

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF060319\
 Data File : VF062823.D
 Acq On : 3 Jun 2019 12:36
 Operator : FY/SY
 Sample : VF0603SBS01
 Misc : 5.00g/5mL/MSVOA F/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :

Quant Time: Jun 04 08:49:23 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	5.07	168	947086	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.79	114	1585277	50.00	ug/l	-0.01
63) Chlorobenzene-d5	9.92	117	1217285	50.00	ug/l	-0.01
72) 1,4-Dichlorobenzene-d4	12.62	152	640906	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	5.04	65	341175	52.09	ug/l	-0.01
Spiked Amount	50.000		Recovery	=	104.18%	
35) Dibromofluoromethane	4.32	113	623589	52.06	ug/l	-0.01
Spiked Amount	50.000		Recovery	=	104.12%	
50) Toluene-d8	7.72	98	1569001	51.79	ug/l	-0.01
Spiked Amount	50.000		Recovery	=	103.58%	
62) 4-Bromofluorobenzene	11.50	95	597597	54.84	ug/l	-0.01
Spiked Amount	50.000		Recovery	=	109.68%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.01	85	250881	20.906	ug/l	100
3) Chloromethane	1.15	50	202007	20.614	ug/l	98
4) Vinyl Chloride	1.20	62	187782	19.283	ug/l	96
5) Bromomethane	1.40	94	105304	18.961	ug/l	92
6) Chloroethane	1.44	64	63670	17.487	ug/l #	87
7) Trichlorofluoromethane	1.56	101	284038	20.603	ug/l	89
8) Diethyl Ether	1.72	74	49043	18.082	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	1.91	101	166274	19.184	ug/l	93
10) Methyl Iodide	1.98	142	333465	19.188	ug/l	93
11) Tert butyl alcohol	2.70	59	41347	104.216	ug/l	95
12) 1,1-Dichloroethene	1.88	96	145045	18.429	ug/l	98
13) Acrolein	2.10	56	13247	77.949	ug/l	85
14) Allyl chloride	2.21	41	140982	23.090	ug/l	92
15) Acrylonitrile	3.10	53	100565	67.458	ug/l #	96
16) Acetone	2.35	43	132218	88.207	ug/l	97
17) Carbon Disulfide	1.91	76	437844	19.034	ug/l	99
18) Methyl Acetate	2.47	43	42736	16.315	ug/l	91
19) Methyl tert-butyl Ether	2.56	73	291797	20.464	ug/l	98
20) Methylene Chloride	2.35	84	90439	9.638	ug/l	93
21) trans-1,2-Dichloroethene	2.43	96	155158	19.662	ug/l	86
22) Diisopropyl ether	2.95	45	321771	18.549	ug/l	94
23) Vinyl Acetate	3.35	43	1205554	101.513	ug/l	99
24) 1,1-Dichloroethane	3.02	63	250841	19.367	ug/l	98
25) 2-Butanone	4.54	43	329082	94.273	ug/l	98
26) 2,2-Dichloropropane	3.79	77	179073	24.350	ug/l	99
27) cis-1,2-Dichloroethene	3.66	96	272484	20.542	ug/l	95
28) Bromochloromethane	3.92	49	133258	18.915	ug/l	99
29) Tetrahydrofuran	4.28	42	128308	96.103	ug/l	93
30) Chloroform	4.06	83	375059	20.547	ug/l	100
31) Cyclohexane	3.89	56	356788	20.347	ug/l	96
32) 1,1,1-Trichloroethane	4.30	97	250874	23.605	ug/l	98
36) 1,1-Dichloropropene	4.48	75	296944	20.347	ug/l	95
37) Ethyl Acetate	4.31	43	111615	20.007	ug/l #	83
38) Carbon Tetrachloride	4.19	117	226213	22.935	ug/l	97

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Quant Time: Jun 04 08:49:23 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)
39) Methylcyclohexane	5.65	83	381957	21.029	ug/l	99
40) Benzene	4.83	78	864574	20.356	ug/l	98
41) Methacrylonitrile	4.94	41	60762	19.592	ug/l	94
42) 1,2-Dichloroethane	5.14	62	156087	19.322	ug/l	96
43) Isopropyl Acetate	7.12	43	149058	20.226	ug/l #	95
44) Trichloroethene	5.70	130	245258	20.460	ug/l	96
45) 1,2-Dichloropropane	6.42	63	222600	20.885	ug/l	97
46) Dibromomethane	6.27	93	132085	21.225	ug/l	96
47) Bromodichloromethane	6.56	83	250660	19.778	ug/l #	96
48) Methyl methacrylate	6.89	41	67992	17.902	ug/l	98
49) 1,4-Dioxane	6.88	88	20799	415.464	ug/l #	80
51) 4-Methyl-2-Pentanone	8.41	43	556945	105.854	ug/l	95
52) Toluene	7.79	92	467678	20.443	ug/l	87
53) t-1,3-Dichloropropene	8.43	75	227494	21.662	ug/l	100
54) cis-1,3-Dichloropropene	7.46	75	307374	20.220	ug/l	99
55) 1,1,2-Trichloroethane	8.65	97	142251	20.814	ug/l	96
56) Ethyl methacrylate	8.77	69	155133	21.155	ug/l	98
57) 1,3-Dichloropropane	9.00	76	232069	20.793	ug/l	100
58) 2-Chloroethyl Vinyl ether	7.45	63	270862	105.688	ug/l	98
59) 2-Hexanone	9.63	43	396877	105.829	ug/l	100
60) Dibromochloromethane	8.86	129	176579	20.869	ug/l	94
61) 1,2-Dibromoethane	9.14	107	147471	20.777	ug/l	99
64) Tetrachloroethene	8.31	164	191239	20.444	ug/l	97
65) Chlorobenzene	9.94	112	489123	20.807	ug/l	95
66) 1,1,1,2-Tetrachloroethane	10.07	131	189582	20.250	ug/l	98
67) Ethyl Benzene	10.04	91	840510	20.836	ug/l	99
68) m/p-Xylenes	10.26	106	615291	39.859	ug/l	84
69) o-Xylene	10.83	106	332051	21.246	ug/l	99
70) Styrene	10.89	104	499742	21.694	ug/l	99
71) Bromoform	10.88	173	94087	20.949	ug/l #	100
73) Isopropylbenzene	11.22	105	849721	19.001	ug/l	94
74) N-amyl acetate	11.45	43	228021	18.091	ug/l #	90
75) 1,1,2,2-Tetrachloroethane	11.77	83	184769	19.348	ug/l	98
76) 1,2,3-Trichloropropane	11.87	75	124347	19.643	ug/l	87
77) Bromobenzene	11.58	156	215535	19.182	ug/l	89
78) n-propylbenzene	11.67	91	1078604	19.976	ug/l	93
79) 2-Chlorotoluene	11.80	91	593195	19.200	ug/l	98
80) 1,3,5-Trimethylbenzene	11.90	105	716206	19.584	ug/l	96
81) trans-1,4-Dichloro-2-buten	11.94	75	69779	26.036	ug/l #	88
82) 4-Chlorotoluene	11.98	91	621491	20.469	ug/l	100
83) tert-Butylbenzene	12.20	119	773506	21.345	ug/l	96
84) 1,2,4-Trimethylbenzene	12.27	105	739819	21.336	ug/l	97
85) sec-Butylbenzene	12.37	105	1018938	21.339	ug/l	98
86) p-Isopropyltoluene	12.52	119	846082	21.288	ug/l	96
87) 1,3-Dichlorobenzene	12.54	146	415822	20.984	ug/l	98
88) 1,4-Dichlorobenzene	12.63	146	380223	20.560	ug/l	98
89) n-Butylbenzene	12.90	91	864561	21.624	ug/l	88
90) Hexachloroethane	12.97	117	203262	20.968	ug/l	86
91) 1,2-Dichlorobenzene	13.00	146	366505	21.042	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	13.69	75	21059	20.240	ug/l	94

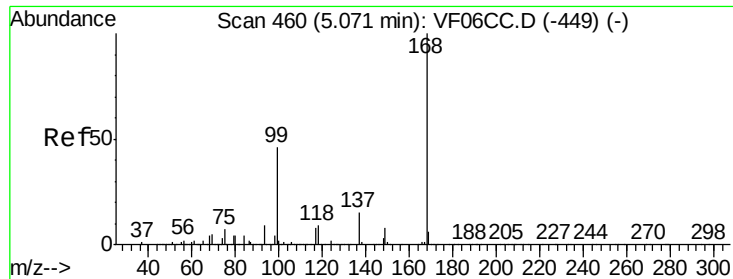
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA F\DATA\VF060319\
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Quant Title : SW846 8260
QLast Update : Fri May 31 04:18:30 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.24	180	241396	20.185	ug/l	96
94) Hexachlorobutadiene	14.23	225	162864	19.685	ug/l	98
95) Naphthalene	14.49	128	369613	18.865	ug/l	99
96) 1,2,3-Trichlorobenzene	14.64	180	216137	19.799	ug/l	97

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.07 min Scan# 460

Delta R.T. -0.00 min

Lab File: VF062823.D

Acq: 3 Jun 2019 12:36

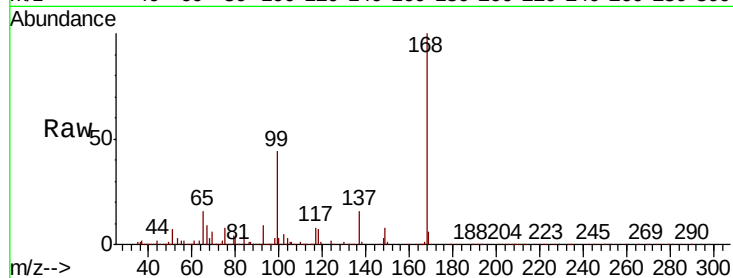
Instrument :
MSVOA_F
ClientSampleId :

Tot Ion:168 Resp: 947086

Ion Ratio Lower Upper

168 100

99 44.1 39.1 58.7



Abundance Ion 168.00 (167.70 to 168.70): VF0

Ion 99.00 (98.70 to 99.70): VF0

5.07

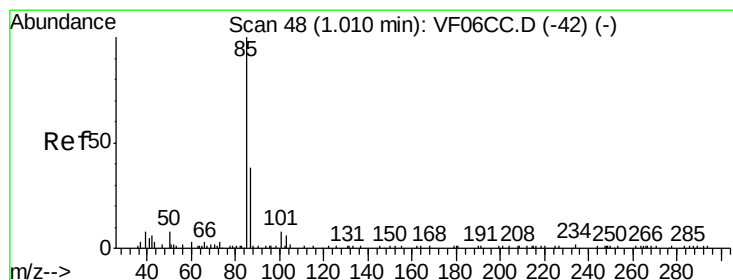
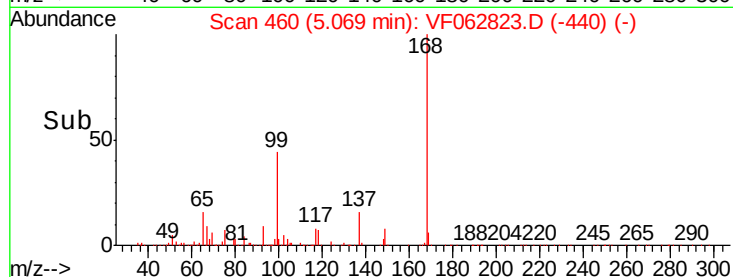
300000

200000

100000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 20.906 ug/l

RT: 1.01 min Scan# 48

Delta R.T. -0.00 min

Lab File: VF062823.D

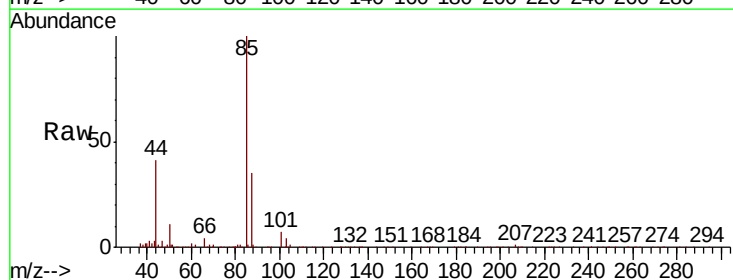
Acq: 3 Jun 2019 12:36

Tgt Ion: 85 Resp: 250881

Ion Ratio Lower Upper

85 100

87 35.5 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

80000

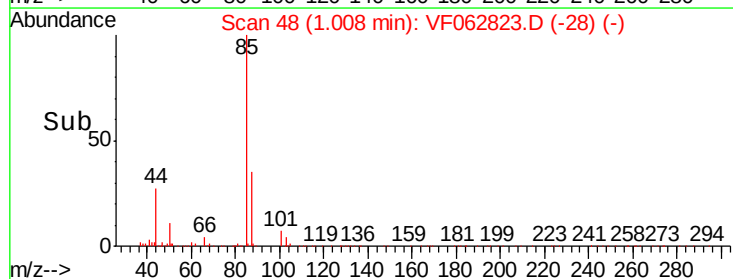
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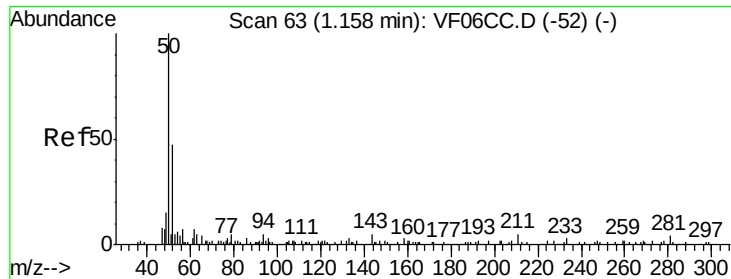
40000

20000

0

Time-->





#3

Chloromethane

Concen: 20.614 ug/l

RT: 1.15 min Scan# 62

Delta R.T. -0.00 min

Lab File: VF062823.D

Acq: 3 Jun 2019 12:36

Instrument :

MSVOA_F

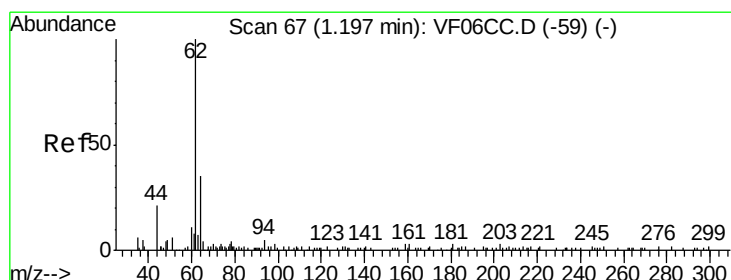
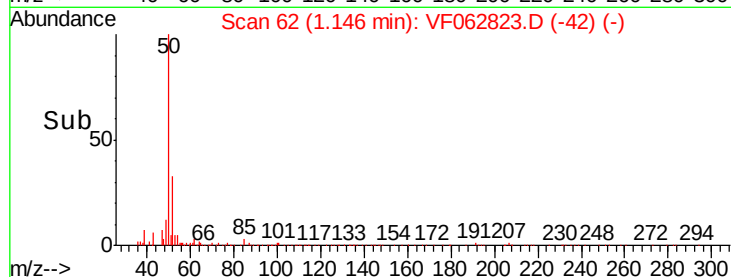
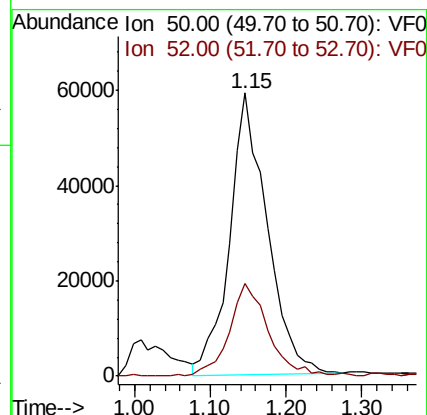
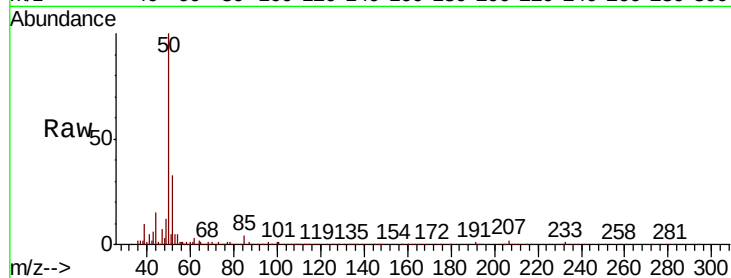
ClientSampleId :

Tot Ion: 50 Resp: 202007

Ion Ratio Lower Upper

50 100

52 32.8 27.0 40.4



#4

Vinyl Chloride

Concen: 19.283 ug/l

RT: 1.20 min Scan# 67

Delta R.T. -0.00 min

Lab File: VF062823.D

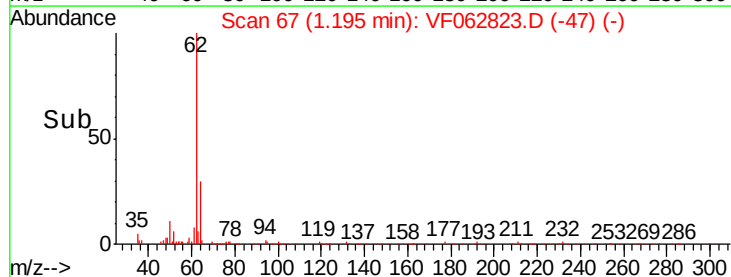
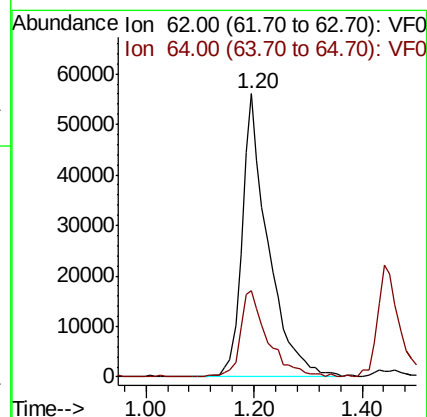
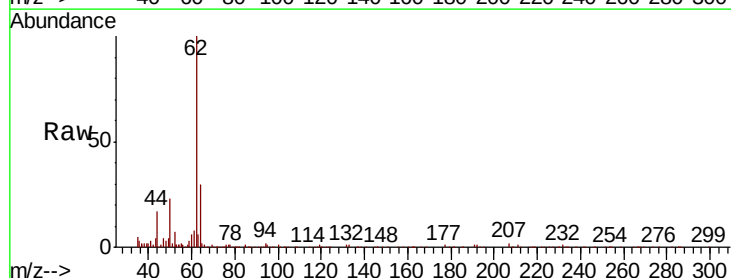
Acq: 3 Jun 2019 12:36

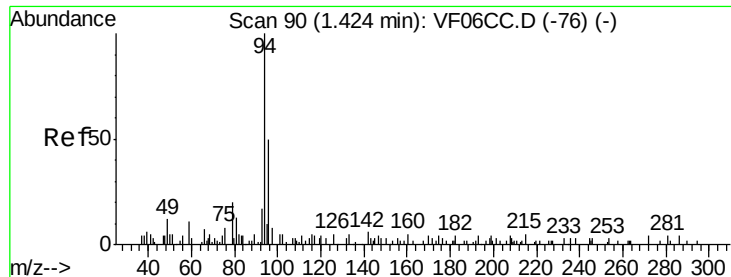
Tgt Ion: 62 Resp: 187782

Ion Ratio Lower Upper

62 100

64 30.3 26.2 39.2





#5

Bromomethane

Concen: 18.961 ug/l

RT: 1.40 min Scan# 88

Delta R.T. -0.00 min

Lab File: VF062823.D

Acq: 3 Jun 2019 12:36

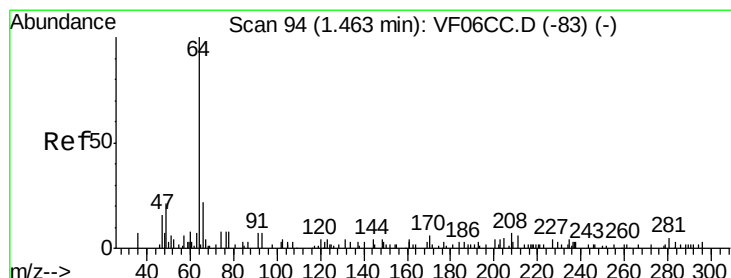
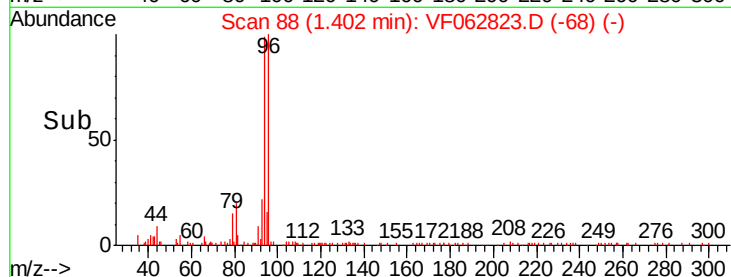
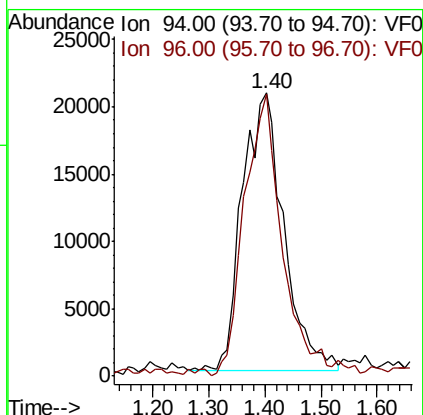
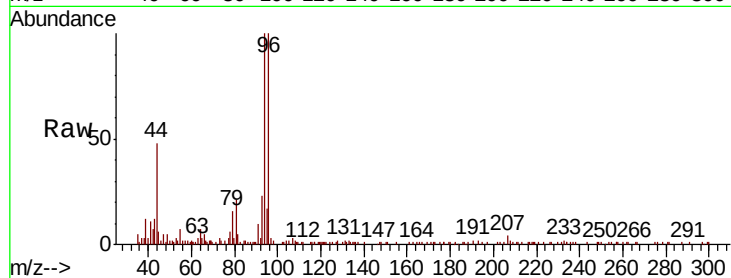
Instrument :
MSVOA_F
ClientSampleId :

Tot Ion: 94 Resp: 105304

Ion Ratio Lower Upper

94 100

96 99.7 73.8 110.6



#6

Chloroethane

Concen: 17.487 ug/l

RT: 1.44 min Scan# 92

Delta R.T. -0.02 min

Lab File: VF062823.D

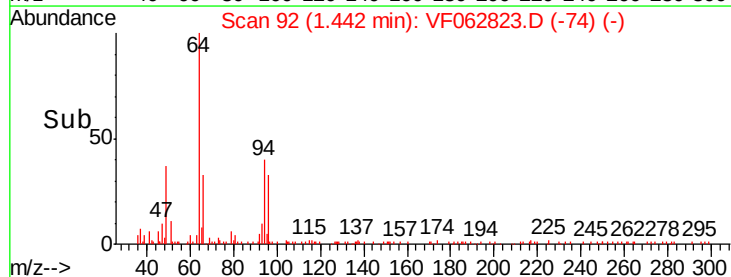
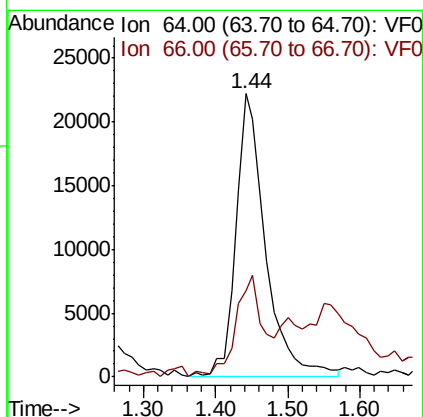
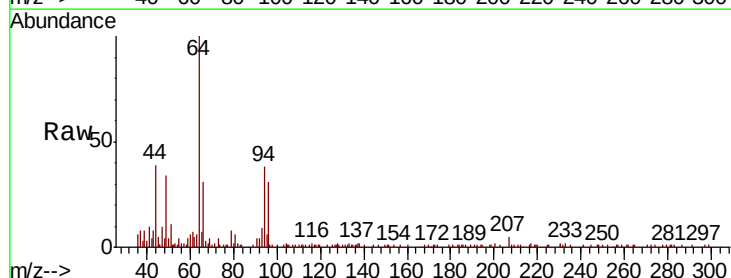
Acq: 3 Jun 2019 12:36

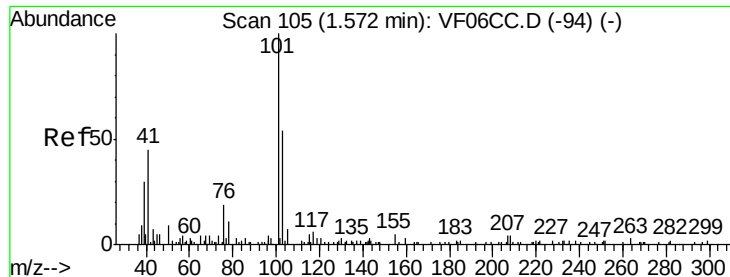
Tgt Ion: 64 Resp: 63670

Ion Ratio Lower Upper

64 100

66 30.6 31.0 46.4#



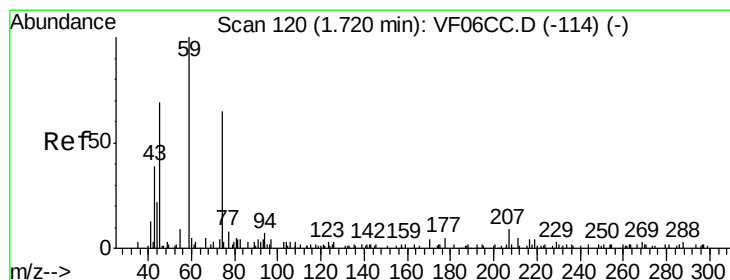
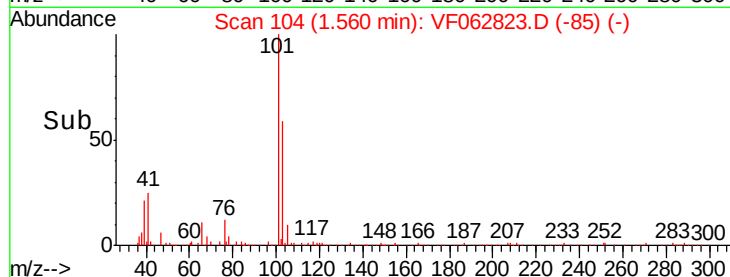
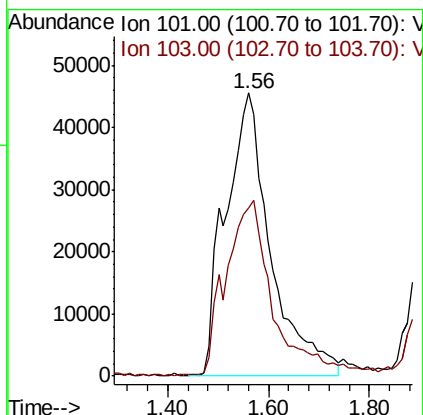
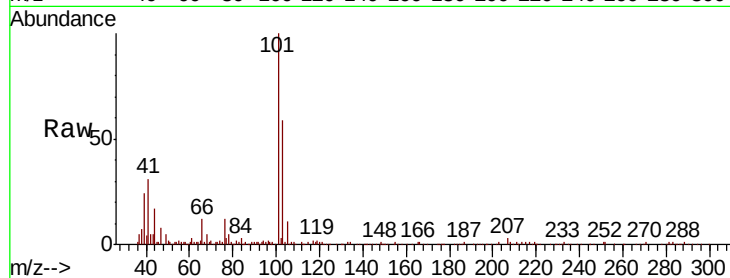


#7

Trichlorofluoromethane
Concen: 20.603 ug/l
RT: 1.56 min Scan# 104
Delta R.T. -0.01 min
Lab File: VF062823.D
Acq: 3 Jun 2019 12:36

Instrument :
MSVOA_F
ClientSampleId :

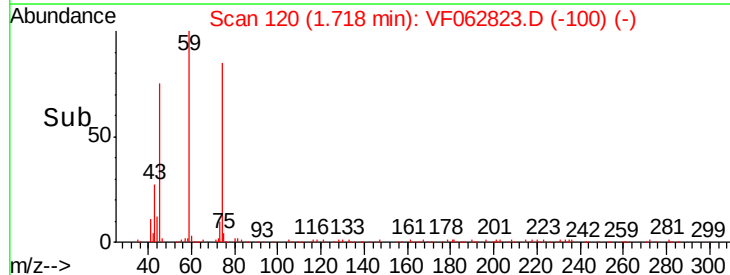
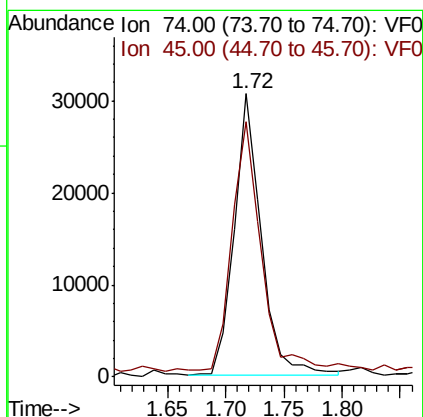
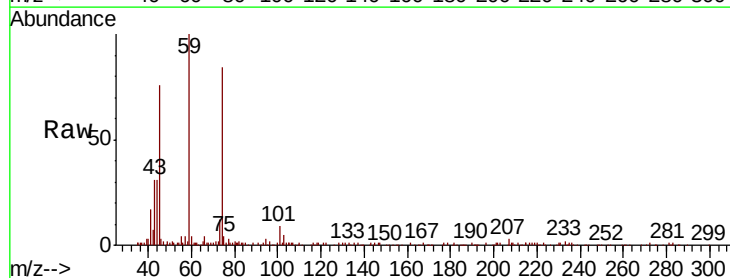
Tot Ion:101 Resp: 284038
Ion Ratio Lower Upper
101 100
103 59.3 54.6 82.0

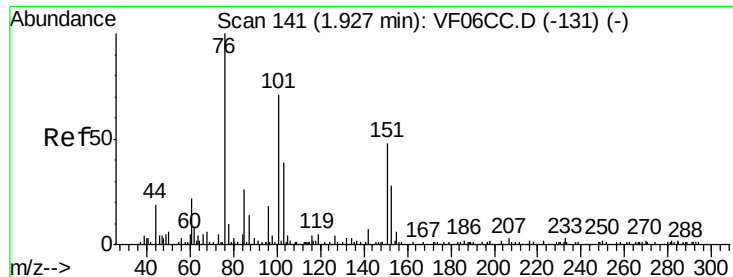


#8

Diethyl Ether
Concen: 18.082 ug/l
RT: 1.72 min Scan# 120
Delta R.T. -0.00 min
Lab File: VF062823.D
Acq: 3 Jun 2019 12:36

Tgt Ion: 74 Resp: 49043
Ion Ratio Lower Upper
74 100
45 90.1 47.5 142.5





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.184 ug/l

RT: 1.91 min Scan# 140

Delta R.T. -0.02 min

Lab File: VF062823.D

Acq: 3 Jun 2019 12:36

Instrument :

MSVOA_F

ClientSampleId :

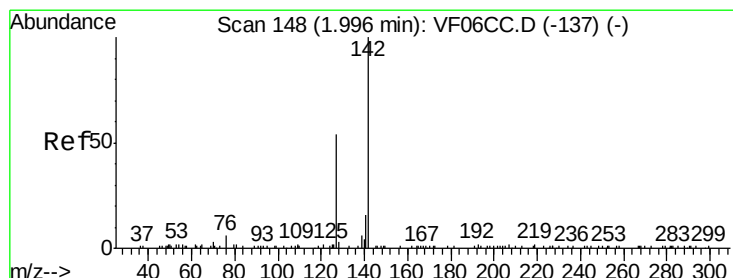
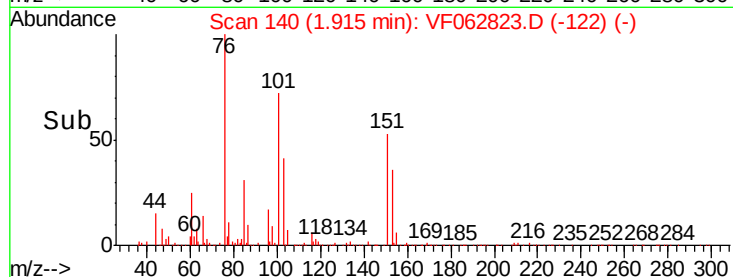
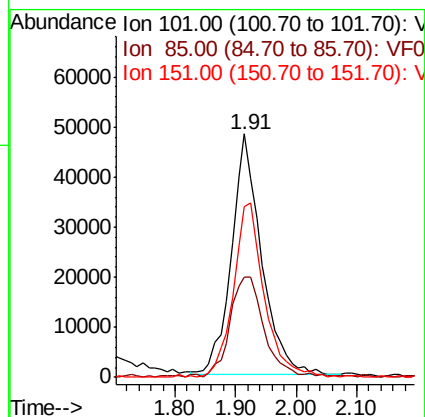
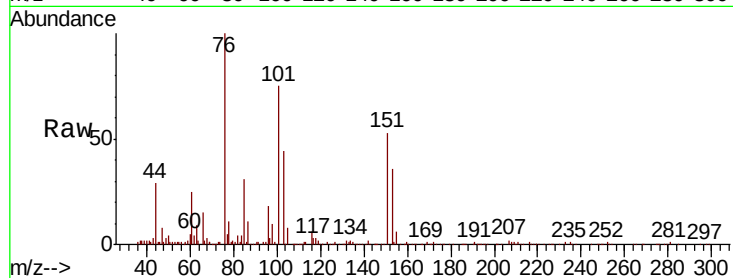
Tot Ion:101 Resp: 166274

Ion Ratio Lower Upper

101 100

85 41.3 37.1 55.7

151 70.1 60.3 90.5



#10

Methyl Iodide

Concen: 19.188 ug/l

RT: 1.98 min Scan# 147

Delta R.T. -0.03 min

Lab File: VF062823.D

Acq: 3 Jun 2019 12:36

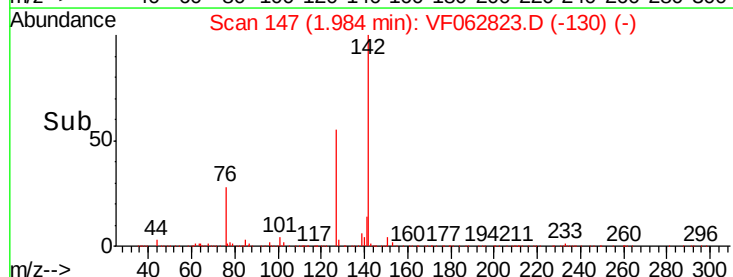
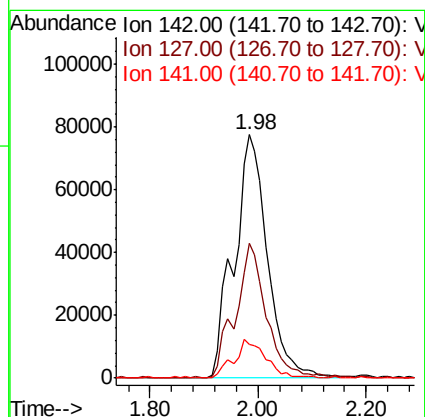
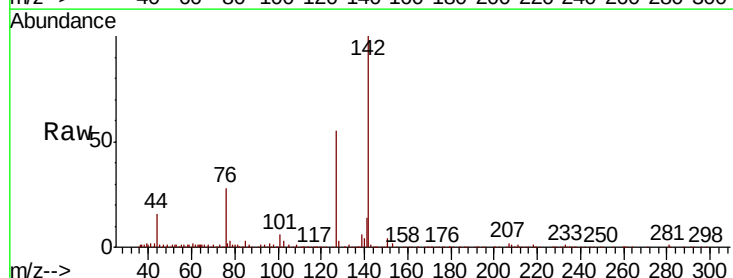
Tgt Ion:142 Resp: 333465

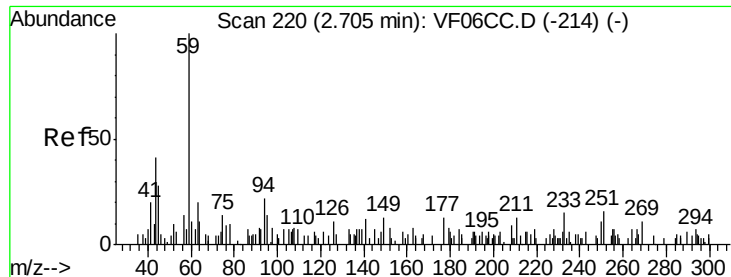
Ion Ratio Lower Upper

142 100

127 54.8 39.4 59.2

141 13.8 10.6 15.8



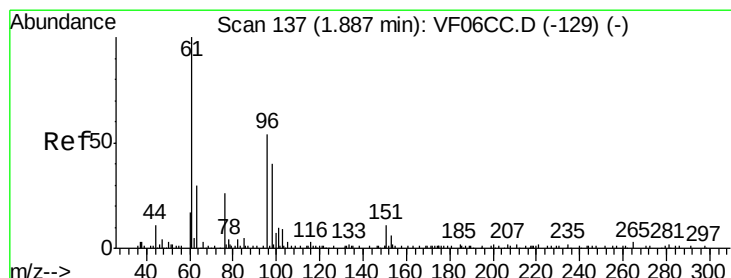
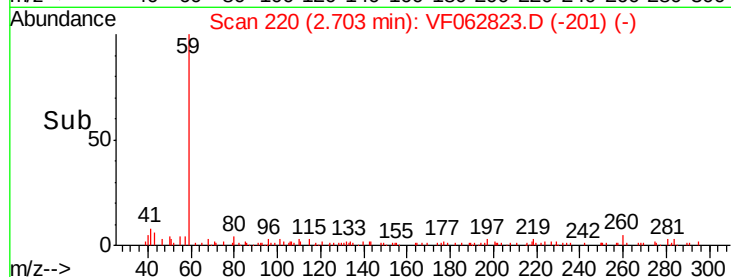
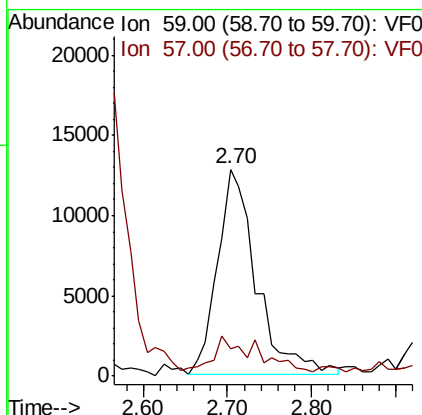
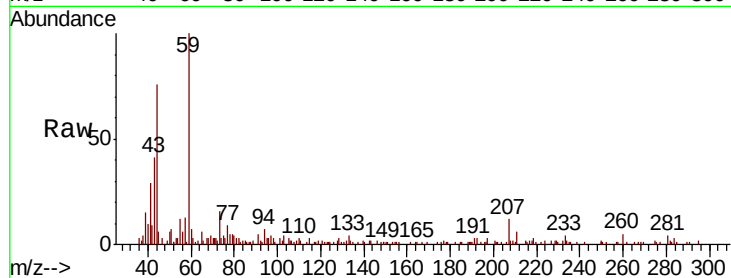


#11

Tert butyl alcohol
Concen: 104.216 ug/l
RT: 2.70 min Scan# 220
Delta R.T. -0.01 min
Lab File: VF062823.D
Acq: 3 Jun 2019 12:36

Instrument :
MSVOA_F
ClientSampleId :

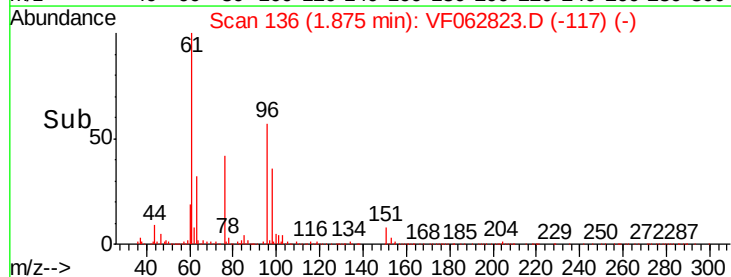
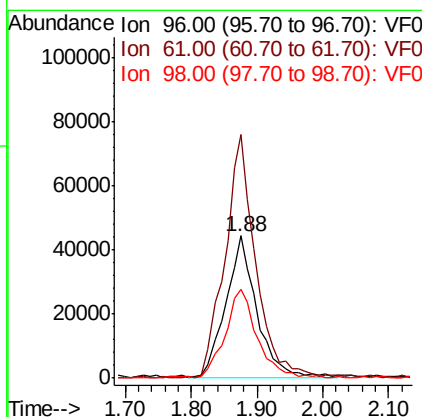
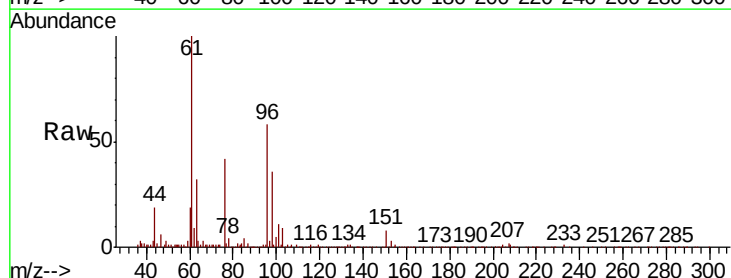
Tot Ion: 59 Resp: 41347
Ion Ratio Lower Upper
59 100
57 13.5 9.2 13.8

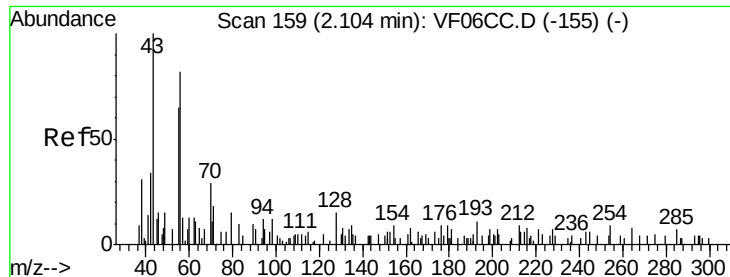


#12

1,1-Dichloroethene
Concen: 18.429 ug/l
RT: 1.88 min Scan# 136
Delta R.T. -0.01 min
Lab File: VF062823.D
Acq: 3 Jun 2019 12:36

Tgt Ion: 96 Resp: 145045
Ion Ratio Lower Upper
96 100
61 171.4 139.4 209.2
98 62.3 50.3 75.5





#13

Acrolein

Concen: 77.949 ug/l

RT: 2.10 min Scan# 159

Delta R.T. -0.01 min

Lab File: VF062823.D

Acq: 3 Jun 2019 12:36

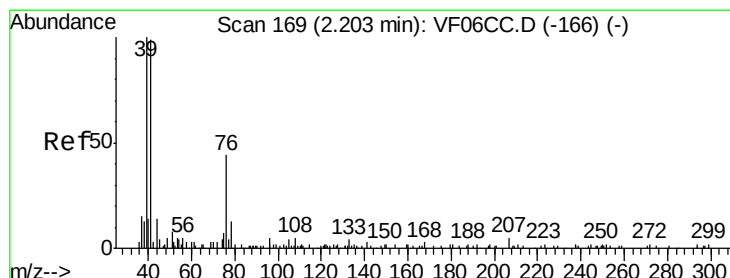
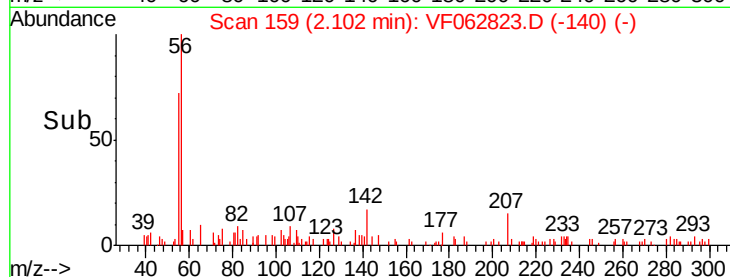
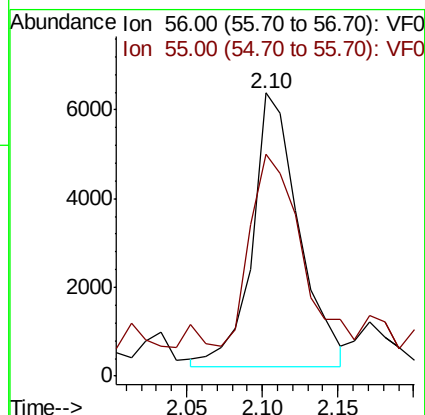
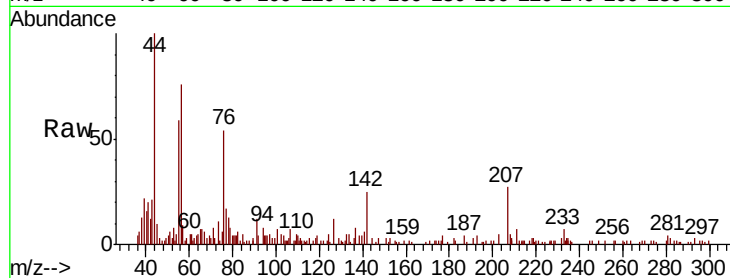
Instrument :
MSVOA_F
ClientSampleId :

Tot Ion: 56 Resp: 13247

Ion Ratio Lower Upper

56 100

55 78.2 52.9 79.3



#14

Allyl chloride

Concen: 23.090 ug/l

RT: 2.21 min Scan# 170

Delta R.T. -0.00 min

Lab File: VF062823.D

Acq: 3 Jun 2019 12:36

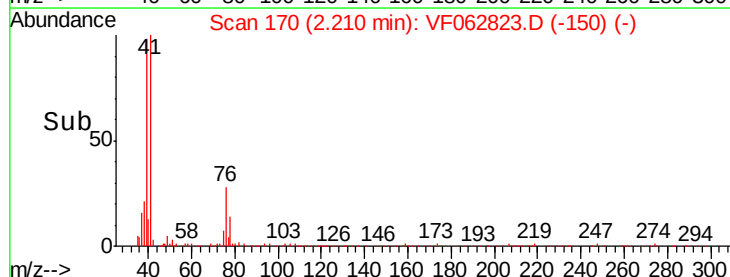
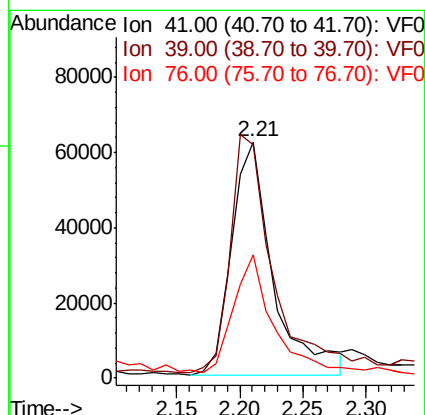
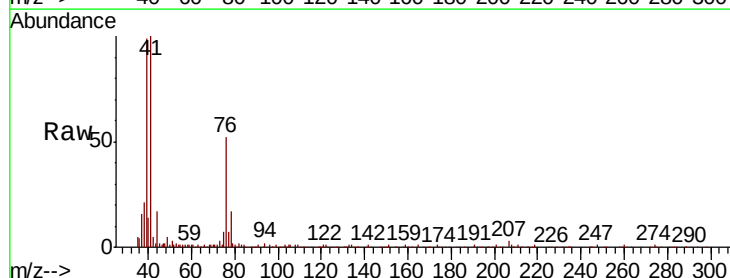
Tgt Ion: 41 Resp: 140982

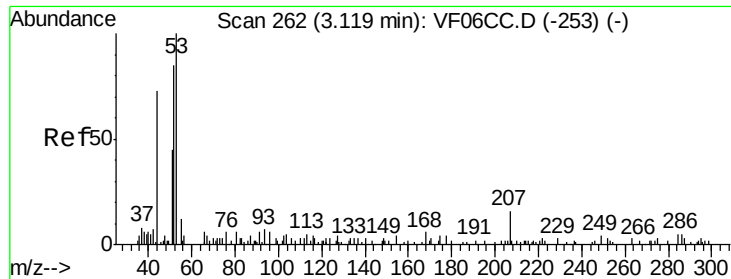
Ion Ratio Lower Upper

41 100

39 98.6 71.9 107.9

76 52.4 39.6 59.4

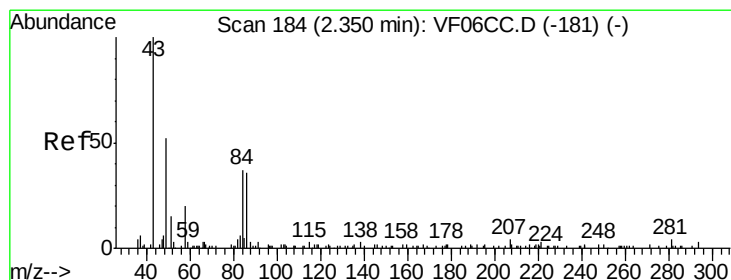
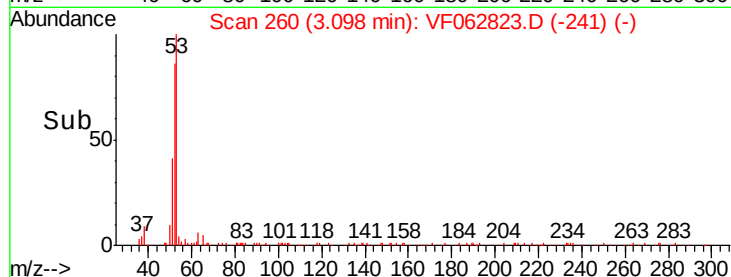
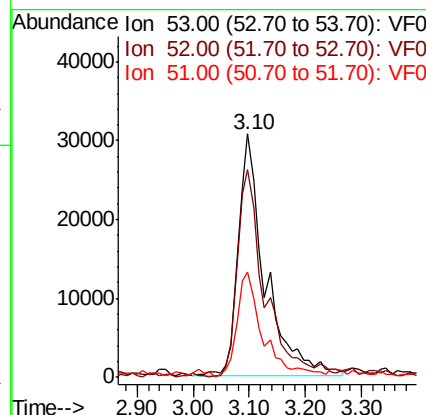
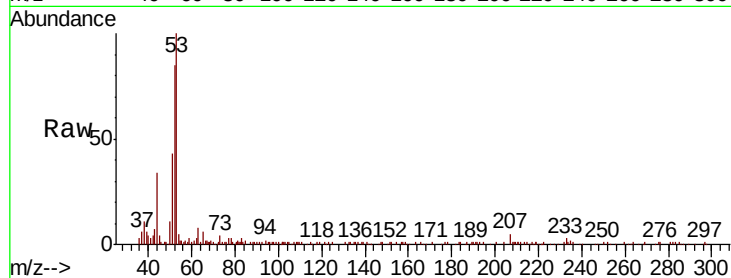




#15
 Acrylonitrile
 Concen: 67.458 ug/l
 RT: 3.10 min Scan# 260
 Delta R.T. -0.01 min
 Lab File: VF062823.D
 Acq: 3 Jun 2019 12:36

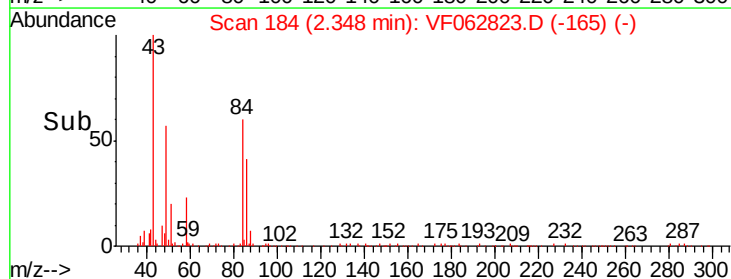
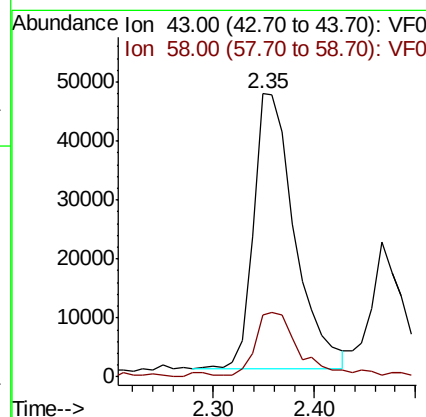
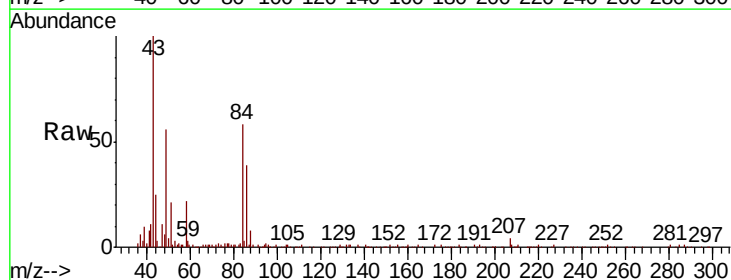
Instrument :
 MSVOA_F
 ClientSampleId :

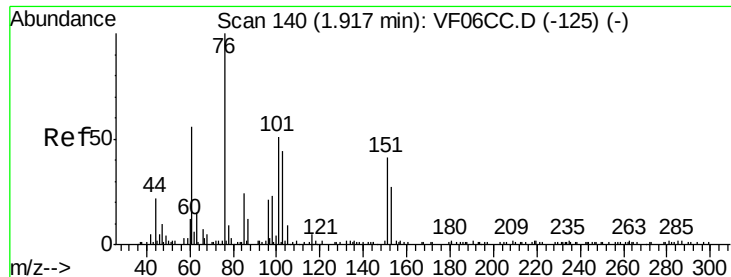
Tot Ion	53	Resp	100565
Ion Ratio	Lower	Upper	
53	100		
52	85.2	68.1	102.1
51	43.1	27.7	41.5#



#16
 Acetone
 Concen: 88.207 ug/l
 RT: 2.35 min Scan# 184
 Delta R.T. -0.01 min
 Lab File: VF062823.D
 Acq: 3 Jun 2019 12:36

Tgt Ion	43	Resp	132218
Ion Ratio	Lower	Upper	
43	100		
58	22.0	19.0	28.4





#17

Carbon Disulfide

Concen: 19.034 ug/l

RT: 1.91 min Scan# 140

Delta R.T. -0.01 min

Lab File: VF062823.D

Acq: 3 Jun 2019 12:36

Instrument :

MSVOA_F

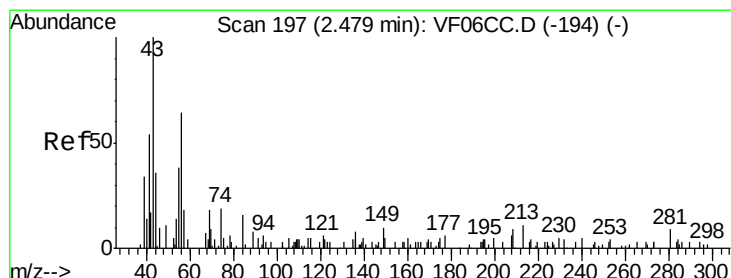
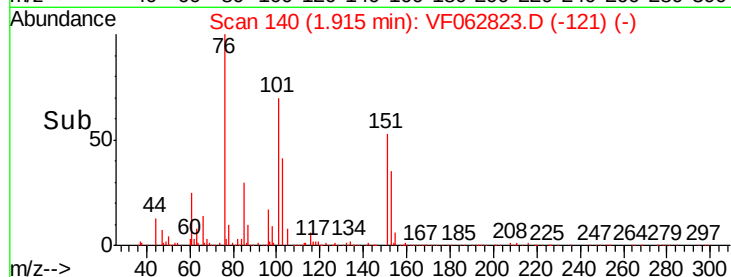
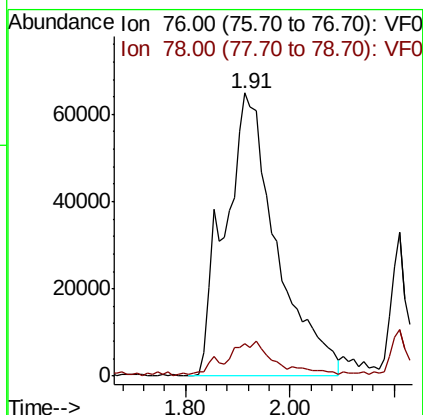
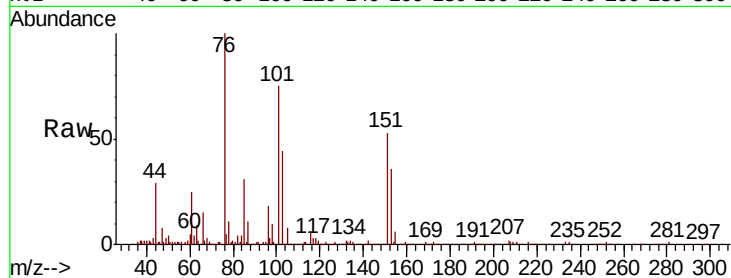
ClientSampleId :

Tot Ion: 76 Resp: 437844

Ion Ratio Lower Upper

76 100

78 11.4 9.4 14.2



#18

Methyl Acetate

Concen: 16.315 ug/l

RT: 2.47 min Scan# 196

Delta R.T. -0.01 min

Lab File: VF062823.D

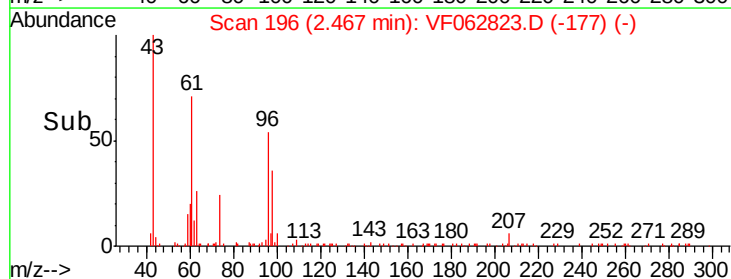
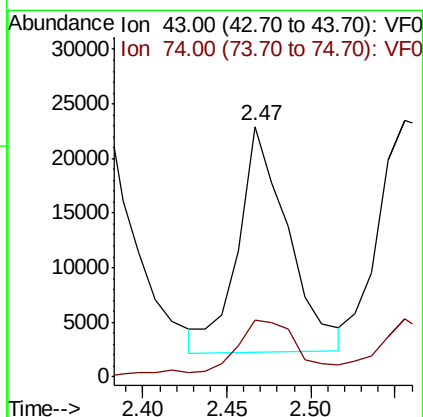
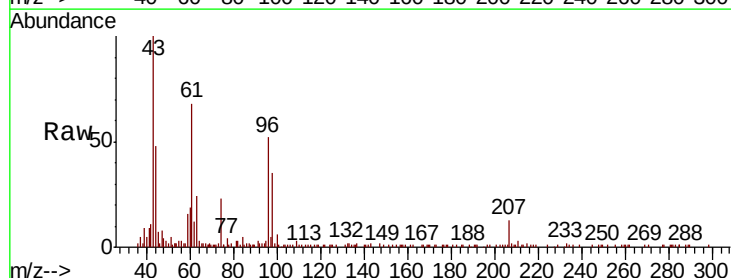
Acq: 3 Jun 2019 12:36

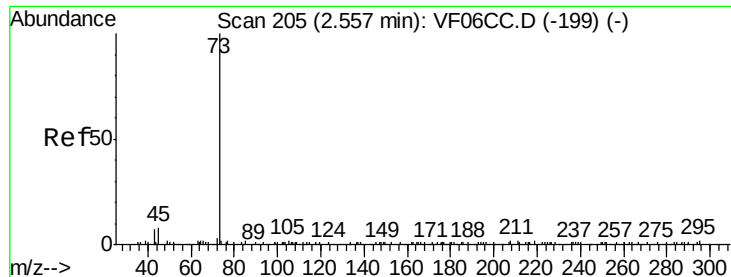
Tgt Ion: 43 Resp: 42736

Ion Ratio Lower Upper

43 100

74 22.8 22.1 33.1

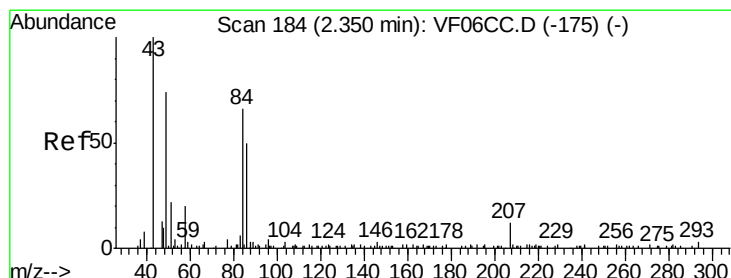
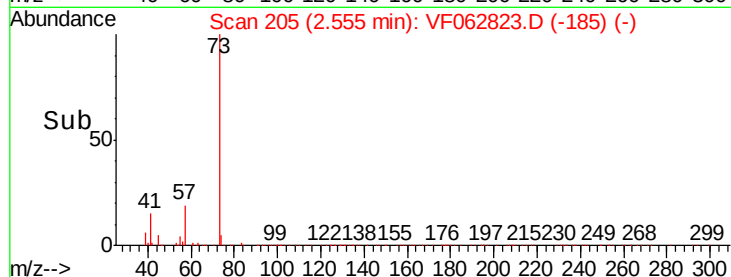
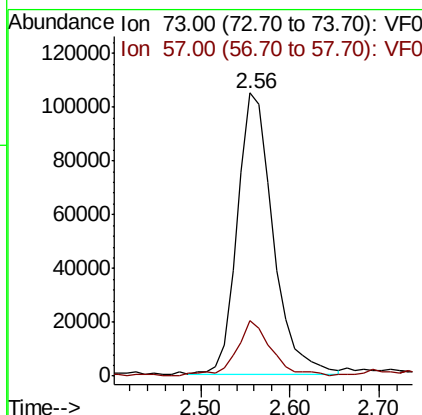
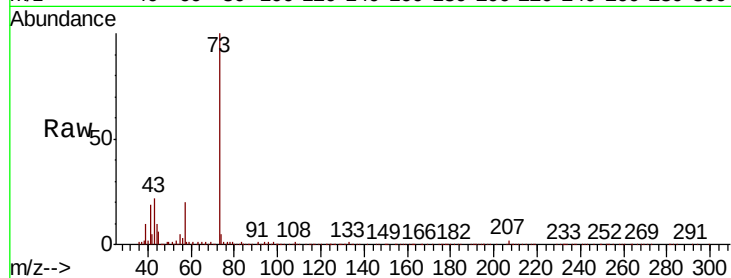




#19
Methyl tert-butyl Ether
Concen: 20.464 ug/l
RT: 2.56 min Scan# 205
Delta R.T. -0.00 min
Lab File: VF062823.D
Acq: 3 Jun 2019 12:36

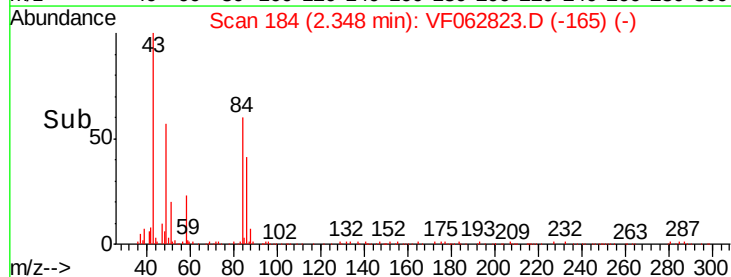
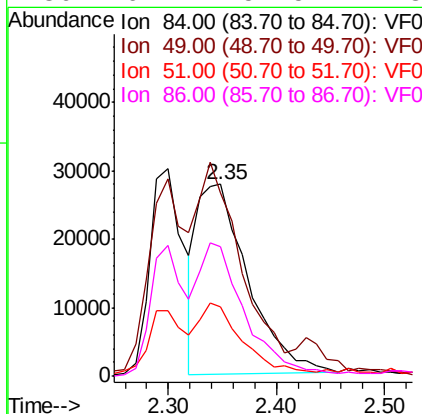
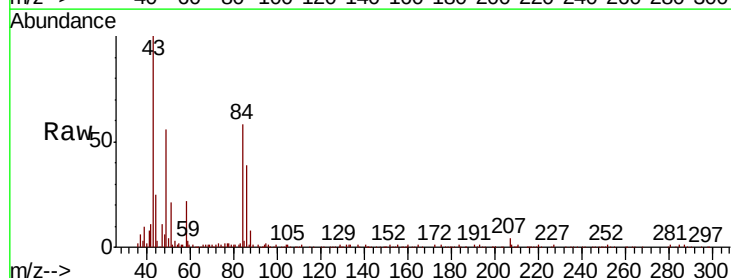
Instrument :
MSVOA_F
ClientSampleId :

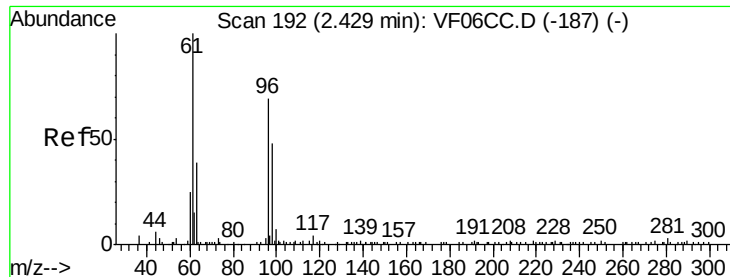
Tot Ion: 73 Resp: 291797
Ion Ratio Lower Upper
73 100
57 19.6 15.1 22.7



#20
Methylene Chloride
Concen: 9.638 ug/l
RT: 2.35 min Scan# 184
Delta R.T. -0.01 min
Lab File: VF062823.D
Acq: 3 Jun 2019 12:36

Tgt Ion: 84 Resp: 90439
Ion Ratio Lower Upper
84 100
49 95.2 82.6 123.8
51 35.8 25.0 37.4
86 67.2 51.5 77.3





#21

trans-1,2-Dichloroethene

Concen: 19.662 ug/l

RT: 2.43 min Scan# 192

Delta R.T. -0.01 min

Lab File: VF062823.D

Acq: 3 Jun 2019 12:36

Instrument :

MSVOA_F

ClientSampled :

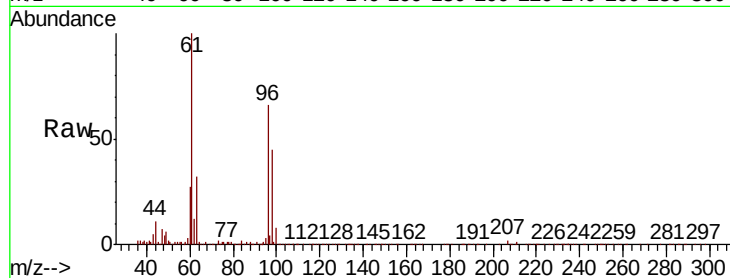
Tot Ion: 96 Resp: 155158

Ion Ratio Lower Upper

96 100

61 151.7 105.0 157.6

98 68.8 51.1 76.7

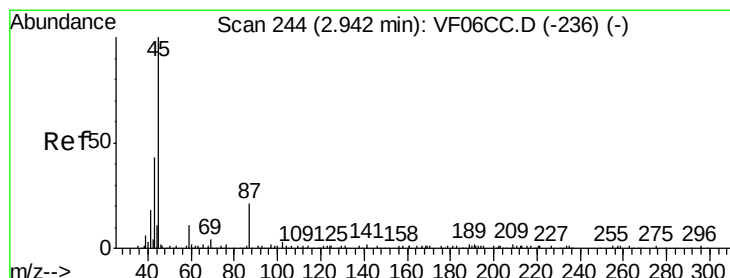
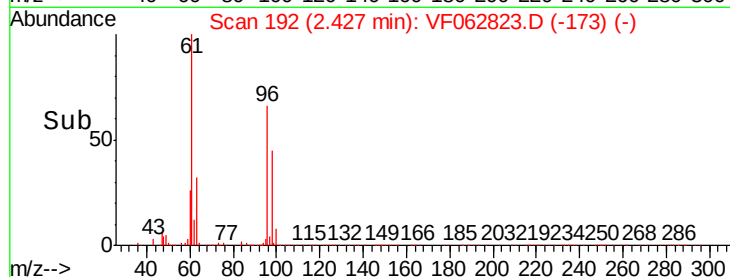
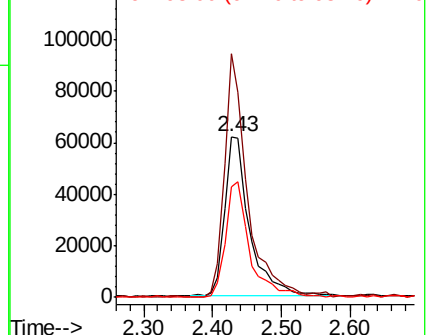


Abundance

Ion 96.00 (95.70 to 96.70): VF0

Ion 61.00 (60.70 to 61.70): VF0

Ion 98.00 (97.70 to 98.70): VF0



#22

Diisopropyl ether

Concen: 18.549 ug/l

RT: 2.95 min Scan# 245

Delta R.T. -0.00 min

Lab File: VF062823.D

Acq: 3 Jun 2019 12:36

Tgt Ion: 45 Resp: 321771

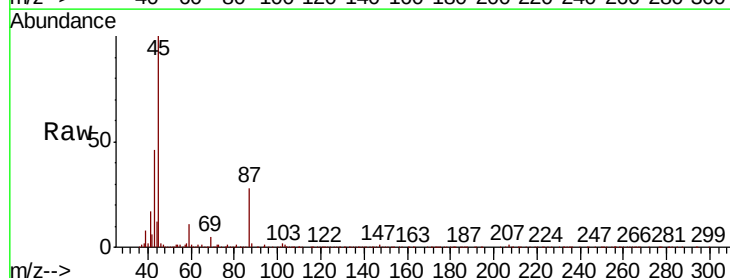
Ion Ratio Lower Upper

45 100

43 46.1 34.3 51.5

87 28.1 19.0 28.4

59 11.4 9.6 14.4



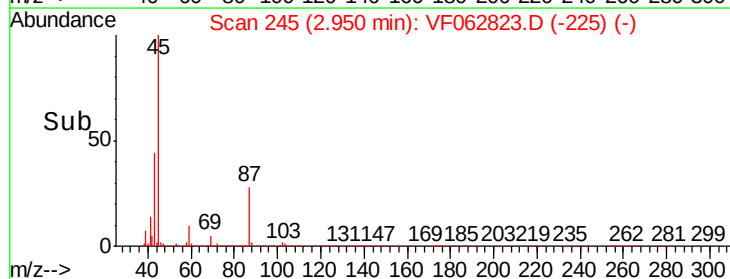
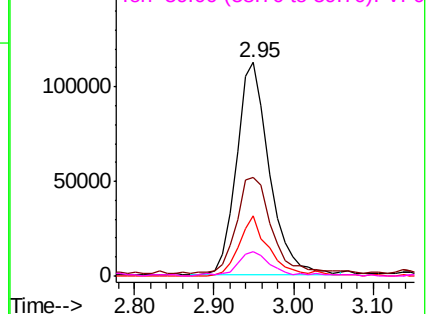
Abundance

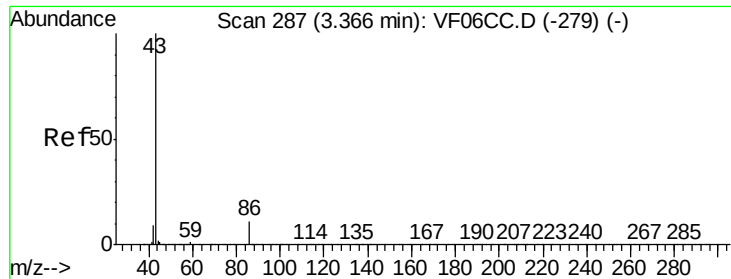
Ion 45.00 (44.70 to 45.70): VF0

Ion 43.00 (42.70 to 43.70): VF0

Ion 87.00 (86.70 to 87.70): VF0

Ion 59.00 (58.70 to 59.70): VF0

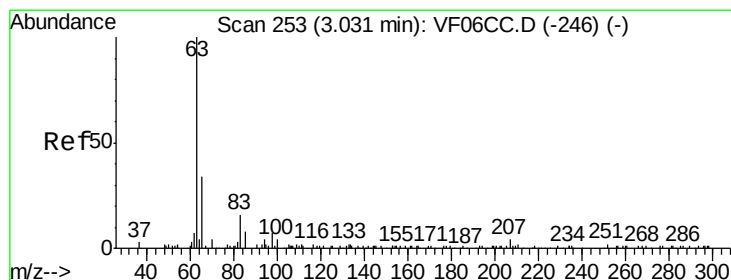
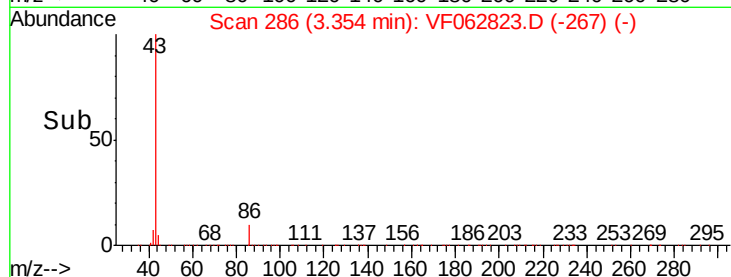
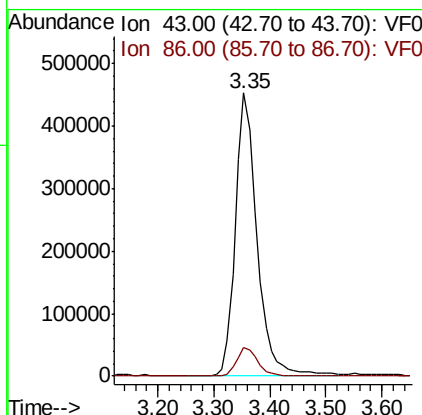
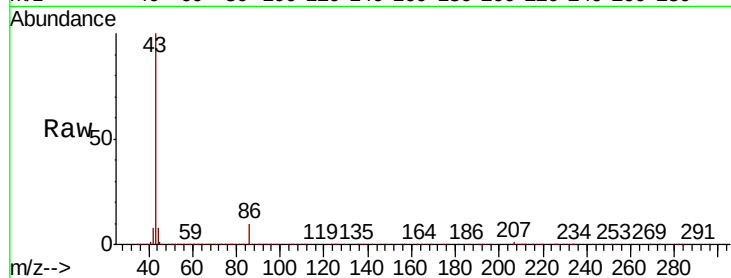




#23
 Vinyl Acetate
 Concen: 101.513 ug/l
 RT: 3.35 min Scan# 286
 Delta R.T. -0.01 min
 Lab File: VF062823.D
 Acq: 3 Jun 2019 12:36

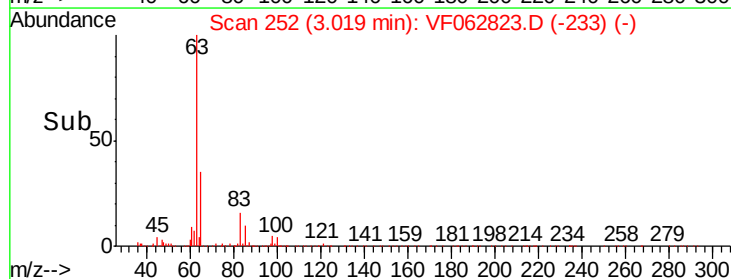
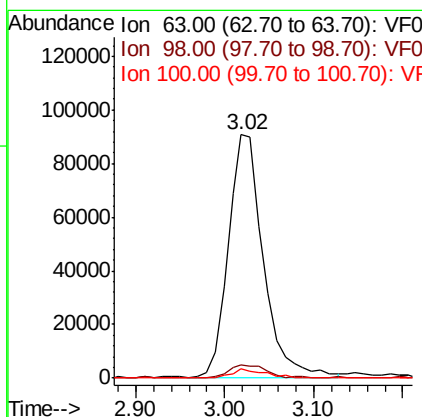
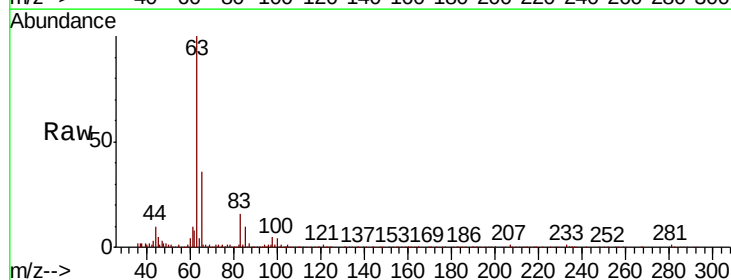
Instrument :
 MSVOA_F
 ClientSampled :

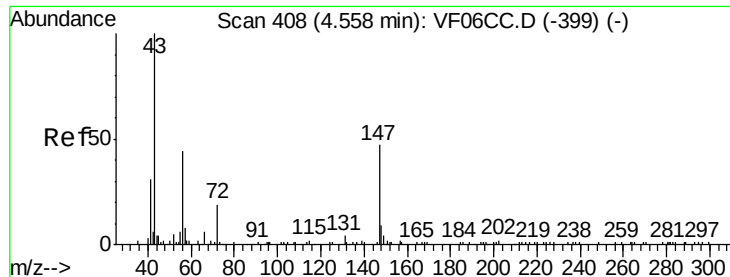
Tot Ion: 43 Resp: 1205554
 Ion Ratio Lower Upper
 43 100
 86 9.9 8.2 12.2



#24
 1,1-Dichloroethane
 Concen: 19.367 ug/l
 RT: 3.02 min Scan# 252
 Delta R.T. -0.01 min
 Lab File: VF062823.D
 Acq: 3 Jun 2019 12:36

Tgt Ion: 63 Resp: 250841
 Ion Ratio Lower Upper
 63 100
 98 5.3 2.4 7.1
 100 3.7 1.5 4.5

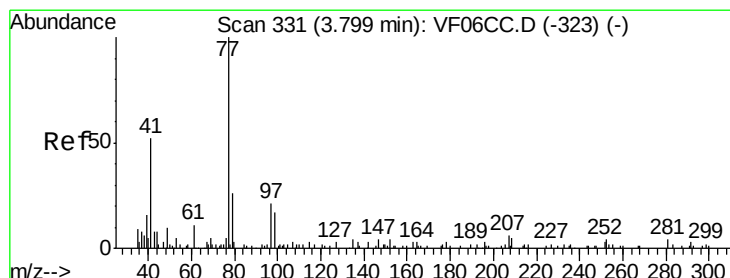
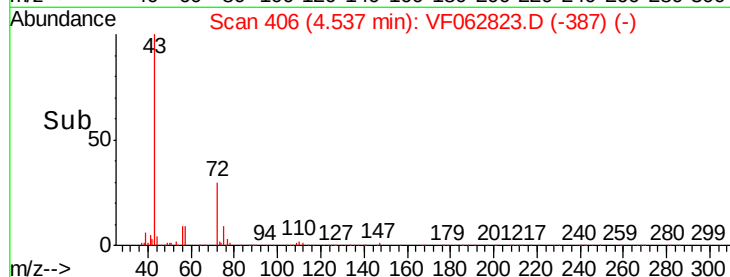
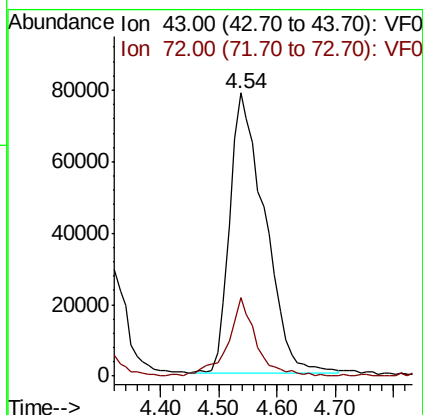
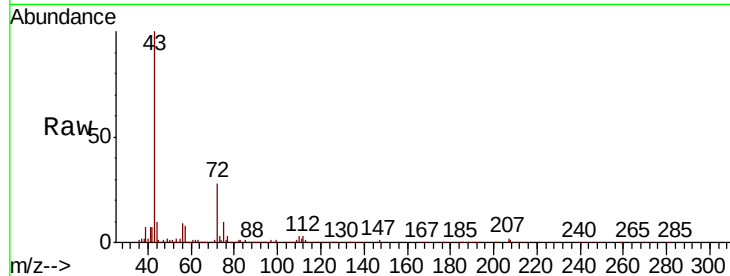




#25
2-Butanone
Concen: 94.273 ug/l
RT: 4.54 min Scan# 406
Delta R.T. -0.01 min
Lab File: VF062823.D
Acq: 3 Jun 2019 12:36

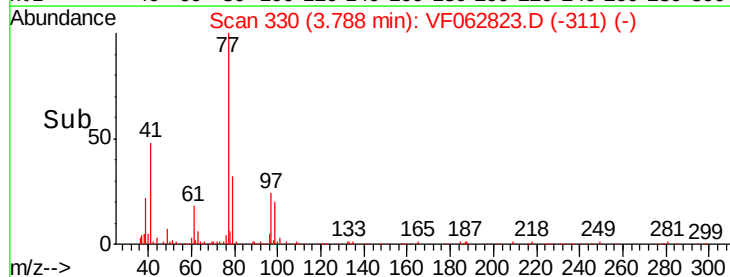
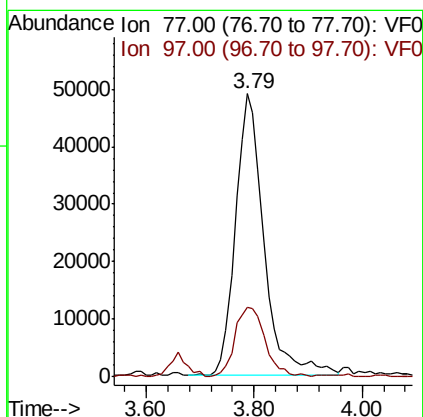
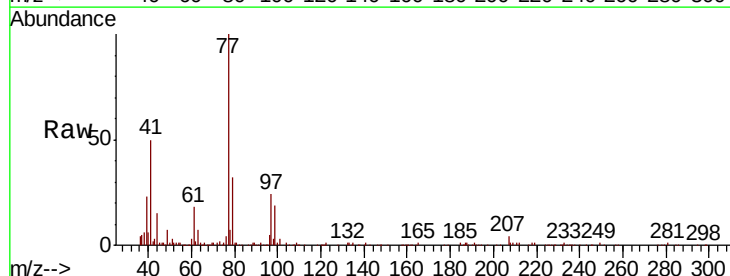
Instrument :
MSVOA_F
ClientSampleId :

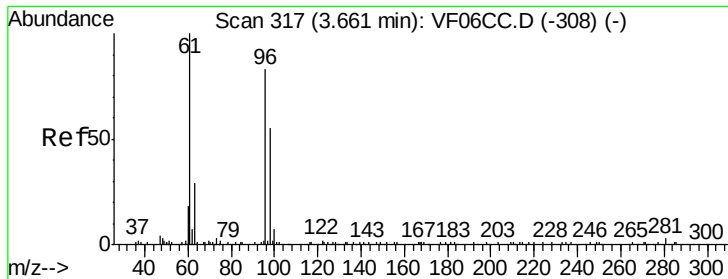
Tot Ion: 43 Resp: 329082
Ion Ratio Lower Upper
43 100
72 27.9 21.4 32.0



#26
2,2-Dichloropropane
Concen: 24.350 ug/l
RT: 3.79 min Scan# 330
Delta R.T. -0.01 min
Lab File: VF062823.D
Acq: 3 Jun 2019 12:36

Tgt Ion: 77 Resp: 179073
Ion Ratio Lower Upper
77 100
97 24.4 12.4 37.4



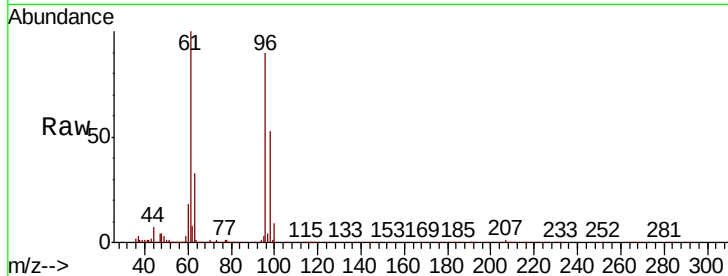


#27

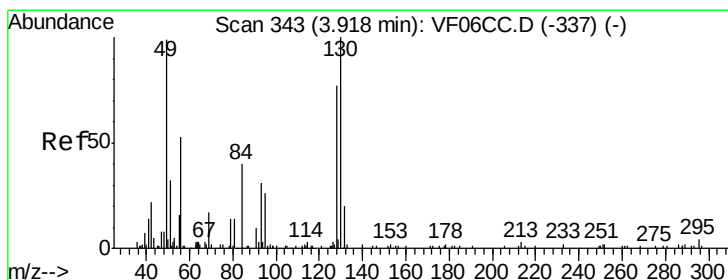
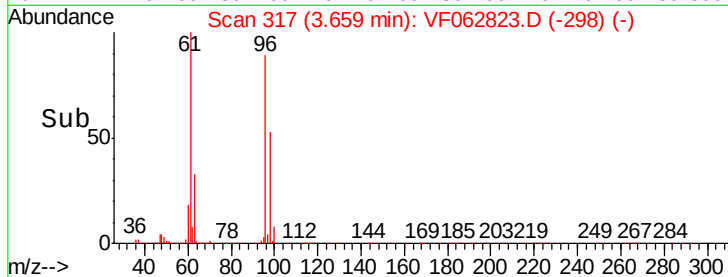
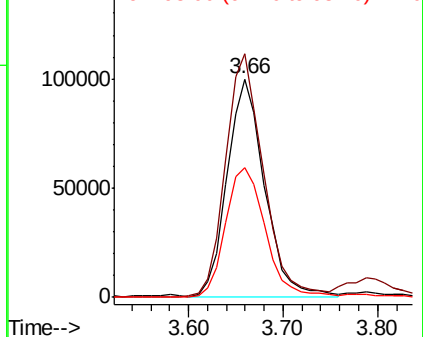
cis-1,2-Dichloroethene
Concen: 20.542 ug/l
RT: 3.66 min Scan# 317
Delta R.T. -0.01 min
Lab File: VF062823.D
Acq: 3 Jun 2019 12:36

Instrument :
MSVOA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
96	100		
61	111.4	0.0	213.8
98	59.3	0.0	127.0



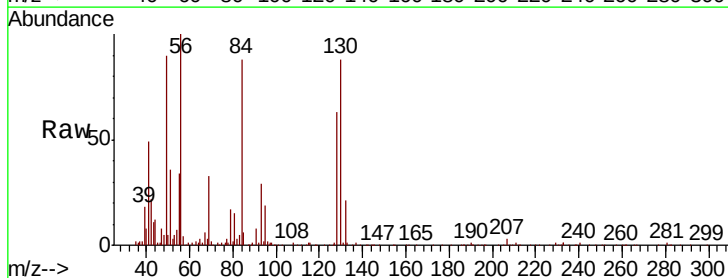
Abundance Ion 96.00 (95.70 to 96.70): VF0
Ion 61.00 (60.70 to 61.70): VF0
Ion 98.00 (97.70 to 98.70): VF0



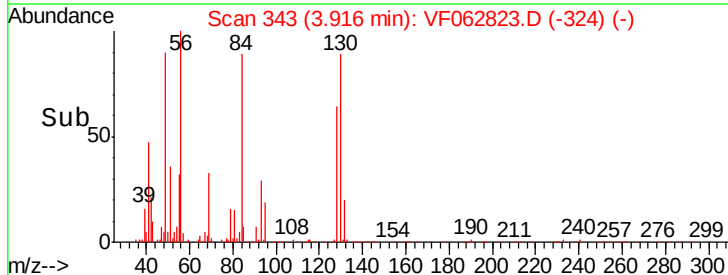
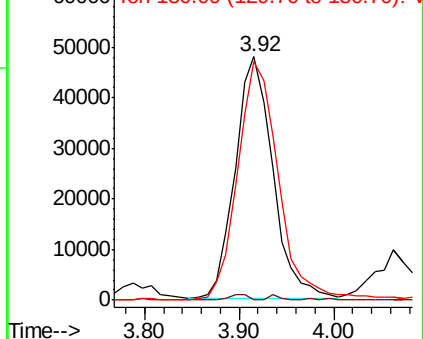
#28

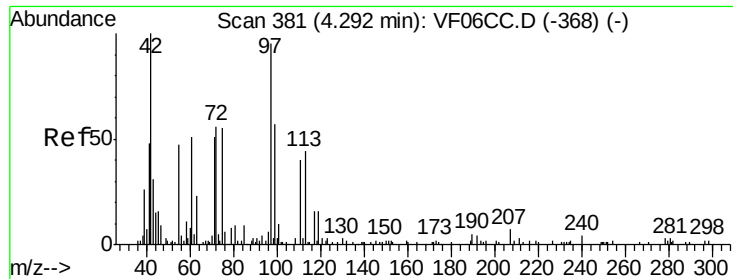
Bromochloromethane
Concen: 18.915 ug/l
RT: 3.92 min Scan# 343
Delta R.T. -0.01 min
Lab File: VF062823.D
Acq: 3 Jun 2019 12:36

Tgt Ion	Ratio	Lower	Upper
49	100		
129	0.0	0.0	5.4
130	99.5	79.2	118.8



Abundance Ion 49.00 (48.70 to 49.70): VF0
Ion 129.00 (128.70 to 129.70): V
Ion 130.00 (129.70 to 130.70): V

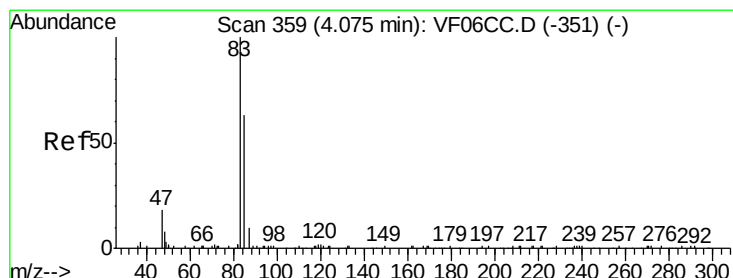
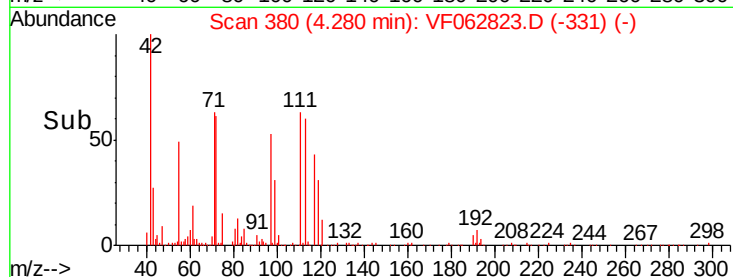
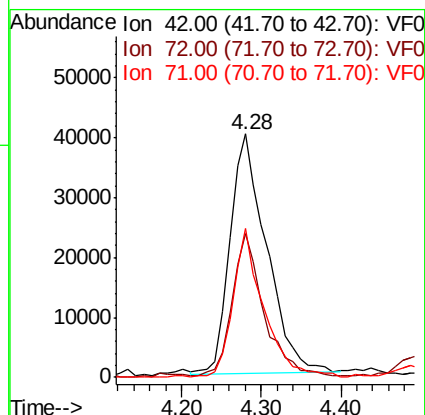
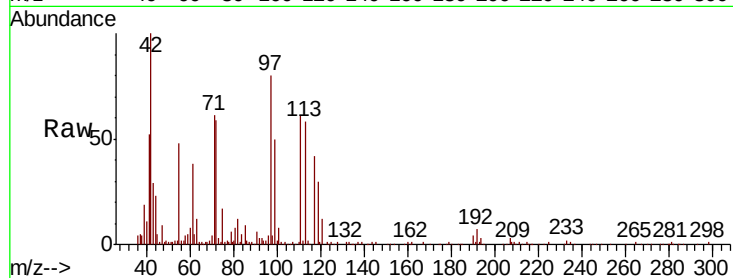




#29
Tetrahydrofuran
Concen: 96.103 ug/l
RT: 4.28 min Scan# 380
Delta R.T. -0.01 min
Lab File: VF062823.D
Acq: 3 Jun 2019 12:36

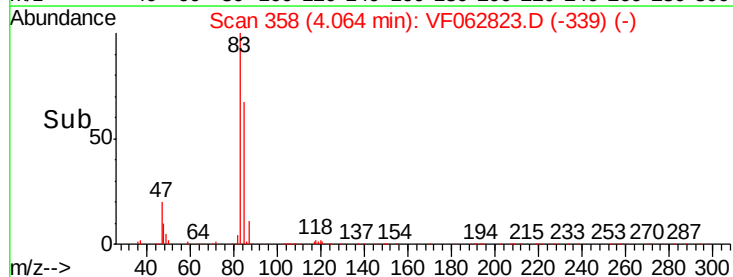
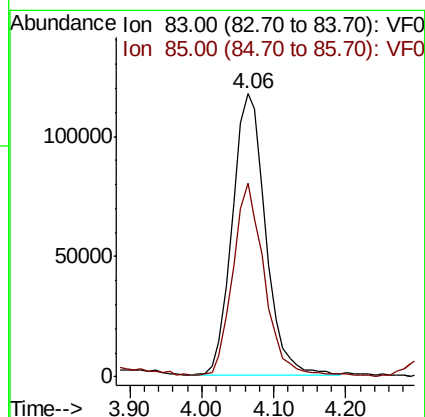
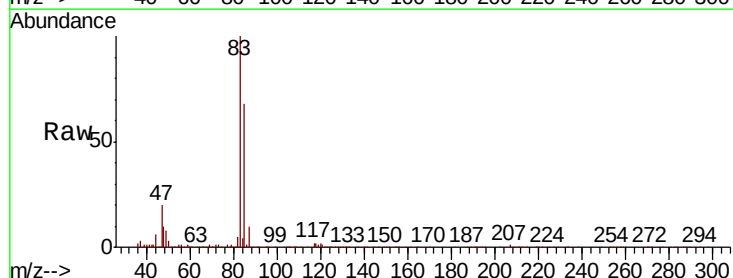
Instrument :
MSVOA_F
ClientSampled :

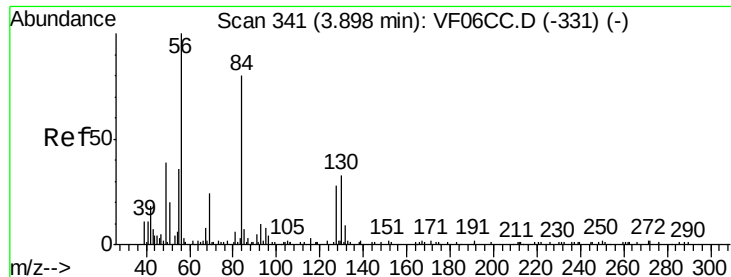
Tot Ion: 42 Resp: 128308
Ion Ratio Lower Upper
42 100
72 52.3 39.0 58.6
71 52.6 36.9 55.3



#30
Chloroform
Concen: 20.547 ug/l
RT: 4.06 min Scan# 358
Delta R.T. -0.01 min
Lab File: VF062823.D
Acq: 3 Jun 2019 12:36

Tgt Ion: 83 Resp: 375059
Ion Ratio Lower Upper
83 100
85 68.4 55.0 82.6

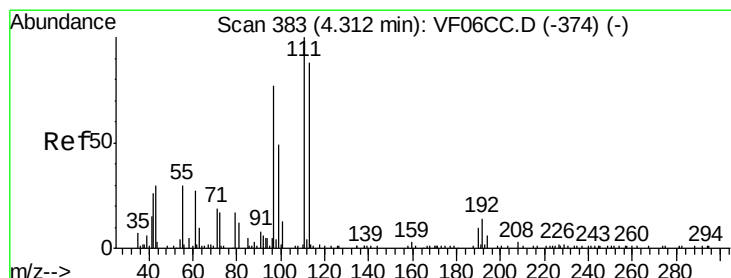
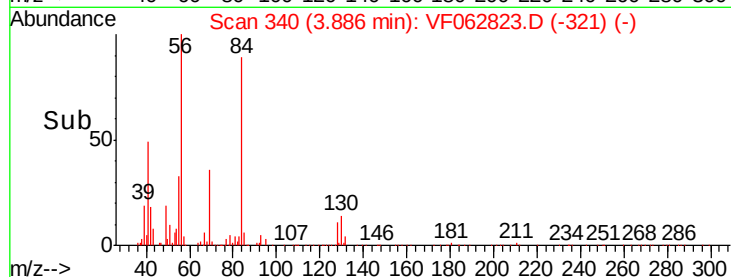
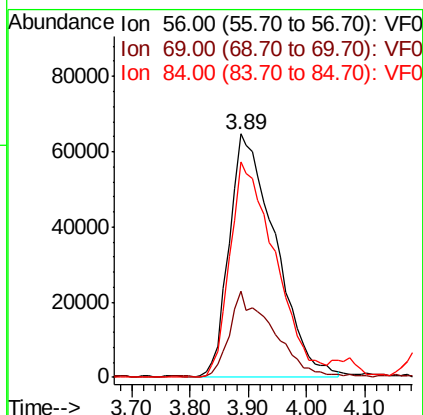
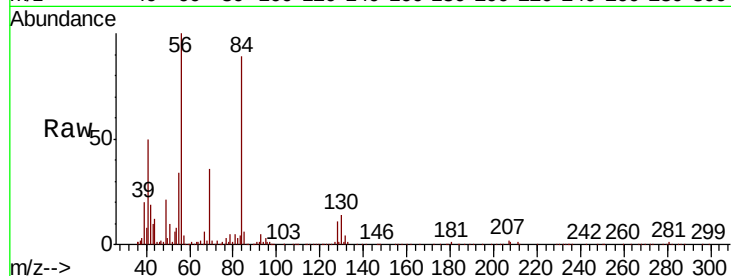




#31
Cyclohexane
Concen: 20.347 ug/l
RT: 3.89 min Scan# 340
Delta R.T. -0.01 min
Lab File: VF062823.D
Acq: 3 Jun 2019 12:36

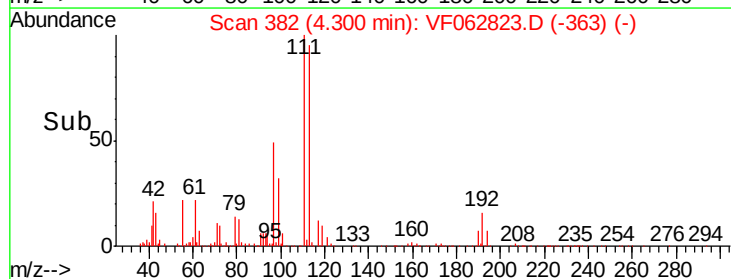
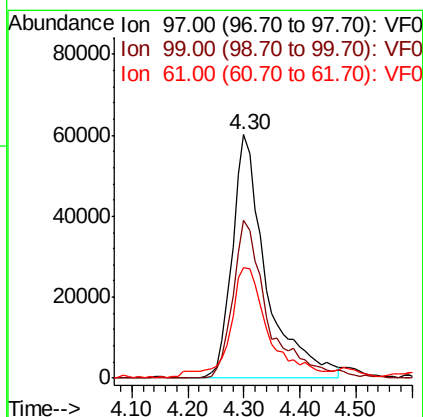
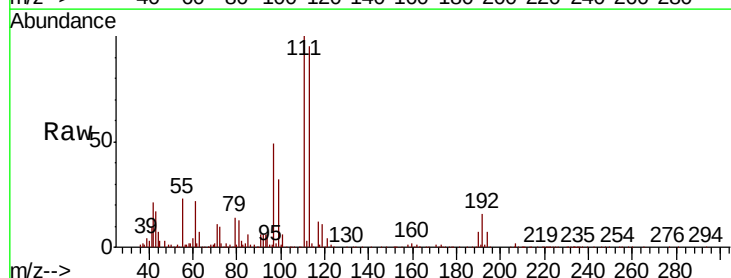
Instrument :
MSVOA_F
ClientSampleId :

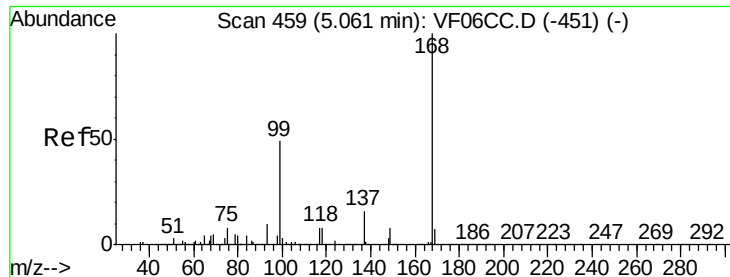
Tot Ion: 56 Resp: 356788
Ion Ratio Lower Upper
56 100
69 35.6 26.7 40.1
84 88.7 74.3 111.5



#32
1,1,1-Trichloroethane
Concen: 23.605 ug/l
RT: 4.30 min Scan# 382
Delta R.T. -0.01 min
Lab File: VF062823.D
Acq: 3 Jun 2019 12:36

Tgt Ion: 97 Resp: 250874
Ion Ratio Lower Upper
97 100
99 64.8 51.7 77.5
61 45.6 38.9 58.3

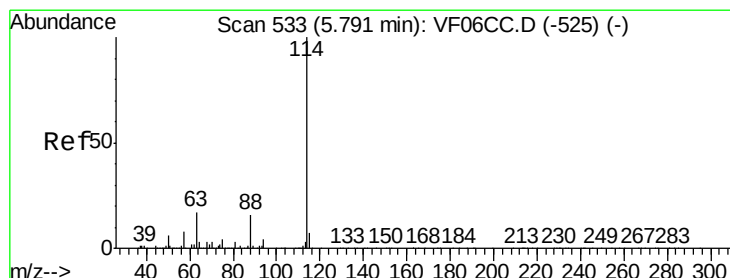
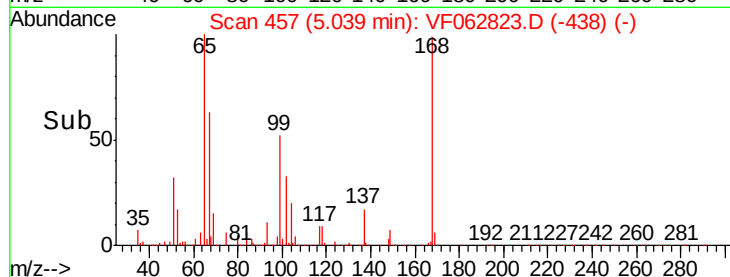
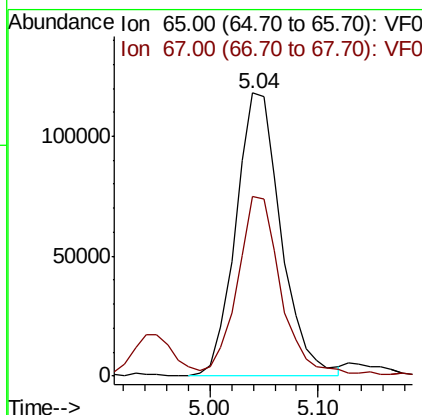
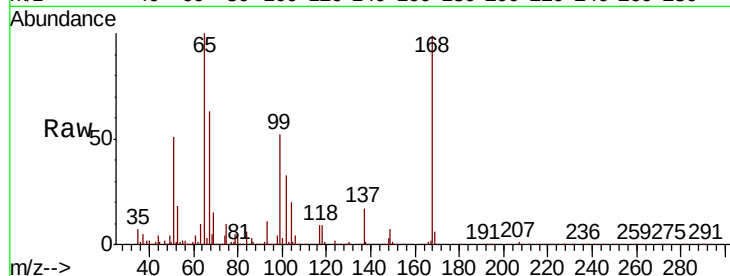




#33
 1,2-Dichloroethane-d4
 Concen: 52.094 ug/l
 RT: 5.04 min Scan# 457
 Delta R.T. -0.01 min
 Lab File: VF062823.D
 Acq: 3 Jun 2019 12:36

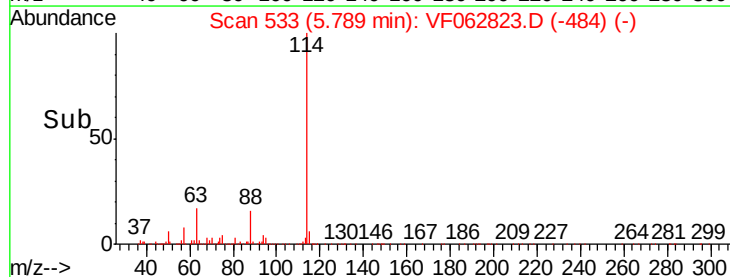
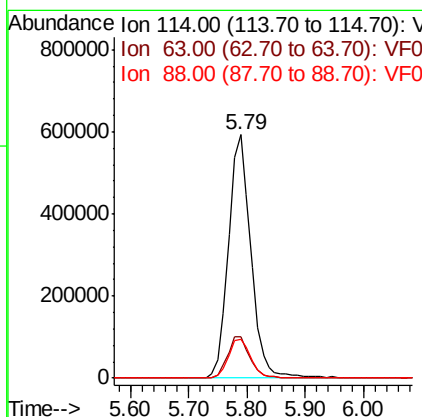
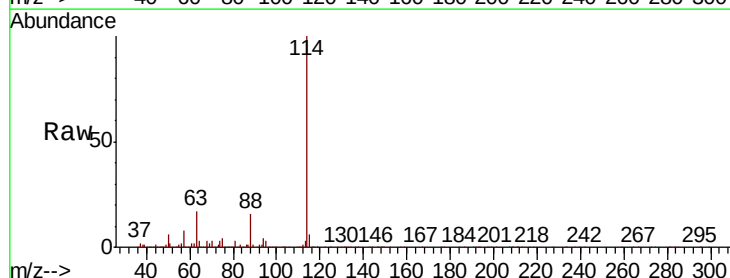
Instrument :
 MSVOA_F
 ClientSampleId :

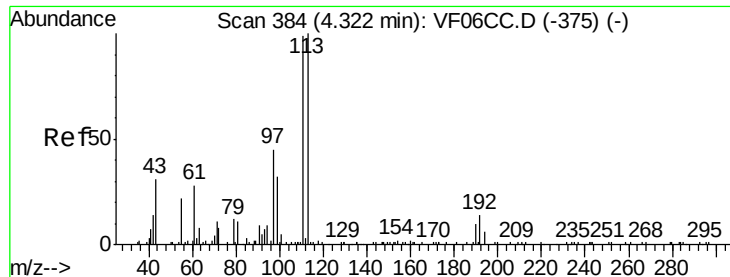
Tot Ion: 65 Resp: 341175
 Ion Ratio Lower Upper
 65 100
 67 63.4 0.0 121.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.79 min Scan# 533
 Delta R.T. -0.01 min
 Lab File: VF062823.D
 Acq: 3 Jun 2019 12:36

Tgt Ion: 114 Resp: 1585277
 Ion Ratio Lower Upper
 114 100
 63 17.1 0.0 34.2
 88 15.7 0.0 31.2

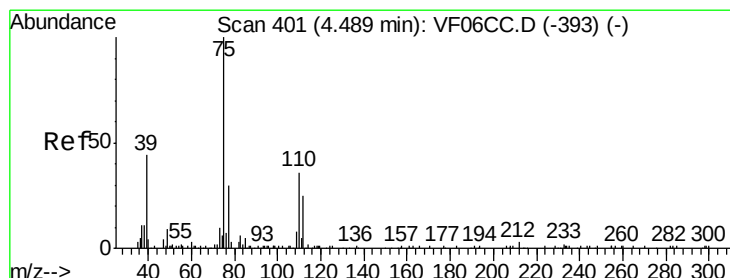
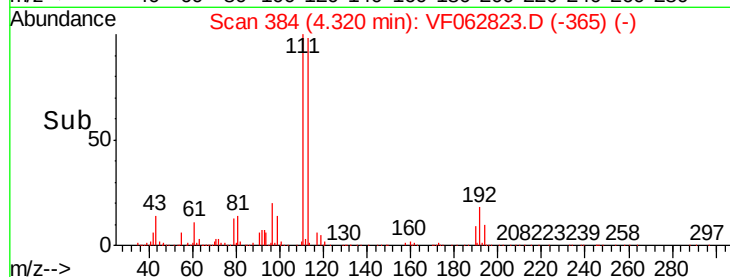
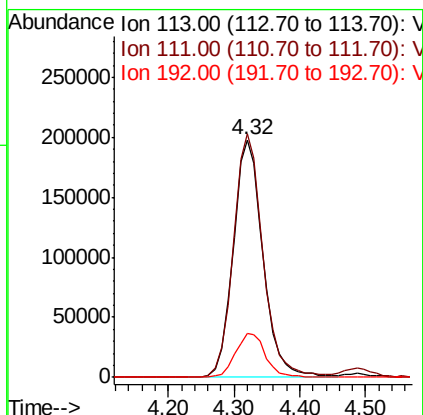
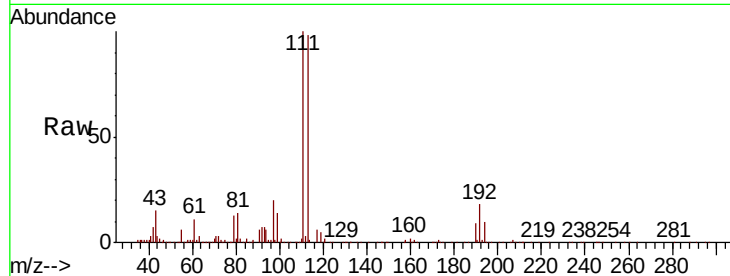




#35
 Dibromofluoromethane
 Concen: 52.056 ug/l
 RT: 4.32 min Scan# 384
 Delta R.T. -0.01 min
 Lab File: VF062823.D
 Acq: 3 Jun 2019 12:36

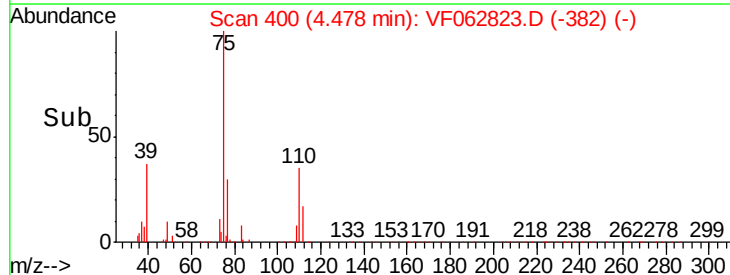
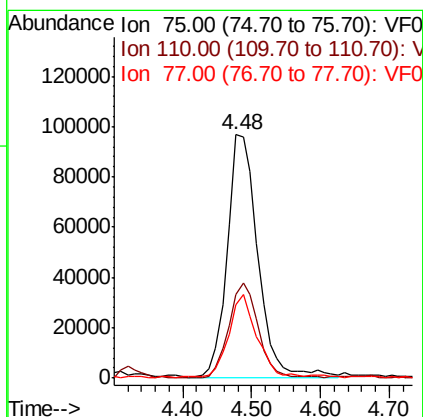
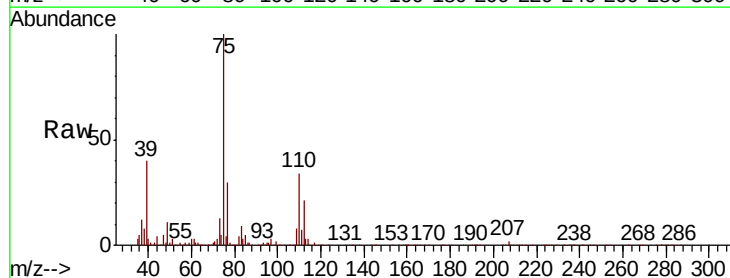
Instrument :
 MSVOA_F
 ClientSampled :

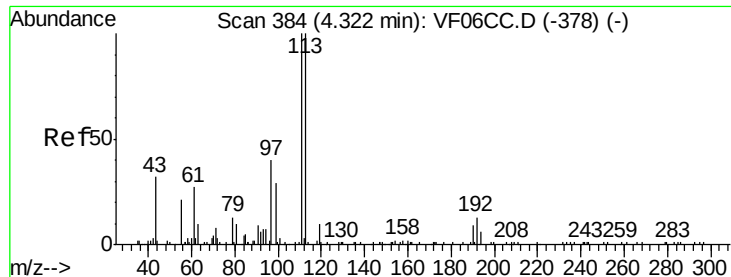
Tot Ion	Ratio	Lower	Upper
113	100		
111	102.5	81.9	122.9
192	18.5	15.1	22.7



#36
 1,1-Dichloropropene
 Concen: 20.347 ug/l
 RT: 4.48 min Scan# 400
 Delta R.T. -0.02 min
 Lab File: VF062823.D
 Acq: 3 Jun 2019 12:36

Tgt Ion	Ratio	Lower	Upper
75	100		
110	34.1	19.4	58.1
77	30.4	25.4	38.2





#37

Ethyl Acetate

Concen: 20.007 ug/l

RT: 4.31 min Scan# 383

Delta R.T. -0.02 min

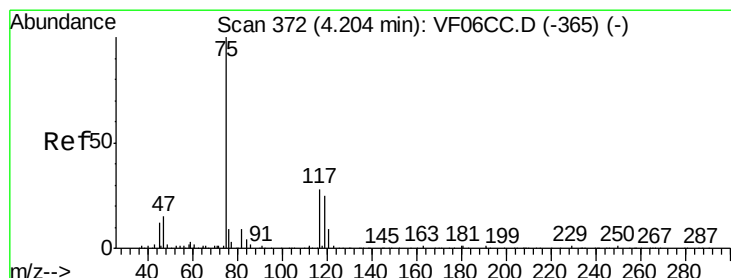
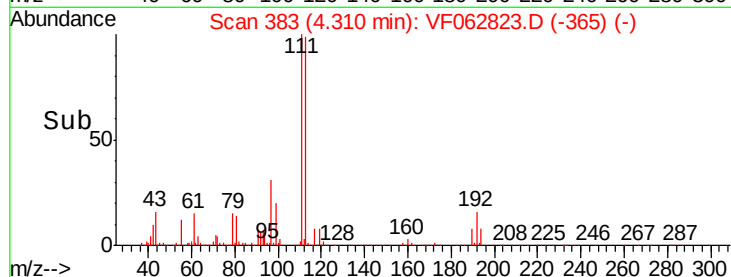
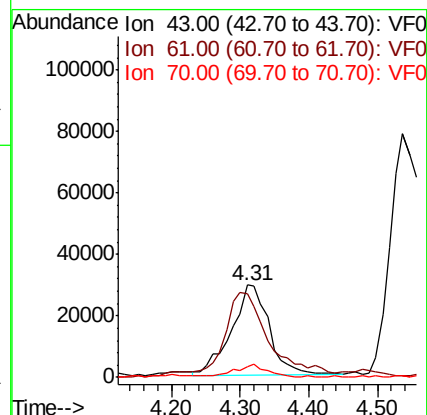
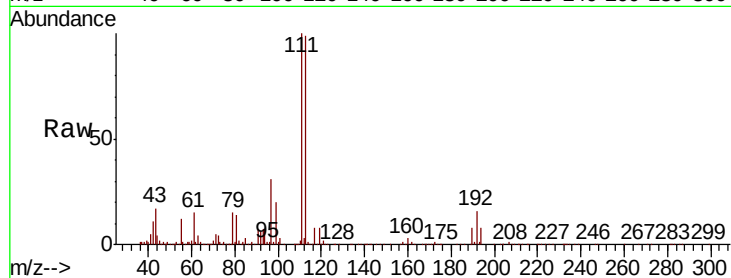
Lab File: VF062823.D

Acq: 3 Jun 2019 12:36

Instrument :
MSVOA_F
ClientSampled :

Tot Ion: 43 Resp: 111615

Ion	Ratio	Lower	Upper
43	100		
61	90.2	59.1	88.7#
70	11.2	10.1	15.1



#38

Carbon Tetrachloride

Concen: 22.935 ug/l

RT: 4.19 min Scan# 371

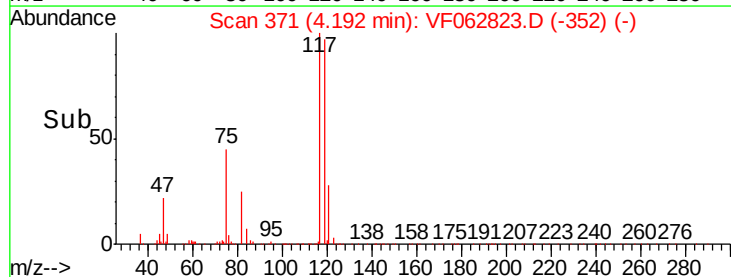
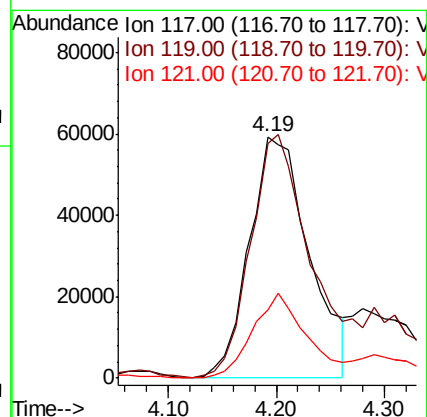
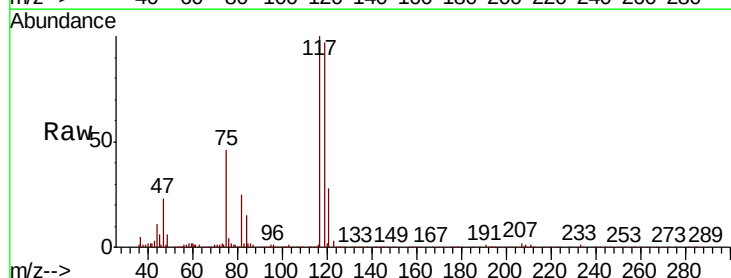
Delta R.T. -0.01 min

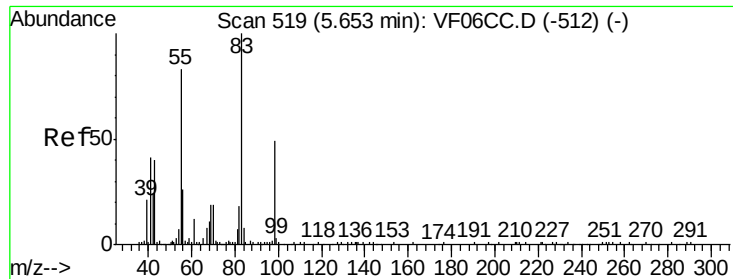
Lab File: VF062823.D

Acq: 3 Jun 2019 12:36

Tgt Ion: 117 Resp: 226213

Ion	Ratio	Lower	Upper
117	100		
119	97.1	78.2	117.2
121	28.5	28.2	42.2

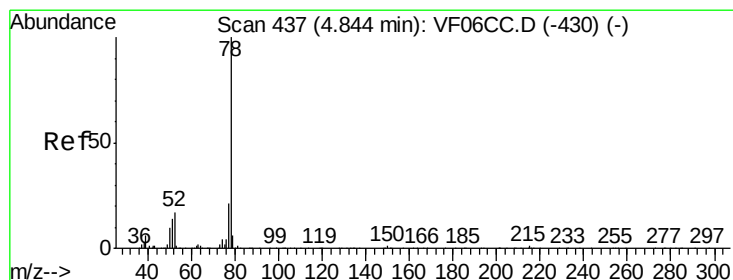
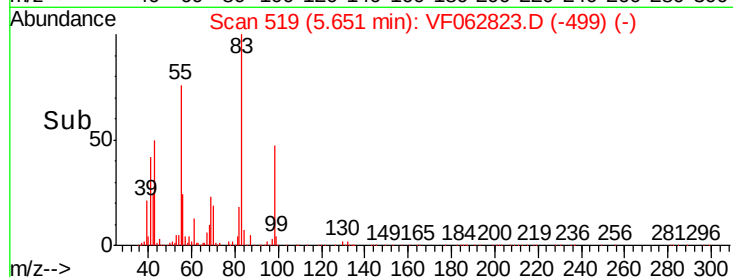
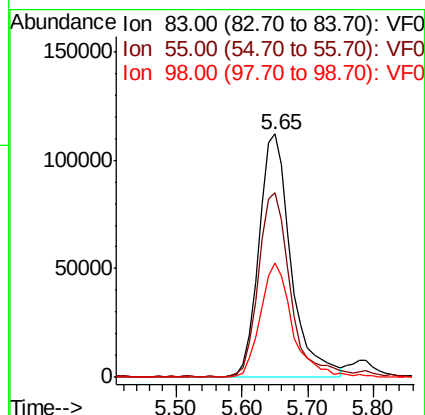
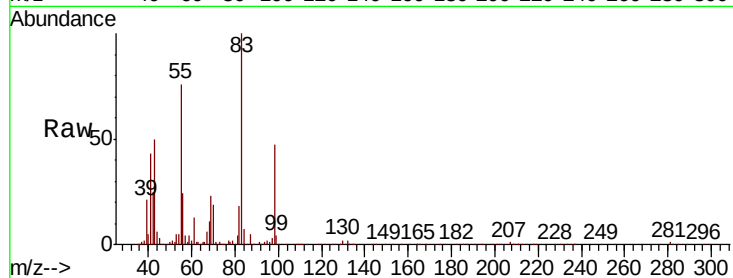




#39
Methylcyclohexane
Concen: 21.029 ug/l
RT: 5.65 min Scan# 519
Delta R.T. -0.00 min
Lab File: VF062823.D
Acq: 3 Jun 2019 12:36

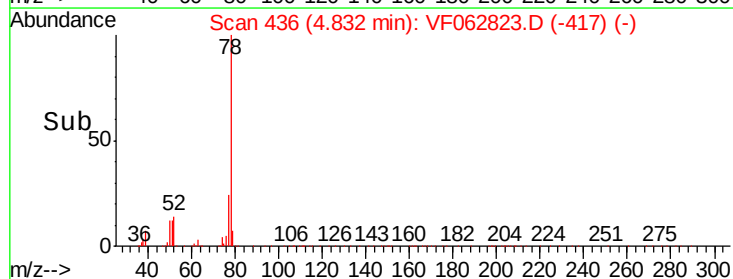
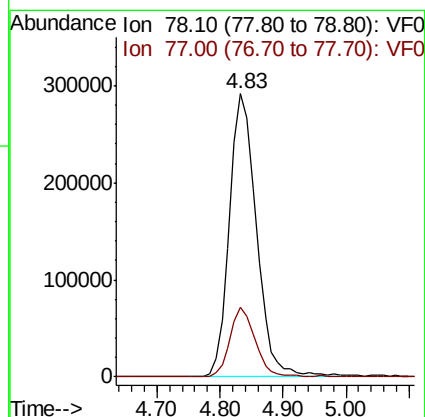
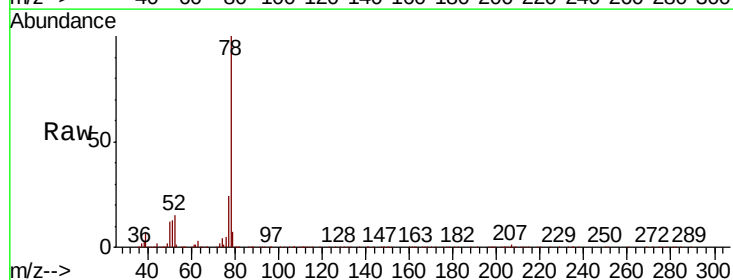
Instrument :
MSVOA_F
ClientSampled :

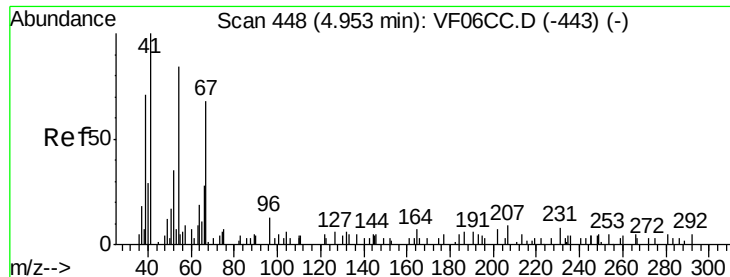
Tot Ion	Ratio	Lower	Upper
83	100		
55	76.1	61.6	92.4
98	47.1	37.4	56.2



#40
Benzene
Concen: 20.356 ug/l
RT: 4.83 min Scan# 436
Delta R.T. -0.01 min
Lab File: VF062823.D
Acq: 3 Jun 2019 12:36

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.5	18.9	28.3

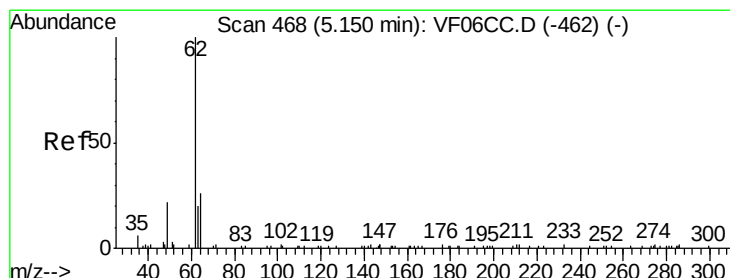
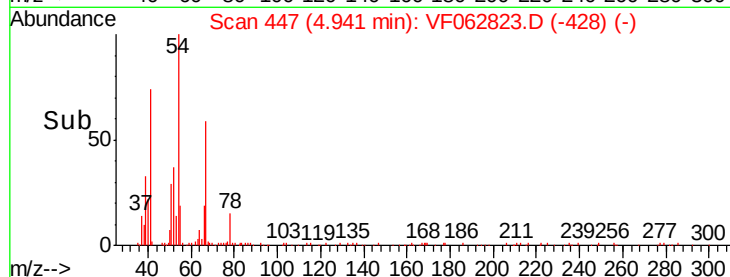
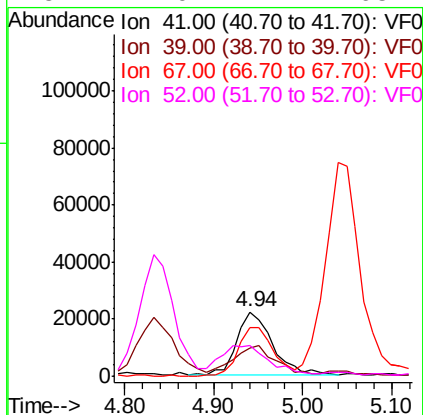
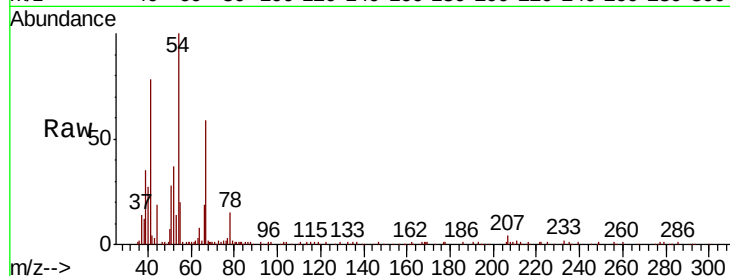




#41
Methacrylonitrile
Concen: 19.592 ug/l
RT: 4.94 min Scan# 447
Delta R.T. -0.01 min
Lab File: VF062823.D
Acq: 3 Jun 2019 12:36

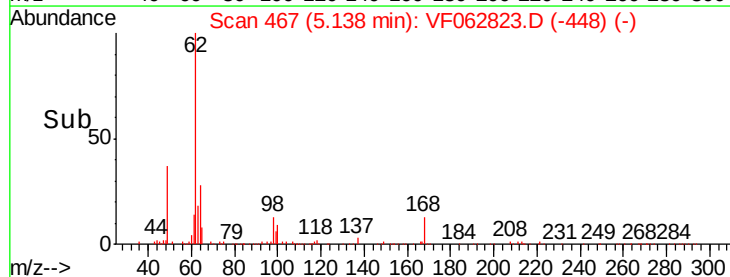
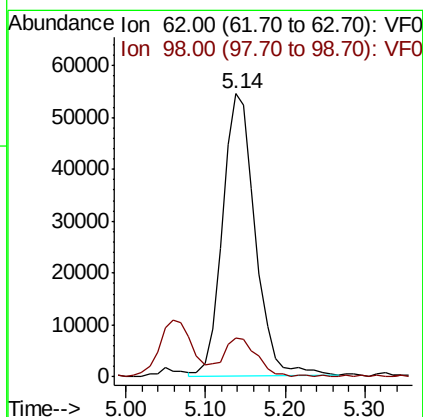
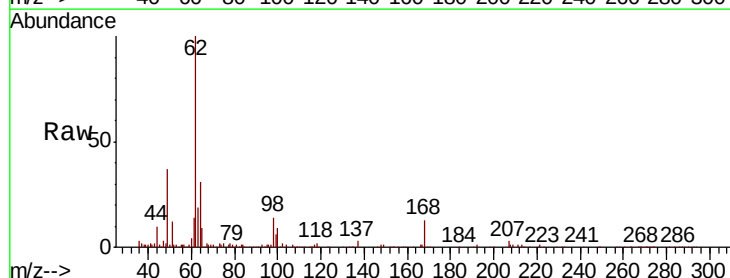
Instrument :
MSVOA_F
ClientSampled :

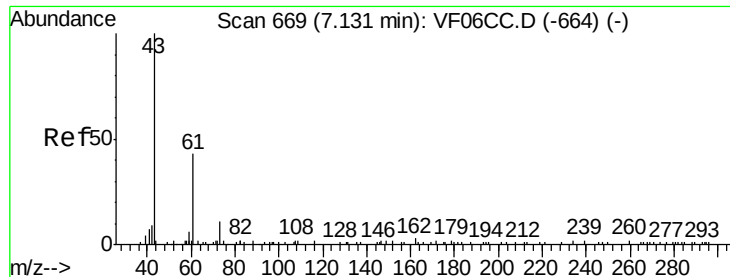
Tot Ion:	41	Resp:	60762
Ion	Ratio	Lower	Upper
41	100		
39	44.5	42.0	63.0
67	75.7	61.4	92.0
52	47.0	42.1	63.1



#42
1,2-Dichloroethane
Concen: 19.322 ug/l
RT: 5.14 min Scan# 467
Delta R.T. -0.01 min
Lab File: VF062823.D
Acq: 3 Jun 2019 12:36

Tgt Ion:	62	Resp:	156087
Ion	Ratio	Lower	Upper
62	100		
98	13.6	0.0	24.0





#43

Isopropyl Acetate

Concen: 20.226 ug/l

RT: 7.12 min Scan# 668

Delta R.T. -0.01 min

Lab File: VF062823.D

Acq: 3 Jun 2019 12:36

Instrument :

MSVOA_F

ClientSampleId :

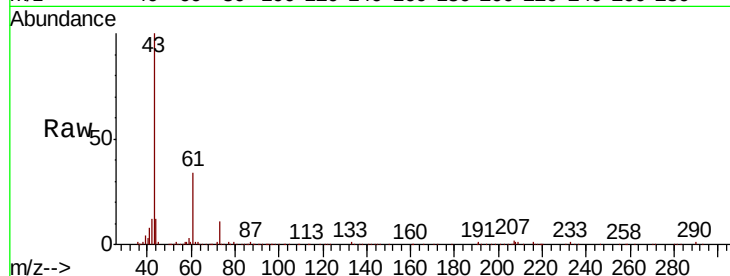
Tot Ion: 43 Resp: 149058

Ion Ratio Lower Upper

43 100

61 34.3 29.8 44.6

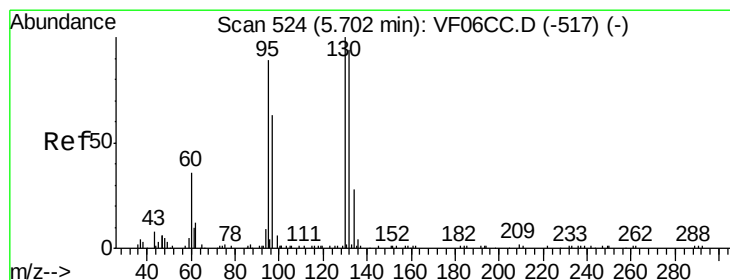
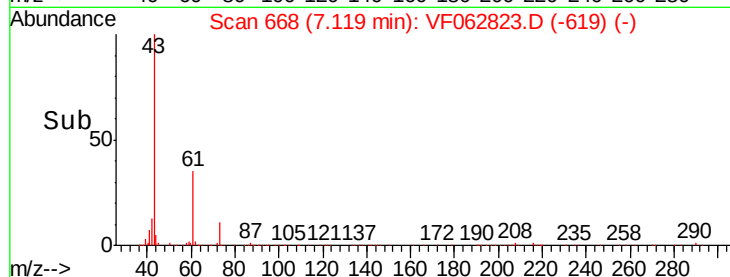
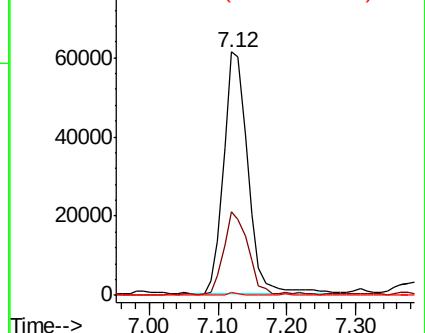
87 1.0 0.3 0.5#



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: 20.460 ug/l

RT: 5.70 min Scan# 524

Delta R.T. -0.00 min

Lab File: VF062823.D

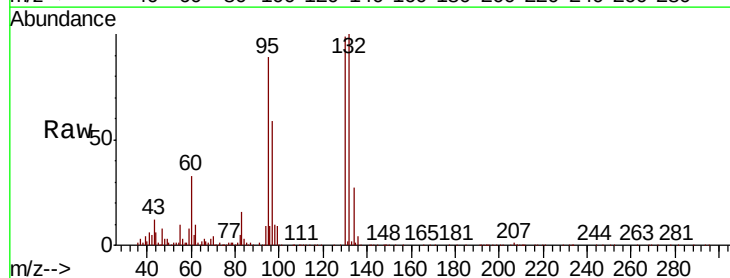
Acq: 3 Jun 2019 12:36

Tgt Ion:130 Resp: 245258

Ion Ratio Lower Upper

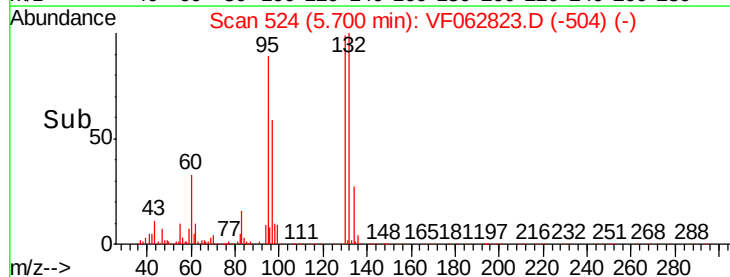
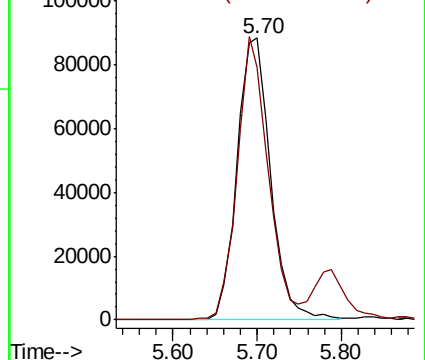
130 100

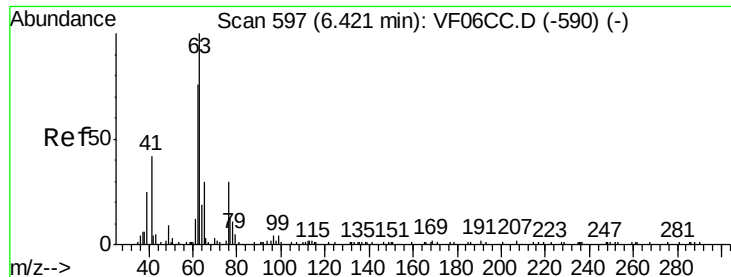
95 89.8 0.0 188.2



Abundance Ion 129.90 (129.60 to 130.60): V

Ion 94.90 (94.60 to 95.60): VF0





#45

1,2-Dichloropropane

Concen: 20.885 ug/l

RT: 6.42 min Scan# 597

Delta R.T. -0.01 min

Lab File: VF062823.D

Acq: 3 Jun 2019 12:36

Instrument :

MSVOA_F

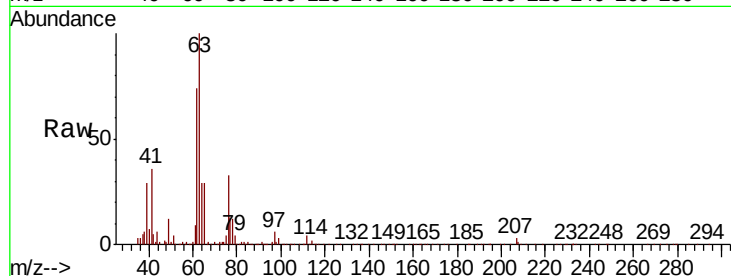
ClientSampleId :

Tot Ion: 63 Resp: 222600

Ion Ratio Lower Upper

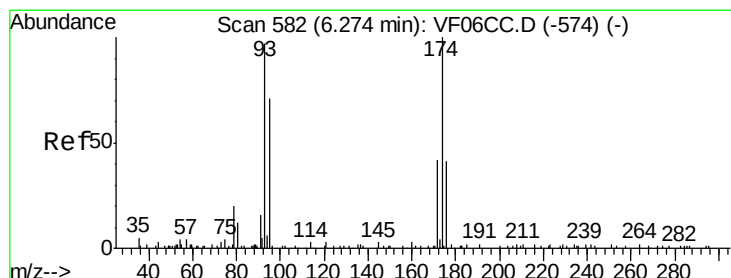
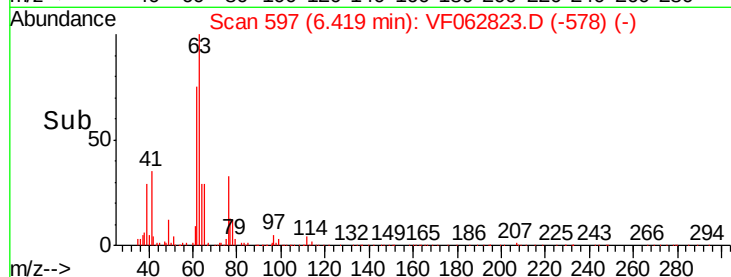
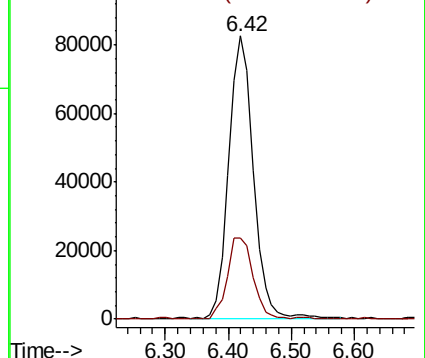
63 100

65 28.6 24.2 36.2



Abundance Ion 63.00 (62.70 to 63.70): VF0

Ion 65.00 (64.70 to 65.70): VF0



#46

Dibromomethane

Concen: 21.225 ug/l

RT: 6.27 min Scan# 582

Delta R.T. -0.01 min

Lab File: VF062823.D

Acq: 3 Jun 2019 12:36

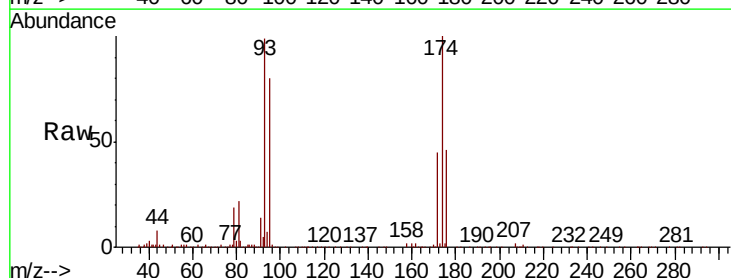
Tgt Ion: 93 Resp: 132085

Ion Ratio Lower Upper

93 100

95 81.4 67.9 101.9

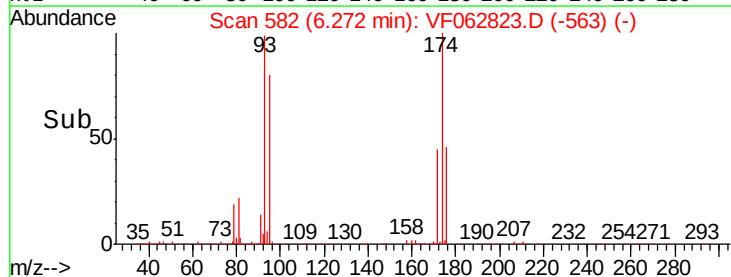
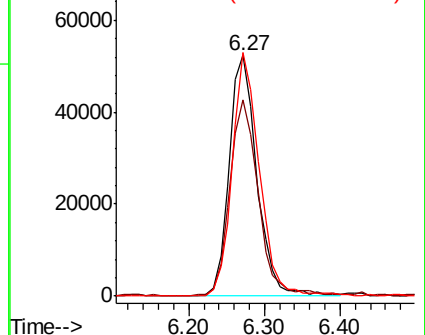
174 101.2 85.0 127.4

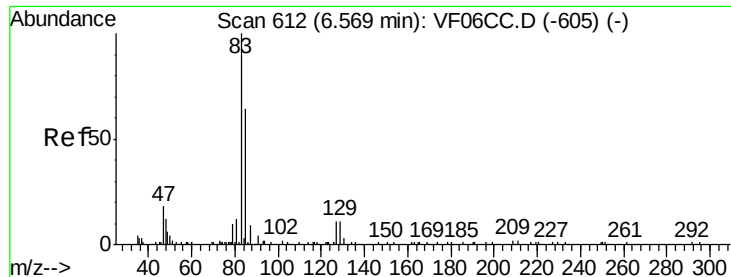


Abundance Ion 93.00 (92.70 to 93.70): VF0

Ion 95.00 (94.70 to 95.70): VF0

Ion 174.00 (173.70 to 174.70): V





#47

Bromodichloromethane

Concen: 19.778 ug/l

RT: 6.56 min Scan# 611

Delta R.T. -0.02 min

Lab File: VF062823.D

Acq: 3 Jun 2019 12:36

Instrument :
MSVOA_F
ClientSampleId :

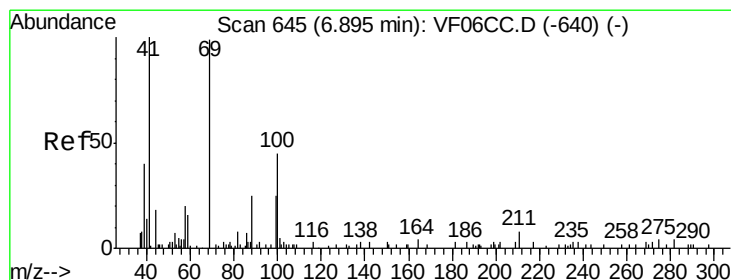
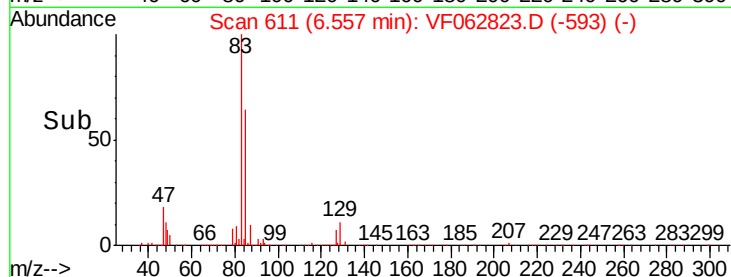
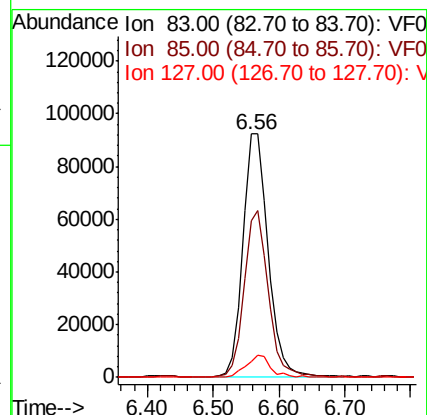
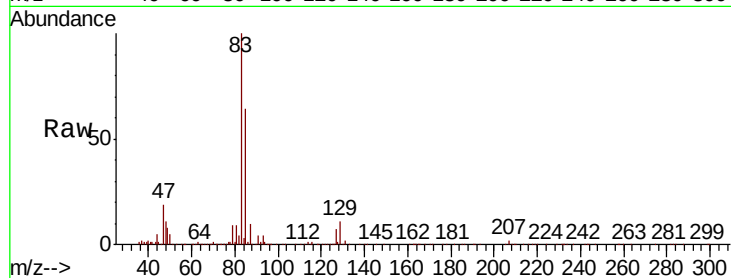
Tot Ion: 83 Resp: 250660

Ion Ratio Lower Upper

83 100

85 64.4 54.2 81.4

127 6.6 7.0 10.4#



#48

Methyl methacrylate

Concen: 17.902 ug/l

RT: 6.89 min Scan# 645

Delta R.T. -0.00 min

Lab File: VF062823.D

Acq: 3 Jun 2019 12:36

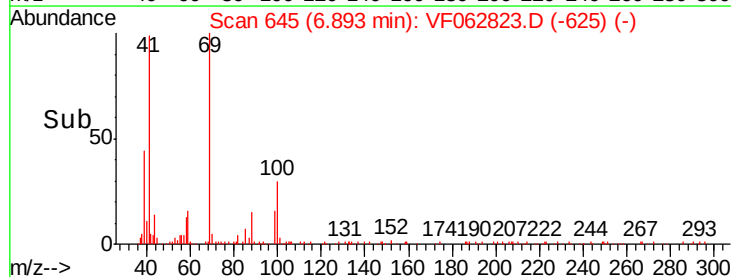
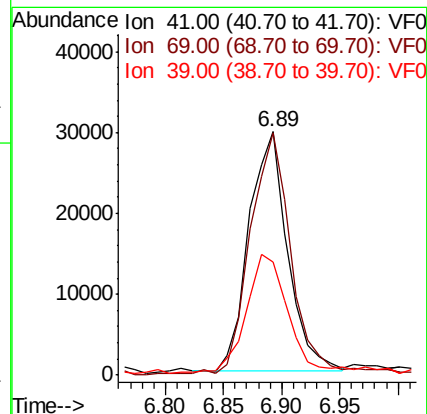
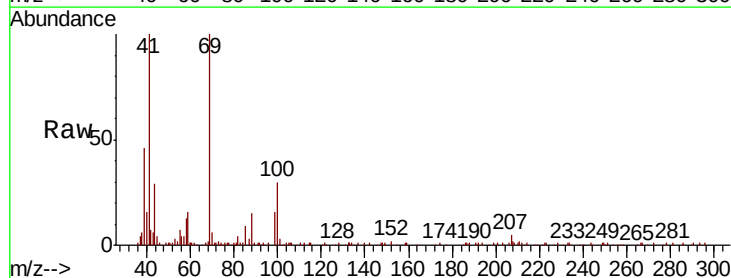
Tgt Ion: 41 Resp: 67992

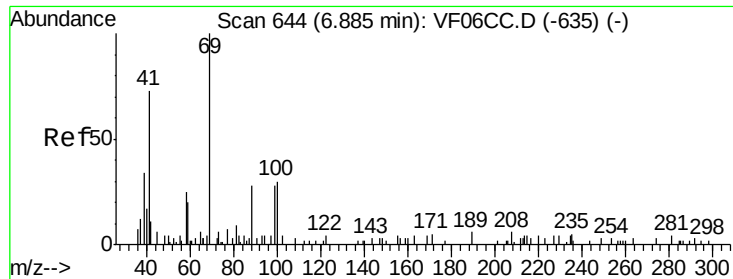
Ion Ratio Lower Upper

41 100

69 99.8 79.4 119.2

39 46.3 39.8 59.6

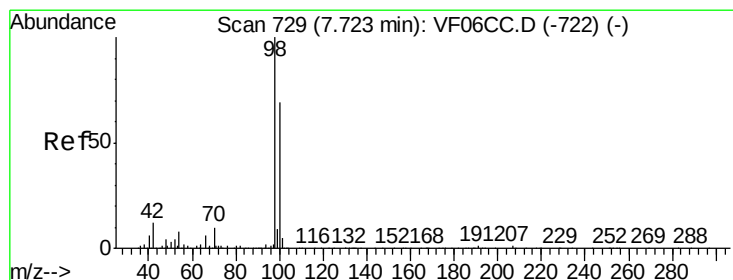
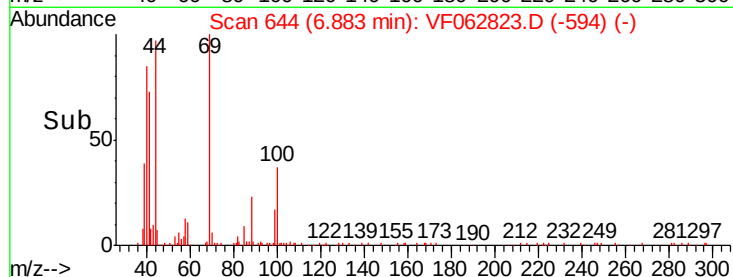
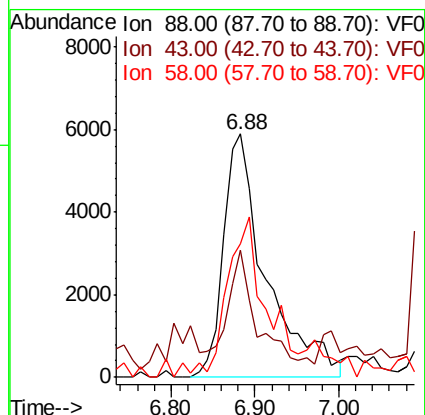
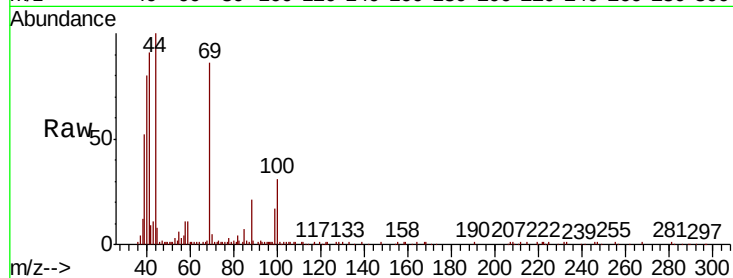




#49
1,4-Dioxane
Concen: 415.464 ug/l
RT: 6.88 min Scan# 644
Delta R.T. -0.00 min
Lab File: VF062823.D
Acq: 3 Jun 2019 12:36

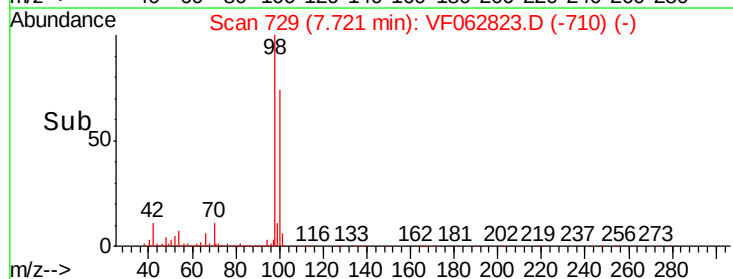
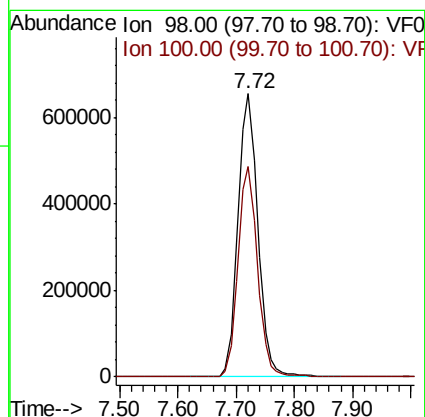
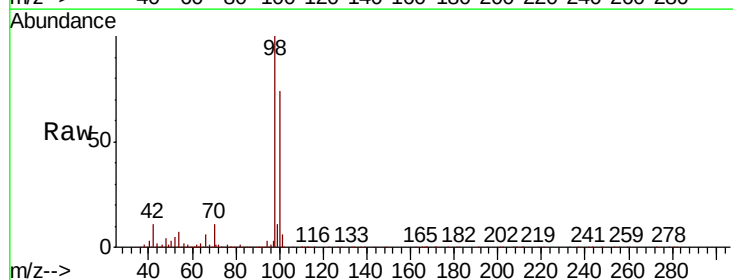
Instrument :
MSVOA_F
ClientSampleId :

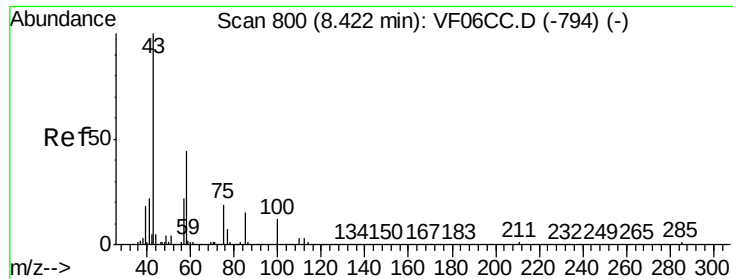
Tot Ion: 88 Resp: 20799
Ion Ratio Lower Upper
88 100
43 52.0 34.8 52.2
58 54.7 59.9 89.9#



#50
Toluene-d8
Concen: 51.795 ug/l
RT: 7.72 min Scan# 729
Delta R.T. -0.01 min
Lab File: VF062823.D
Acq: 3 Jun 2019 12:36

Tgt Ion: 98 Resp: 1569001
Ion Ratio Lower Upper
98 100
100 74.3 59.8 89.8





#51

4-Methyl-2-Pentanone

Concen: 105.854 ug/l

RT: 8.41 min Scan# 799

Delta R.T. -0.01 min

Lab File: VF062823.D

Acq: 3 Jun 2019 12:36

Instrument :

MSVOA_F

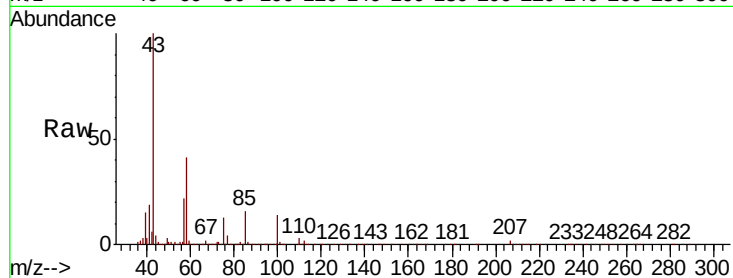
ClientSampled :

Tot Ion: 43 Resp: 556945

Ion Ratio Lower Upper

43 100

58 41.1 35.5 53.3



Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 58.00 (57.70 to 58.70): VF0

8.41

250000

200000

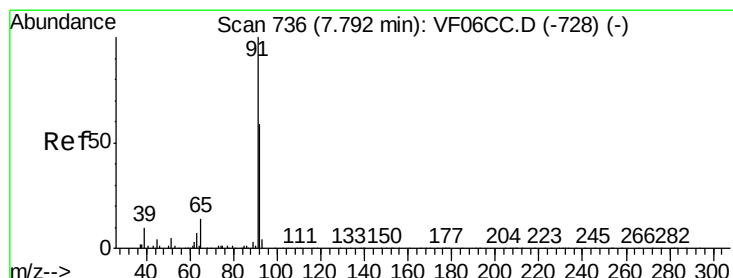
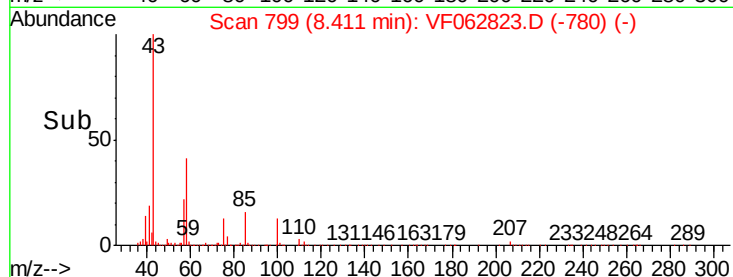
150000

100000

50000

0

Time-->



#52

Toluene

Concen: 20.443 ug/l

RT: 7.79 min Scan# 736

Delta R.T. -0.01 min

Lab File: VF062823.D

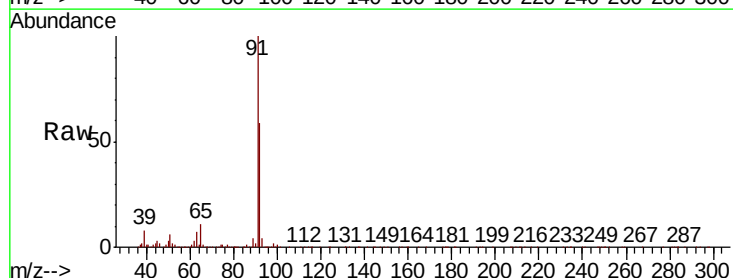
Acq: 3 Jun 2019 12:36

Tgt Ion: 92 Resp: 467678

Ion Ratio Lower Upper

92 100

91 170.4 123.2 184.8



Abundance Ion 92.00 (91.70 to 92.70): VF0

Ion 91.00 (90.70 to 91.70): VF0

400000

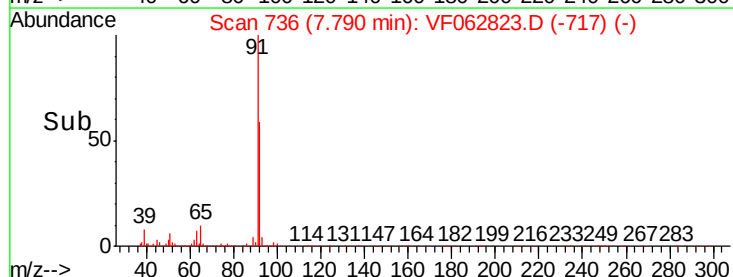
300000

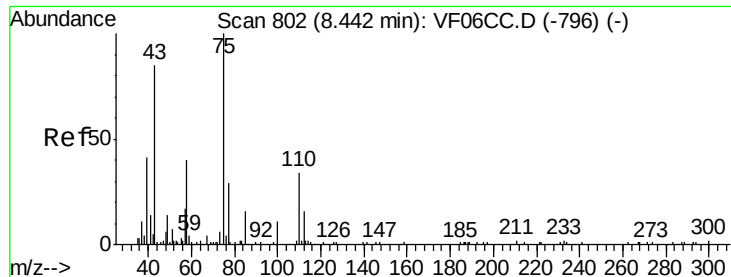
200000

100000

0

Time-->





#53

t-1,3-Dichloropropene

Concen: 21.662 ug/l

RT: 8.43 min Scan# 801

Delta R.T. -0.01 min

Lab File: VF062823.D

Acq: 3 Jun 2019 12:36

Instrument :

MSVOA_F

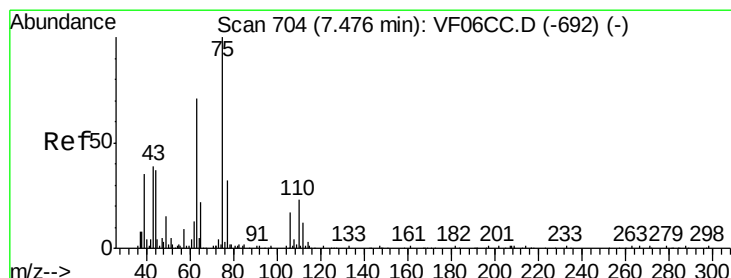
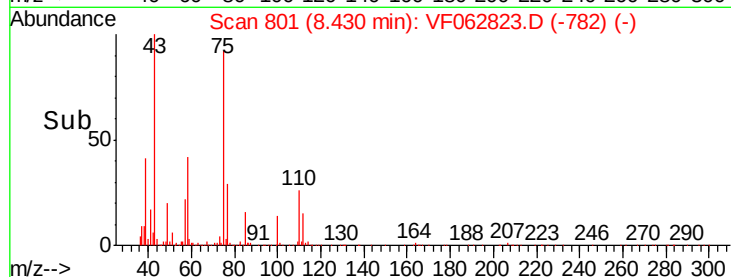
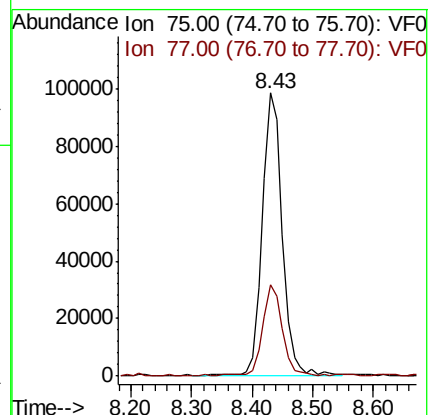
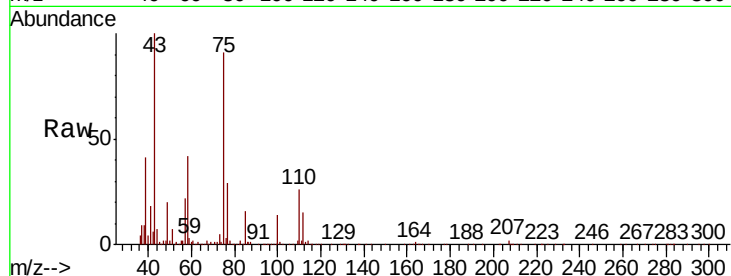
ClientSampled :

Tot Ion: 75 Resp: 227494

Ion Ratio Lower Upper

75 100

77 32.1 25.7 38.5



#54

cis-1,3-Dichloropropene

Concen: 20.220 ug/l

RT: 7.46 min Scan# 703

Delta R.T. -0.01 min

Lab File: VF062823.D

Acq: 3 Jun 2019 12:36

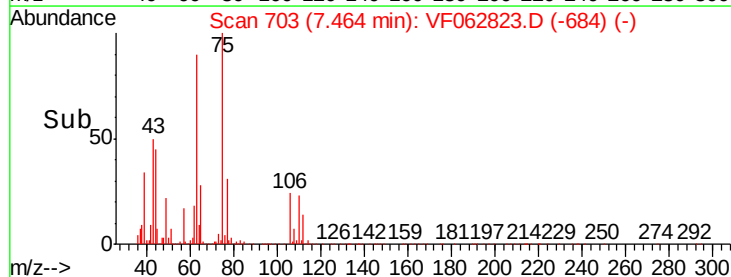
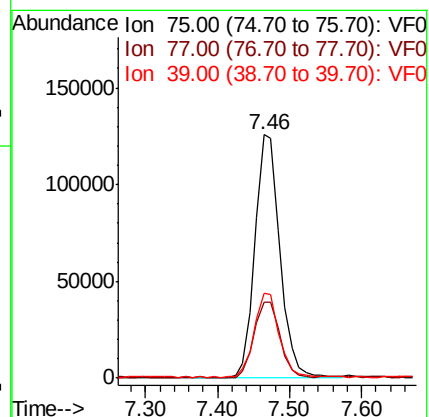
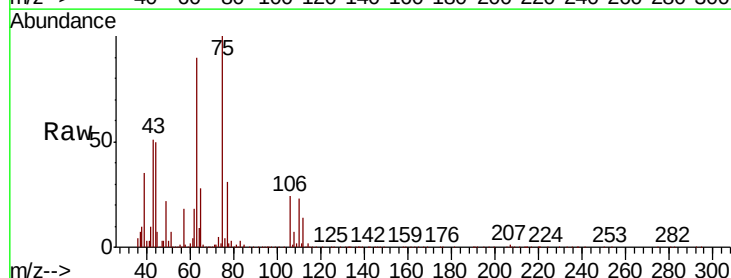
Tgt Ion: 75 Resp: 307374

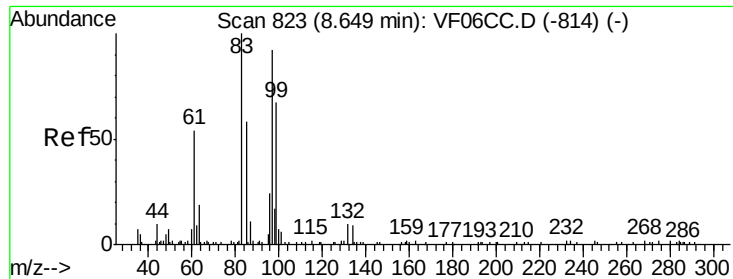
Ion Ratio Lower Upper

75 100

77 31.3 25.8 38.8

39 34.9 28.4 42.6

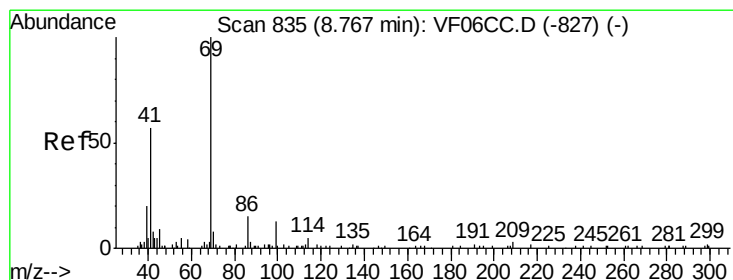
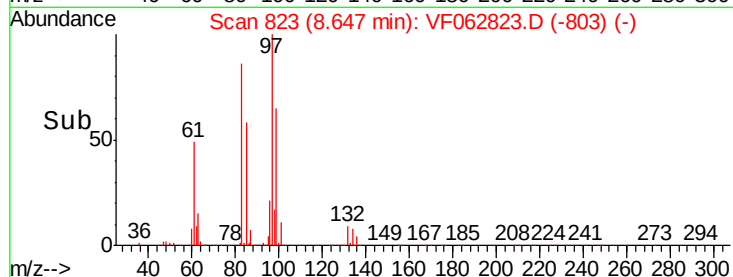
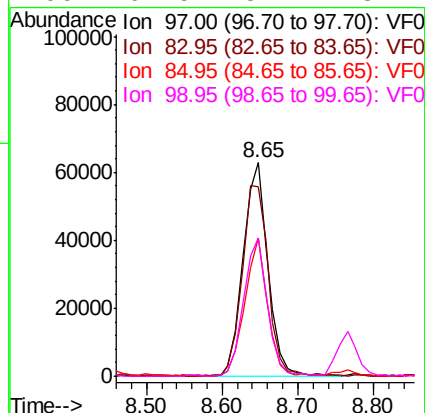
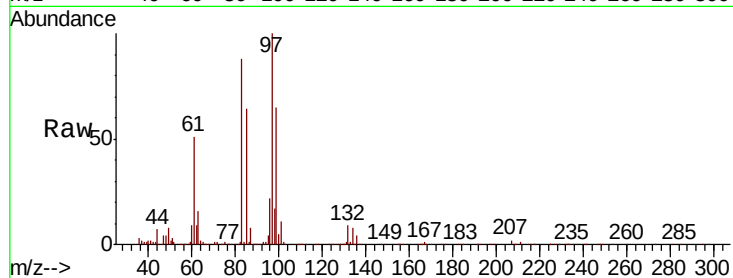




#55
 1,1,2-Trichloroethane
 Concen: 20.814 ug/l
 RT: 8.65 min Scan# 823
 Delta R.T. -0.00 min
 Lab File: VF062823.D
 Acq: 3 Jun 2019 12:36

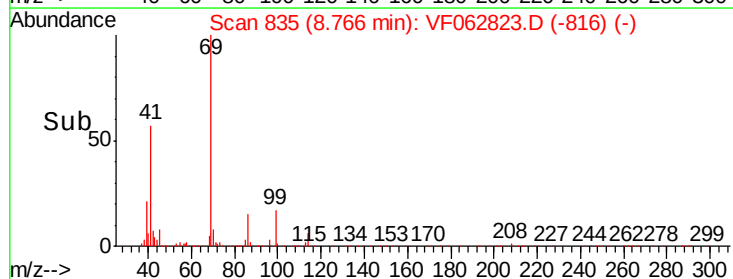
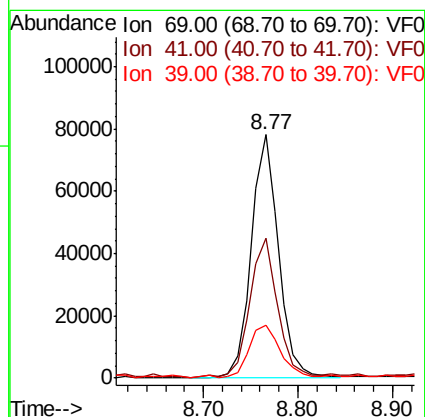
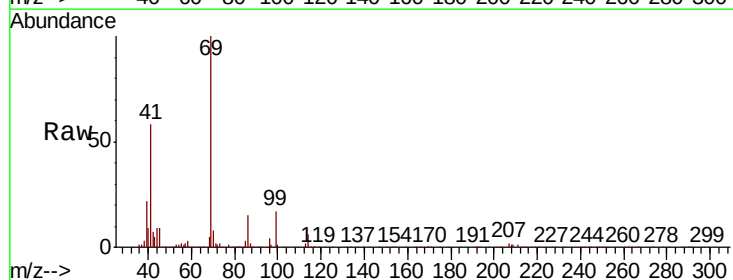
Instrument :
 MSVOA_F
 ClientSampleId :

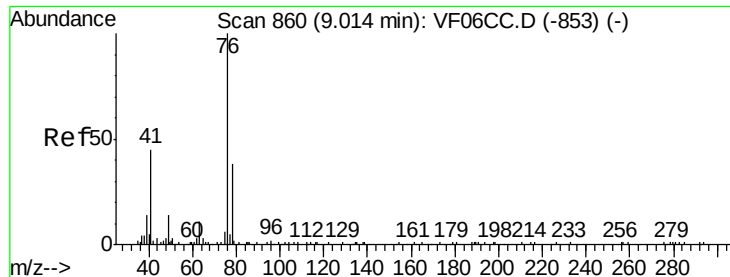
Tot Ion:	97	Resp:	142251
Ion	Ratio	Lower	Upper
97	100		
83	88.5	72.0	108.0
85	64.5	47.5	71.3
99	64.5	54.1	81.1



#56
 Ethyl methacrylate
 Concen: 21.155 ug/l
 RT: 8.77 min Scan# 835
 Delta R.T. -0.01 min
 Lab File: VF062823.D
 Acq: 3 Jun 2019 12:36

Tgt Ion:	69	Resp:	155133
Ion	Ratio	Lower	Upper
69	100		
41	57.5	46.6	69.8
39	21.7	19.6	29.4

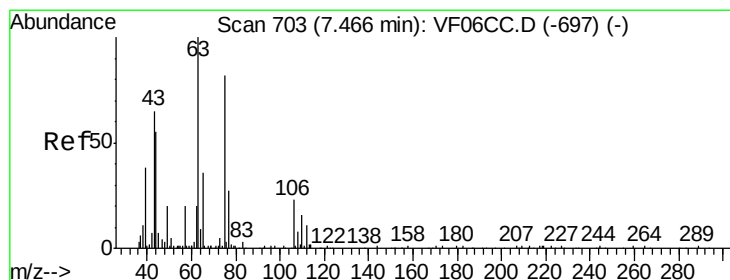
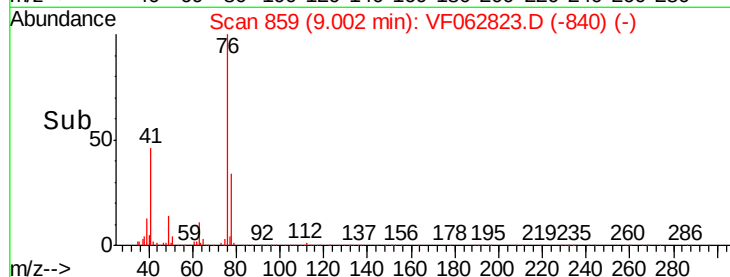
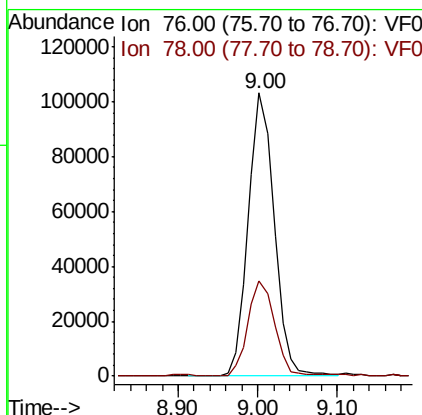
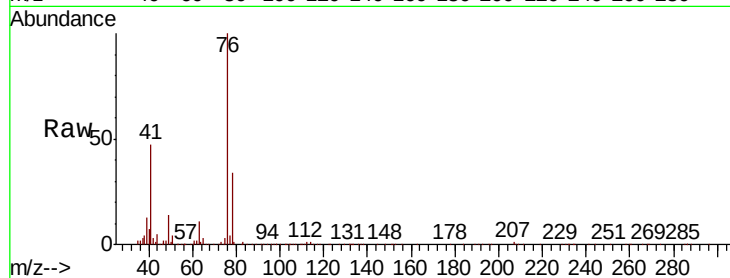




#57
 1,3-Dichloropropane
 Concen: 20.793 ug/l
 RT: 9.00 min Scan# 859
 Delta R.T. -0.01 min
 Lab File: VF062823.D
 Acq: 3 Jun 2019 12:36

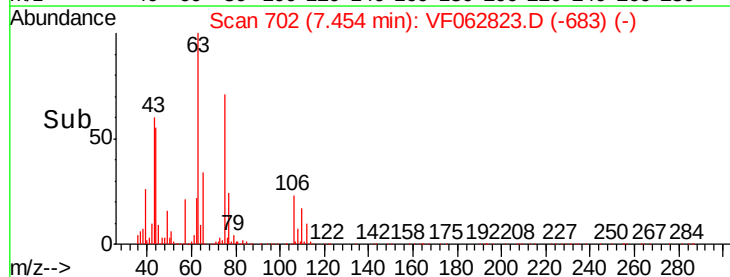
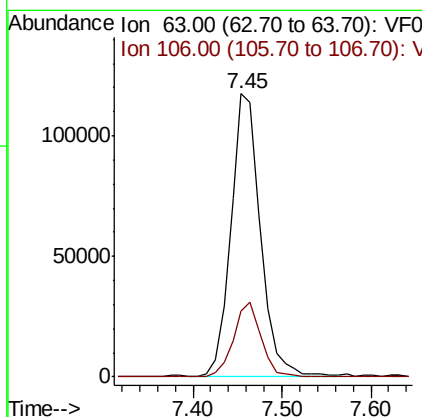
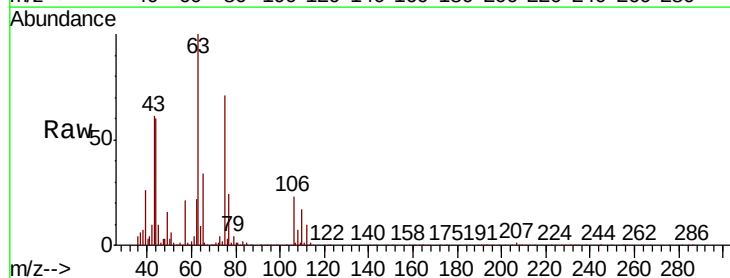
Instrument :
 MSVOA_F
 ClientSampleId :

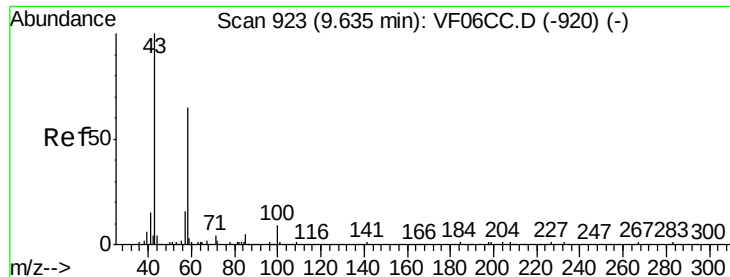
Tot Ion: 76 Resp: 232069
 Ion Ratio Lower Upper
 76 100
 78 33.7 26.8 40.2



#58
 2-Chloroethyl Vinyl ether
 Concen: 105.688 ug/l
 RT: 7.45 min Scan# 702
 Delta R.T. -0.01 min
 Lab File: VF062823.D
 Acq: 3 Jun 2019 12:36

Tgt Ion: 63 Resp: 270862
 Ion Ratio Lower Upper
 63 100
 106 23.2 19.5 29.3

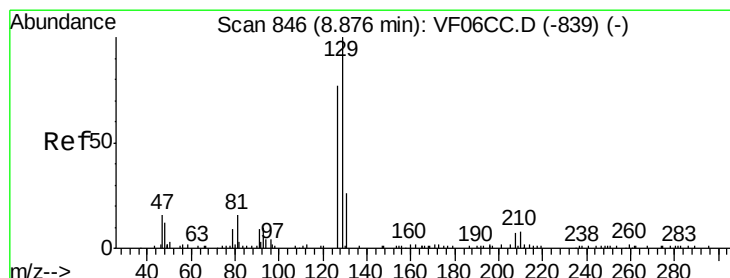
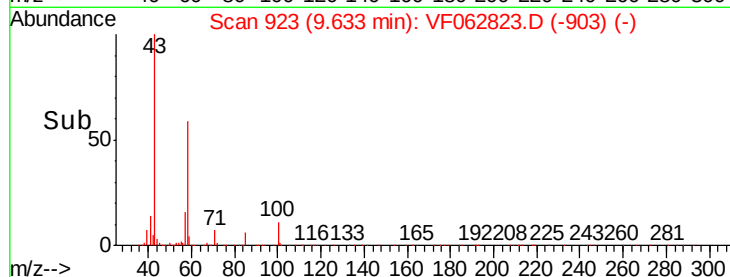
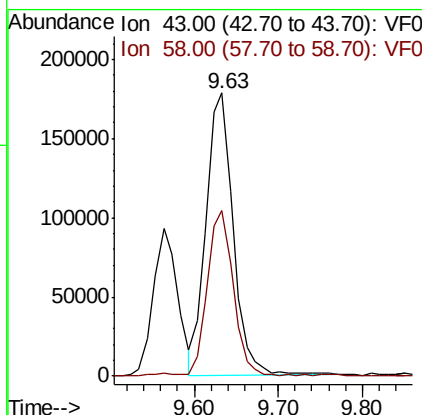
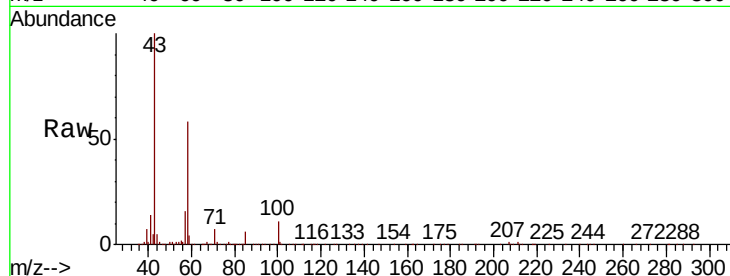




#59
2-Hexanone
Concen: 105.829 ug/l
RT: 9.63 min Scan# 923
Delta R.T. -0.00 min
Lab File: VF062823.D
Acq: 3 Jun 2019 12:36

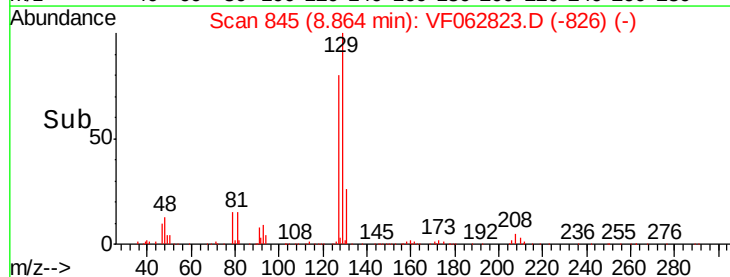
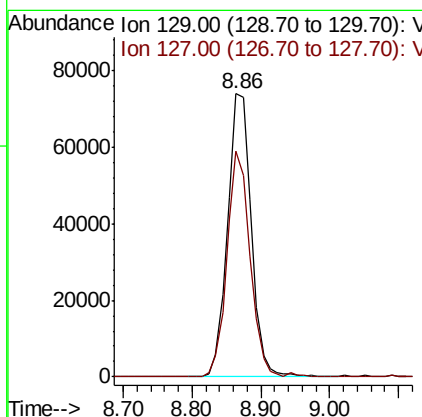
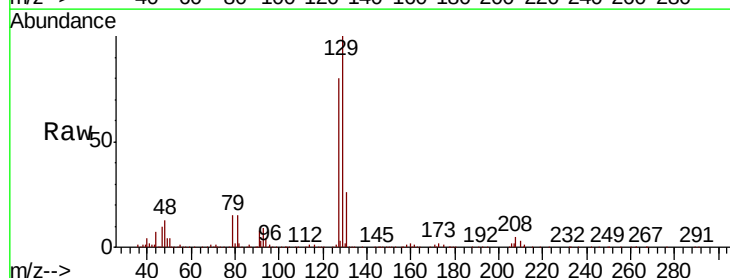
Instrument :
MSVOA_F
ClientSampleId :

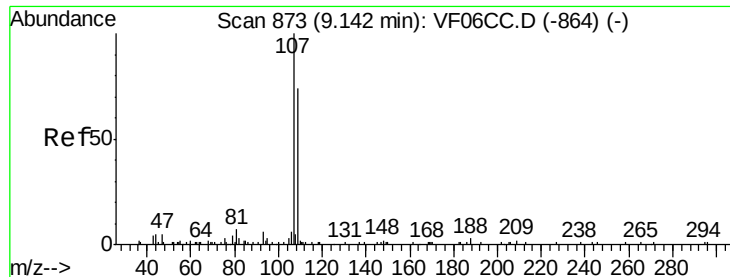
Tot Ion: 43 Resp: 396877
Ion Ratio Lower Upper
43 100
58 58.5 29.3 87.9



#60
Dibromochloromethane
Concen: 20.869 ug/l
RT: 8.86 min Scan# 845
Delta R.T. -0.01 min
Lab File: VF062823.D
Acq: 3 Jun 2019 12:36

Tgt Ion: 129 Resp: 176579
Ion Ratio Lower Upper
129 100
127 79.6 37.1 111.3





#61

1,2-Dibromoethane

Concen: 20.777 ug/l

RT: 9.14 min Scan# 873

Delta R.T. -0.01 min

Lab File: VF062823.D

Acq: 3 Jun 2019 12:36

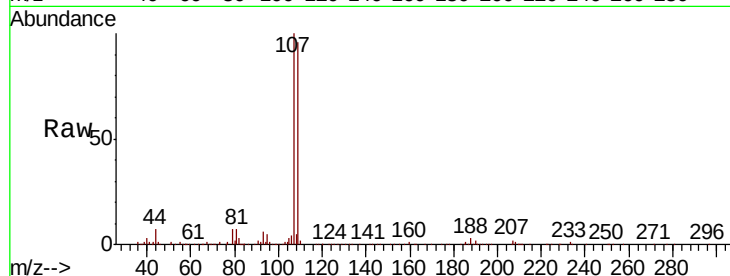
Instrument :
MSVOA_F
ClientSampleId :

Tot Ion:107 Resp: 147471

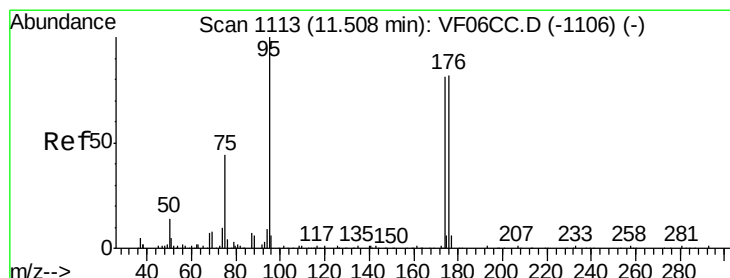
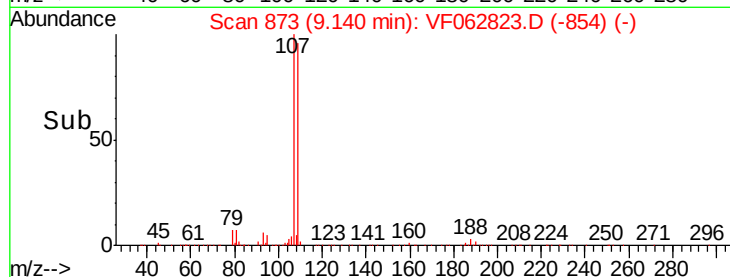
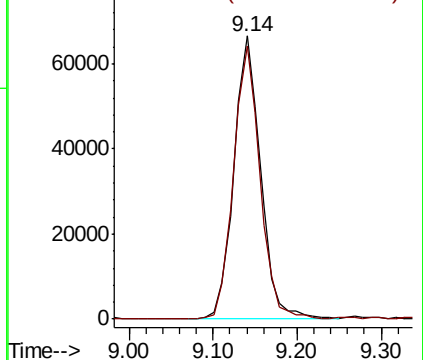
Ion Ratio Lower Upper

107 100

109 96.3 78.1 117.1



Abundance Ion 107.00 (106.70 to 107.70): V
Ion 109.00 (108.70 to 109.70): V



#62

4-Bromofluorobenzene

Concen: 54.843 ug/l

RT: 11.50 min Scan# 1112

Delta R.T. -0.01 min

Lab File: VF062823.D

Acq: 3 Jun 2019 12:36

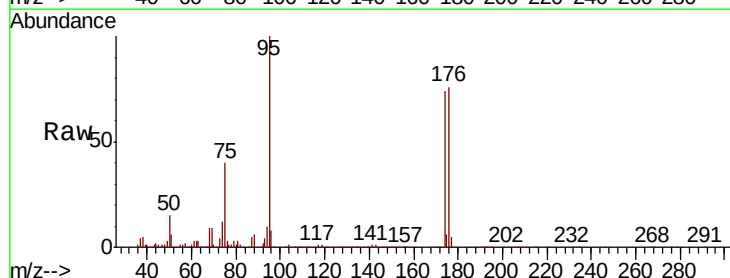
Tgt Ion: 95 Resp: 597597

Ion Ratio Lower Upper

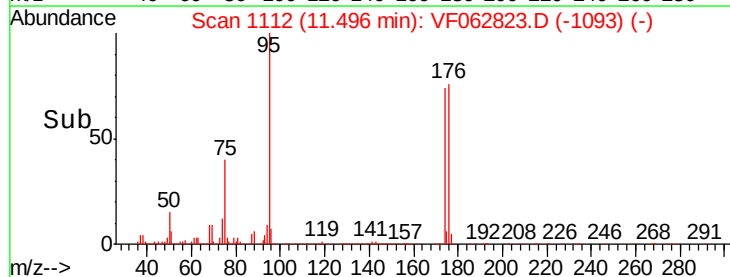
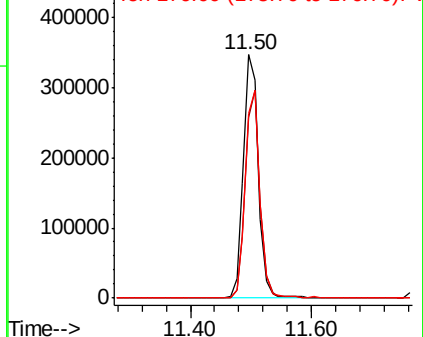
95 100

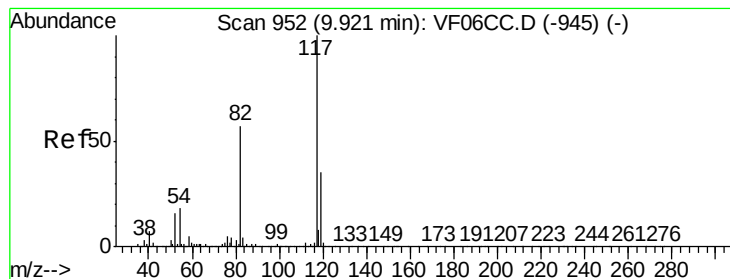
174 74.5 0.0 170.6

176 75.8 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: VF062823.D

Acq: 3 Jun 2019 12:36

Instrument :

MSVOA_F

ClientSampleId :

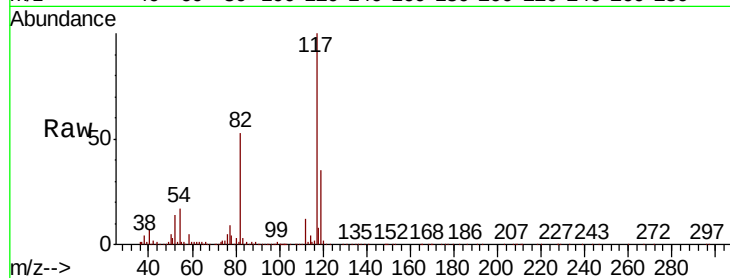
Tot Ion:117 Resp: 1217285

Ion Ratio Lower Upper

117 100

82 53.3 42.4 63.6

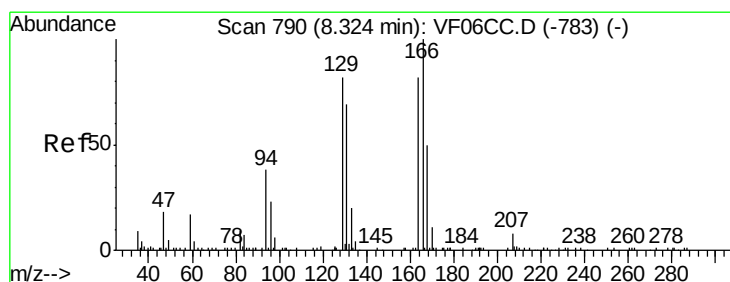
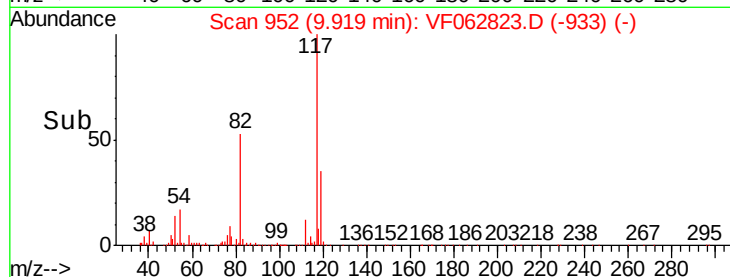
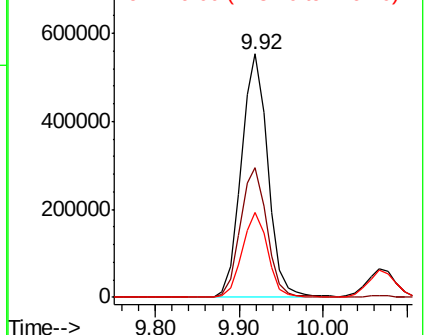
119 34.7 27.1 40.7



Abundance Ion 117.00 (116.70 to 117.70): V

Ion 82.00 (81.70 to 82.70): VF0

Ion 119.00 (118.70 to 119.70): V



#64

Tetrachloroethene

Concen: 20.444 ug/l

RT: 8.31 min Scan# 789

Delta R.T. -0.01 min

Lab File: VF062823.D

Acq: 3 Jun 2019 12:36

Tgt Ion:164 Resp: 191239

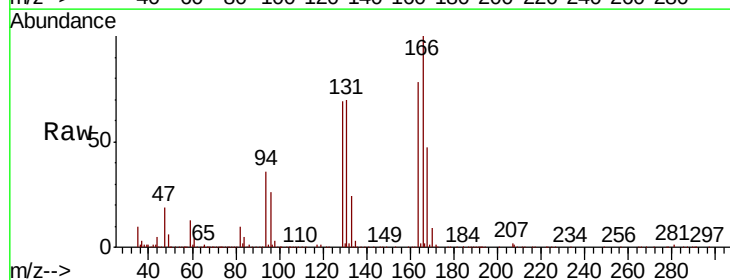
Ion Ratio Lower Upper

164 100

166 127.6 99.1 148.7

129 88.4 69.5 104.3

131 89.5 69.2 103.8

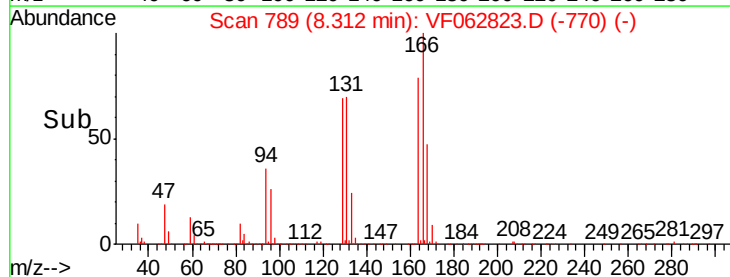
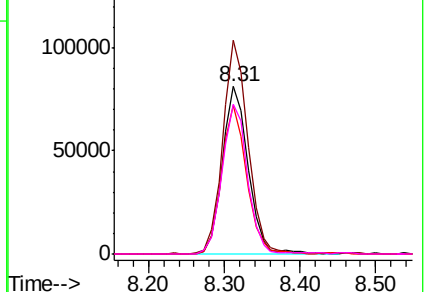


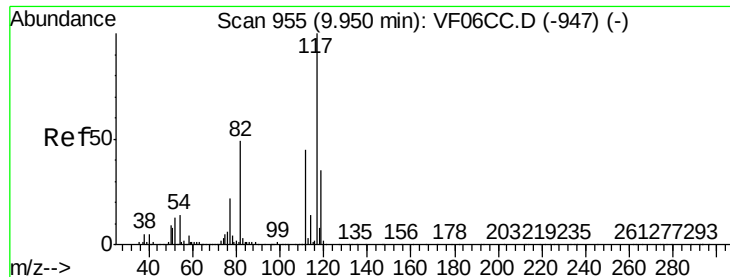
Abundance Ion 163.85 (163.55 to 164.55): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.90 (128.60 to 129.60): V

Ion 130.90 (130.60 to 131.60): V

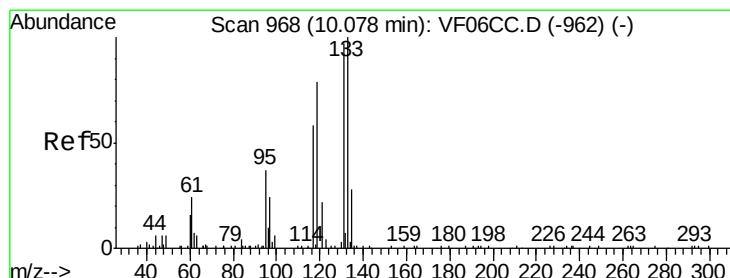
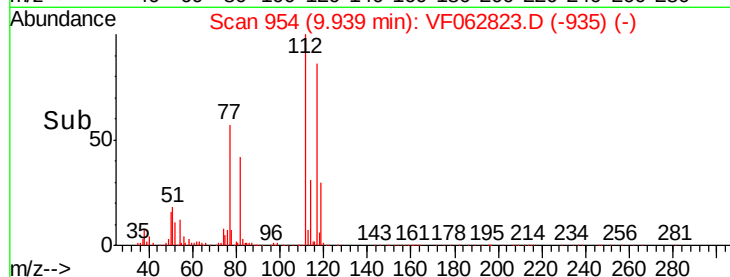
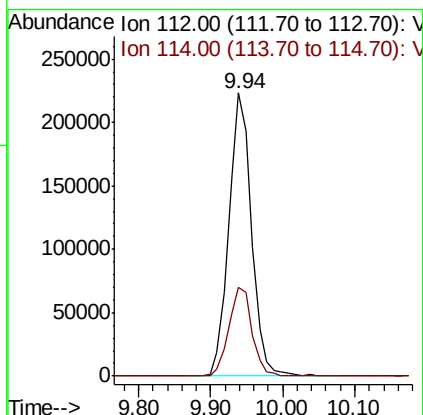
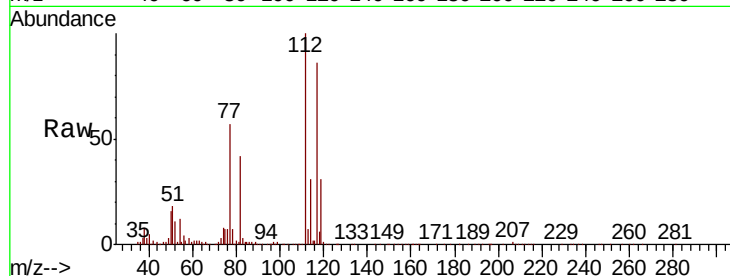




#65
Chlorobenzene
Concen: 20.807 ug/l
RT: 9.94 min Scan# 954
Delta R.T. -0.01 min
Lab File: VF062823.D
Acq: 3 Jun 2019 12:36

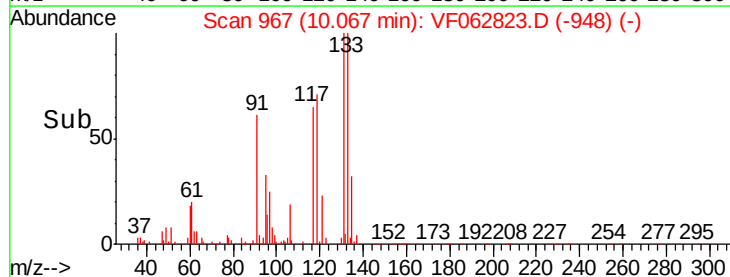
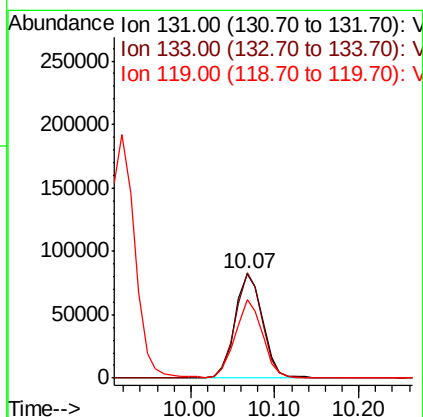
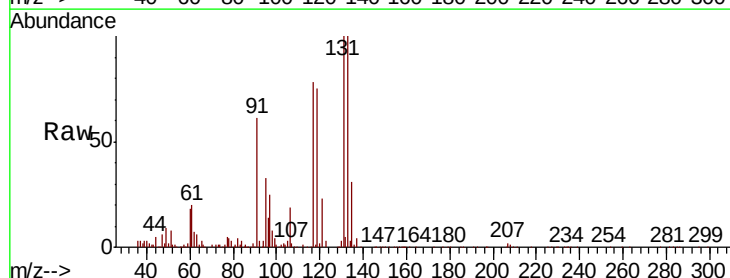
Instrument :
MSVOA_F
ClientSampleId :

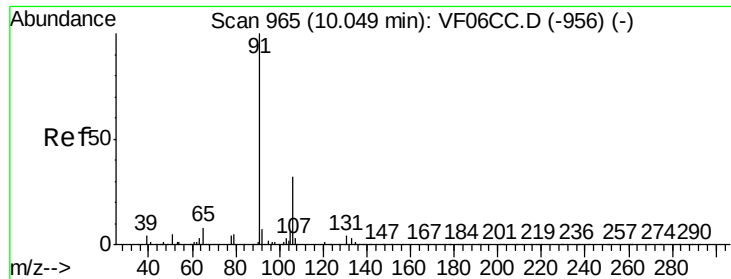
Tot Ion:112 Resp: 489123
Ion Ratio Lower Upper
112 100
114 31.3 27.4 41.0



#66
1,1,1,2-Tetrachloroethane
Concen: 20.250 ug/l
RT: 10.07 min Scan# 967
Delta R.T. -0.01 min
Lab File: VF062823.D
Acq: 3 Jun 2019 12:36

Tgt Ion:131 Resp: 189582
Ion Ratio Lower Upper
131 100
133 100.4 48.9 146.7
119 74.8 38.0 114.0





#67

Ethyl Benzene

Concen: 20.836 ug/l

RT: 10.04 min Scan# 964

Delta R.T. -0.01 min

Lab File: VF062823.D

Acq: 3 Jun 2019 12:36

Instrument :

MSVOA_F

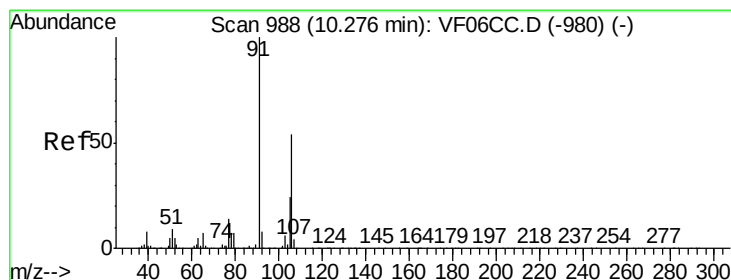
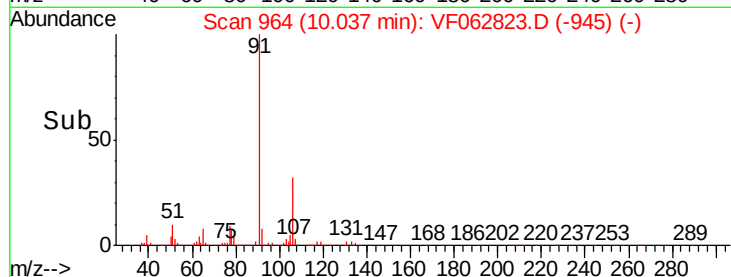
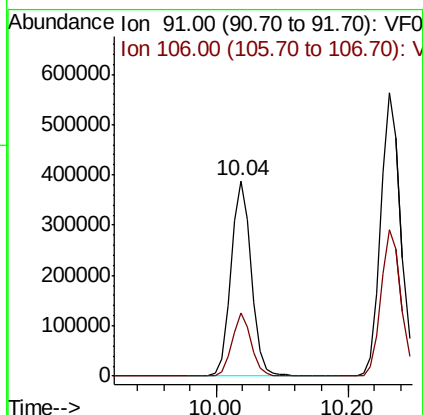
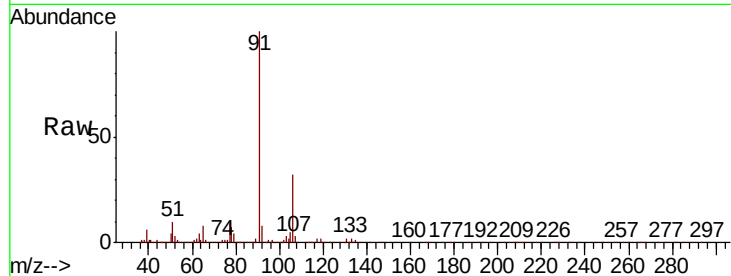
ClientSampleId :

Tot Ion: 91 Resp: 840510

Ion Ratio Lower Upper

91 100

106 32.0 26.0 39.0



#68

m/p-Xylenes

Concen: 39.859 ug/l

RT: 10.26 min Scan# 987

Delta R.T. -0.01 min

Lab File: VF062823.D

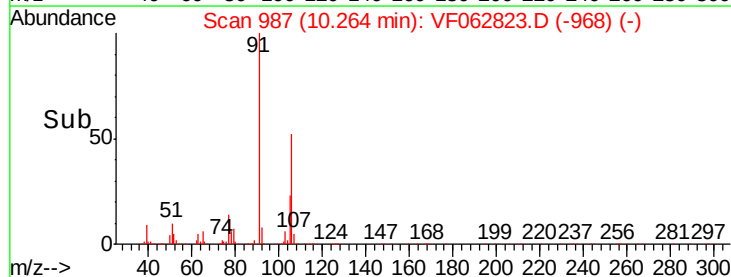
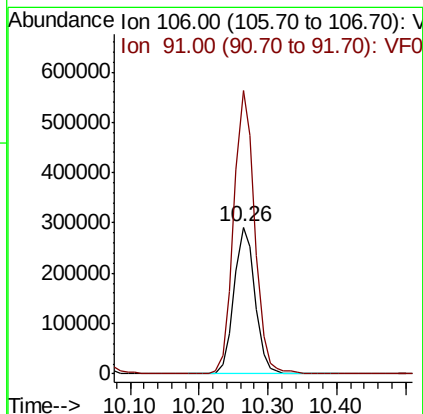
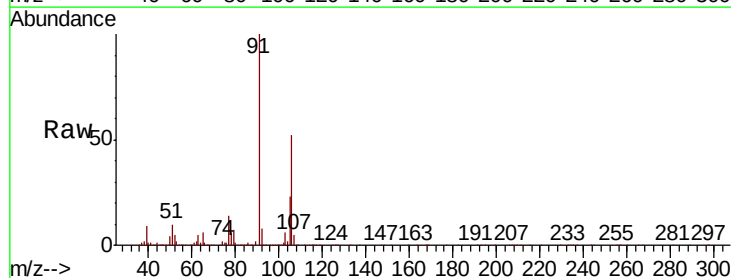
Acq: 3 Jun 2019 12:36

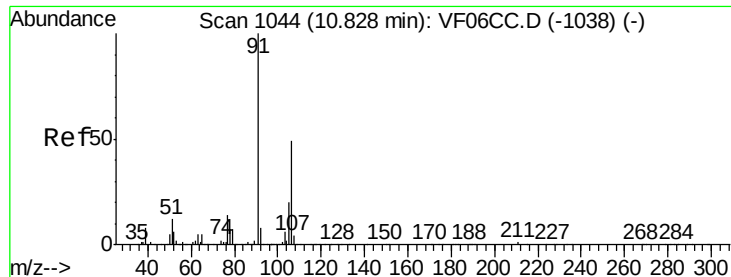
Tgt Ion: 106 Resp: 615291

Ion Ratio Lower Upper

106 100

91 192.9 136.2 204.4

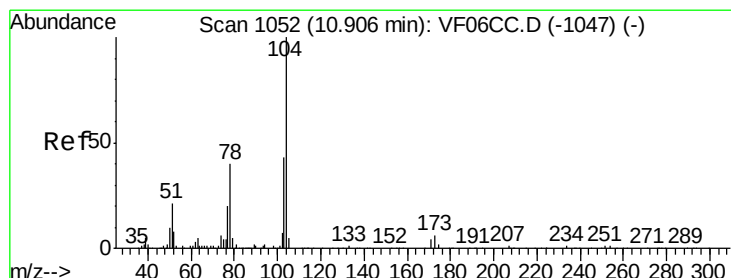
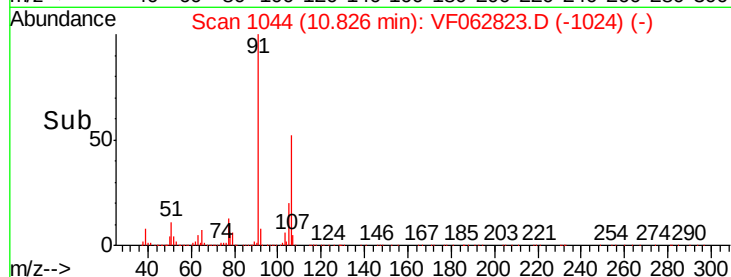
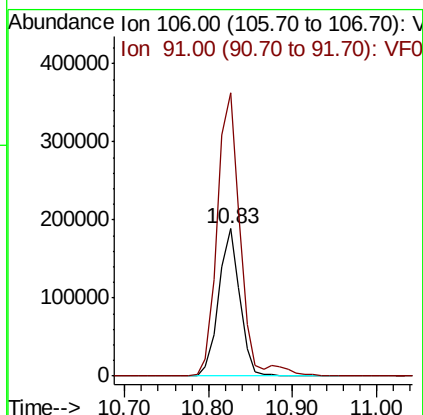
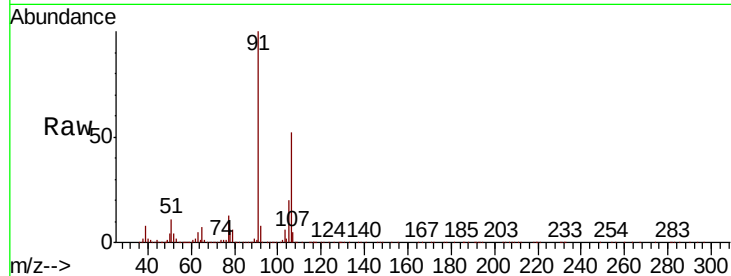




#69
o-Xylene
Concen: 21.246 ug/l
RT: 10.83 min Scan# 1044
Delta R.T. -0.00 min
Lab File: VF062823.D
Acq: 3 Jun 2019 12:36

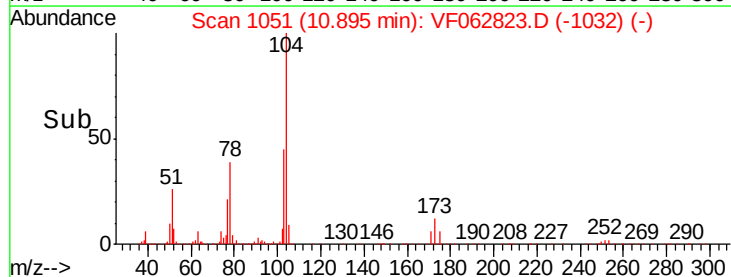
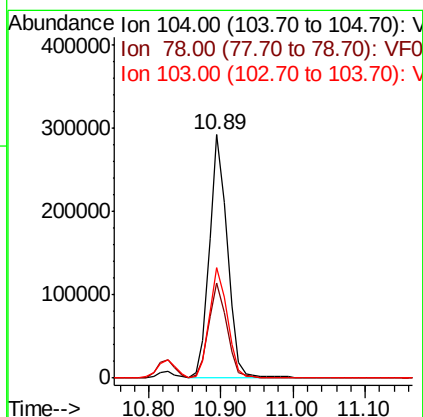
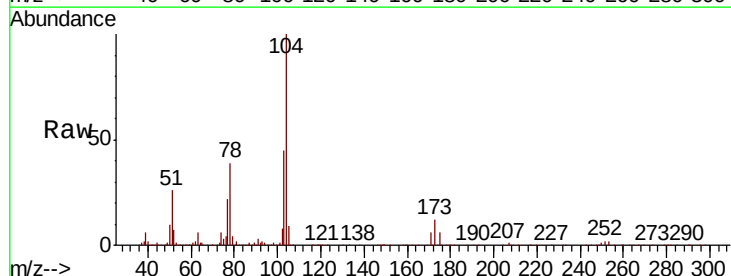
Instrument :
MSVOA_F
ClientSampleId :

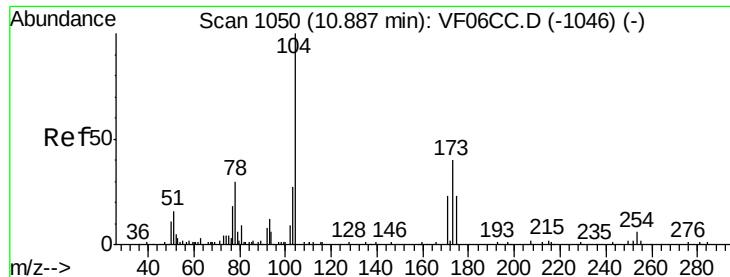
Tot Ion:106 Resp: 332051
Ion Ratio Lower Upper
106 100
91 192.1 96.6 289.8



#70
Styrene
Concen: 21.694 ug/l
RT: 10.89 min Scan# 1051
Delta R.T. -0.01 min
Lab File: VF062823.D
Acq: 3 Jun 2019 12:36

Tgt Ion:104 Resp: 499742
Ion Ratio Lower Upper
104 100
78 39.1 30.8 46.2
103 45.3 35.8 53.6





#71

Bromoform

Concen: 20.949 ug/l

RT: 10.88 min Scan# 1050

Delta R.T. -0.01 min

Lab File: VF062823.D

Acq: 3 Jun 2019 12:36

Instrument :

MSVOA_F

ClientSampleId :

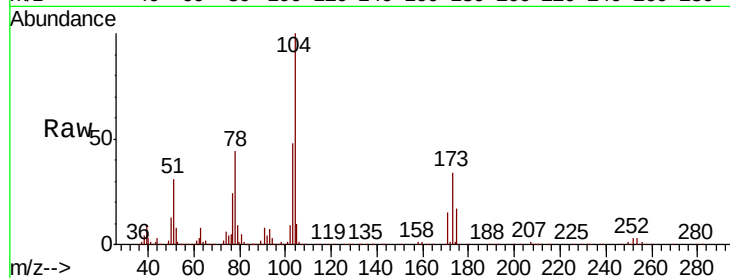
Tot Ion:173 Resp: 94087

Ion Ratio Lower Upper

173 100

175 49.4 24.6 74.0

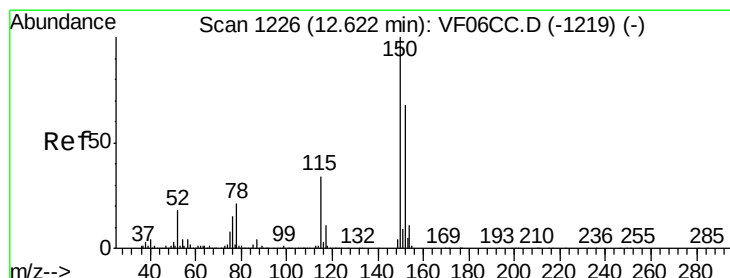
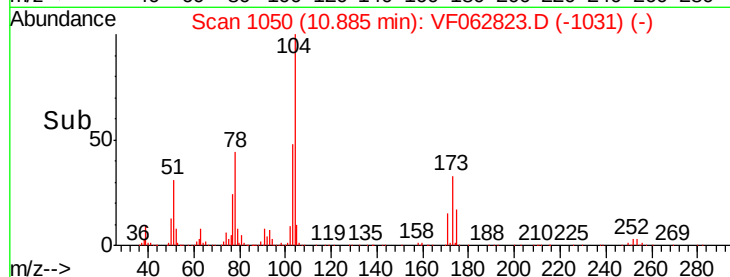
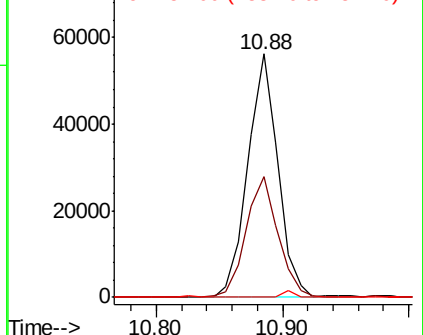
254 0.3 0.1 0.1#



Abundance Ion 173.00 (172.70 to 173.70): V

Ion 175.00 (174.70 to 175.70): V

Ion 254.00 (253.70 to 254.70): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.62 min Scan# 1226

Delta R.T. -0.00 min

Lab File: VF062823.D

Acq: 3 Jun 2019 12:36

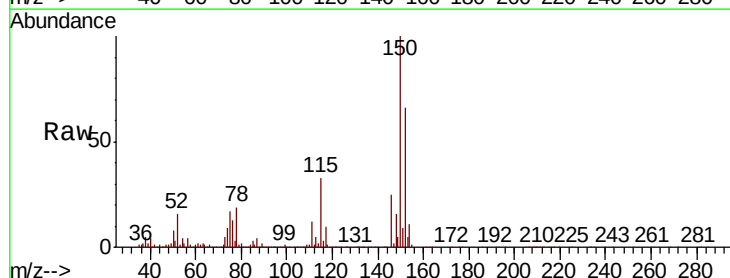
Tgt Ion:152 Resp: 640906

Ion Ratio Lower Upper

152 100

115 50.2 24.6 74.0

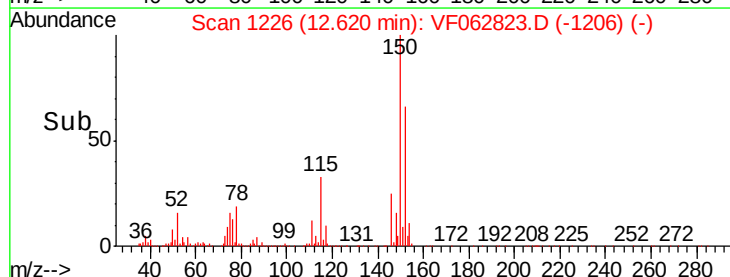
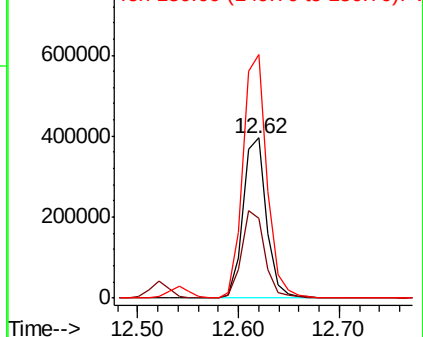
150 151.9 0.0 290.6

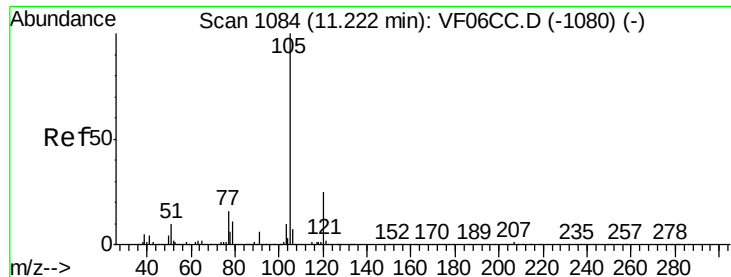


Abundance Ion 152.00 (151.70 to 152.70): V

Ion 115.00 (114.70 to 115.70): V

Ion 150.00 (149.70 to 150.70): V





#73

Isopropylbenzene

Concen: 19.001 ug/l

RT: 11.22 min Scan# 1084

Delta R.T. -0.01 min

Lab File: VF062823.D

Acq: 3 Jun 2019 12:36

Instrument :

MSVOA_F

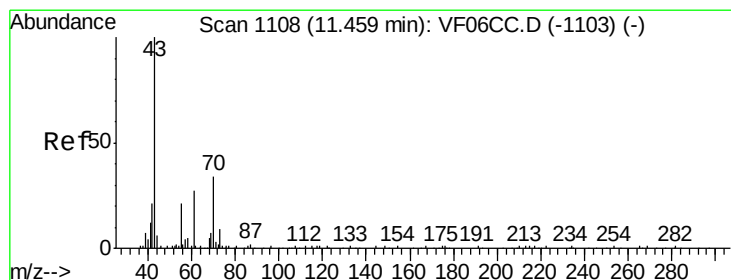
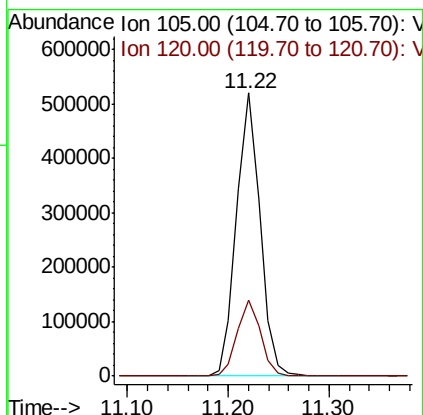
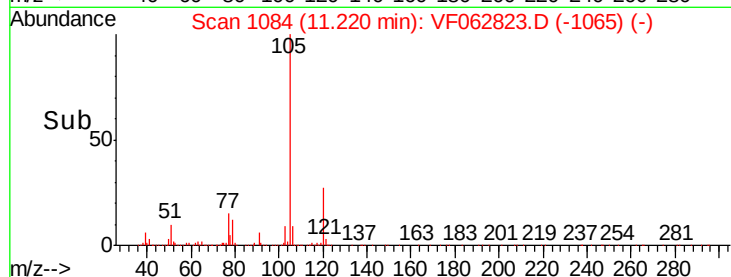
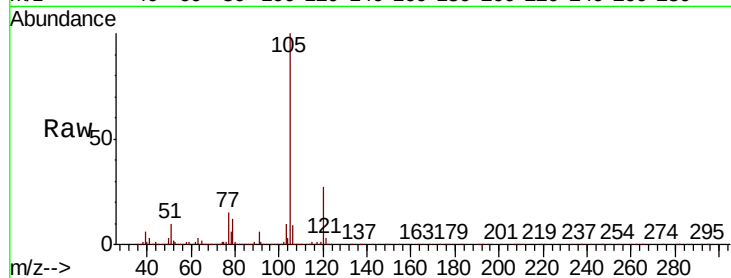
ClientSampled :

Tot Ion:105 Resp: 849721

Ion Ratio Lower Upper

105 100

120 27.1 15.1 45.3



#74

N-ethyl acetate

Concen: 18.091 ug/l

RT: 11.45 min Scan# 1107

Delta R.T. -0.01 min

Lab File: VF062823.D

Acq: 3 Jun 2019 12:36

Tgt Ion: 43 Resp: 228021

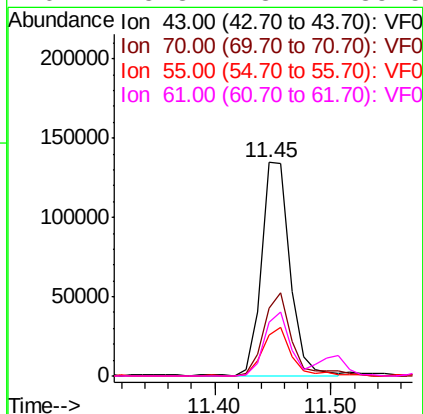
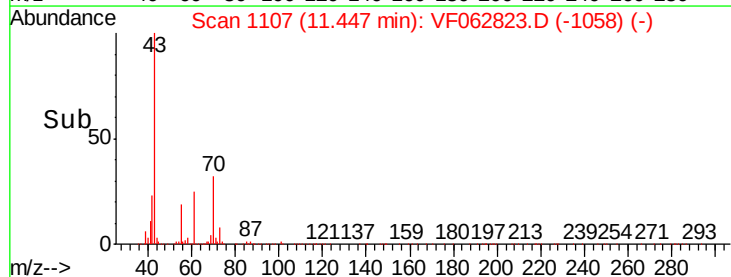
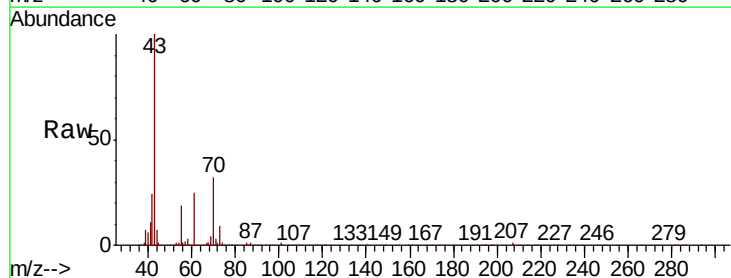
Ion Ratio Lower Upper

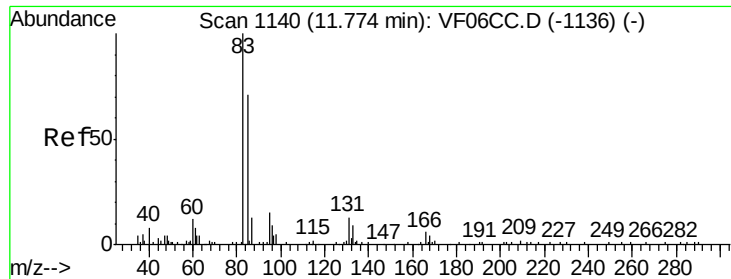
43 100

70 31.8 32.9 49.3#

55 19.4 17.3 25.9

61 25.3 23.7 35.5





#75

1,1,2,2-Tetrachloroethane

Concen: 19.348 ug/l

RT: 11.77 min Scan# 1140

Delta R.T. -0.01 min

Lab File: VF062823.D

Acq: 3 Jun 2019 12:36

Instrument :

MSVOA_F

ClientSampleId :

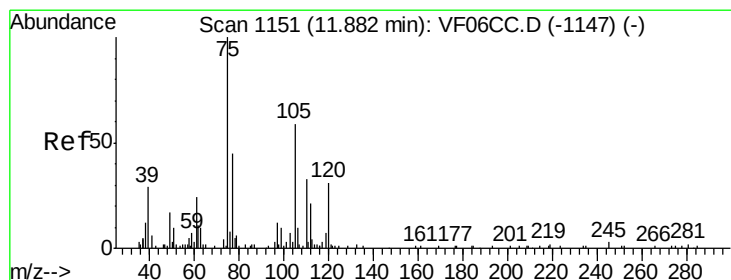
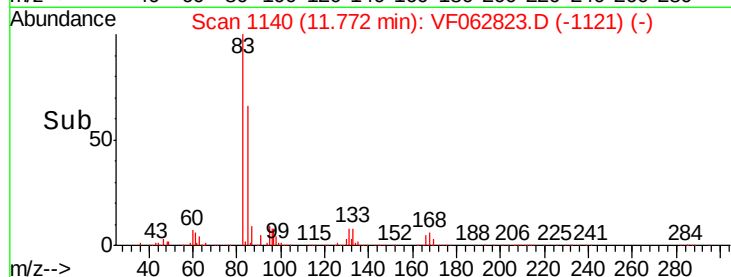
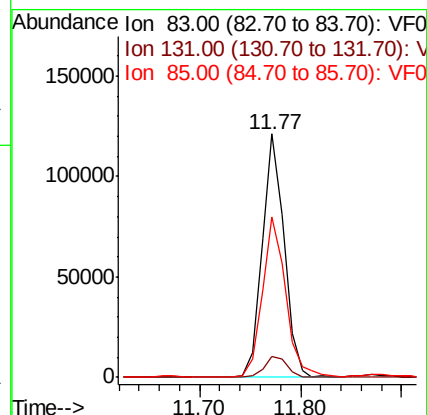
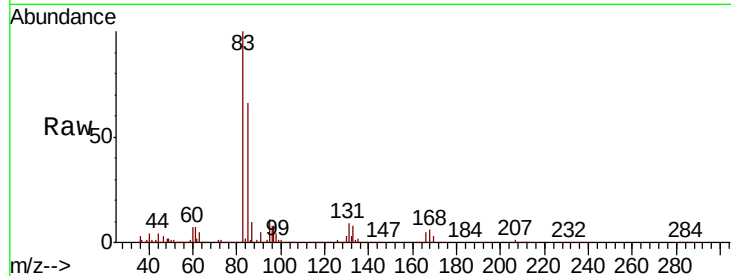
Tot Ion: 83 Resp: 184769

Ion Ratio Lower Upper

83 100

131 8.6 4.9 14.7

85 66.0 32.1 96.5



#76

1,2,3-Trichloropropane

Concen: 19.643 ug/l

RT: 11.87 min Scan# 1150

Delta R.T. -0.01 min

Lab File: VF062823.D

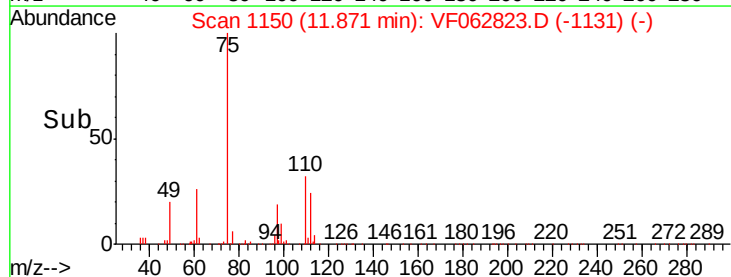
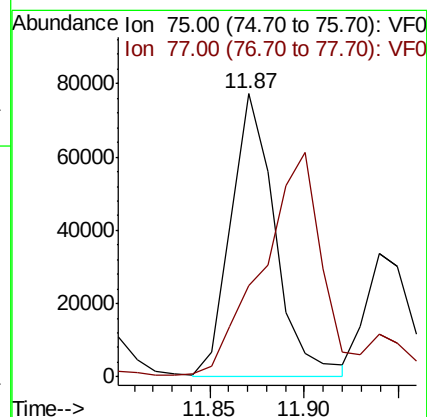
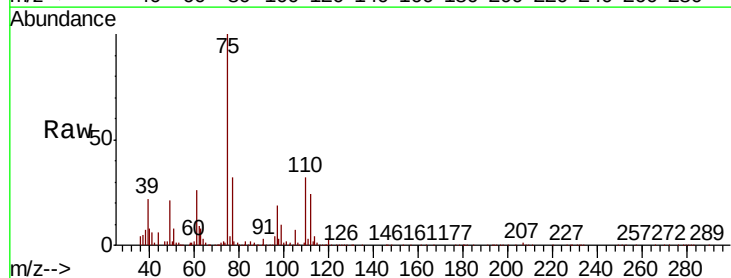
Acq: 3 Jun 2019 12:36

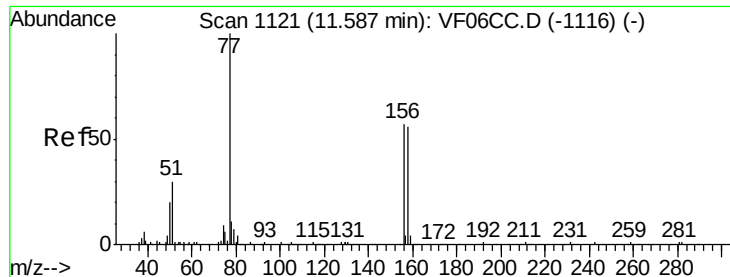
Tgt Ion: 75 Resp: 124347

Ion Ratio Lower Upper

75 100

77 32.2 20.1 60.2





#77

Bromobenzene

Concen: 19.182 ug/l

RT: 11.58 min Scan# 1121

Delta R.T. -0.01 min

Lab File: VF062823.D

Acq: 3 Jun 2019 12:36

Instrument :

MSVOA_F

ClientSampleId :

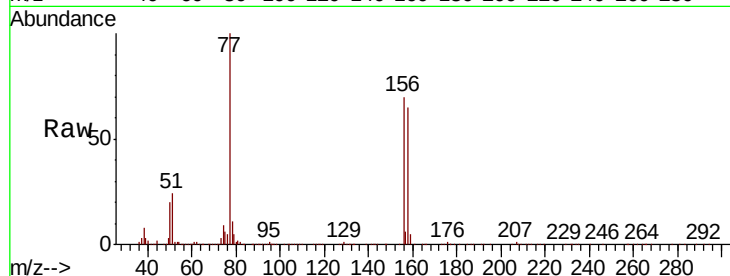
Tot Ion:156 Resp: 215535

Ion Ratio Lower Upper

156 100

77 143.2 64.2 192.6

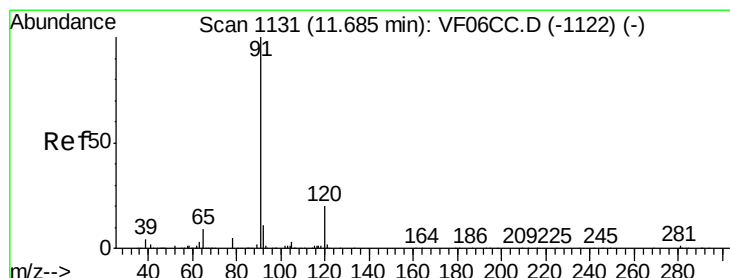
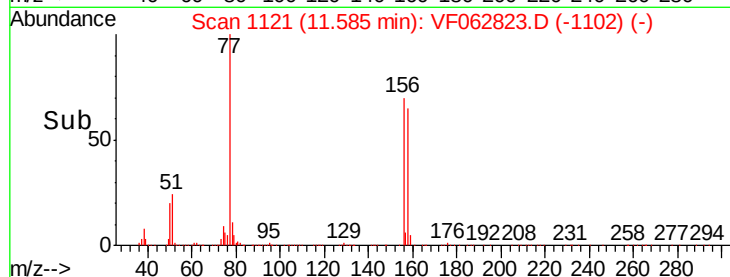
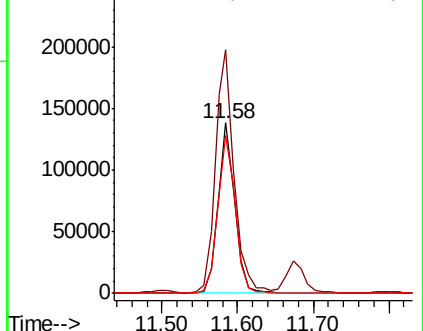
158 93.0 50.3 151.0



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: 19.976 ug/l

RT: 11.67 min Scan# 1130

Delta R.T. -0.01 min

Lab File: VF062823.D

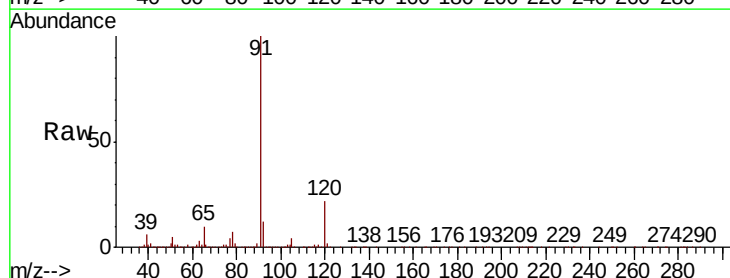
Acq: 3 Jun 2019 12:36

Tgt Ion: 91 Resp: 1078604

Ion Ratio Lower Upper

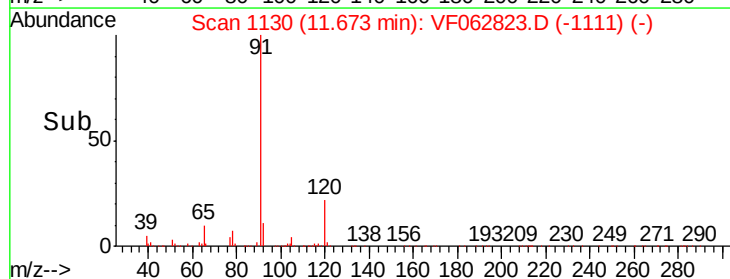
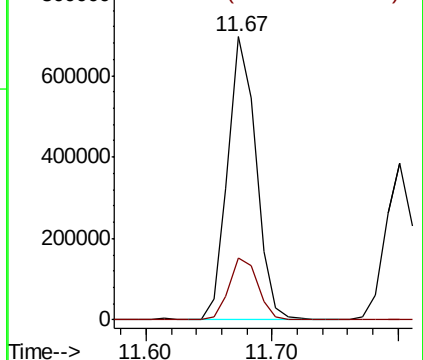
91 100

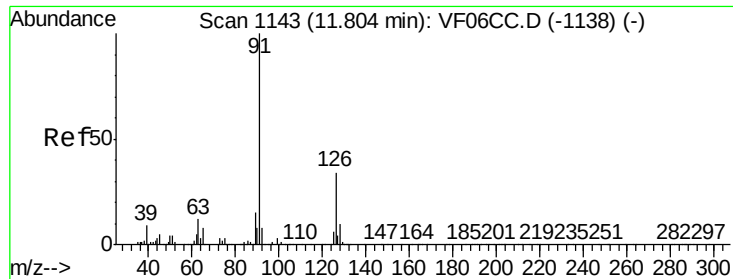
120 21.9 12.8 38.4



Abundance Ion 91.00 (90.70 to 91.70): VF0

Ion 120.00 (119.70 to 120.70): V

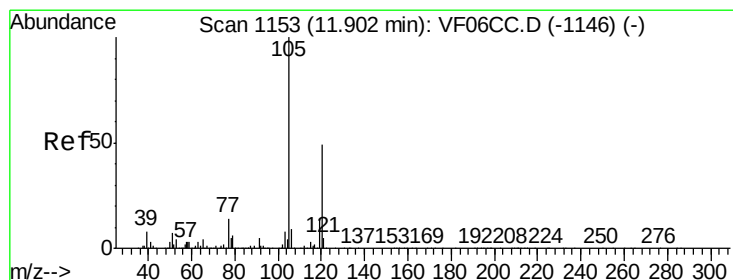
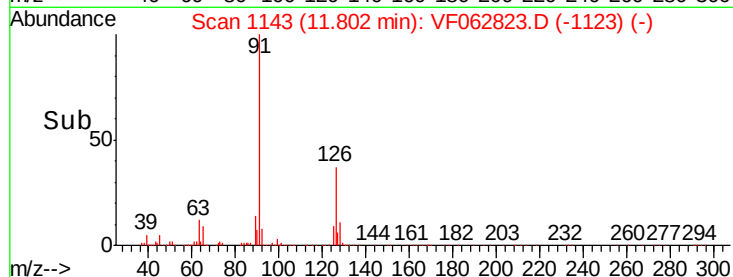
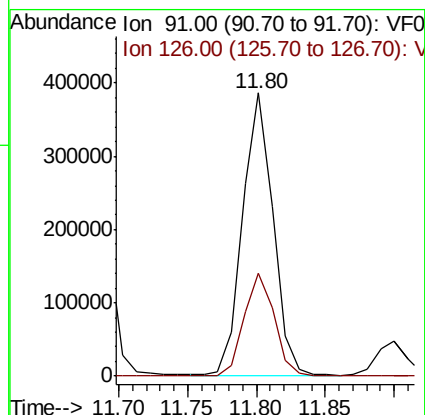
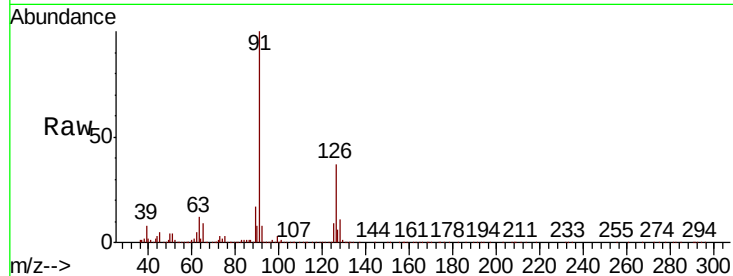




#79
 2-Chlorotoluene
 Concen: 19.200 ug/l
 RT: 11.80 min Scan# 1143
 Delta R.T. -0.00 min
 Lab File: VF062823.D
 Acq: 3 Jun 2019 12:36

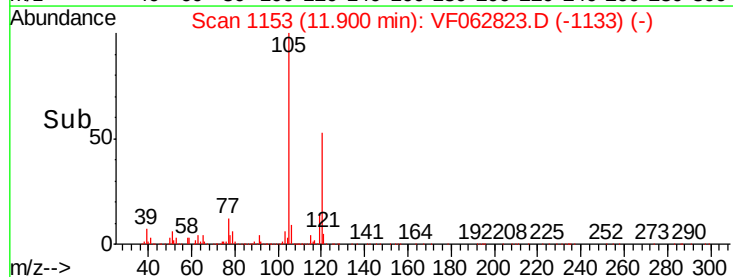
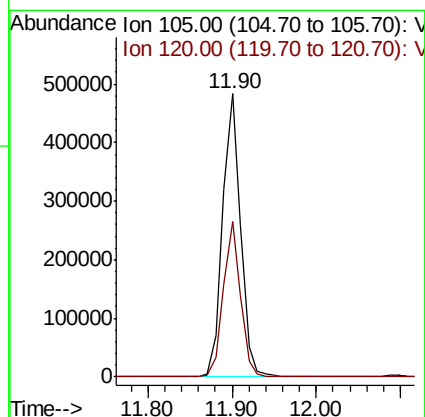
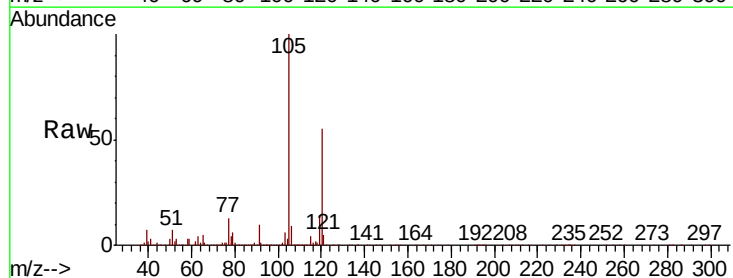
Instrument :
 MSVOA_F
 ClientSampleId :

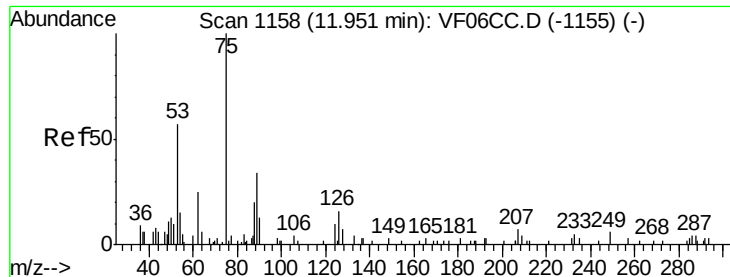
Tot Ion: 91 Resp: 593195
 Ion Ratio Lower Upper
 91 100
 126 36.5 17.8 53.3



#80
 1,3,5-Trimethylbenzene
 Concen: 19.584 ug/l
 RT: 11.90 min Scan# 1153
 Delta R.T. -0.00 min
 Lab File: VF062823.D
 Acq: 3 Jun 2019 12:36

Tgt Ion: 105 Resp: 716206
 Ion Ratio Lower Upper
 105 100
 120 54.8 28.7 86.1





#81

trans-1,4-Dichloro-2-butene

Concen: 26.036 ug/l

RT: 11.94 min Scan# 1157

Delta R.T. -0.01 min

Lab File: VF062823.D

Acq: 3 Jun 2019 12:36

Instrument :

MSVOA_F

ClientSampleId :

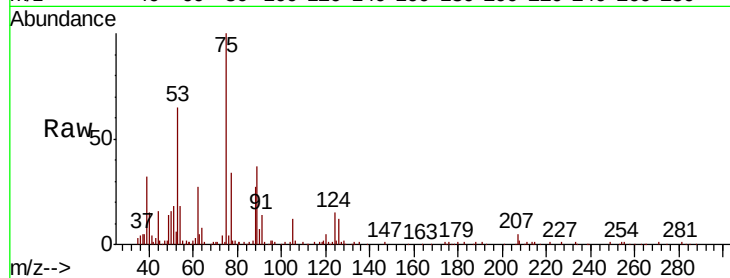
Tot Ion: 75 Resp: 69779

Ion Ratio Lower Upper

75 100

53 65.4 43.5 65.3#

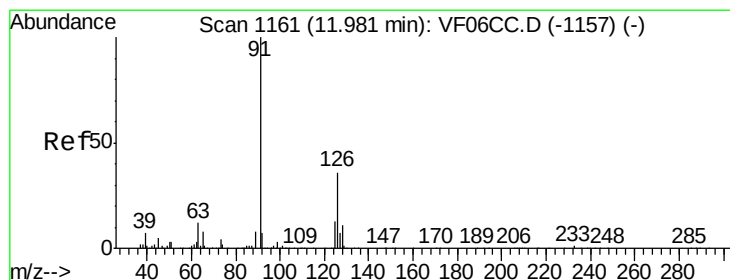
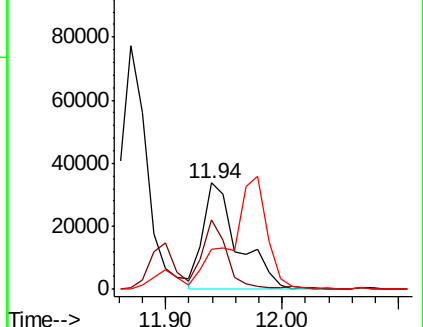
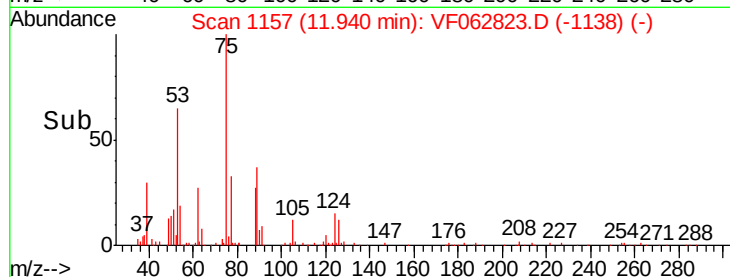
89 37.5 34.3 51.5



Abundance Ion 75.00 (74.70 to 75.70): VF0

Ion 53.00 (52.70 to 53.70): VF0

Ion 89.00 (88.70 to 89.70): VF0



#82

4-Chlorotoluene

Concen: 20.469 ug/l

RT: 11.98 min Scan# 1161

Delta R.T. -0.00 min

Lab File: VF062823.D

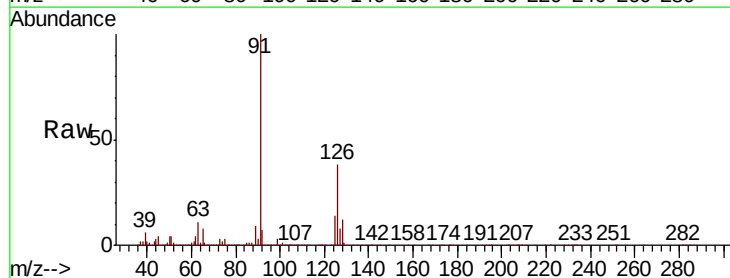
Acq: 3 Jun 2019 12:36

Tgt Ion: 91 Resp: 621491

Ion Ratio Lower Upper

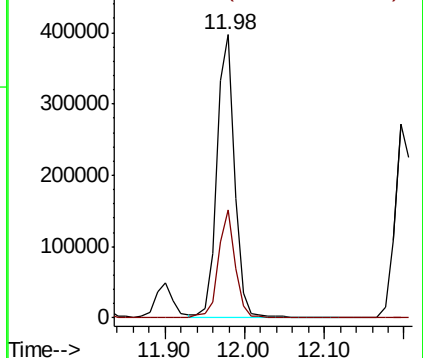
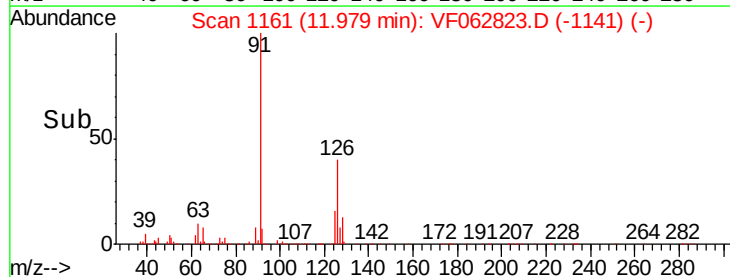
91 100

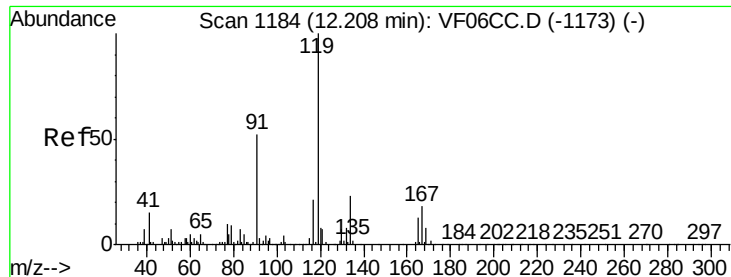
126 38.0 19.1 57.1



Abundance Ion 91.00 (90.70 to 91.70): VF0

Ion 126.00 (125.70 to 126.70): V





#83

tert-Butylbenzene

Concen: 21.345 ug/l

RT: 12.20 min Scan# 1183

Delta R.T. -0.01 min

Lab File: VF062823.D

Acq: 3 Jun 2019 12:36

Instrument :

MSVOA_F

ClientSampleId :

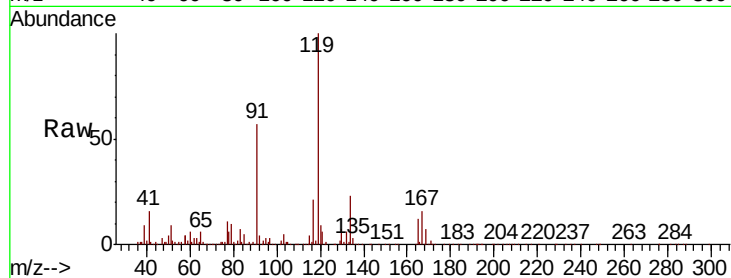
Tot Ion:119 Resp: 773506

Ion Ratio Lower Upper

119 100

91 56.9 28.9 86.7

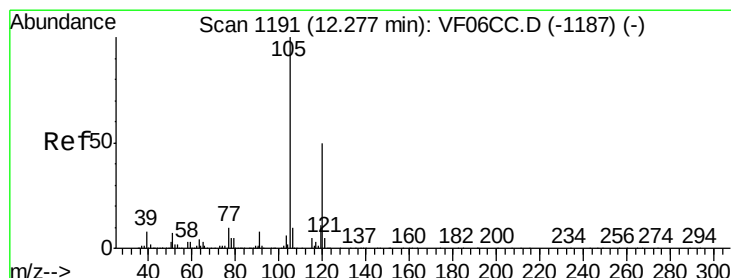
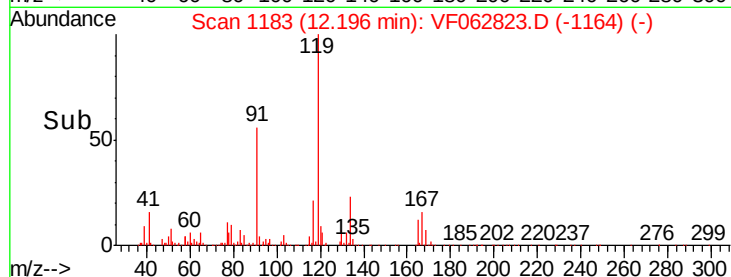
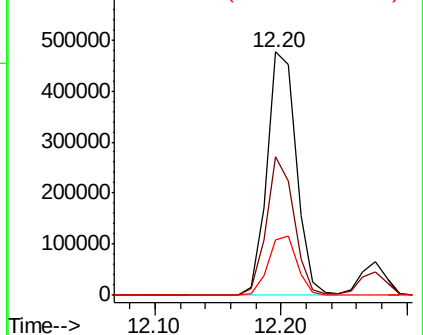
134 22.7 14.3 42.9



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: 21.336 ug/l

RT: 12.27 min Scan# 1191

Delta R.T. -0.00 min

Lab File: VF062823.D

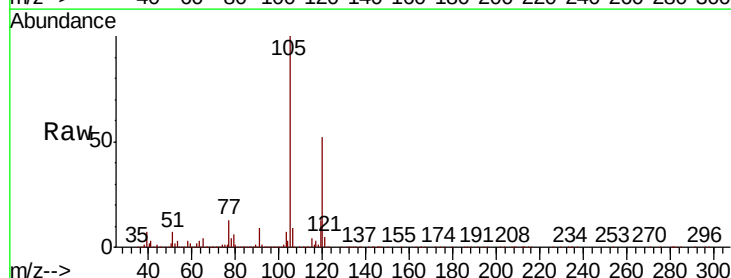
Acq: 3 Jun 2019 12:36

Tgt Ion:105 Resp: 739819

Ion Ratio Lower Upper

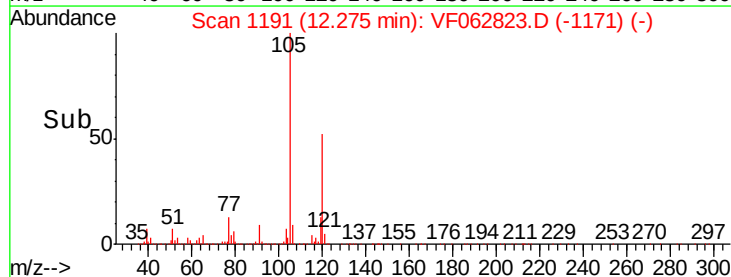
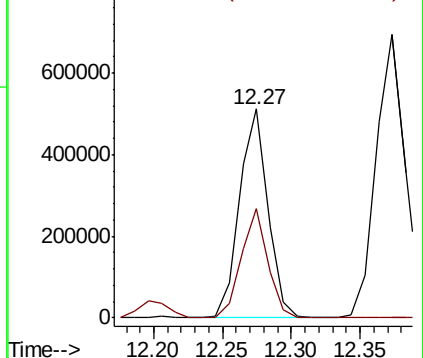
105 100

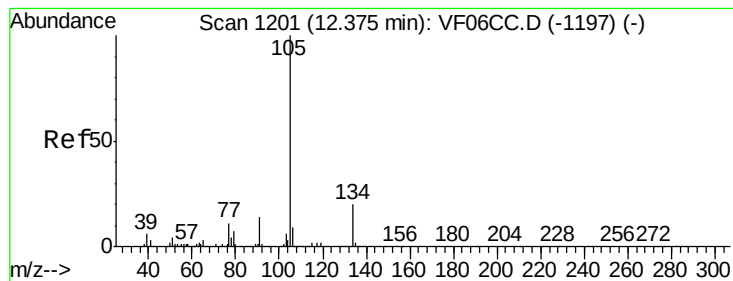
120 52.0 27.1 81.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 21.339 ug/l

RT: 12.37 min Scan# 1201

Delta R.T. -0.00 min

Lab File: VF062823.D

Acq: 3 Jun 2019 12:36

Instrument :

MSVOA_F

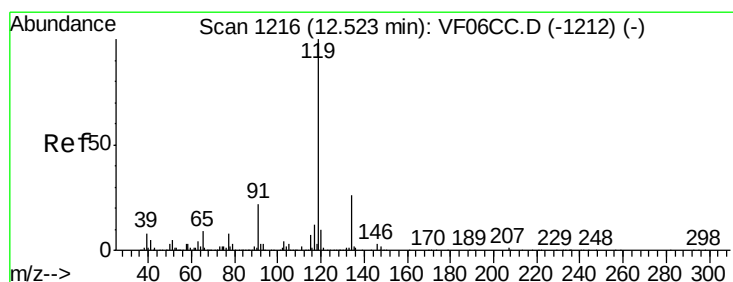
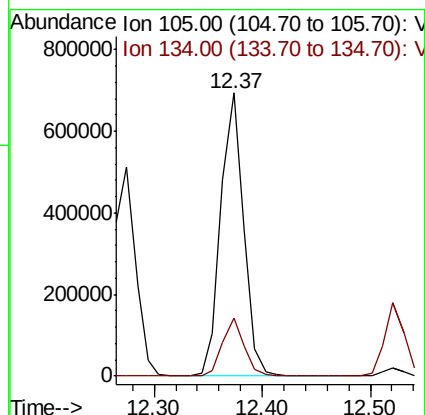
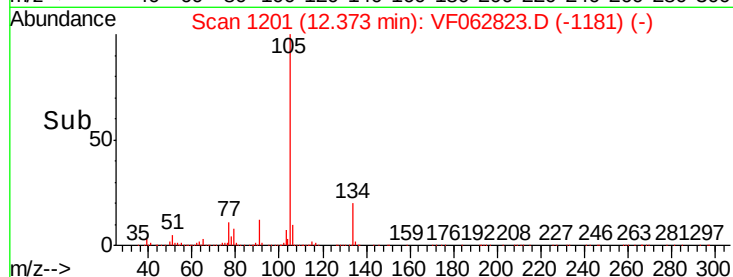
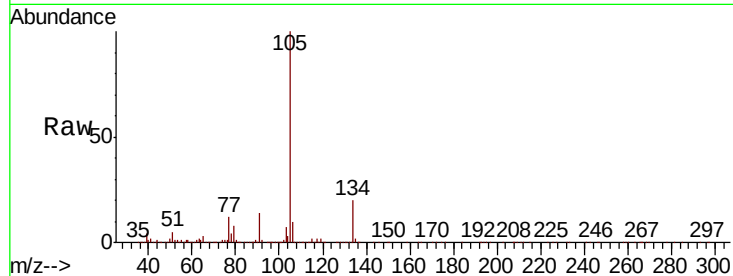
ClientSampleId :

Tot Ion:105 Resp: 1018938

Ion Ratio Lower Upper

105 100

134 20.3 10.5 31.6



#86

p-Isopropyltoluene

Concen: 21.288 ug/l

RT: 12.52 min Scan# 1216

Delta R.T. -0.01 min

Lab File: VF062823.D

Acq: 3 Jun 2019 12:36

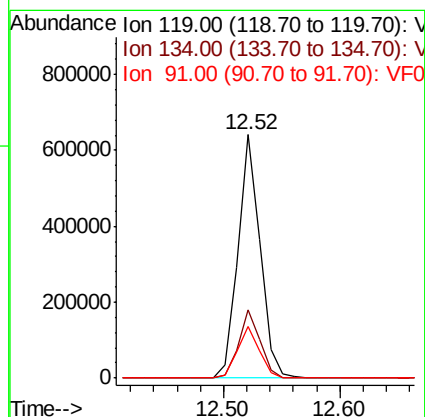
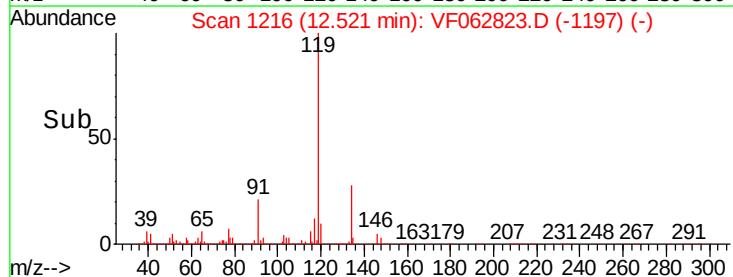
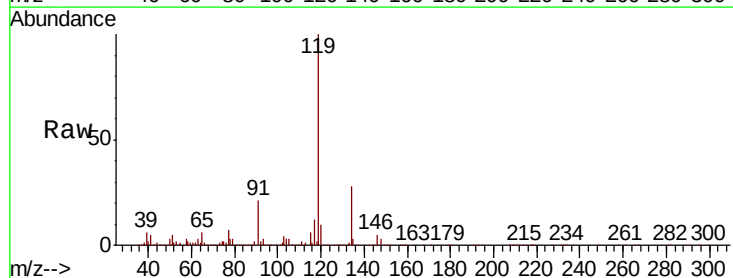
Tgt Ion:119 Resp: 846082

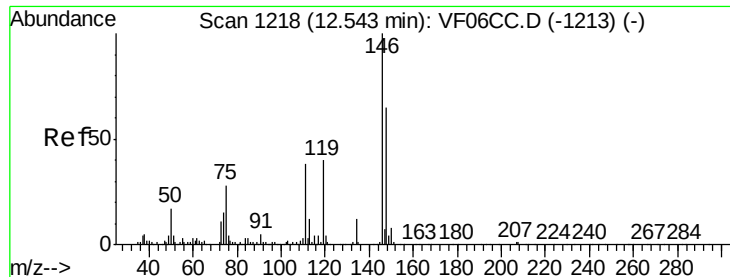
Ion Ratio Lower Upper

119 100

134 27.9 15.5 46.5

91 21.3 10.3 30.9





#87

1,3-Dichlorobenzene

Concen: 20.984 ug/l

RT: 12.54 min Scan# 1218

Delta R.T. -0.00 min

Lab File: VF062823.D

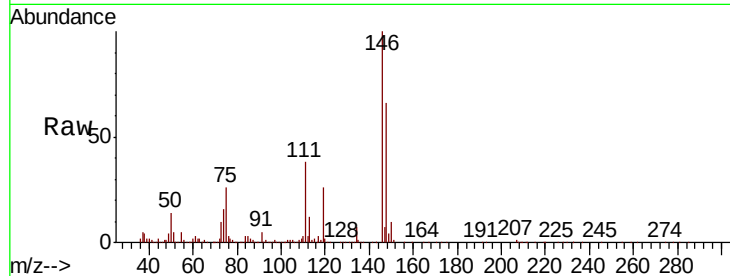
Acq: 3 Jun 2019 12:36

Instrument :

MSVOA_F

ClientSampleId :

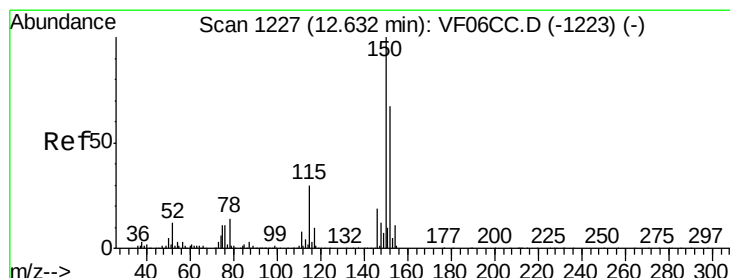
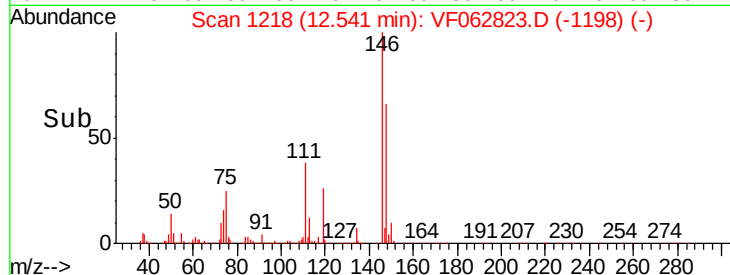
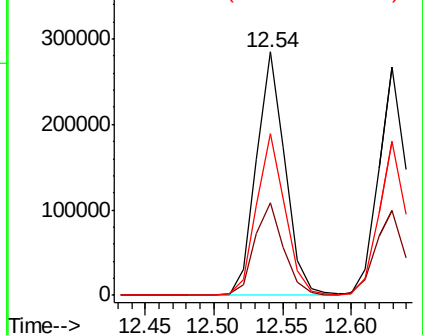
Tot Ion:	146	Resp:	415822
Ion	Ratio	Lower	Upper
146	100		
111	38.2	19.6	58.8
148	66.2	34.2	102.5



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: 20.560 ug/l

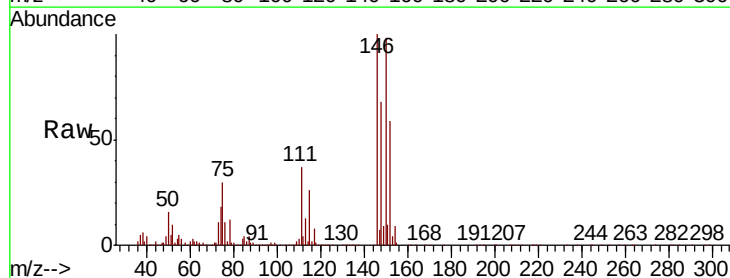
RT: 12.63 min Scan# 1227

Delta R.T. -0.00 min

Lab File: VF062823.D

Acq: 3 Jun 2019 12:36

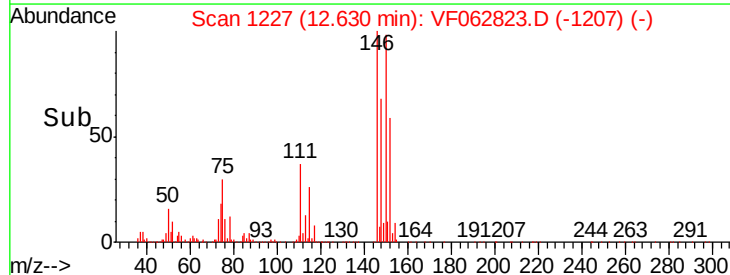
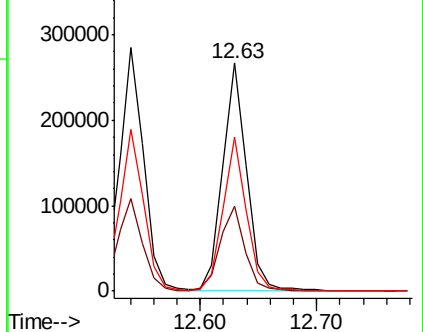
Tgt Ion:	146	Resp:	380223
Ion	Ratio	Lower	Upper
146	100		
111	37.4	20.3	60.9
148	67.6	34.0	101.8

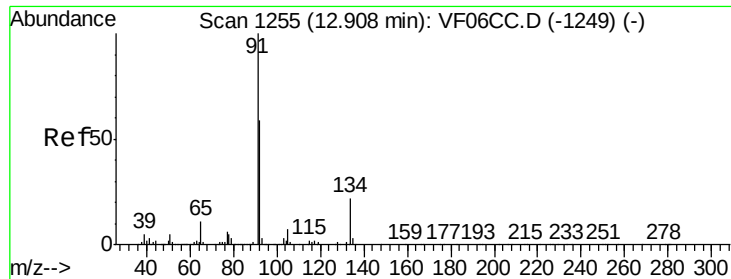


Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V

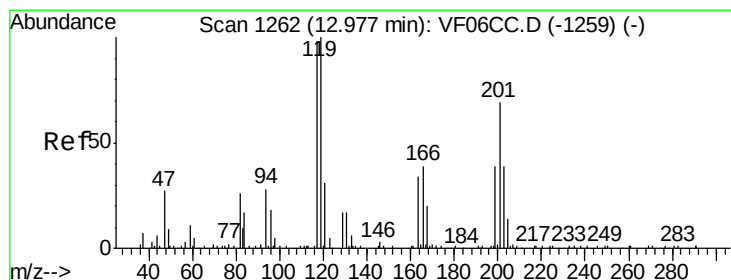
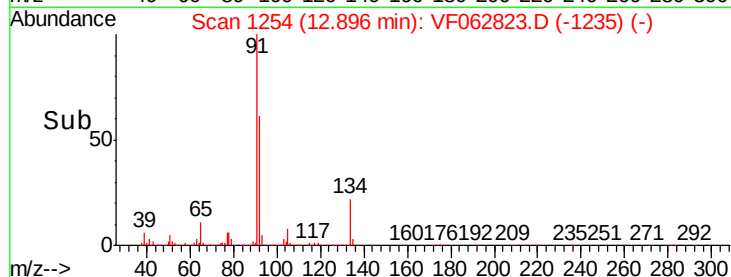
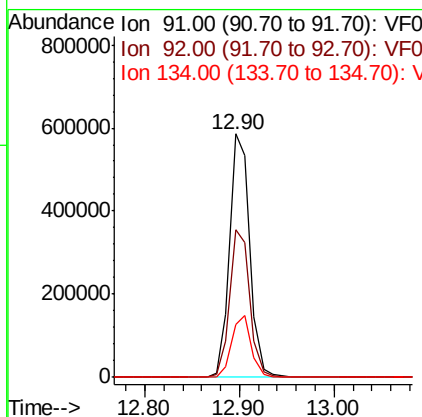
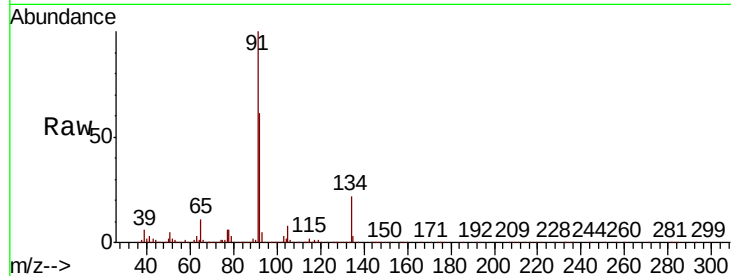




#89
n-Butylbenzene
Concen: 21.624 ug/l
RT: 12.90 min Scan# 1254
Delta R.T. -0.01 min
Lab File: VF062823.D
Acq: 3 Jun 2019 12:36

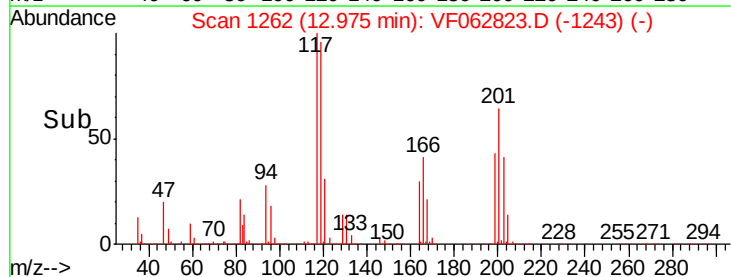
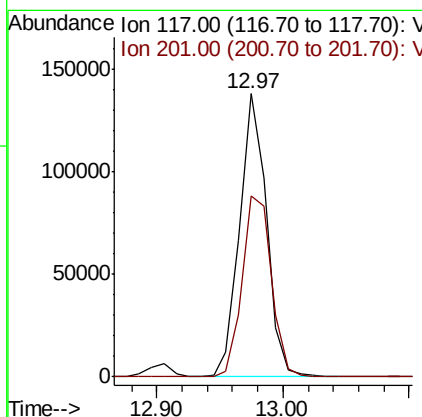
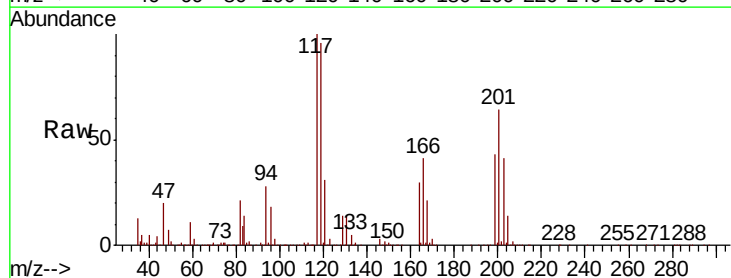
Instrument :
MSVOA_F
ClientSampleId :

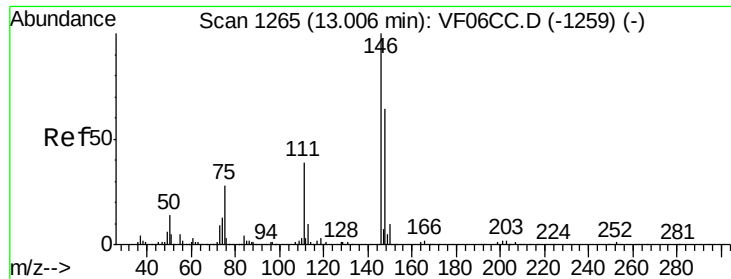
Tot Ion	Ratio	Lower	Upper
91	100		
92	60.6	34.2	102.6
134	21.7	15.8	47.3



#90
Hexachloroethane
Concen: 20.968 ug/l
RT: 12.97 min Scan# 1262
Delta R.T. -0.01 min
Lab File: VF062823.D
Acq: 3 Jun 2019 12:36

Tgt Ion	Ratio	Lower	Upper
117	100		
201	65.5	38.9	116.7





#91

1,2-Dichlorobenzene

Concen: 21.042 ug/l

RT: 13.00 min Scan# 1265

Delta R.T. -0.00 min

Lab File: VF062823.D

Acq: 3 Jun 2019 12:36

Instrument :

MSVOA_F

ClientSampleId :

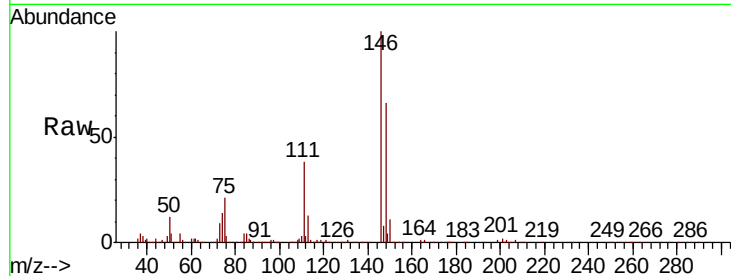
Tot Ion:146 Resp: 366505

Ion Ratio Lower Upper

146 100

111 38.0 20.4 61.3

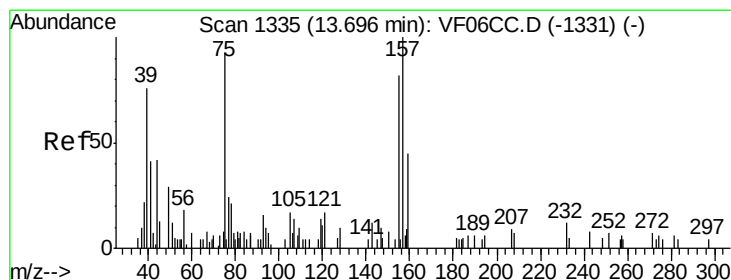
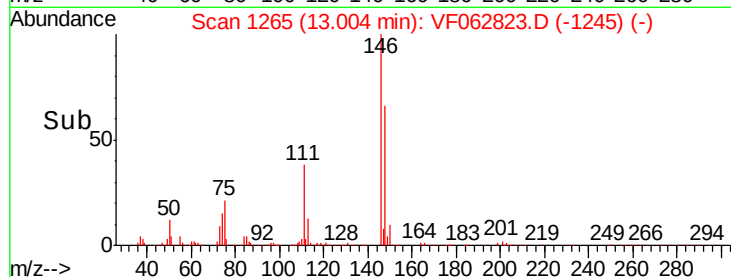
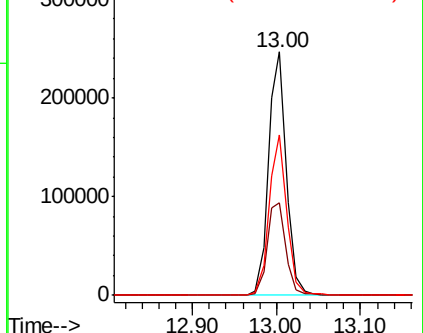
148 66.1 34.1 102.3



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: 20.240 ug/l

RT: 13.69 min Scan# 1335

Delta R.T. -0.00 min

Lab File: VF062823.D

Acq: 3 Jun 2019 12:36

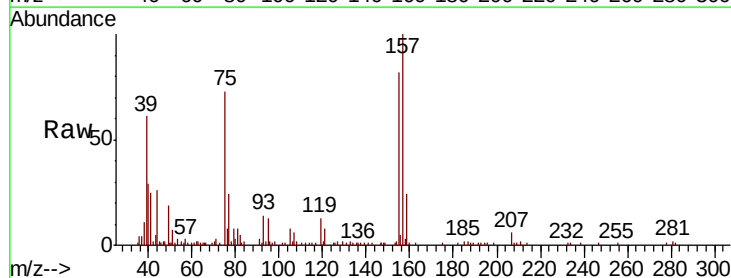
Tgt Ion: 75 Resp: 21059

Ion Ratio Lower Upper

75 100

155 112.7 51.7 155.1

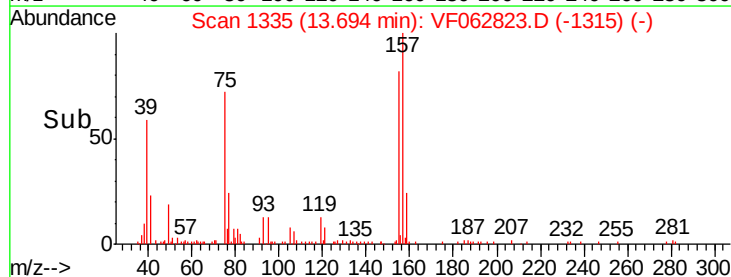
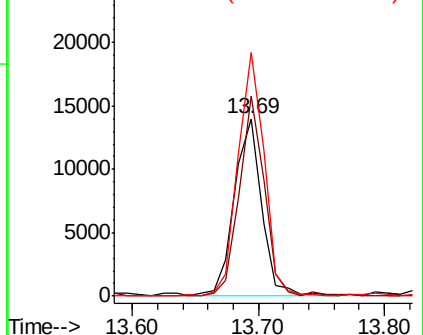
157 137.2 66.8 200.6

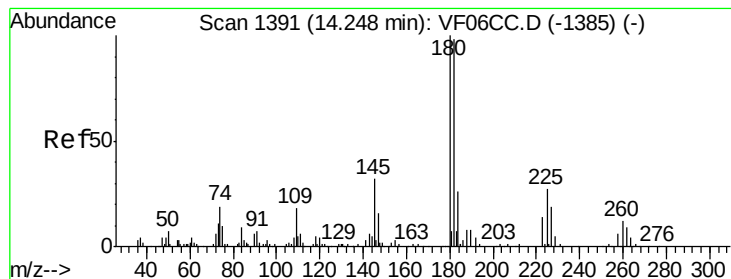


Abundance Ion 75.00 (74.70 to 75.70): VF0

Ion 155.00 (154.70 to 155.70): V

Ion 157.00 (156.70 to 157.70): V





#93

1,2,4-Trichlorobenzene

Concen: 20.185 ug/l

RT: 14.24 min Scan# 1390

Delta R.T. -0.01 min

Lab File: VF062823.D

Acq: 3 Jun 2019 12:36

Instrument :

MSVOA_F

ClientSampleId :

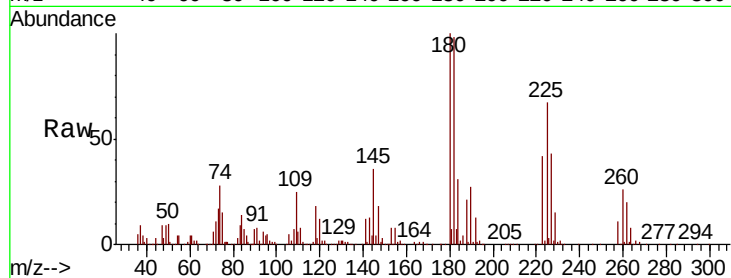
Tot Ion:180 Resp: 241396

Ion Ratio Lower Upper

180 100

182 98.4 50.3 150.9

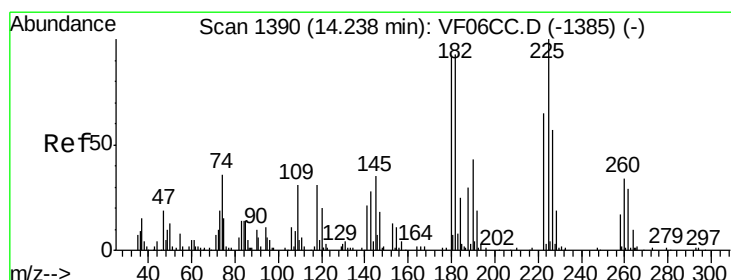
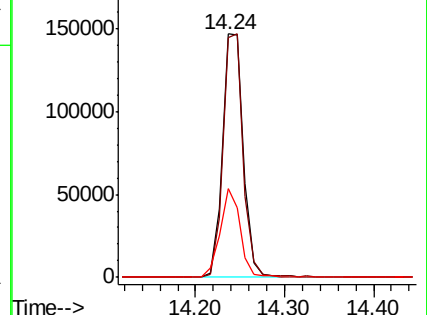
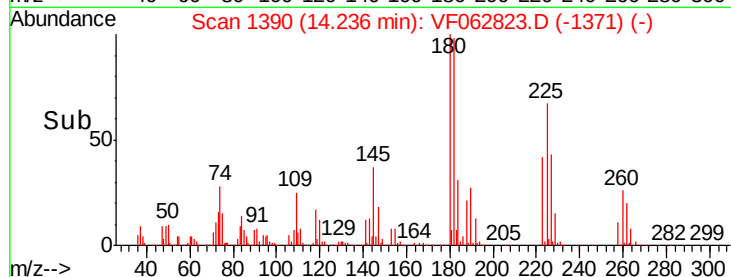
145 36.5 15.4 46.2



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: 19.685 ug/l

RT: 14.23 min Scan# 1389

Delta R.T. -0.01 min

Lab File: VF062823.D

Acq: 3 Jun 2019 12:36

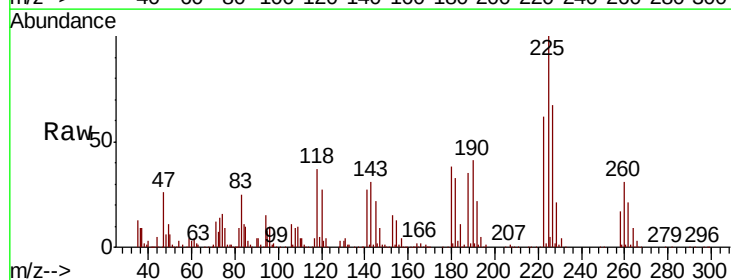
Tgt Ion:225 Resp: 162864

Ion Ratio Lower Upper

225 100

223 62.0 30.8 92.4

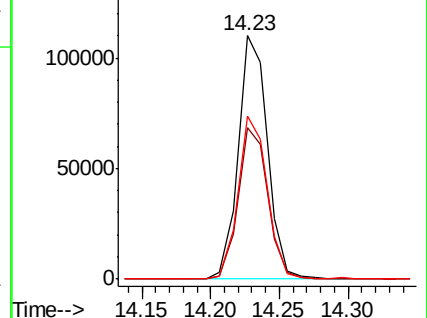
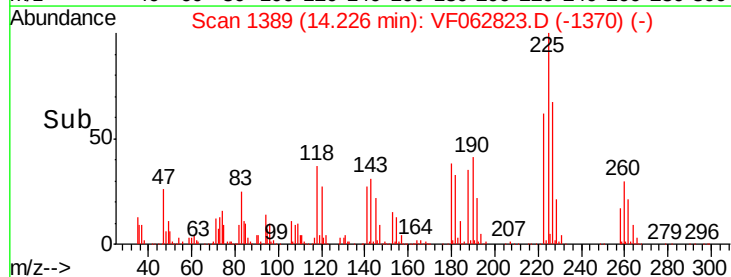
227 66.8 31.9 95.5

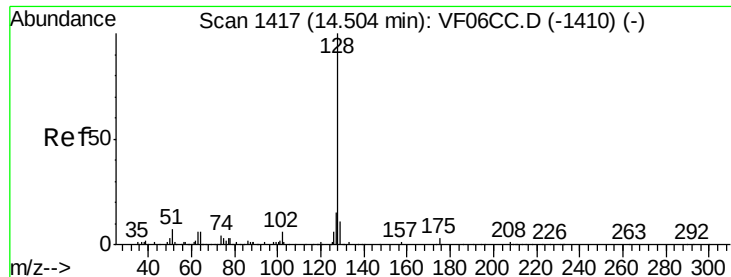


Abundance Ion 225.00 (224.70 to 225.70): V

Ion 223.00 (222.70 to 223.70): V

Ion 227.00 (226.70 to 227.70): V

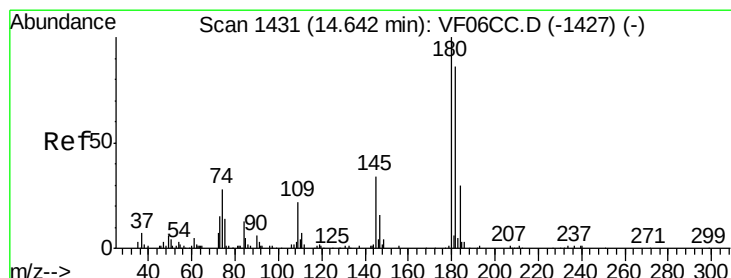
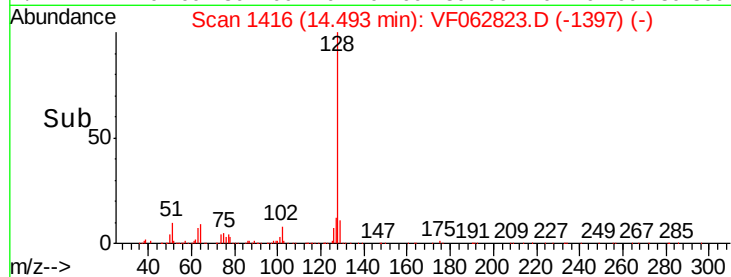
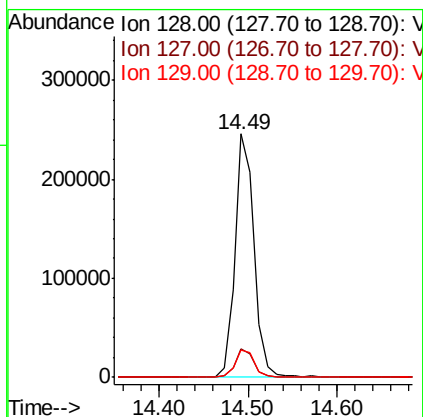
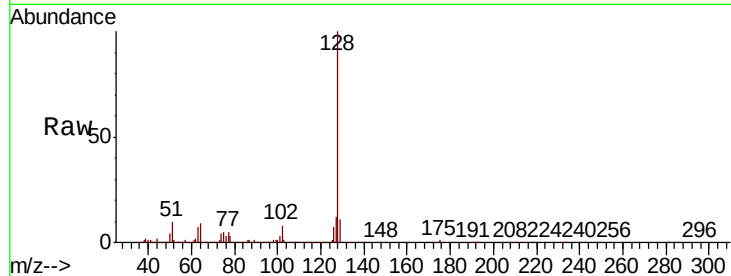




#95
Naphthalene
Concen: 18.865 ug/l
RT: 14.49 min Scan# 1416
Delta R.T. -0.01 min
Lab File: VF062823.D
Acq: 3 Jun 2019 12:36

Instrument :
MSVOA_F
ClientSampleId :

Tot Ion:128 Resp: 369613
Ion Ratio Lower Upper
128 100
127 11.8 9.7 14.5
129 11.3 9.4 14.2



#96
1,2,3-Trichlorobenzene
Concen: 19.799 ug/l
RT: 14.64 min Scan# 1431
Delta R.T. -0.00 min
Lab File: VF062823.D
Acq: 3 Jun 2019 12:36

Tgt Ion:180 Resp: 216137
Ion Ratio Lower Upper
180 100
182 93.3 48.6 145.9
145 31.1 15.7 47.0

