

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF060519\
 Data File : VF062862.D
 Acq On : 5 Jun 2019 13:47
 Operator : FY/SY
 Sample : VF0605SBS01
 Misc : 5.00g/5mL/MSVOA F/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :

Quant Time: Jun 06 08:00:36 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F053019S.M
 Quant Title : SW846 8260
 QLast Update : Fri May 31 04:18:30 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.07	168	837285	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.79	114	1377922	50.00	ug/l	-0.02
63) Chlorobenzene-d5	9.93	117	1144646	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.62	152	527398	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	5.05	65	320354	55.33	ug/l	0.00
Spiked Amount			Recovery	=	110.66%	
35) Dibromofluoromethane	4.33	113	586748	56.35	ug/l	0.00
Spiked Amount			Recovery	=	112.70%	
50) Toluene-d8	7.73	98	1432919	54.42	ug/l	0.00
Spiked Amount			Recovery	=	108.84%	
62) 4-Bromofluorobenzene	11.50	95	550325	58.10	ug/l	0.00
Spiked Amount			Recovery	=	116.20%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.01	85	228980	21.735	ug/l	98
3) Chloromethane	1.15	50	187956	21.695	ug/l	98
4) Vinyl Chloride	1.19	62	174682	20.290	ug/l	100
5) Bromomethane	1.40	94	100843	20.539	ug/l	91
6) Chloroethane	1.46	64	65445	20.332	ug/l #	87
7) Trichlorofluoromethane	1.55	101	274712	22.540	ug/l	91
8) Diethyl Ether	1.72	74	49977	20.842	ug/l	94
9) 1,1,2-Trichlorotrifluoroet	1.92	101	176260	23.003	ug/l	97
10) Methyl Iodide	1.99	142	263475	17.149	ug/l	98
11) Tert butyl alcohol	2.71	59	33447	95.360	ug/l #	85
12) 1,1-Dichloroethene	1.88	96	148460	21.337	ug/l	100
13) Acrolein	1.97	56	1072	Below Cal		88
14) Allyl chloride	2.21	41	150244	27.834	ug/l	91
15) Acrylonitrile	3.11	53	154245	117.034	ug/l	97
16) Acetone	2.36	43	123671	93.324	ug/l	92
17) Carbon Disulfide	1.92	76	443822	21.824	ug/l	97
18) Methyl Acetate	2.47	43	50315	21.728	ug/l	90
19) Methyl tert-butyl Ether	2.56	73	262830	20.850	ug/l	99
20) Methylene Chloride	2.36	84	107101	13.989	ug/l	95
21) trans-1,2-Dichloroethene	2.44	96	161028	23.082	ug/l	96
22) Diisopropyl ether	2.95	45	316959	20.668	ug/l	96
23) Vinyl Acetate	3.36	43	1133720	107.983	ug/l	100
24) 1,1-Dichloroethane	3.03	63	260749	22.772	ug/l #	97
25) 2-Butanone	4.53	43	290938	94.276	ug/l	98
26) 2,2-Dichloropropane	3.80	77	154241	23.724	ug/l	95
27) cis-1,2-Dichloroethene	3.67	96	248310	21.175	ug/l	99
28) Bromochloromethane	3.92	49	123183	19.777	ug/l	93
29) Tetrahydrofuran	4.28	42	124371	105.371	ug/l	98
30) Chloroform	4.06	83	349635	21.666	ug/l	93
31) Cyclohexane	3.88	56	312761	20.175	ug/l	93
32) 1,1,1-Trichloroethane	4.31	97	221965	23.624	ug/l	95
36) 1,1-Dichloropropene	4.50	75	281174	22.166	ug/l	95
37) Ethyl Acetate	4.32	43	103780	21.402	ug/l	91
38) Carbon Tetrachloride	4.20	117	188509	21.989	ug/l	98

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Instrument :
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 ClientSampleId :

Quant Time: Jun 06 08:00:36 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F053019S.M
 Quant Title : SW846 8260
 QLast Update : Fri May 31 04:18:30 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	5.65	83	336363	21.305	ug/l	95
40) Benzene	4.84	78	807194	21.864	ug/l	97
41) Methacrylonitrile	4.95	41	56106	20.813	ug/l	90
42) 1,2-Dichloroethane	5.15	62	150109	21.378	ug/l	100
43) Isopropyl Acetate	7.13	43	129430	20.206	ug/l #	95
44) Trichloroethene	5.70	130	232278	22.293	ug/l	100
45) 1,2-Dichloropropane	6.43	63	198519	21.428	ug/l	94
46) Dibromomethane	6.27	93	115761	21.402	ug/l	93
47) Bromodichloromethane	6.57	83	226048	20.520	ug/l #	90
48) Methyl methacrylate	6.89	41	65359	19.798	ug/l	94
49) 1,4-Dioxane	6.89	88	16294	374.454	ug/l	94
51) 4-Methyl-2-Pentanone	8.42	43	515854	112.798	ug/l	98
52) Toluene	7.80	92	436169	21.935	ug/l	92
53) t-1,3-Dichloropropene	8.44	75	203539	22.298	ug/l	100
54) cis-1,3-Dichloropropene	7.47	75	281285	21.288	ug/l	98
55) 1,1,2-Trichloroethane	8.65	97	129479	21.796	ug/l	93
56) Ethyl methacrylate	8.77	69	141285	22.166	ug/l	97
57) 1,3-Dichloropropane	9.01	76	226120	23.309	ug/l	94
58) 2-Chloroethyl Vinyl ether	7.46	63	256779	115.270	ug/l	98
59) 2-Hexanone	9.63	43	396865	121.751	ug/l	97
60) Dibromochloromethane	8.87	129	165959	22.565	ug/l	99
61) 1,2-Dibromoethane	9.15	107	142775	23.142	ug/l	96
64) Tetrachloroethene	8.32	164	174577	19.848	ug/l	94
65) Chlorobenzene	9.95	112	488034	22.078	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.07	131	184779	20.989	ug/l	95
67) Ethyl Benzene	10.04	91	820080	21.619	ug/l	97
68) m/p-Xylenes	10.27	106	633281	43.628	ug/l	84
69) o-Xylene	10.82	106	308166	20.969	ug/l	89
70) Styrene	10.90	104	464432	21.440	ug/l	96
71) Bromoform	10.89	173	85462	20.236	ug/l #	100
73) Isopropylbenzene	11.23	105	852608	23.169	ug/l	94
74) N-amyl acetate	11.45	43	247242	23.838	ug/l	96
75) 1,1,2,2-Tetrachloroethane	11.78	83	180712	22.995	ug/l	95
76) 1,2,3-Trichloropropane	11.88	75	115243	22.123	ug/l	92
77) Bromobenzene	11.59	156	198204	21.436	ug/l	97
78) n-propylbenzene	11.68	91	1002894	22.571	ug/l	94
79) 2-Chlorotoluene	11.80	91	561656	22.091	ug/l	97
80) 1,3,5-Trimethylbenzene	11.90	105	673862	22.392	ug/l	93
81) trans-1,4-Dichloro-2-buten	11.95	75	63997	29.018	ug/l	92
82) 4-Chlorotoluene	11.98	91	558814	22.365	ug/l	94
83) tert-Butylbenzene	12.20	119	695621	23.328	ug/l	93
84) 1,2,4-Trimethylbenzene	12.27	105	670759	23.508	ug/l	91
85) sec-Butylbenzene	12.37	105	922856	23.486	ug/l	94
86) p-Isopropyltoluene	12.53	119	781116	23.883	ug/l	96
87) 1,3-Dichlorobenzene	12.54	146	373469	22.903	ug/l	94
88) 1,4-Dichlorobenzene	12.63	146	341286	22.426	ug/l	97
89) n-Butylbenzene	12.90	91	777018	23.618	ug/l	89
90) Hexachloroethane	12.98	117	180334	22.607	ug/l	92
91) 1,2-Dichlorobenzene	13.00	146	318419	22.216	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.69	75	18443	21.541	ug/l	90

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ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_F
ClientSampleId :

Quant Time: Jun 06 08:00:36 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_F\METHODS\82F053019S.M
Quant Title : SW846 8260
QLast Update : Fri May 31 04:18:30 2019
Response via : Initial Calibration

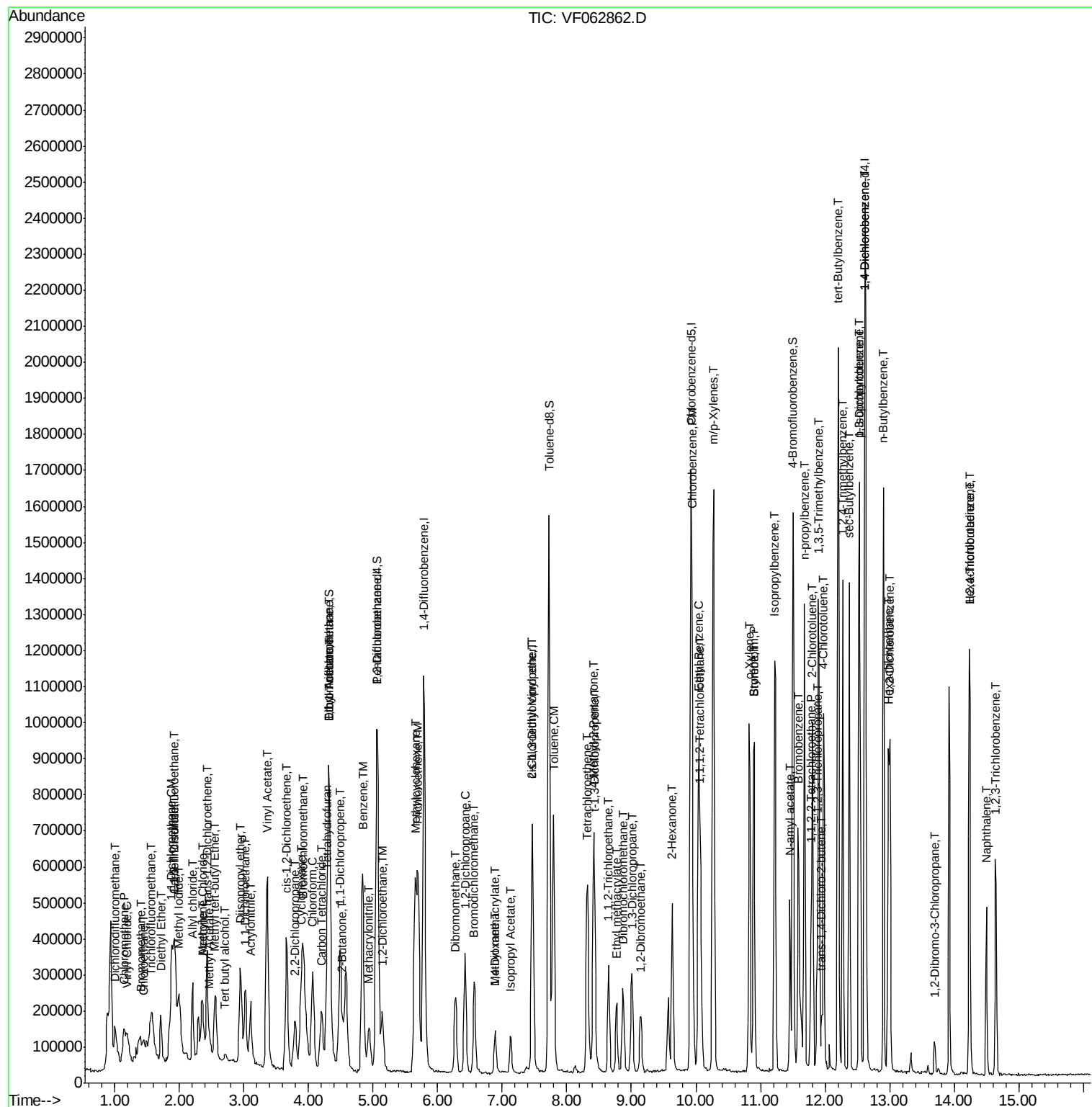
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.24	180	195860	19.902	ug/l	98
94) Hexachlorobutadiene	14.23	225	134915	19.817	ug/l	99
95) Naphthalene	14.50	128	322181	19.983	ug/l	98
96) 1,2,3-Trichlorobenzene	14.65	180	187229	20.842	ug/l	92

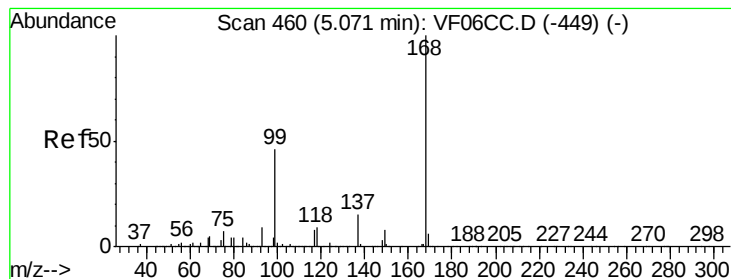
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA F\DATA\VF060519\
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 Quant Title : SW846 8260
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.07 min Scan# 460

Delta R.T. -0.01 min

Lab File: VF062862.D

Acq: 5 Jun 2019 13:47

Instrument :

MSVOA_F

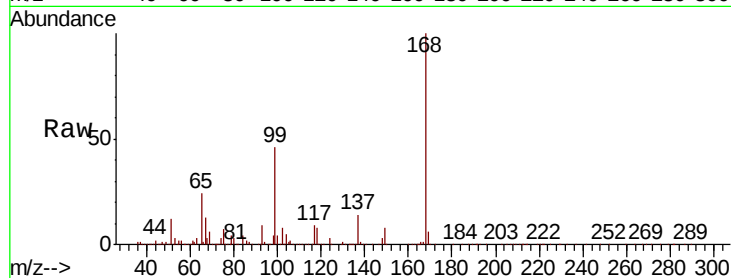
ClientSampleId :

Tot Ion:168 Resp: 837285

Ion Ratio Lower Upper

168 100

99 45.9 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

250000

200000

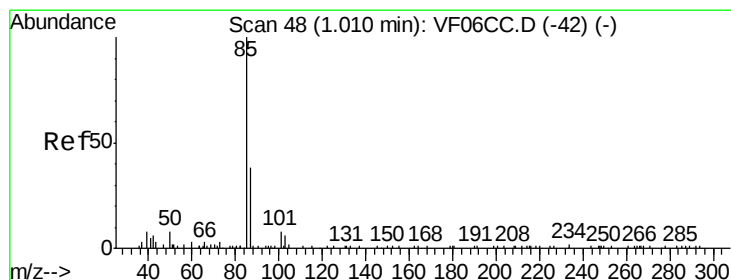
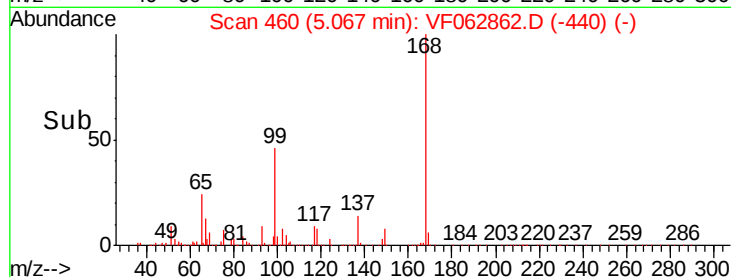
150000

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 21.735 ug/l

RT: 1.01 min Scan# 48

Delta R.T. -0.01 min

Lab File: VF062862.D

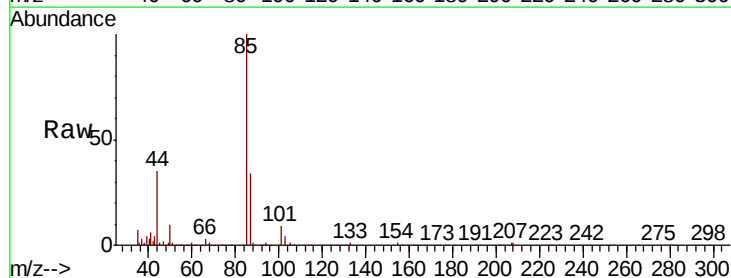
Acq: 5 Jun 2019 13:47

Tgt Ion: 85 Resp: 228980

Ion Ratio Lower Upper

85 100

87 34.3 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

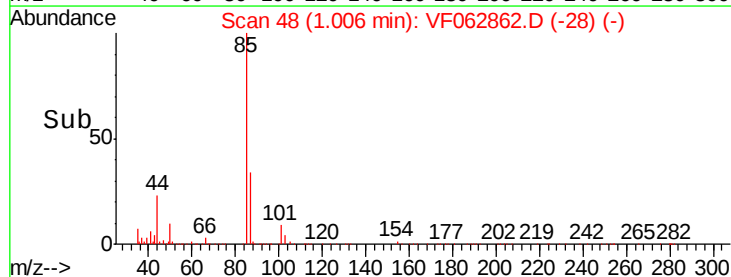
60000

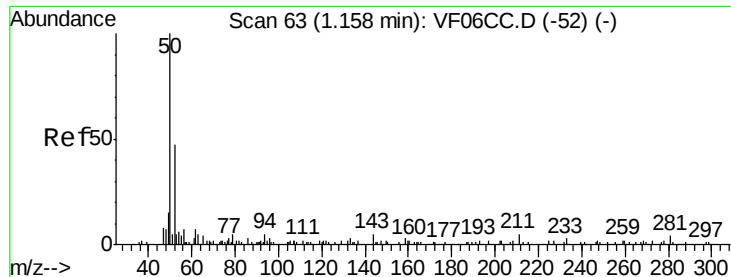
40000

20000

0

Time-->





#3

Chloromethane

Concen: 21.695 ug/l

RT: 1.15 min Scan# 63

Delta R.T. 0.00 min

Lab File: VF062862.D

Acq: 5 Jun 2019 13:47

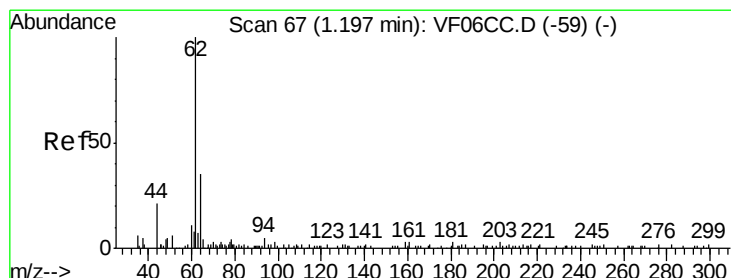
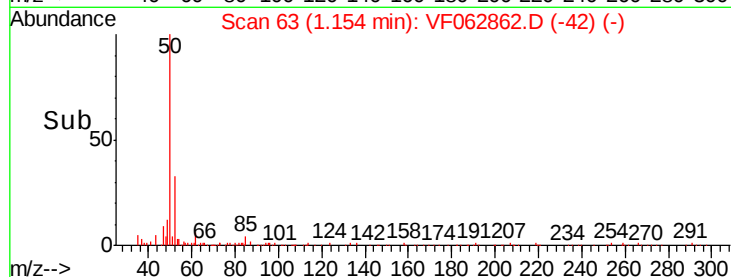
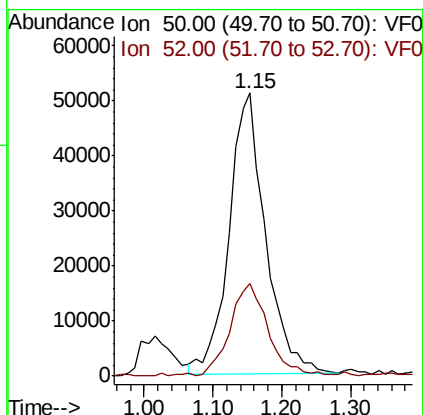
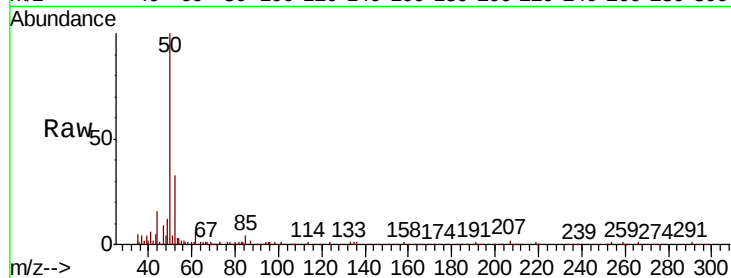
Instrument :
MSVOA_F
ClientSampled :

Tot Ion: 50 Resp: 187956

Ion Ratio Lower Upper

50 100

52 32.7 27.0 40.4



#4

Vinyl Chloride

Concen: 20.290 ug/l

RT: 1.19 min Scan# 67

Delta R.T. -0.01 min

Lab File: VF062862.D

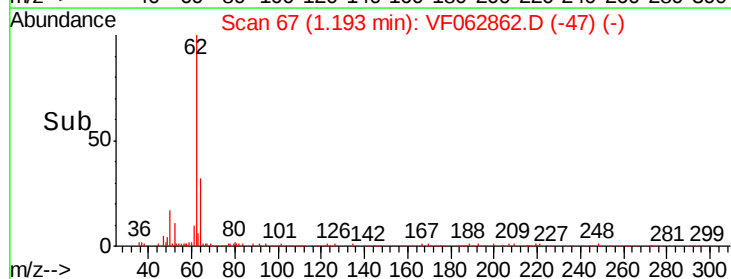
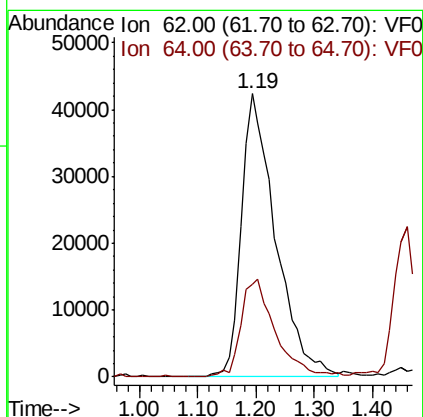
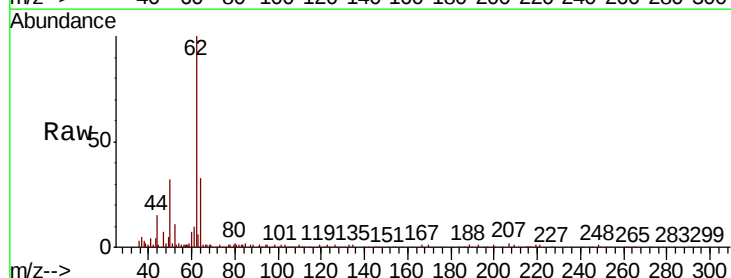
Acq: 5 Jun 2019 13:47

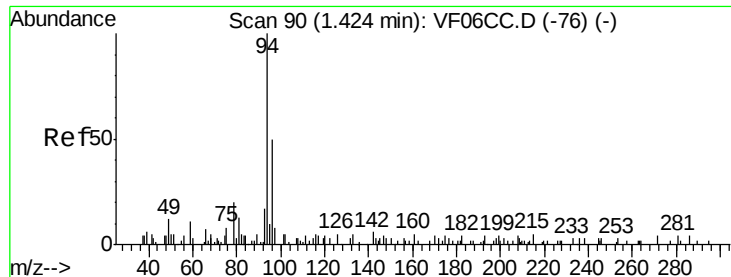
Tgt Ion: 62 Resp: 174682

Ion Ratio Lower Upper

62 100

64 32.6 26.2 39.2





#5

Bromomethane

Concen: 20.539 ug/l

RT: 1.40 min Scan# 88

Delta R.T. -0.01 min

Lab File: VF062862.D

Acq: 5 Jun 2019 13:47

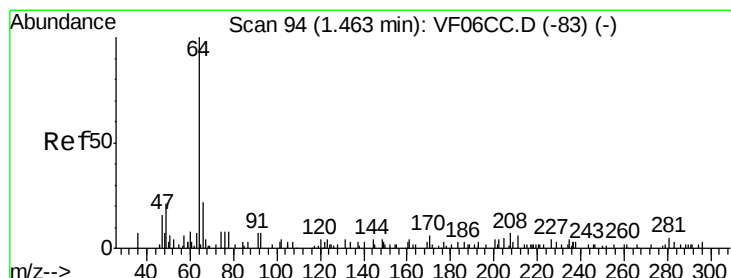
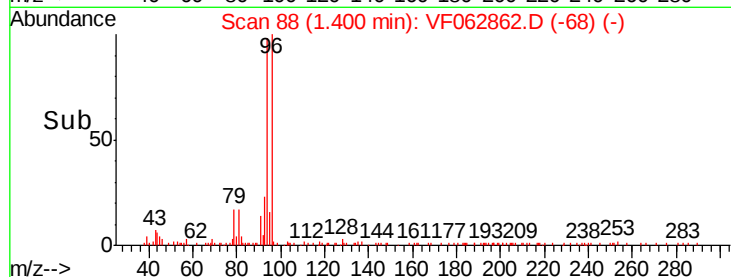
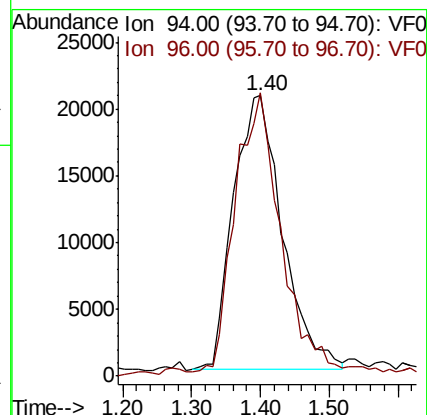
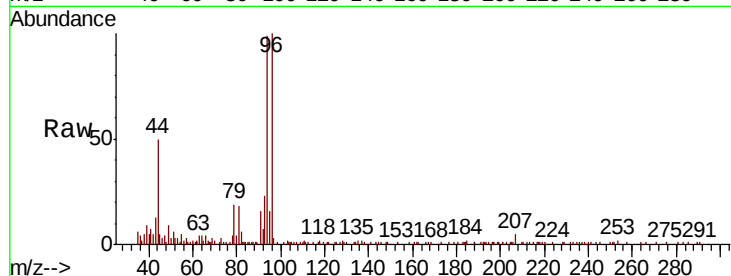
Instrument :
MSVOA_F
ClientSampleId :

Tot Ion: 94 Resp: 100843

Ion Ratio Lower Upper

94 100

96 101.0 73.8 110.6



#6

Chloroethane

Concen: 20.332 ug/l

RT: 1.46 min Scan# 94

Delta R.T. -0.01 min

Lab File: VF062862.D

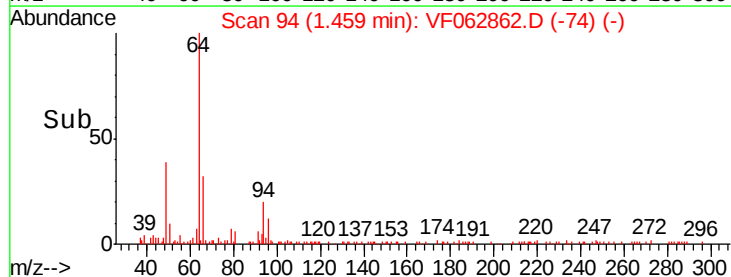
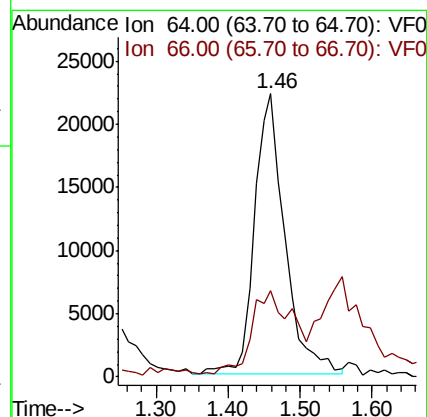
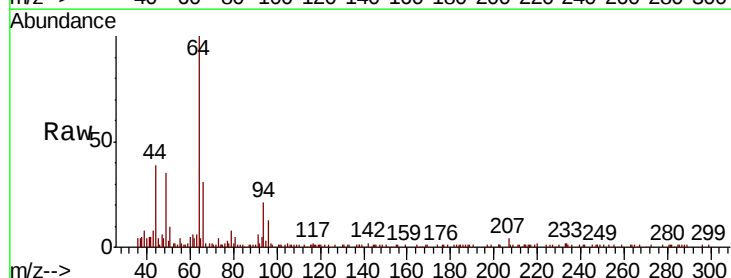
Acq: 5 Jun 2019 13:47

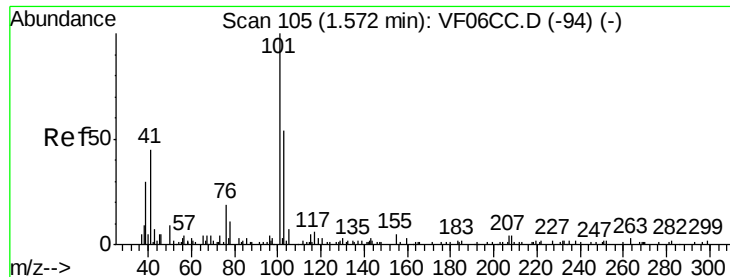
Tgt Ion: 64 Resp: 65445

Ion Ratio Lower Upper

64 100

66 30.6 31.0 46.4#



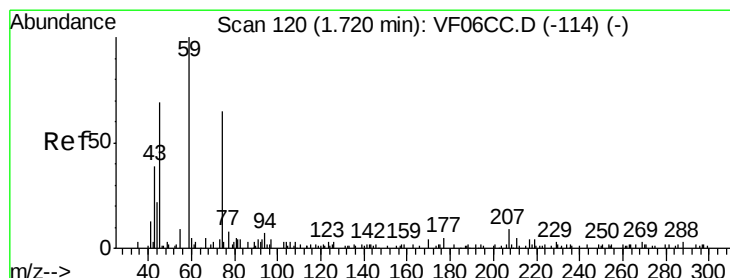
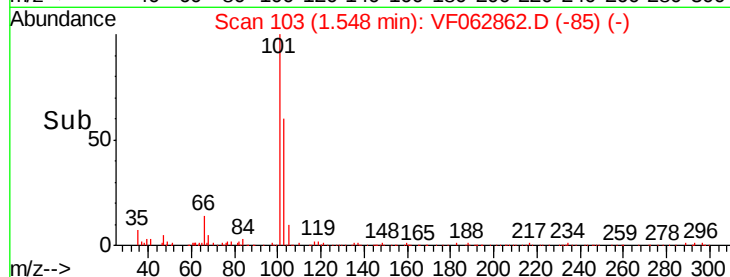
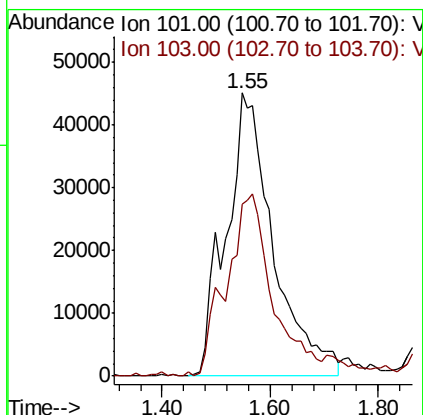
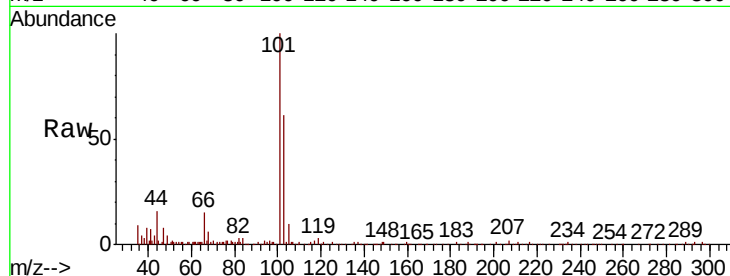


#7

Trichlorofluoromethane
Concen: 22.540 ug/l
RT: 1.55 min Scan# 103
Delta R.T. -0.03 min
Lab File: VF062862.D
Acq: 5 Jun 2019 13:47

Instrument :
MSVOA_F
ClientSampled :

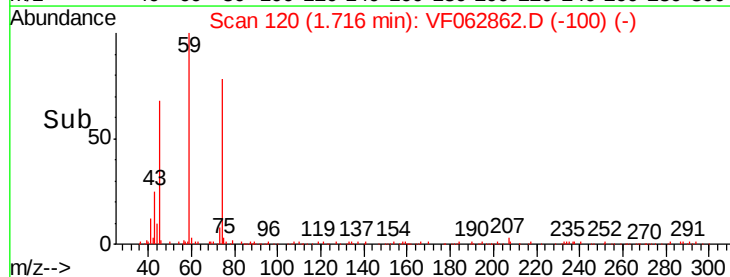
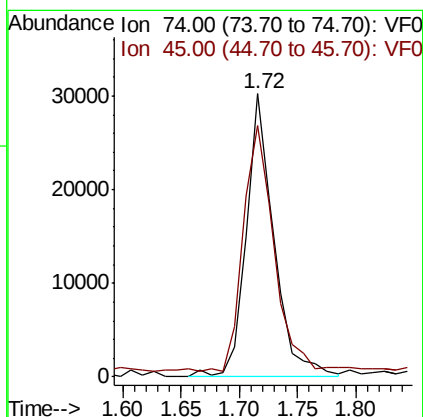
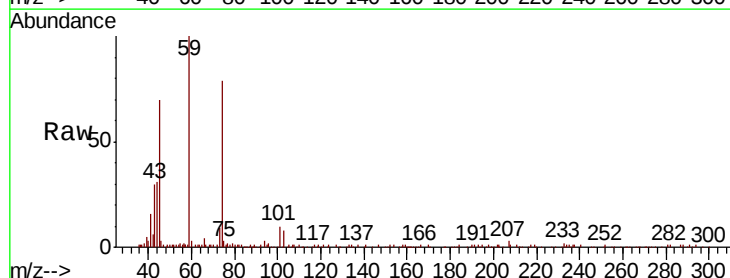
Tot Ion:101 Resp: 274712
Ion Ratio Lower Upper
101 100
103 60.7 54.6 82.0

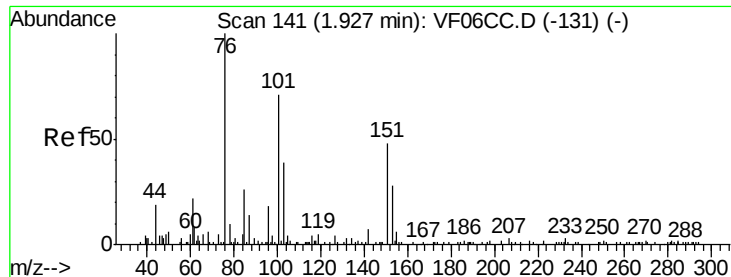


#8

Diethyl Ether
Concen: 20.842 ug/l
RT: 1.72 min Scan# 120
Delta R.T. -0.01 min
Lab File: VF062862.D
Acq: 5 Jun 2019 13:47

Tgt Ion: 74 Resp: 49977
Ion Ratio Lower Upper
74 100
45 88.9 47.5 142.5





#9

1,1,2-Trichlorotrifluoroethane

Concen: 23.003 ug/l

RT: 1.92 min Scan# 141

Delta R.T. -0.02 min

Lab File: VF062862.D

Acq: 5 Jun 2019 13:47

Instrument :

MSVOA_F

ClientSampled :

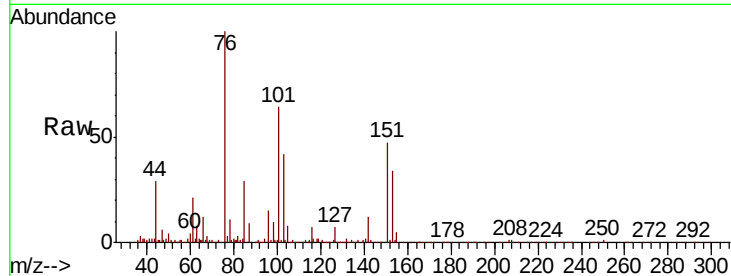
Tot Ion:101 Resp: 176260

Ion Ratio Lower Upper

101 100

85 44.0 37.1 55.7

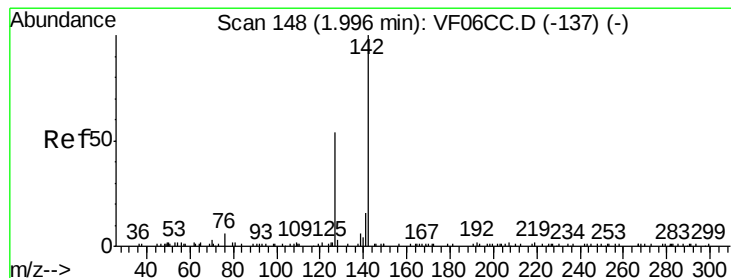
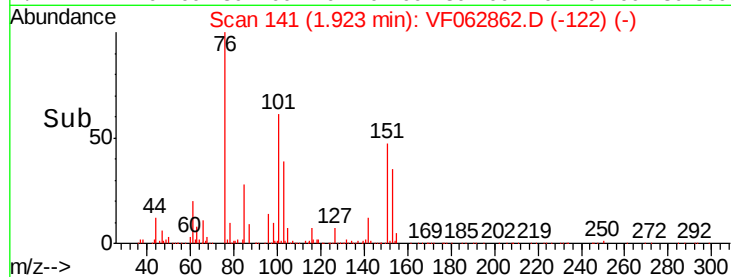
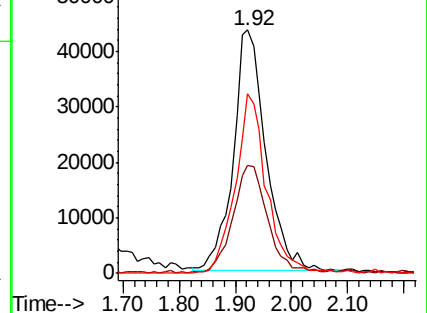
151 72.6 60.3 90.5



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VF0

Ion 151.00 (150.70 to 151.70): V



#10

Methyl Iodide

Concen: 17.149 ug/l

RT: 1.99 min Scan# 148

Delta R.T. -0.03 min

Lab File: VF062862.D

Acq: 5 Jun 2019 13:47

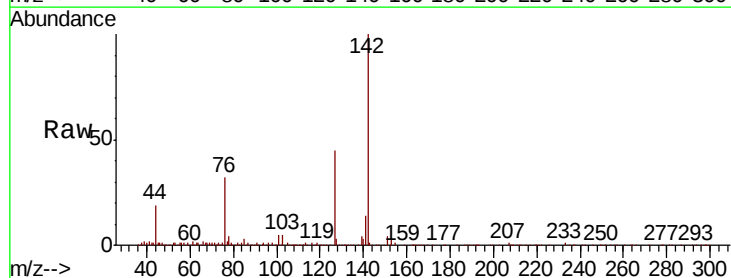
Tgt Ion:142 Resp: 263475

Ion Ratio Lower Upper

142 100

127 48.2 39.4 59.2

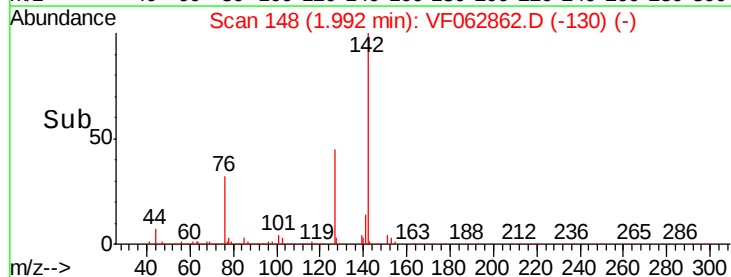
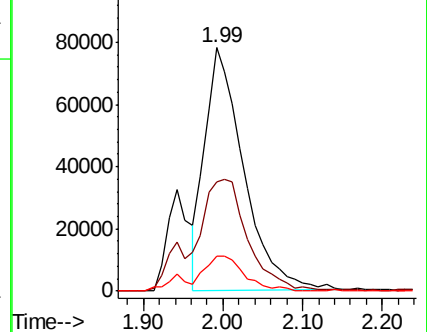
141 14.3 10.6 15.8

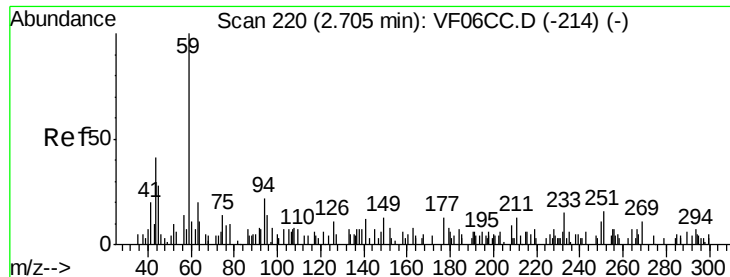


Abundance Ion 142.00 (141.70 to 142.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 141.00 (140.70 to 141.70): V

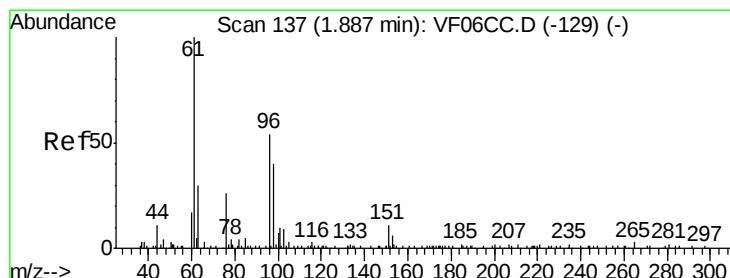
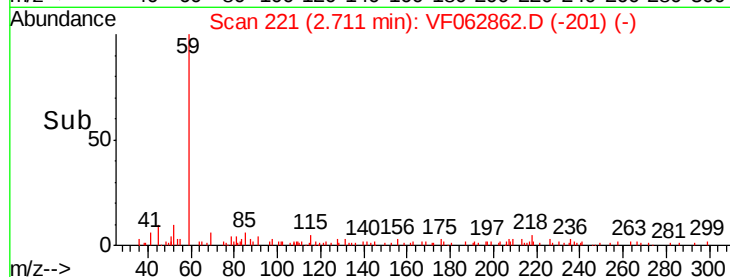
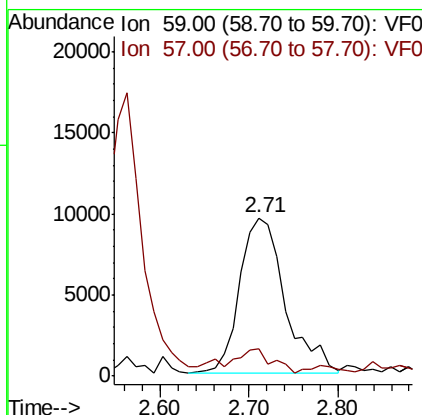
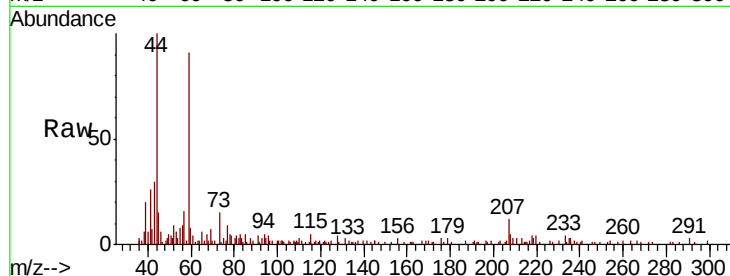




#11
Tert butyl alcohol
Concen: 95.360 ug/l
RT: 2.71 min Scan# 221
Delta R.T. -0.01 min
Lab File: VF062862.D
Acq: 5 Jun 2019 13:47

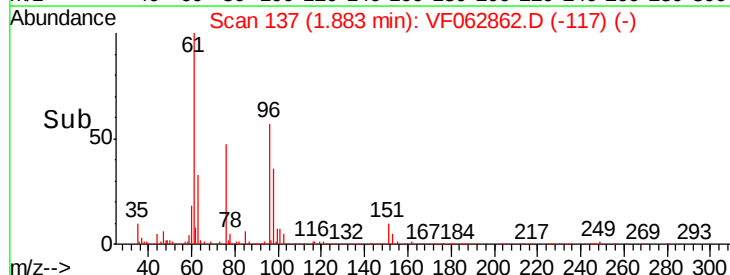
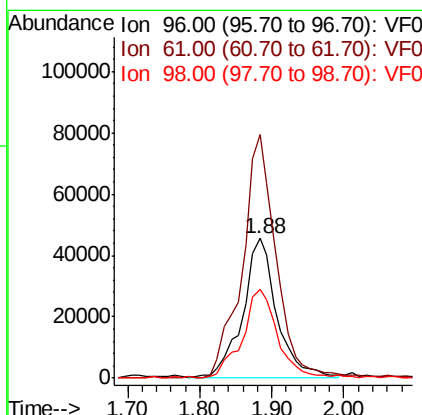
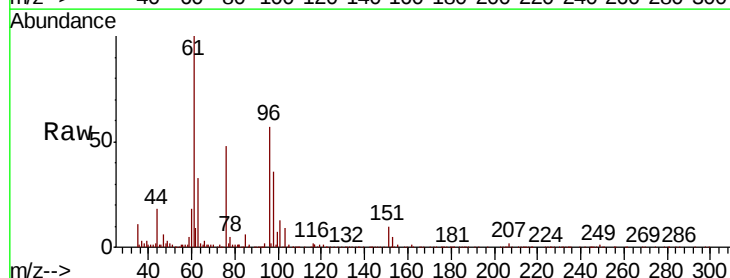
Instrument :
MSVOA_F
ClientSampled :

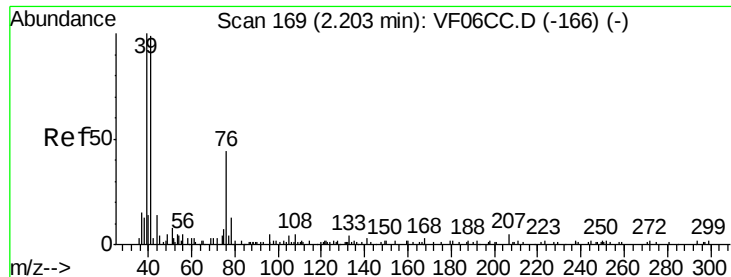
Tot Ion: 59 Resp: 33447
Ion Ratio Lower Upper
59 100
57 17.4 9.2 13.8#



#12
1,1-Dichloroethene
Concen: 21.337 ug/l
RT: 1.88 min Scan# 137
Delta R.T. -0.01 min
Lab File: VF062862.D
Acq: 5 Jun 2019 13:47

Tgt Ion: 96 Resp: 148460
Ion Ratio Lower Upper
96 100
61 174.7 139.4 209.2
98 63.4 50.3 75.5





#14

Allvl chloride

Concen: 27.834 ug/l

RT: 2.21 min Scan# 170

Delta R.T. -0.01 min

Lab File: VF062862.D

Acq: 5 Jun 2019 13:47

Instrument :

MSVOA_F

ClientSampleId :

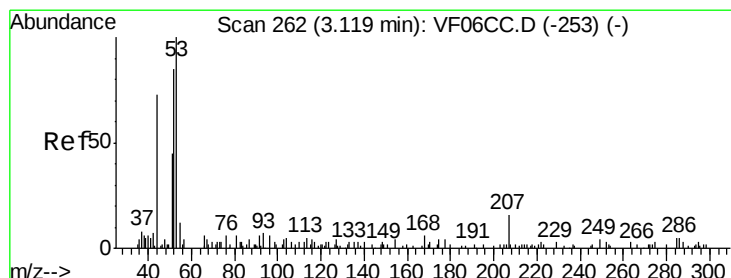
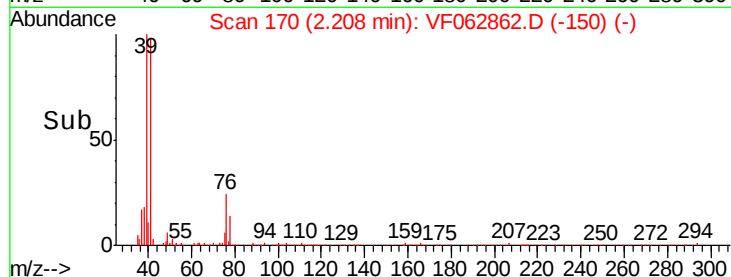
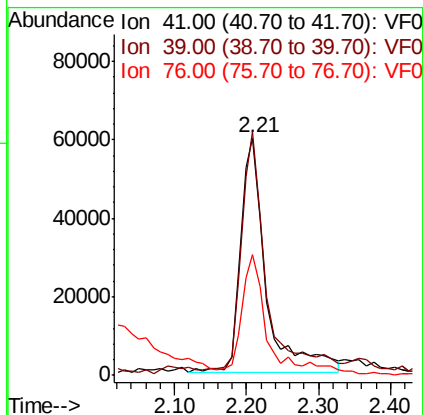
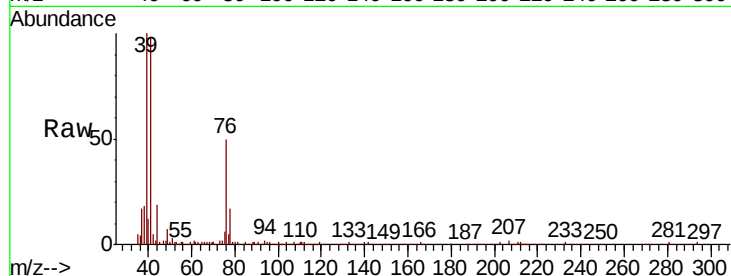
Tot Ion: 41 Resp: 150244

Ion Ratio Lower Upper

41 100

39 102.4 71.9 107.9

76 50.9 39.6 59.4



#15

Acrylonitrile

Concen: 117.034 ug/l

RT: 3.11 min Scan# 261

Delta R.T. -0.01 min

Lab File: VF062862.D

Acq: 5 Jun 2019 13:47

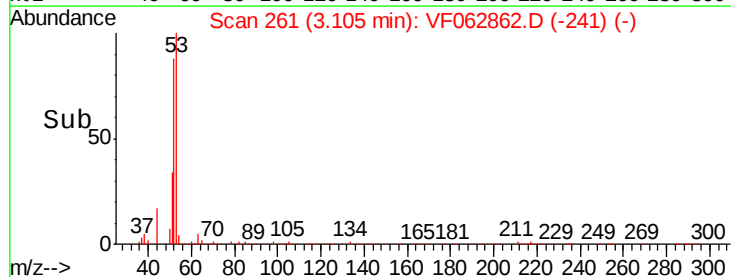
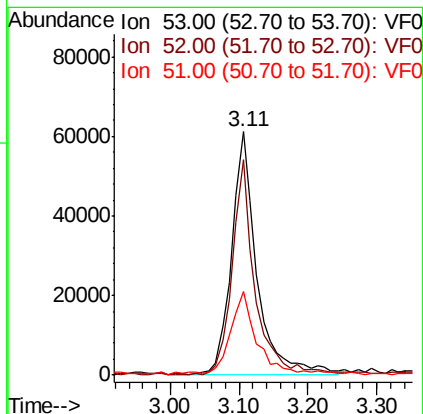
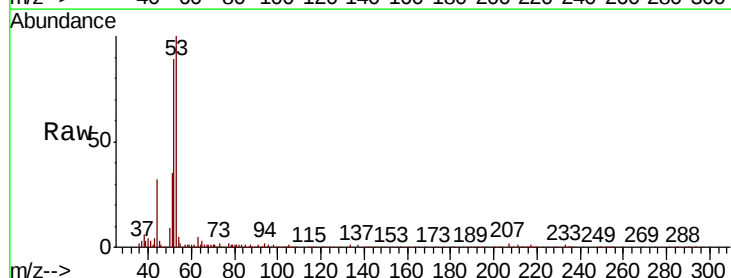
Tgt Ion: 53 Resp: 154245

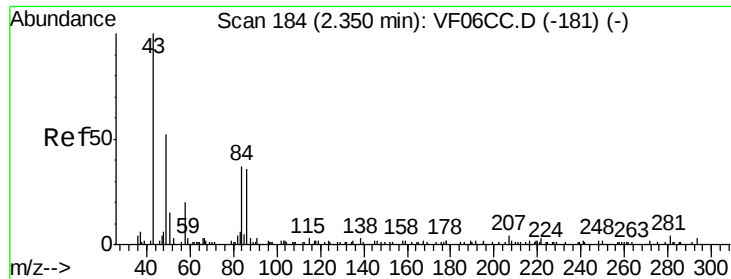
Ion Ratio Lower Upper

53 100

52 88.7 68.1 102.1

51 34.6 27.7 41.5

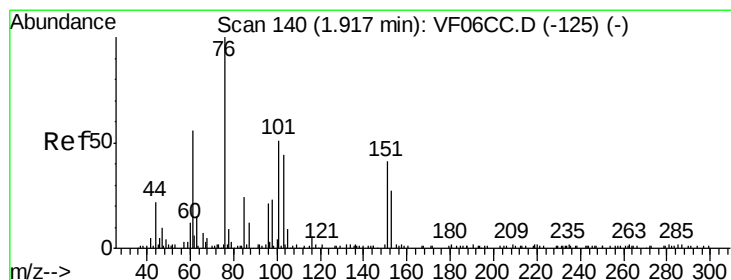
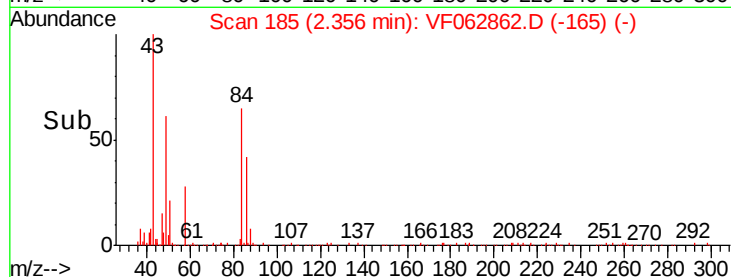
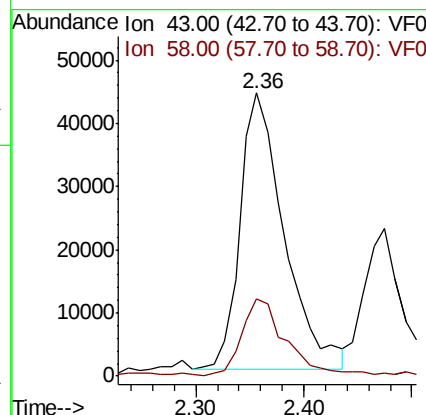
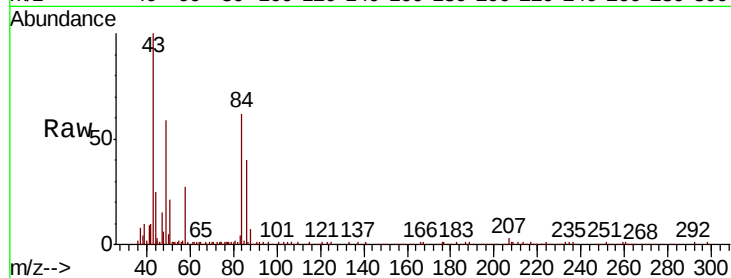




#16
Acetone
Concen: 93.324 ug/l
RT: 2.36 min Scan# 185
Delta R.T. -0.01 min
Lab File: VF062862.D
Acq: 5 Jun 2019 13:47

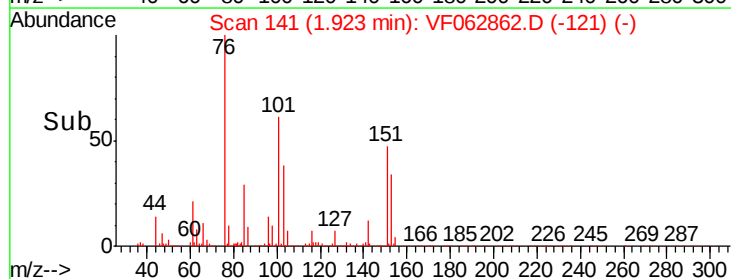
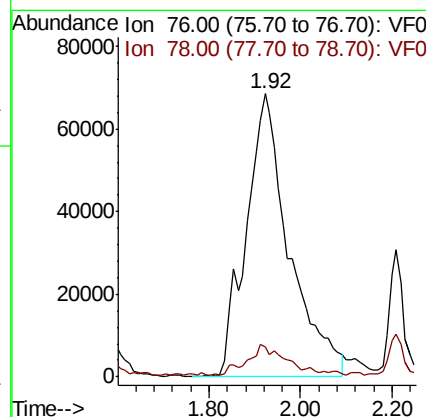
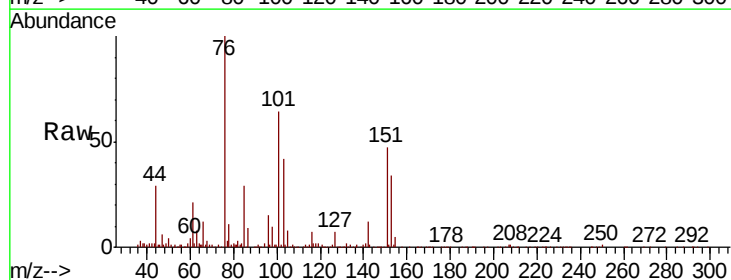
Instrument :
MSVOA_F
ClientSampled :

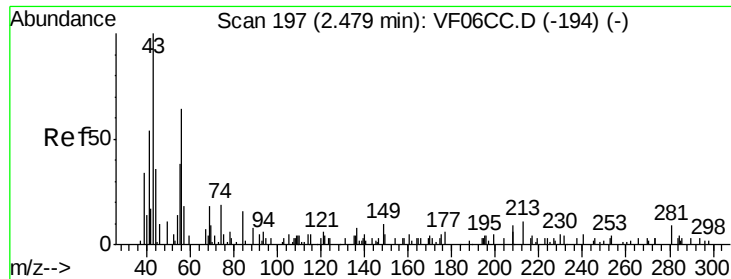
Tot Ion: 43 Resp: 123671
Ion Ratio Lower Upper
43 100
58 27.4 19.0 28.4



#17
Carbon Disulfide
Concen: 21.824 ug/l
RT: 1.92 min Scan# 141
Delta R.T. -0.01 min
Lab File: VF062862.D
Acq: 5 Jun 2019 13:47

Tgt Ion: 76 Resp: 443822
Ion Ratio Lower Upper
76 100
78 10.7 9.4 14.2

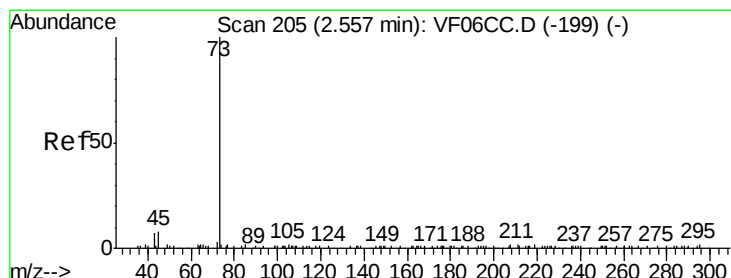
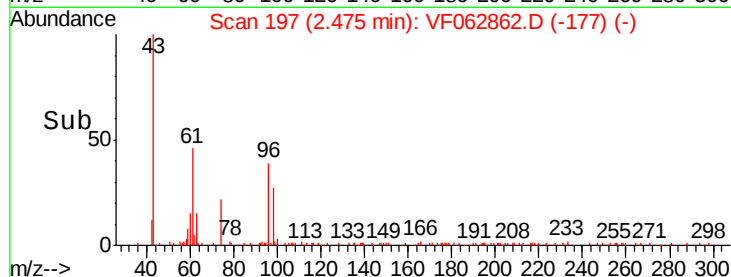
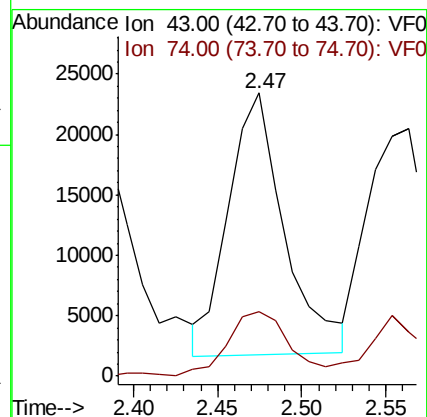
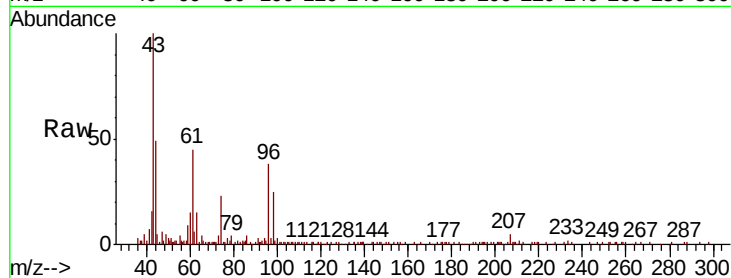




#18
Methyl Acetate
Concen: 21.728 ug/l
RT: 2.47 min Scan# 197
Delta R.T. -0.01 min
Lab File: VF062862.D
Acq: 5 Jun 2019 13:47

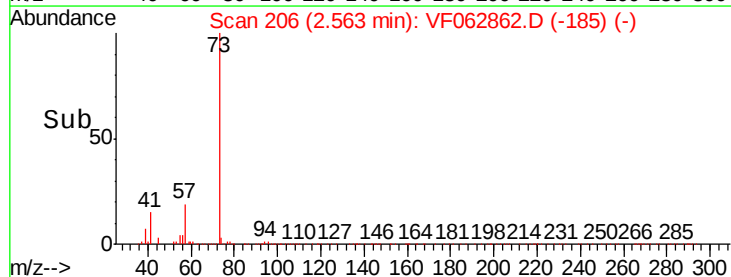
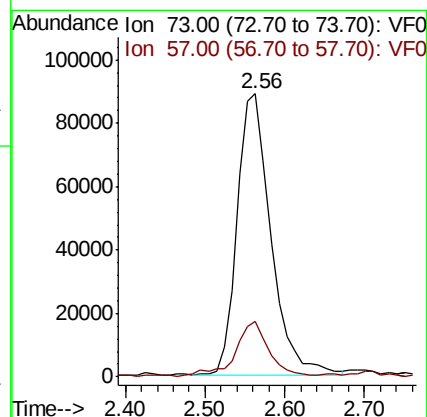
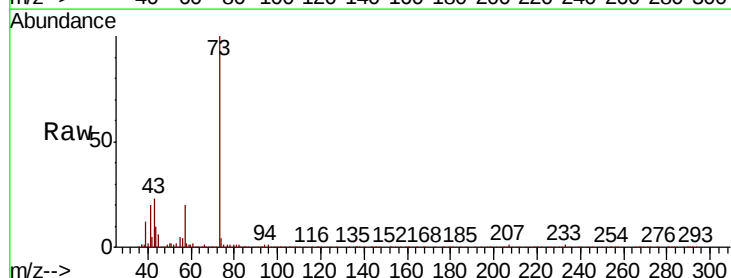
Instrument :
MSVOA_F
ClientSampleId :

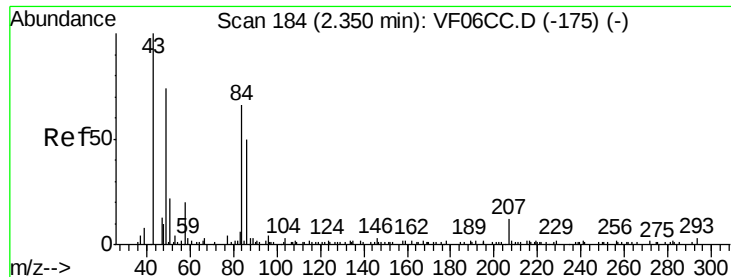
Tot Ion: 43 Resp: 50315
Ion Ratio Lower Upper
43 100
74 22.6 22.1 33.1



#19
Methyl tert-butyl Ether
Concen: 20.850 ug/l
RT: 2.56 min Scan# 206
Delta R.T. 0.00 min
Lab File: VF062862.D
Acq: 5 Jun 2019 13:47

Tgt Ion: 73 Resp: 262830
Ion Ratio Lower Upper
73 100
57 19.6 15.1 22.7

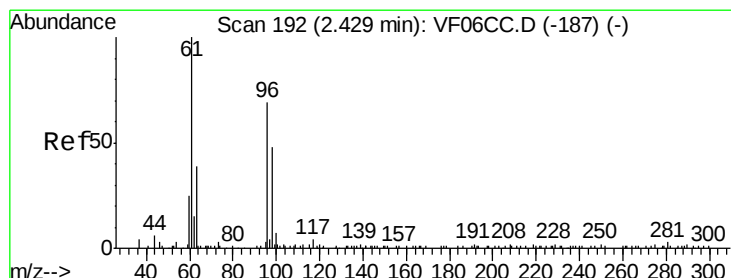
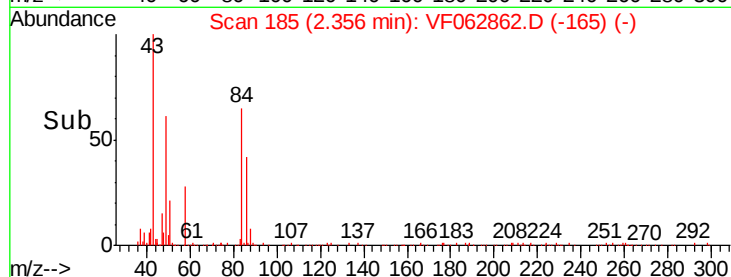
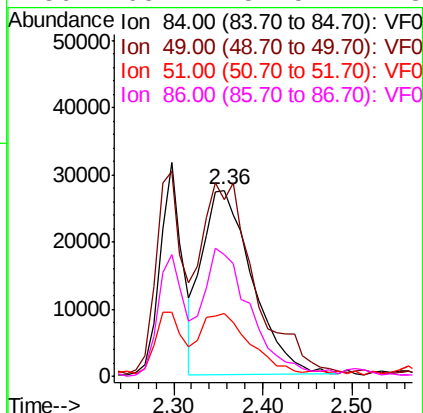
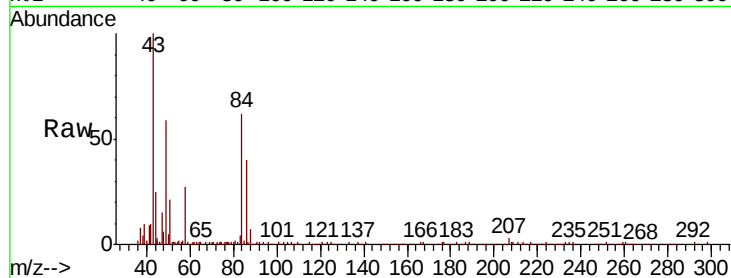




#20
Methvlene Chloride
Concen: 13.989 ug/l
RT: 2.36 min Scan# 185
Delta R.T. -0.01 min
Lab File: VF062862.D
Acq: 5 Jun 2019 13:47

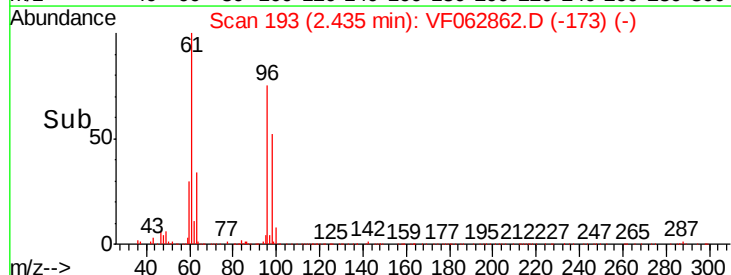
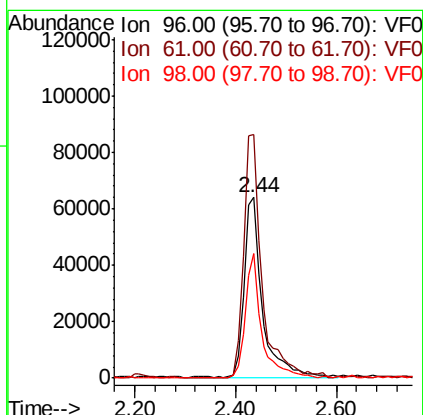
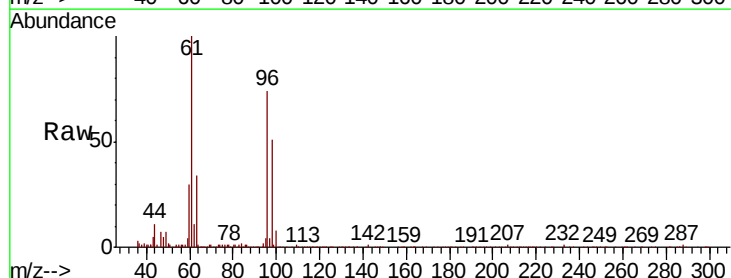
Instrument :
MSVOA_F
ClientSampleId :

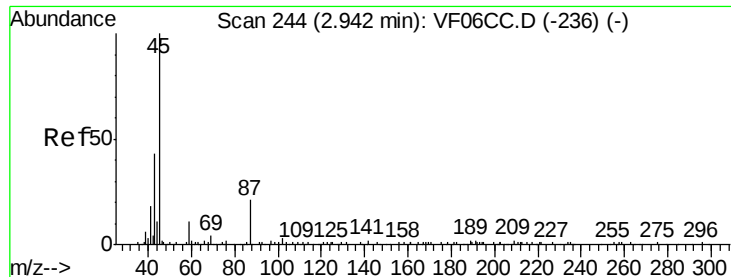
Tot Ion:	84	Resp:	107101
Ion	Ratio	Lower	Upper
84	100		
49	95.1	82.6	123.8
51	34.6	25.0	37.4
86	65.1	51.5	77.3



#21
trans-1,2-Dichloroethene
Concen: 23.082 ug/l
RT: 2.44 min Scan# 193
Delta R.T. -0.01 min
Lab File: VF062862.D
Acq: 5 Jun 2019 13:47

Tgt Ion:	96	Resp:	161028
Ion	Ratio	Lower	Upper
96	100		
61	134.7	105.0	157.6
98	69.3	51.1	76.7



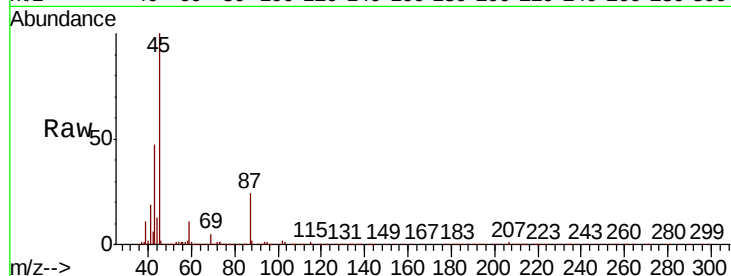


#22

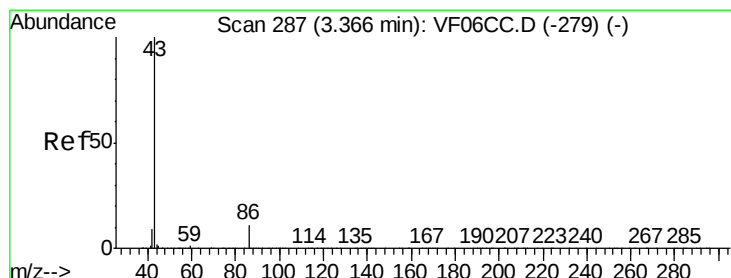
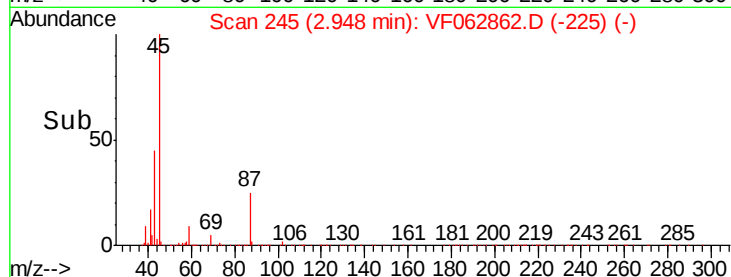
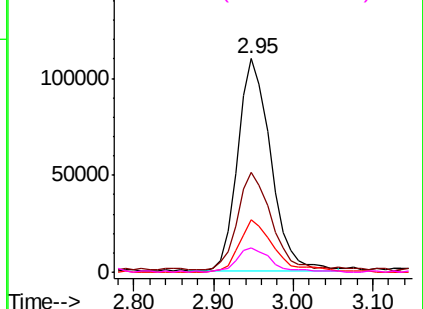
Diisopropyl ether
 Concen: 20.668 ug/l
 RT: 2.95 min Scan# 245
 Delta R.T. -0.01 min
 Lab File: VF062862.D
 Acq: 5 Jun 2019 13:47

Instrument :
 MSVOA_F
 ClientSampleId :

Tot Ion:	45	Resp:	316959
Ion	Ratio	Lower	Upper
45	100		
43	47.0	34.3	51.5
87	24.4	19.0	28.4
59	11.4	9.6	14.4



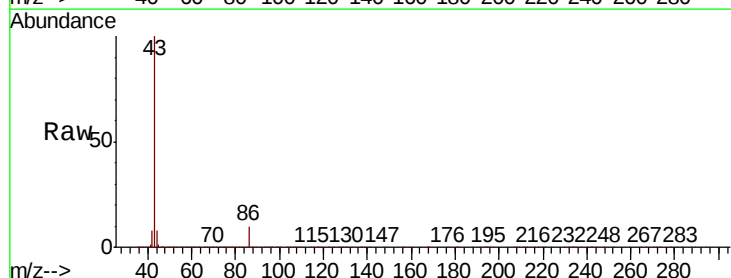
Abundance Ion 45.00 (44.70 to 45.70): VF0
 Ion 43.00 (42.70 to 43.70): VF0
 Ion 87.00 (86.70 to 87.70): VF0
 Ion 59.00 (58.70 to 59.70): VF0



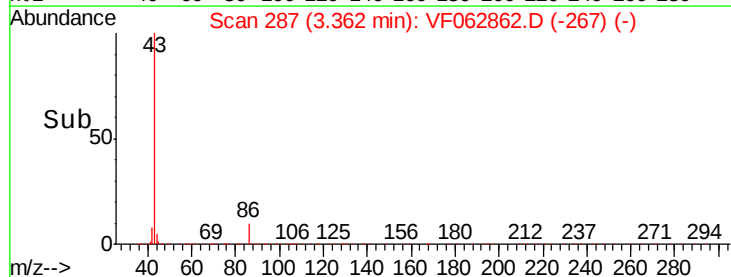
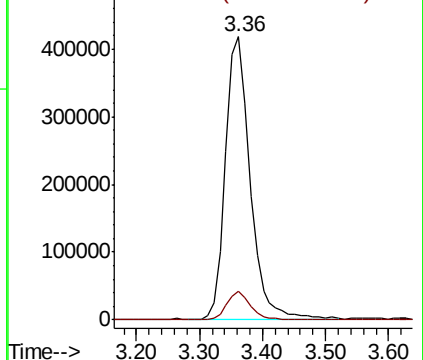
#23

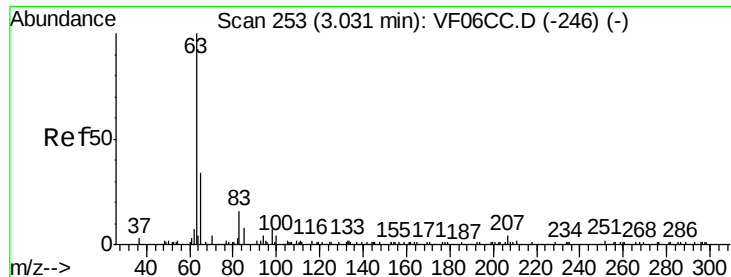
Vinyl Acetate
 Concen: 107.983 ug/l
 RT: 3.36 min Scan# 287
 Delta R.T. -0.01 min
 Lab File: VF062862.D
 Acq: 5 Jun 2019 13:47

Tgt Ion:	43	Resp:	1133720
Ion	Ratio	Lower	Upper
43	100		
86	10.1	8.2	12.2



Abundance Ion 43.00 (42.70 to 43.70): VF0
 Ion 86.00 (85.70 to 86.70): VF0





#24

1,1-Dichloroethane

Concen: 22.772 ug/l

RT: 3.03 min Scan# 253

Delta R.T. -0.01 min

Lab File: VF062862.D

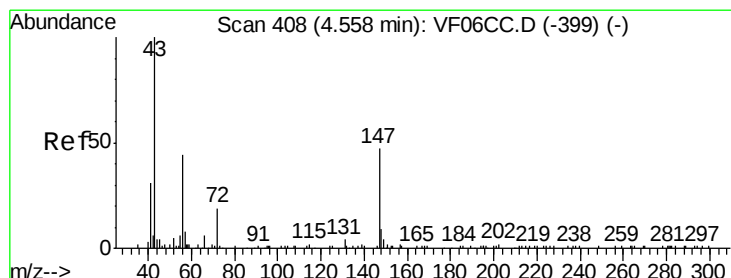
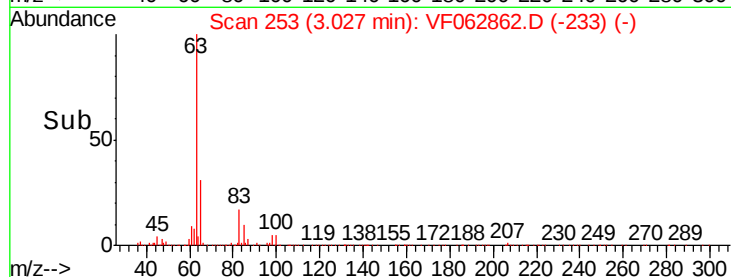
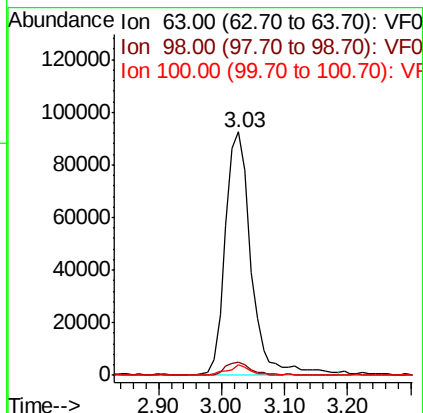
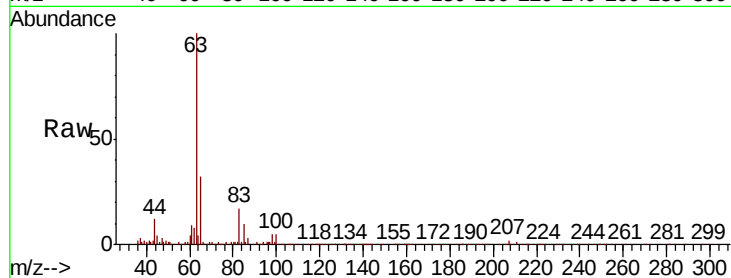
Acq: 5 Jun 2019 13:47

Instrument :

MSVOA_F

ClientSampleId :

Tot Ion:	63	Resp:	260749
Ion	Ratio	Lower	Upper
63	100		
98	5.3	2.4	7.1
100	4.6	1.5	4.5#



#25

2-Butanone

Concen: 94.276 ug/l

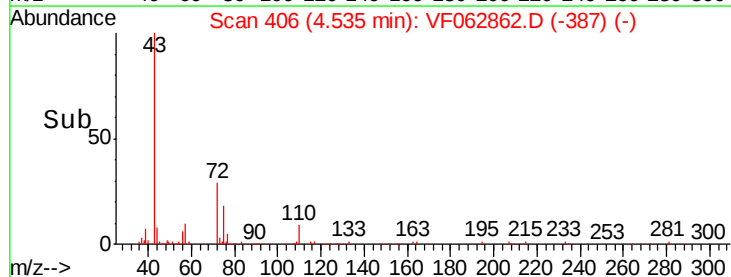
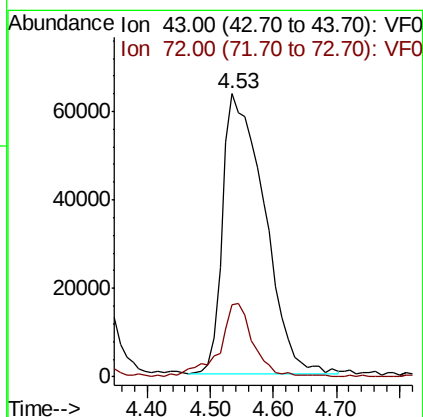
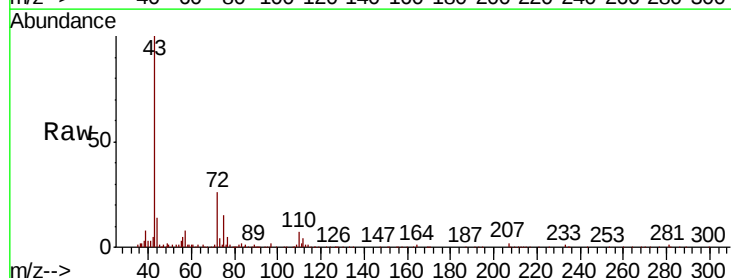
RT: 4.53 min Scan# 406

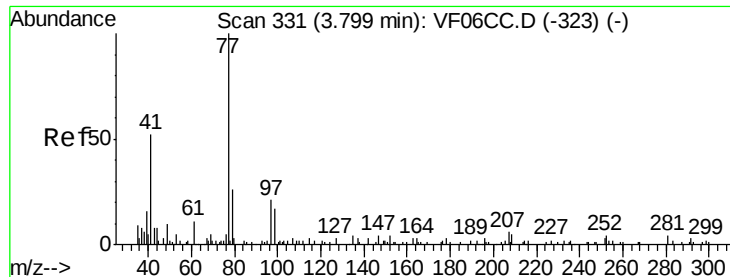
Delta R.T. -0.02 min

Lab File: VF062862.D

Acq: 5 Jun 2019 13:47

Tgt Ion:	43	Resp:	290938
Ion	Ratio	Lower	Upper
43	100		
72	25.6	21.4	32.0





#26

2,2-Dichloropropane

Concen: 23.724 ug/l

RT: 3.80 min Scan# 331

Delta R.T. -0.01 min

Lab File: VF062862.D

Acq: 5 Jun 2019 13:47

Instrument :

MSVOA_F

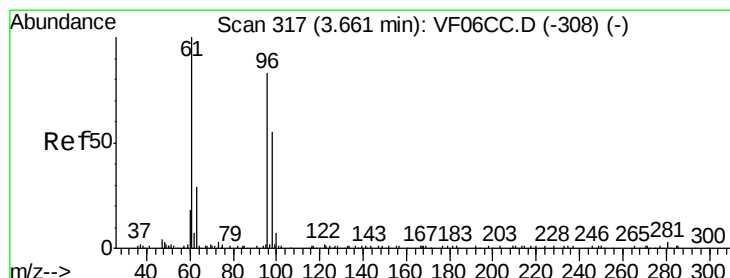
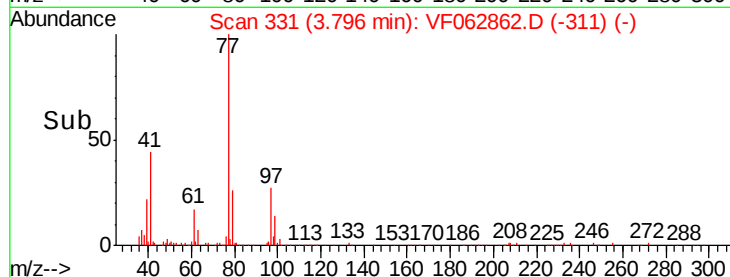
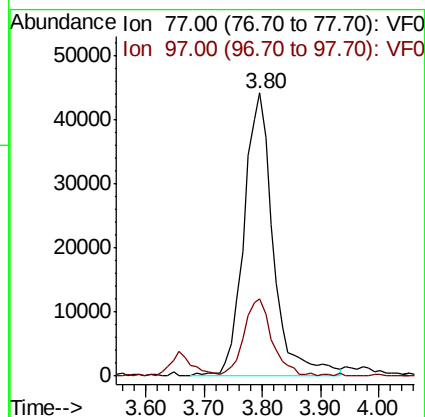
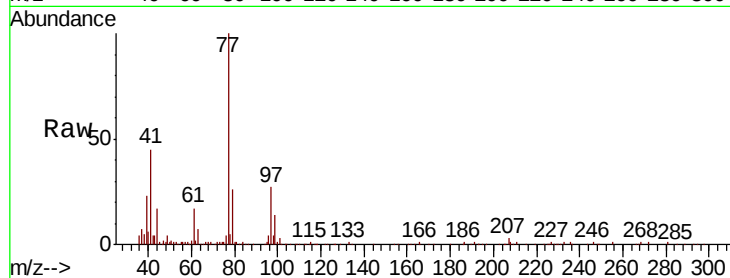
ClientSampleId :

Tot Ion: 77 Resp: 154241

Ion Ratio Lower Upper

77 100

97 27.2 12.4 37.4



#27

cis-1,2-Dichloroethene

Concen: 21.175 ug/l

RT: 3.67 min Scan# 318

Delta R.T. -0.01 min

Lab File: VF062862.D

Acq: 5 Jun 2019 13:47

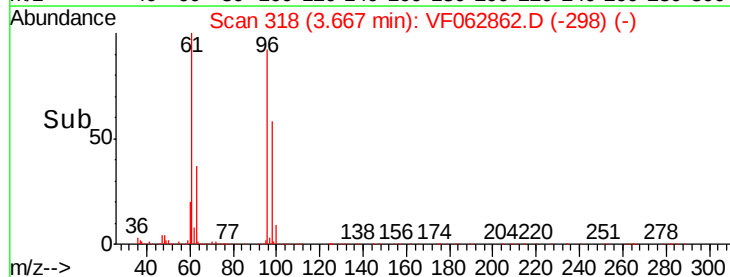
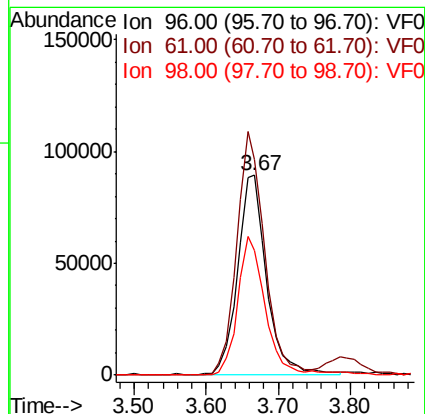
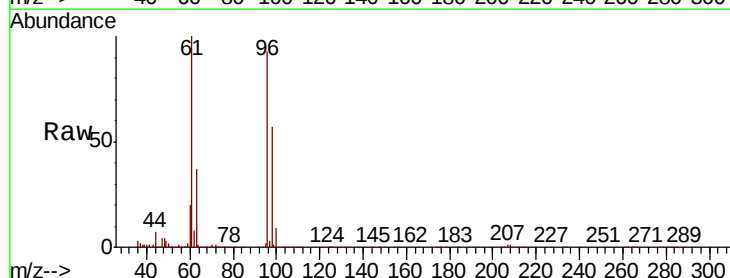
Tgt Ion: 96 Resp: 248310

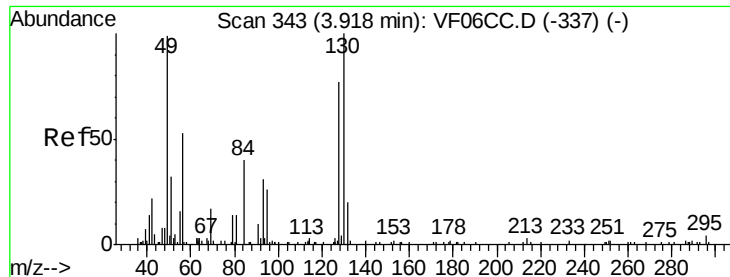
Ion Ratio Lower Upper

96 100

61 108.0 0.0 213.8

98 62.0 0.0 127.0





#28

Bromochloromethane

Concen: 19.777 ug/l

RT: 3.92 min Scan# 344

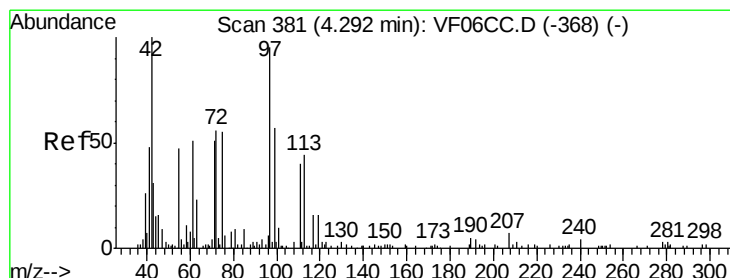
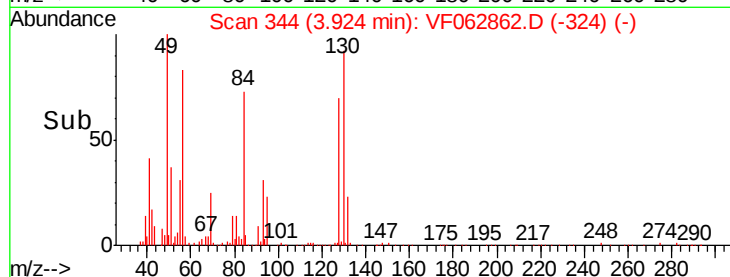
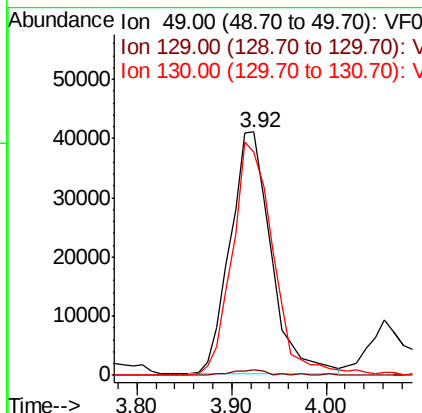
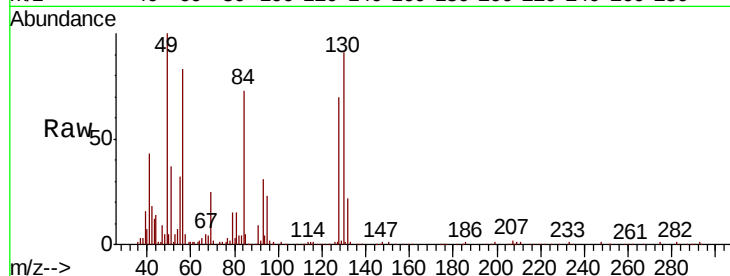
Delta R.T. -0.01 min

Lab File: VF062862.D

Acq: 5 Jun 2019 13:47

Instrument :
MSVOA_F
ClientSampled :

Tot Ion:	49	Resp:	123183
Ion	Ratio	Lower	Upper
49	100		
129	2.1	0.0	5.4
130	91.4	79.2	118.8



#29

Tetrahydrofuran

Concen: 105.371 ug/l

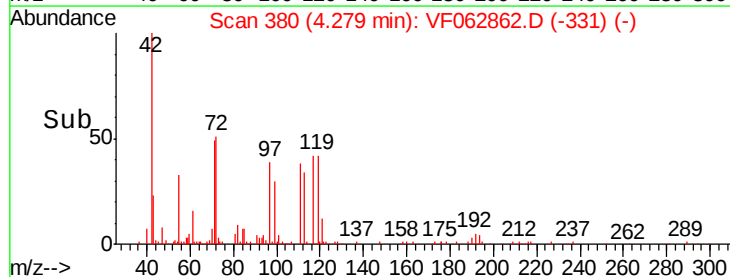
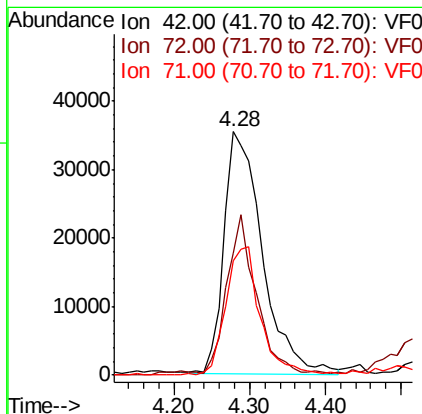
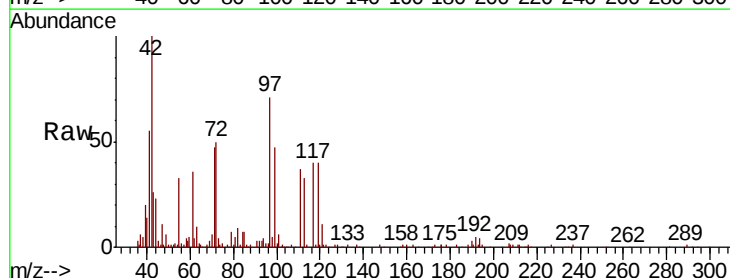
RT: 4.28 min Scan# 380

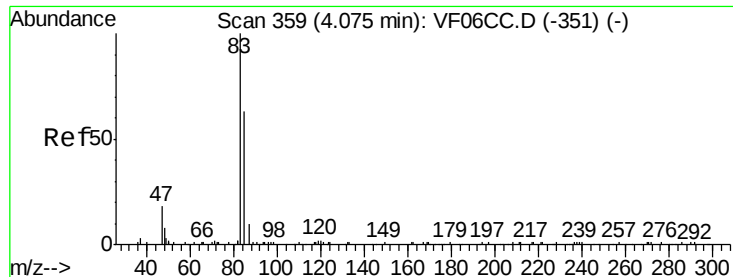
Delta R.T. -0.02 min

Lab File: VF062862.D

Acq: 5 Jun 2019 13:47

Tgt Ion:	42	Resp:	124371
Ion	Ratio	Lower	Upper
42	100		
72	50.3	39.0	58.6
71	47.4	36.9	55.3

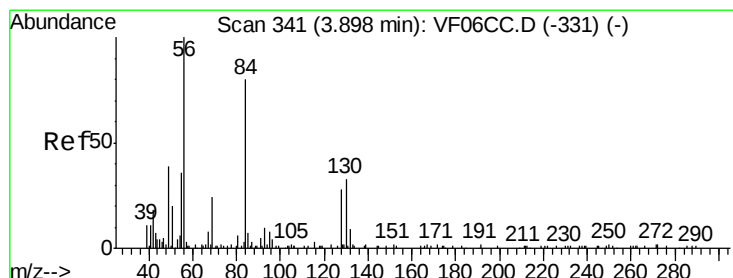
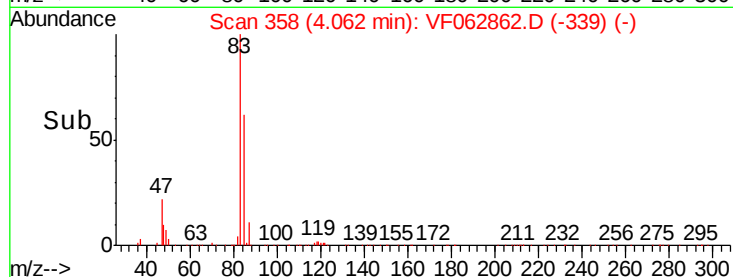
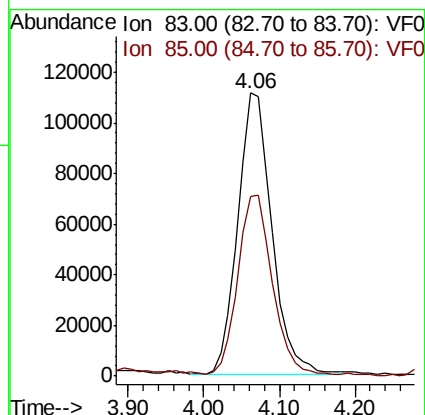
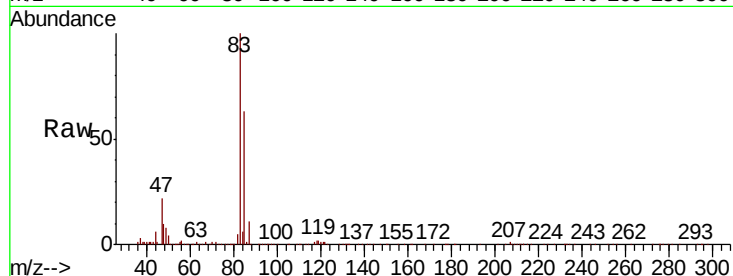




#30
Chloroform
Concen: 21.666 ug/l
RT: 4.06 min Scan# 358
Delta R.T. -0.02 min
Lab File: VF062862.D
Acq: 5 Jun 2019 13:47

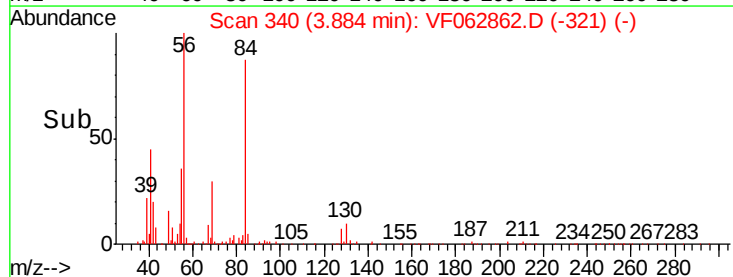
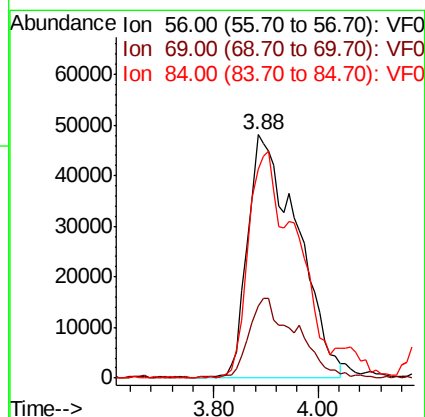
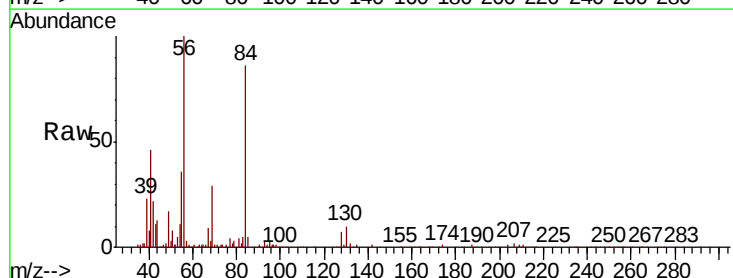
Instrument :
MSVOA_F
ClientSampleId :

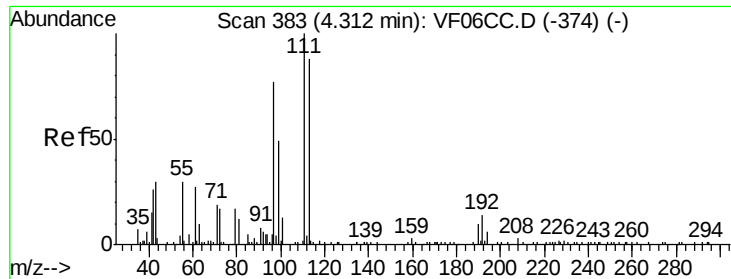
Tot Ion: 83 Resp: 349635
Ion Ratio Lower Upper
83 100
85 63.5 55.0 82.6



#31
Cyclohexane
Concen: 20.175 ug/l
RT: 3.88 min Scan# 340
Delta R.T. -0.02 min
Lab File: VF062862.D
Acq: 5 Jun 2019 13:47

Tgt Ion: 56 Resp: 312761
Ion Ratio Lower Upper
56 100
69 29.5 26.7 40.1
84 86.0 74.3 111.5





#32

1,1,1-Trichloroethane

Concen: 23.624 ug/l

RT: 4.31 min Scan# 383

Delta R.T. -0.01 min

Lab File: VF062862.D

Acq: 5 Jun 2019 13:47

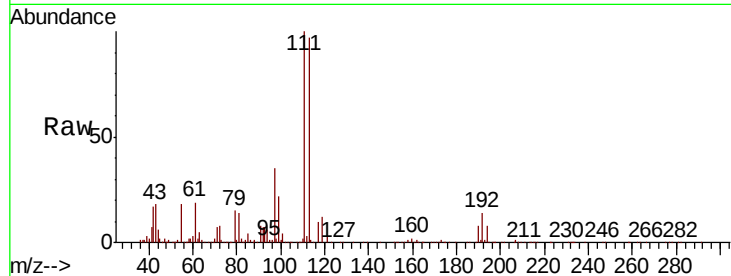
Instrument :

MSVOA_F

ClientSampleId :

Tot Ion: 97 Resp: 221965

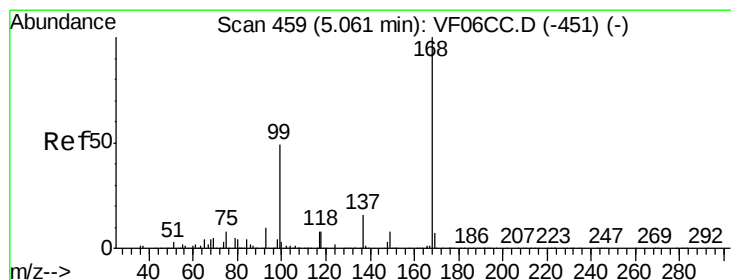
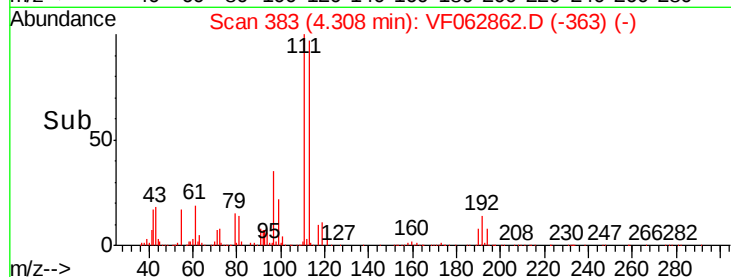
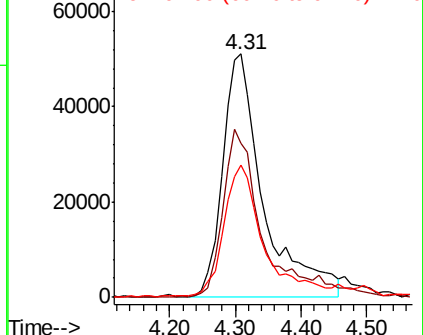
Ion	Ratio	Lower	Upper
97	100		
99	63.4	51.7	77.5
61	54.4	38.9	58.3



Abundance Ion 97.00 (96.70 to 97.70): VF0

Ion 99.00 (98.70 to 99.70): VF0

Ion 61.00 (60.70 to 61.70): VF0



#33

1,2-Dichloroethane-d4

Concen: 55.330 ug/l

RT: 5.05 min Scan# 458

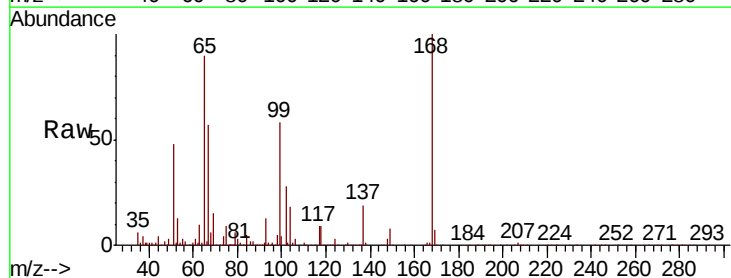
Delta R.T. -0.01 min

Lab File: VF062862.D

Acq: 5 Jun 2019 13:47

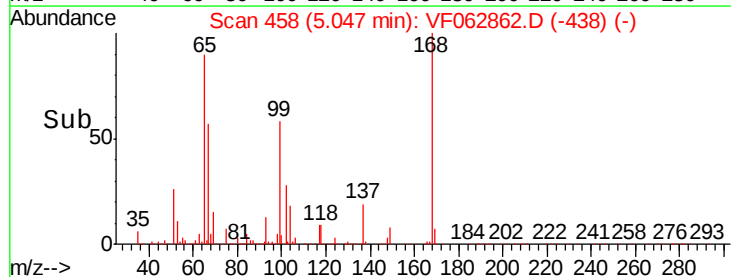
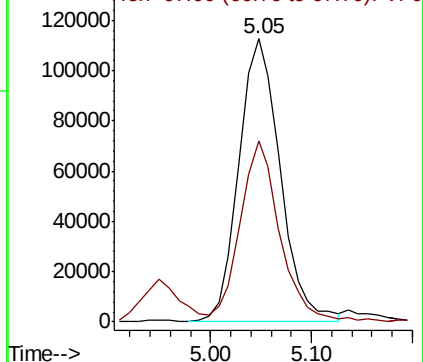
Tgt Ion: 65 Resp: 320354

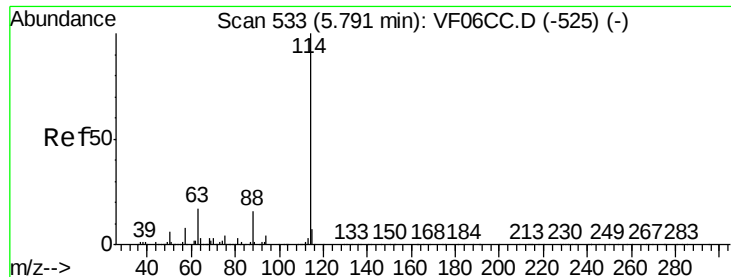
Ion	Ratio	Lower	Upper
65	100		
67	63.8	0.0	121.2



Abundance Ion 65.00 (64.70 to 65.70): VF0

Ion 67.00 (66.70 to 67.70): VF0



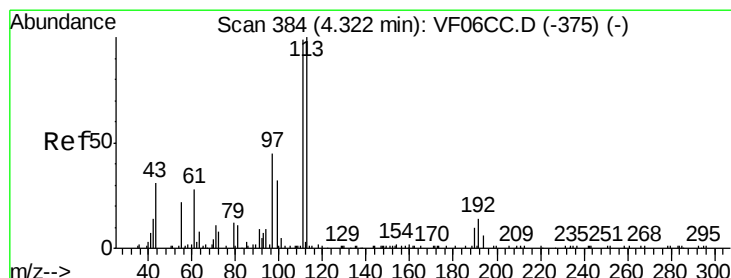
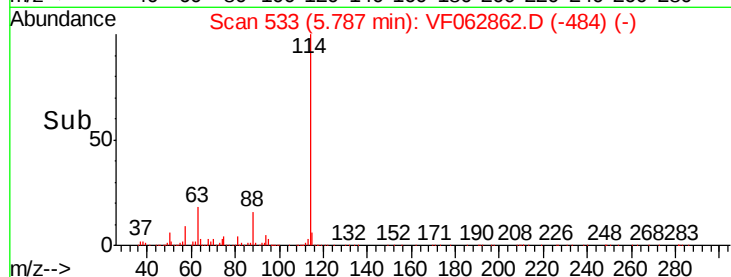
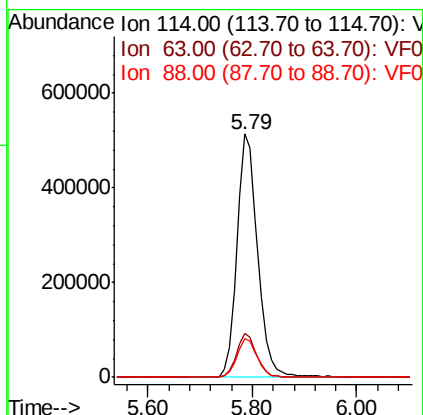
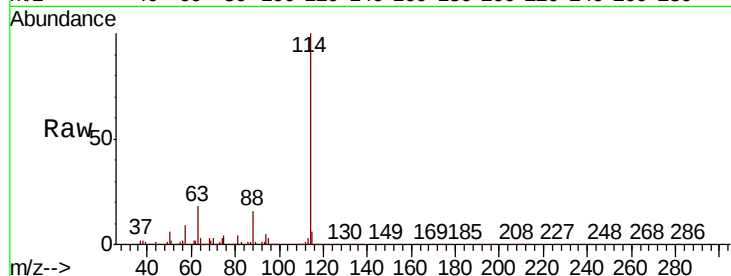


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 5.79 min Scan# 533
Delta R.T. -0.02 min
Lab File: VF062862.D
Acq: 5 Jun 2019 13:47

Instrument :
MSVOA_F
ClientSampleId :

Tot Ion:114 Resp: 1377922

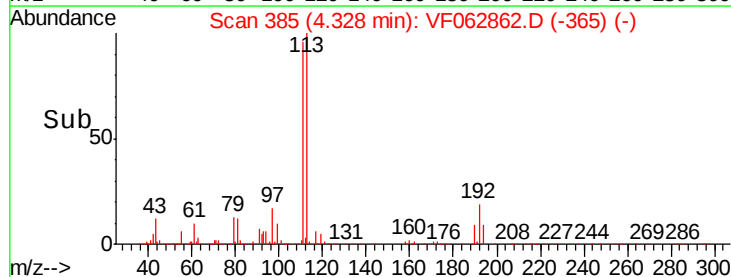
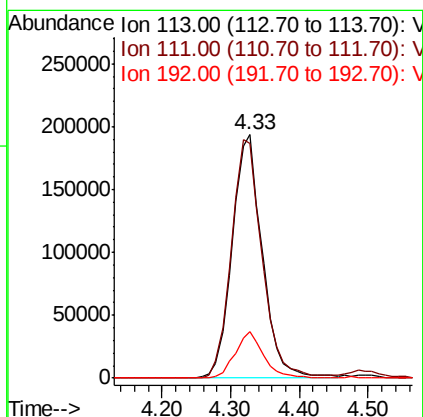
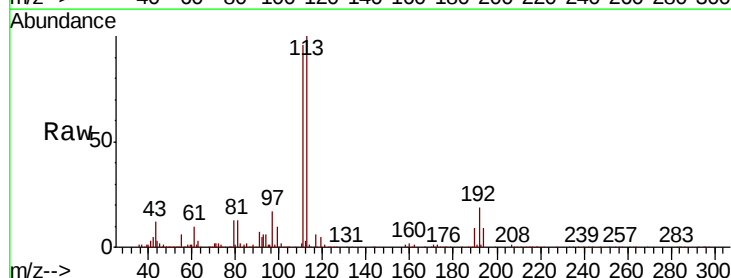
Ion	Ratio	Lower	Upper
114	100		
63	18.0	0.0	34.2
88	16.2	0.0	31.2

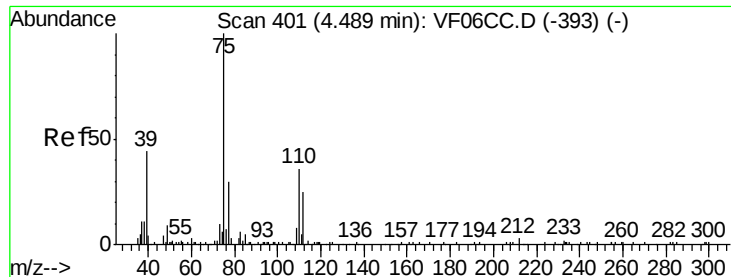


#35
Dibromofluoromethane
Concen: 56.351 ug/l
RT: 4.33 min Scan# 385
Delta R.T. -0.01 min
Lab File: VF062862.D
Acq: 5 Jun 2019 13:47

Tgt Ion:113 Resp: 586748

Ion	Ratio	Lower	Upper
113	100		
111	96.5	81.9	122.9
192	18.9	15.1	22.7

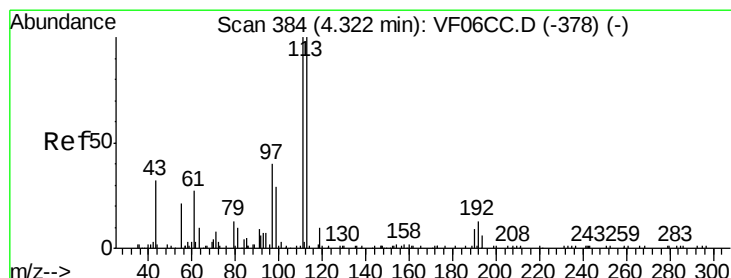
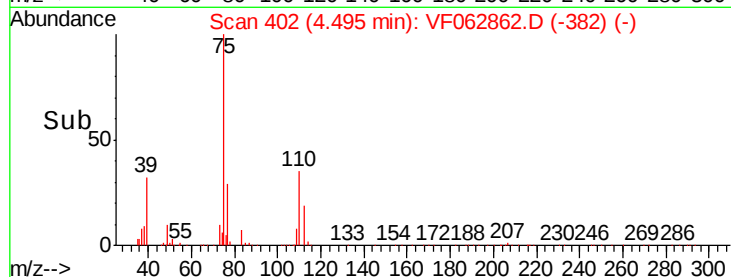
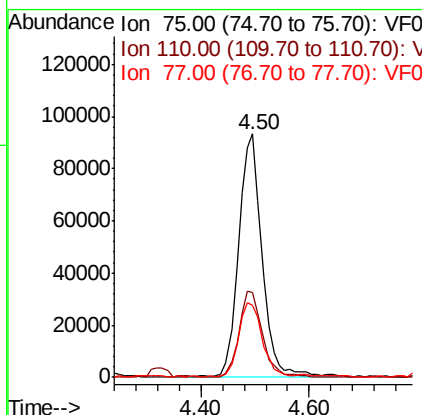
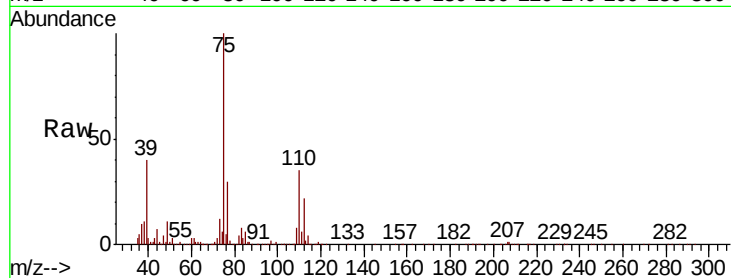




#36
 1,1-Dichloropropene
 Concen: 22.166 ug/l
 RT: 4.50 min Scan# 402
 Delta R.T. -0.01 min
 Lab File: VF062862.D
 Acq: 5 Jun 2019 13:47

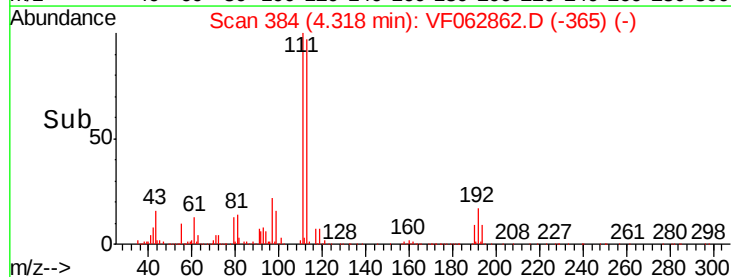
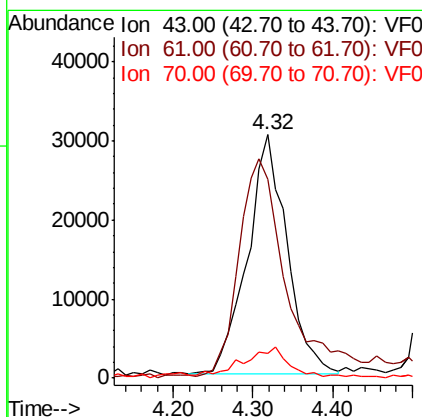
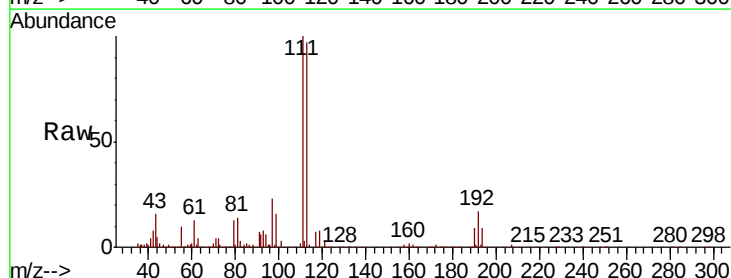
Instrument :
 MSVOA_F
 ClientSampleId :

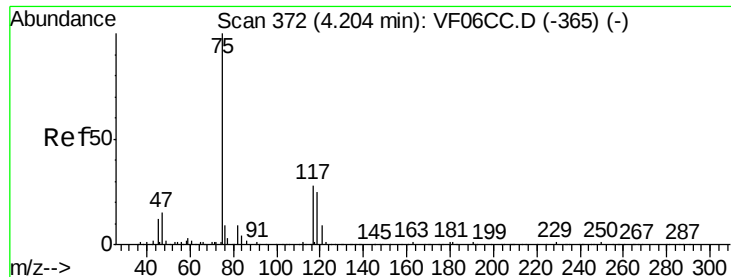
Tot Ion	Ratio	Lower	Upper
75	100		
110	35.0	19.4	58.1
77	29.6	25.4	38.2



#37
 Ethyl Acetate
 Concen: 21.402 ug/l
 RT: 4.32 min Scan# 384
 Delta R.T. -0.02 min
 Lab File: VF062862.D
 Acq: 5 Jun 2019 13:47

Tgt Ion	Ratio	Lower	Upper
43	100		
61	81.6	59.1	88.7
70	10.3	10.1	15.1





#38

Carbon Tetrachloride

Concen: 21.989 ug/l

RT: 4.20 min Scan# 372

Delta R.T. -0.01 min

Lab File: VF062862.D

Acq: 5 Jun 2019 13:47

Instrument :

MSVOA_F

ClientSampleId :

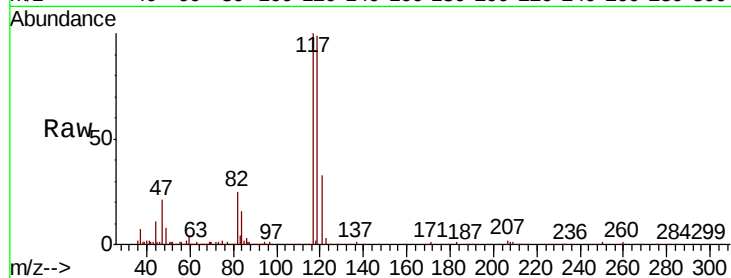
Tot Ion:117 Resp: 188509

Ion Ratio Lower Upper

117 100

119 99.3 78.2 117.2

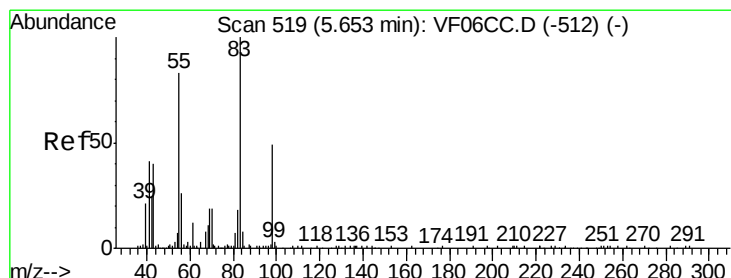
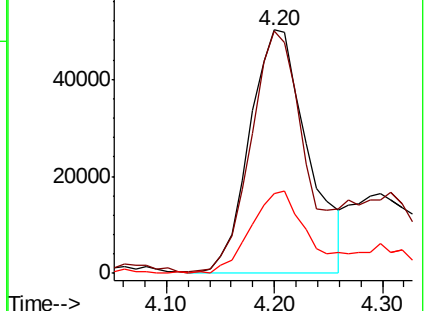
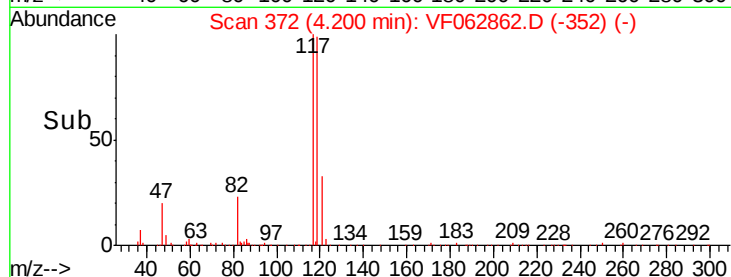
121 32.8 28.2 42.2



Abundance Ion 117.00 (116.70 to 117.70): V

Ion 119.00 (118.70 to 119.70): V

Ion 121.00 (120.70 to 121.70): V



#39

Methylcyclohexane

Concen: 21.305 ug/l

RT: 5.65 min Scan# 519

Delta R.T. -0.01 min

Lab File: VF062862.D

Acq: 5 Jun 2019 13:47

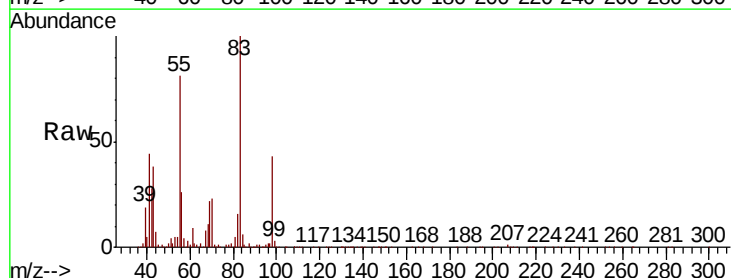
Tgt Ion: 83 Resp: 336363

Ion Ratio Lower Upper

83 100

55 80.9 61.6 92.4

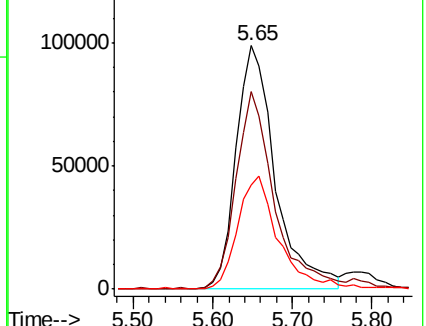
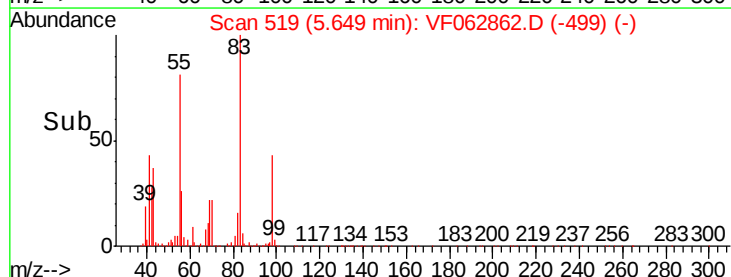
98 42.9 37.4 56.2

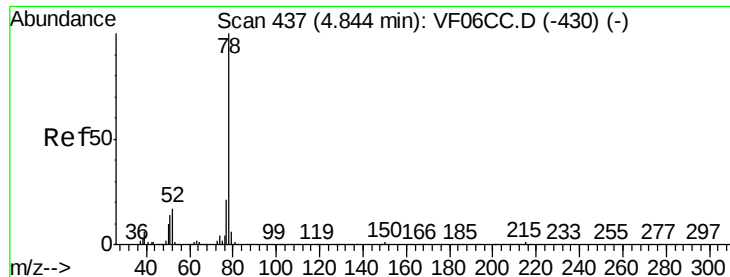


Abundance Ion 83.00 (82.70 to 83.70): VF0

Ion 55.00 (54.70 to 55.70): VF0

Ion 98.00 (97.70 to 98.70): VF0





#40

Benzene

Concen: 21.864 ug/l

RT: 4.84 min Scan# 437

Delta R.T. -0.01 min

Lab File: VF062862.D

Acq: 5 Jun 2019 13:47

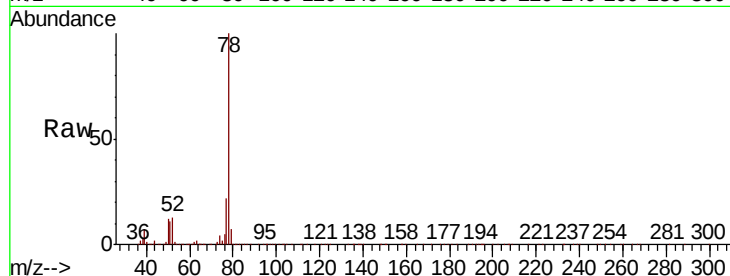
Instrument :
MSVOA_F
ClientSampleId :

Tot Ion: 78 Resp: 807194

Ion Ratio Lower Upper

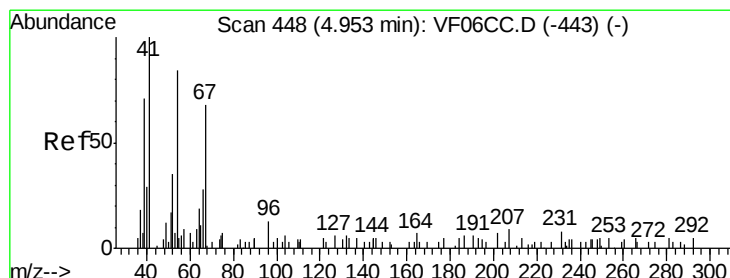
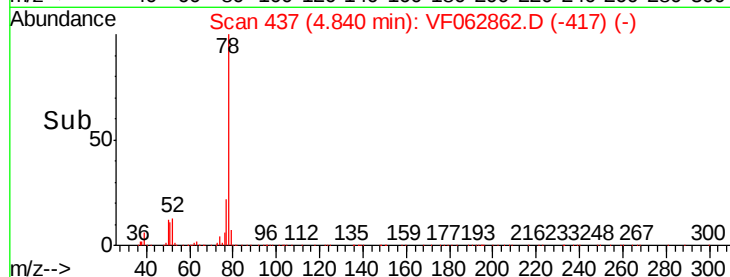
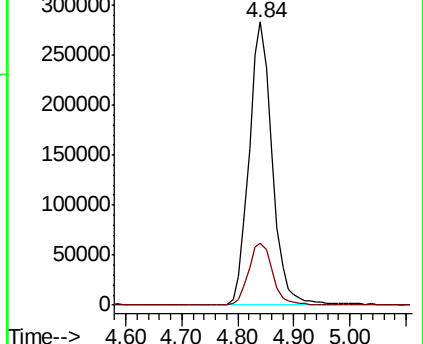
78 100

77 22.0 18.9 28.3



Abundance Ion 78.10 (77.80 to 78.80): VF0

Ion 77.00 (76.70 to 77.70): VF0



#41

Methacrylonitrile

Concen: 20.813 ug/l

RT: 4.95 min Scan# 448

Delta R.T. -0.01 min

Lab File: VF062862.D

Acq: 5 Jun 2019 13:47

Tgt Ion: 41 Resp: 56106

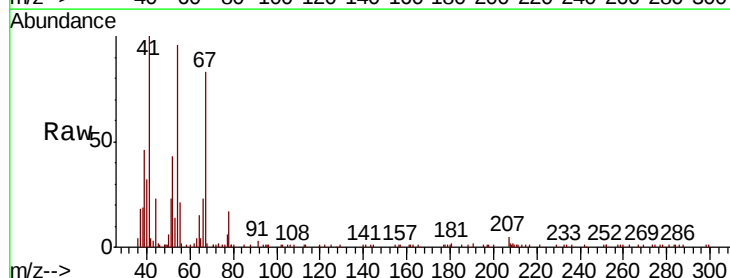
Ion Ratio Lower Upper

41 100

39 46.3 42.0 63.0

67 82.9 61.4 92.0

52 43.0 42.1 63.1

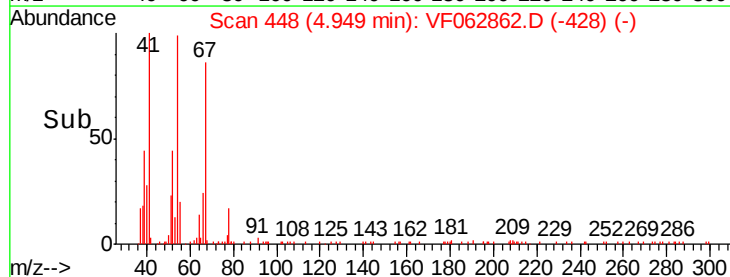
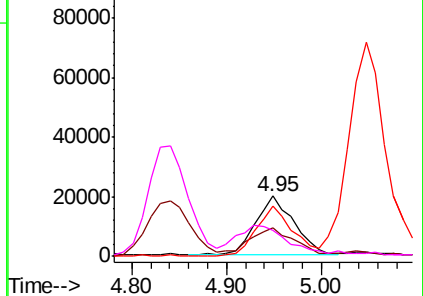


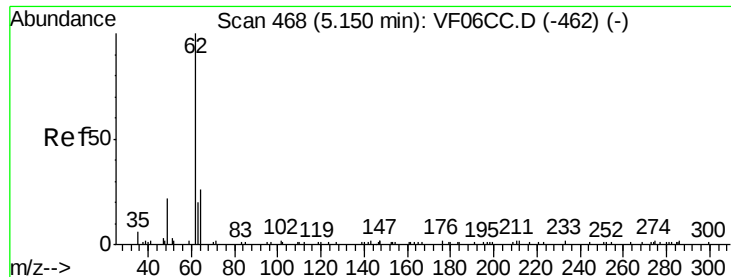
Abundance Ion 41.00 (40.70 to 41.70): VF0

Ion 39.00 (38.70 to 39.70): VF0

Ion 67.00 (66.70 to 67.70): VF0

Ion 52.00 (51.70 to 52.70): VF0





#42

1,2-Dichloroethane

Concen: 21.378 ug/l

RT: 5.15 min Scan# 468

Delta R.T. -0.01 min

Lab File: VF062862.D

Acq: 5 Jun 2019 13:47

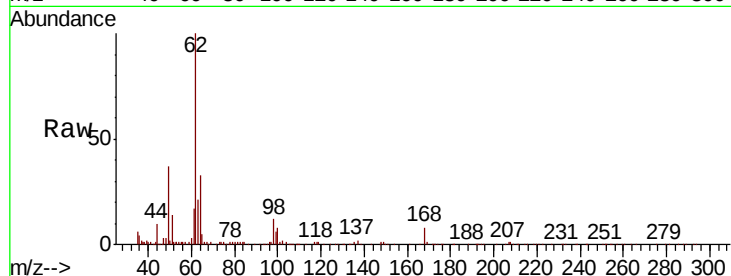
Instrument :
MSVOA_F
ClientSampleId :

Tot Ion: 62 Resp: 150109

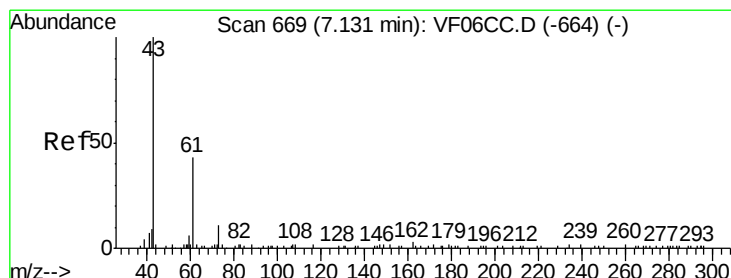
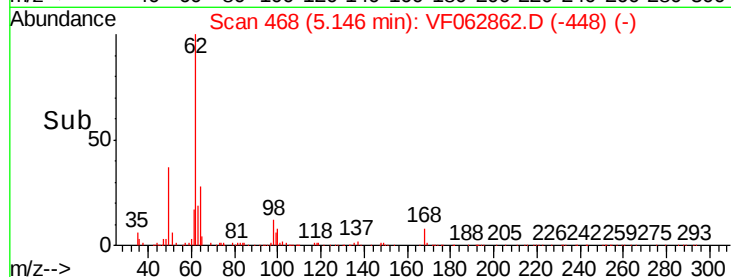
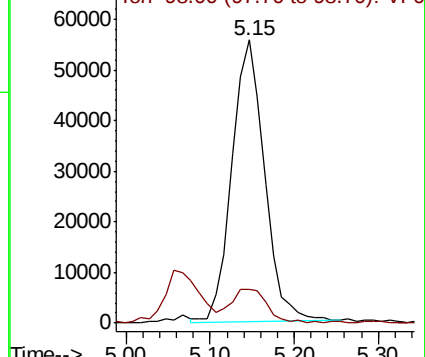
Ion Ratio Lower Upper

62 100

98 12.0 0.0 24.0



Abundance Ion 62.00 (61.70 to 62.70): VF0
Ion 98.00 (97.70 to 98.70): VF0



#43

Isopropyl Acetate

Concen: 20.206 ug/l

RT: 7.13 min Scan# 669

Delta R.T. -0.01 min

Lab File: VF062862.D

Acq: 5 Jun 2019 13:47

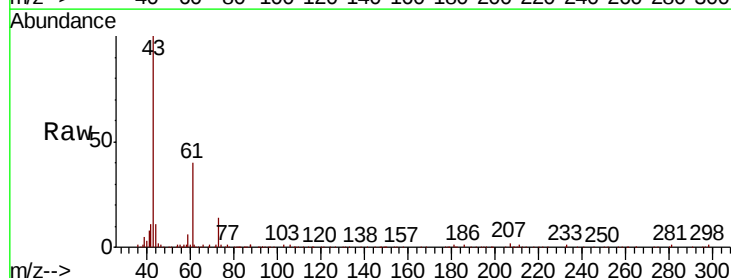
Tgt Ion: 43 Resp: 129430

Ion Ratio Lower Upper

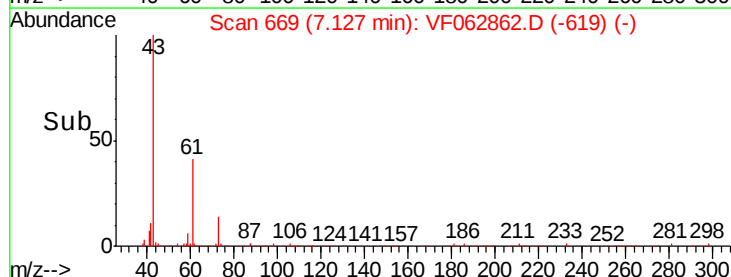
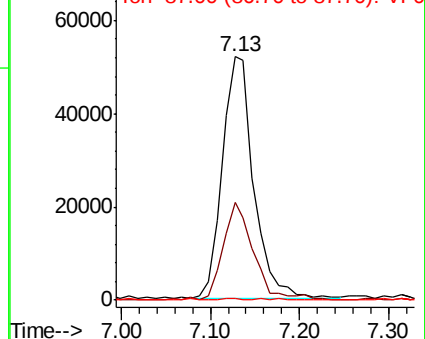
43 100

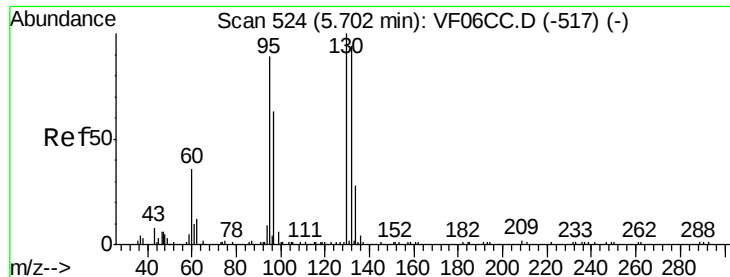
61 40.1 29.8 44.6

87 0.7 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: 22.293 ug/l

RT: 5.70 min Scan# 524

Delta R.T. -0.01 min

Lab File: VF062862.D

Acq: 5 Jun 2019 13:47

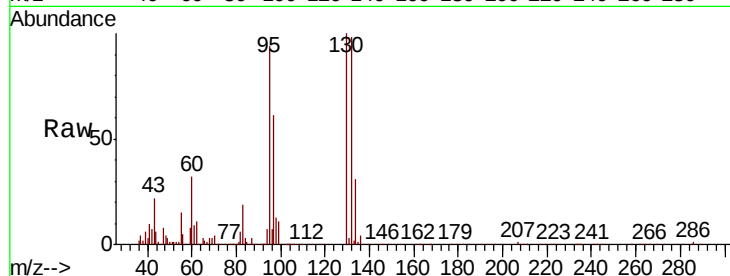
Instrument :
MSVOA_F
ClientSampleId :

Tot Ion:130 Resp: 232278

Ion Ratio Lower Upper

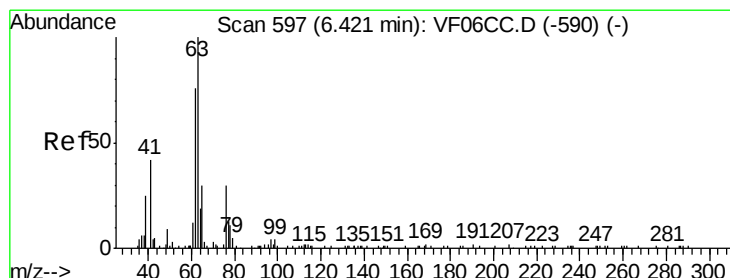
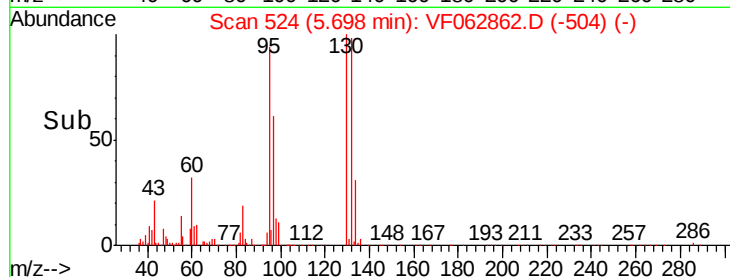
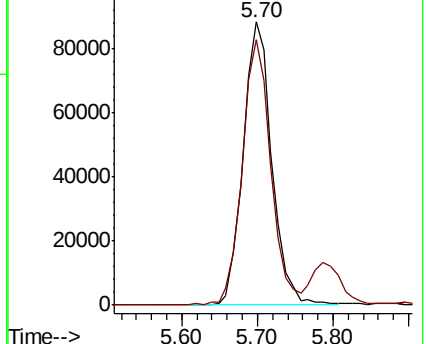
130 100

95 93.7 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: 21.428 ug/l

RT: 6.43 min Scan# 598

Delta R.T. -0.01 min

Lab File: VF062862.D

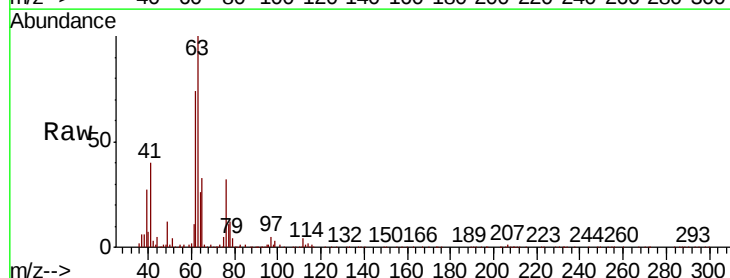
Acq: 5 Jun 2019 13:47

Tgt Ion: 63 Resp: 198519

Ion Ratio Lower Upper

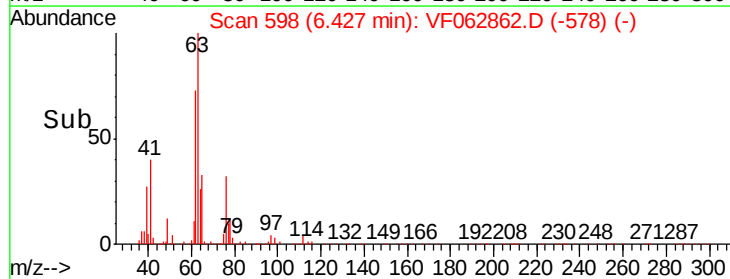
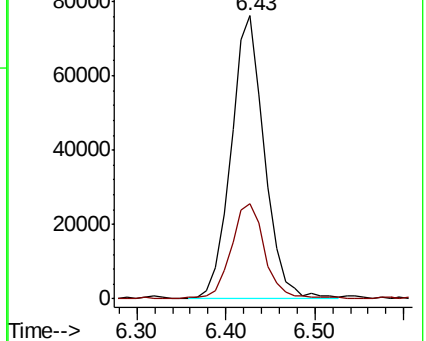
63 100

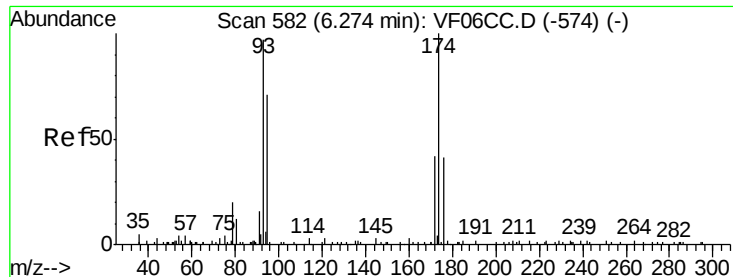
65 33.4 24.2 36.2



Abundance Ion 63.00 (62.70 to 63.70): VF0

Ion 65.00 (64.70 to 65.70): VF0

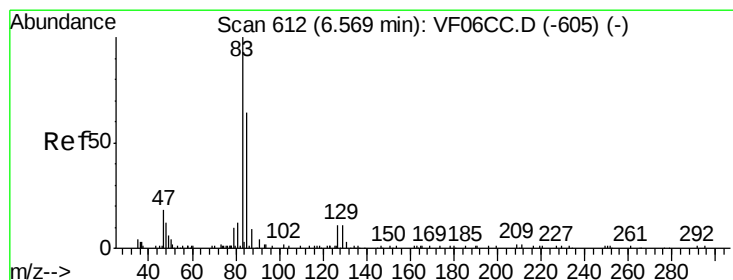
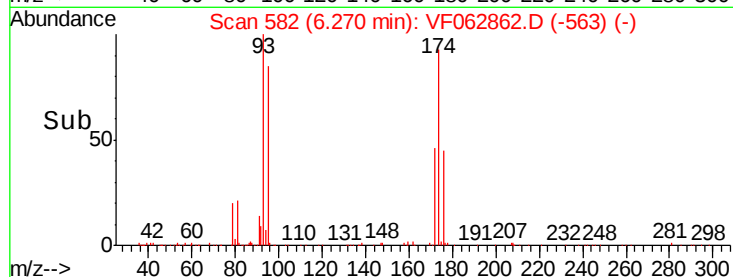
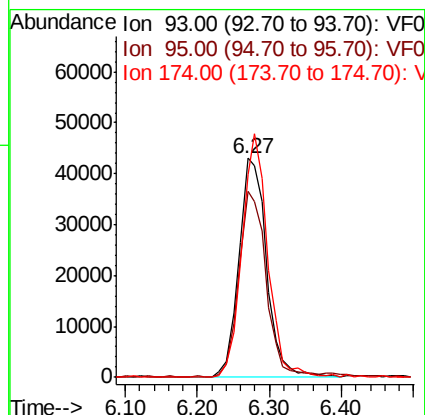
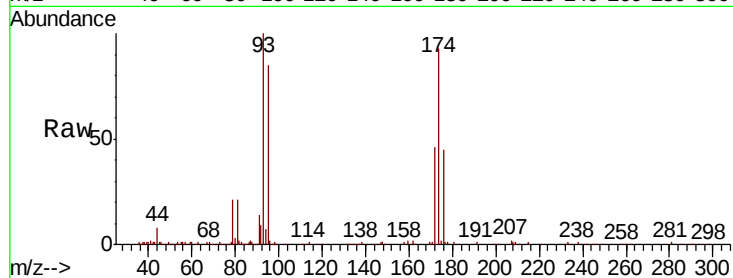




#46
Dibromomethane
Concen: 21.402 ug/l
RT: 6.27 min Scan# 582
Delta R.T. -0.02 min
Lab File: VF062862.D
Acq: 5 Jun 2019 13:47

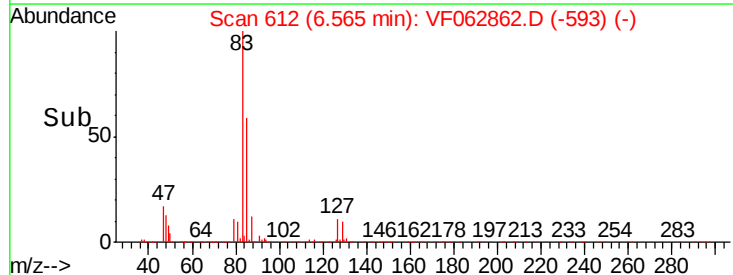
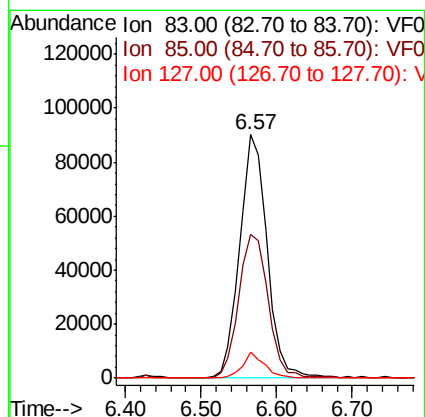
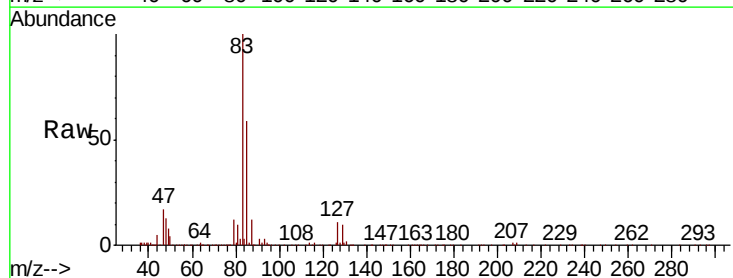
Instrument :
MSVOA_F
ClientSampleId :

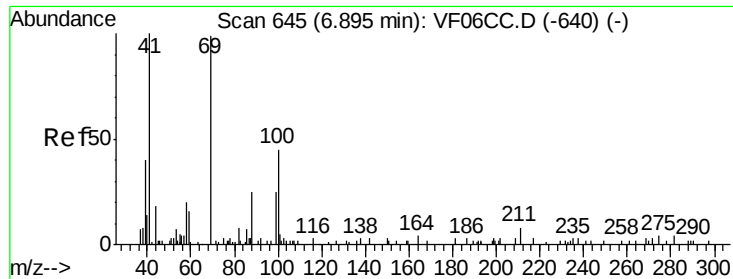
Tot Ion: 93 Resp: 115761
Ion Ratio Lower Upper
93 100
95 85.2 67.9 101.9
174 92.5 85.0 127.4



#47
Bromodichloromethane
Concen: 20.520 ug/l
RT: 6.57 min Scan# 612
Delta R.T. -0.02 min
Lab File: VF062862.D
Acq: 5 Jun 2019 13:47

Tgt Ion: 83 Resp: 226048
Ion Ratio Lower Upper
83 100
85 59.3 54.2 81.4
127 10.7 7.0 10.4#

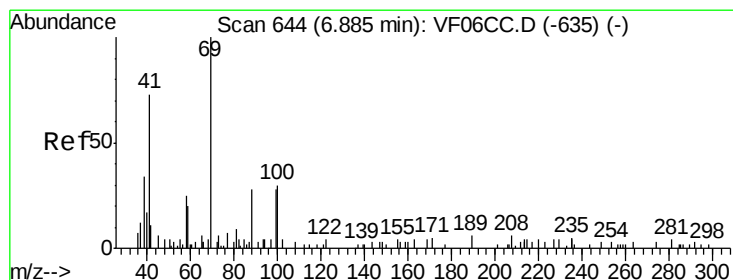
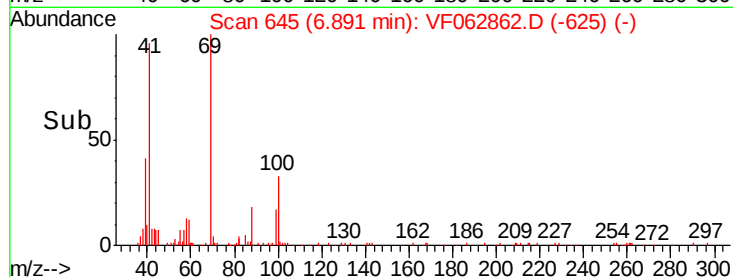
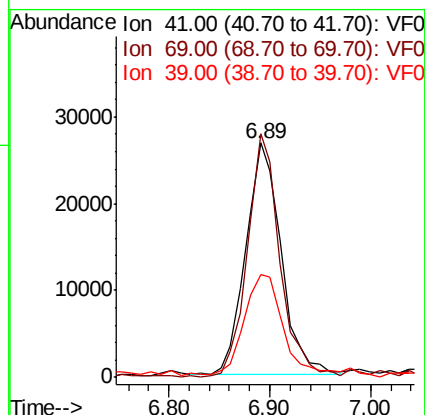
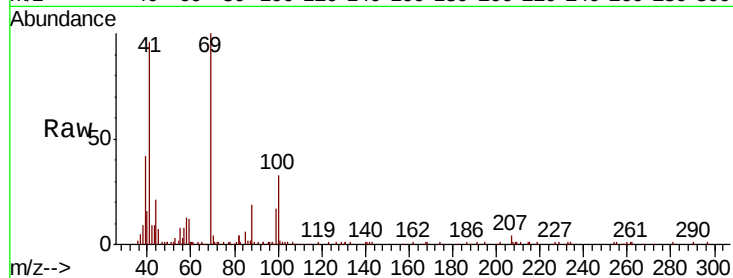




#48
Methvl methacrylate
Concen: 19.798 ug/l
RT: 6.89 min Scan# 645
Delta R.T. -0.01 min
Lab File: VF062862.D
Acq: 5 Jun 2019 13:47

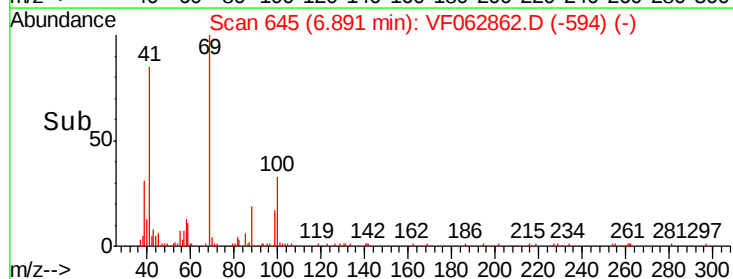
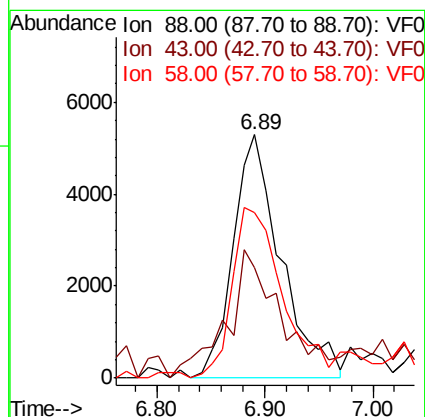
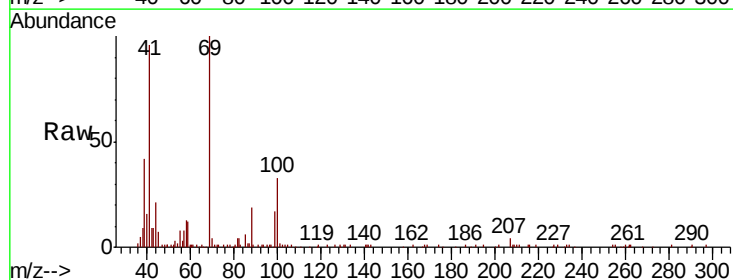
Instrument :
MSVOA_F
ClientSampleId :

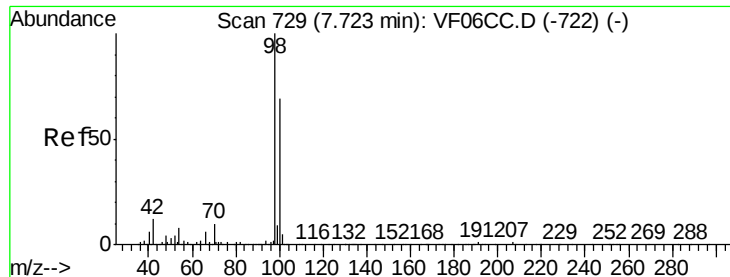
Tot Ion: 41 Resp: 65359
Ion Ratio Lower Upper
41 100
69 103.8 79.4 119.2
39 43.6 39.8 59.6



#49
1,4-Dioxane
Concen: 374.454 ug/l
RT: 6.89 min Scan# 645
Delta R.T. 0.00 min
Lab File: VF062862.D
Acq: 5 Jun 2019 13:47

Tgt Ion: 88 Resp: 16294
Ion Ratio Lower Upper
88 100
43 45.3 34.8 52.2
58 67.8 59.9 89.9





#50

Toluene-d8

Concen: 54.421 ug/l

RT: 7.73 min Scan# 730

Delta R.T. -0.01 min

Lab File: VF062862.D

Acq: 5 Jun 2019 13:47

Instrument :

MSVOA_F

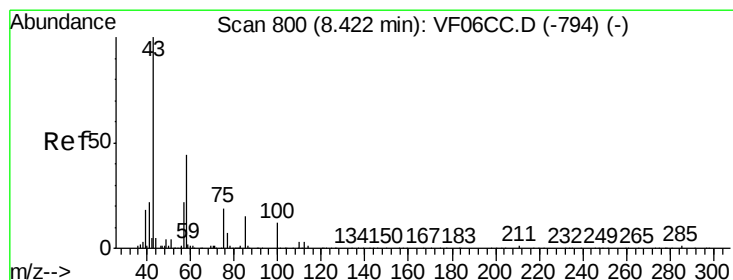
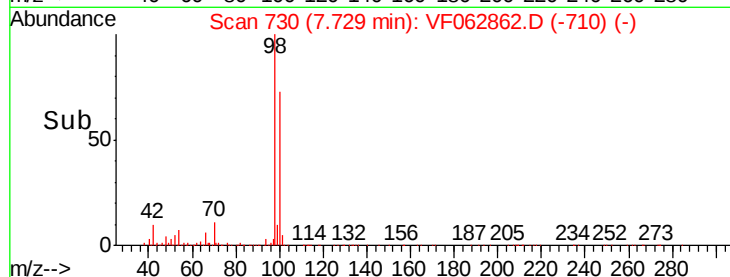
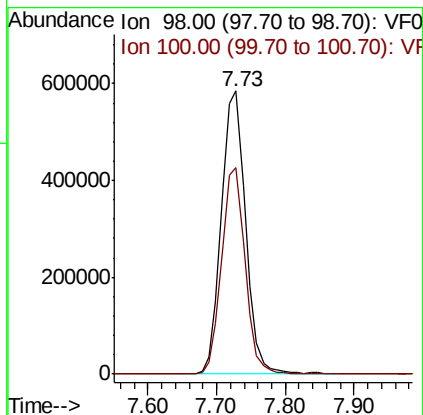
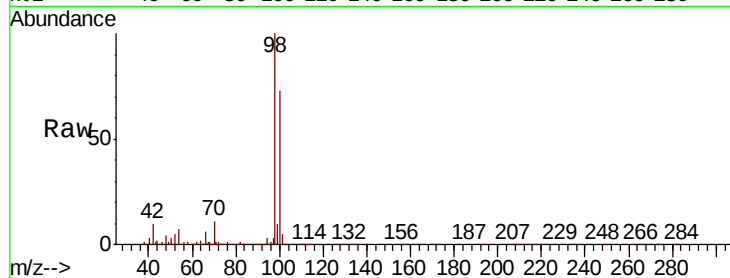
ClientSampleId :

Tot Ion: 98 Resp: 1432919

Ion Ratio Lower Upper

98 100

100 73.1 59.8 89.8



#51

4-Methyl-2-Pentanone

Concen: 112.798 ug/l

RT: 8.42 min Scan# 800

Delta R.T. -0.01 min

Lab File: VF062862.D

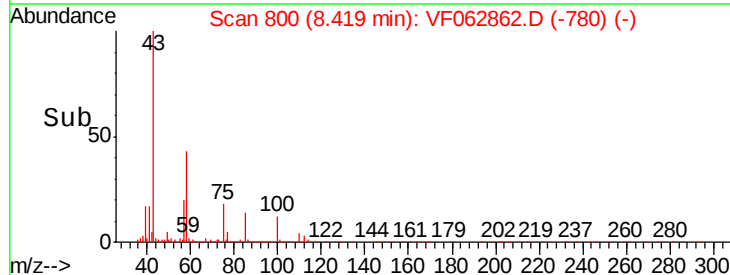
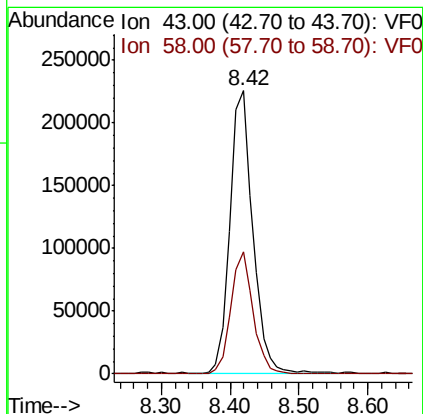
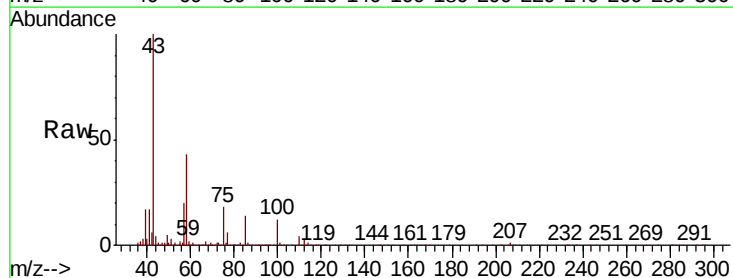
Acq: 5 Jun 2019 13:47

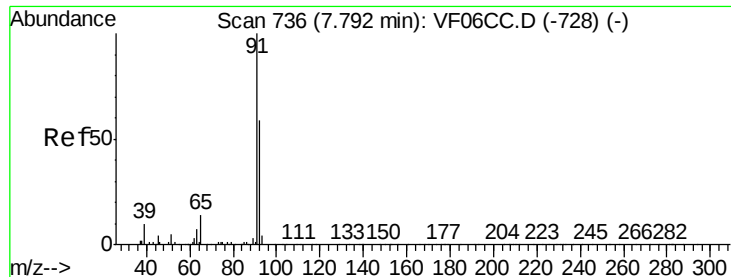
Tgt Ion: 43 Resp: 515854

Ion Ratio Lower Upper

43 100

58 43.1 35.5 53.3





#52

Toluene

Concen: 21.935 ug/l

RT: 7.80 min Scan# 737

Delta R.T. -0.01 min

Lab File: VF062862.D

Acq: 5 Jun 2019 13:47

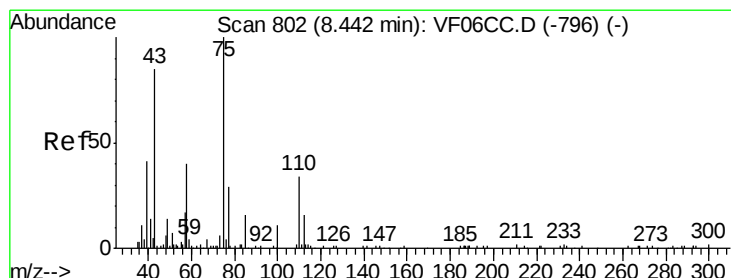
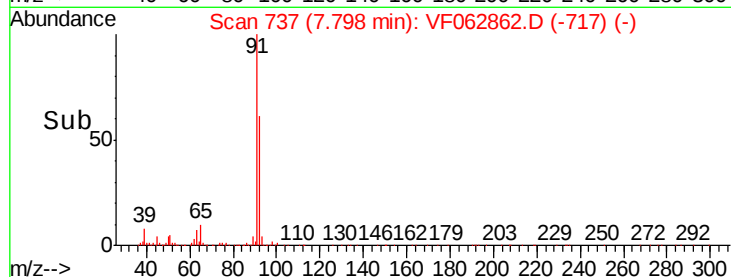
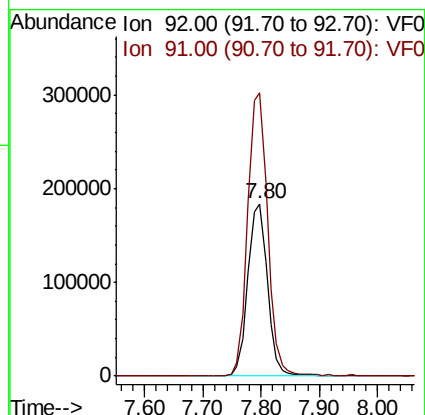
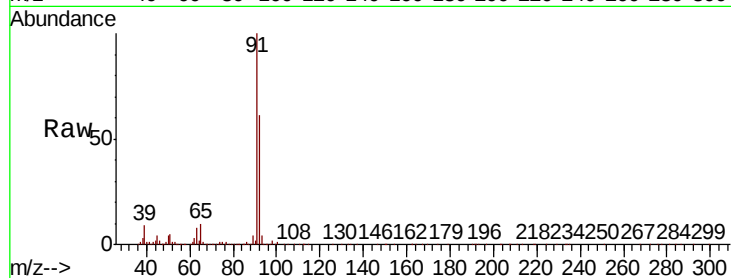
Instrument :
MSVOA_F
ClientSampled :

Tot Ion: 92 Resp: 436169

Ion Ratio Lower Upper

92 100

91 164.3 123.2 184.8



#53

t-1,3-Dichloropropene

Concen: 22.298 ug/l

RT: 8.44 min Scan# 802

Delta R.T. -0.01 min

Lab File: VF062862.D

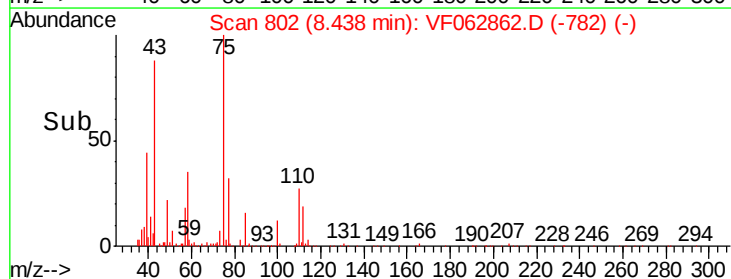
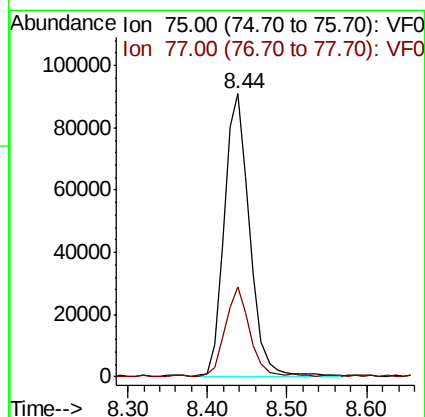
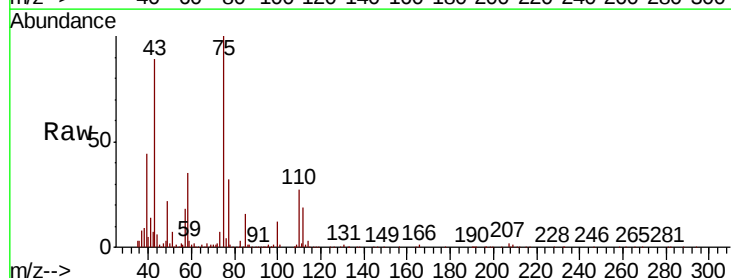
Acq: 5 Jun 2019 13:47

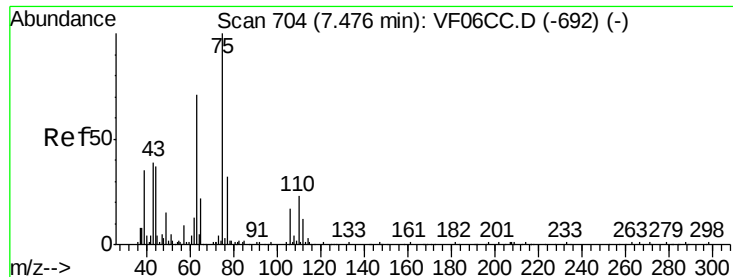
Tgt Ion: 75 Resp: 203539

Ion Ratio Lower Upper

75 100

77 31.9 25.7 38.5



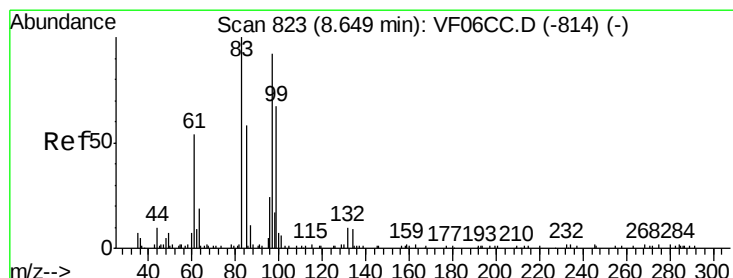
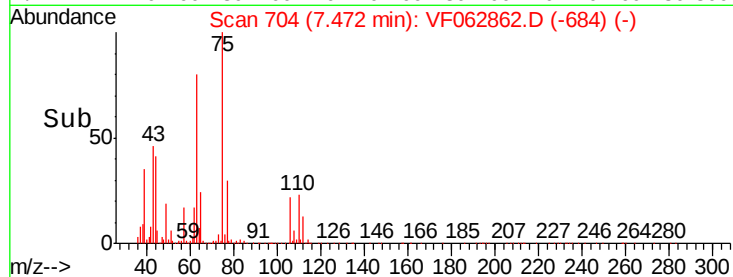
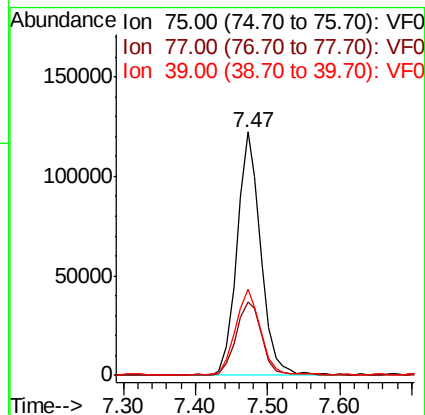
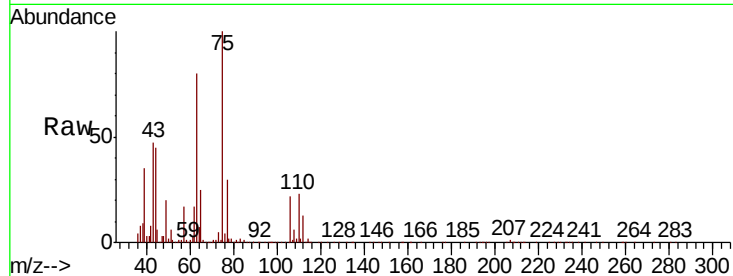


#54

cis-1,3-Dichloropropene
Concen: 21.288 ug/l
RT: 7.47 min Scan# 704
Delta R.T. -0.01 min
Lab File: VF062862.D
Acq: 5 Jun 2019 13:47

Instrument :
MSVOA_F
ClientSampleId :

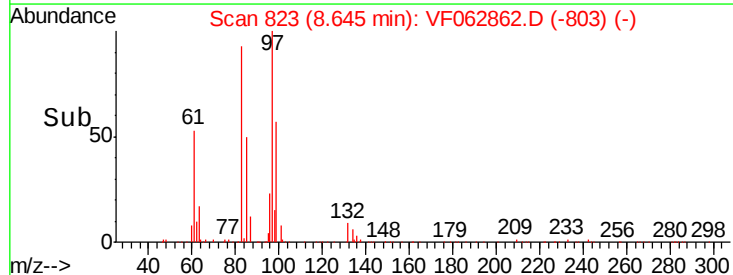
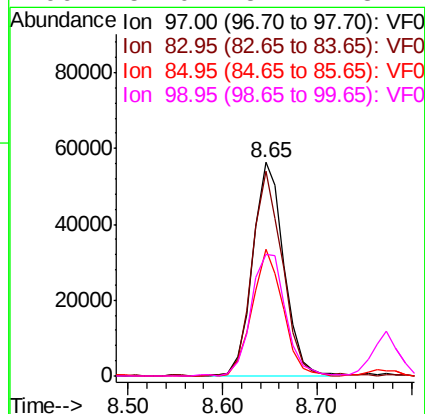
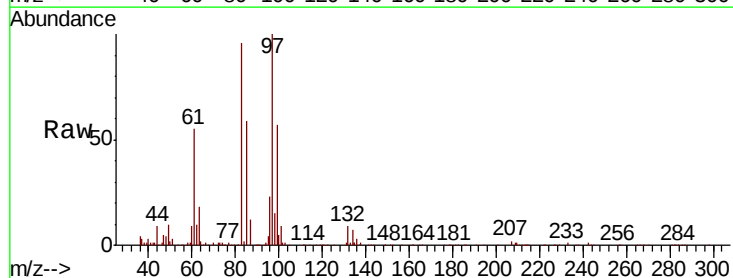
Tot Ion	Ratio	Lower	Upper
75	100		
77	30.1	25.8	38.8
39	35.2	28.4	42.6

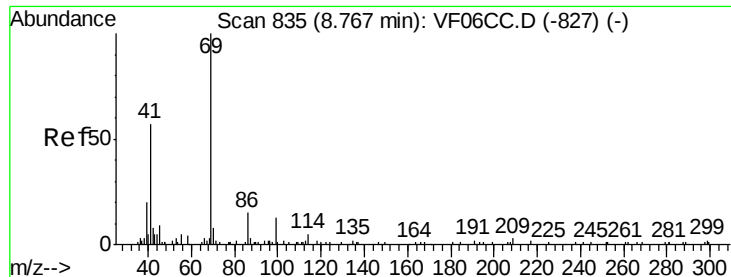


#55

1,1,2-Trichloroethane
Concen: 21.796 ug/l
RT: 8.65 min Scan# 823
Delta R.T. -0.01 min
Lab File: VF062862.D
Acq: 5 Jun 2019 13:47

Tgt Ion	Ratio	Lower	Upper
97	100		
83	95.7	72.0	108.0
85	59.3	47.5	71.3
99	57.0	54.1	81.1





#56

Ethyl methacrylate

Concen: 22.166 ug/l

RT: 8.77 min Scan# 836

Delta R.T. -0.01 min

Lab File: VF062862.D

Acq: 5 Jun 2019 13:47

Instrument :
MSVOA_F
ClientSampleId :

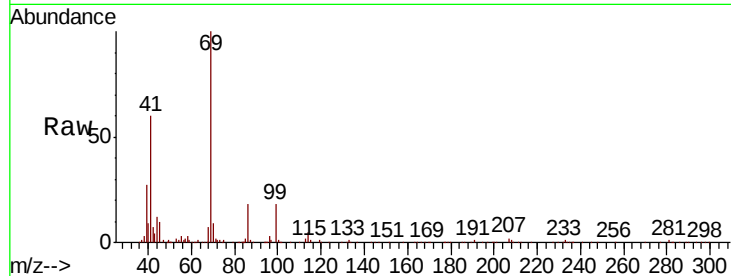
Tot Ion: 69 Resp: 141285

Ion Ratio Lower Upper

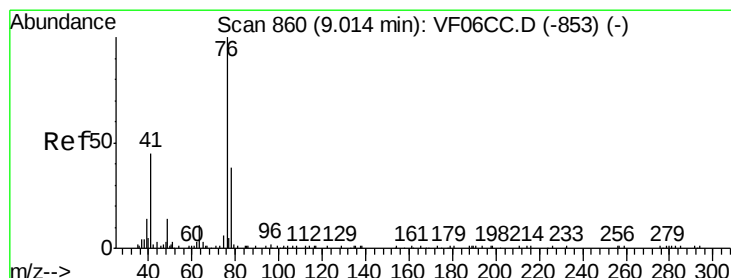
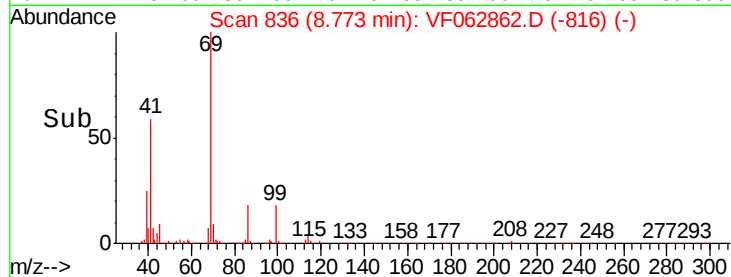
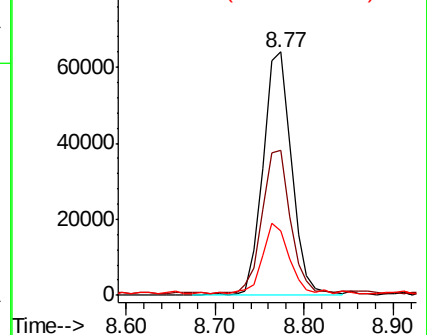
69 100

41 59.6 46.6 69.8

39 26.6 19.6 29.4



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



#57

1,3-Dichloropropane

Concen: 23.309 ug/l

RT: 9.01 min Scan# 860

Delta R.T. -0.01 min

Lab File: VF062862.D

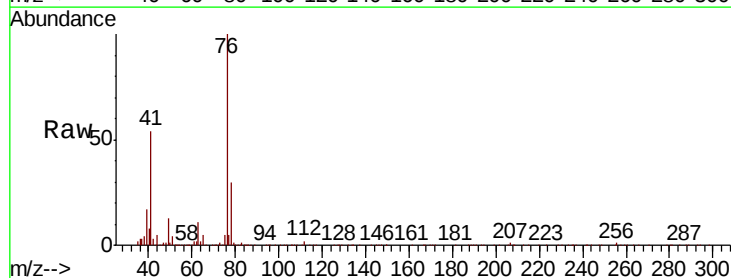
Acq: 5 Jun 2019 13:47

Tgt Ion: 76 Resp: 226120

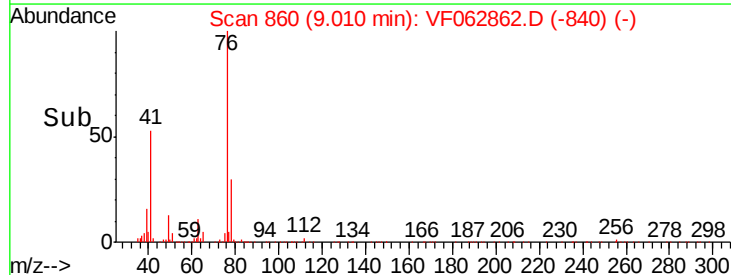
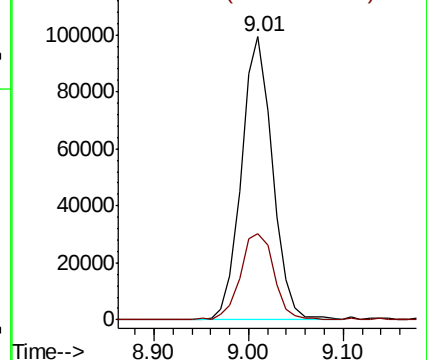
Ion Ratio Lower Upper

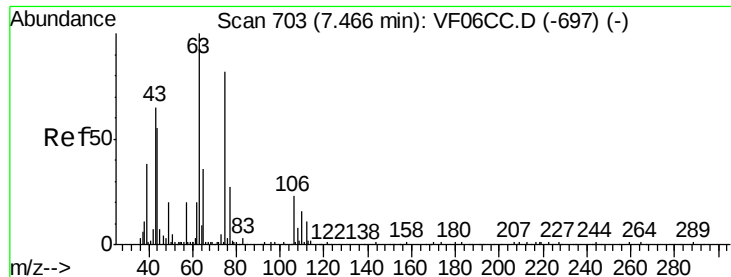
76 100

78 30.3 26.8 40.2



Abundance Ion 76.00 (75.70 to 76.70): VF0
Ion 78.00 (77.70 to 78.70): VF0

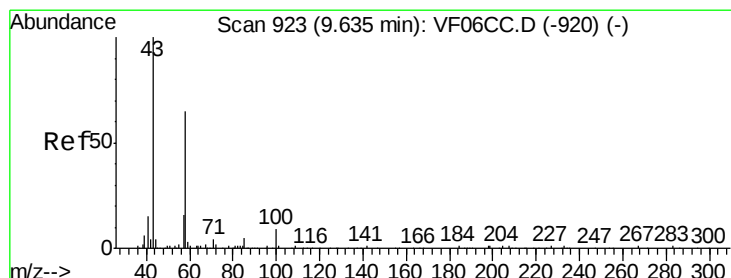
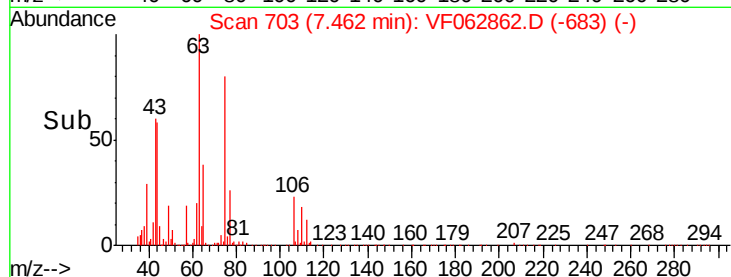
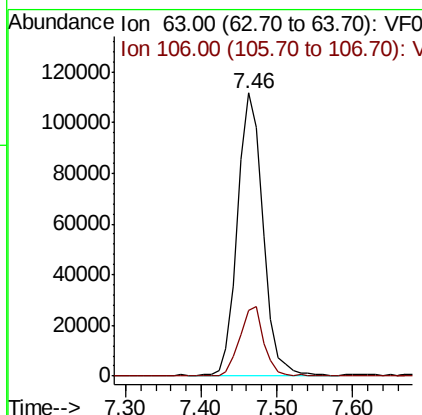
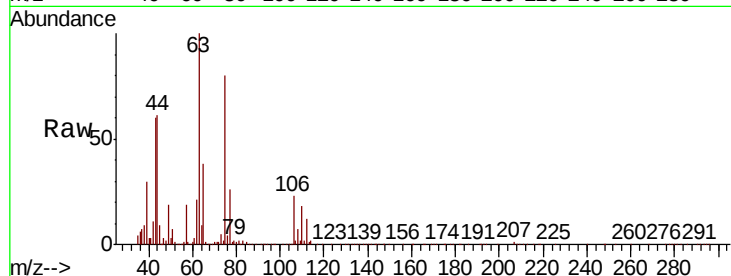




#58
2-Chloroethyl Vinyl ether
Concen: 115.270 ug/l
RT: 7.46 min Scan# 703
Delta R.T. -0.01 min
Lab File: VF062862.D
Acq: 5 Jun 2019 13:47

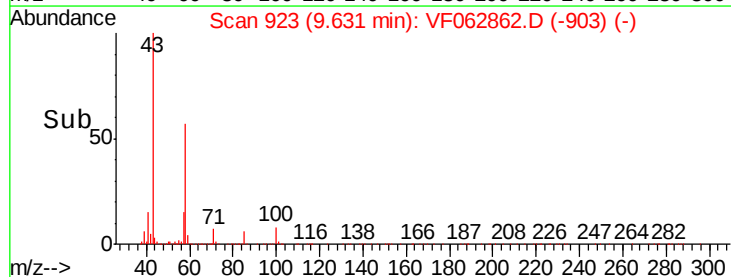
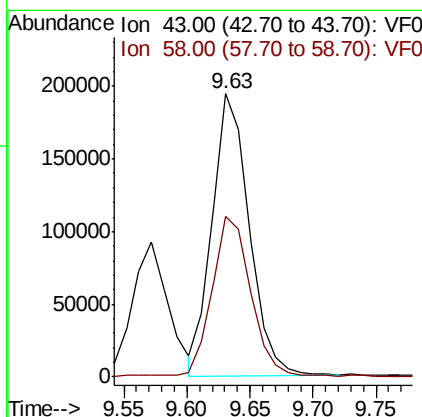
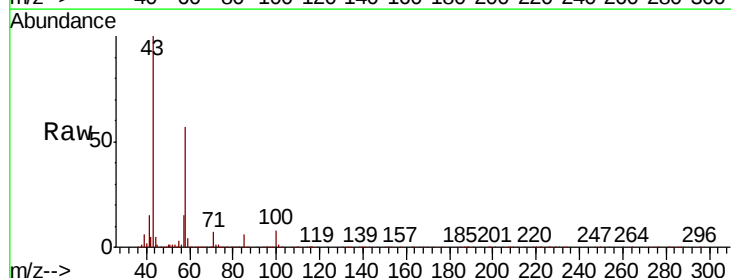
Instrument :
MSVOA_F
ClientSampled :

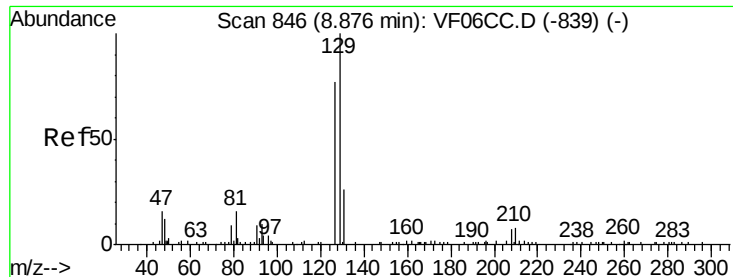
Tot Ion: 63 Resp: 256779
Ion Ratio Lower Upper
63 100
106 23.2 19.5 29.3



#59
2-Hexanone
Concen: 121.751 ug/l
RT: 9.63 min Scan# 923
Delta R.T. -0.01 min
Lab File: VF062862.D
Acq: 5 Jun 2019 13:47

Tgt Ion: 43 Resp: 396865
Ion Ratio Lower Upper
43 100
58 56.6 29.3 87.9





#60

Dibromochloromethane

Concen: 22.565 ug/l

RT: 8.87 min Scan# 846

Delta R.T. -0.01 min

Lab File: VF062862.D

Acq: 5 Jun 2019 13:47

Instrument :

MSVOA_F

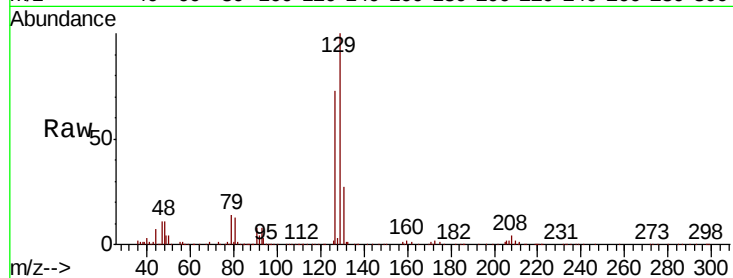
ClientSampleId :

Tot Ion:129 Resp: 165959

Ion Ratio Lower Upper

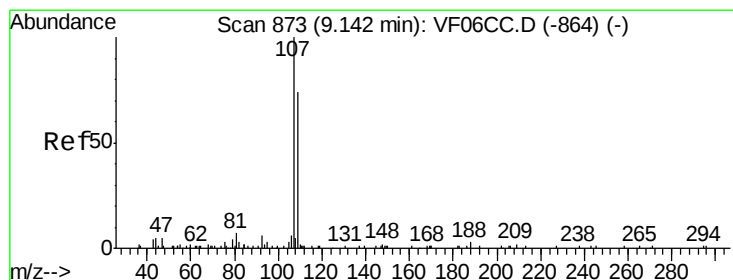
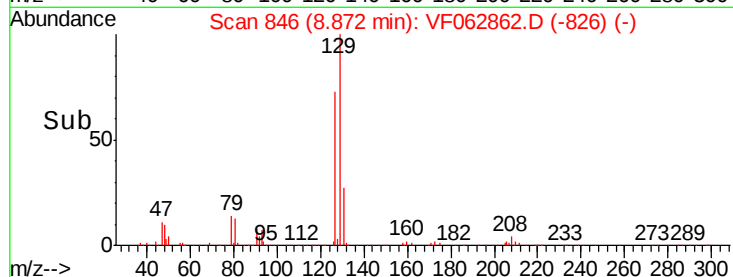
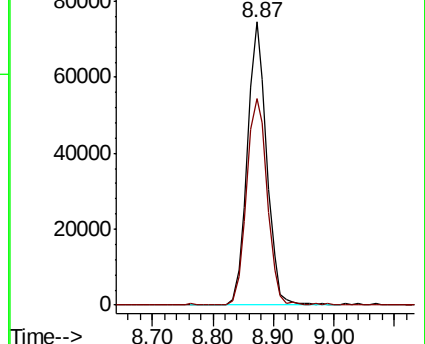
129 100

127 73.0 37.1 111.3



Abundance Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V



#61

1,2-Dibromoethane

Concen: 23.142 ug/l

RT: 9.15 min Scan# 874

Delta R.T. -0.01 min

Lab File: VF062862.D

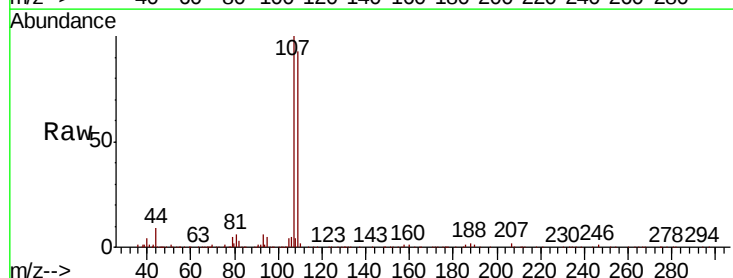
Acq: 5 Jun 2019 13:47

Tgt Ion:107 Resp: 142775

Ion Ratio Lower Upper

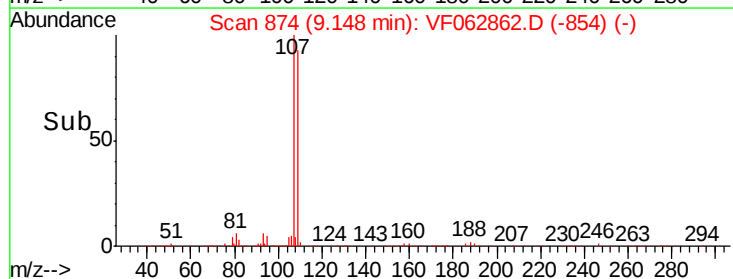
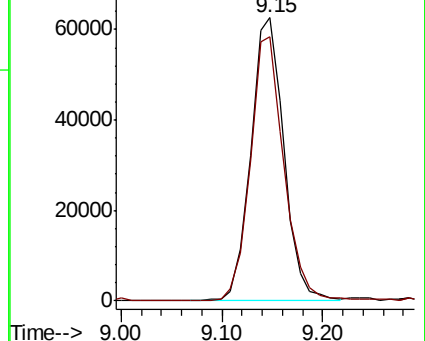
107 100

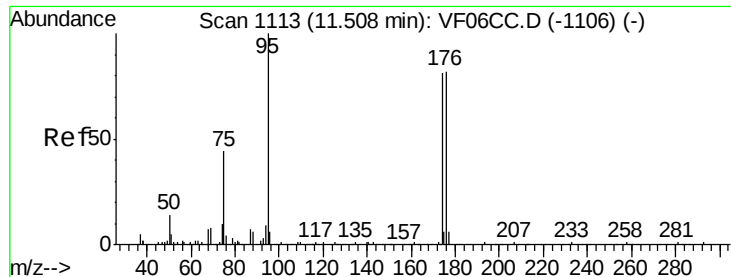
109 93.3 78.1 117.1



Abundance Ion 107.00 (106.70 to 107.70): V

Ion 109.00 (108.70 to 109.70): V





#62

4-Bromofluorobenzene

Concen: 58.104 ug/l

RT: 11.50 min Scan# 1113

Delta R.T. -0.01 min

Lab File: VF062862.D

Acq: 5 Jun 2019 13:47

Instrument :

MSVOA_F

ClientSampled :

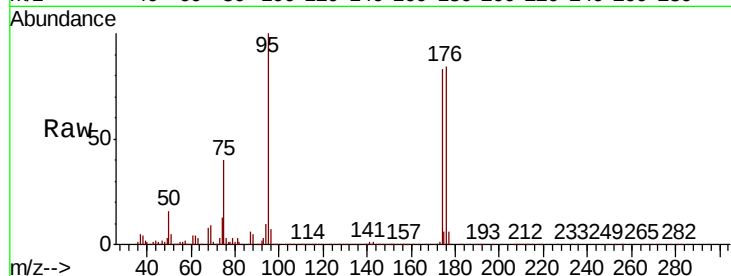
Tot Ion: 95 Resp: 550325

Ion Ratio Lower Upper

95 100

174 82.7 0.0 170.6

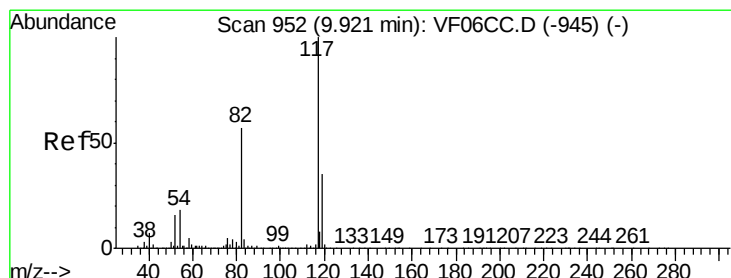
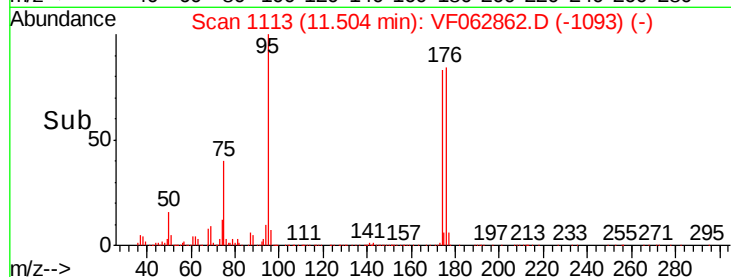
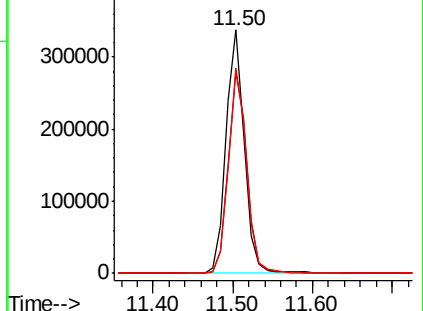
176 84.0 0.0 170.6



Abundance Ion 95.00 (94.70 to 95.70): VF0

Ion 174.00 (173.70 to 174.70): VF0

Ion 176.00 (175.70 to 176.70): VF0



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 9.93 min Scan# 953

Delta R.T. -0.01 min

Lab File: VF062862.D

Acq: 5 Jun 2019 13:47

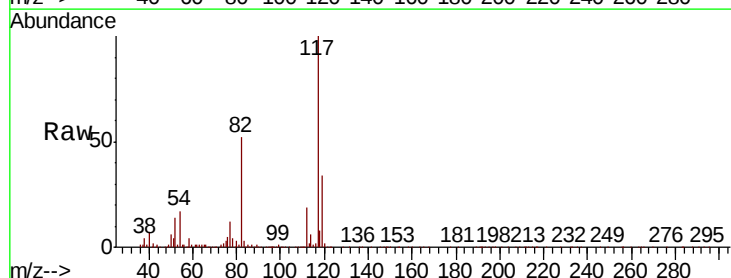
Tgt Ion: 117 Resp: 1144646

Ion Ratio Lower Upper

117 100

82 51.8 42.4 63.6

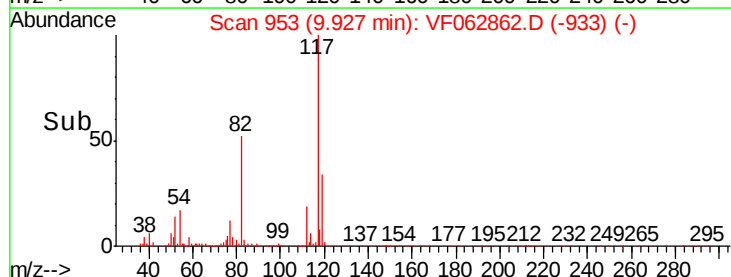
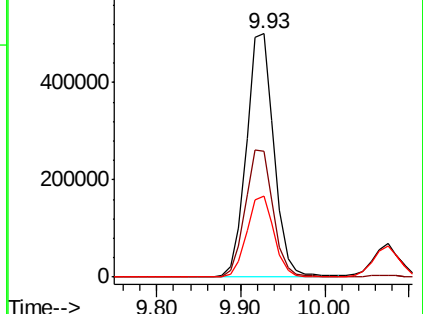
119 33.5 27.1 40.7

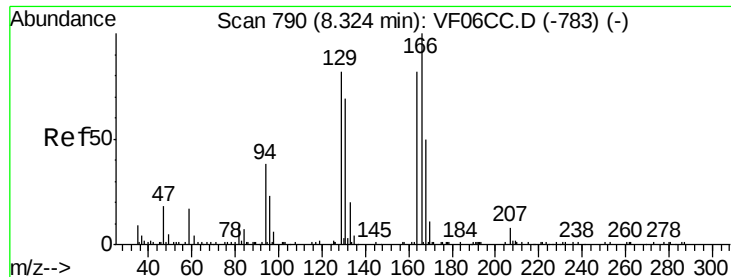


Abundance Ion 117.00 (116.70 to 117.70): VF0

Ion 82.00 (81.70 to 82.70): VF0

Ion 119.00 (118.70 to 119.70): VF0





#64

Tetrachloroethene

Concen: 19.848 ug/l

RT: 8.32 min Scan# 790

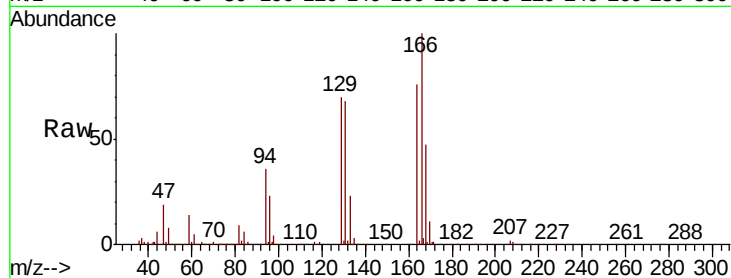
Delta R.T. -0.01 min

Lab File: VF062862.D

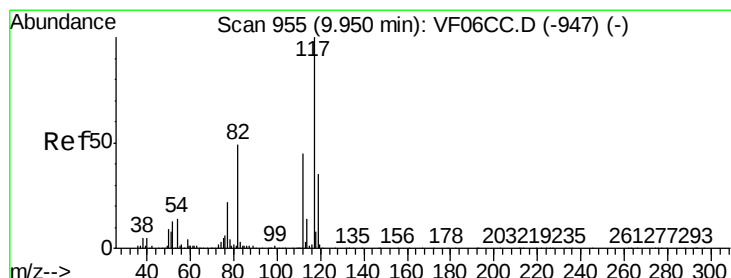
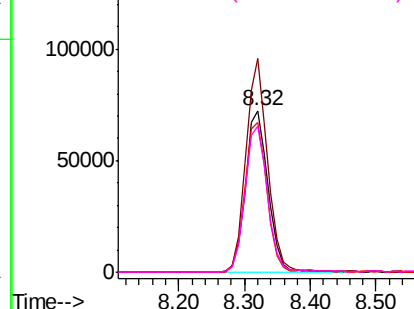
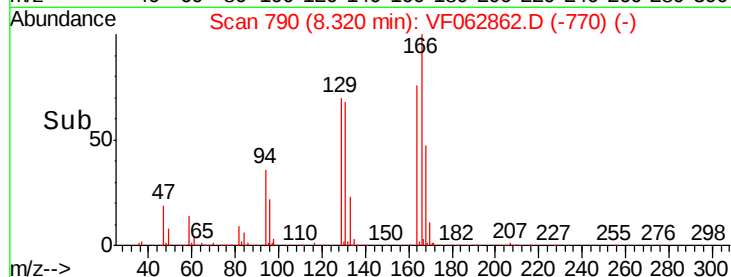
Acq: 5 Jun 2019 13:47

Instrument :
MSVOA_F
ClientSampleId :

Tot Ion:	164	Resp:	174577
Ion	Ratio	Lower	Upper
164	100		
166	132.0	99.1	148.7
129	92.5	69.5	104.3
131	90.1	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: 22.078 ug/l

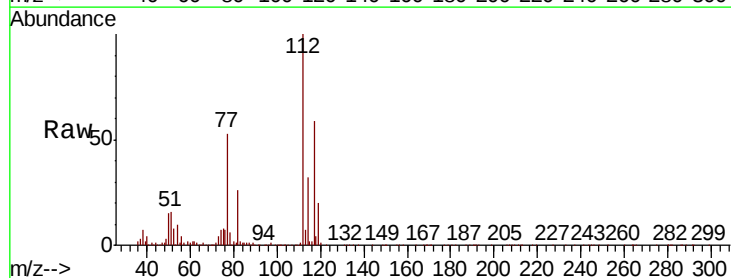
RT: 9.95 min Scan# 955

Delta R.T. -0.01 min

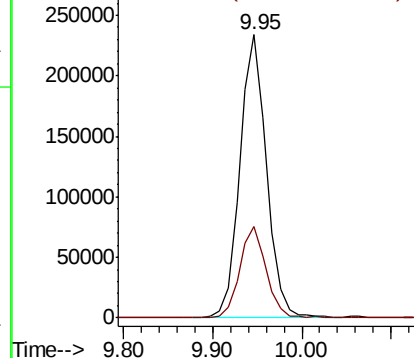
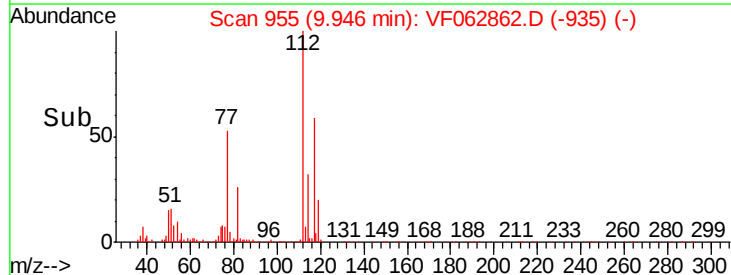
Lab File: VF062862.D

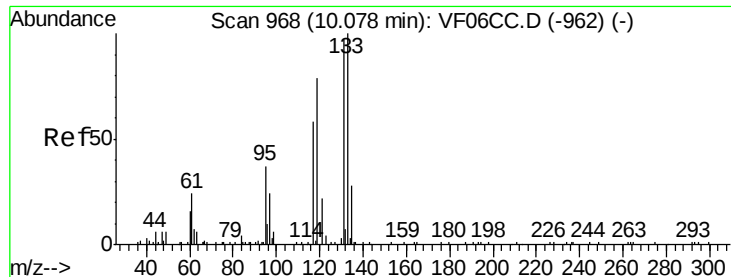
Acq: 5 Jun 2019 13:47

Tgt Ion:	112	Resp:	488034
Ion	Ratio	Lower	Upper
112	100		
114	32.3	27.4	41.0



Abundance Ion 112.00 (111.70 to 112.70): V
Ion 114.00 (113.70 to 114.70): V





#66

1,1,1,2-Tetrachloroethane

Concen: 20.989 ug/l

RT: 10.07 min Scan# 968

Delta R.T. -0.01 min

Lab File: VF062862.D

Acq: 5 Jun 2019 13:47

Instrument :

MSVOA_F

ClientSampleId :

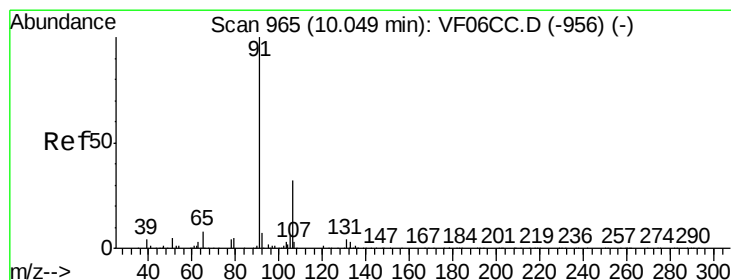
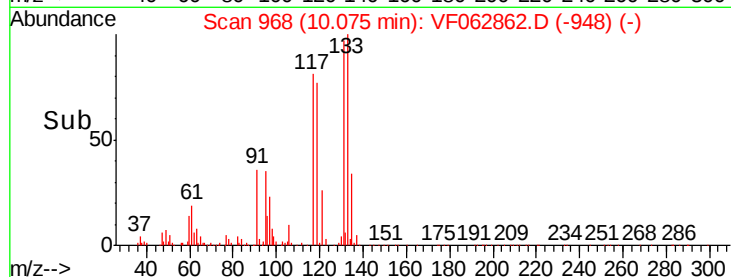
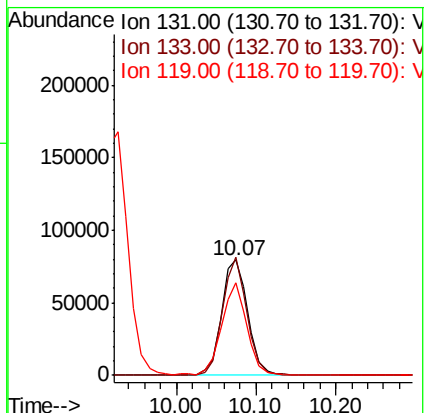
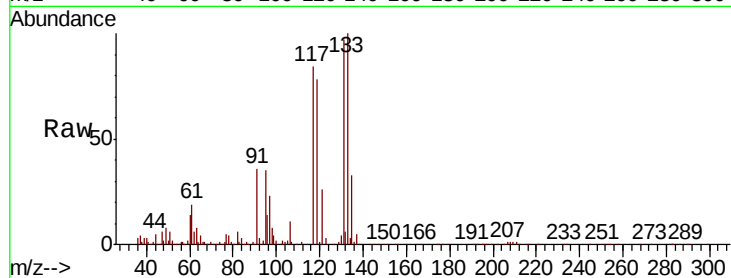
Tot Ion:131 Resp: 184779

Ion Ratio Lower Upper

131 100

133 102.9 48.9 146.7

119 80.0 38.0 114.0



#67

Ethyl Benzene

Concen: 21.619 ug/l

RT: 10.04 min Scan# 965

Delta R.T. -0.01 min

Lab File: VF062862.D

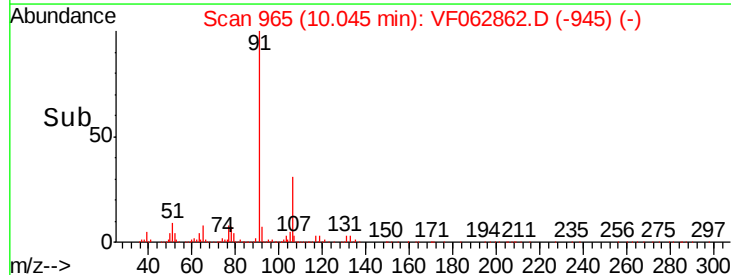
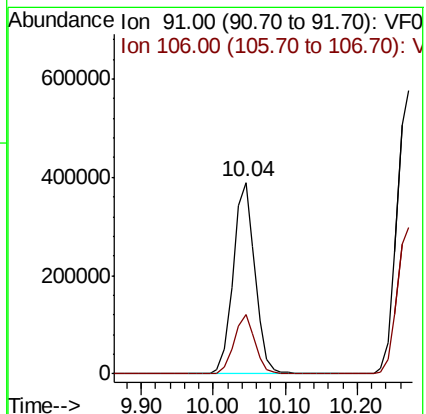
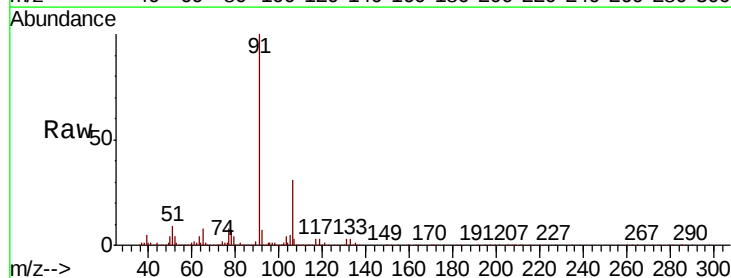
Acq: 5 Jun 2019 13:47

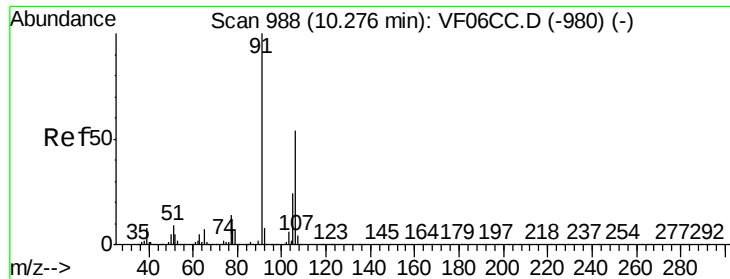
Tgt Ion: 91 Resp: 820080

Ion Ratio Lower Upper

91 100

106 31.0 26.0 39.0

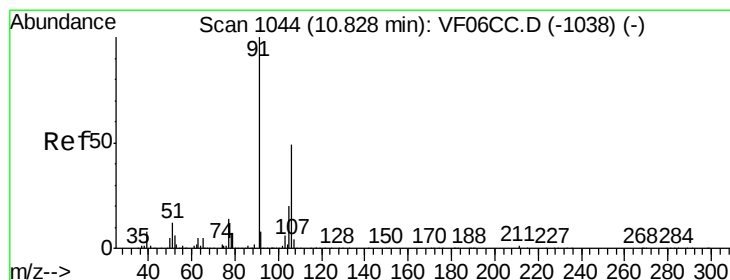
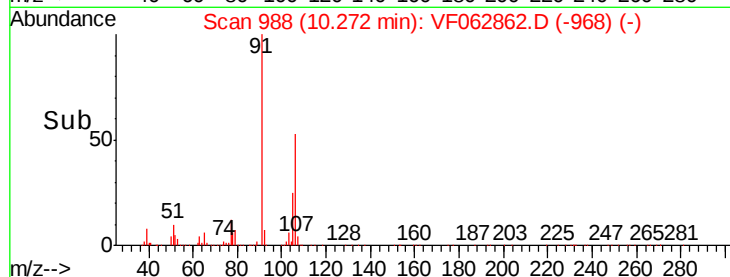
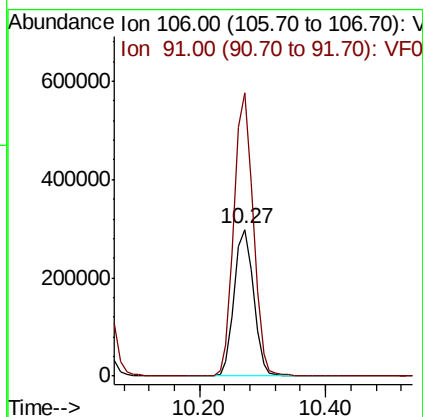
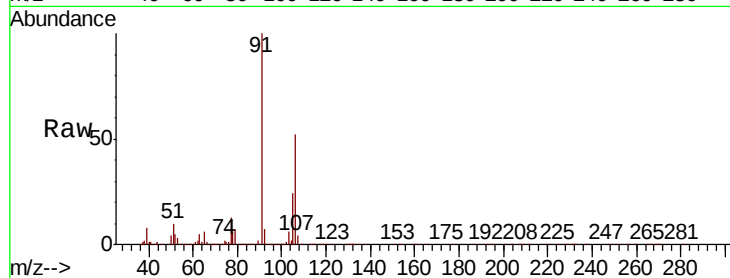




#68
m/p-Xylenes
Concen: 43.628 ug/l
RT: 10.27 min Scan# 988
Delta R.T. -0.01 min
Lab File: VF062862.D
Acq: 5 Jun 2019 13:47

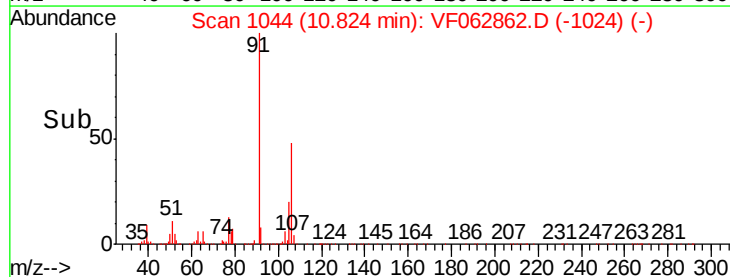
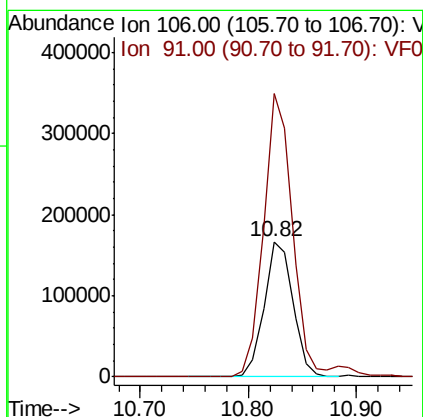
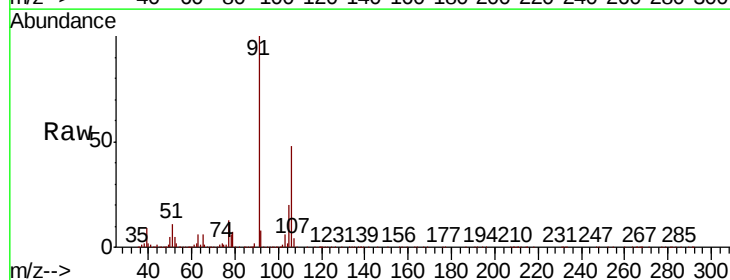
Instrument :
MSVOA_F
ClientSampleId :

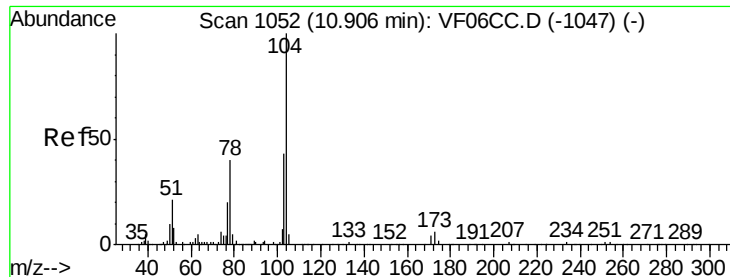
Tot Ion:106 Resp: 633281
Ion Ratio Lower Upper
106 100
91 192.9 136.2 204.4



#69
o-Xylene
Concen: 20.969 ug/l
RT: 10.82 min Scan# 1044
Delta R.T. -0.01 min
Lab File: VF062862.D
Acq: 5 Jun 2019 13:47

Tgt Ion:106 Resp: 308166
Ion Ratio Lower Upper
106 100
91 209.3 96.6 289.8

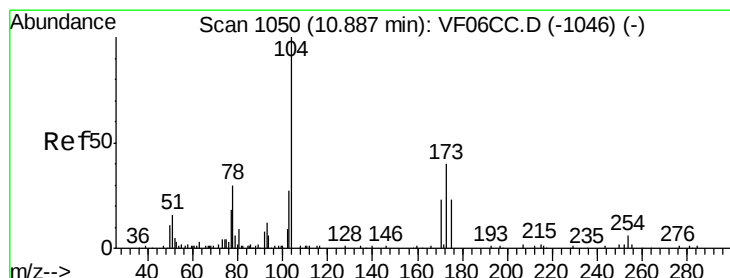
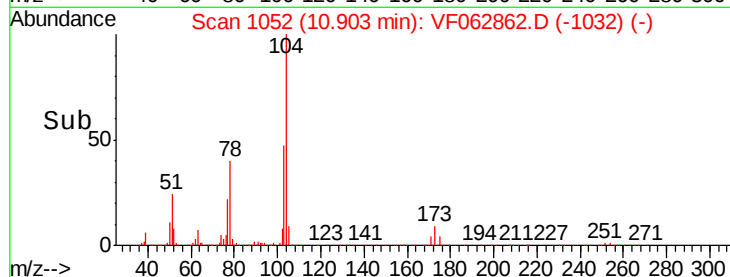
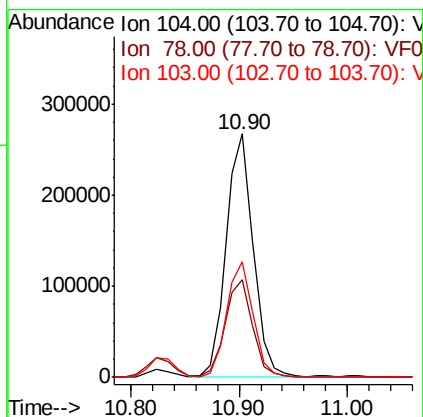
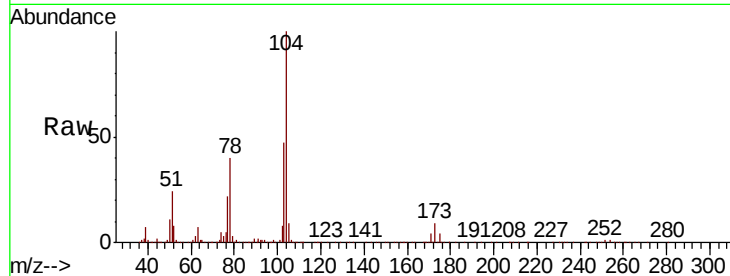




#70
Stvrene
Concen: 21.440 ug/l
RT: 10.90 min Scan# 1052
Delta R.T. -0.01 min
Lab File: VF062862.D
Acq: 5 Jun 2019 13:47

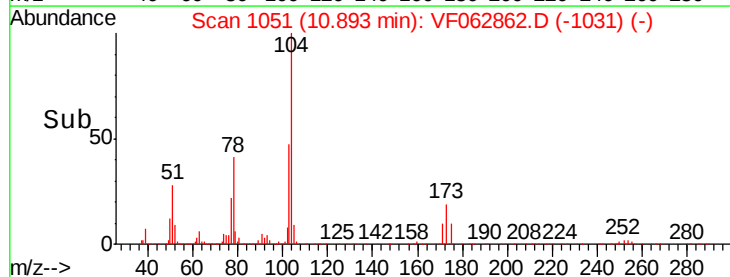
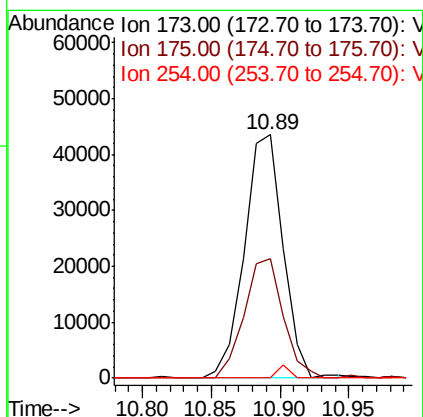
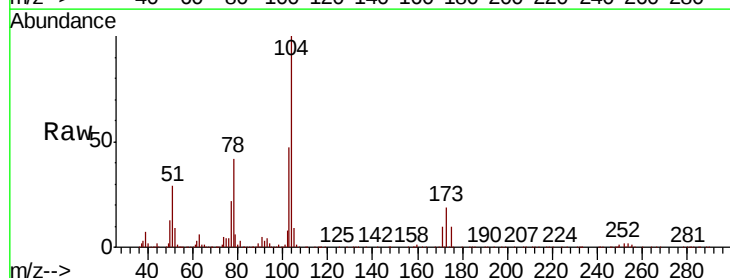
Instrument :
MSVOA_F
ClientSampleId :

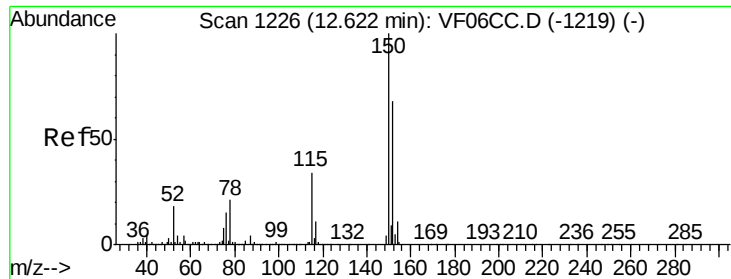
Tot Ion:104 Resp: 464432
Ion Ratio Lower Upper
104 100
78 40.4 30.8 46.2
103 47.2 35.8 53.6



#71
Bromoform
Concen: 20.236 ug/l
RT: 10.89 min Scan# 1051
Delta R.T. -0.01 min
Lab File: VF062862.D
Acq: 5 Jun 2019 13:47

Tgt Ion:173 Resp: 85462
Ion Ratio Lower Upper
173 100
175 49.2 24.6 74.0
254 0.2 0.1 0.1#



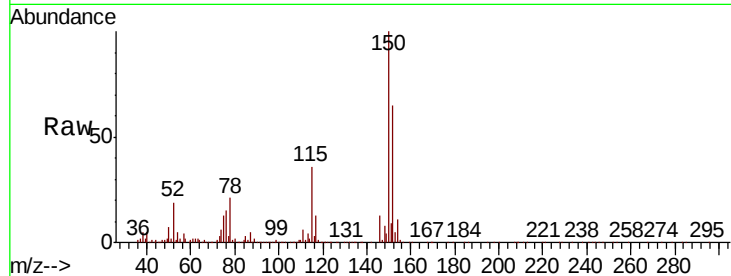


#72

1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.62 min Scan# 1226
Delta R.T. -0.01 min
Lab File: VF062862.D
Acq: 5 Jun 2019 13:47

Instrument :
MSVOA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
115	56.0	24.6	74.0
150	154.8	0.0	290.6

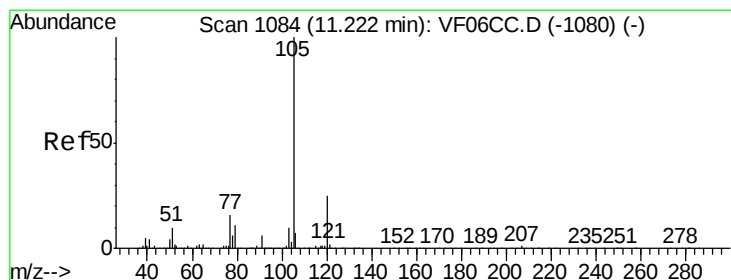
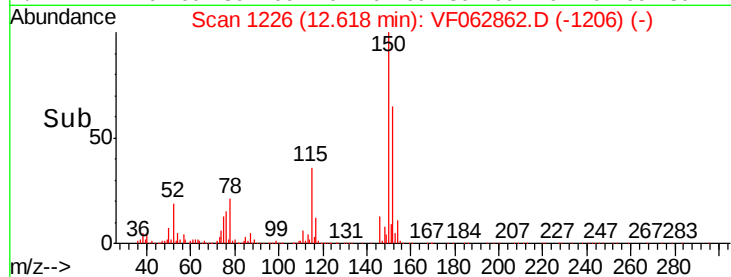
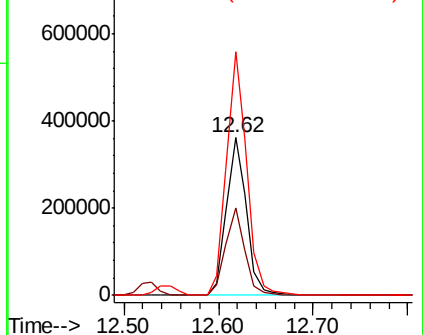


Abundance

Ion 152.00 (151.70 to 152.70): V

Ion 115.00 (114.70 to 115.70): V

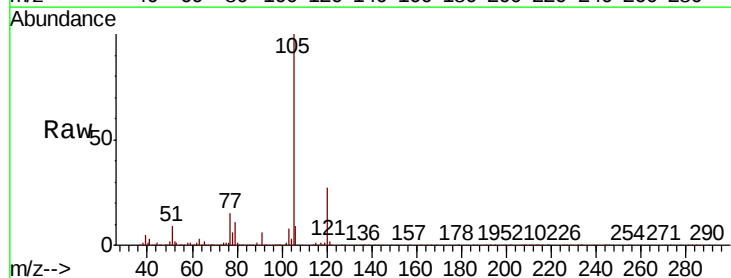
Ion 150.00 (149.70 to 150.70): V



#73

Isopropylbenzene
Concen: 23.169 ug/l
RT: 11.23 min Scan# 1085
Delta R.T. -0.01 min
Lab File: VF062862.D
Acq: 5 Jun 2019 13:47

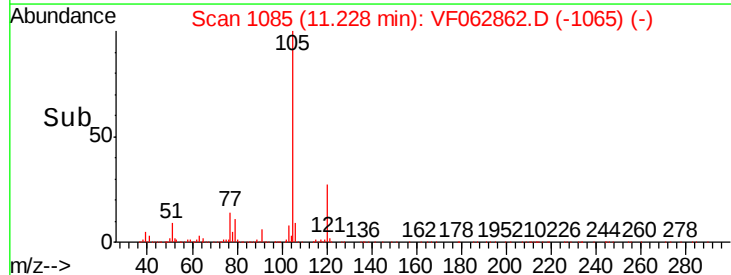
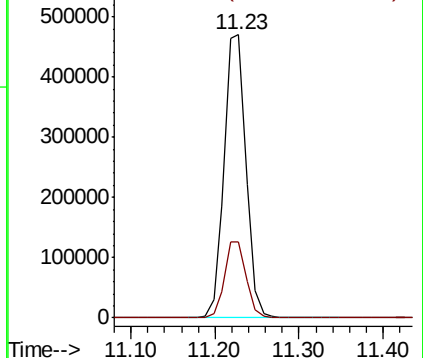
Tgt Ion	Ratio	Lower	Upper
105	100		
120	26.8	15.1	45.3

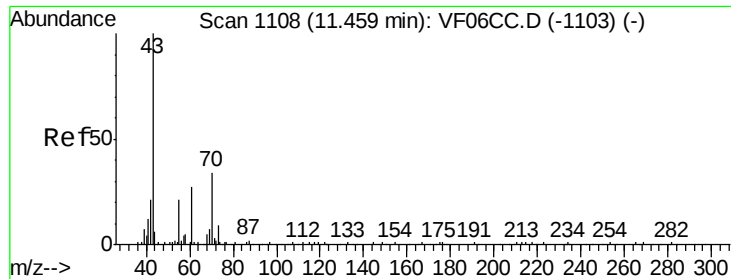


Abundance

Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#74

N-amvl acetate

Concen: 23.838 ug/l

RT: 11.45 min Scan# 1108

Delta R.T. -0.01 min

Lab File: VF062862.D

Acq: 5 Jun 2019 13:47

Instrument :

MSVOA_F

ClientSampleId :

Tot Ion: 43 Resp: 247242

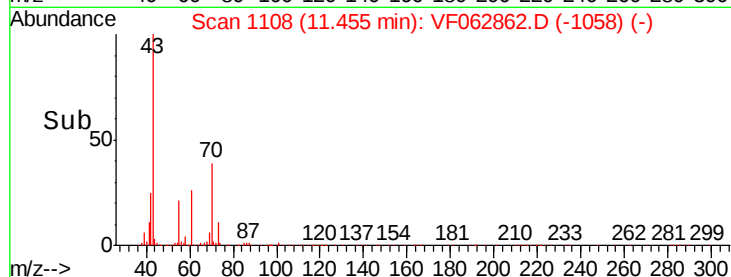
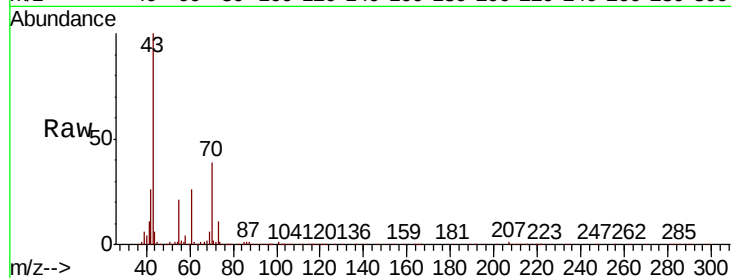
Ion	Ratio	Lower	Upper
43	100		
70	39.0	32.9	49.3
55	20.8	17.3	25.9
61	26.2	23.7	35.5

43 100

70 39.0 32.9 49.3

55 20.8 17.3 25.9

61 26.2 23.7 35.5

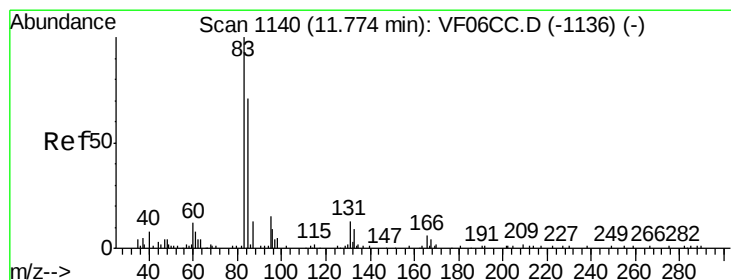
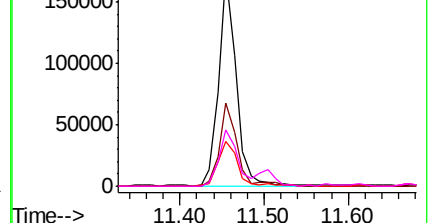


Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 70.00 (69.70 to 70.70): VF0

Ion 55.00 (54.70 to 55.70): VF0

Ion 61.00 (60.70 to 61.70): VF0



#75

1,1,2,2-Tetrachloroethane

Concen: 22.995 ug/l

RT: 11.78 min Scan# 1141

Delta R.T. -0.01 min

Lab File: VF062862.D

Acq: 5 Jun 2019 13:47

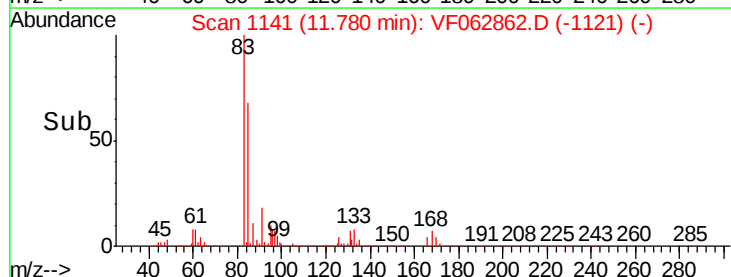
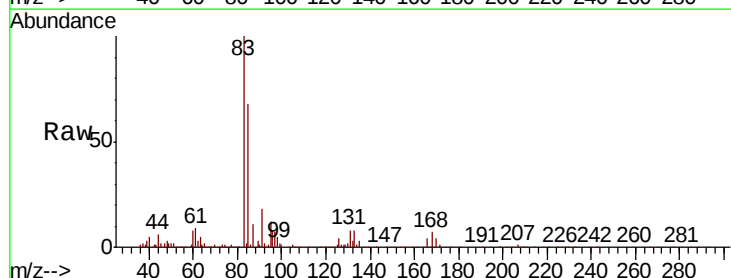
Tgt Ion: 83 Resp: 180712

Ion	Ratio	Lower	Upper
83	100		
131	7.7	4.9	14.7
85	67.9	32.1	96.5

83 100

131 7.7 4.9 14.7

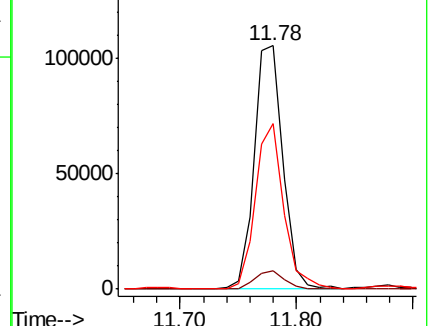
85 67.9 32.1 96.5

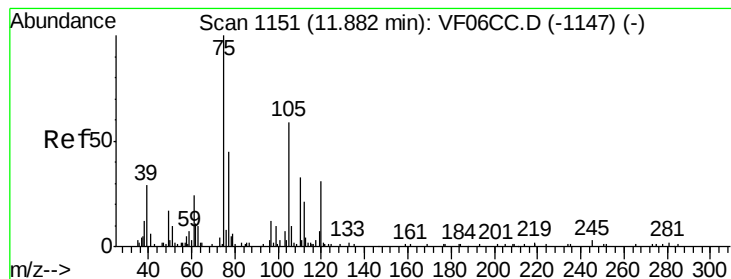


Abundance Ion 83.00 (82.70 to 83.70): VF0

Ion 131.00 (130.70 to 131.70): V

Ion 85.00 (84.70 to 85.70): VF0





#76

1,2,3-Trichloropropane

Concen: 22.123 ug/l

RT: 11.88 min Scan# 1151

Delta R.T. -0.01 min

Lab File: VF062862.D

Acq: 5 Jun 2019 13:47

Instrument :

MSVOA_F

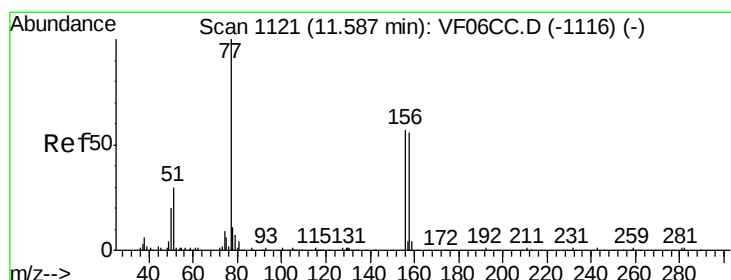
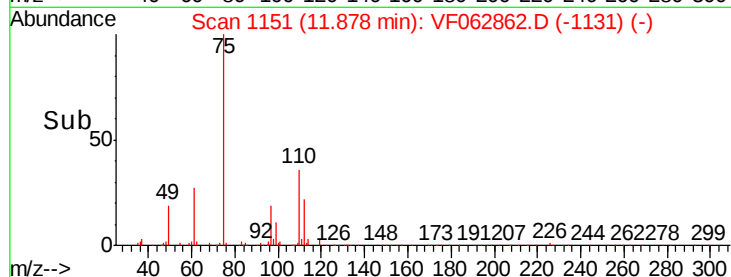
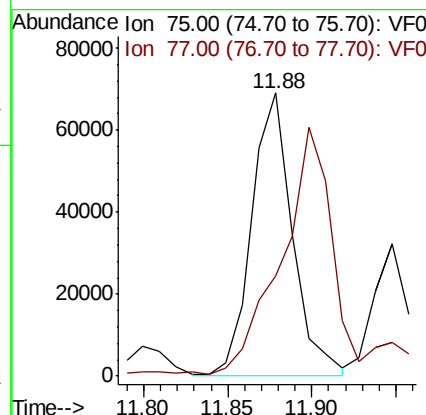
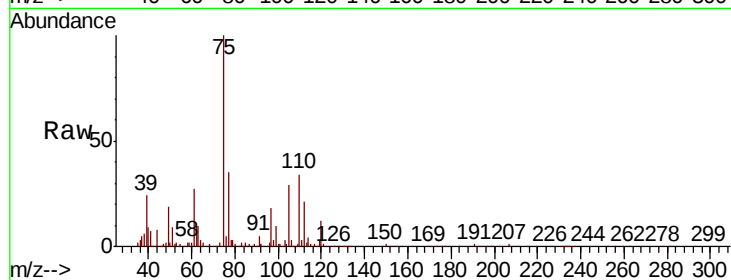
ClientSampleId :

Tot Ion: 75 Resp: 115243

Ion Ratio Lower Upper

75 100

77 35.5 20.1 60.2



#77

Bromobenzene

Concen: 21.436 ug/l

RT: 11.59 min Scan# 1122

Delta R.T. -0.01 min

Lab File: VF062862.D

Acq: 5 Jun 2019 13:47

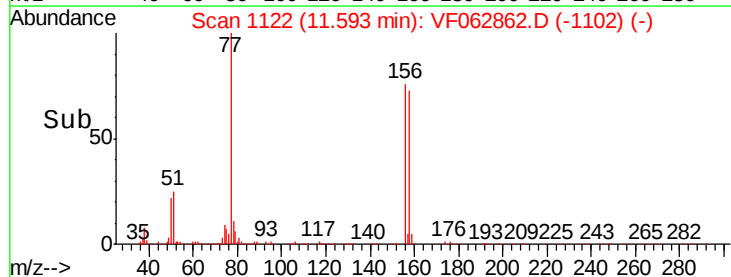
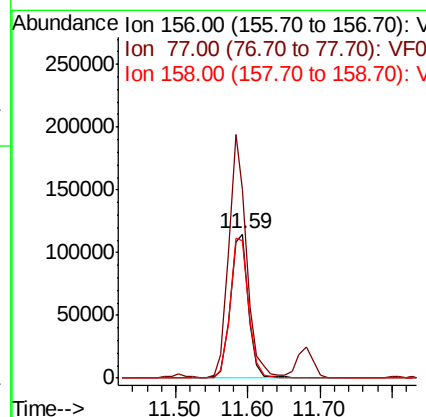
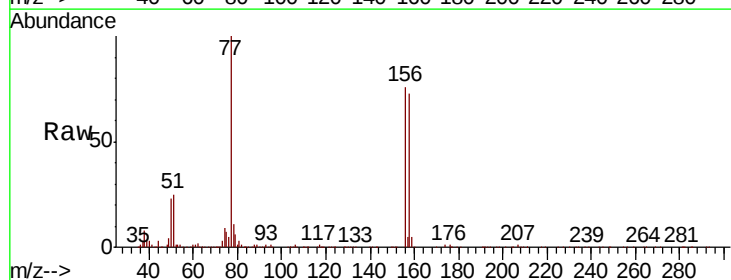
Tgt Ion: 156 Resp: 198204

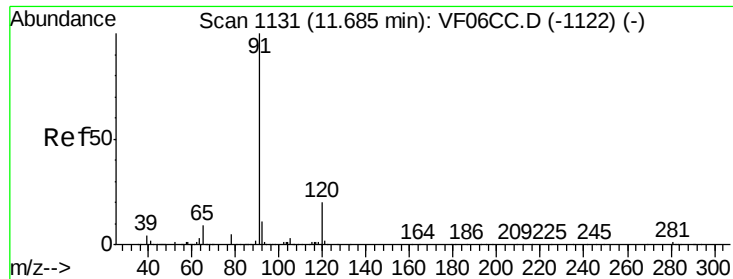
Ion Ratio Lower Upper

156 100

77 130.9 64.2 192.6

158 95.7 50.3 151.0





#78

n-propylbenzene

Concen: 22.571 ug/l

RT: 11.68 min Scan# 1131

Delta R.T. -0.01 min

Lab File: VF062862.D

Acq: 5 Jun 2019 13:47

Instrument :

MSVOA_F

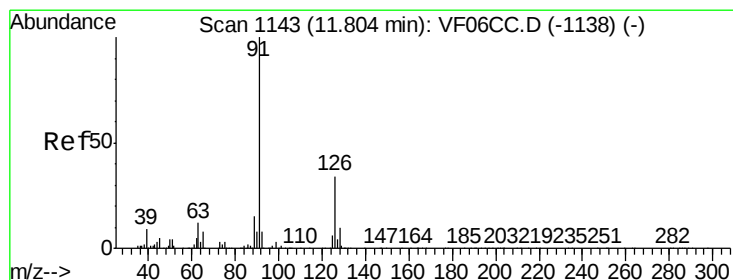
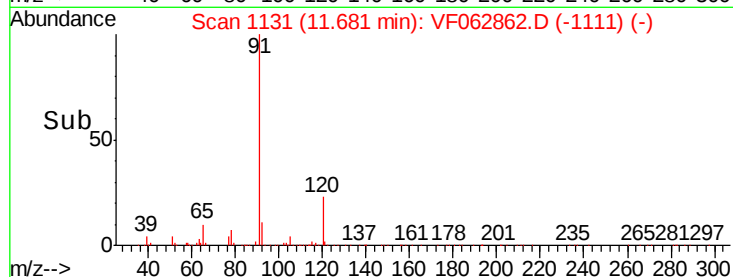
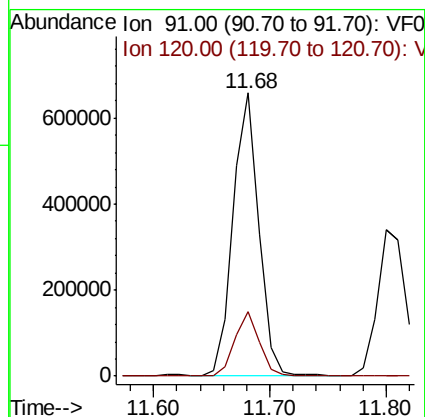
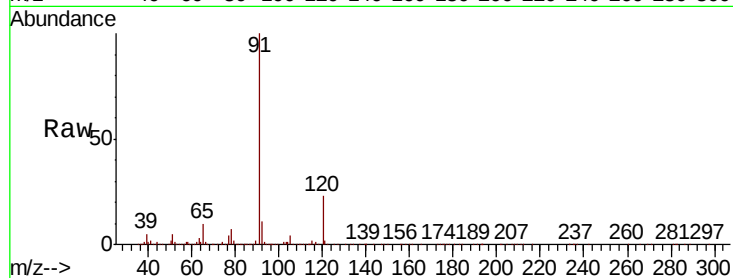
ClientSampleId :

Tot Ion: 91 Resp: 1002894

Ion Ratio Lower Upper

91 100

120 22.6 12.8 38.4



#79

2-Chlorotoluene

Concen: 22.091 ug/l

RT: 11.80 min Scan# 1143

Delta R.T. -0.01 min

Lab File: VF062862.D

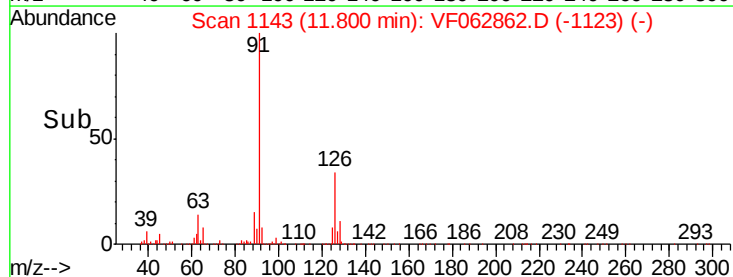
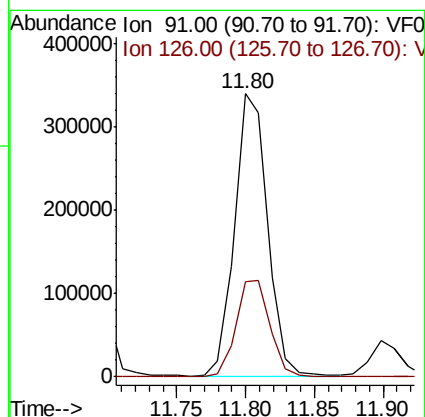
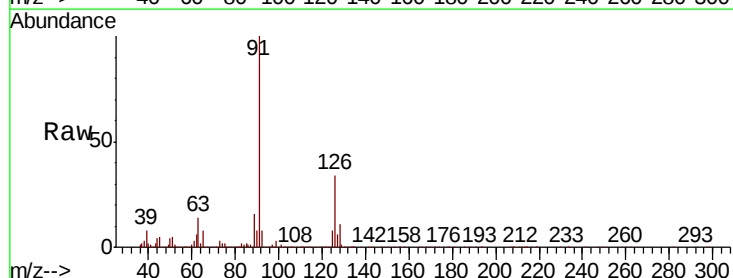
Acq: 5 Jun 2019 13:47

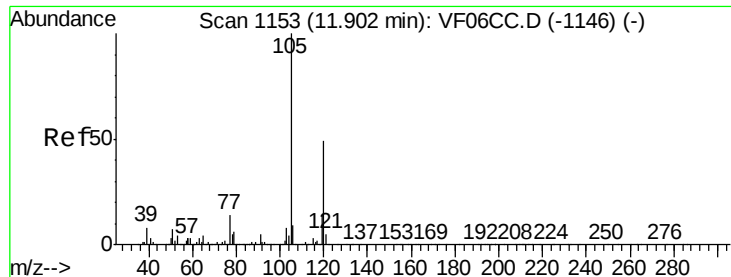
Tgt Ion: 91 Resp: 561656

Ion Ratio Lower Upper

91 100

126 33.7 17.8 53.3

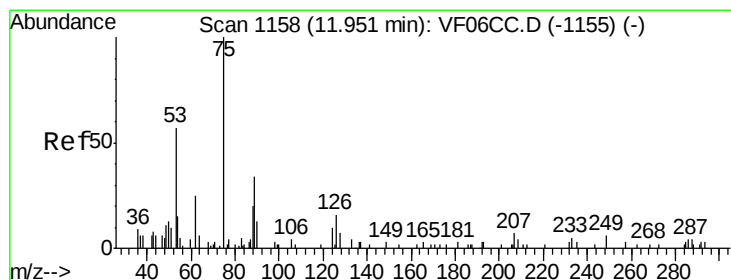
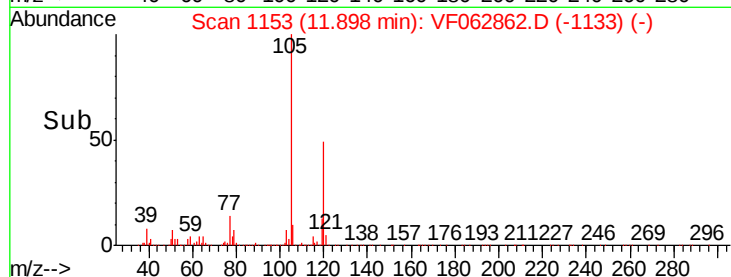
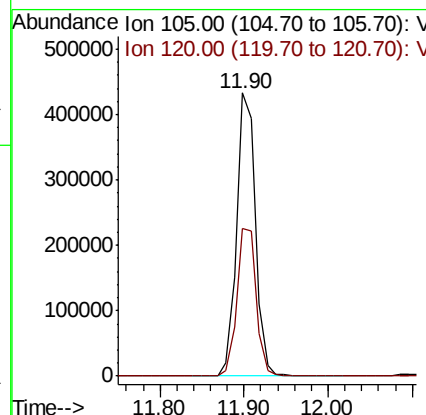
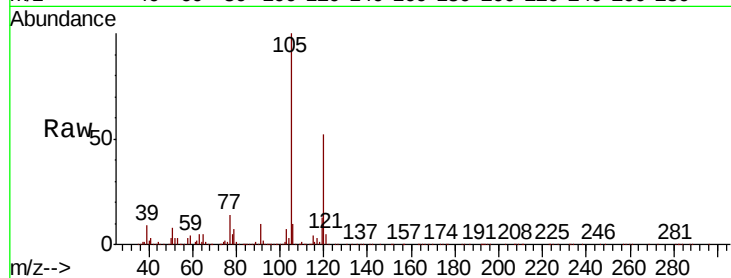




#80
 1,3,5-Trimethylbenzene
 Concen: 22.392 ug/l
 RT: 11.90 min Scan# 1153
 Delta R.T. -0.01 min
 Lab File: VF062862.D
 Acq: 5 Jun 2019 13:47

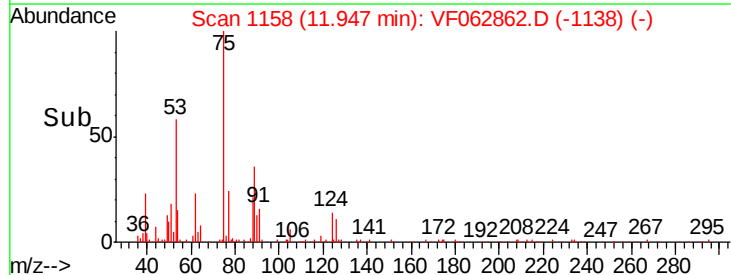
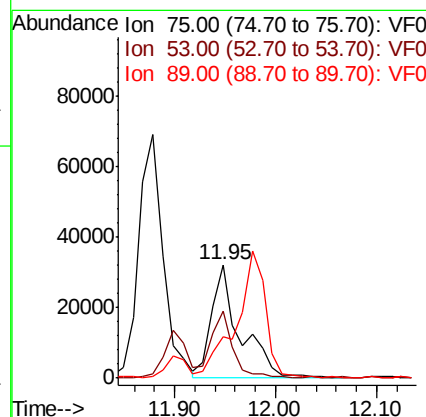
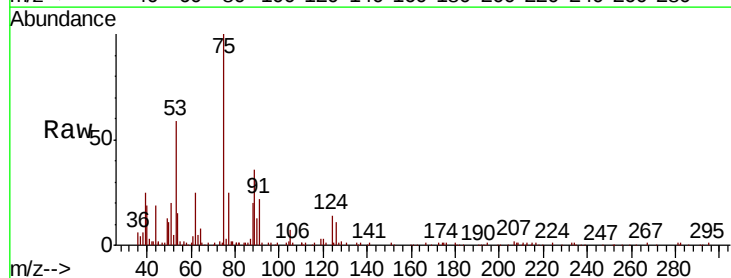
Instrument :
 MSVOA_F
 ClientSampleId :

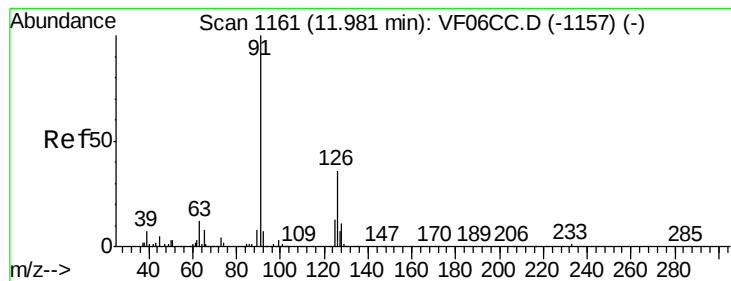
Tot Ion:105 Resp: 673862
 Ion Ratio Lower Upper
 105 100
 120 52.2 28.7 86.1



#81
 trans-1,4-Dichloro-2-butene
 Concen: 29.018 ug/l
 RT: 11.95 min Scan# 1158
 Delta R.T. -0.01 min
 Lab File: VF062862.D
 Acq: 5 Jun 2019 13:47

Tgt Ion: 75 Resp: 63997
 Ion Ratio Lower Upper
 75 100
 53 58.8 43.5 65.3
 89 36.1 34.3 51.5





#82

4-Chlorotoluene

Concen: 22.365 ug/l

RT: 11.98 min Scan# 1161

Delta R.T. -0.01 min

Lab File: VF062862.D

Acq: 5 Jun 2019 13:47

Instrument :

MSVOA_F

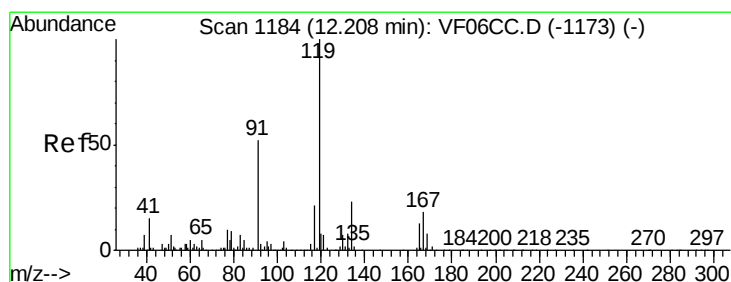
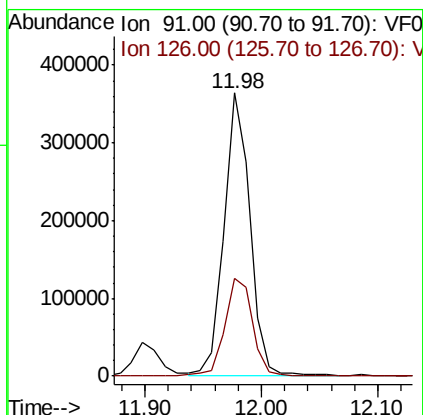
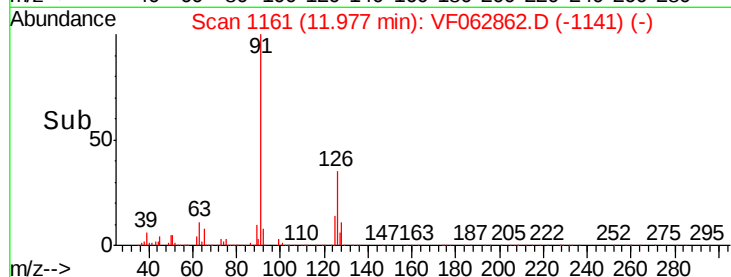
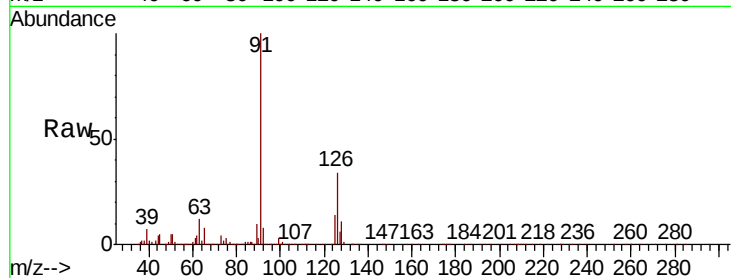
ClientSampleId :

Tot Ion: 91 Resp: 558814

Ion Ratio Lower Upper

91 100

126 34.5 19.1 57.1



#83

tert-Butylbenzene

Concen: 23.328 ug/l

RT: 12.20 min Scan# 1184

Delta R.T. -0.01 min

Lab File: VF062862.D

Acq: 5 Jun 2019 13:47

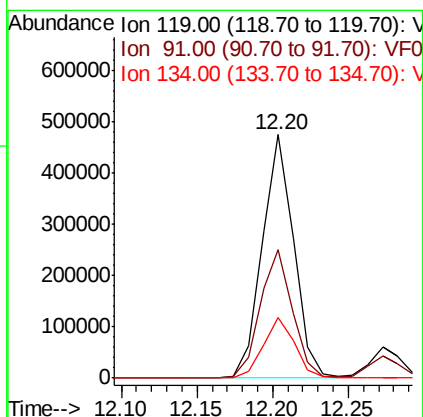
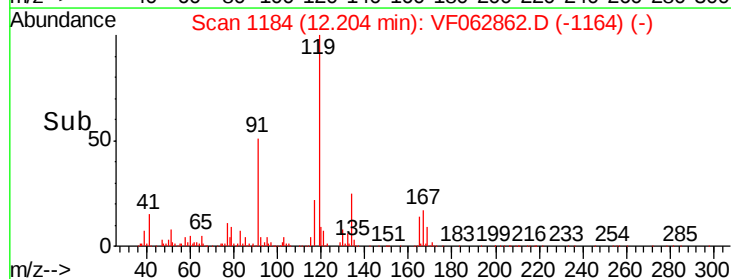
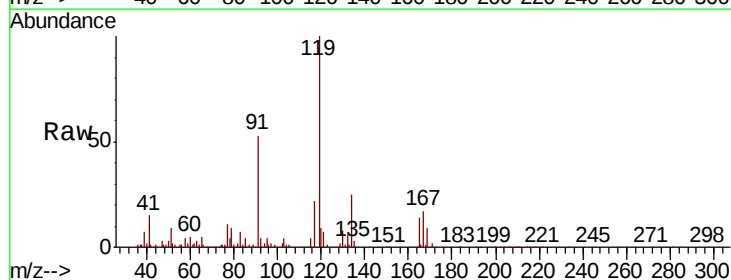
Tgt Ion: 119 Resp: 695621

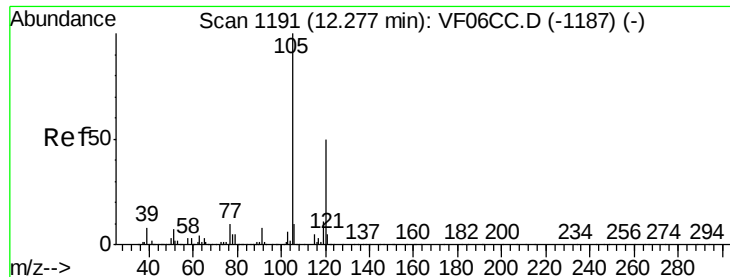
Ion Ratio Lower Upper

119 100

91 52.9 28.9 86.7

134 24.9 14.3 42.9

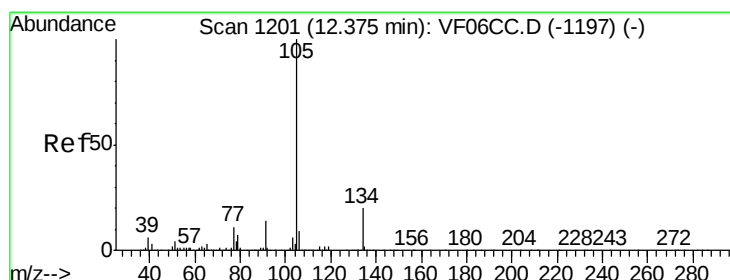
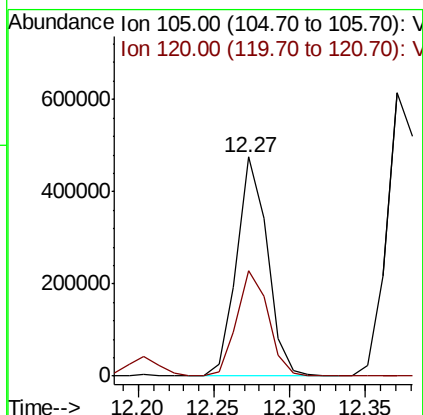
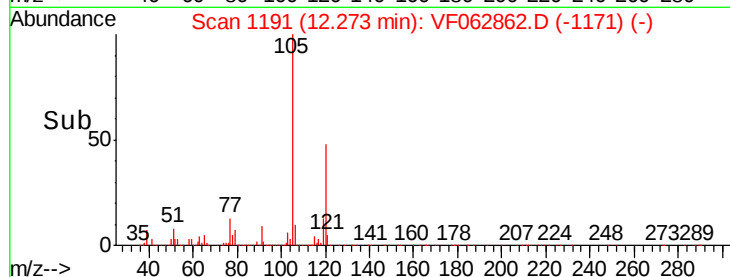
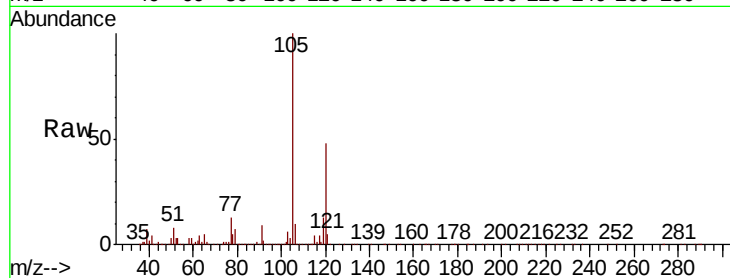




#84
 1,2,4-Trimethylbenzene
 Concen: 23.508 ug/l
 RT: 12.27 min Scan# 1191
 Delta R.T. -0.01 min
 Lab File: VF062862.D
 Acq: 5 Jun 2019 13:47

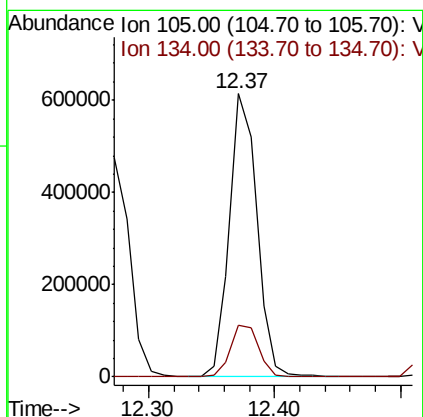
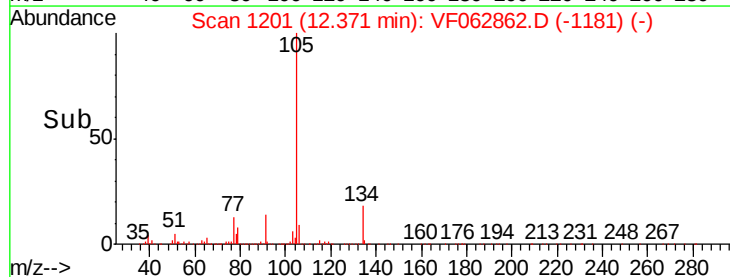
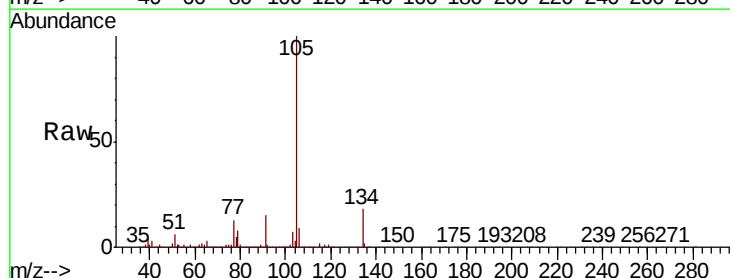
Instrument :
 MSVOA_F
 ClientSampleId :

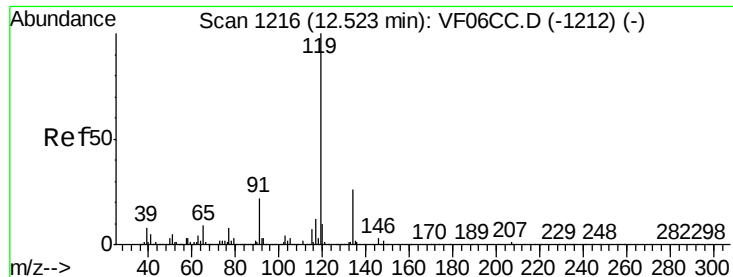
Tot Ion:105 Resp: 670759
 Ion Ratio Lower Upper
 105 100
 120 48.0 27.1 81.3



#85
 sec-Butylbenzene
 Concen: 23.486 ug/l
 RT: 12.37 min Scan# 1201
 Delta R.T. -0.01 min
 Lab File: VF062862.D
 Acq: 5 Jun 2019 13:47

Tgt Ion:105 Resp: 922856
 Ion Ratio Lower Upper
 105 100
 134 18.1 10.5 31.6





#86

p-Isopropyltoluene

Concen: 23.883 ug/l

RT: 12.53 min Scan# 1217

Delta R.T. -0.01 min

Lab File: VF062862.D

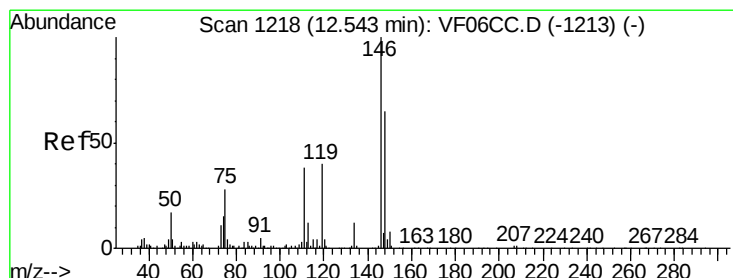
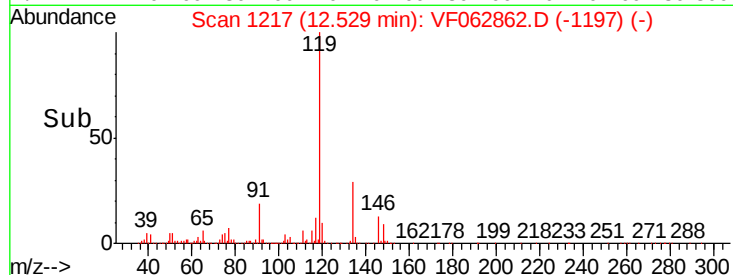
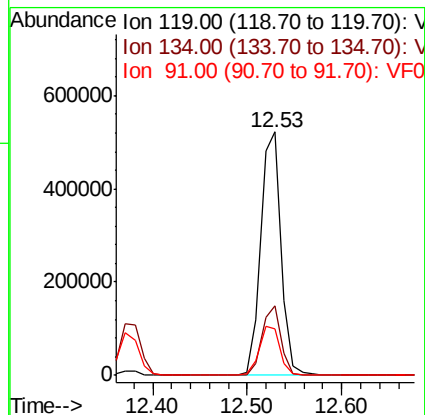
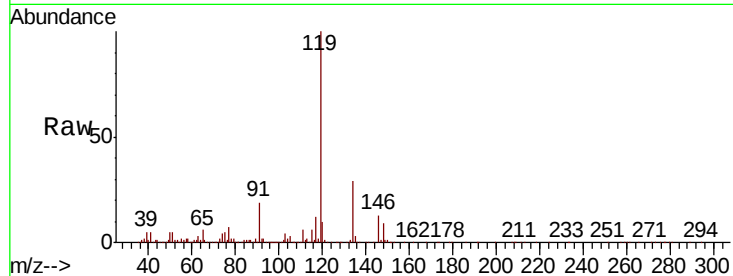
Acq: 5 Jun 2019 13:47

Instrument :

MSVOA_F

ClientSampleId :

Tot Ion:	119	Resp:	781116
Ion	Ratio	Lower	Upper
119	100		
134	28.7	15.5	46.5
91	19.3	10.3	30.9



#87

1,3-Dichlorobenzene

Concen: 22.903 ug/l

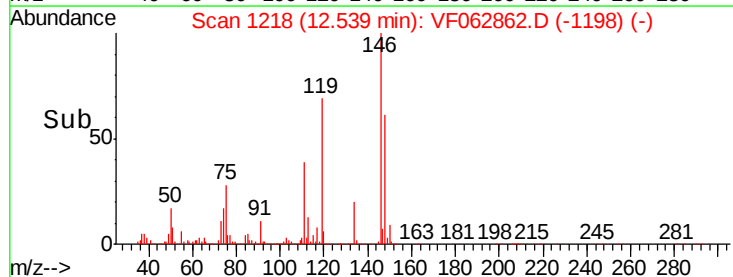
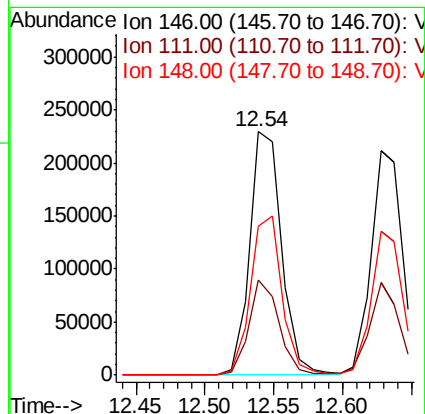
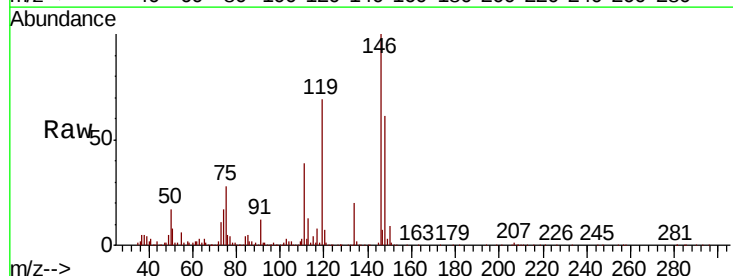
RT: 12.54 min Scan# 1218

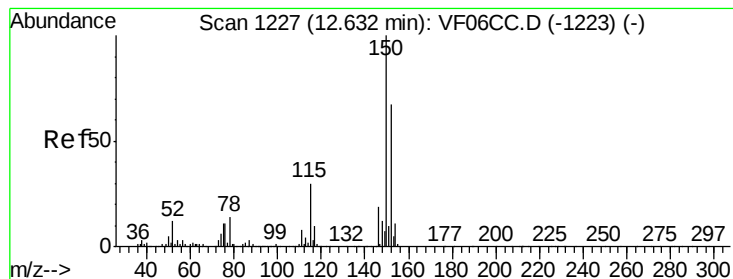
Delta R.T. -0.01 min

Lab File: VF062862.D

Acq: 5 Jun 2019 13:47

Tgt Ion:	146	Resp:	373469
Ion	Ratio	Lower	Upper
146	100		
111	39.0	19.6	58.8
148	61.2	34.2	102.5





#88

1,4-Dichlorobenzene

Concen: 22.426 ug/l

RT: 12.63 min Scan# 1227

Delta R.T. -0.01 min

Lab File: VF062862.D

Acq: 5 Jun 2019 13:47

Instrument :

MSVOA_F

ClientSampled :

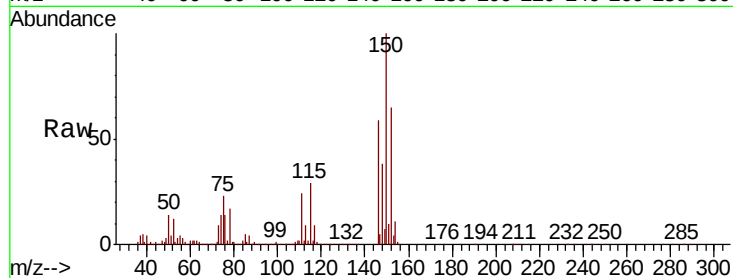
Tot Ion:146 Resp: 341286

Ion Ratio Lower Upper

146 100

111 41.1 20.3 60.9

148 64.3 34.0 101.8

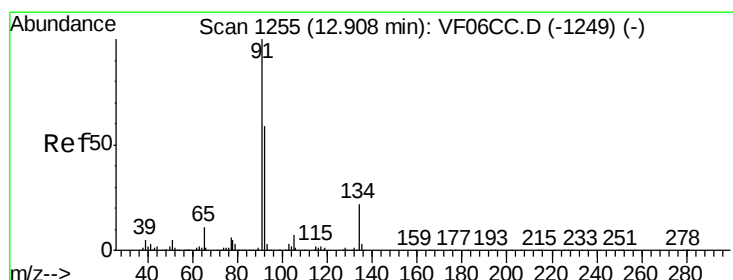
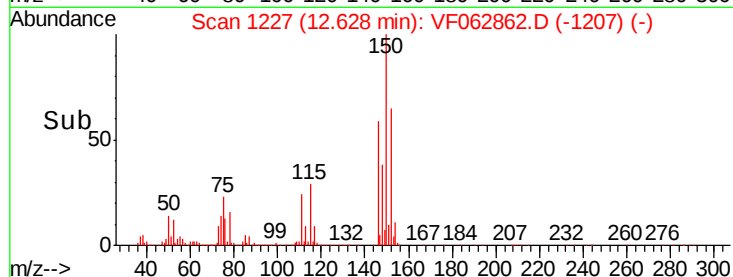
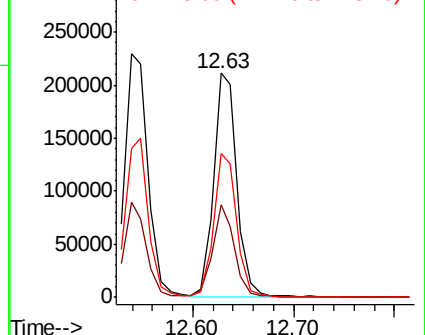


Abundance

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: 23.618 ug/l

RT: 12.90 min Scan# 1255

Delta R.T. -0.01 min

Lab File: VF062862.D

Acq: 5 Jun 2019 13:47

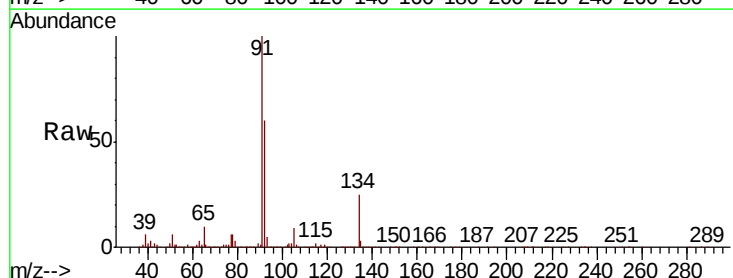
Tgt Ion: 91 Resp: 777018

Ion Ratio Lower Upper

91 100

92 60.2 34.2 102.6

134 25.2 15.8 47.3

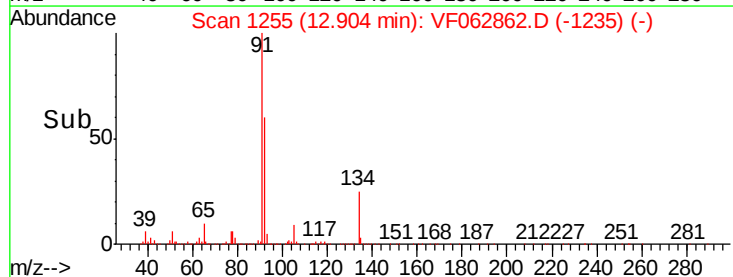
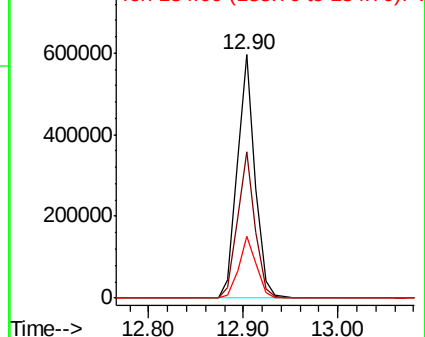


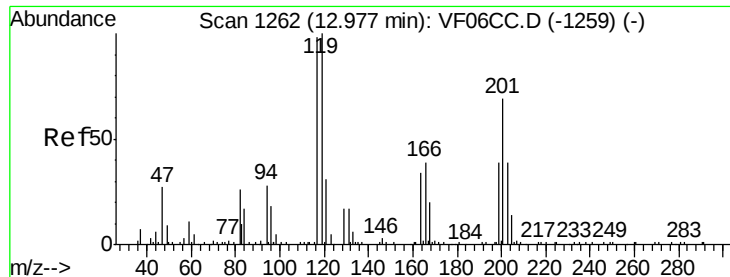
Abundance

Ion 91.00 (90.70 to 91.70): VF0

Ion 92.00 (91.70 to 92.70): VF0

Ion 134.00 (133.70 to 134.70): V





#90

Hexachloroethane

Concen: 22.607 ug/l

RT: 12.98 min Scan# 1263

Delta R.T. -0.01 min

Lab File: VF062862.D

Acq: 5 Jun 2019 13:47

Instrument :

MSVOA_F

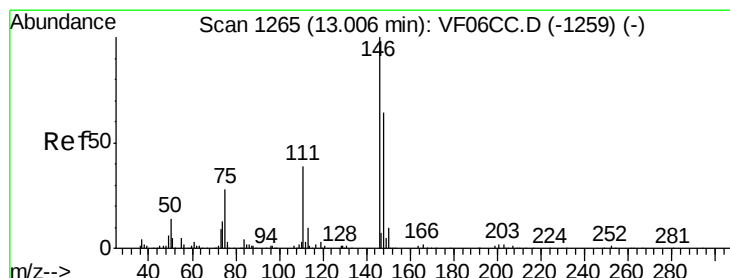
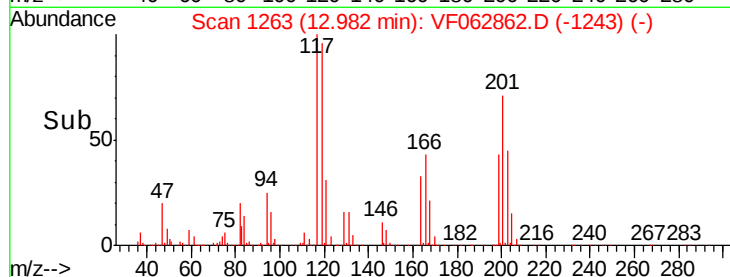
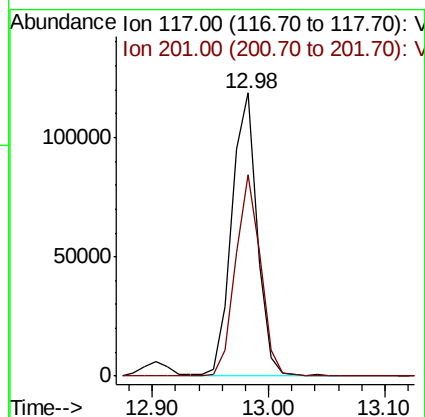
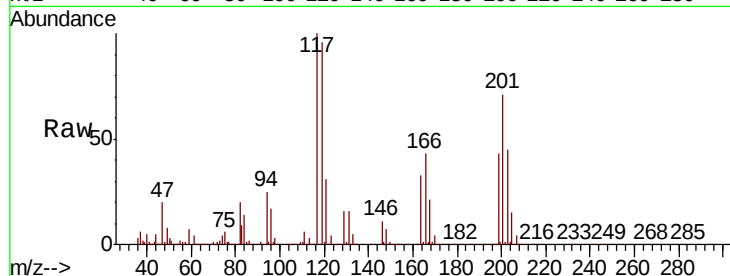
ClientSampled :

Tot Ion:117 Resp: 180334

Ion Ratio Lower Upper

117 100

201 71.2 38.9 116.7



#91

1,2-Dichlorobenzene

Concen: 22.216 ug/l

RT: 13.00 min Scan# 1265

Delta R.T. -0.01 min

Lab File: VF062862.D

Acq: 5 Jun 2019 13:47

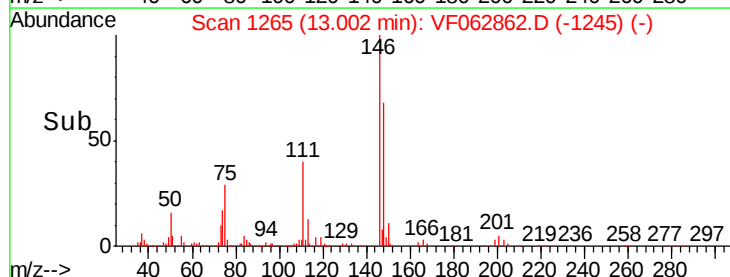
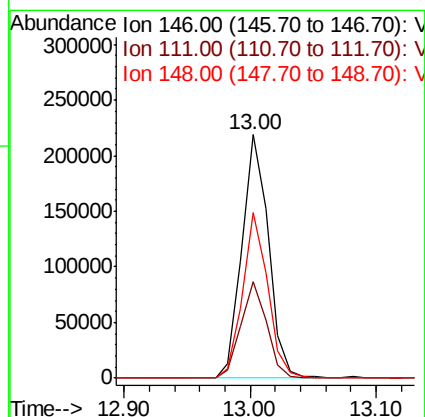
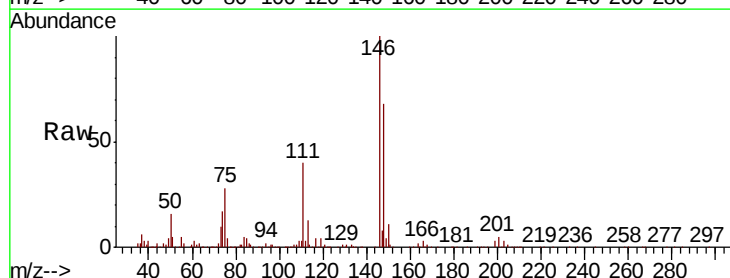
Tgt Ion:146 Resp: 318419

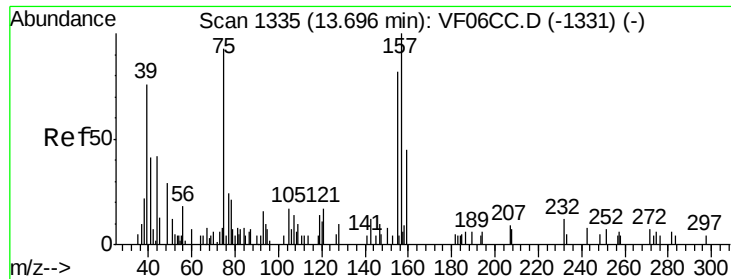
Ion Ratio Lower Upper

146 100

111 39.8 20.4 61.3

148 68.0 34.1 102.3





#92

1,2-Dibromo-3-Chloropropane

Concen: 21.541 ug/l

RT: 13.69 min Scan# 1335

Delta R.T. -0.01 min

Lab File: VF062862.D

Acq: 5 Jun 2019 13:47

Instrument :

MSVOA_F

ClientSampleId :

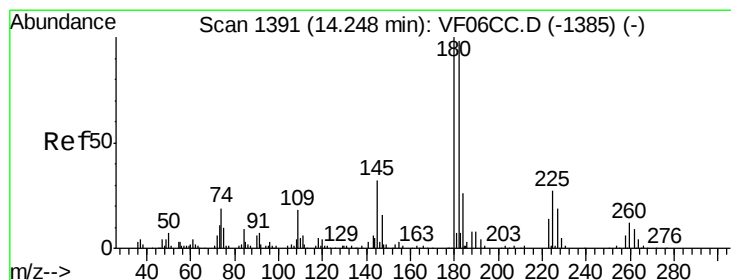
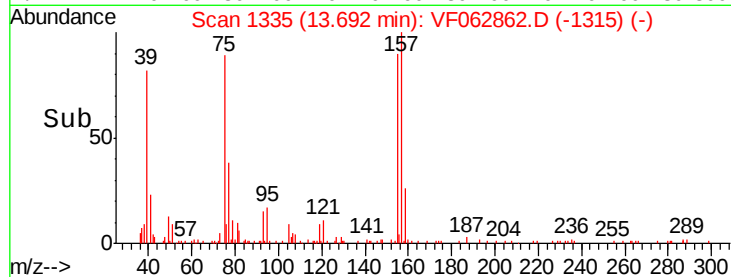
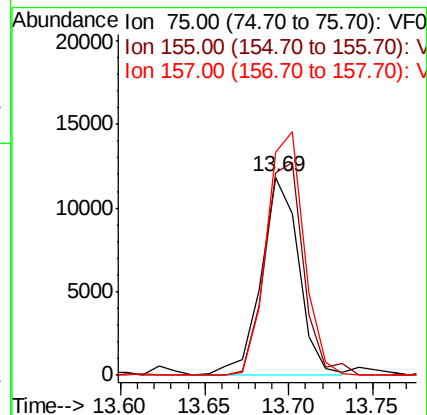
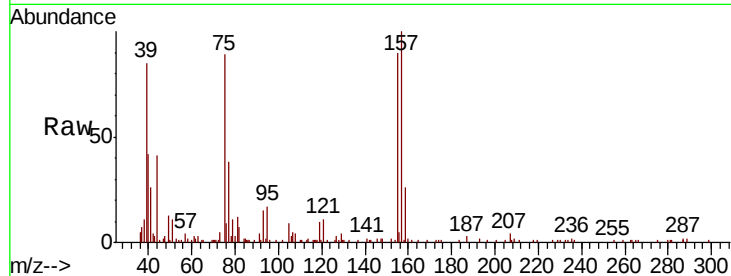
Tot Ion: 75 Resp: 18443

Ion Ratio Lower Upper

75 100

155 102.0 51.7 155.1

157 112.9 66.8 200.6



#93

1,2,4-Trichlorobenzene

Concen: 19.902 ug/l

RT: 14.24 min Scan# 1391

Delta R.T. -0.01 min

Lab File: VF062862.D

Acq: 5 Jun 2019 13:47

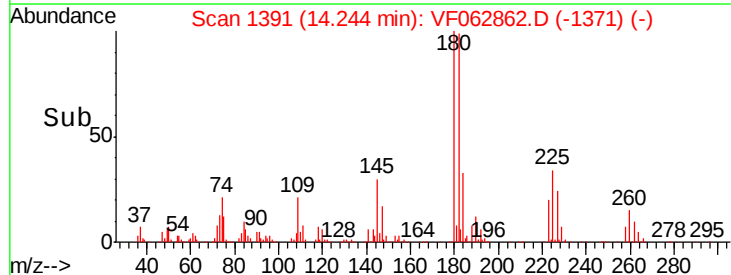
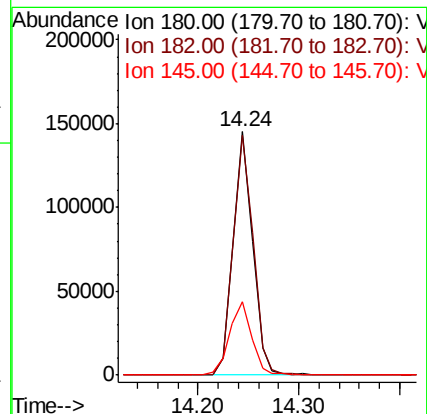
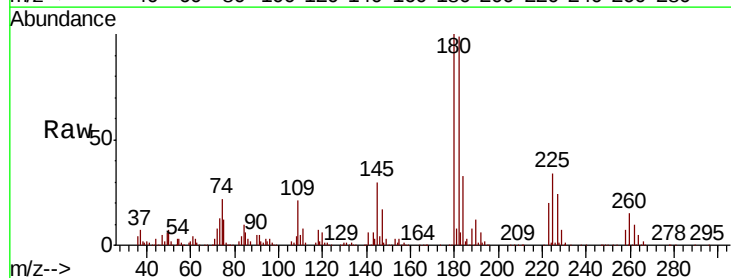
Tgt Ion:180 Resp: 195860

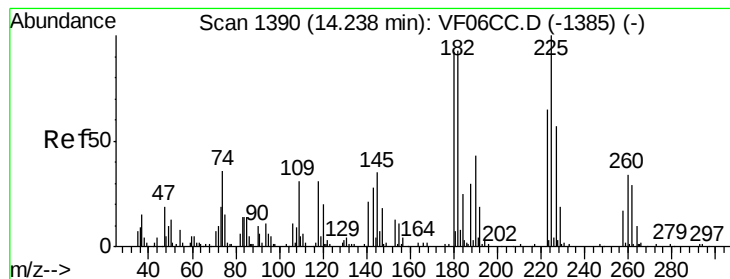
Ion Ratio Lower Upper

180 100

182 98.7 50.3 150.9

145 30.2 15.4 46.2





#94

Hexachlorobutadiene

Concen: 19.817 ug/l

RT: 14.23 min Scan# 1390

Delta R.T. -0.01 min

Lab File: VF062862.D

Acq: 5 Jun 2019 13:47

Instrument :

MSVOA_F

ClientSampled :

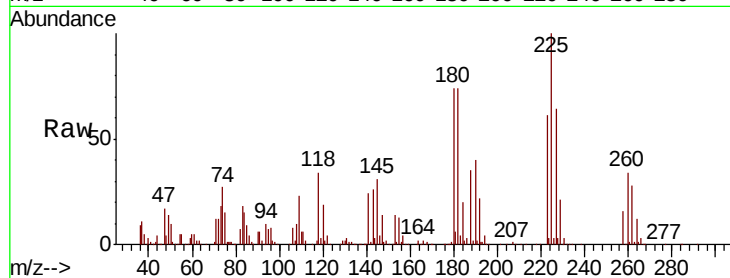
Tot Ion:225 Resp: 134915

Ion Ratio Lower Upper

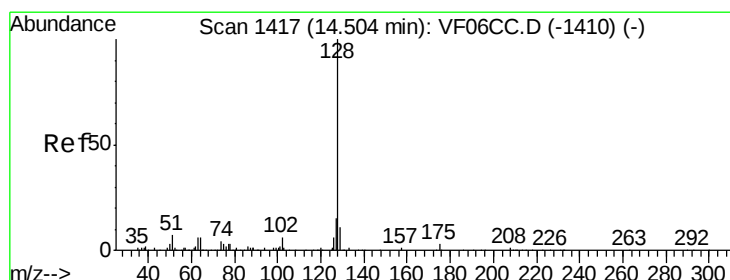
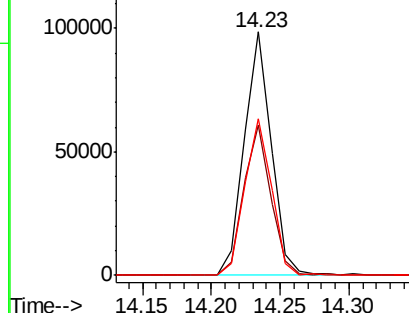
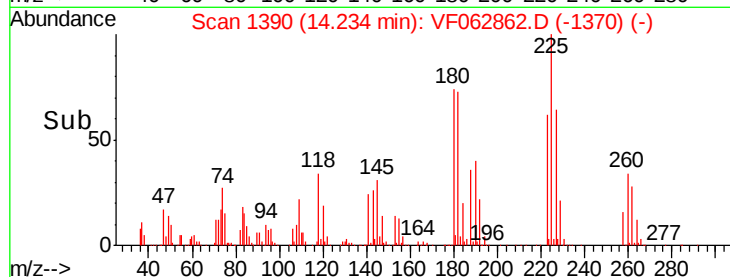
225 100

223 61.5 30.8 92.4

227 64.4 31.9 95.5



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



#95

Naphthalene

Concen: 19.983 ug/l

RT: 14.50 min Scan# 1417

Delta R.T. -0.01 min

Lab File: VF062862.D

Acq: 5 Jun 2019 13:47

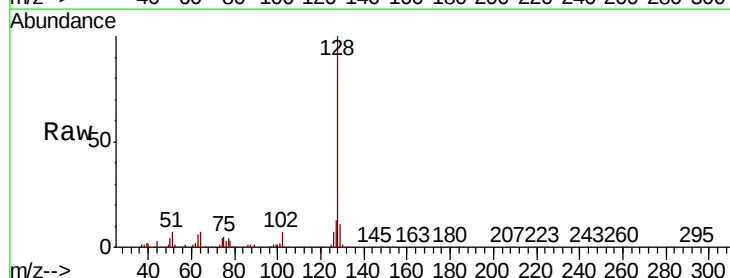
Tgt Ion:128 Resp: 322181

Ion Ratio Lower Upper

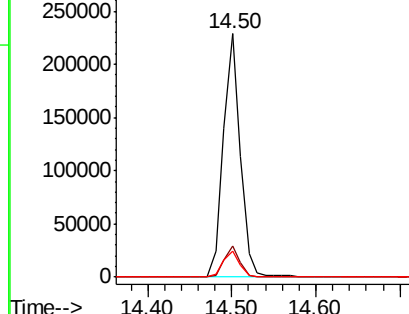
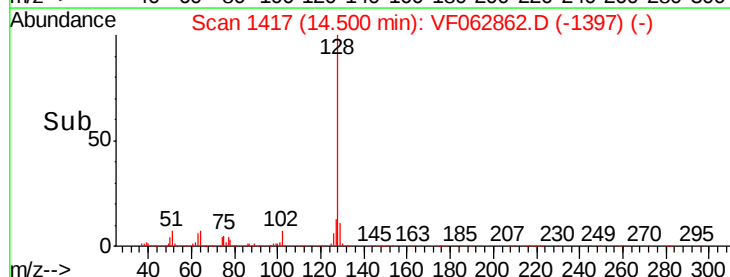
128 100

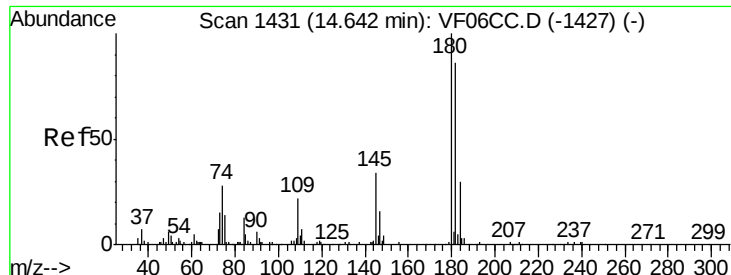
127 12.6 9.7 14.5

129 10.9 9.4 14.2



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





#96
 1,2,3-Trichlorobenzene
 Concen: 20.842 ug/l
 RT: 14.65 min Scan# 1432
 Delta R.T. 0.00 min
 Lab File: VF062862.D
 Acq: 5 Jun 2019 13:47

Instrument :
 MSVOA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
180	100		
182	90.0	48.6	145.9
145	25.5	15.7	47.0

