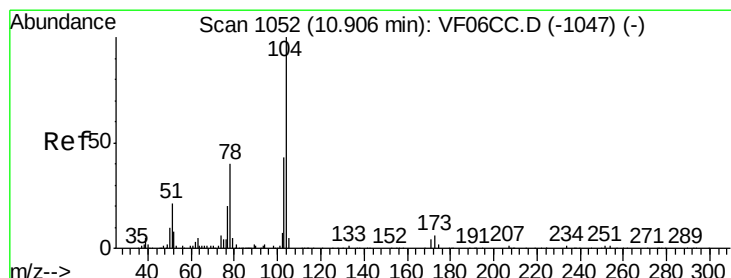
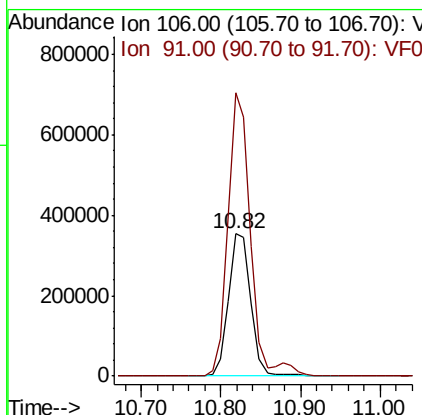
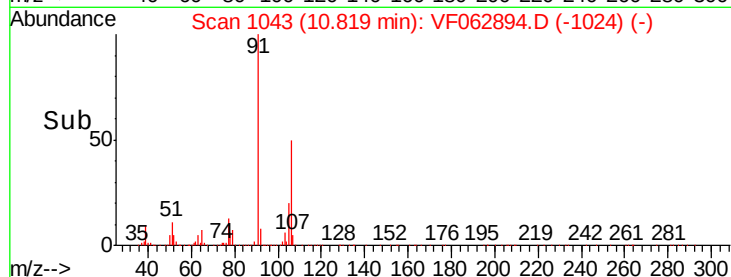
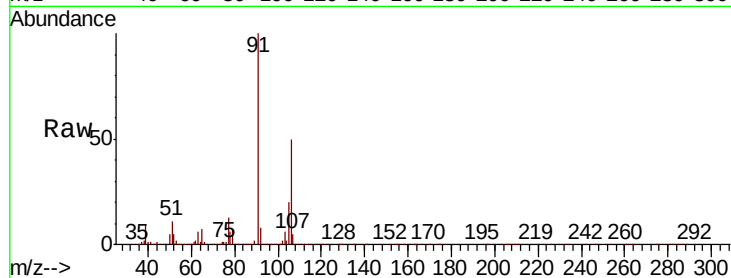




#69
o-Xylene
Concen: 49.419 ug/l
RT: 10.82 min Scan# 1043
Delta R.T. -0.01 min
Lab File: VF062894.D
Acq: 7 Jun 2019 11:43

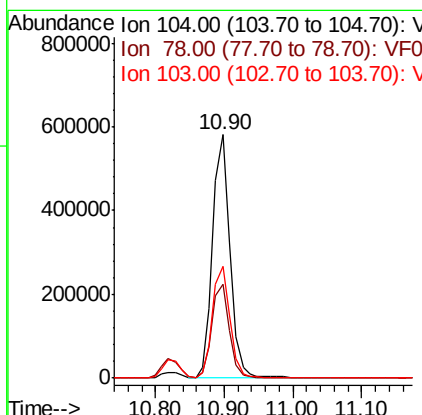
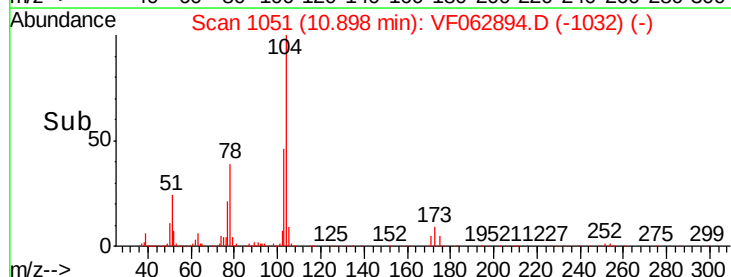
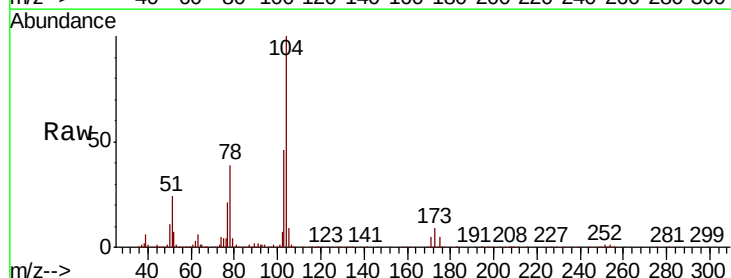
Instrument :
MSVOA_F
ClientSampleId :

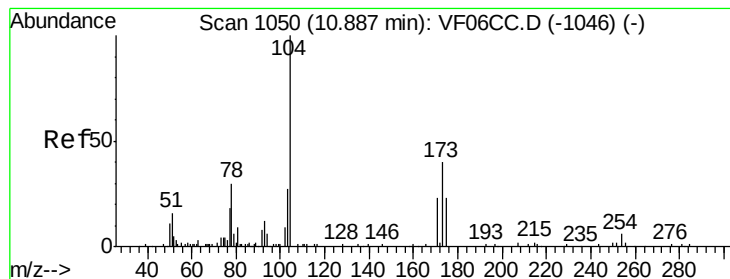
Tot Ion:106 Resp: 697142
Ion Ratio Lower Upper
106 100
91 199.0 96.6 289.8



#70
Styrene
Concen: 49.003 ug/l
RT: 10.90 min Scan# 1051
Delta R.T. -0.01 min
Lab File: VF062894.D
Acq: 7 Jun 2019 11:43

Tgt Ion:104 Resp: 1018889
Ion Ratio Lower Upper
104 100
78 38.6 30.8 46.2
103 46.0 35.8 53.6





#71

Bromoform

Concen: 53.265 ug/l

RT: 10.89 min Scan# 1050

Delta R.T. -0.01 min

Lab File: VF062894.D

Acq: 7 Jun 2019 11:43

Instrument :

MSVOA_F

ClientSampled :

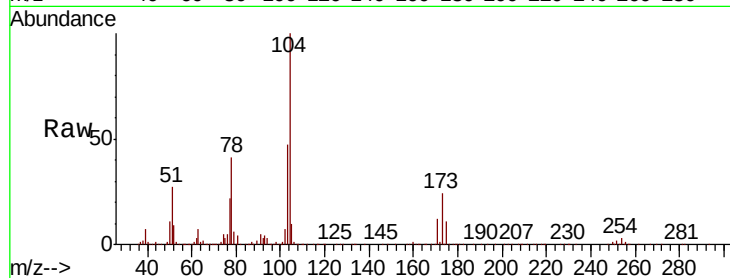
Tot Ion:173 Resp: 215920

Ion Ratio Lower Upper

173 100

175 47.5 24.6 74.0

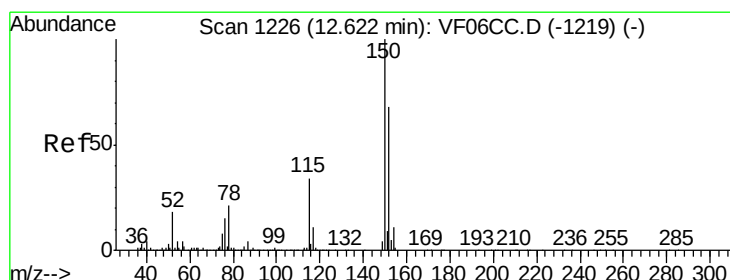
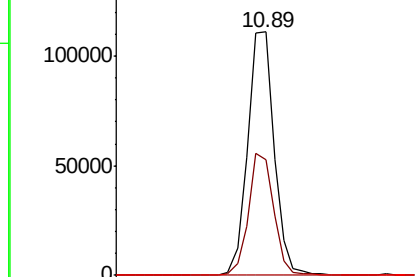
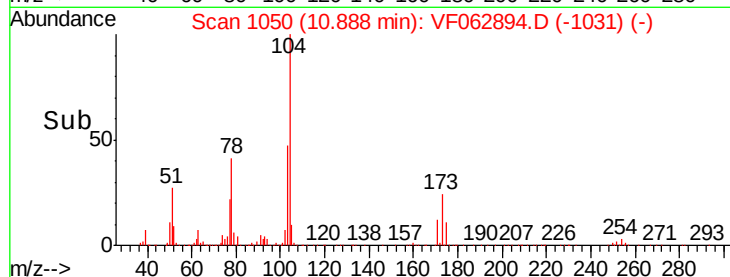
254 0.0 0.1 0.1#



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: 12.61 min Scan# 1225

Delta R.T. -0.01 min

Lab File: VF062894.D

Acq: 7 Jun 2019 11:43

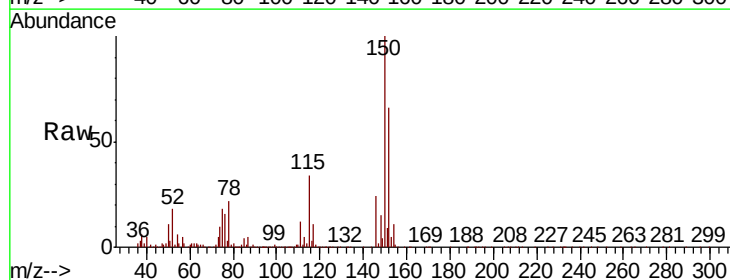
Tgt Ion:152 Resp: 524093

Ion Ratio Lower Upper

152 100

115 51.6 24.6 74.0

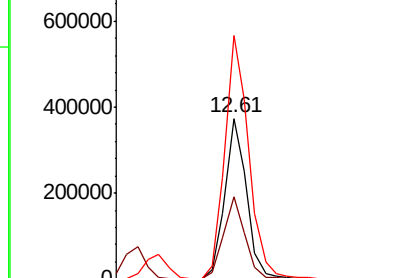
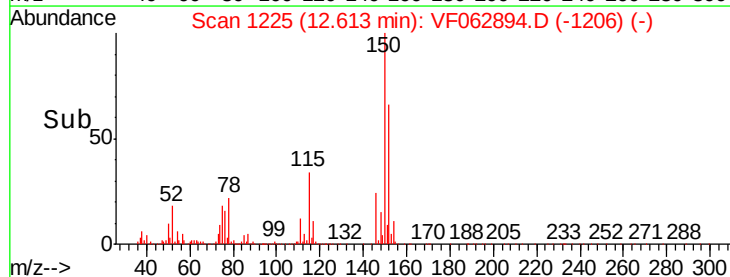
150 151.5 0.0 290.6

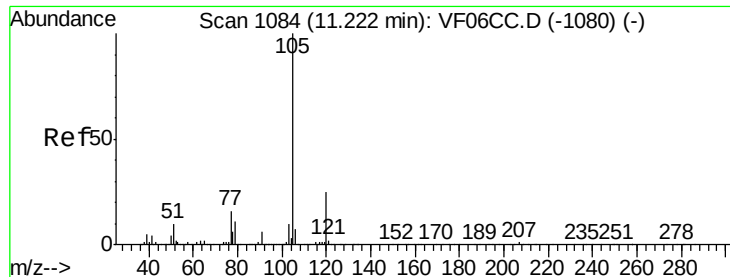


Abundance Ion 152.00 (151.70 to 152.70): V

Ion 115.00 (114.70 to 115.70): V

Ion 150.00 (149.70 to 150.70): V





#73

Isopropylbenzene

Concen: 50.396 ug/l

RT: 11.22 min Scan# 1084

Delta R.T. -0.01 min

Lab File: VF062894.D

Acq: 7 Jun 2019 11:43

Instrument :

MSVOA_F

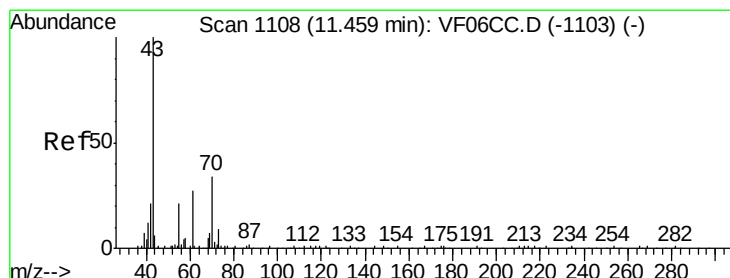
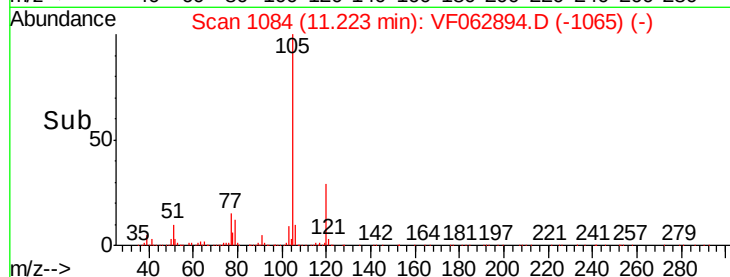
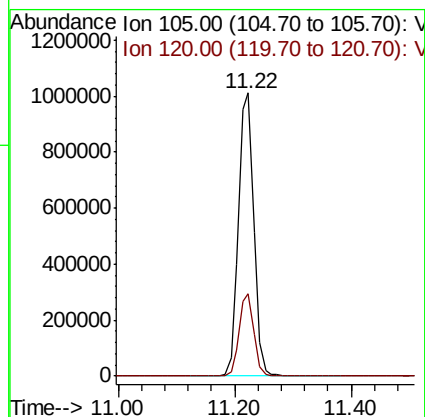
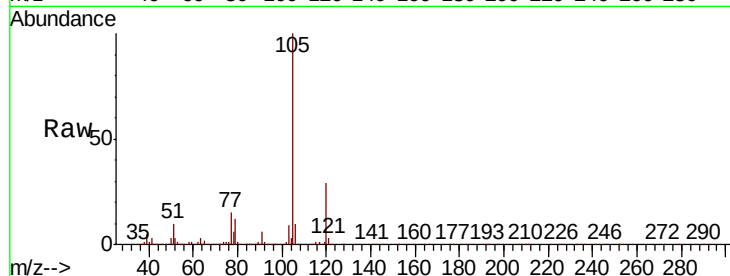
ClientSampleId :

Tot Ion:105 Resp: 1842941

Ion Ratio Lower Upper

105 100

120 29.3 15.1 45.3



#74

N-ethyl acetate

Concen: 54.417 ug/l

RT: 11.45 min Scan# 1107

Delta R.T. -0.01 min

Lab File: VF062894.D

Acq: 7 Jun 2019 11:43

Tgt Ion: 43 Resp: 560866

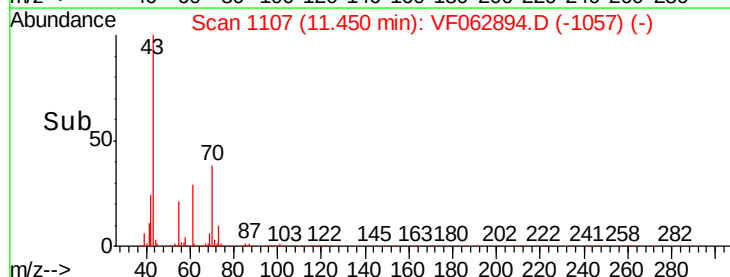
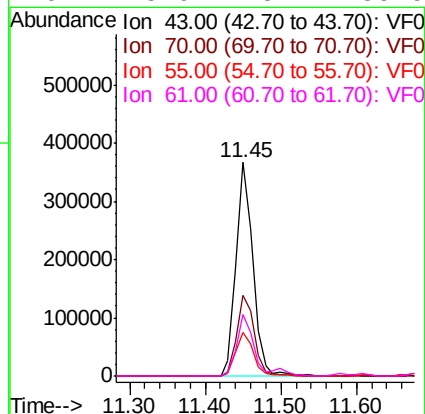
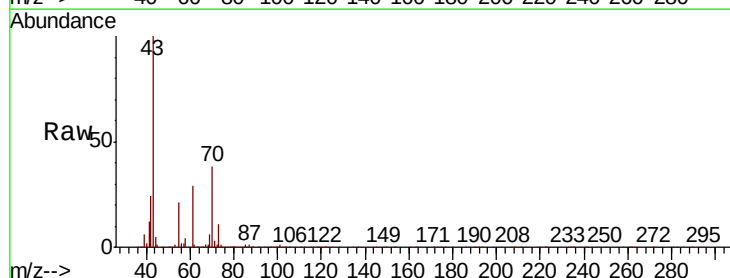
Ion Ratio Lower Upper

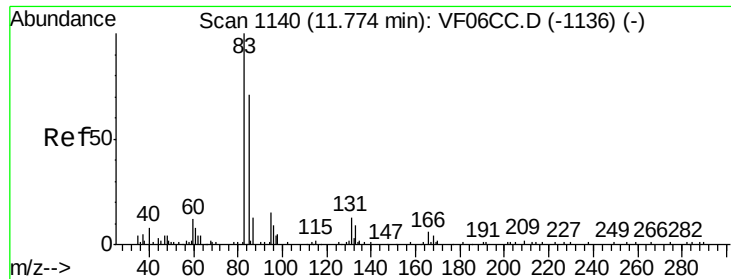
43 100

70 37.9 32.9 49.3

55 20.6 17.3 25.9

61 28.9 23.7 35.5





#75

1,1,2,2-Tetrachloroethane

Concen: 53.094 ug/l

RT: 11.78 min Scan# 1140

Delta R.T. -0.01 min

Lab File: VF062894.D

Acq: 7 Jun 2019 11:43

Instrument :

MSVOA_F

ClientSampleId :

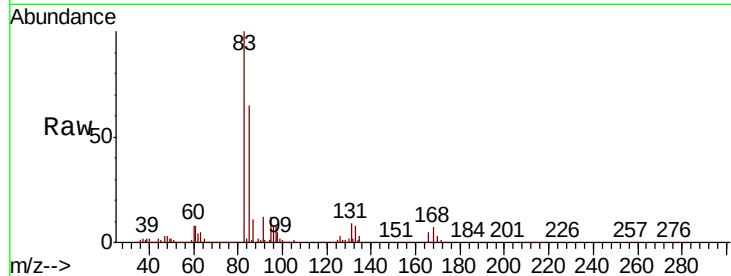
Tot Ion: 83 Resp: 414632

Ion Ratio Lower Upper

83 100

131 8.7 4.9 14.7

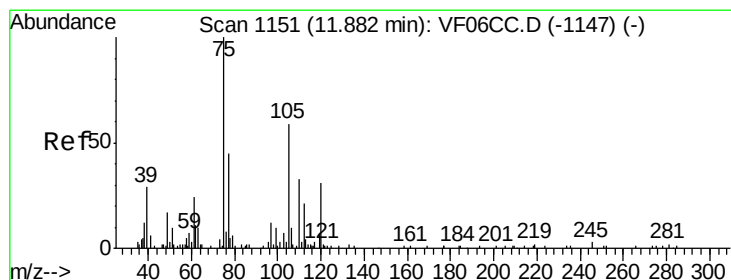
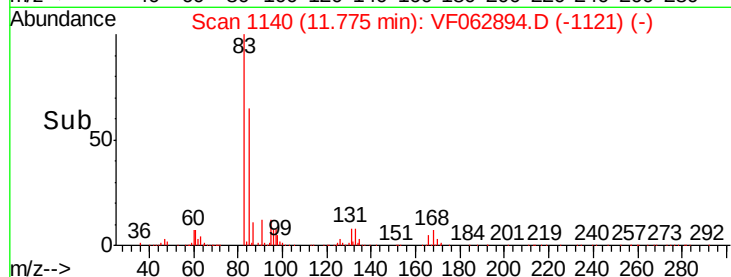
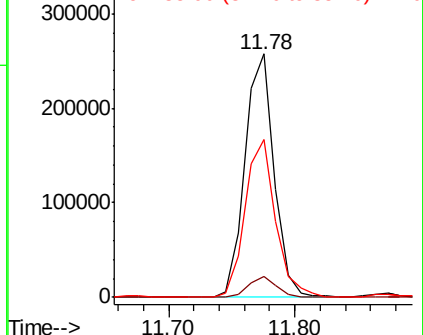
85 64.7 32.1 96.5



Abundance Ion 83.00 (82.70 to 83.70): VF0

Ion 131.00 (130.70 to 131.70): V

Ion 85.00 (84.70 to 85.70): VF0



#76

1,2,3-Trichloropropane

Concen: 51.079 ug/l

RT: 11.87 min Scan# 1150

Delta R.T. -0.01 min

Lab File: VF062894.D

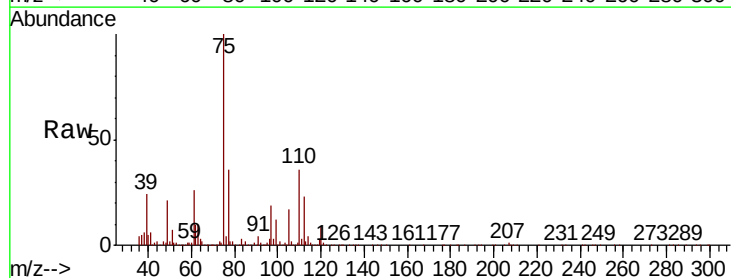
Acq: 7 Jun 2019 11:43

Tgt Ion: 75 Resp: 264414

Ion Ratio Lower Upper

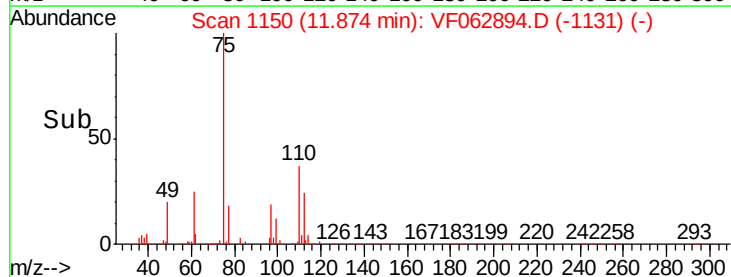
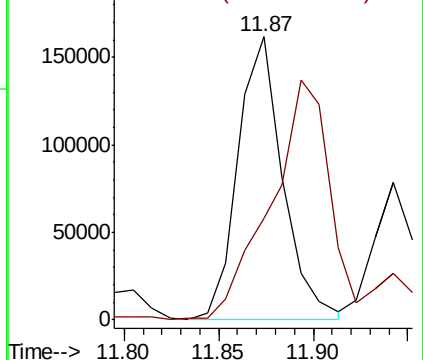
75 100

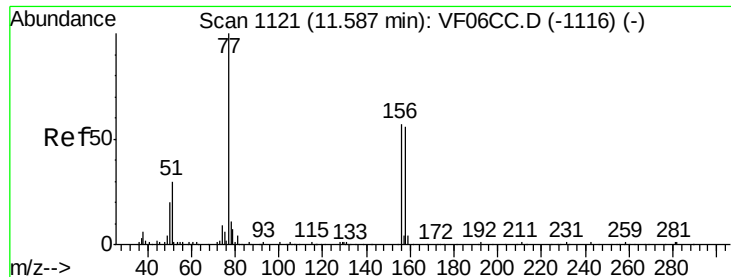
77 36.0 20.1 60.2



Abundance Ion 75.00 (74.70 to 75.70): VF0

Ion 77.00 (76.70 to 77.70): VF0





#77

Bromobenzene

Concen: 49.106 ug/l

RT: 11.59 min Scan# 1121

Delta R.T. -0.01 min

Lab File: VF062894.D

Acq: 7 Jun 2019 11:43

Instrument :

MSVOA_F

ClientSampleId :

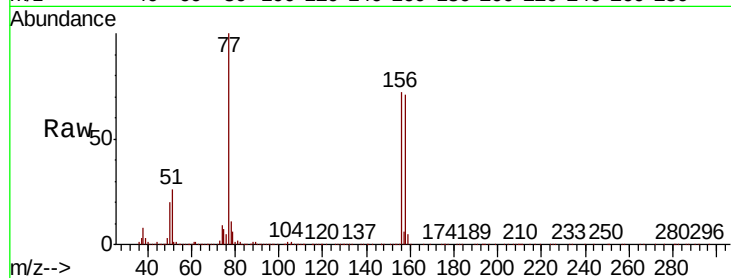
Tot Ion:156 Resp: 451200

Ion Ratio Lower Upper

156 100

77 138.3 64.2 192.6

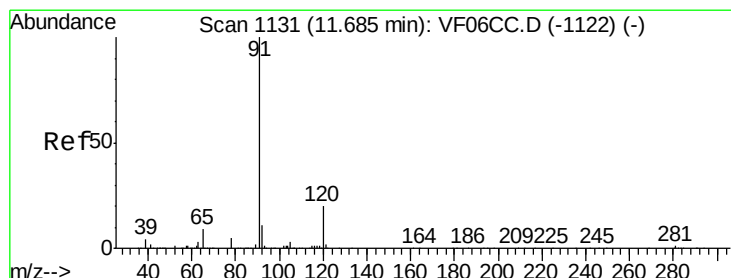
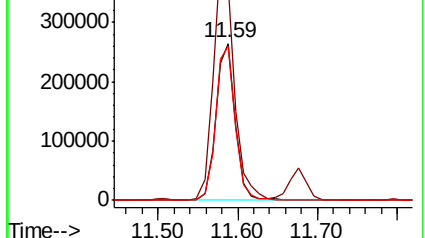
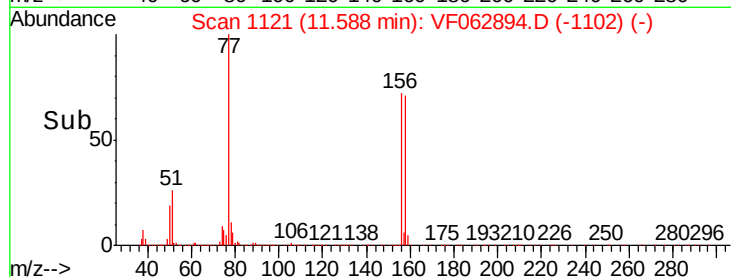
158 98.4 50.3 151.0



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: 49.455 ug/l

RT: 11.68 min Scan# 1130

Delta R.T. -0.01 min

Lab File: VF062894.D

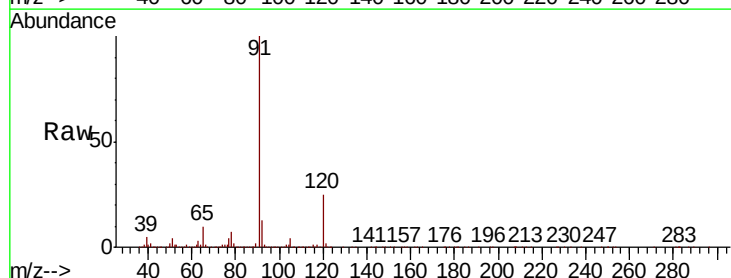
Acq: 7 Jun 2019 11:43

Tgt Ion: 91 Resp: 2183650

Ion Ratio Lower Upper

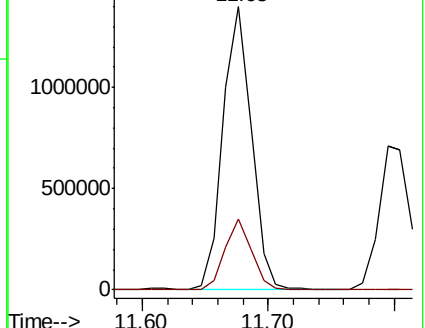
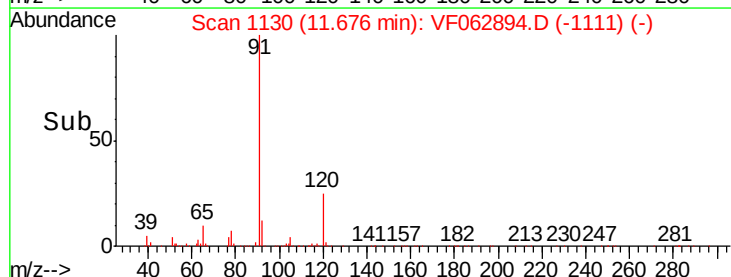
91 100

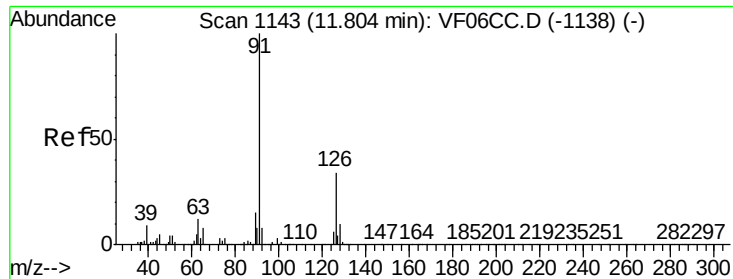
120 24.9 12.8 38.4



Abundance Ion 91.00 (90.70 to 91.70): VF0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 47.821 ug/l

RT: 11.79 min Scan# 1142

Delta R.T. -0.01 min

Lab File: VF062894.D

Acq: 7 Jun 2019 11:43

Instrument :

MSVOA_F

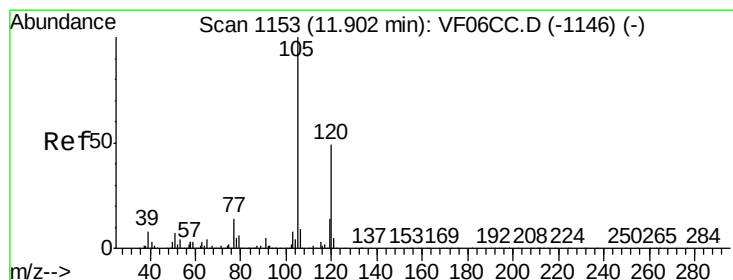
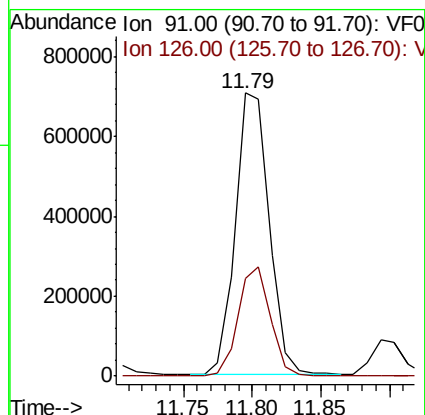
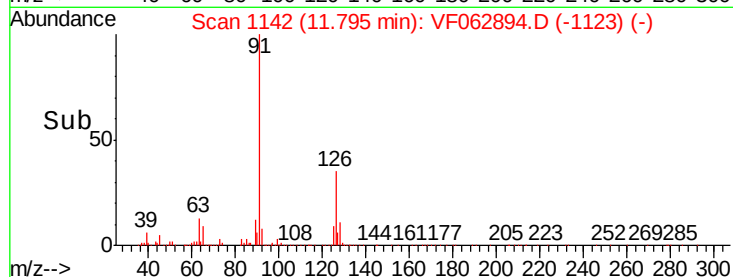
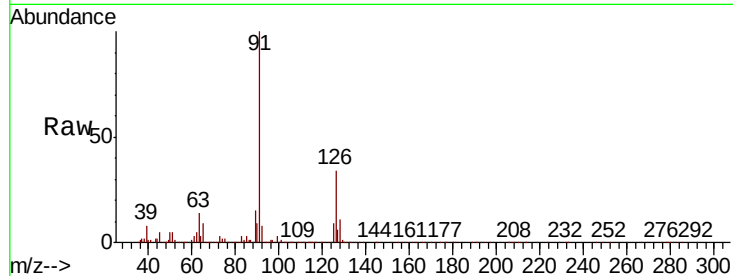
ClientSampleId :

Tot Ion: 91 Resp: 1208188

Ion Ratio Lower Upper

91 100

126 34.5 17.8 53.3



#80

1,3,5-Trimethylbenzene

Concen: 49.701 ug/l

RT: 11.90 min Scan# 1153

Delta R.T. -0.00 min

Lab File: VF062894.D

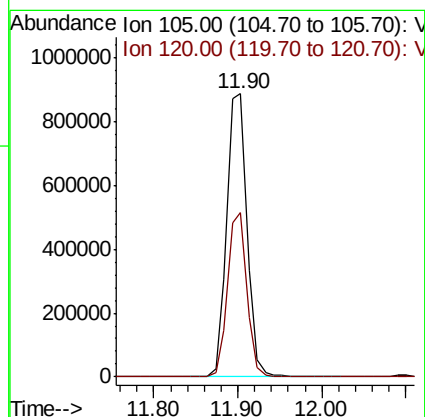
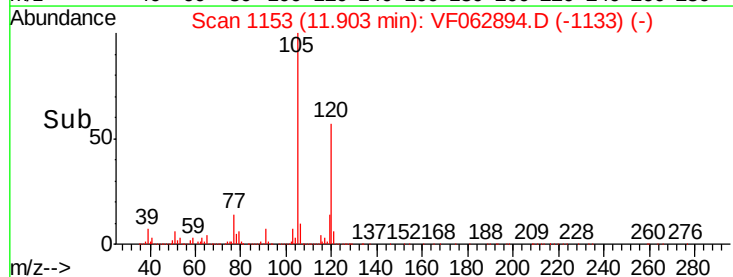
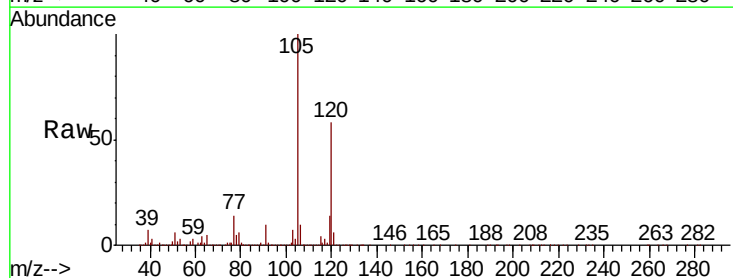
Acq: 7 Jun 2019 11:43

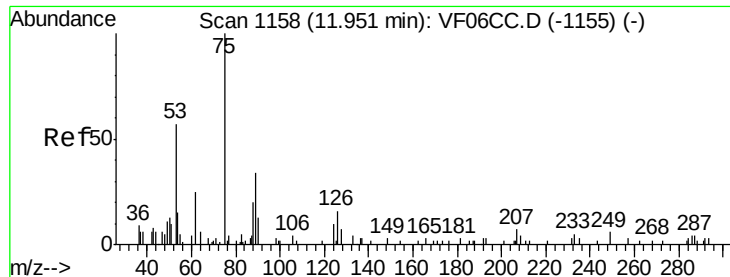
Tgt Ion:105 Resp: 1486354

Ion Ratio Lower Upper

105 100

120 58.1 28.7 86.1





#81

trans-1,4-Dichloro-2-butene

Concen: 68.790 ug/l

RT: 11.94 min Scan# 1157

Delta R.T. -0.01 min

Lab File: VF062894.D

Acq: 7 Jun 2019 11:43

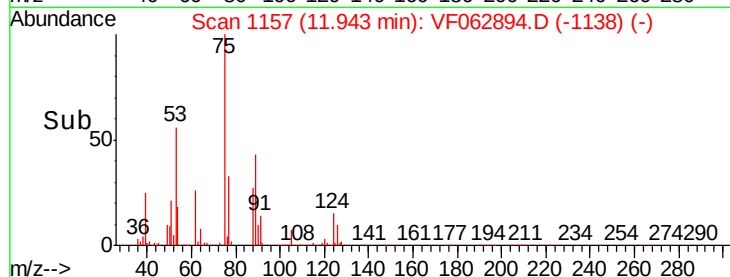
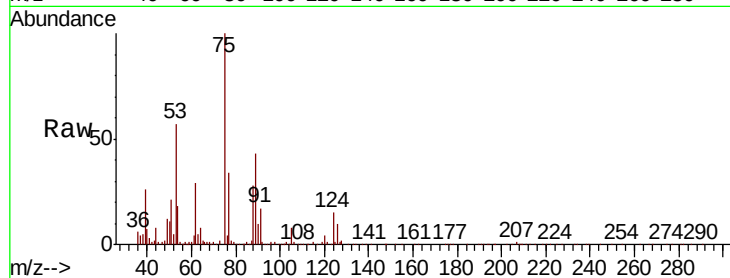
Instrument :

MSVOA_F

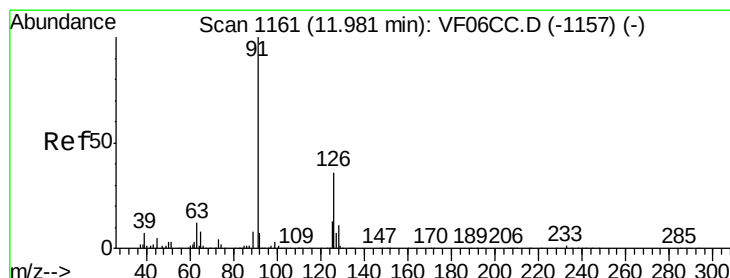
ClientSampleId :

Tot Ion: 75 Resp: 150759

Ion	Ratio	Lower	Upper
75	100		
53	56.6	43.5	65.3
89	42.9	34.3	51.5



Time-->



#82

4-Chlorotoluene

Concen: 49.199 ug/l

RT: 11.97 min Scan# 1160

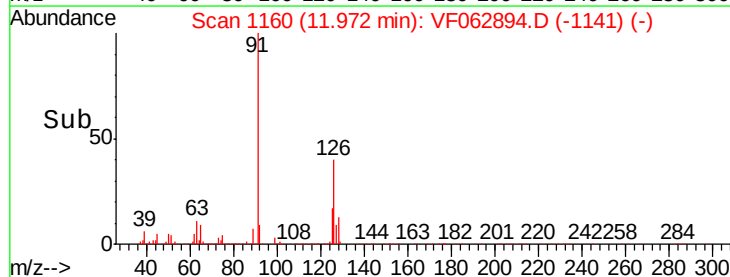
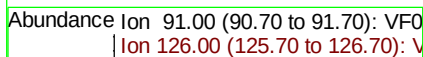
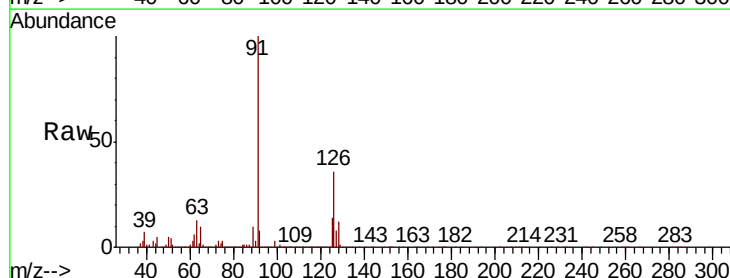
Delta R.T. -0.01 min

Lab File: VF062894.D

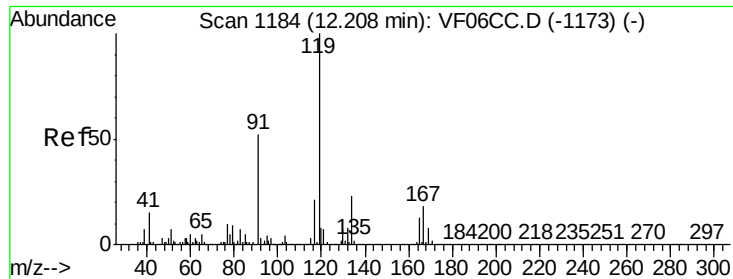
Acq: 7 Jun 2019 11:43

Tgt Ion: 91 Resp: 1221570

Ion	Ratio	Lower	Upper
91	100		
126	36.4	19.1	57.1



Time-->



#83

tert-Butylbenzene

Concen: 51.999 ug/l

RT: 12.20 min Scan# 1183

Delta R.T. -0.01 min

Lab File: VF062894.D

Acq: 7 Jun 2019 11:43

Instrument :

MSVOA_F

ClientSampleId :

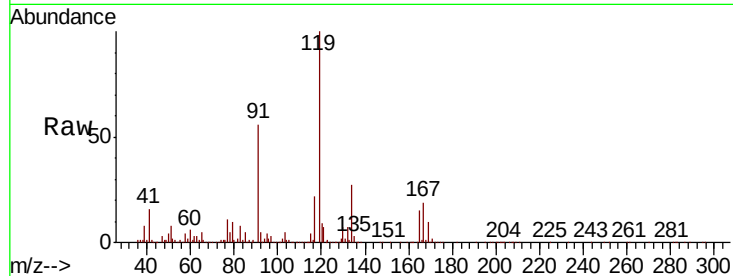
Tot Ion:119 Resp: 1540871

Ion Ratio Lower Upper

119 100

91 55.6 28.9 86.7

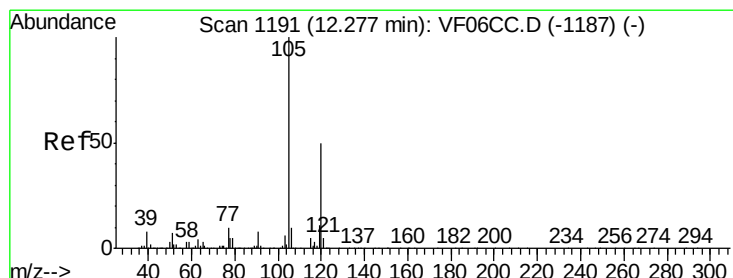
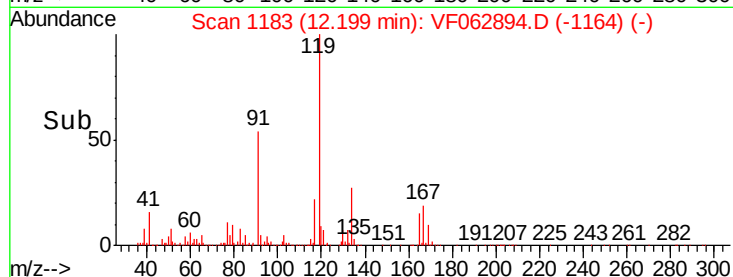
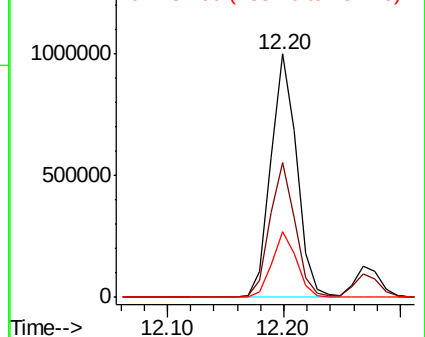
134 27.2 14.3 42.9



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VF0

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 50.285 ug/l

RT: 12.27 min Scan# 1190

Delta R.T. -0.01 min

Lab File: VF062894.D

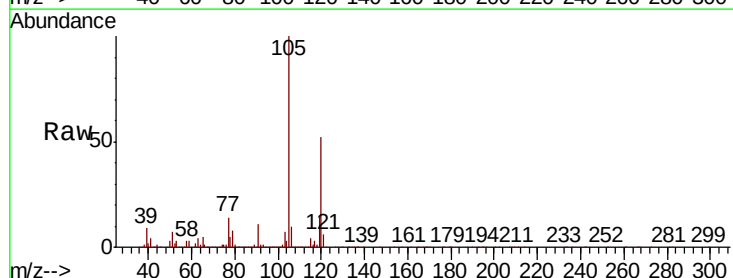
Acq: 7 Jun 2019 11:43

Tgt Ion:105 Resp: 1425802

Ion Ratio Lower Upper

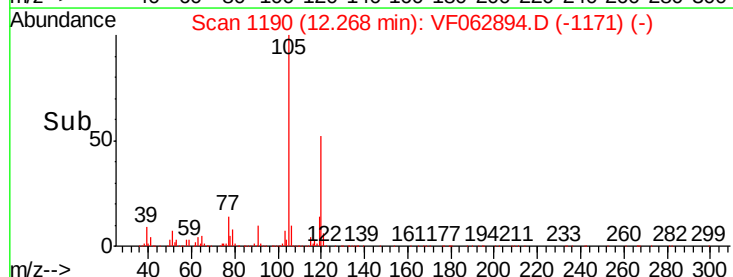
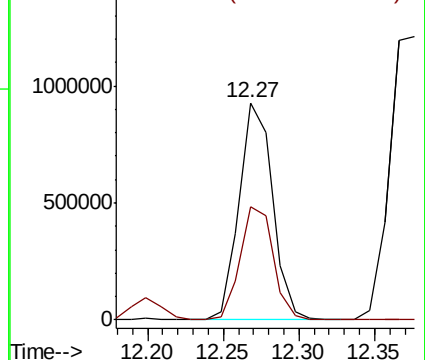
105 100

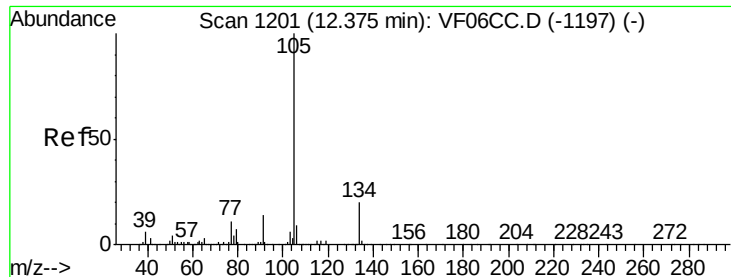
120 52.1 27.1 81.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 51.412 ug/l

RT: 12.38 min Scan# 1201

Delta R.T. -0.00 min

Lab File: VF062894.D

Acq: 7 Jun 2019 11:43

Instrument :

MSVOA_F

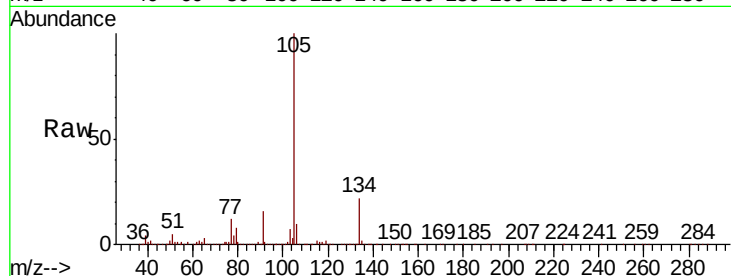
ClientSampleId :

Tot Ion:105 Resp: 2007495

Ion Ratio Lower Upper

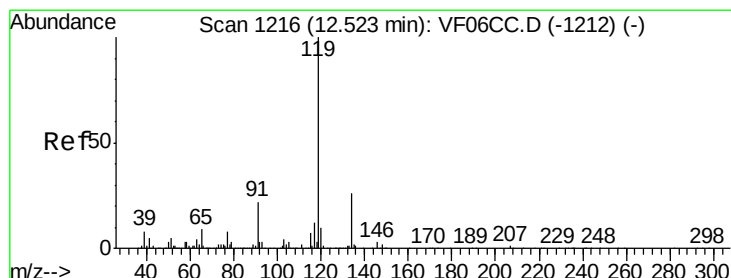
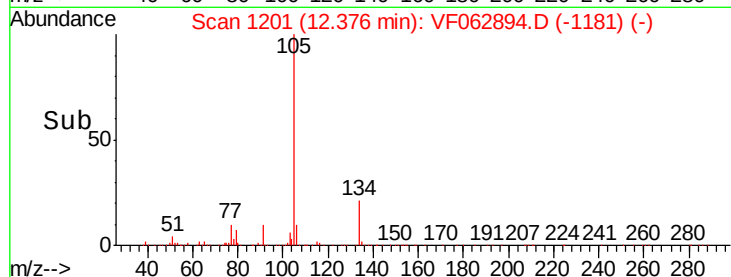
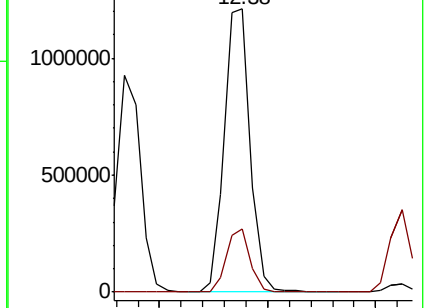
105 100

134 22.2 10.5 31.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 50.583 ug/l

RT: 12.52 min Scan# 1216

Delta R.T. -0.01 min

Lab File: VF062894.D

Acq: 7 Jun 2019 11:43

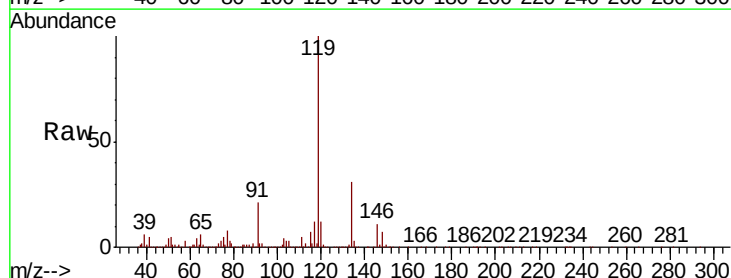
Tgt Ion:119 Resp: 1644009

Ion Ratio Lower Upper

119 100

134 30.6 15.5 46.5

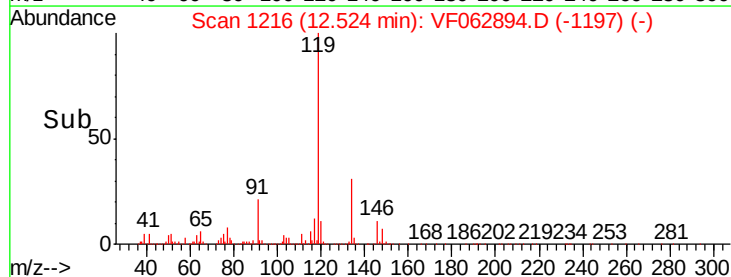
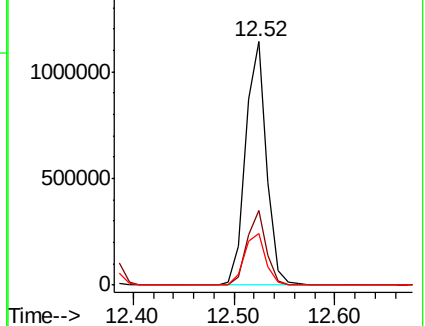
91 21.3 10.3 30.9

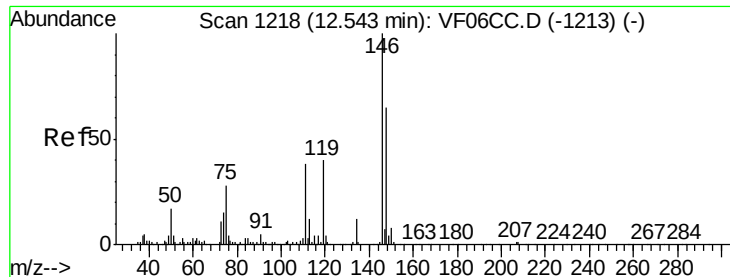


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VF0





#87

1,3-Dichlorobenzene

Concen: 50.066 ug/l

RT: 12.54 min Scan# 1218

Delta R.T. -0.00 min

Lab File: VF062894.D

Acq: 7 Jun 2019 11:43

Instrument :

MSVOA_F

ClientSampleId :

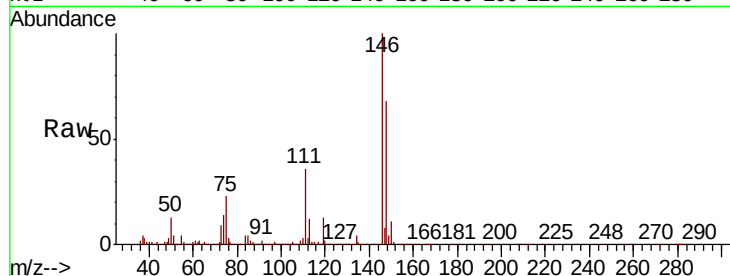
Tot Ion:146 Resp: 811301

Ion Ratio Lower Upper

146 100

111 36.2 19.6 58.8

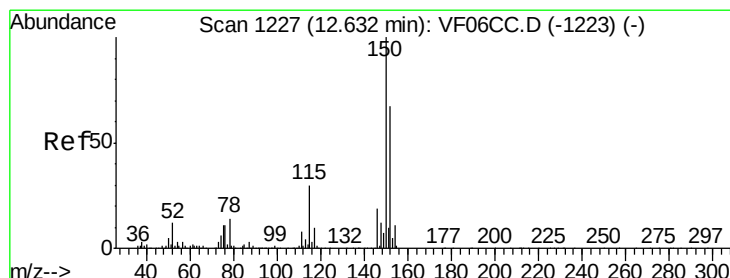
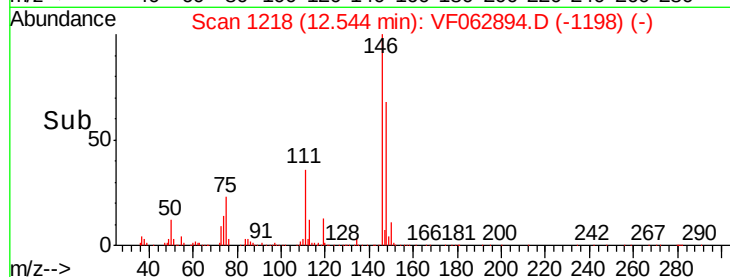
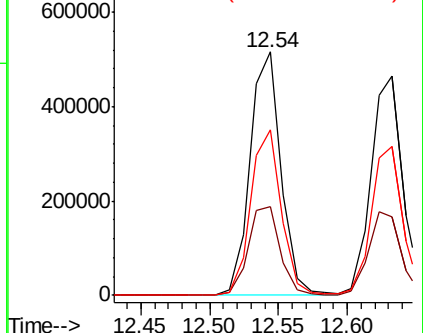
148 68.2 34.2 102.5



Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V



#88

1,4-Dichlorobenzene

Concen: 49.081 ug/l

RT: 12.63 min Scan# 1227

Delta R.T. -0.00 min

Lab File: VF062894.D

Acq: 7 Jun 2019 11:43

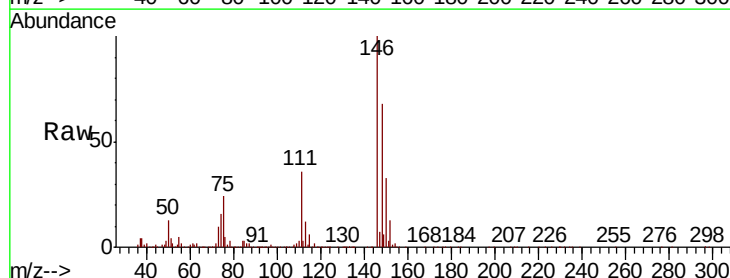
Tgt Ion:146 Resp: 742244

Ion Ratio Lower Upper

146 100

111 35.9 20.3 60.9

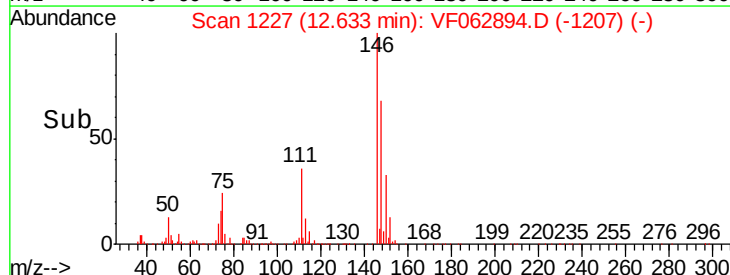
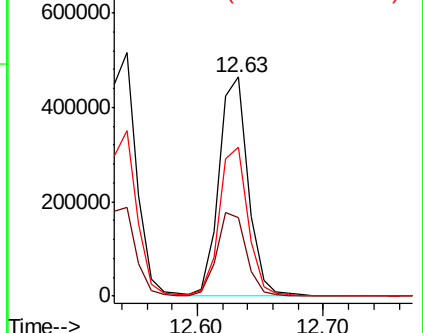
148 67.9 34.0 101.8

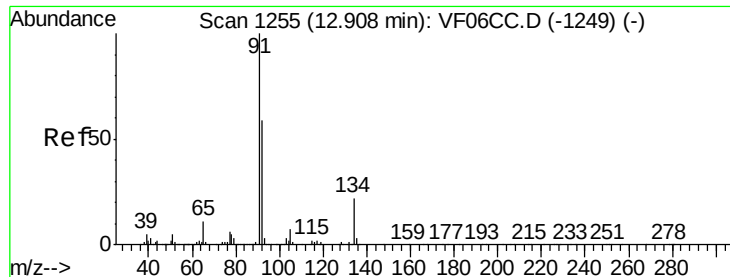


Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V

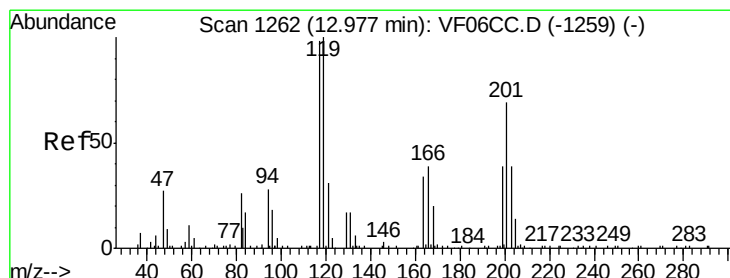
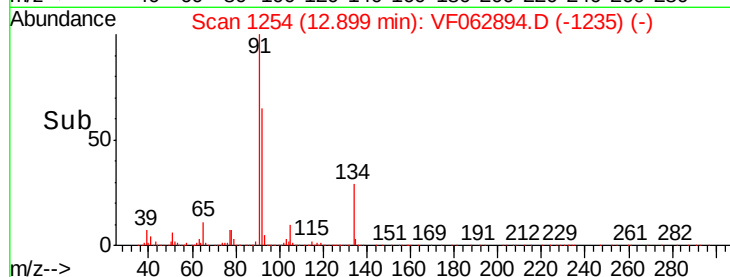
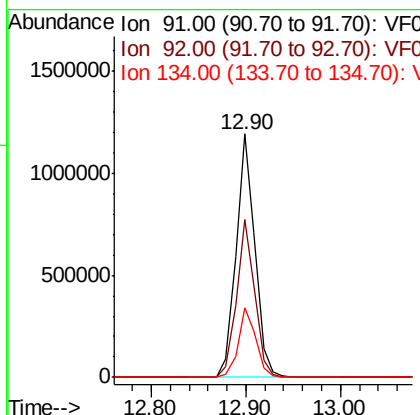
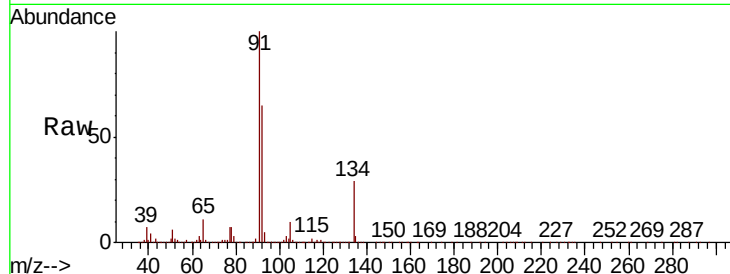




#89
n-Butylbenzene
Concen: 49.910 ug/l
RT: 12.90 min Scan# 1254
Delta R.T. -0.01 min
Lab File: VF062894.D
Acq: 7 Jun 2019 11:43

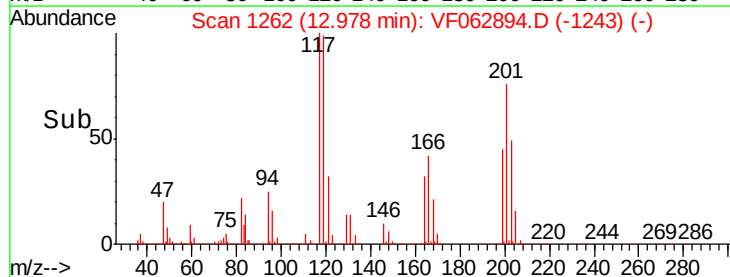
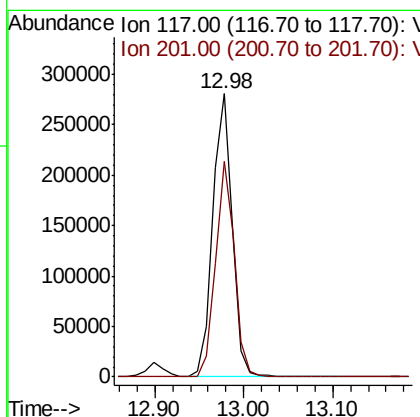
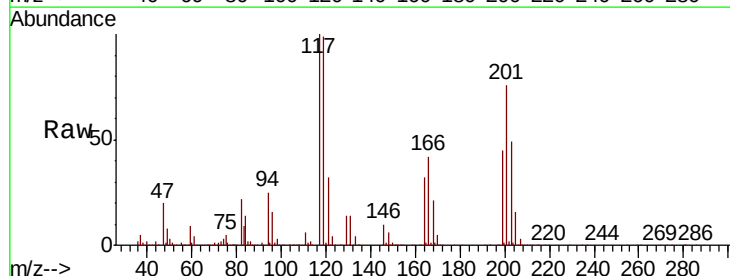
Instrument :
MSVOA_F
ClientSampled :

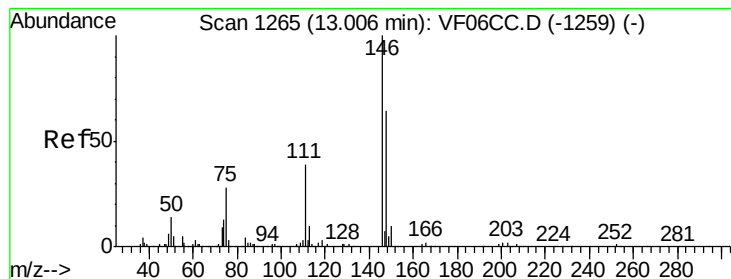
Tot Ion: 91 Resp: 1631742
Ion Ratio Lower Upper
91 100
92 65.0 34.2 102.6
134 28.7 15.8 47.3



#90
Hexachloroethane
Concen: 53.219 ug/l
RT: 12.98 min Scan# 1262
Delta R.T. -0.01 min
Lab File: VF062894.D
Acq: 7 Jun 2019 11:43

Tgt Ion: 117 Resp: 421865
Ion Ratio Lower Upper
117 100
201 76.0 38.9 116.7





#91

1,2-Dichlorobenzene

Concen: 52.457 ug/l

RT: 13.00 min Scan# 1264

Delta R.T. -0.01 min

Lab File: VF062894.D

Acq: 7 Jun 2019 11:43

Instrument :

MSVOA_F

ClientSampleId :

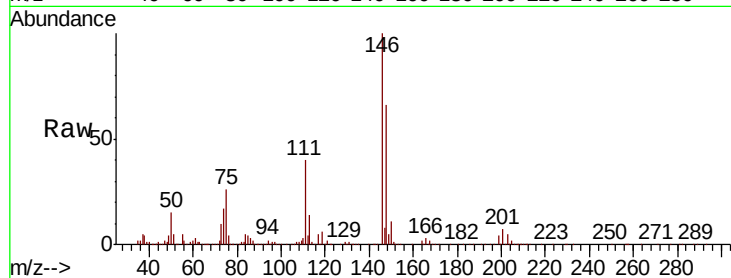
Tot Ion:146 Resp: 747152

Ion Ratio Lower Upper

146 100

111 40.3 20.4 61.3

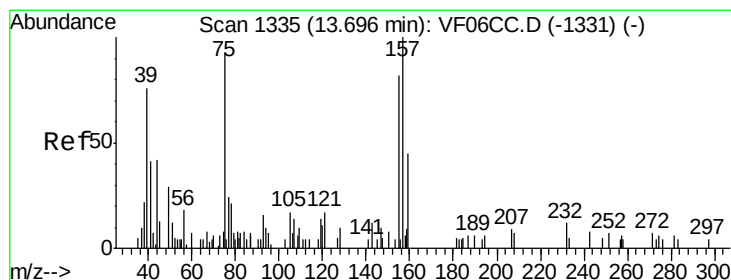
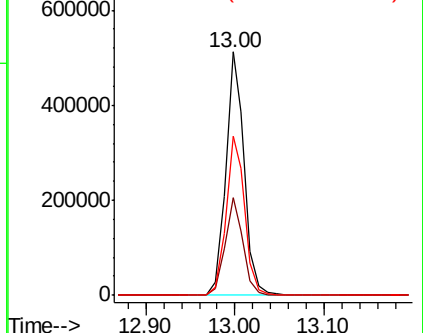
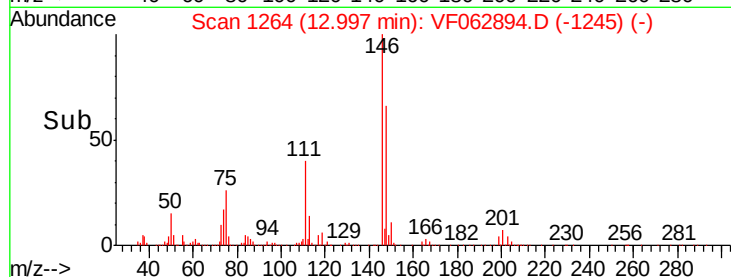
148 65.5 34.1 102.3



Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 60.301 ug/l

RT: 13.69 min Scan# 1334

Delta R.T. -0.01 min

Lab File: VF062894.D

Acq: 7 Jun 2019 11:43

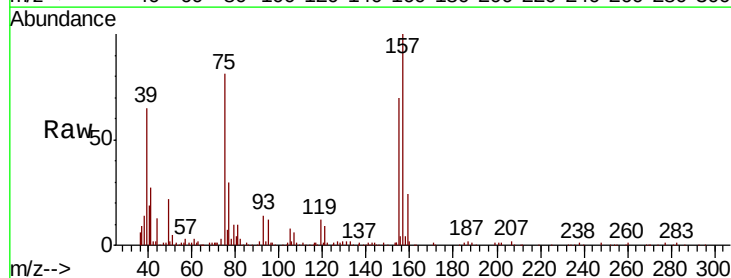
Tgt Ion: 75 Resp: 51305

Ion Ratio Lower Upper

75 100

155 85.5 51.7 155.1

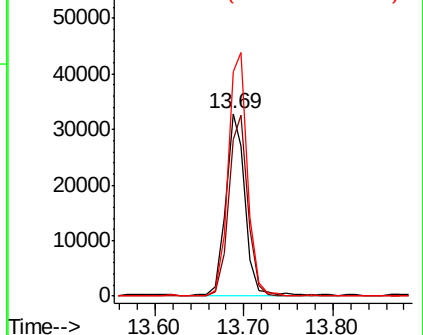
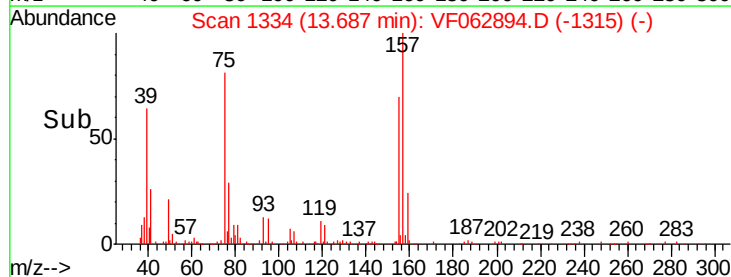
157 122.8 66.8 200.6

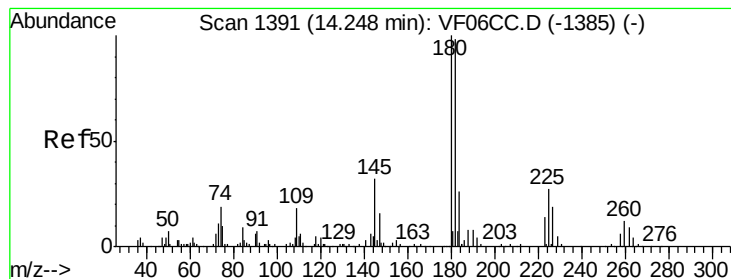


Abundance Ion 75.00 (74.70 to 75.70): VF0

Ion 155.00 (154.70 to 155.70): V

Ion 157.00 (156.70 to 157.70): V





#93

1,2,4-Trichlorobenzene

Concen: 51.986 ug/l

RT: 14.24 min Scan# 1390

Delta R.T. -0.01 min

Lab File: VF062894.D

Acq: 7 Jun 2019 11:43

Instrument :

MSVOA_F

ClientSampleId :

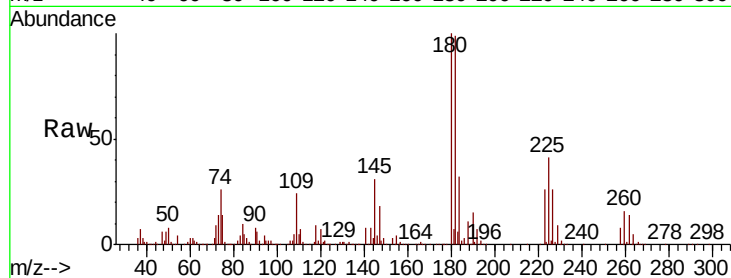
Tot Ion:180 Resp: 508391

Ion Ratio Lower Upper

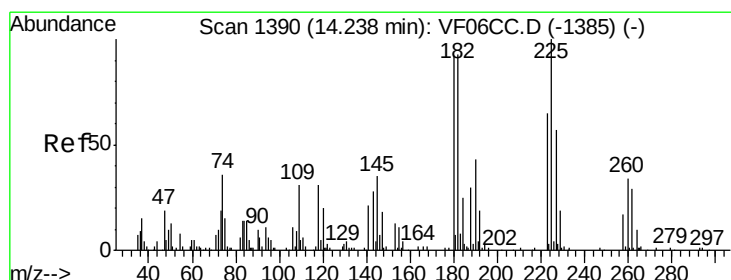
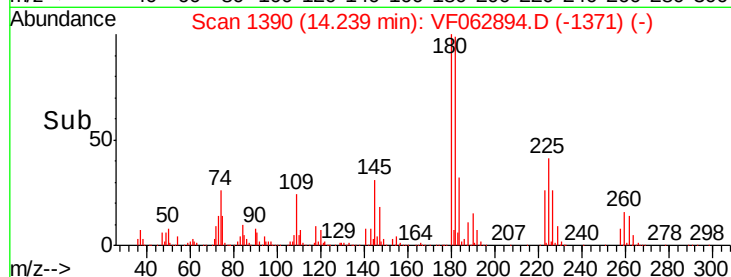
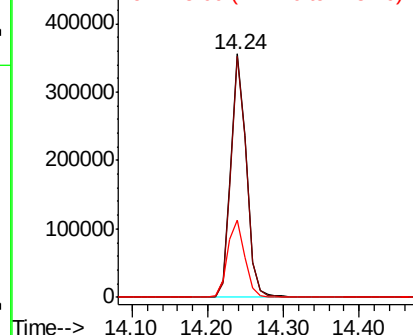
180 100

182 99.2 50.3 150.9

145 31.5 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: 51.188 ug/l

RT: 14.23 min Scan# 1389

Delta R.T. -0.01 min

Lab File: VF062894.D

Acq: 7 Jun 2019 11:43

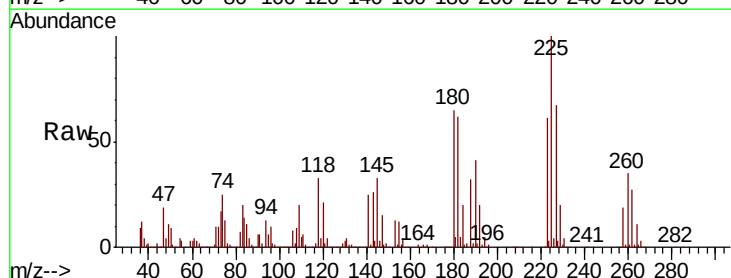
Tgt Ion:225 Resp: 346310

Ion Ratio Lower Upper

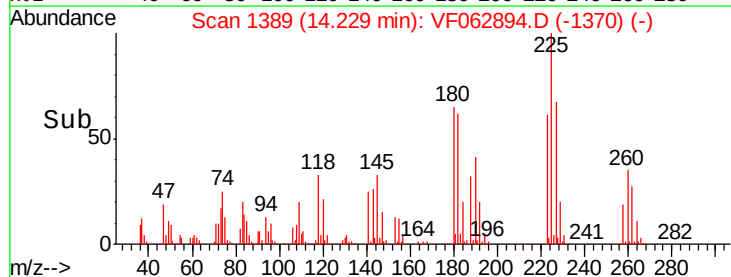
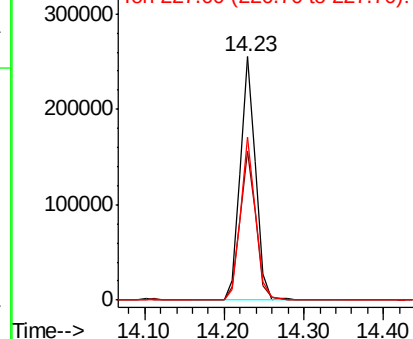
225 100

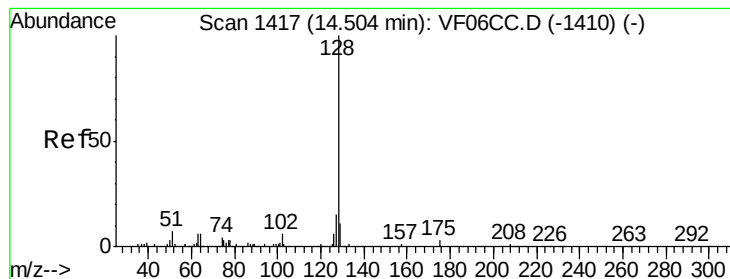
223 61.0 30.8 92.4

227 66.7 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: 57.880 ug/l

RT: 14.50 min Scan# 1416

Delta R.T. -0.01 min

Lab File: VF062894.D

Acq: 7 Jun 2019 11:43

Instrument :

MSVOA_F

ClientSampleId :

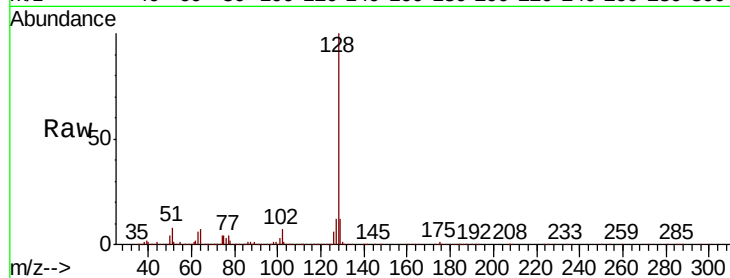
Tot Ion:128 Resp: 927334

Ion Ratio Lower Upper

128 100

127 12.0 9.7 14.5

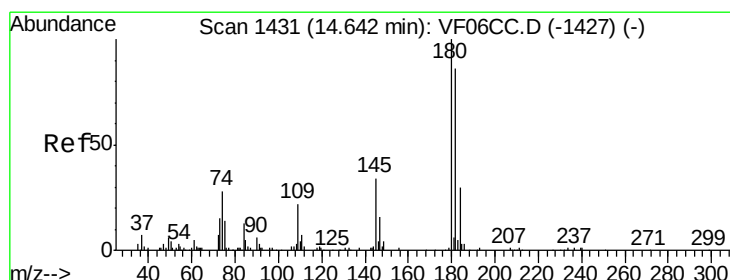
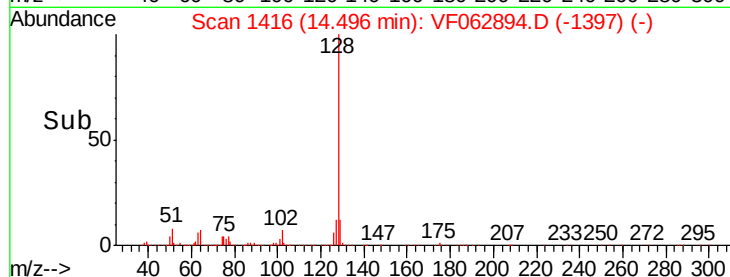
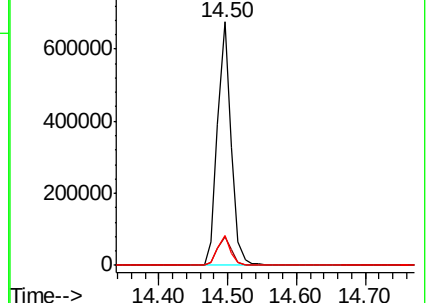
129 12.1 9.4 14.2



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: 52.752 ug/l

RT: 14.63 min Scan# 1430

Delta R.T. -0.01 min

Lab File: VF062894.D

Acq: 7 Jun 2019 11:43

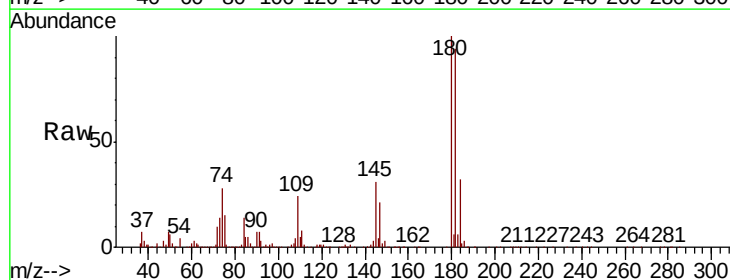
Tgt Ion:180 Resp: 470915

Ion Ratio Lower Upper

180 100

182 94.1 48.6 145.9

145 31.4 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

