

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF041919\
 Data File : VF062218.D
 Acq On : 19 Apr 2019 10:25
 Operator : FY/SY
 Sample : VSTDCCC050
 Misc : 5.00g/5mL/MSVOA F/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Quant Time: Apr 19 16:01:01 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82F041719S.M
 Quant Title : SW846 8260
 QLast Update : Fri Apr 19 03:56:19 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.05	168	469506	50.00	ug/l	0.02
34) 1,4-Difluorobenzene	5.78	114	694307	50.00	ug/l	0.02
63) Chlorobenzene-d5	9.91	117	562991	50.00	ug/l	0.02
72) 1,4-Dichlorobenzene-d4	12.62	152	276233	50.00	ug/l	0.01
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.03	65	212082	49.26	ug/l	0.02
Spiked Amount 50.000			Recovery	=	98.52%	
35) Dibromofluoromethane	4.32	113	278027	45.78	ug/l	0.02
Spiked Amount 50.000			Recovery	=	91.56%	
50) Toluene-d8	7.72	98	764256	49.71	ug/l	0.02
Spiked Amount 50.000			Recovery	=	99.42%	
62) 4-Bromofluorobenzene	11.50	95	282326	47.74	ug/l	0.02
Spiked Amount 50.000			Recovery	=	95.48%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.00	85	300940	42.178	ug/l	100
3) Chloromethane	1.15	50	317691	43.078	ug/l	99
4) Vinyl Chloride	1.19	62	279895	44.176	ug/l	99
5) Bromomethane	1.41	94	168352	45.739	ug/l	89
6) Chloroethane	1.45	64	120083	45.336	ug/l	95
7) Trichlorofluoromethane	1.56	101	362619	45.050	ug/l	94
8) Diethyl Ether	1.71	74	72666	43.376	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	1.92	101	246182	44.770	ug/l	99
10) Methyl Iodide	1.99	142	443441	45.394	ug/l #	89
11) Tert butyl alcohol	2.70	59	70546	235.739	ug/l	97
12) 1,1-Dichloroethene	1.88	96	230437	44.060	ug/l	97
13) Acrolein	2.10	56	35904	274.582	ug/l	88
14) Allyl chloride	2.20	41	223794	37.285	ug/l	97
15) Acrylonitrile	3.09	53	219231	240.528	ug/l	99
16) Acetone	2.35	43	313916	305.058	ug/l	96
17) Carbon Disulfide	1.92	76	650308m	44.746	ug/l	
18) Methyl Acetate	2.46	43	100233	44.584	ug/l	94
19) Methyl tert-butyl Ether	2.55	73	415673	45.014	ug/l	97
20) Methylene Chloride	2.34	84	225209m	43.782	ug/l	
21) trans-1,2-Dichloroethene	2.42	96	223357m	43.185	ug/l	
22) Diisopropyl ether	2.94	45	660918	43.046	ug/l	98
23) Vinyl Acetate	3.35	43	1725358	235.859	ug/l	100
24) 1,1-Dichloroethane	3.01	63	381775	45.455	ug/l	99
25) 2-Butanone	4.53	43	533853	259.454	ug/l	97
26) 2,2-Dichloropropane	3.77	77	185890	43.838	ug/l	100
27) cis-1,2-Dichloroethene	3.64	96	308412	46.047	ug/l	96
28) Bromochloromethane	3.90	49	171979	42.745	ug/l #	95
29) Tetrahydrofuran	4.27	42	203801	218.825	ug/l	97
30) Chloroform	4.05	83	475116	46.029	ug/l	100
31) Cyclohexane	3.88	56	433319m	43.051	ug/l	
32) 1,1,1-Trichloroethane	4.30	97	340623m	45.082	ug/l	
36) 1,1-Dichloropropene	4.47	75	372572	44.757	ug/l	99
37) Ethyl Acetate	4.32	43	163959	41.740	ug/l #	100
38) Carbon Tetrachloride	4.19	117	296954	40.302	ug/l	96

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF041919\
 Data File : VF062218.D
 Acq On : 19 Apr 2019 10:25
 Operator : FY/SY
 Sample : VSTDCCC050
 Misc : 5.00µ/5mL/MSVOA F/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Quant Time: Apr 19 16:01:01 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82F041719S.M
 Quant Title : SW846 8260
 QLast Update : Fri Apr 19 03:56:19 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	5.64	83	509468	51.116	ug/l	96
40) Benzene	4.83	78	958192	43.885	ug/l	98
41) Methacrylonitrile	4.94	41	97405	42.989	ug/l	96
42) 1,2-Dichloroethane	5.13	62	281090	48.697	ug/l	98
43) Isopropyl Acetate	7.11	43	174302	42.190	ug/l	98
44) Trichloroethene	5.69	130	299908	50.831	ug/l	100
45) 1,2-Dichloropropane	6.41	63	222192	46.198	ug/l	99
46) Dibromomethane	6.27	93	149955	46.862	ug/l	96
47) Bromodichloromethane	6.55	83	332982	46.113	ug/l	99
48) Methyl methacrylate	6.88	41	118579	43.674	ug/l	99
49) 1,4-Dioxane	6.87	88	28740	922.990	ug/l #	92
51) 4-Methyl-2-Pentanone	8.41	43	709062	230.749	ug/l	99
52) Toluene	7.78	92	581061	50.486	ug/l	99
53) t-1,3-Dichloropropene	8.43	75	265058	48.871	ug/l	98
54) cis-1,3-Dichloropropene	7.46	75	349464	47.635	ug/l	98
55) 1,1,2-Trichloroethane	8.64	97	169355	52.525	ug/l	96
56) Ethyl methacrylate	8.76	69	179375	48.932	ug/l	98
57) 1,3-Dichloropropane	9.00	76	266549	51.196	ug/l	100
58) 2-Chloroethyl Vinyl ether	7.45	63	256659	241.150	ug/l	96
59) 2-Hexanone	9.63	43	507883	265.033	ug/l	94
60) Dibromochloromethane	8.86	129	264172	55.092	ug/l	98
61) 1,2-Dibromoethane	9.14	107	196465	54.085	ug/l	99
64) Tetrachloroethene	8.31	164	247352	48.670	ug/l	99
65) Chlorobenzene	9.93	112	601411	50.098	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.06	131	257825	45.862	ug/l	99
67) Ethyl Benzene	10.03	91	1007736	46.165	ug/l	99
68) m/p-Xylenes	10.26	106	755561	94.025	ug/l	94
69) o-Xylene	10.82	106	408349	45.769	ug/l	100
70) Styrene	10.89	104	553463	43.958	ug/l	98
71) Bromoform	10.88	173	138383	46.623	ug/l #	99
73) Isopropylbenzene	11.22	105	1145905	48.292	ug/l	99
74) N-amyl acetate	11.45	43	248646	43.896	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.77	83	195991	48.028	ug/l	100
76) 1,2,3-Trichloropropane	11.88	75	132049	47.033	ug/l #	1
77) Bromobenzene	11.58	156	262550	51.651	ug/l	94
78) n-propylbenzene	11.68	91	1162350	46.435	ug/l	98
79) 2-Chlorotoluene	11.80	91	721297	47.503	ug/l	97
80) 1,3,5-Trimethylbenzene	11.90	105	937752	47.450	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.94	75	66166m	46.210	ug/l	
82) 4-Chlorotoluene	11.97	91	682209	46.490	ug/l	97
83) tert-Butylbenzene	12.20	119	977571	47.832	ug/l	97
84) 1,2,4-Trimethylbenzene	12.27	105	905801	47.363	ug/l	98
85) sec-Butylbenzene	12.37	105	1222271	46.065	ug/l	99
86) p-Isopropyltoluene	12.52	119	1081718	48.060	ug/l	99
87) 1,3-Dichlorobenzene	12.54	146	458500	48.608	ug/l	99
88) 1,4-Dichlorobenzene	12.62	146	446732	49.100	ug/l	98
89) n-Butylbenzene	12.90	91	956311	51.857	ug/l	99
90) Hexachloroethane	12.98	117	285205	49.346	ug/l	94
91) 1,2-Dichlorobenzene	13.00	146	442588	48.593	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.69	75	38151	47.584	ug/l	91

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA F\DATA\VF041919\
Data File : VF062218.D
Acq On : 19 Apr 2019 10:25
Operator : FY/SY
Sample : VSTDCCC050
Misc : 5.00g/5mL/MSVOA F/SOIL
ALS Vial : 2 Sample Multiplier: 1

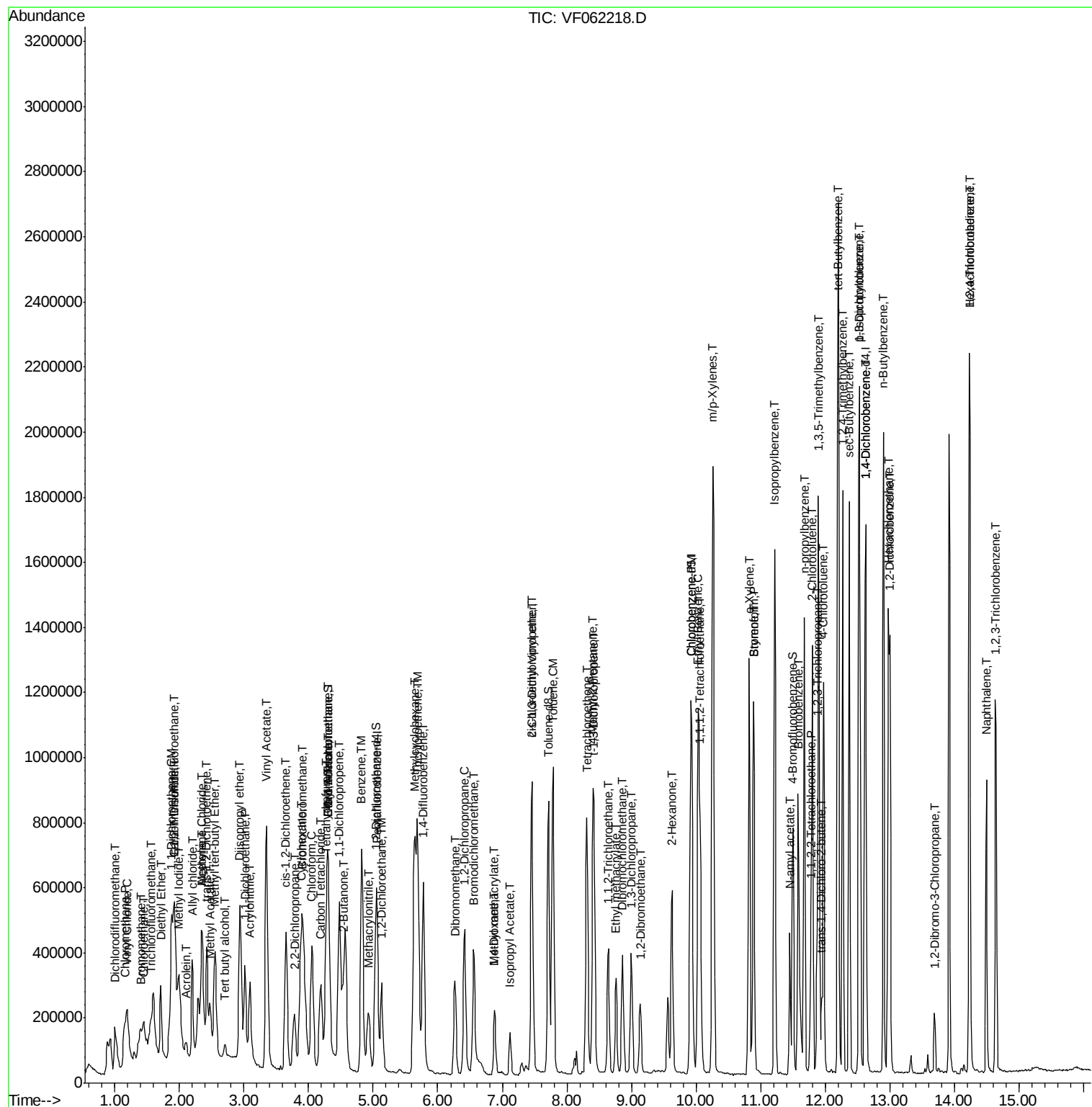
Quant Time: Apr 19 16:01:01 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82F041719S.M
Quant Title : SW846 8260
QLast Update : Fri Apr 19 03:56:19 2019
Response via : Initial Calibration

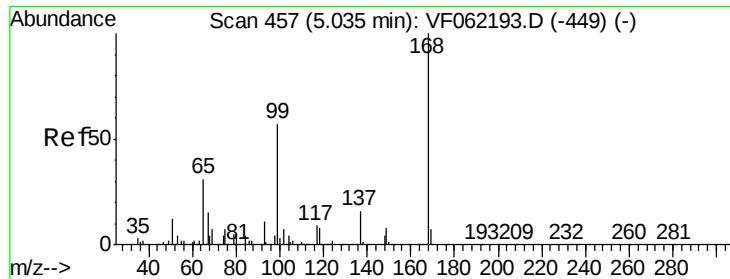
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.24	180	377173	49.494	ug/l	98
94) Hexachlorobutadiene	14.23	225	262999	50.331	ug/l	100
95) Naphthalene	14.50	128	646975	48.554	ug/l	100
96) 1,2,3-Trichlorobenzene	14.65	180	370173	50.597	ug/l	99

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

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA F\DATA\VF041919\
 Data File : VF062218.D
 Acq On : 19 Apr 2019 10:25
 Operator : FY/SY
 Sample : VSTDCCC050
 Misc : 5.00µ/5mL/MSVOA F/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Quant Time: Apr 19 16:01:01 2019
 Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82F041719S.M
 Quant Title : SW846 8260
 QLast Update : Fri Apr 19 03:56:19 2019
 Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.05 min Scan# 459

Delta R.T. 0.02 min

Lab File: VF062218.D

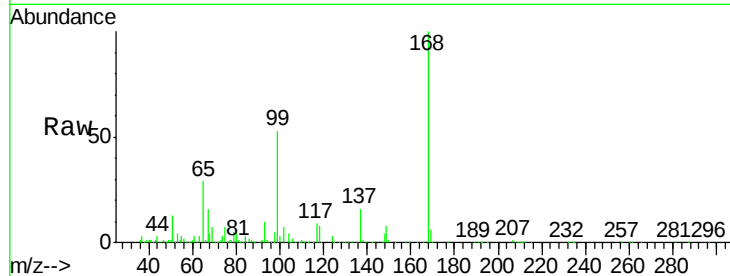
Acq: 19 Apr 2019 10:25

Tot Ion:168 Resp: 469506

Ion Ratio Lower Upper

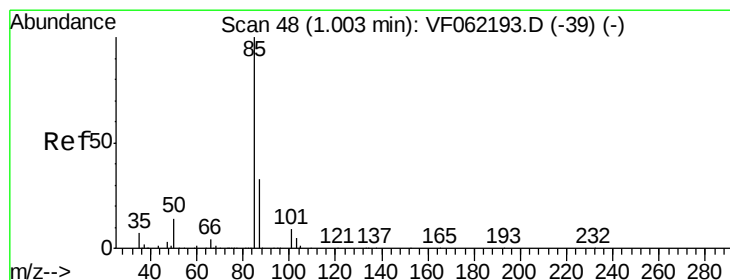
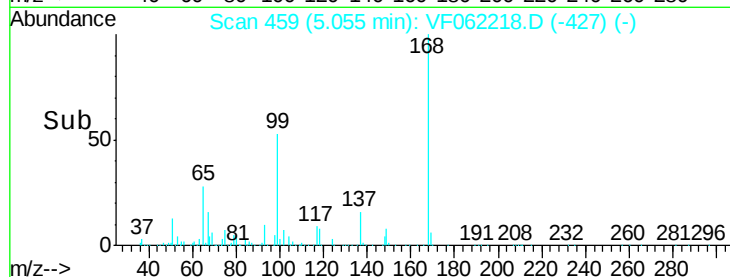
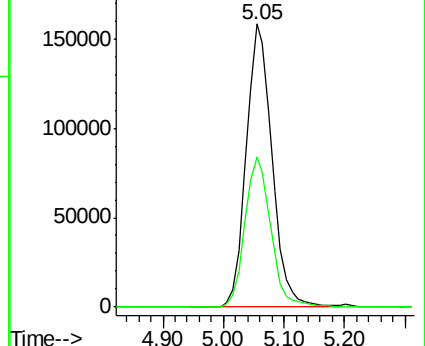
168 100

99 52.9 45.5 68.3



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VF0



#2

Dichlorodifluoromethane

Concen: 42.178 ug/l

RT: 1.00 min Scan# 48

Delta R.T. 0.00 min

Lab File: VF062218.D

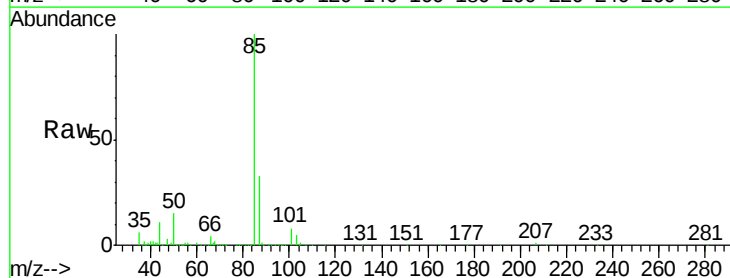
Acq: 19 Apr 2019 10:25

Tgt Ion: 85 Resp: 300940

Ion Ratio Lower Upper

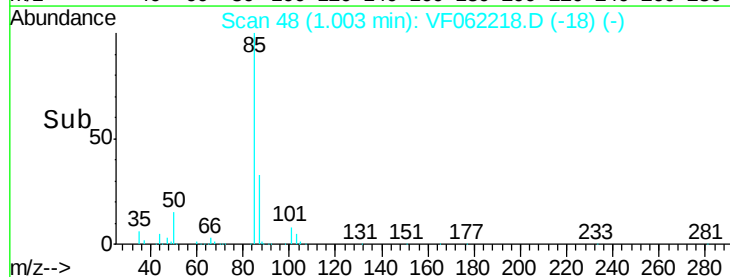
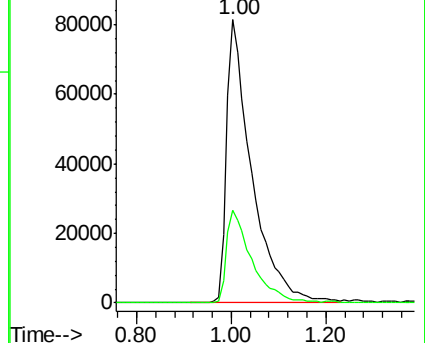
85 100

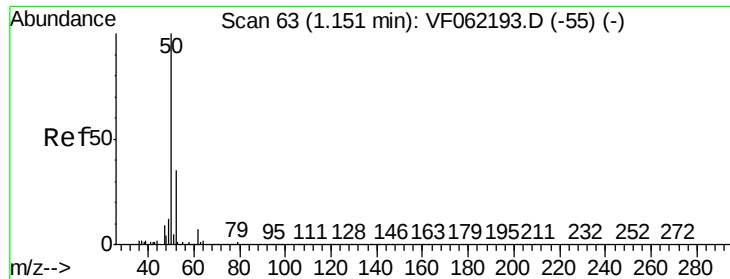
87 32.7 16.4 49.1



Abundance Ion 84.90 (84.60 to 85.60): VF0

Ion 86.90 (86.60 to 87.60): VF0





#3

Chloromethane

Concen: 43.078 ug/l

RT: 1.15 min Scan# 63

Delta R.T. 0.00 min

Lab File: VF062218.D

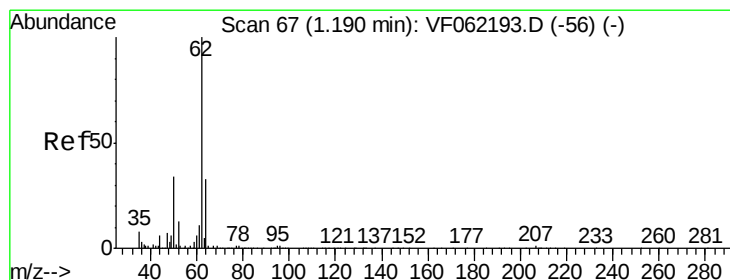
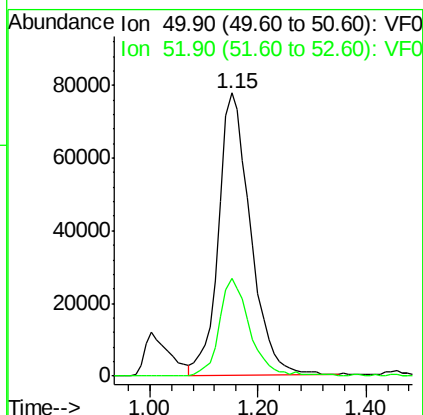
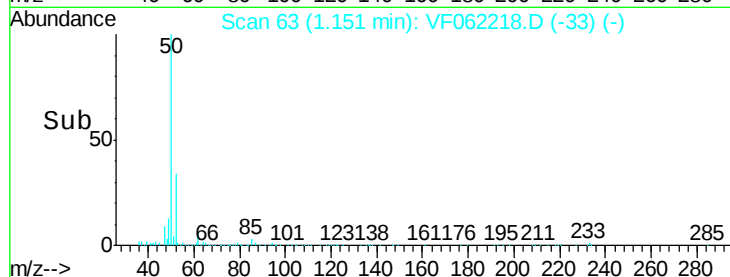
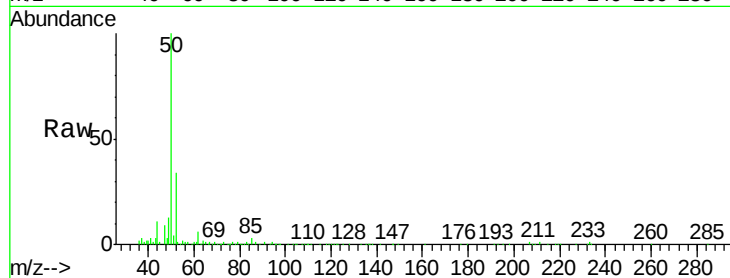
Acq: 19 Apr 2019 10:25

Tot Ion: 50 Resp: 317691

Ion Ratio Lower Upper

50 100

52 34.3 27.0 40.4



#4

Vinyl Chloride

Concen: 44.176 ug/l

RT: 1.19 min Scan# 67

Delta R.T. 0.00 min

Lab File: VF062218.D

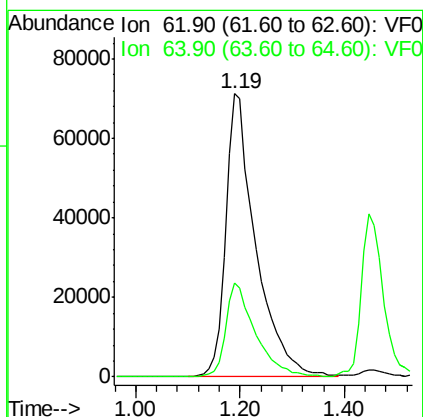
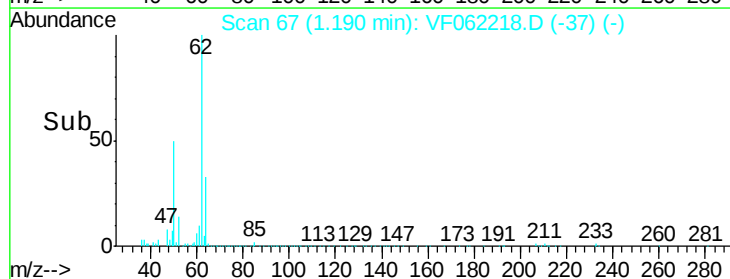
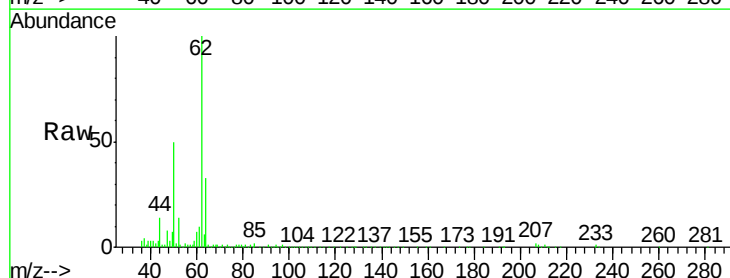
Acq: 19 Apr 2019 10:25

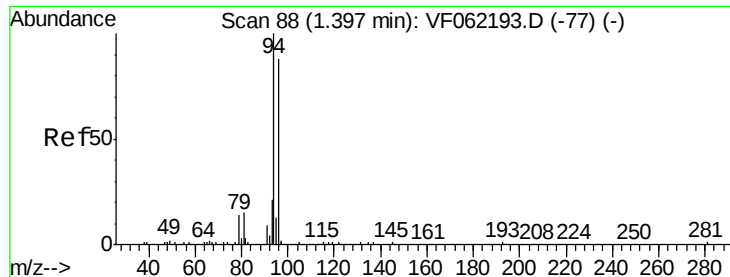
Tgt Ion: 62 Resp: 279895

Ion Ratio Lower Upper

62 100

64 33.3 26.2 39.4





#5

Bromomethane

Concen: 45.739 ug/l

RT: 1.41 min Scan# 89

Delta R.T. 0.01 min

Lab File: VF062218.D

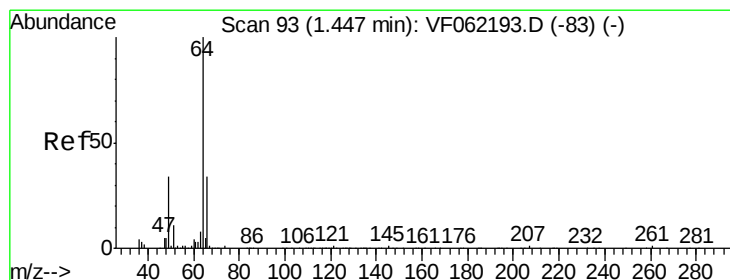
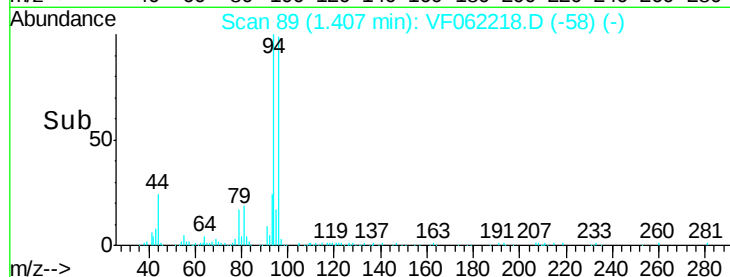
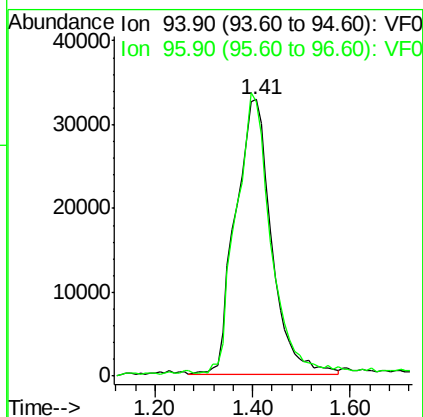
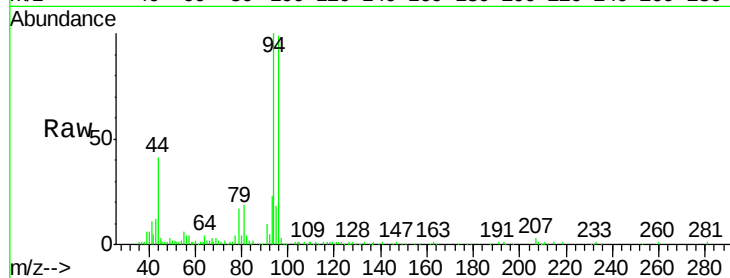
Acq: 19 Apr 2019 10:25

Tot Ion: 94 Resp: 168352

Ion Ratio Lower Upper

94 100

96 97.9 70.2 105.4



#6

Chloroethane

Concen: 45.336 ug/l

RT: 1.45 min Scan# 93

Delta R.T. 0.00 min

Lab File: VF062218.D

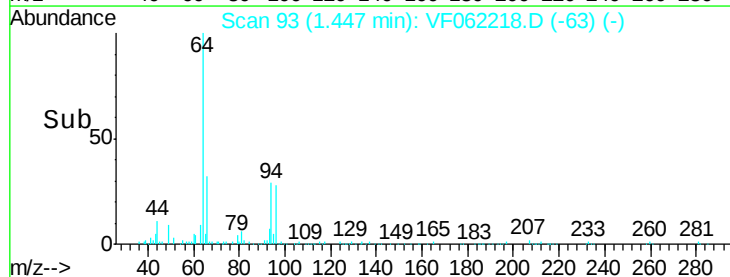
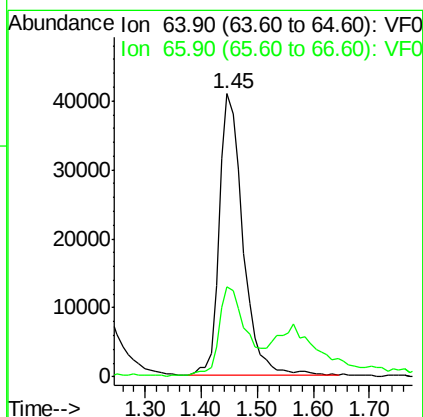
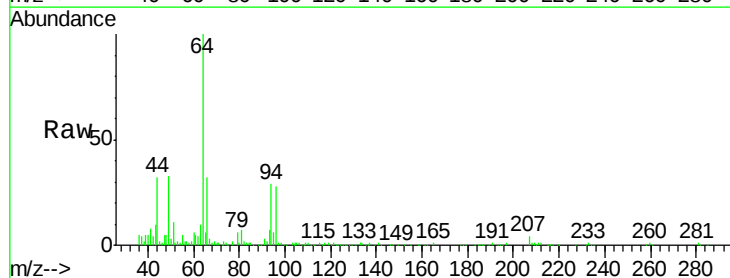
Acq: 19 Apr 2019 10:25

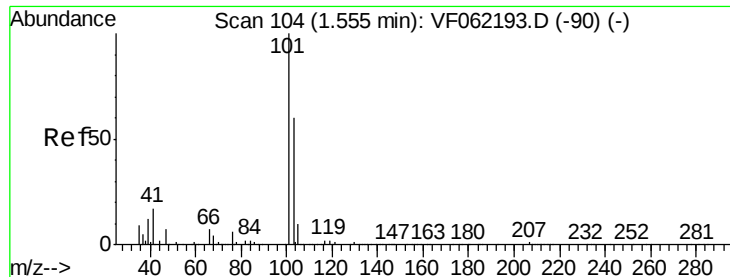
Tgt Ion: 64 Resp: 120083

Ion Ratio Lower Upper

64 100

66 31.0 27.0 40.4

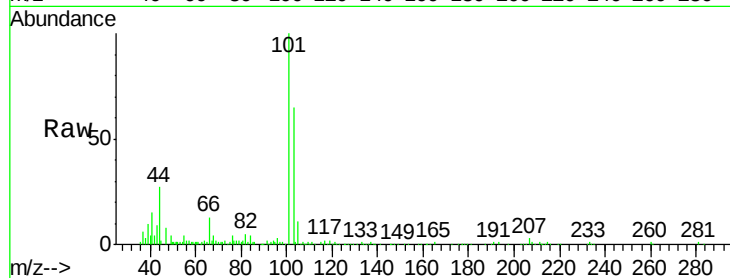




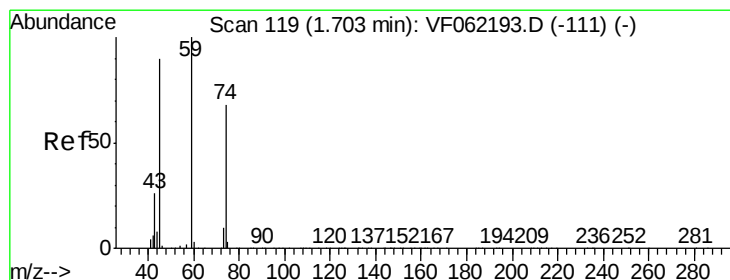
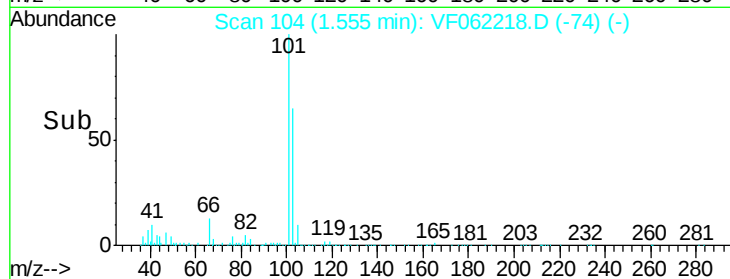
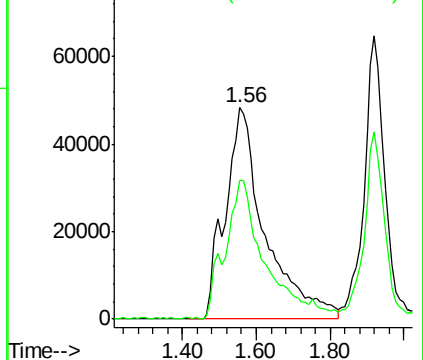
#7

Trichlorofluoromethane
Concen: 45.050 ug/l
RT: 1.56 min Scan# 104
Delta R.T. 0.00 min
Lab File: VF062218.D
Acq: 19 Apr 2019 10:25

Tot Ion:101 Resp: 362619
Ion Ratio Lower Upper
101 100
103 64.7 48.2 72.4



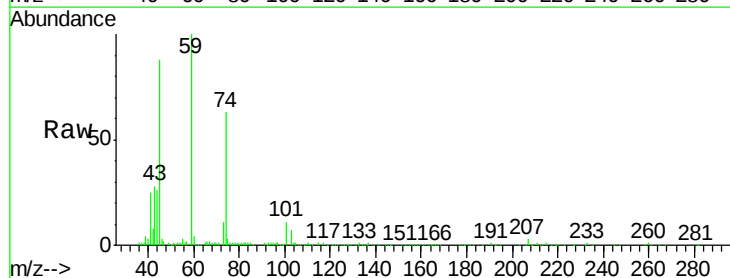
Abundance Ion 100.90 (100.60 to 101.60): V
Ion 102.80 (102.50 to 103.50): V



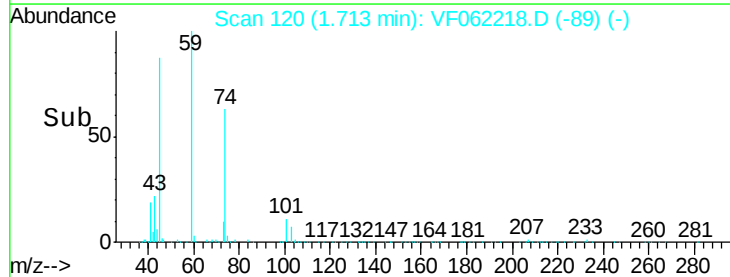
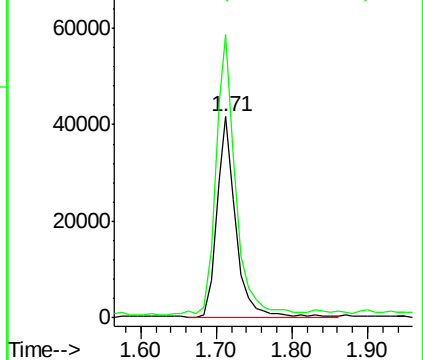
#8

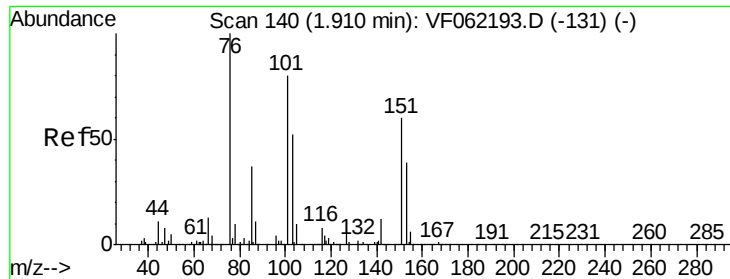
Diethyl Ether
Concen: 43.376 ug/l
RT: 1.71 min Scan# 120
Delta R.T. 0.01 min
Lab File: VF062218.D
Acq: 19 Apr 2019 10:25

Tgt Ion: 74 Resp: 72666
Ion Ratio Lower Upper
74 100
45 143.9 70.0 210.2



Abundance Ion 74.00 (73.70 to 74.70): VF0
Ion 45.00 (44.70 to 45.70): VF0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 44.770 ug/l

RT: 1.92 min Scan# 141

Delta R.T. 0.01 min

Lab File: VF062218.D

Acq: 19 Apr 2019 10:25

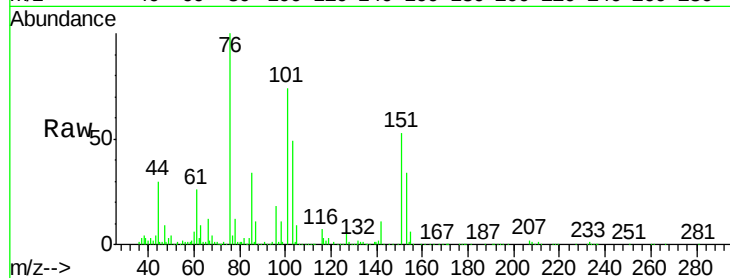
Tot Ion:101 Resp: 246182

Ion Ratio Lower Upper

101 100

85 43.3 35.3 52.9

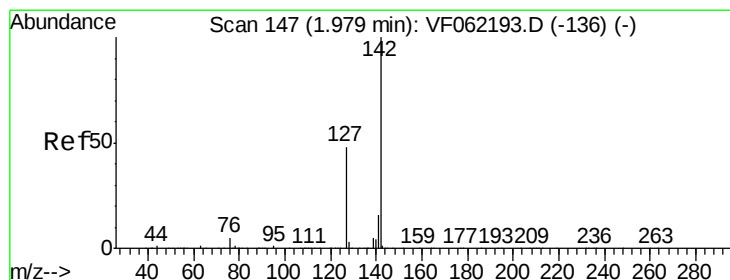
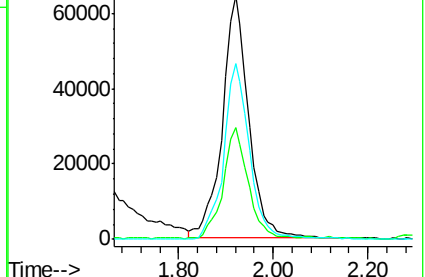
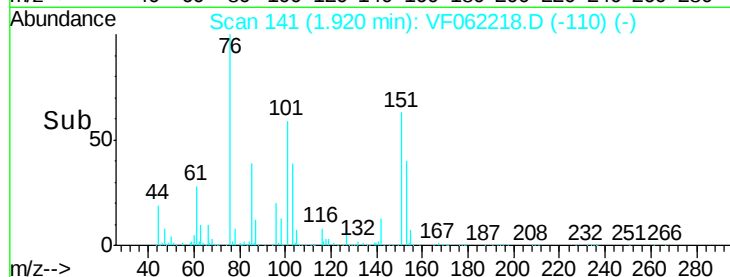
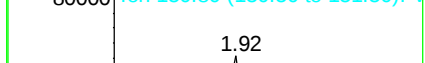
151 71.0 57.5 86.3



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VF0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 45.394 ug/l

RT: 1.99 min Scan# 148

Delta R.T. 0.01 min

Lab File: VF062218.D

Acq: 19 Apr 2019 10:25

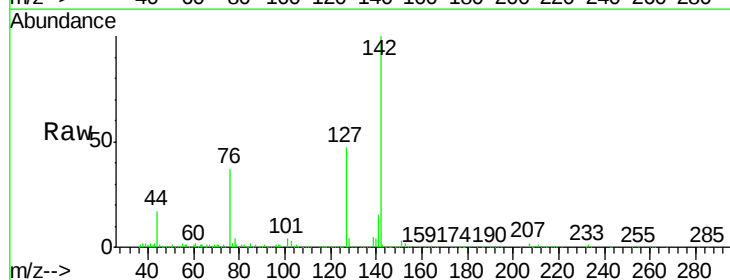
Tgt Ion:142 Resp: 443441

Ion Ratio Lower Upper

142 100

127 49.4 33.0 49.4#

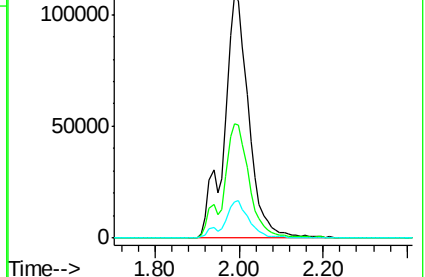
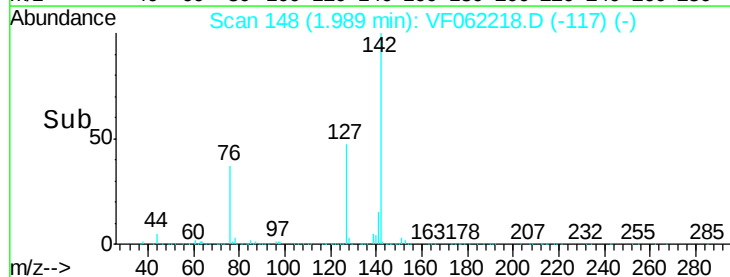
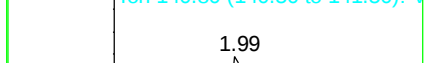
141 13.3 12.7 19.1

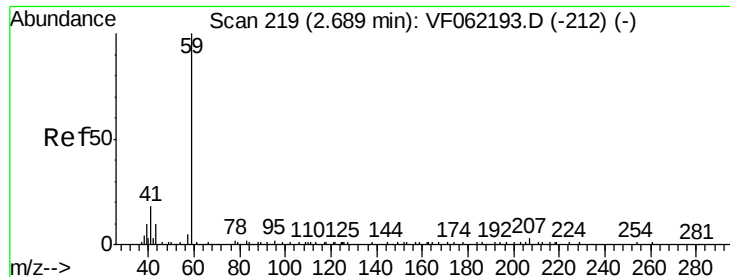


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

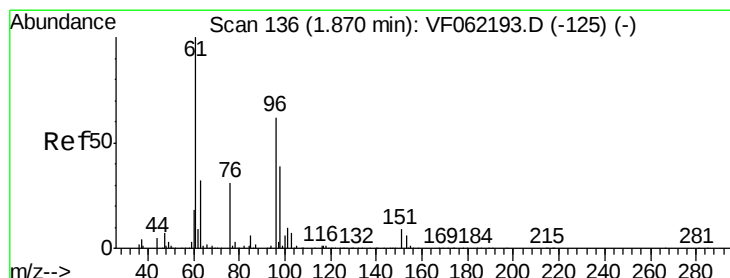
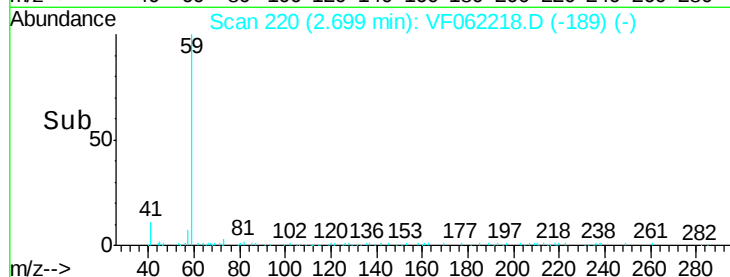
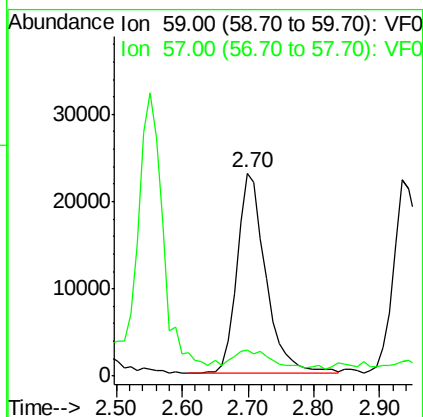
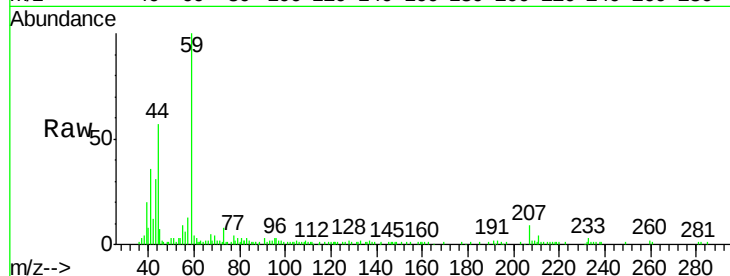




#11

Tert butyl alcohol
Concen: 235.739 ug/l
RT: 2.70 min Scan# 220
Delta R.T. 0.01 min
Lab File: VF062218.D
Acq: 19 Apr 2019 10:25

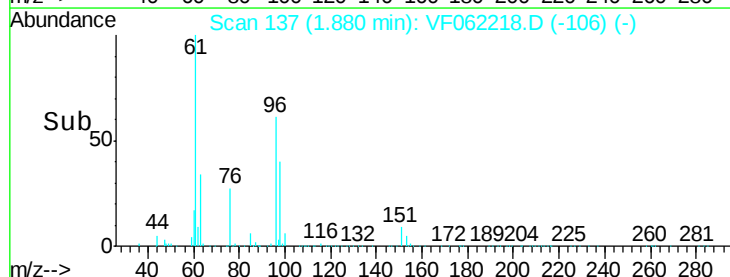
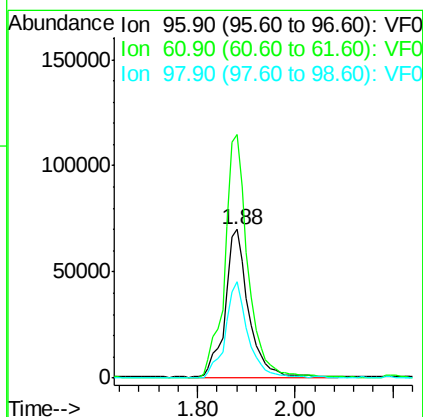
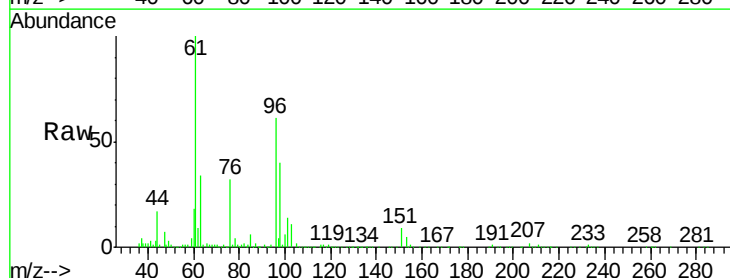
Tot Ion: 59 Resp: 70546
Ion Ratio Lower Upper
59 100
57 12.9 9.3 13.9

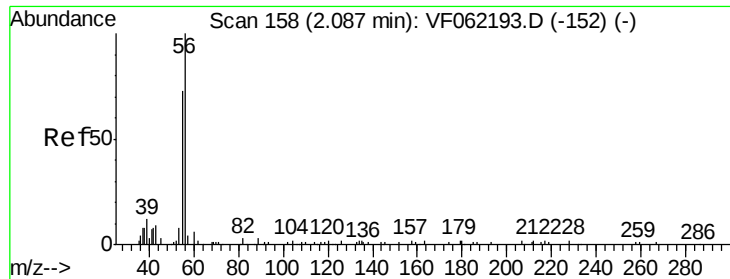


#12

1,1-Dichloroethene
Concen: 44.060 ug/l
RT: 1.88 min Scan# 137
Delta R.T. 0.01 min
Lab File: VF062218.D
Acq: 19 Apr 2019 10:25

Tgt Ion: 96 Resp: 230437
Ion Ratio Lower Upper
96 100
61 164.8 129.1 193.7
98 65.3 50.0 75.0





#13

Acrolein

Concen: 274.582 ug/l

RT: 2.10 min Scan# 159

Delta R.T. 0.01 min

Lab File: VF062218.D

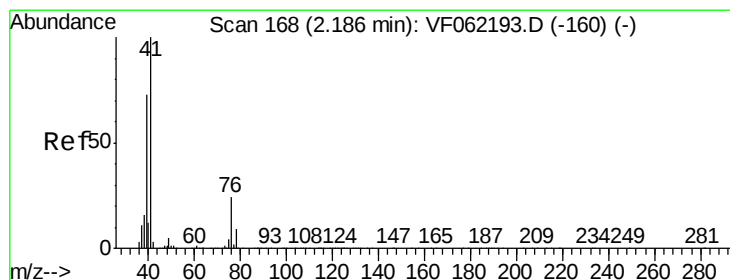
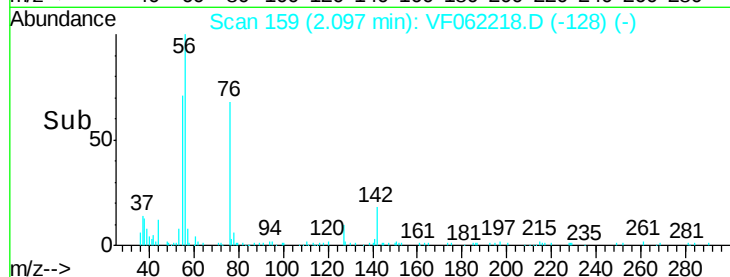
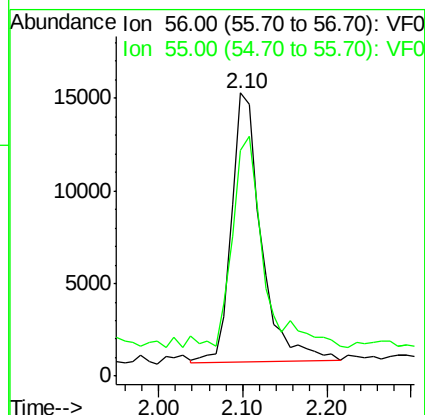
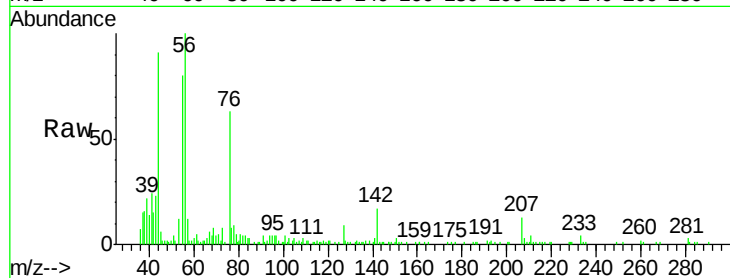
Acq: 19 Apr 2019 10:25

Tot Ion: 56 Resp: 35904

Ion Ratio Lower Upper

56 100

55 81.8 57.4 86.0



#14

Allyl chloride

Concen: 37.285 ug/l

RT: 2.20 min Scan# 169

Delta R.T. 0.01 min

Lab File: VF062218.D

Acq: 19 Apr 2019 10:25

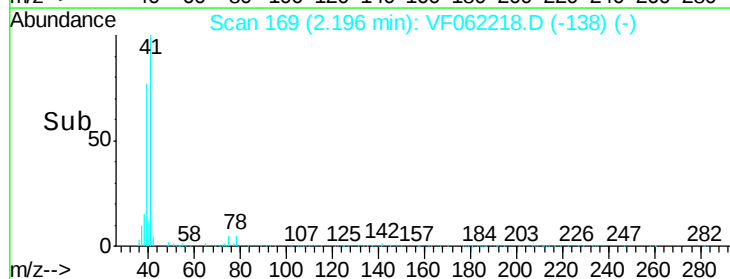
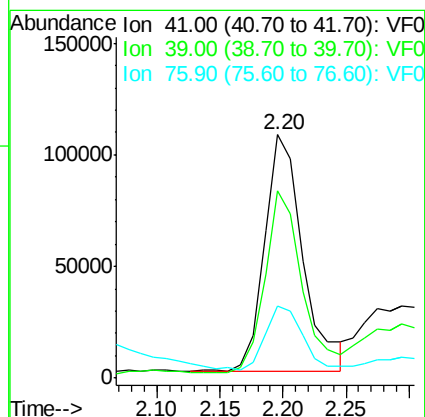
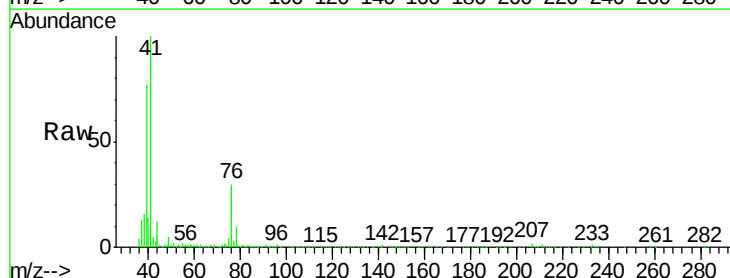
Tgt Ion: 41 Resp: 223794

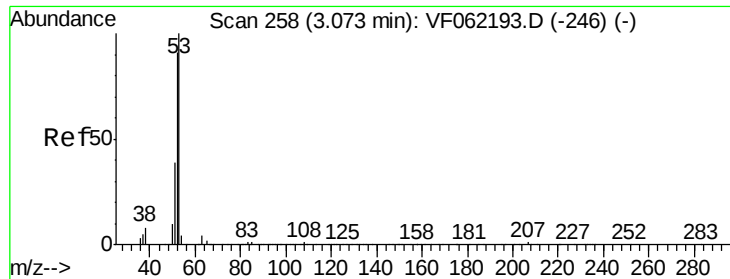
Ion Ratio Lower Upper

41 100

39 76.2 60.0 90.0

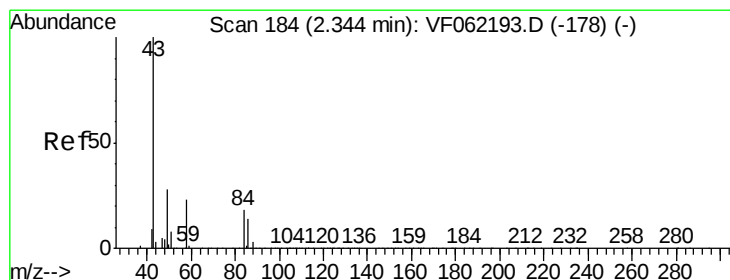
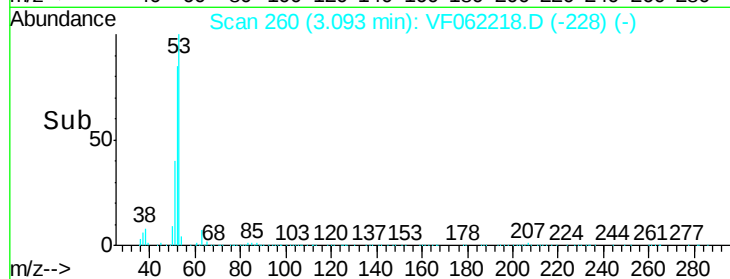
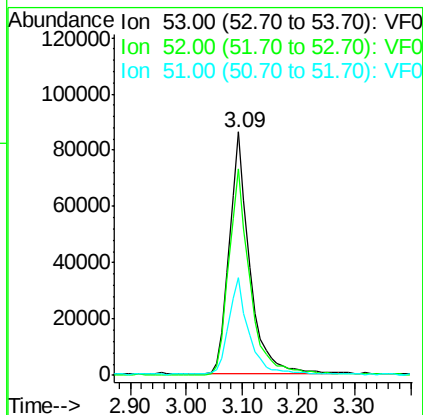
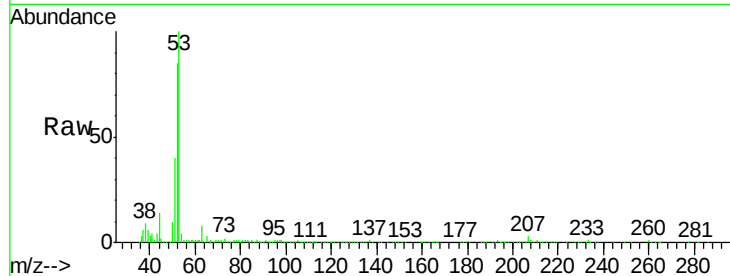
76 29.2 20.6 30.8





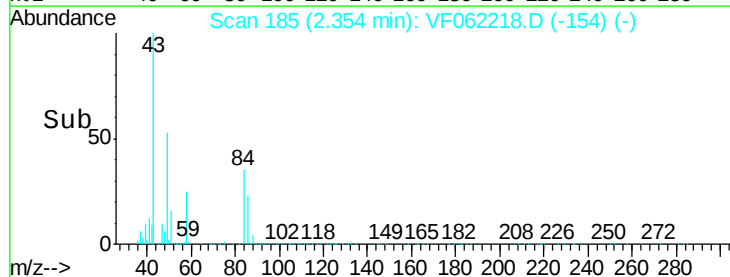
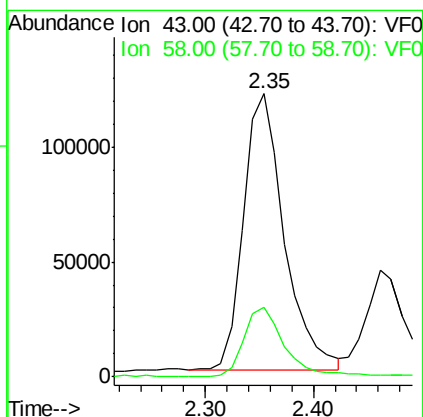
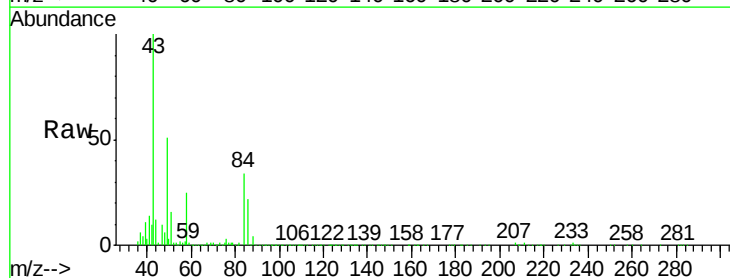
#15
 Acrylonitrile
 Concen: 240.528 ug/l
 RT: 3.09 min Scan# 260
 Delta R.T. 0.02 min
 Lab File: VF062218.D
 Acq: 19 Apr 2019 10:25

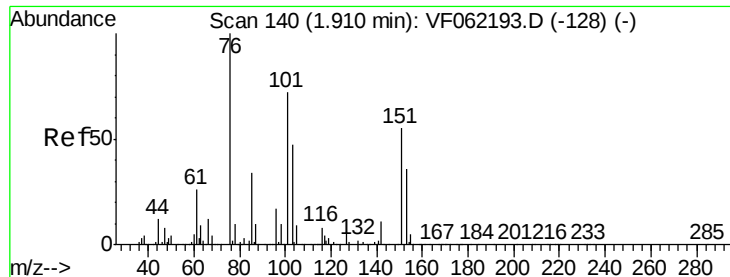
Tot Ion:	53	Resp:	219231
Ion	Ratio	Lower	Upper
53	100		
52	87.0	69.5	104.3
51	38.9	31.8	47.8



#16
 Acetone
 Concen: 305.058 ug/l
 RT: 2.35 min Scan# 185
 Delta R.T. 0.01 min
 Lab File: VF062218.D
 Acq: 19 Apr 2019 10:25

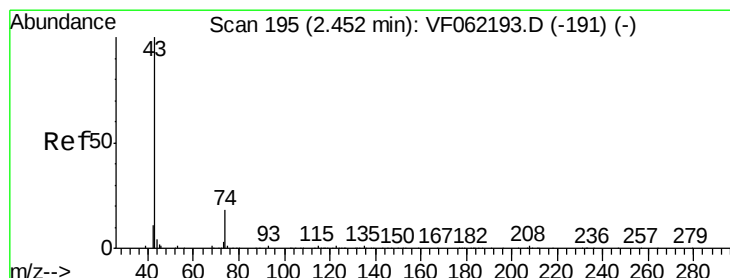
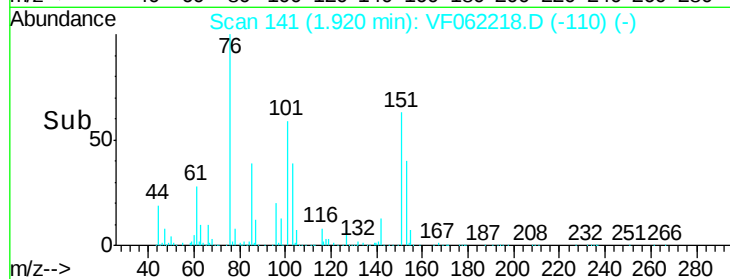
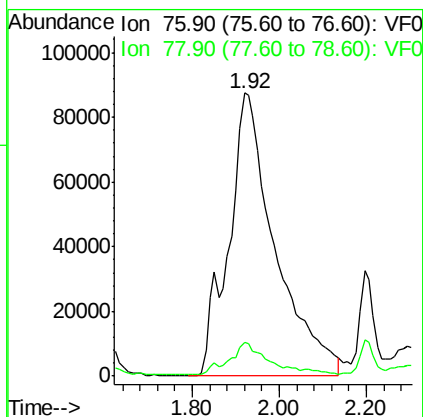
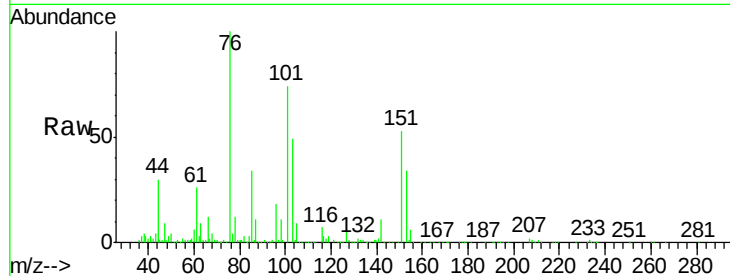
Tgt Ion:	43	Resp:	313916
Ion	Ratio	Lower	Upper
43	100		
58	25.3	18.8	28.2





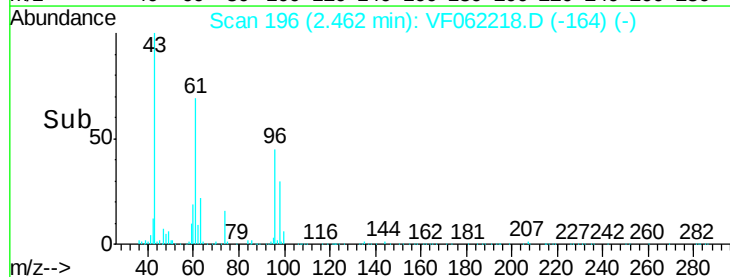
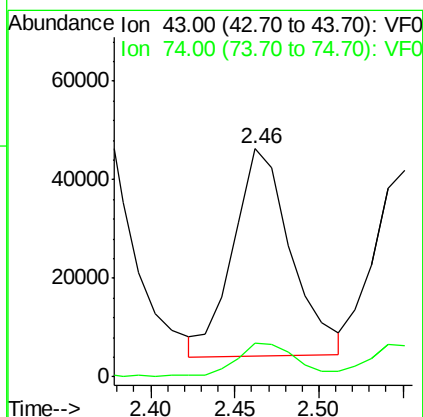
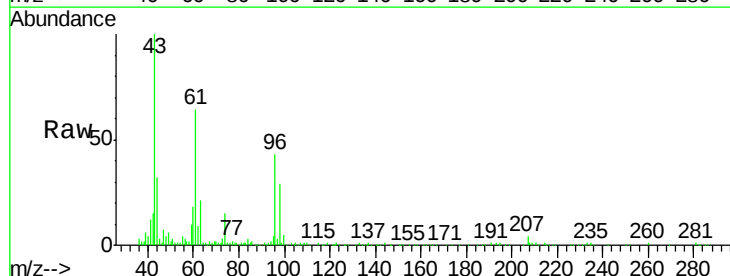
#17
Carbon Disulfide
Concen: 44.746 ug/l m
RT: 1.92 min Scan# 141
Delta R.T. 0.01 min
Lab File: VF062218.D
Acq: 19 Apr 2019 10:25

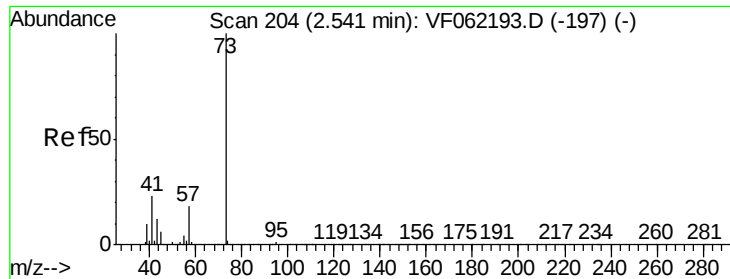
Tot Ion: 76 Resp: 650308
Ion Ratio Lower Upper
76 100
78 11.8 8.7 13.1



#18
Methyl Acetate
Concen: 44.584 ug/l
RT: 2.46 min Scan# 196
Delta R.T. 0.01 min
Lab File: VF062218.D
Acq: 19 Apr 2019 10:25

Tgt Ion: 43 Resp: 100233
Ion Ratio Lower Upper
43 100
74 15.6 14.5 21.7

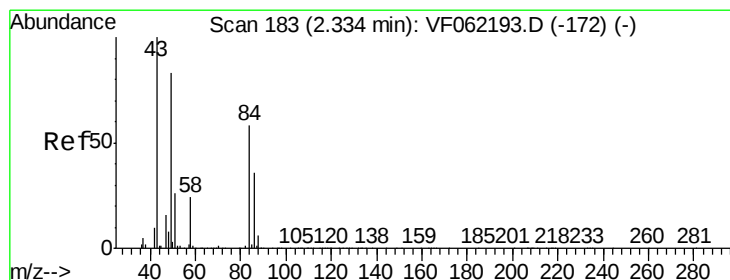
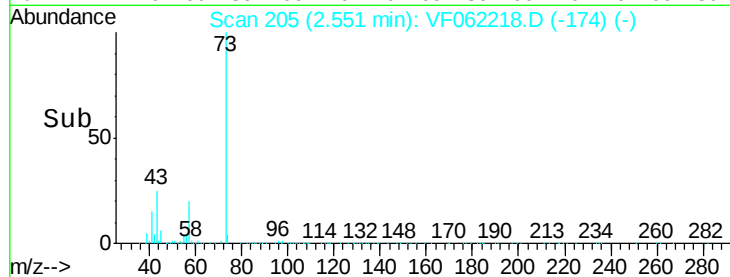
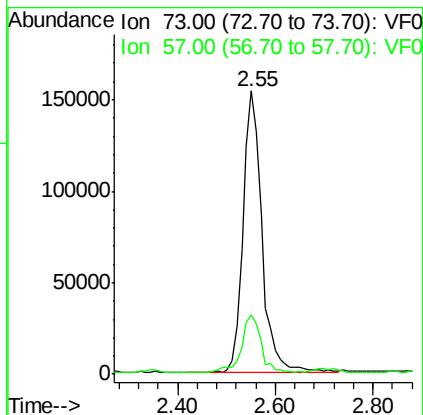
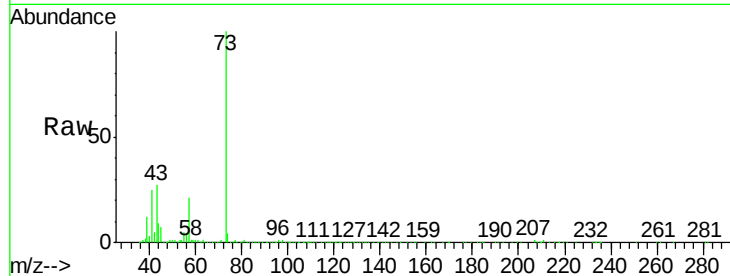




#19

Methyl tert-butyl Ether
 Concen: 45.014 ug/l
 RT: 2.55 min Scan# 205
 Delta R.T. 0.01 min
 Lab File: VF062218.D
 Acq: 19 Apr 2019 10:25

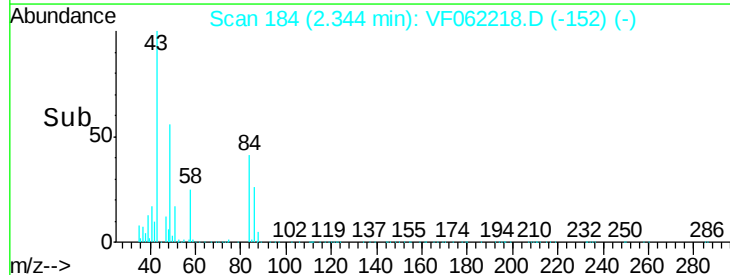
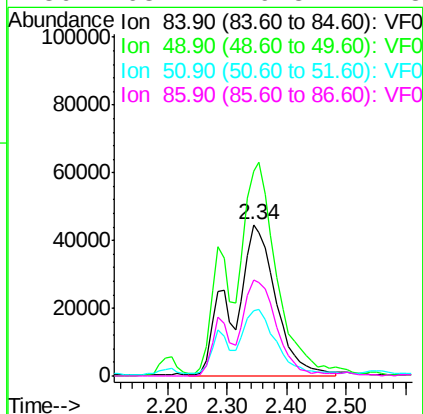
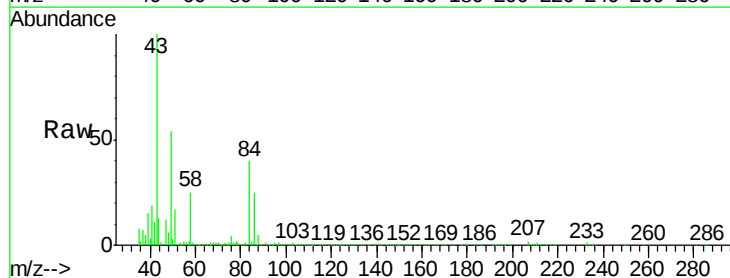
Tot Ion: 73 Resp: 415673
 Ion Ratio Lower Upper
 73 100
 57 20.4 15.1 22.7

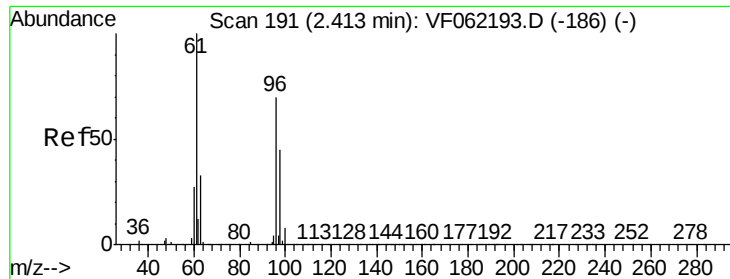


#20

Methylene Chloride
 Concen: 43.782 ug/l m
 RT: 2.34 min Scan# 184
 Delta R.T. 0.01 min
 Lab File: VF062218.D
 Acq: 19 Apr 2019 10:25

Tgt Ion: 84 Resp: 225209
 Ion Ratio Lower Upper
 84 100
 49 135.7 114.0 171.0
 51 42.9 37.0 55.4
 86 63.1 49.8 74.8





#21

trans-1,2-Dichloroethene

Concen: 43.185 ug/l m

RT: 2.42 min Scan# 192

Delta R.T. 0.01 min

Lab File: VF062218.D

Acq: 19 Apr 2019 10:25

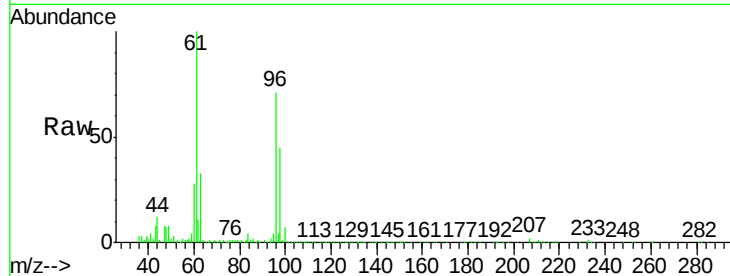
Tot Ion: 96 Resp: 223357

Ion Ratio Lower Upper

96 100

61 139.9 114.6 172.0

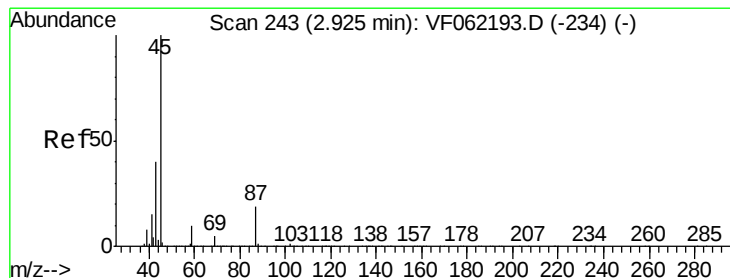
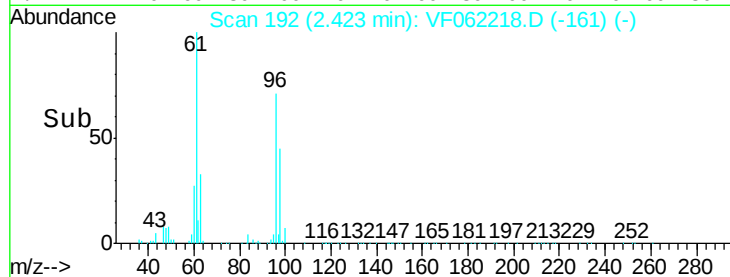
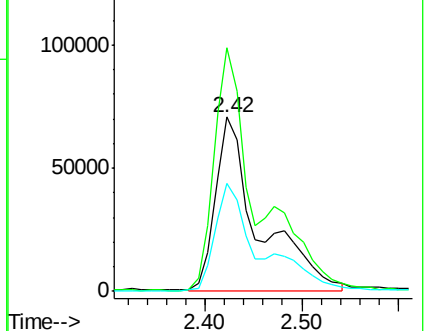
98 62.4 51.2 76.8



Abundance Ion 95.90 (95.60 to 96.60): VF0

Ion 60.90 (60.60 to 61.60): VF0

Ion 97.90 (97.60 to 98.60): VF0



#22

Diisopropyl ether

Concen: 43.046 ug/l

RT: 2.94 min Scan# 244

Delta R.T. 0.01 min

Lab File: VF062218.D

Acq: 19 Apr 2019 10:25

Tgt Ion: 45 Resp: 660918

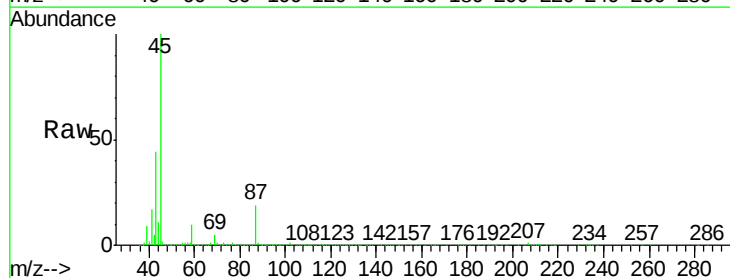
Ion Ratio Lower Upper

45 100

43 42.7 32.8 49.2

87 19.0 15.2 22.8

59 10.2 7.8 11.6

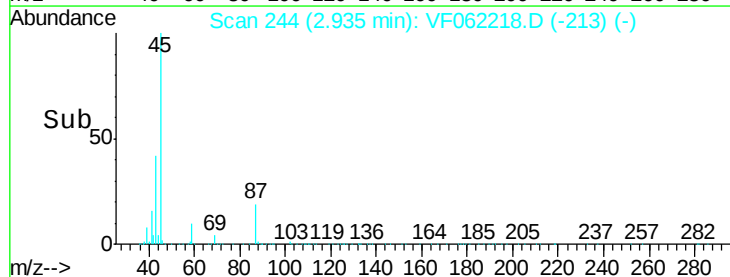
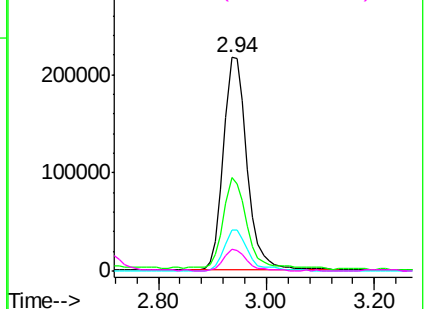


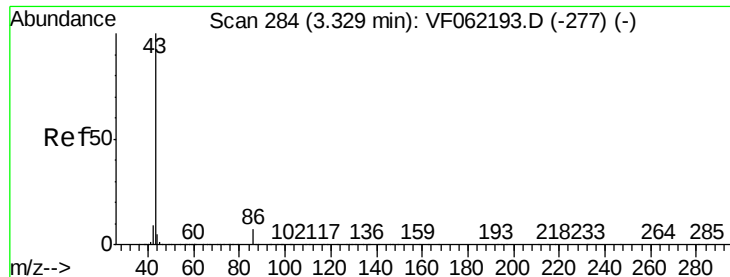
Abundance Ion 45.00 (44.70 to 45.70): VF0

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: 235.859 ug/l

RT: 3.35 min Scan# 286

Delta R.T. 0.02 min

Lab File: VF062218.D

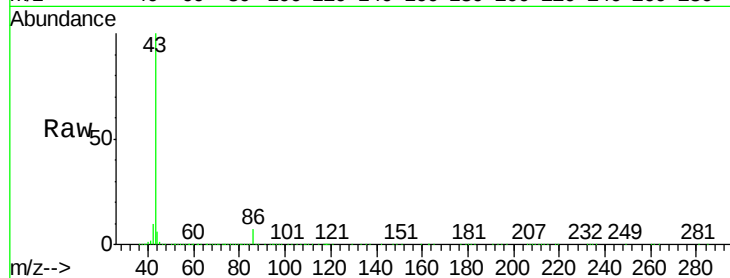
Acq: 19 Apr 2019 10:25

Tot Ion: 43 Resp: 1725358

Ion Ratio Lower Upper

43 100

86 7.5 5.9 8.9



Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 86.00 (85.70 to 86.70): VF0

3.35

600000

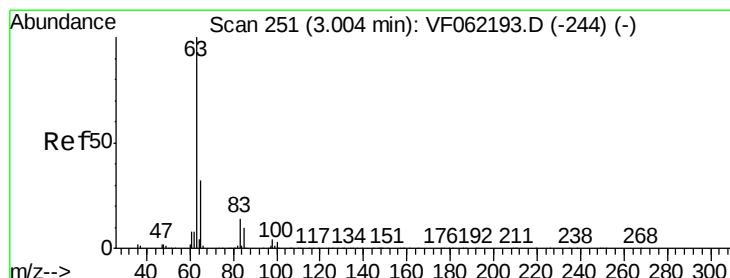
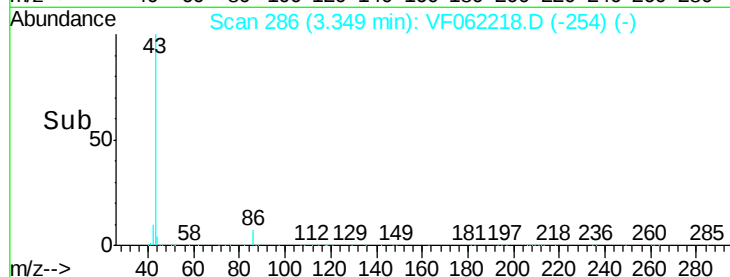
400000

200000

0

Time-->

3.20 3.40 3.60



#24

1,1-Dichloroethane

Concen: 45.455 ug/l

RT: 3.01 min Scan# 252

Delta R.T. 0.01 min

Lab File: VF062218.D

Acq: 19 Apr 2019 10:25

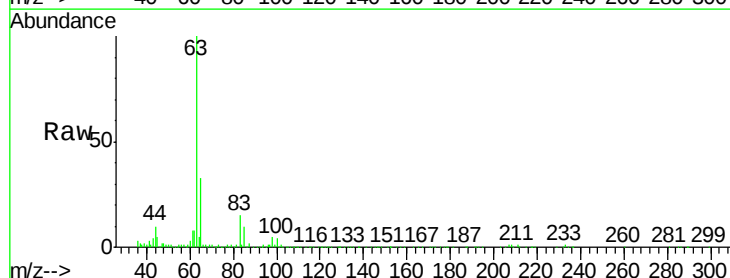
Tgt Ion: 63 Resp: 381775

Ion Ratio Lower Upper

63 100

98 4.7 2.3 6.8

100 3.5 1.7 5.0



Abundance Ion 62.90 (62.60 to 63.60): VF0

Ion 97.90 (97.60 to 98.60): VF0

Ion 99.90 (99.60 to 100.60): VF0

150000

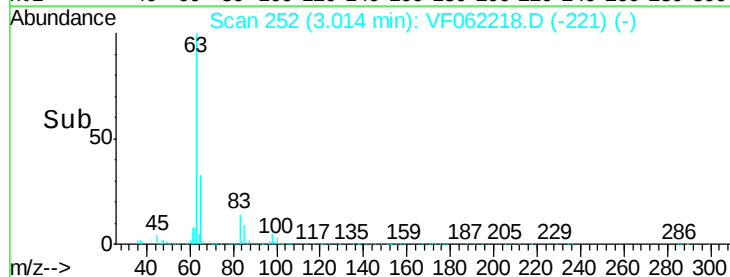
100000

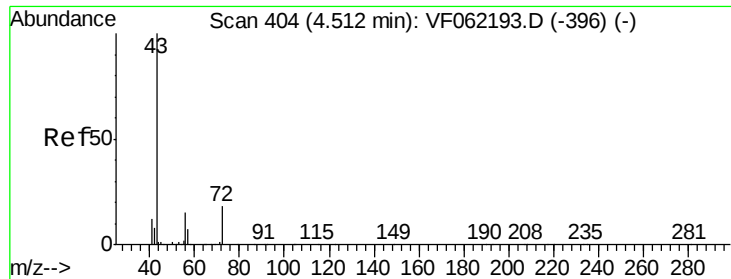
50000

0

Time-->

2.80 3.00 3.20





#25

2-Butanone

Concen: 259.454 ug/l

RT: 4.53 min Scan# 406

Delta R.T. 0.02 min

Lab File: VF062218.D

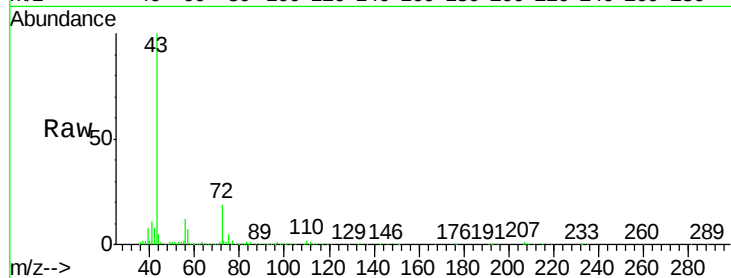
Acq: 19 Apr 2019 10:25

Tot Ion: 43 Resp: 533853

Ion Ratio Lower Upper

43 100

72 18.6 16.1 24.1



Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 72.00 (71.70 to 72.70): VF0

4.53

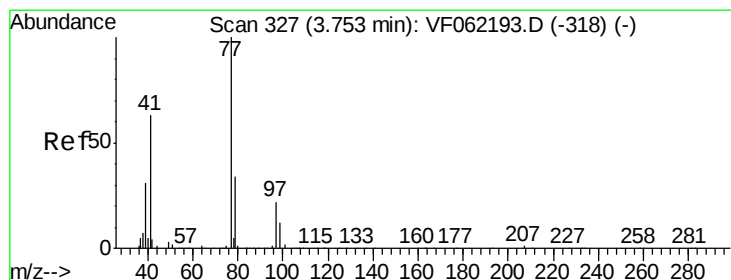
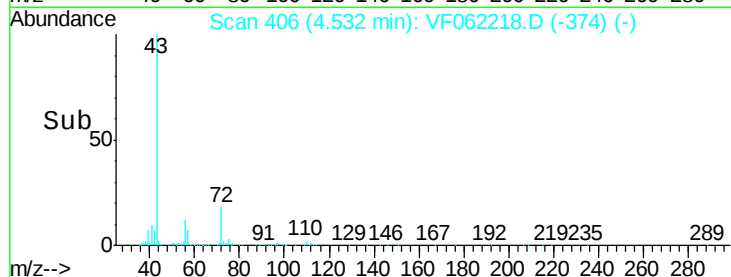
150000

100000

50000

0

Time-->



#26

2,2-Dichloropropane

Concen: 43.838 ug/l

RT: 3.77 min Scan# 329

Delta R.T. 0.02 min

Lab File: VF062218.D

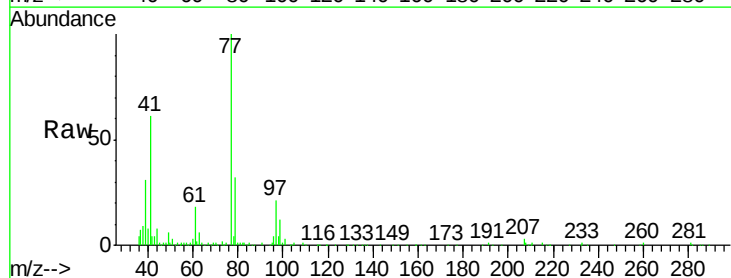
Acq: 19 Apr 2019 10:25

Tgt Ion: 77 Resp: 185890

Ion Ratio Lower Upper

77 100

97 22.2 11.1 33.3



Abundance Ion 76.90 (76.60 to 77.60): VF0

Ion 96.90 (96.60 to 97.60): VF0

3.77

60000

50000

40000

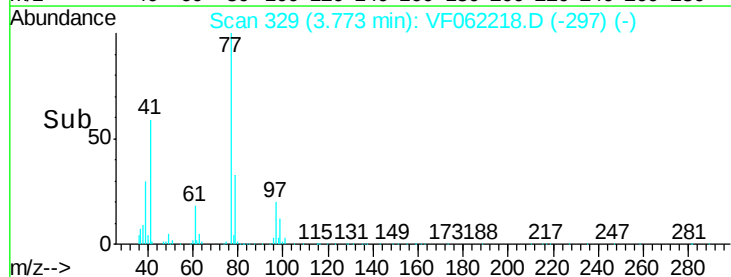
30000

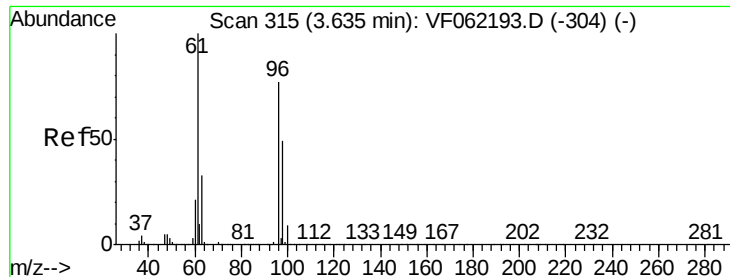
20000

10000

0

Time-->

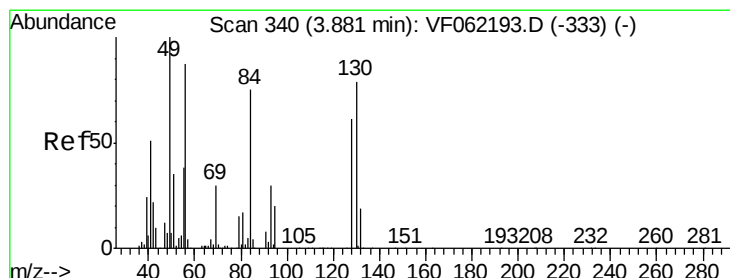
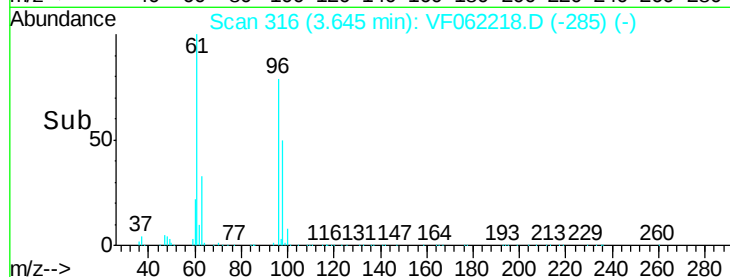
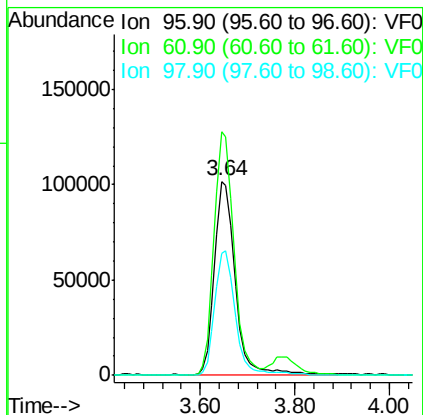
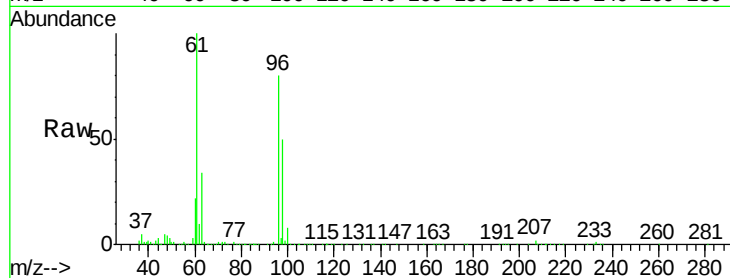




#27

cis-1,2-Dichloroethene
Concen: 46.047 ug/l
RT: 3.64 min Scan# 316
Delta R.T. 0.01 min
Lab File: VF062218.D
Acq: 19 Apr 2019 10:25

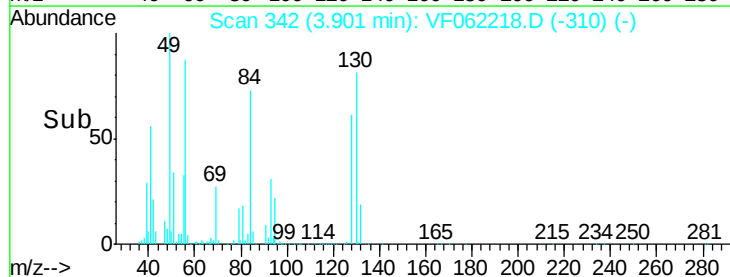
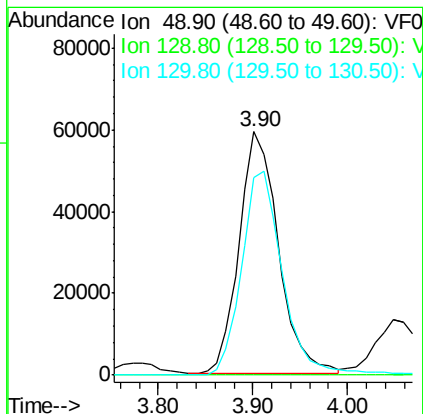
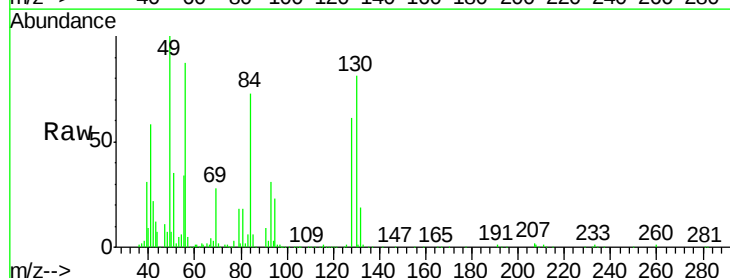
Tot Ion	Ratio	Lower	Upper
96	100		
61	120.8	0.0	253.6
98	62.4	0.0	124.8

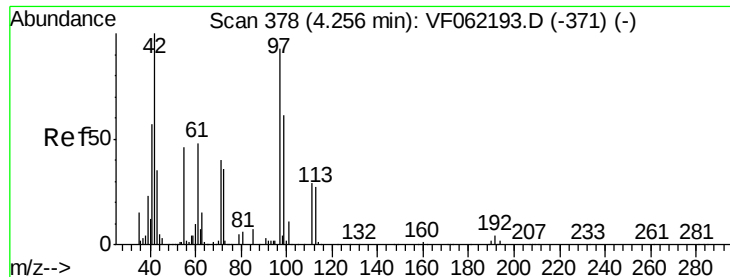


#28

Bromochloromethane
Concen: 42.745 ug/l
RT: 3.90 min Scan# 342
Delta R.T. 0.02 min
Lab File: VF062218.D
Acq: 19 Apr 2019 10:25

Tgt Ion	Ratio	Lower	Upper
49	100		
129	0.0	0.0	0.0
130	88.0	66.6	100.0





#29

Tetrahydrofuran

Concen: 218.825 ug/l

RT: 4.27 min Scan# 379

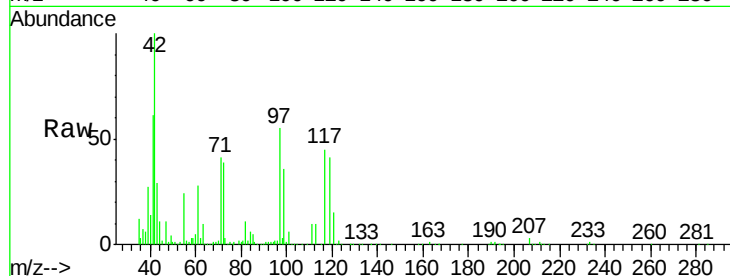
Delta R.T. 0.01 min

Lab File: VF062218.D

Acq: 19 Apr 2019 10:25

Tot Ion: 42 Resp: 203801

Ion	Ratio	Lower	Upper
42	100		
72	36.4	28.6	43.0
71	39.5	29.2	43.8

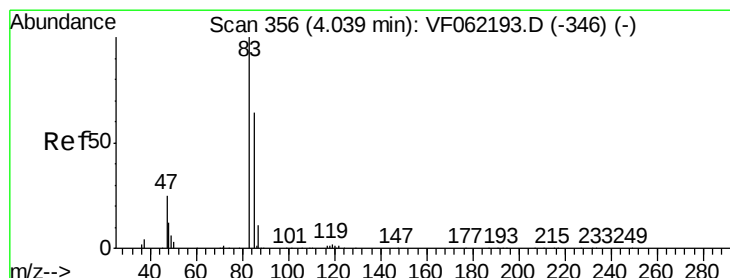
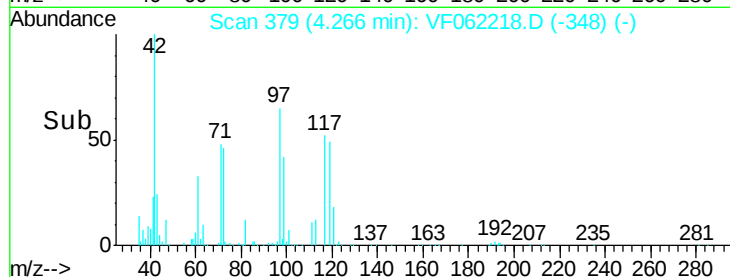
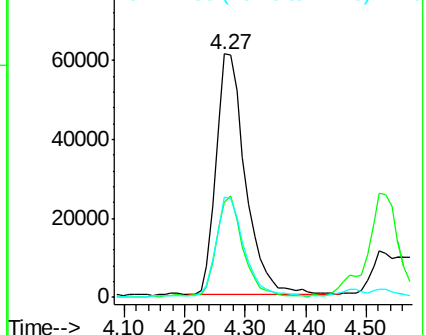


Abundance

Ion 42.00 (41.70 to 42.70): VF0

Ion 72.00 (71.70 to 72.70): VF0

Ion 71.00 (70.70 to 71.70): VF0



#30

Chloroform

Concen: 46.029 ug/l

RT: 4.05 min Scan# 357

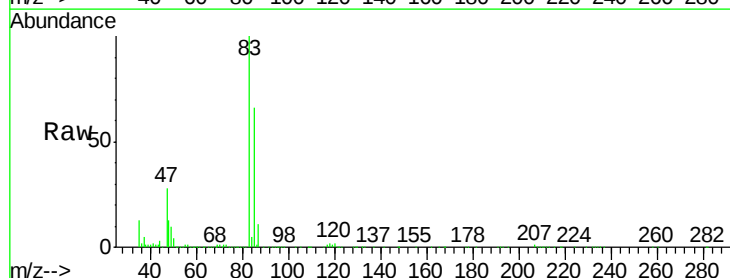
Delta R.T. 0.01 min

Lab File: VF062218.D

Acq: 19 Apr 2019 10:25

Tgt Ion: 83 Resp: 475116

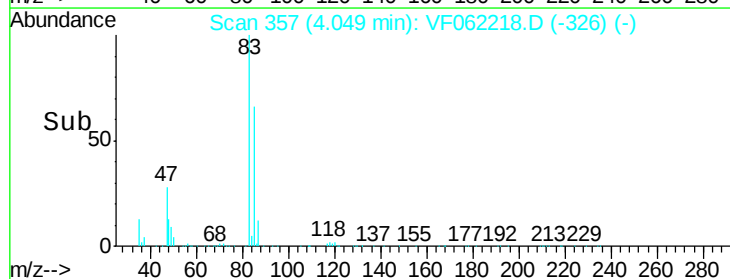
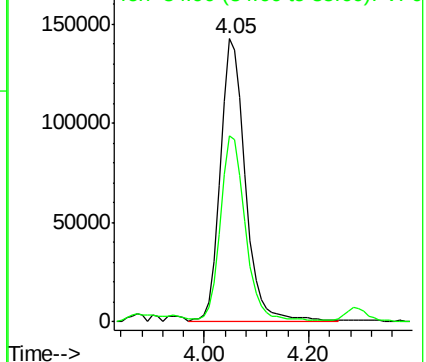
Ion	Ratio	Lower	Upper
83	100		
85	64.6	51.8	77.8

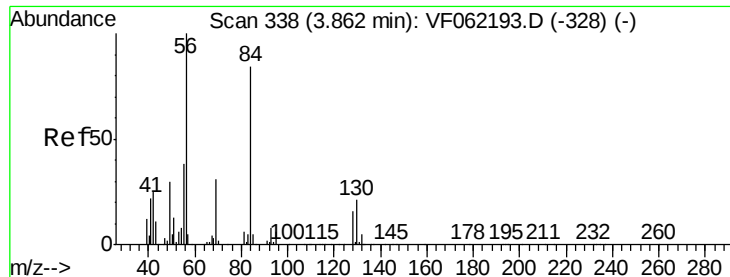


Abundance

Ion 82.90 (82.60 to 83.60): VF0

Ion 84.90 (84.60 to 85.60): VF0





#31

Cyclohexane

Concen: 43.051 ug/l m

RT: 3.88 min Scan# 340

Delta R.T. 0.02 min

Lab File: VF062218.D

Acq: 19 Apr 2019 10:25

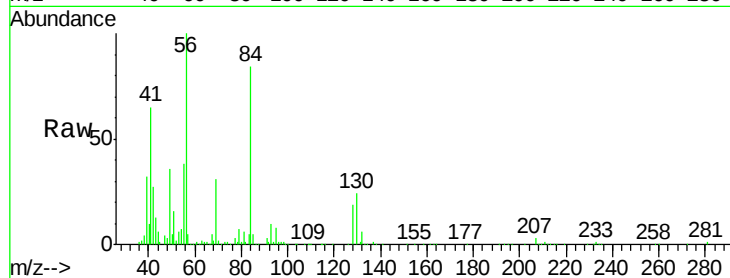
Tot Ion: 56 Resp: 433319

Ion Ratio Lower Upper

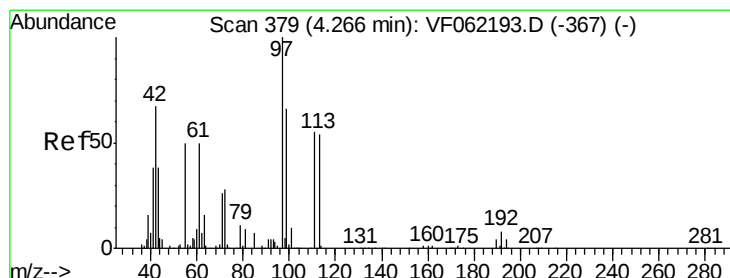
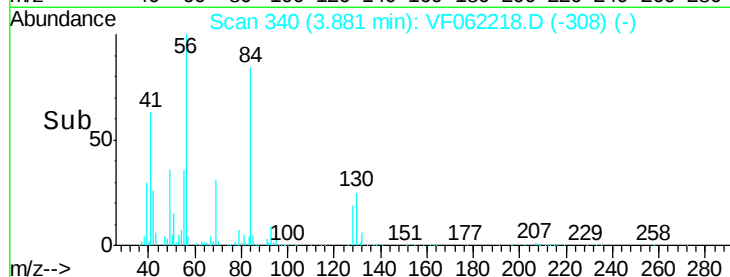
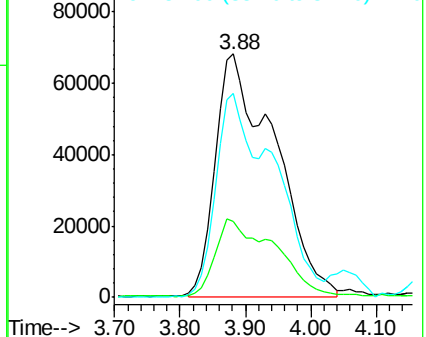
56 100

69 31.4 25.1 37.7

84 83.7 67.8 101.6



Abundance Ion 56.00 (55.70 to 56.70): VF0
Ion 69.00 (68.70 to 69.70): VF0
Ion 84.00 (83.70 to 84.70): VF0



#32

1,1,1-Trichloroethane

Concen: 45.082 ug/l m

RT: 4.30 min Scan# 382

Delta R.T. 0.03 min

Lab File: VF062218.D

Acq: 19 Apr 2019 10:25

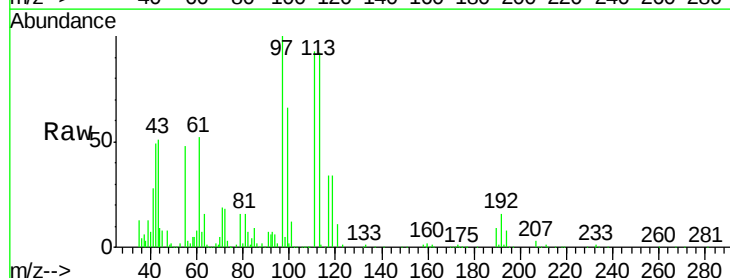
Tgt Ion: 97 Resp: 340623

Ion Ratio Lower Upper

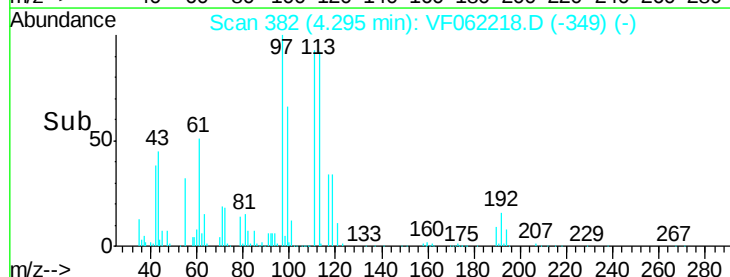
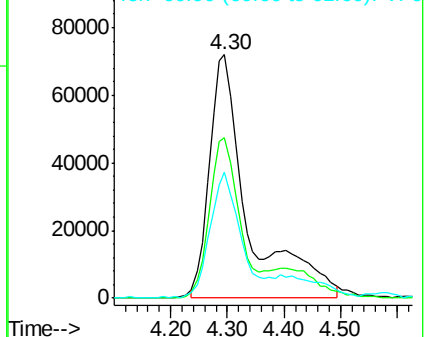
97 100

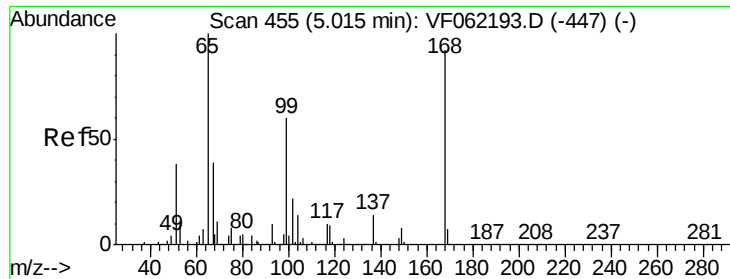
99 51.7 52.7 79.1#

61 40.5 53.0 79.4#



Abundance Ion 96.90 (96.60 to 97.60): VF0
Ion 98.90 (98.60 to 99.60): VF0
Ion 60.90 (60.60 to 61.60): VF0





#33

1,2-Dichloroethane-d4

Concen: 49.263 ug/l

RT: 5.03 min Scan# 457

Delta R.T. 0.02 min

Lab File: VF062218.D

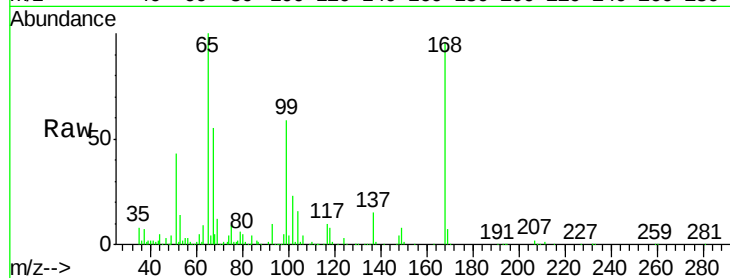
Acq: 19 Apr 2019 10:25

Tot Ion: 65 Resp: 212082

Ion Ratio Lower Upper

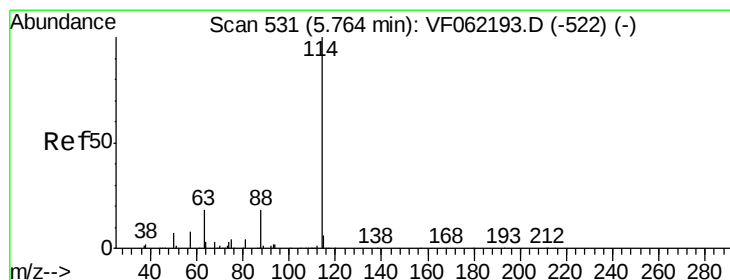
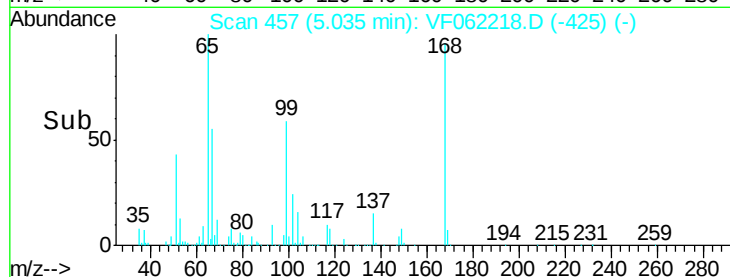
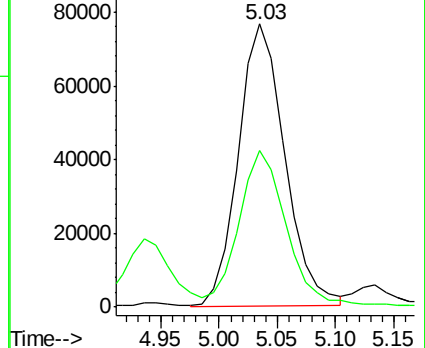
65 100

67 55.5 0.0 109.4



Abundance Ion 64.90 (64.60 to 65.60): VF0

Ion 66.90 (66.60 to 67.60): VF0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.78 min Scan# 533

Delta R.T. 0.02 min

Lab File: VF062218.D

Acq: 19 Apr 2019 10:25

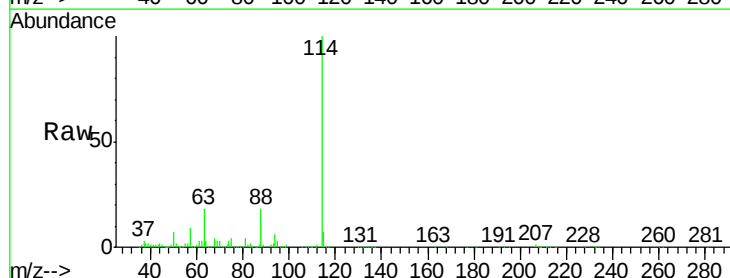
Tgt Ion: 114 Resp: 694307

Ion Ratio Lower Upper

114 100

63 18.2 0.0 36.6

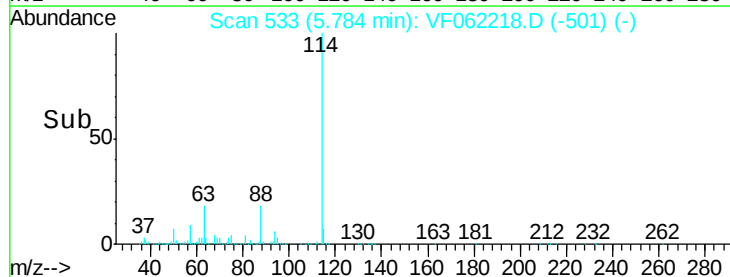
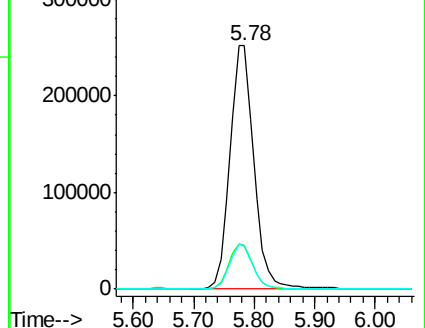
88 17.7 0.0 35.8

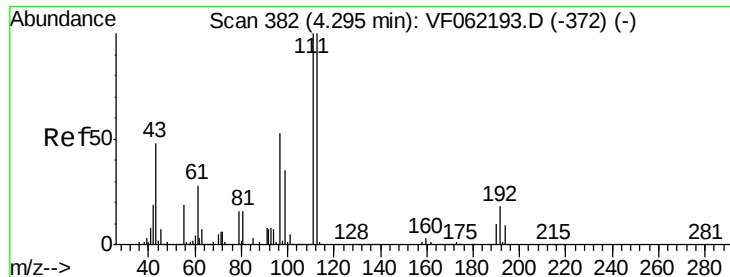


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VF0

Ion 87.90 (87.60 to 88.60): VF0





#35

Dibromofluoromethane

Concen: 45.778 ug/l

RT: 4.32 min Scan# 384

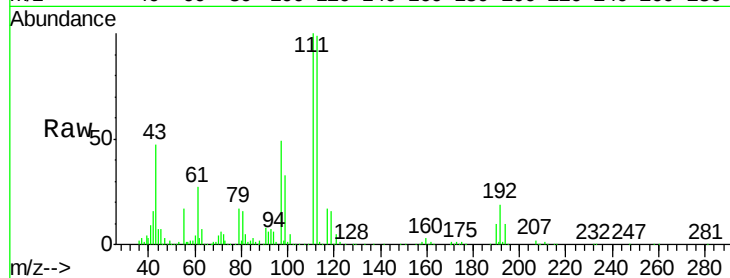
Delta R.T. 0.02 min

Lab File: VF062218.D

Acq: 19 Apr 2019 10:25

Tot Ion:113 Resp: 278027

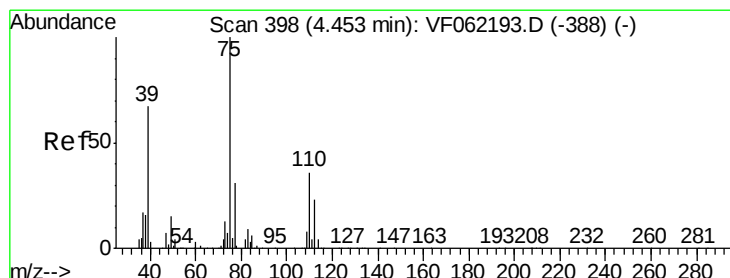
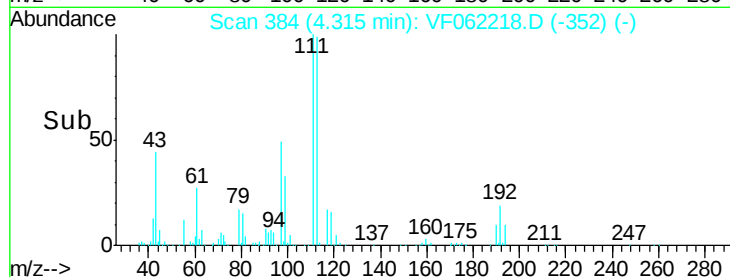
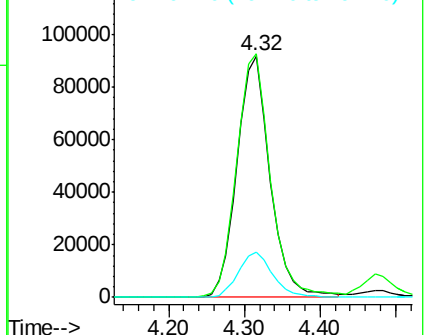
Ion	Ratio	Lower	Upper
113	100		
111	102.5	81.1	121.7
192	19.7	14.7	22.1



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 44.757 ug/l

RT: 4.47 min Scan# 400

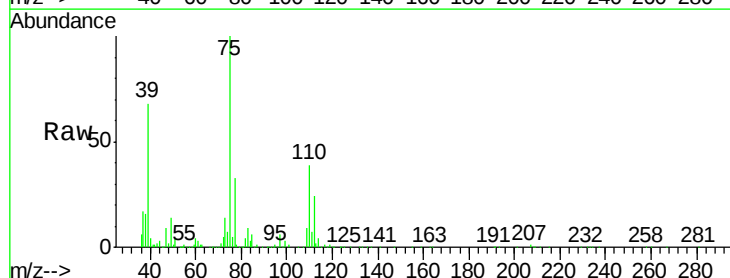
Delta R.T. 0.02 min

Lab File: VF062218.D

Acq: 19 Apr 2019 10:25

Tgt Ion: 75 Resp: 372572

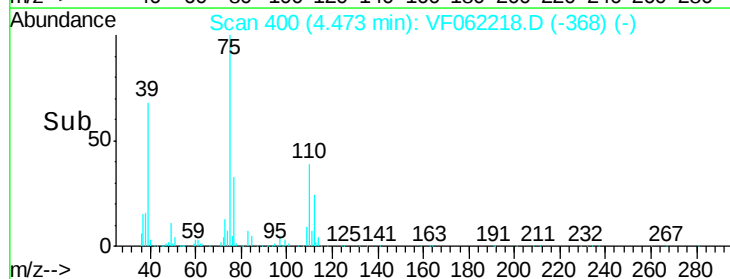
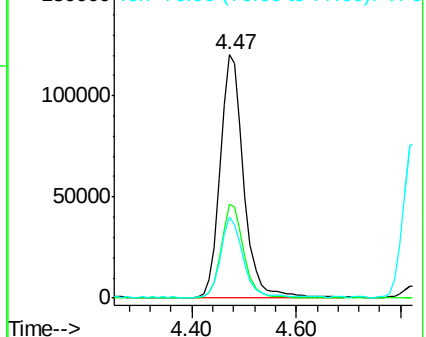
Ion	Ratio	Lower	Upper
75	100		
110	37.3	18.4	55.2
77	31.0	25.4	38.2

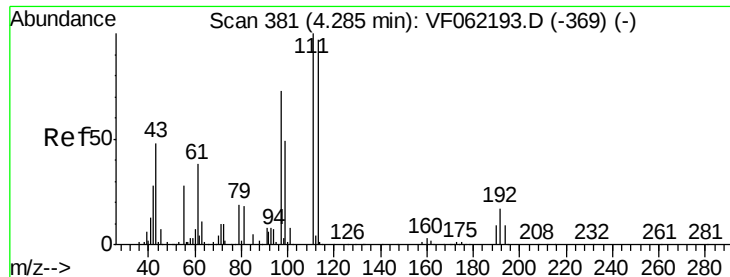


Abundance Ion 74.90 (74.60 to 75.60): VF0

Ion 109.90 (109.60 to 110.60): V

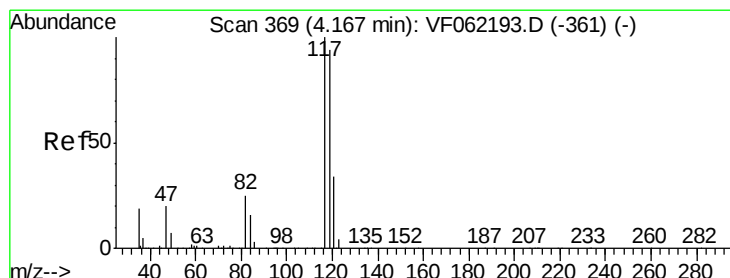
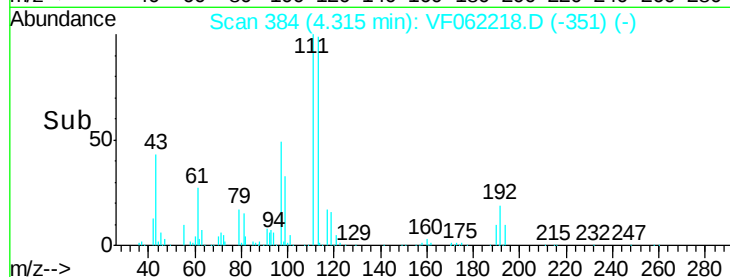
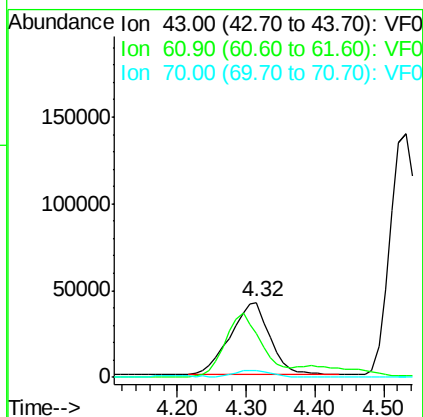
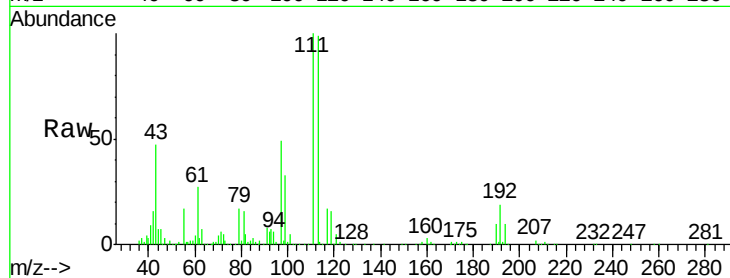
Ion 76.90 (76.60 to 77.60): VF0





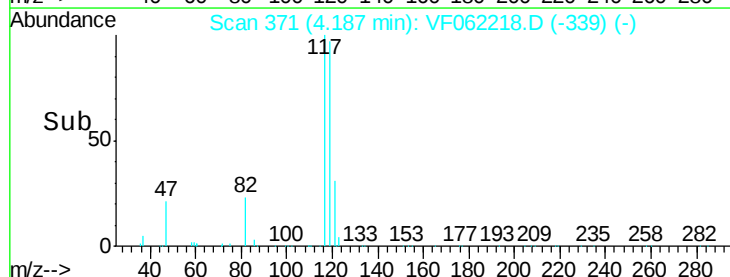
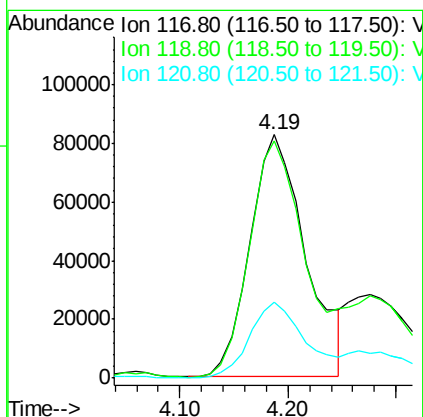
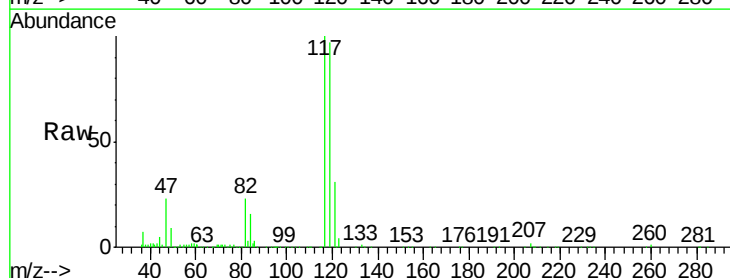
#37
Ethyl Acetate
Concen: 41.740 ug/l
RT: 4.32 min Scan# 384
Delta R.T. 0.03 min
Lab File: VF062218.D
Acq: 19 Apr 2019 10:25

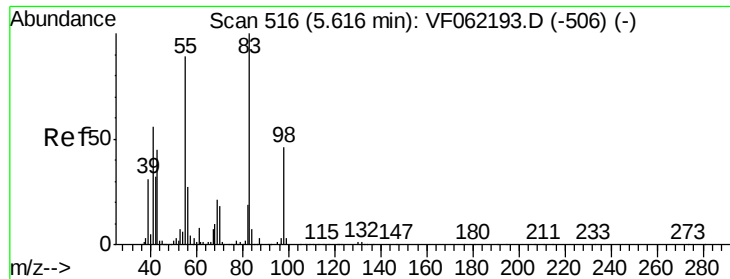
Tot Ion: 43 Resp: 163959
Ion Ratio Lower Upper
43 100
61 84.1 0.0 0.0#
70 9.7 7.8 11.6



#38
Carbon Tetrachloride
Concen: 40.302 ug/l
RT: 4.19 min Scan# 371
Delta R.T. 0.02 min
Lab File: VF062218.D
Acq: 19 Apr 2019 10:25

Tgt Ion: 117 Resp: 296954
Ion Ratio Lower Upper
117 100
119 97.5 75.0 112.4
121 30.9 26.9 40.3





#39

Methylcyclohexane

Concen: 51.116 ug/l

RT: 5.64 min Scan# 518

Delta R.T. 0.02 min

Lab File: VF062218.D

Acq: 19 Apr 2019 10:25

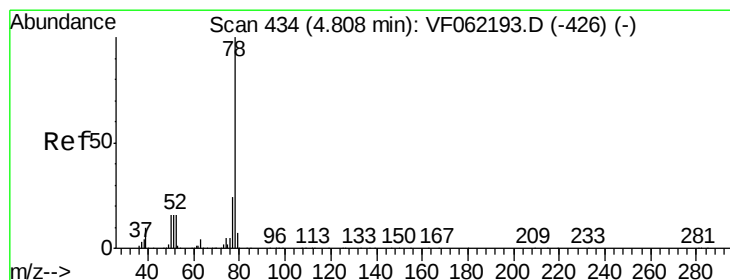
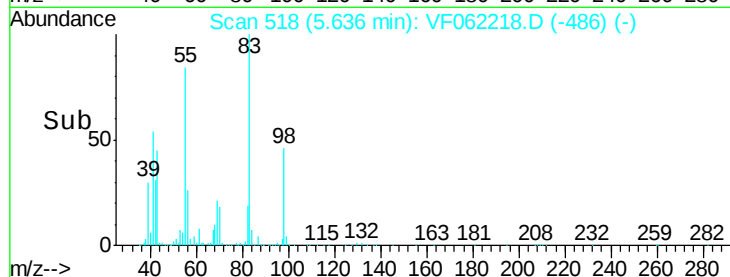
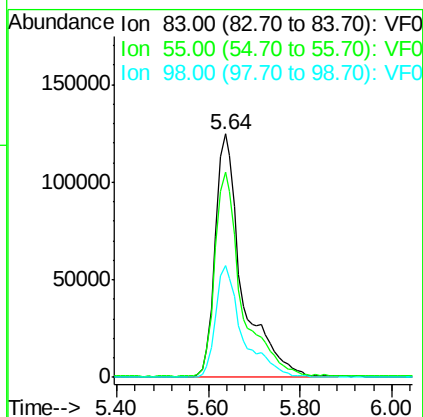
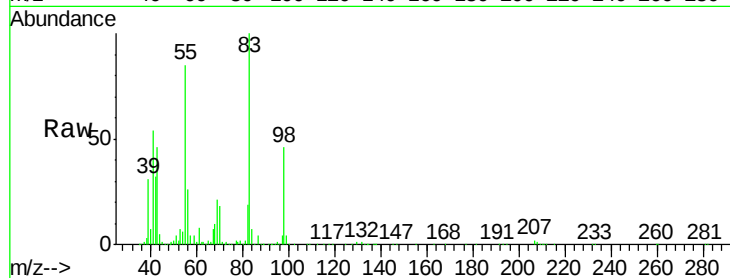
Tot Ion: 83 Resp: 509468

Ion Ratio Lower Upper

83 100

55 84.1 71.0 106.6

98 45.6 36.7 55.1



#40

Benzene

Concen: 43.885 ug/l

RT: 4.83 min Scan# 436

Delta R.T. 0.02 min

Lab File: VF062218.D

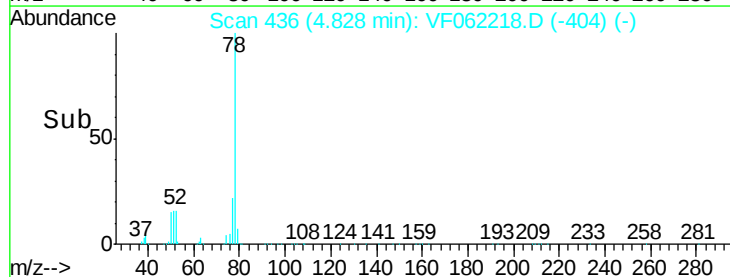
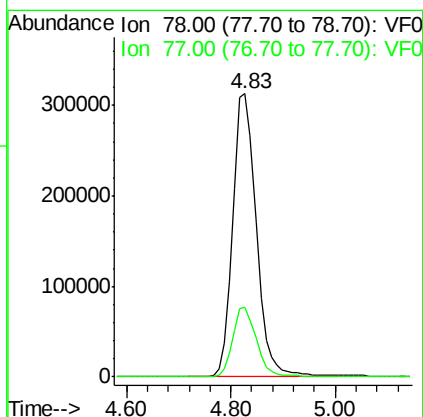
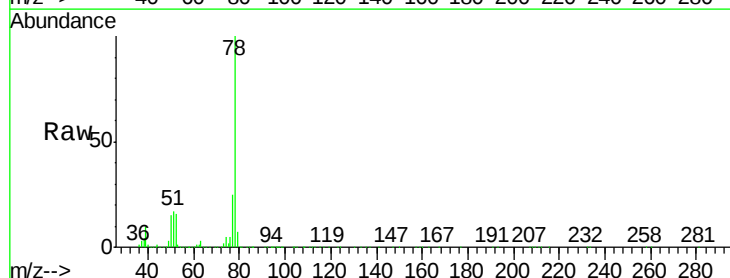
Acq: 19 Apr 2019 10:25

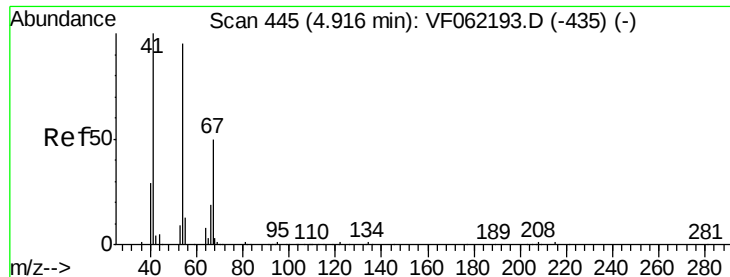
Tgt Ion: 78 Resp: 958192

Ion Ratio Lower Upper

78 100

77 24.4 18.9 28.3





#41

Methacrylonitrile

Concen: 42.989 ug/l

RT: 4.94 min Scan# 447

Delta R.T. 0.02 min

Lab File: VF062218.D

Acq: 19 Apr 2019 10:25

Tot Ion: 41 Resp: 97405

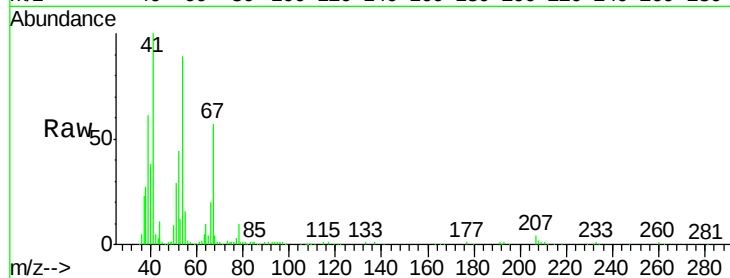
Ion	Ratio	Lower	Upper
41	100		
39	58.6	44.7	67.1
67	52.8	39.1	58.7
52	59.1	49.8	74.8

41 100

39 58.6 44.7 67.1

67 52.8 39.1 58.7

52 59.1 49.8 74.8



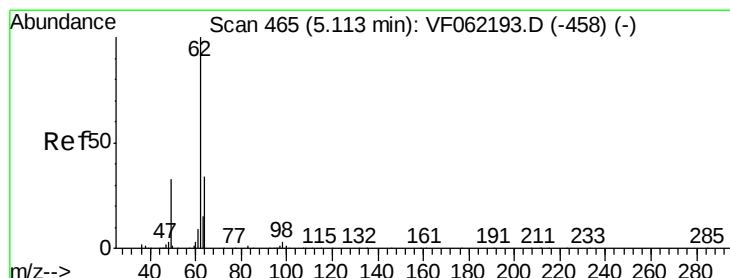
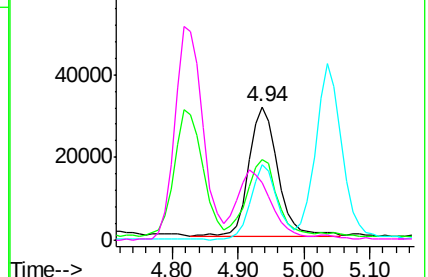
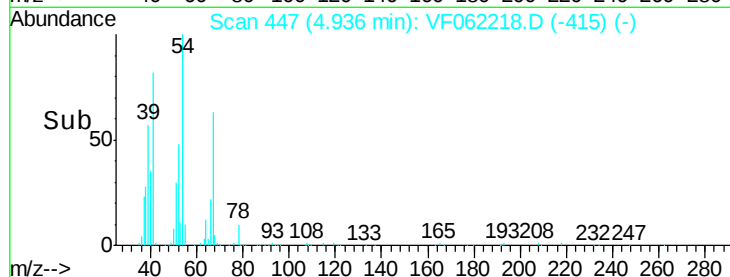
Abundance Ion 41.00 (40.70 to 41.70): VF0

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

Time-->



#42

1,2-Dichloroethane

Concen: 48.697 ug/l

RT: 5.13 min Scan# 467

Delta R.T. 0.02 min

Lab File: VF062218.D

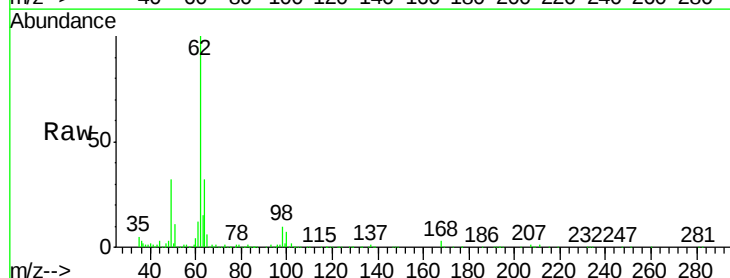
Acq: 19 Apr 2019 10:25

Tgt Ion: 62 Resp: 281090

Ion	Ratio	Lower	Upper
62	100		
98	10.3	0.0	19.0

62 100

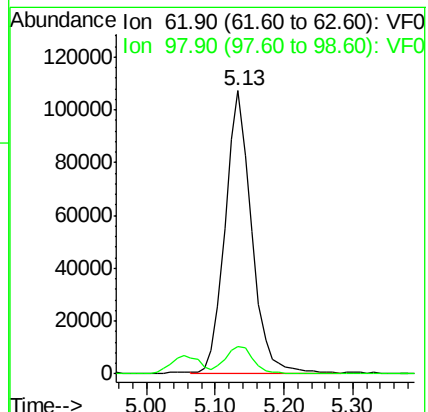
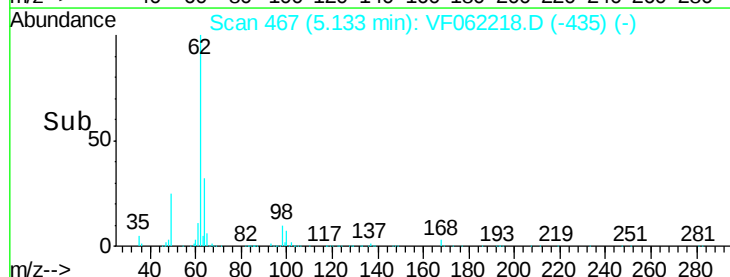
98 10.3 0.0 19.0

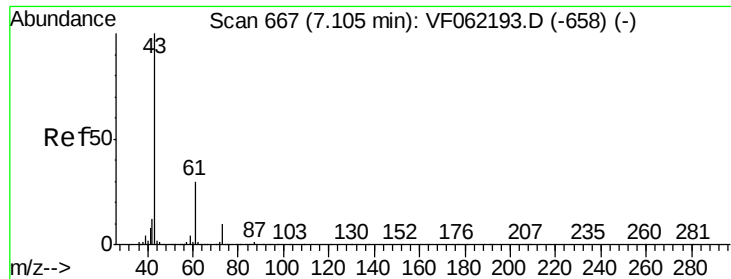


Abundance Ion 61.90 (61.60 to 62.60): VF0

Ion 97.90 (97.60 to 98.60): VF0

Time-->

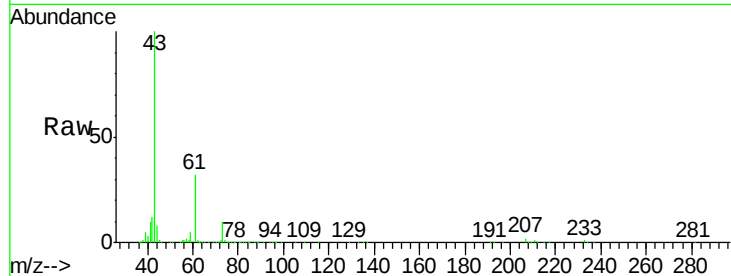




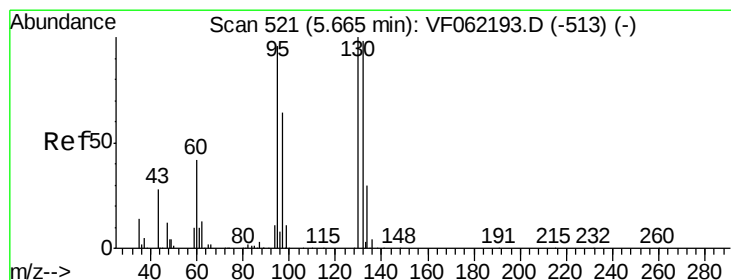
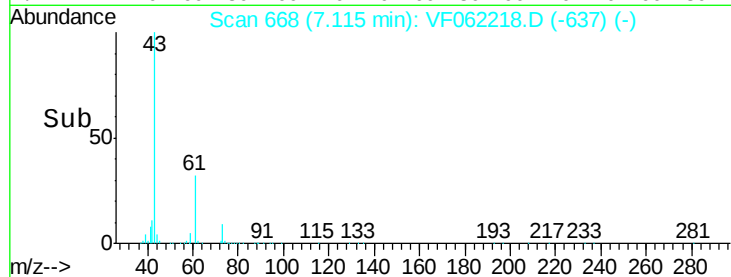
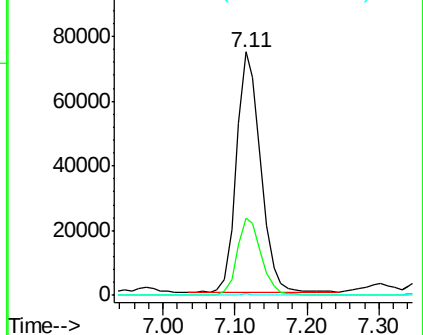
#43

Isopropyl Acetate
 Concen: 42.190 ug/l
 RT: 7.11 min Scan# 668
 Delta R.T. 0.01 min
 Lab File: VF062218.D
 Acq: 19 Apr 2019 10:25

Tot Ion	43	Resp	174302
Ion Ratio	100		
Lower	24.4		
Upper	36.6		
61	31.8		
87	0.4		



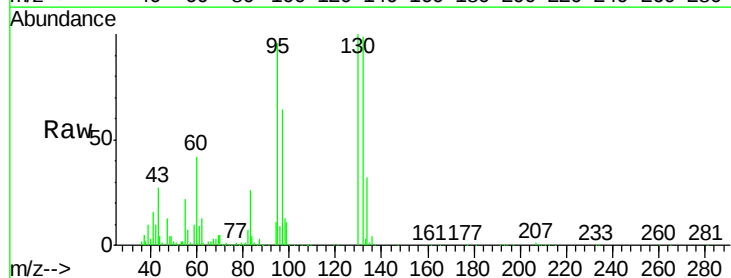
Abundance Ion 43.00 (42.70 to 43.70): VF0
 Ion 61.00 (60.70 to 61.70): VF0
 Ion 87.00 (86.70 to 87.70): VF0



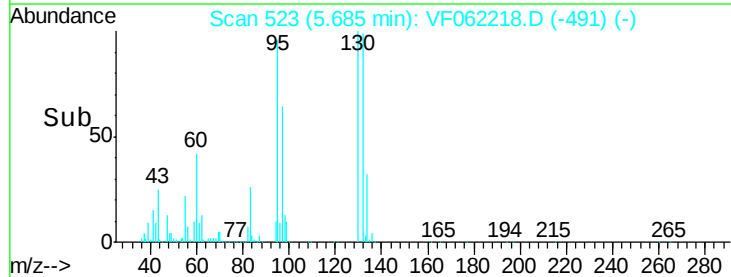
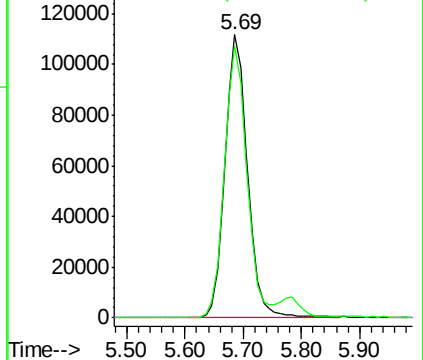
#44

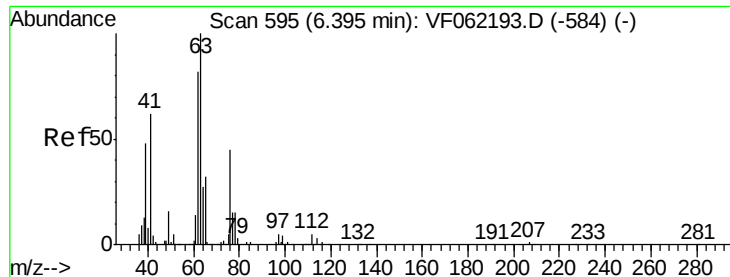
Trichloroethene
 Concen: 50.831 ug/l
 RT: 5.69 min Scan# 523
 Delta R.T. 0.02 min
 Lab File: VF062218.D
 Acq: 19 Apr 2019 10:25

Tgt Ion	130	Resp	299908
Ion Ratio	100		
Lower	0.0		
Upper	191.4		
95	95.9		



Abundance Ion 129.80 (129.50 to 130.50): V
 Ion 94.90 (94.60 to 95.60): VF0





#45

1,2-Dichloropropane

Concen: 46.198 ug/l

RT: 6.41 min Scan# 597

Delta R.T. 0.02 min

Lab File: VF062218.D

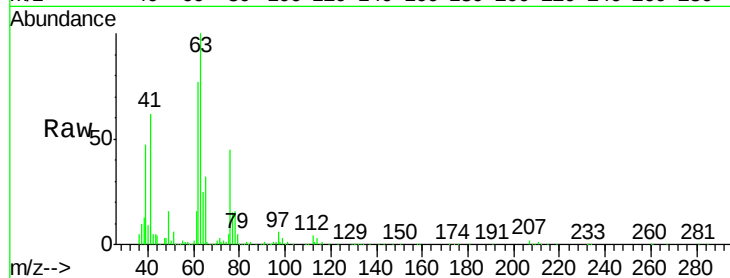
Acq: 19 Apr 2019 10:25

Tot Ion: 63 Resp: 222192

Ion Ratio Lower Upper

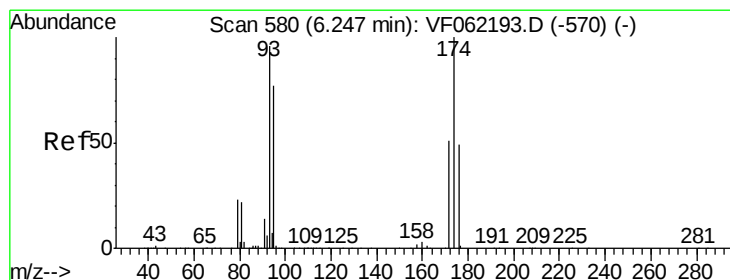
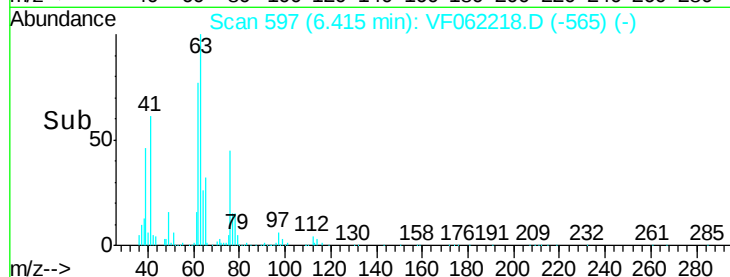
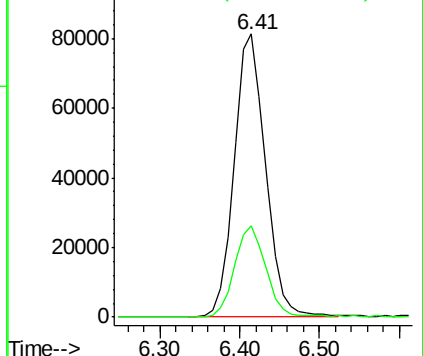
63 100

65 32.1 25.9 38.9



Abundance Ion 62.90 (62.60 to 63.60): VF0

Ion 64.90 (64.60 to 65.60): VF0



#46

Dibromomethane

Concen: 46.862 ug/l

RT: 6.27 min Scan# 582

Delta R.T. 0.02 min

Lab File: VF062218.D

Acq: 19 Apr 2019 10:25

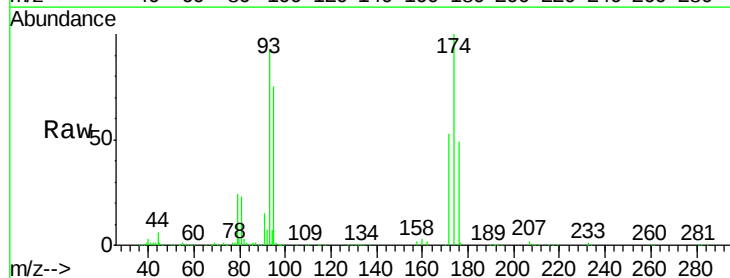
Tgt Ion: 93 Resp: 149955

Ion Ratio Lower Upper

93 100

95 82.4 65.1 97.7

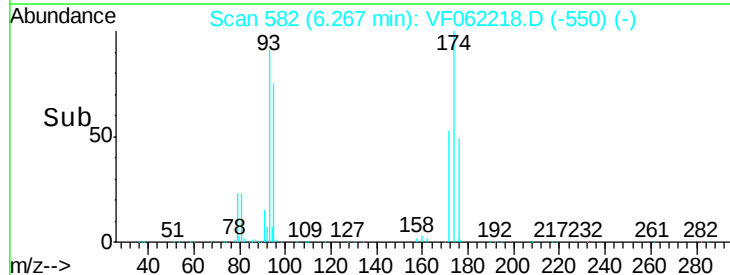
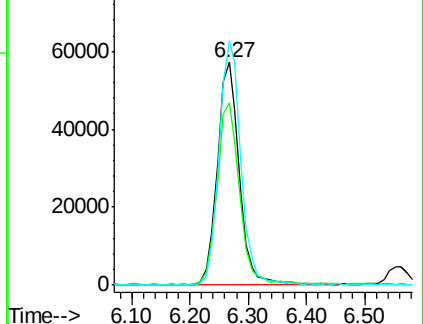
174 109.0 81.8 122.6

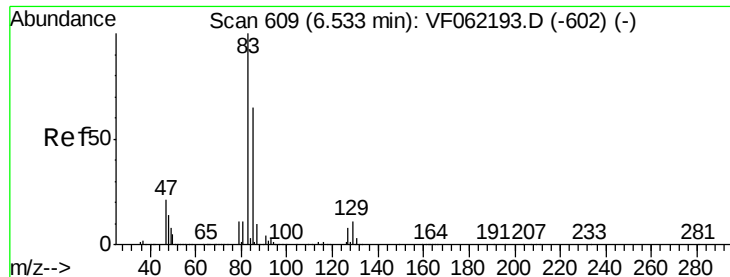


Abundance Ion 92.80 (92.50 to 93.50): VF0

Ion 94.80 (94.50 to 95.50): VF0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 46.113 ug/l

RT: 6.55 min Scan# 611

Delta R.T. 0.02 min

Lab File: VF062218.D

Acq: 19 Apr 2019 10:25

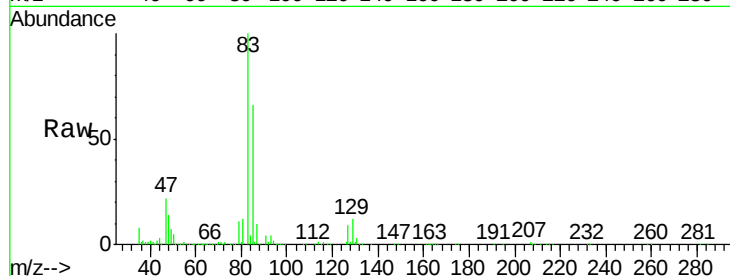
Tot Ion: 83 Resp: 332982

Ion Ratio Lower Upper

83 100

85 66.3 52.2 78.4

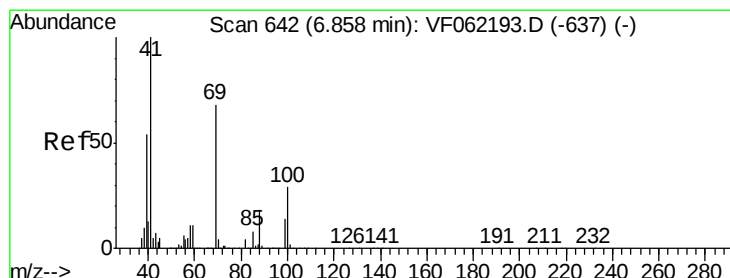
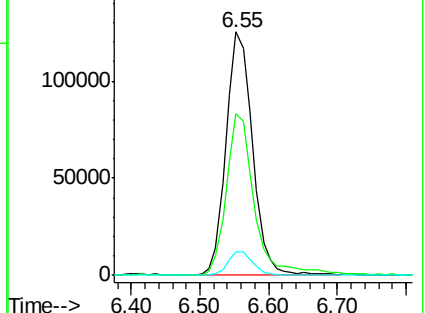
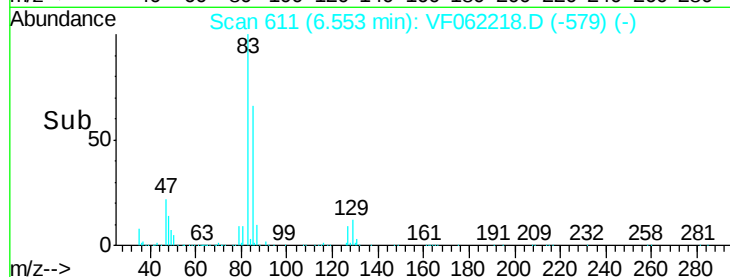
127 9.4 6.7 10.1



Abundance Ion 82.90 (82.60 to 83.60): VF0

Ion 84.90 (84.60 to 85.60): VF0

Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 43.674 ug/l

RT: 6.88 min Scan# 644

Delta R.T. 0.02 min

Lab File: VF062218.D

Acq: 19 Apr 2019 10:25

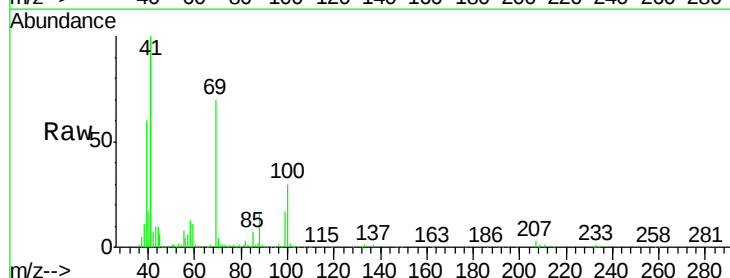
Tgt Ion: 41 Resp: 118579

Ion Ratio Lower Upper

41 100

69 69.8 54.9 82.3

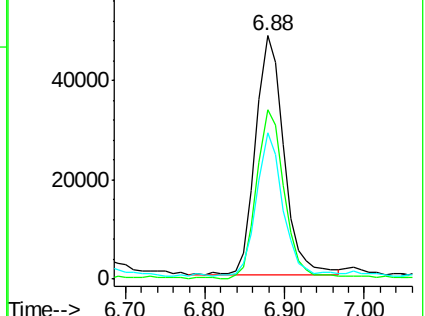
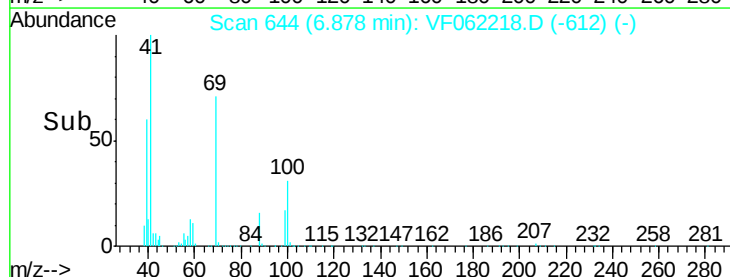
39 54.6 43.6 65.4

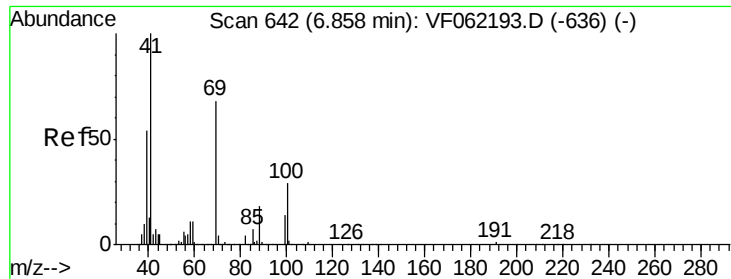


Abundance Ion 41.00 (40.70 to 41.70): VF0

Ion 69.00 (68.70 to 69.70): VF0

Ion 39.00 (38.70 to 39.70): VF0





#49

1,4-Dioxane

Concen: 922.990 ug/l

RT: 6.87 min Scan# 643

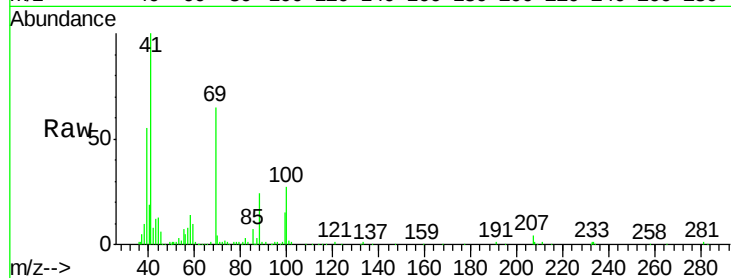
Delta R.T. 0.01 min

Lab File: VF062218.D

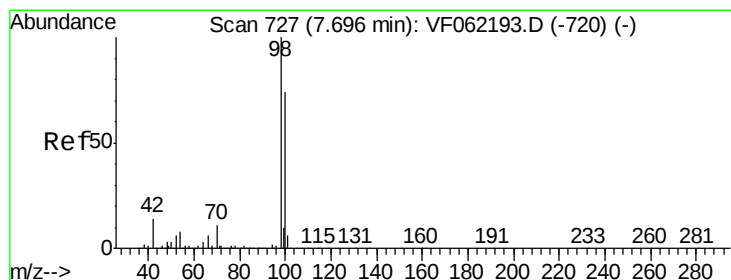
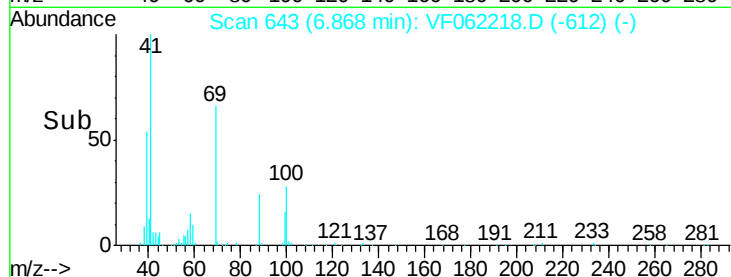
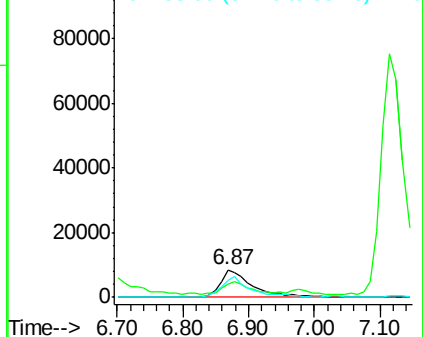
Acq: 19 Apr 2019 10:25

Tot Ion: 88 Resp: 28740

Ion	Ratio	Lower	Upper
88	100		
43	35.9	36.9	55.3#
58	68.2	56.8	85.2



Abundance Ion 88.00 (87.70 to 88.70): VF0
Ion 43.00 (42.70 to 43.70): VF0
Ion 58.00 (57.70 to 58.70): VF0



#50

Toluene-d8

Concen: 49.711 ug/l

RT: 7.72 min Scan# 729

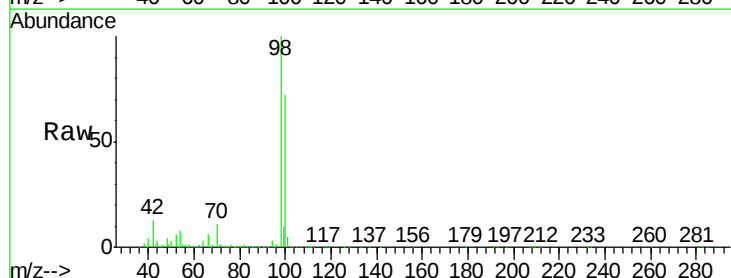
Delta R.T. 0.02 min

Lab File: VF062218.D

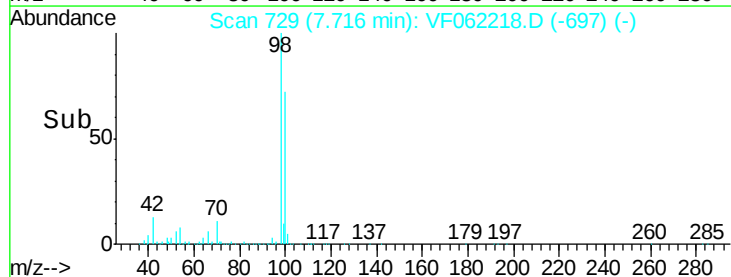
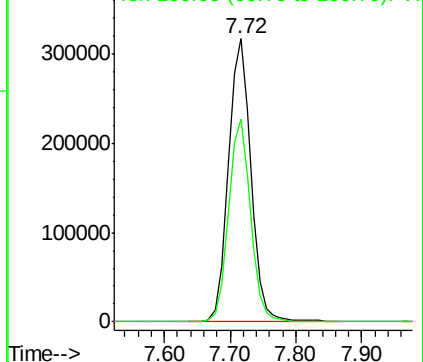
Acq: 19 Apr 2019 10:25

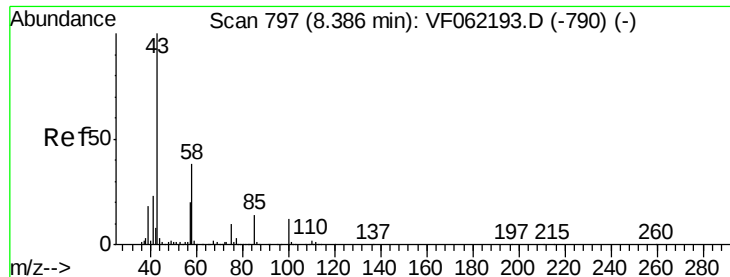
Tgt Ion: 98 Resp: 764256

Ion	Ratio	Lower	Upper
98	100		
100	70.1	56.2	84.2



Abundance Ion 98.00 (97.70 to 98.70): VF0
Ion 100.00 (99.70 to 100.70): VF0





#51

4-Methyl-2-Pentanone

Concen: 230.749 ug/l

RT: 8.41 min Scan# 799

Delta R.T. 0.02 min

Lab File: VF062218.D

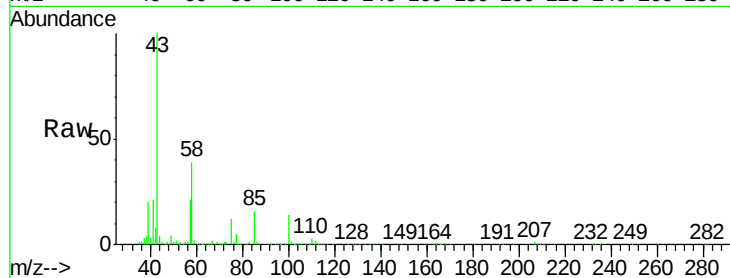
Acq: 19 Apr 2019 10:25

Tot Ion: 43 Resp: 709062

Ion Ratio Lower Upper

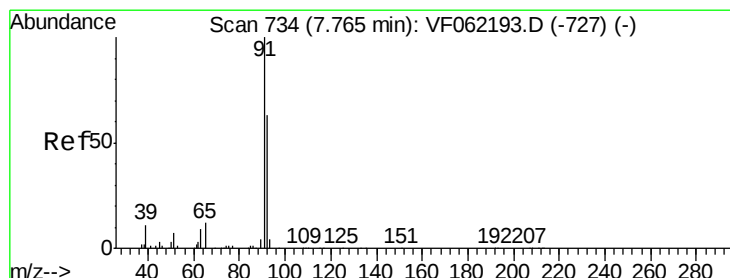
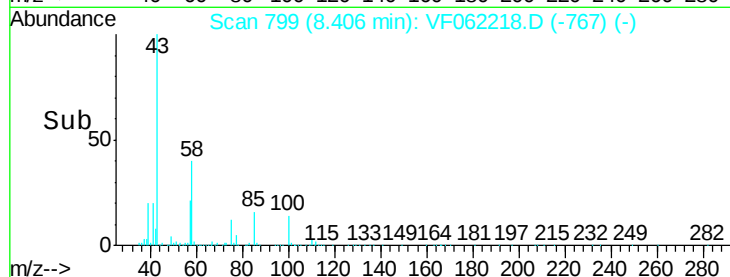
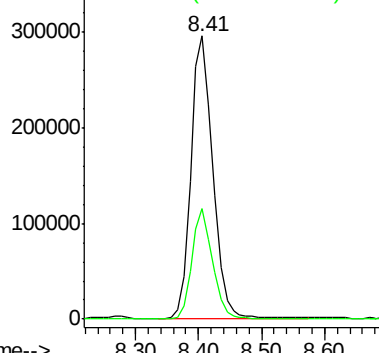
43 100

58 37.2 29.3 43.9



Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 58.00 (57.70 to 58.70): VF0



#52

Toluene

Concen: 50.486 ug/l

RT: 7.78 min Scan# 736

Delta R.T. 0.02 min

Lab File: VF062218.D

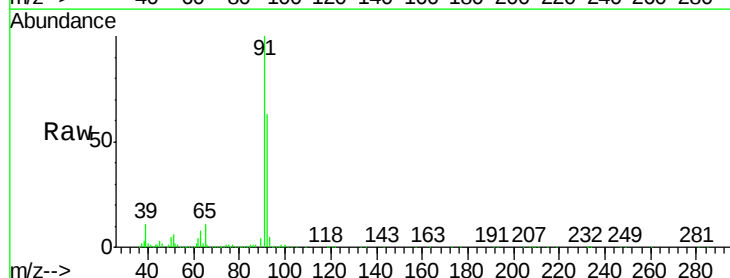
Acq: 19 Apr 2019 10:25

Tgt Ion: 92 Resp: 581061

Ion Ratio Lower Upper

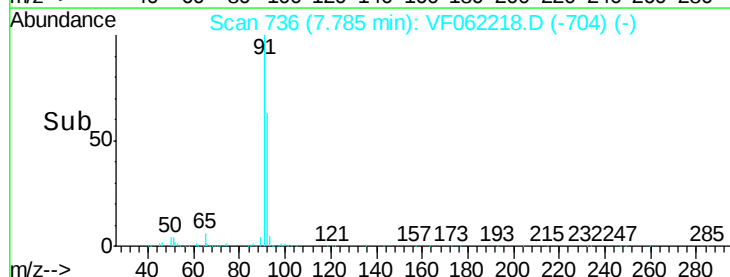
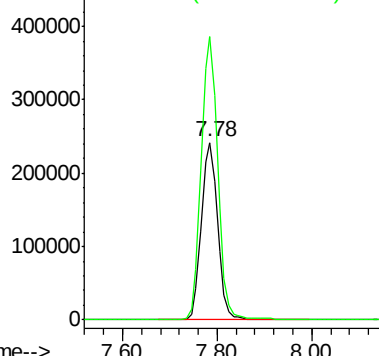
92 100

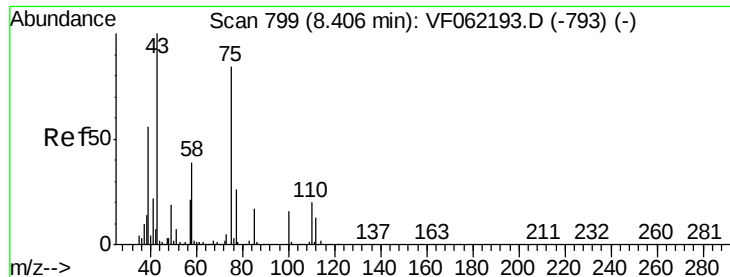
91 161.6 130.1 195.1



Abundance Ion 92.00 (91.70 to 92.70): VF0

Ion 91.00 (90.70 to 91.70): VF0





#53

t-1,3-Dichloropropene

Concen: 48.871 ug/l

RT: 8.43 min Scan# 801

Delta R.T. 0.02 min

Lab File: VF062218.D

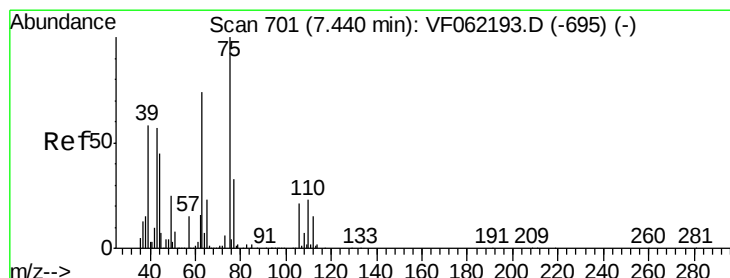
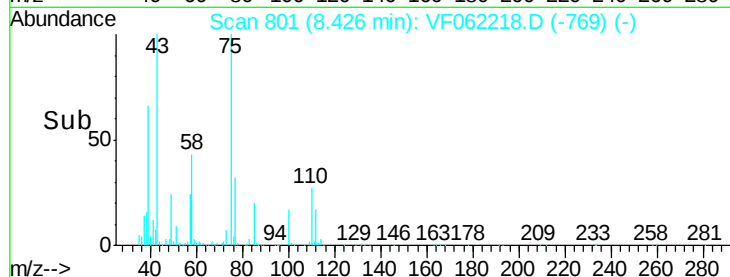
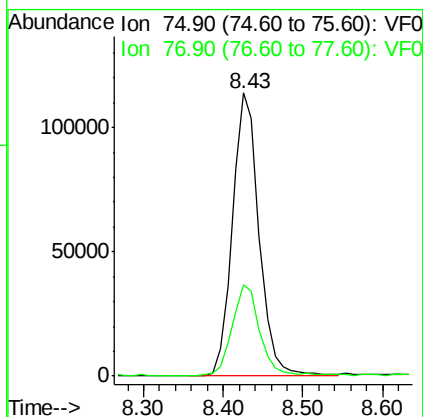
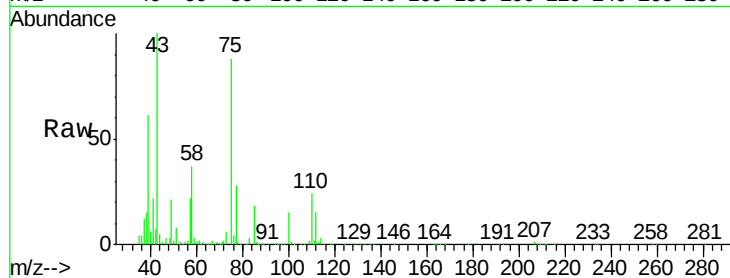
Acq: 19 Apr 2019 10:25

Tot Ion: 75 Resp: 265058

Ion Ratio Lower Upper

75 100

77 31.9 24.6 36.8



#54

cis-1,3-Dichloropropene

Concen: 47.635 ug/l

RT: 7.46 min Scan# 703

Delta R.T. 0.02 min

Lab File: VF062218.D

Acq: 19 Apr 2019 10:25

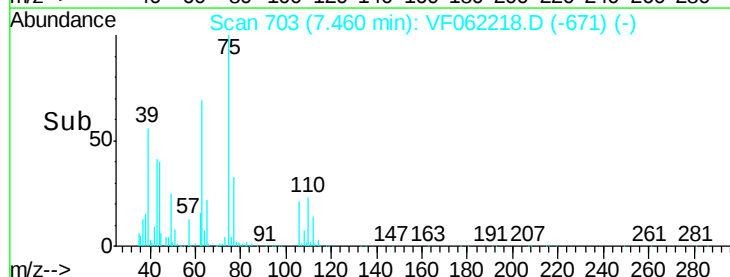
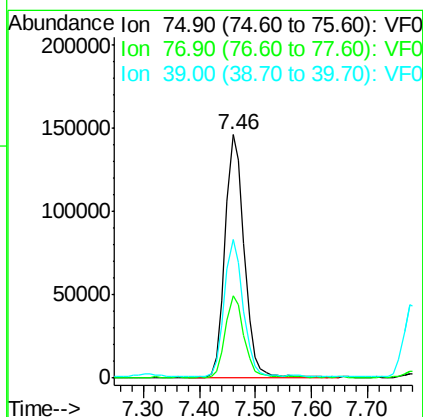
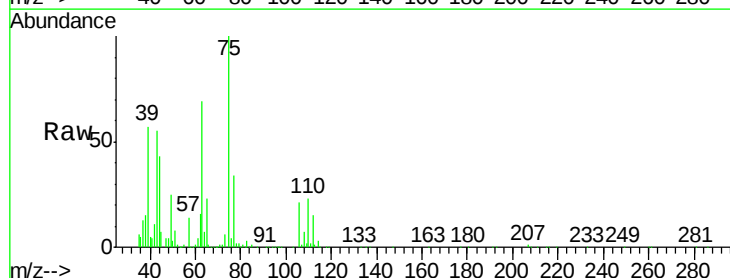
Tgt Ion: 75 Resp: 349464

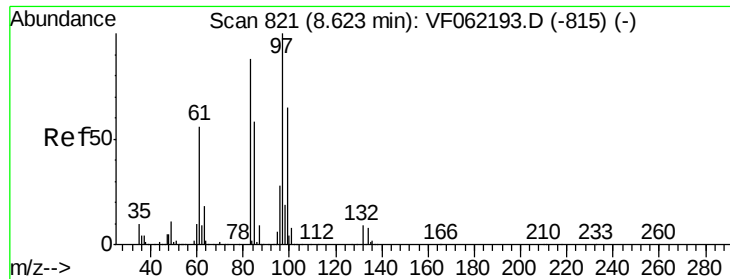
Ion Ratio Lower Upper

75 100

77 33.3 26.4 39.6

39 56.4 46.7 70.1





#55

1,1,2-Trichloroethane

Concen: 52.525 ug/l

RT: 8.64 min Scan# 823

Delta R.T. 0.02 min

Lab File: VF062218.D

Acq: 19 Apr 2019 10:25

Tot Ion: 97 Resp: 169355

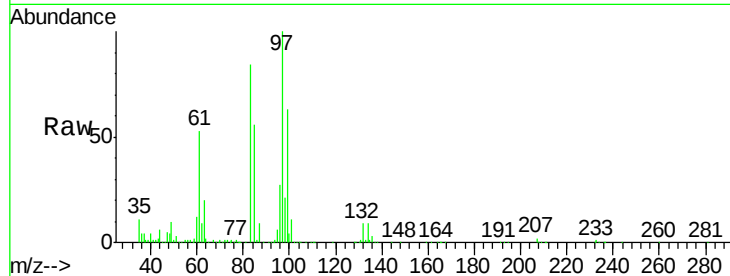
Ion Ratio Lower Upper

97 100

83 83.5 70.2 105.2

85 56.2 46.2 69.4

99 62.5 52.2 78.4

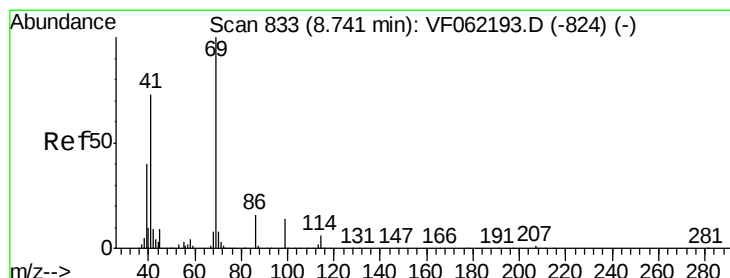
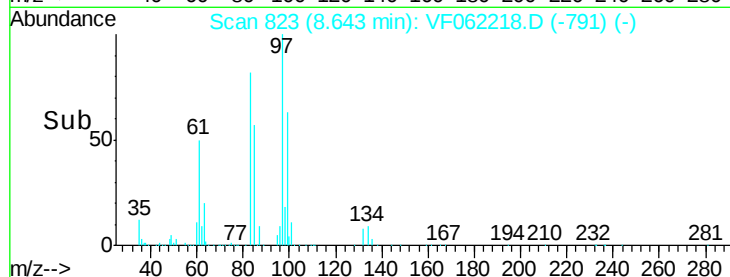
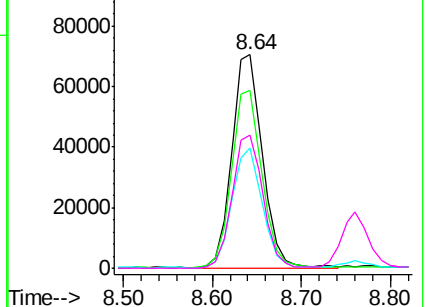


Abundance Ion 96.90 (96.60 to 97.60): VF0

Ion 82.90 (82.60 to 83.60): VF0

Ion 84.90 (84.60 to 85.60): VF0

Ion 98.90 (98.60 to 99.60): VF0



#56

Ethyl methacrylate

Concen: 48.932 ug/l

RT: 8.76 min Scan# 835

Delta R.T. 0.02 min

Lab File: VF062218.D

Acq: 19 Apr 2019 10:25

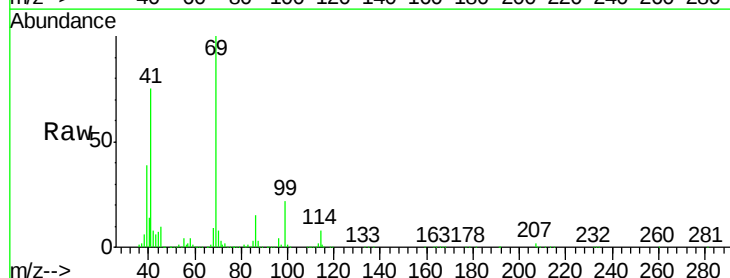
Tgt Ion: 69 Resp: 179375

Ion Ratio Lower Upper

69 100

41 78.4 61.5 92.3

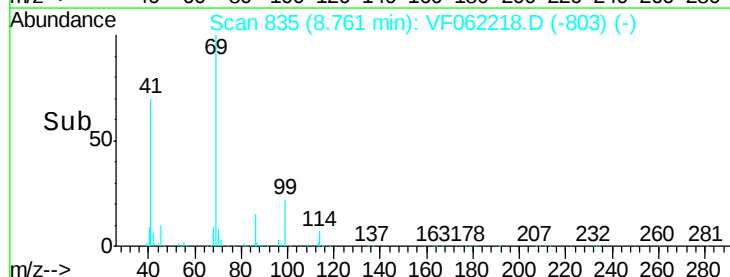
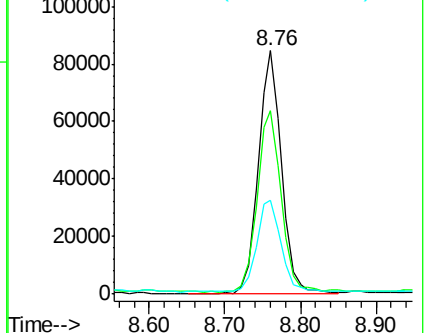
39 39.6 33.3 49.9

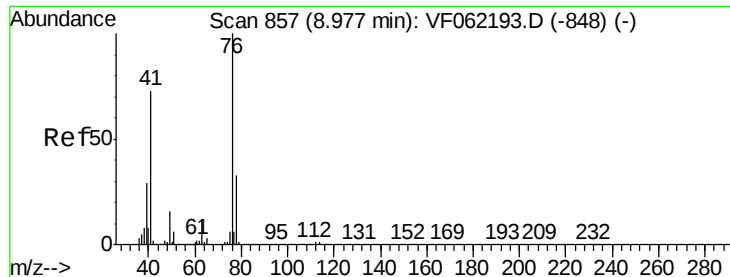


Abundance Ion 69.00 (68.70 to 69.70): VF0

Ion 41.00 (40.70 to 41.70): VF0

Ion 39.00 (38.70 to 39.70): VF0





#57

1,3-Dichloropropane

Concen: 51.196 ug/l

RT: 9.00 min Scan# 859

Delta R.T. 0.02 min

Lab File: VF062218.D

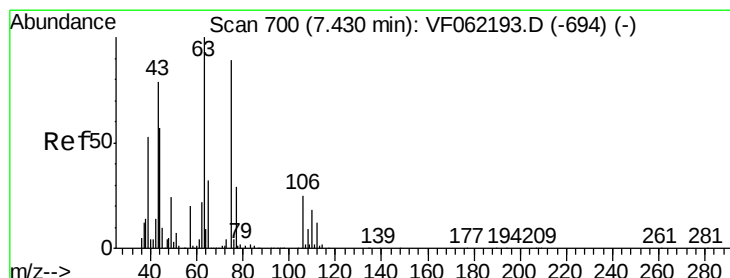
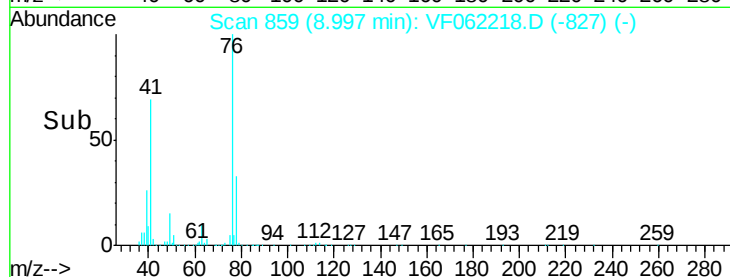
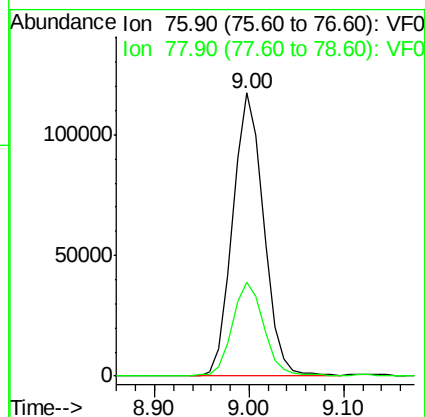
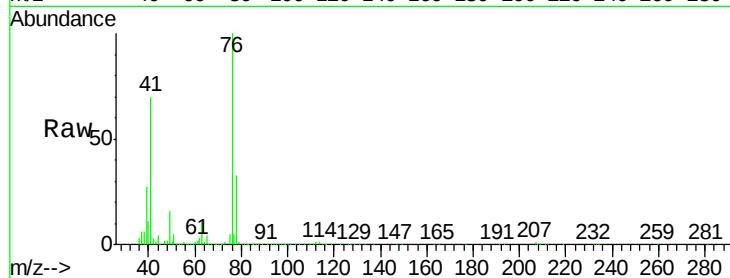
Acq: 19 Apr 2019 10:25

Tot Ion: 76 Resp: 266549

Ion Ratio Lower Upper

76 100

78 33.3 26.5 39.7



#58

2-Chloroethyl Vinyl ether

Concen: 241.150 ug/l

RT: 7.45 min Scan# 702

Delta R.T. 0.02 min

Lab File: VF062218.D

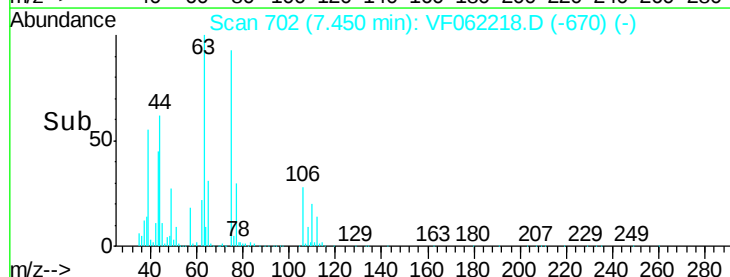
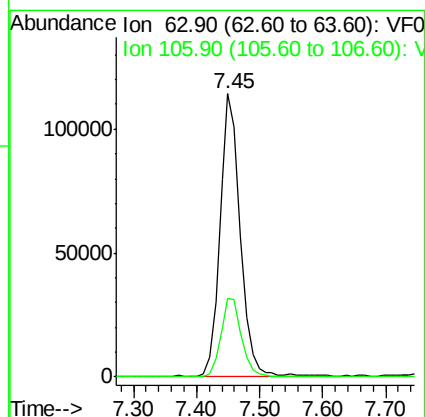
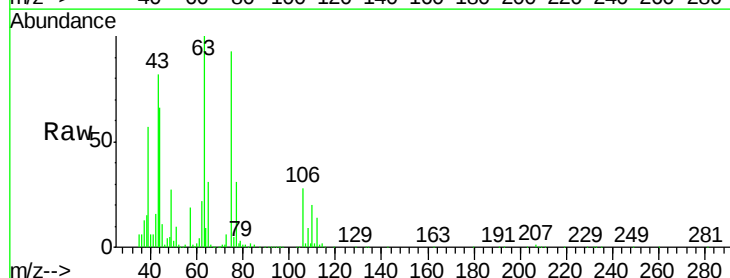
Acq: 19 Apr 2019 10:25

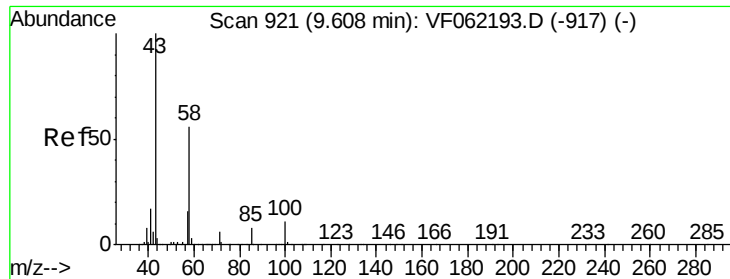
Tgt Ion: 63 Resp: 256659

Ion Ratio Lower Upper

63 100

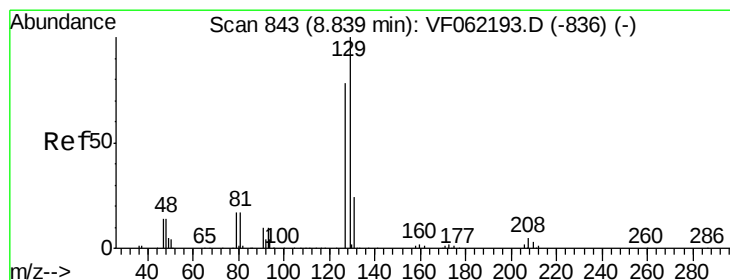
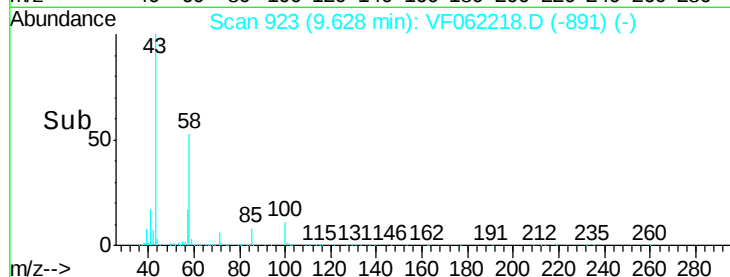
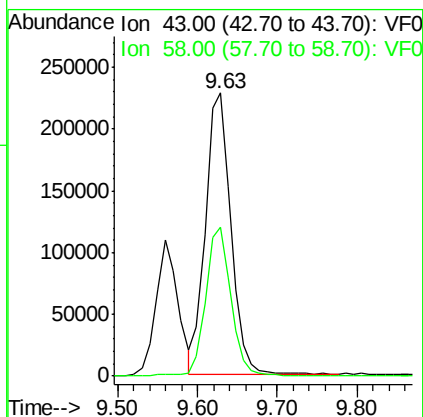
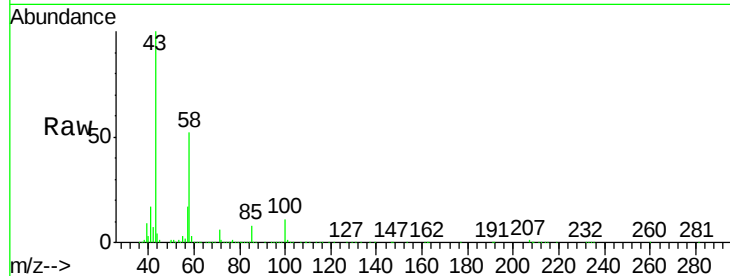
106 28.7 21.4 32.0





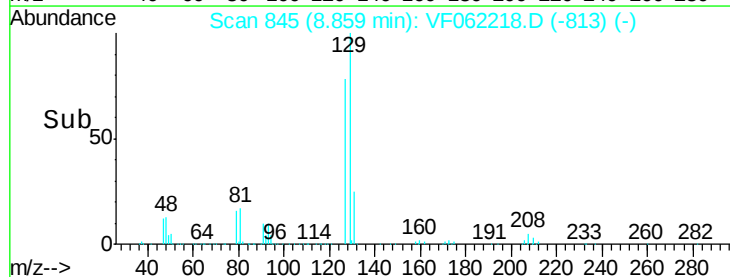
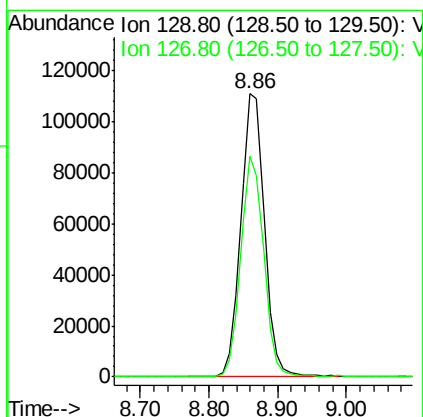
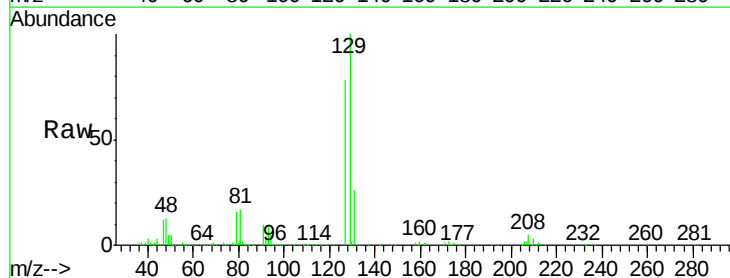
#59
2-Hexanone
Concen: 265.033 ug/l
RT: 9.63 min Scan# 923
Delta R.T. 0.02 min
Lab File: VF062218.D
Acq: 19 Apr 2019 10:25

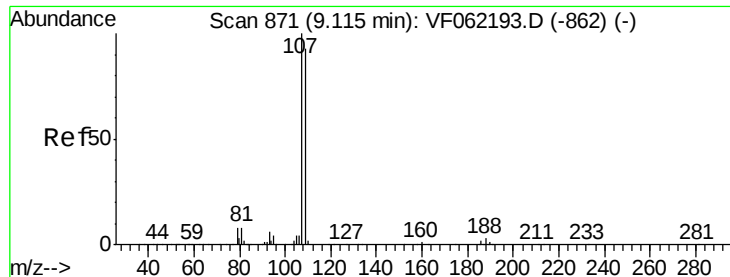
Tot Ion: 43 Resp: 507883
Ion Ratio Lower Upper
43 100
58 53.1 24.6 74.0



#60
Dibromochloromethane
Concen: 55.092 ug/l
RT: 8.86 min Scan# 845
Delta R.T. 0.02 min
Lab File: VF062218.D
Acq: 19 Apr 2019 10:25

Tgt Ion: 129 Resp: 264172
Ion Ratio Lower Upper
129 100
127 76.0 39.0 117.0





#61

1,2-Dibromoethane

Concen: 54.085 ug/l

RT: 9.14 min Scan# 873

Delta R.T. 0.02 min

Lab File: VF062218.D

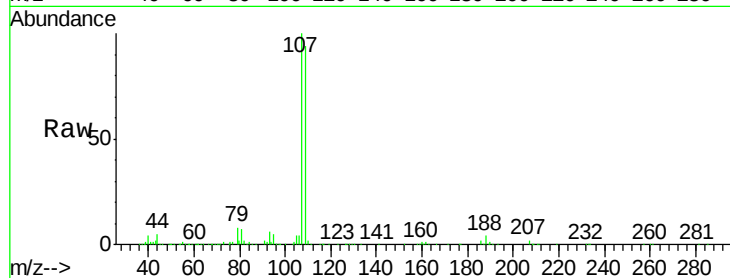
Acq: 19 Apr 2019 10:25

Tot Ion: 107 Resp: 196465

Ion Ratio Lower Upper

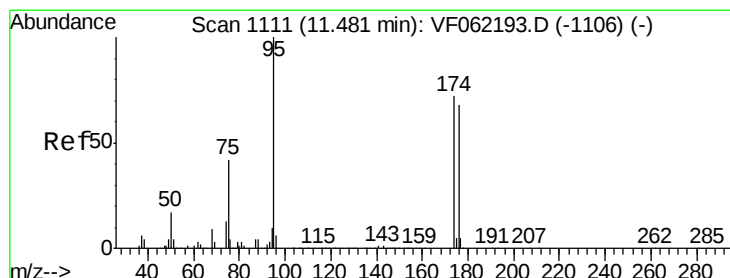
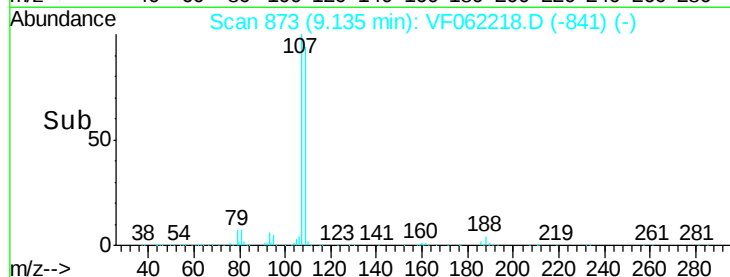
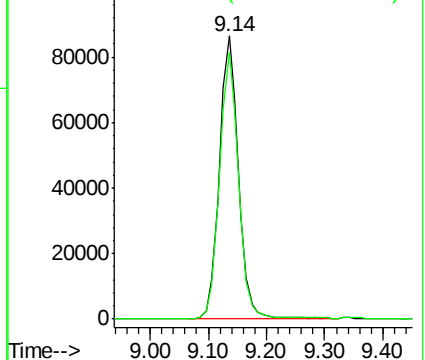
107 100

109 93.6 74.3 111.5



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 47.737 ug/l

RT: 11.50 min Scan# 1113

Delta R.T. 0.02 min

Lab File: VF062218.D

Acq: 19 Apr 2019 10:25

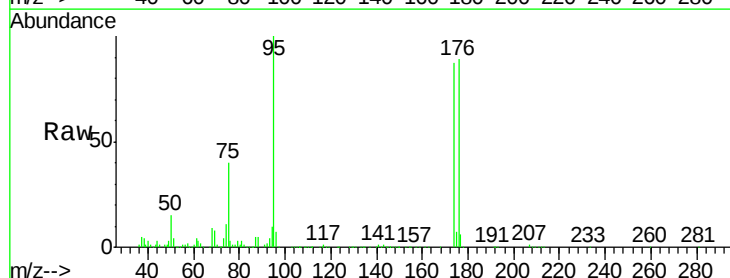
Tgt Ion: 95 Resp: 282326

Ion Ratio Lower Upper

95 100

174 83.4 0.0 159.4

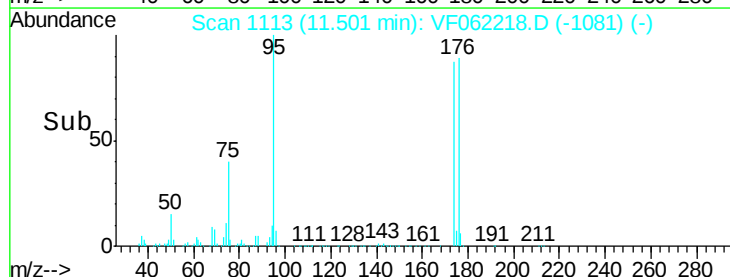
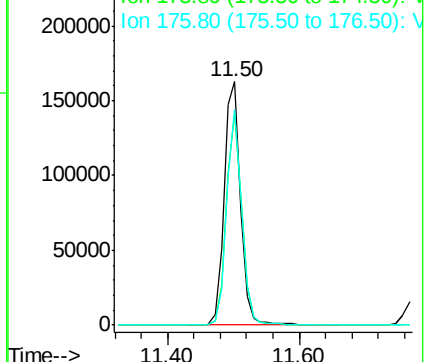
176 83.3 0.0 155.4

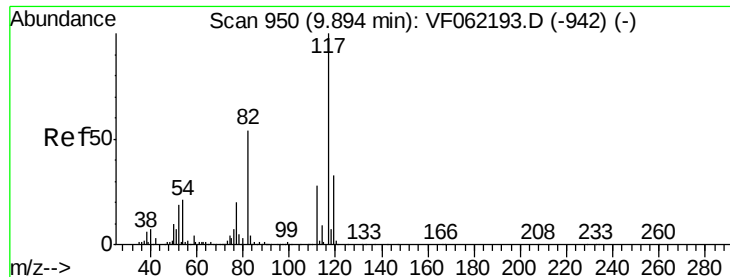


Abundance Ion 94.90 (94.60 to 95.60): VF0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 9.91 min Scan# 952

Delta R.T. 0.02 min

Lab File: VF062218.D

Acq: 19 Apr 2019 10:25

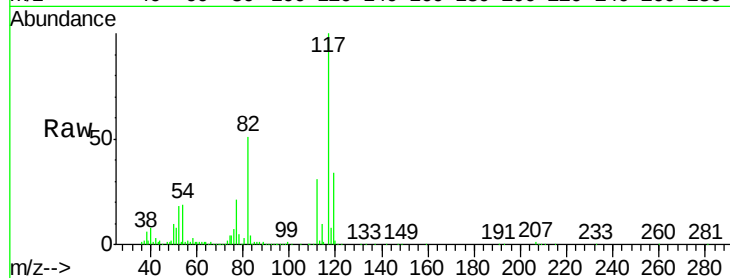
Tot Ion:117 Resp: 562991

Ion Ratio Lower Upper

117 100

82 51.2 43.2 64.8

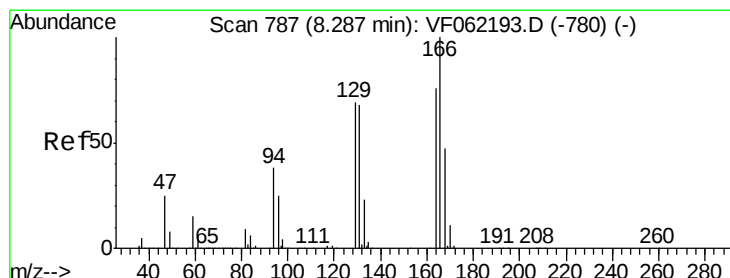
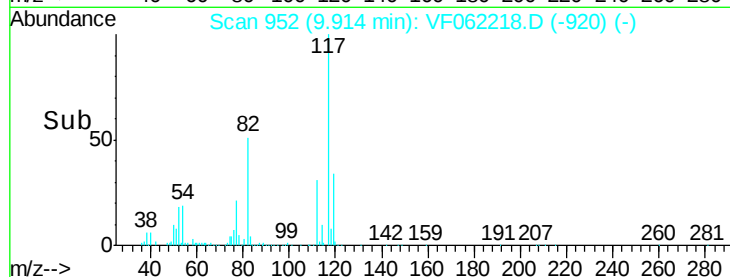
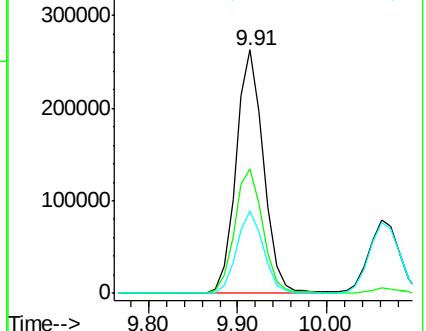
119 33.6 26.2 39.4



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VF0

Ion 118.90 (118.60 to 119.60): V



#64

Tetrachloroethene

Concen: 48.670 ug/l

RT: 8.31 min Scan# 789

Delta R.T. 0.02 min

Lab File: VF062218.D

Acq: 19 Apr 2019 10:25

Tgt Ion:164 Resp: 247352

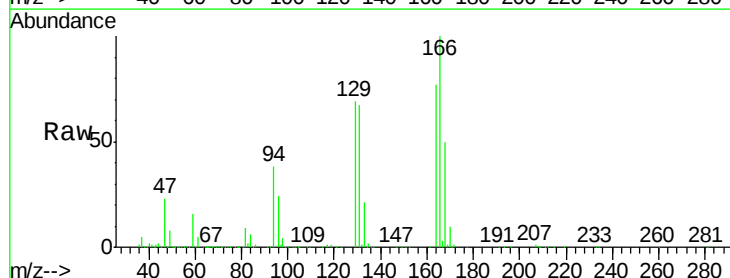
Ion Ratio Lower Upper

164 100

166 130.5 104.7 157.1

129 89.6 72.6 109.0

131 87.9 71.6 107.4

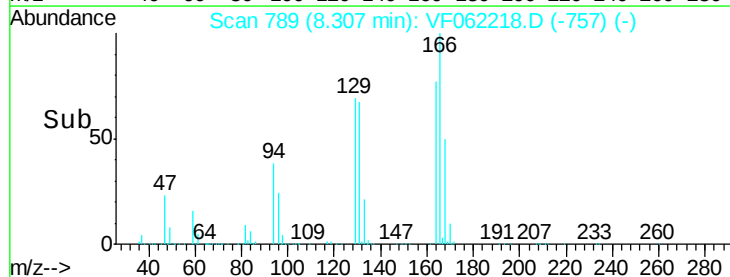
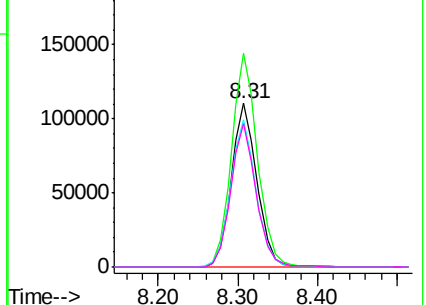


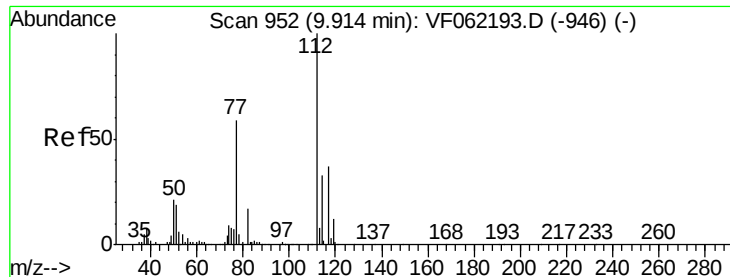
Abundance Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V





#65

Chlorobenzene

Concen: 50.098 ug/l

RT: 9.93 min Scan# 954

Delta R.T. 0.02 min

Lab File: VF062218.D

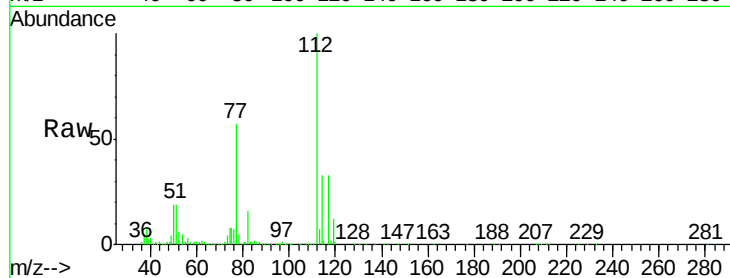
Acq: 19 Apr 2019 10:25

Tot Ion:112 Resp: 601411

Ion Ratio Lower Upper

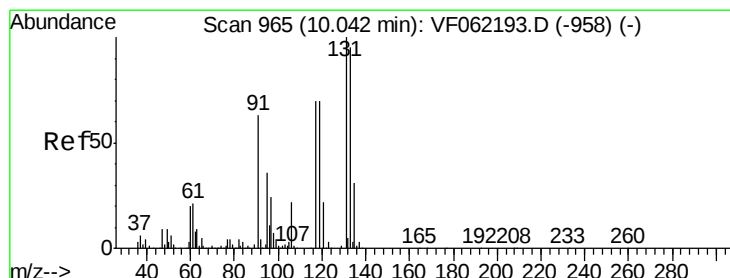
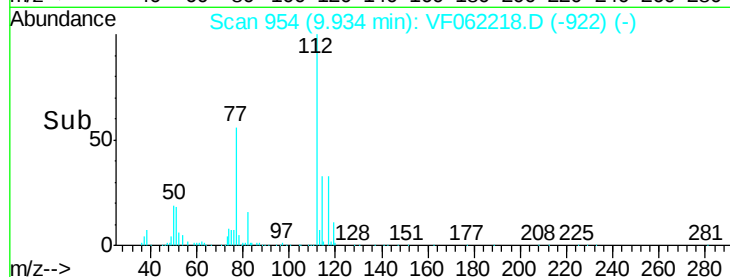
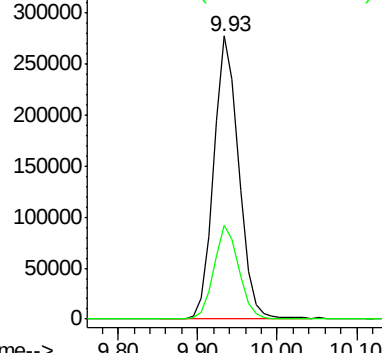
112 100

114 33.2 26.1 39.1



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 45.862 ug/l

RT: 10.06 min Scan# 967

Delta R.T. 0.02 min

Lab File: VF062218.D

Acq: 19 Apr 2019 10:25

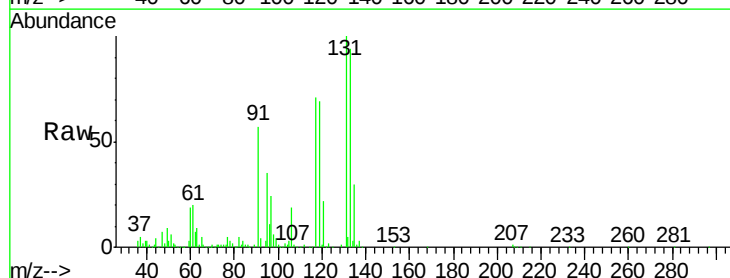
Tgt Ion:131 Resp: 257825

Ion Ratio Lower Upper

131 100

133 95.6 47.7 143.1

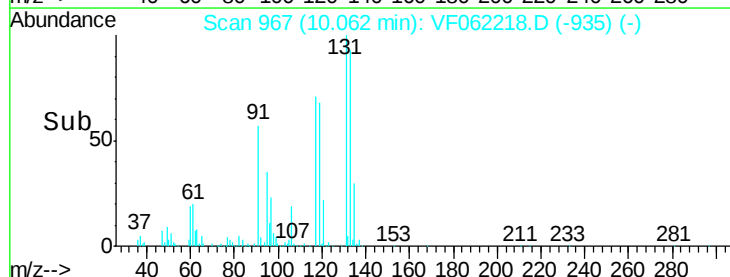
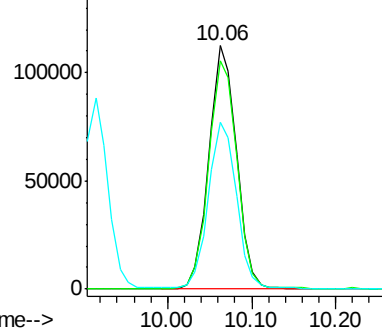
119 70.1 34.6 103.9

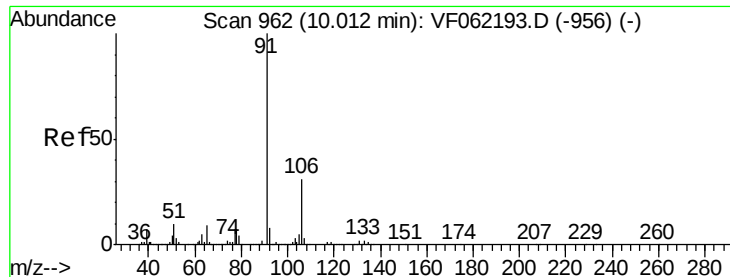


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

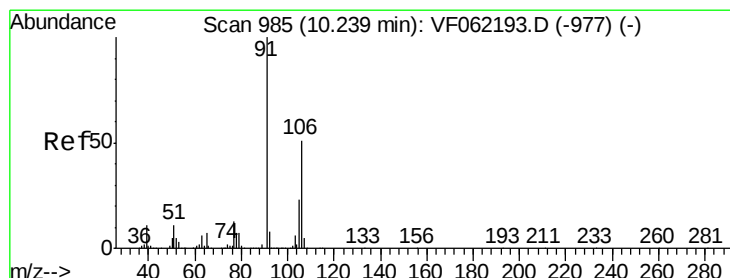
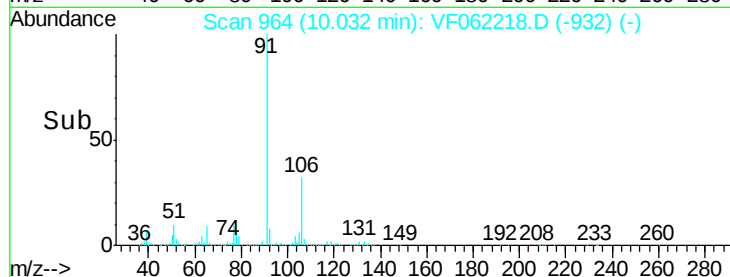
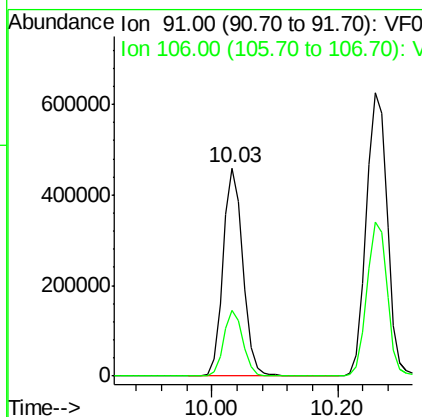
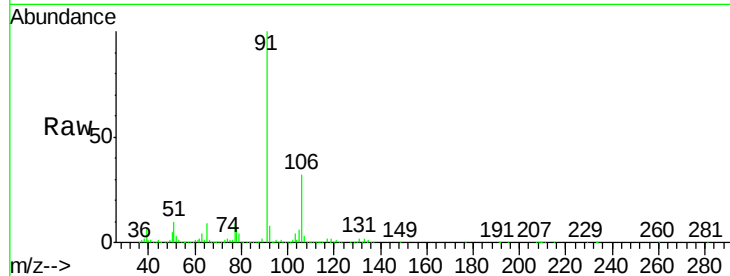
Ion 118.80 (118.50 to 119.50): V





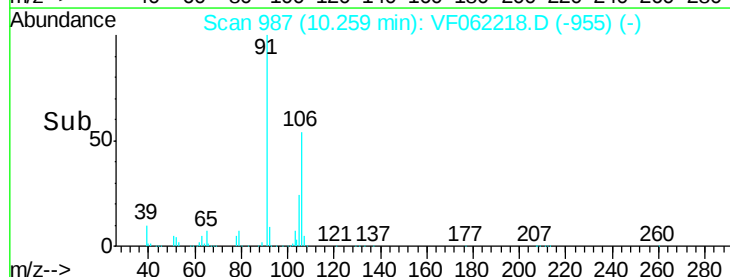
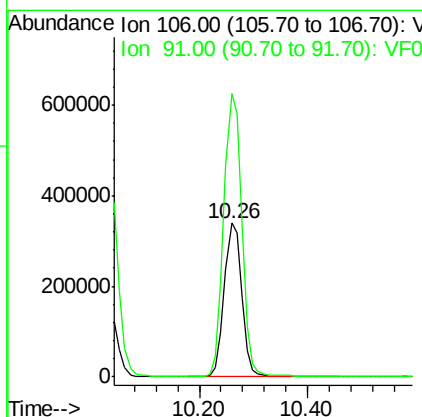
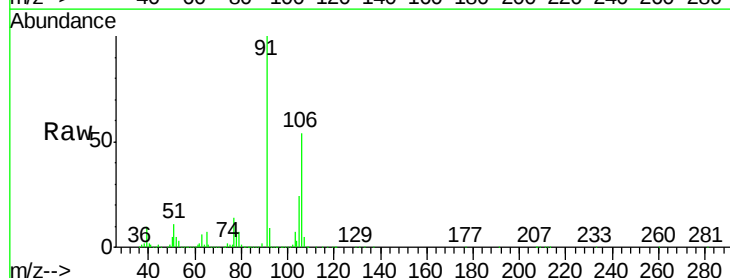
#67
Ethyl Benzene
Concen: 46.165 ug/l
RT: 10.03 min Scan# 964
Delta R.T. 0.02 min
Lab File: VF062218.D
Acq: 19 Apr 2019 10:25

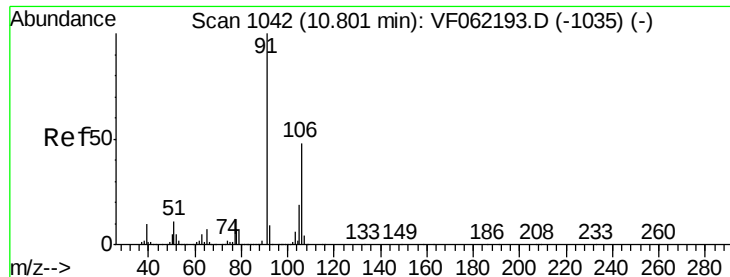
Tot Ion: 91 Resp: 1007736
Ion Ratio Lower Upper
91 100
106 31.6 24.9 37.3



#68
m/p-Xylenes
Concen: 94.025 ug/l
RT: 10.26 min Scan# 987
Delta R.T. 0.02 min
Lab File: VF062218.D
Acq: 19 Apr 2019 10:25

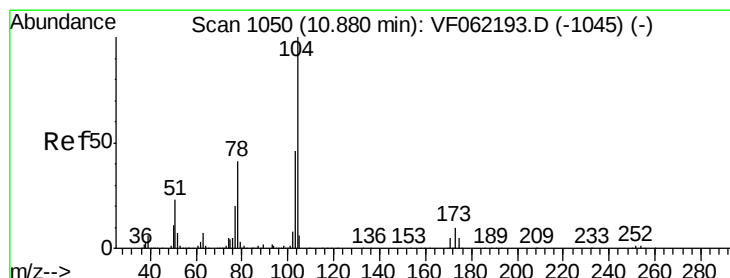
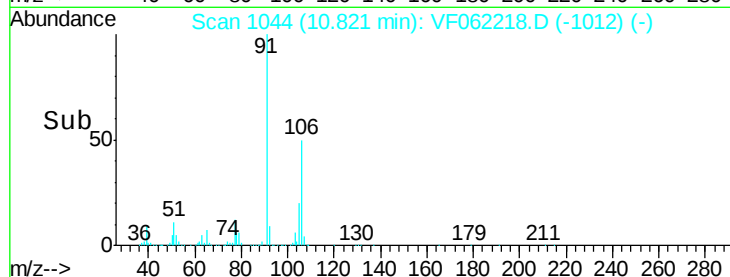
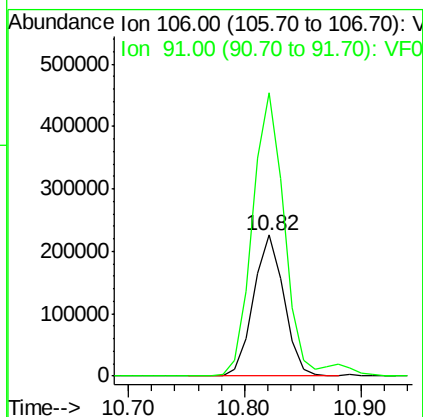
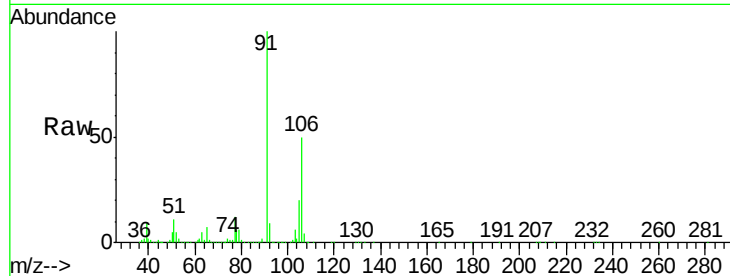
Tgt Ion: 106 Resp: 755561
Ion Ratio Lower Upper
106 100
91 190.1 159.1 238.7





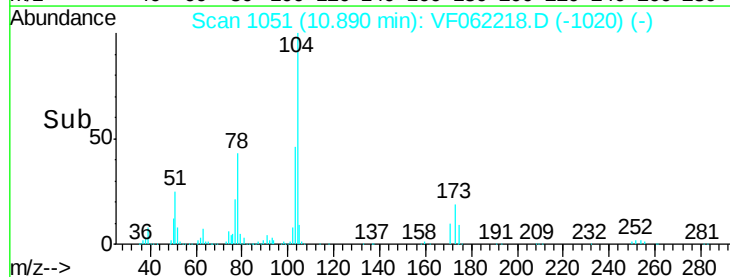
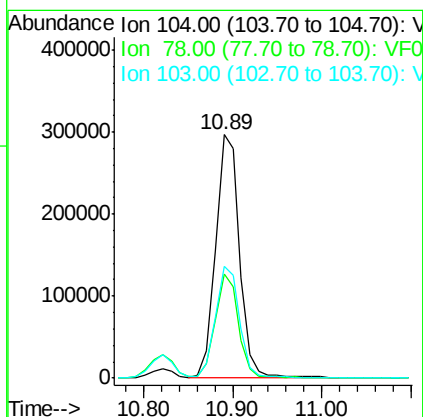
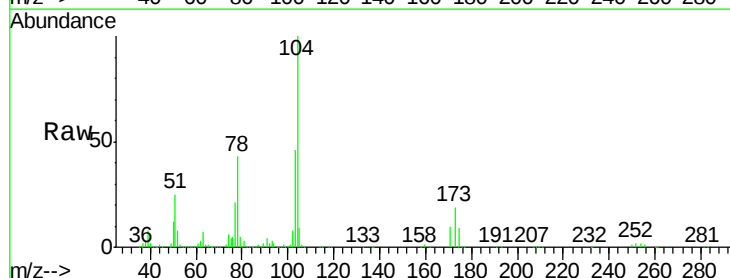
#69
o-Xylene
Concen: 45.769 ug/l
RT: 10.82 min Scan# 1044
Delta R.T. 0.02 min
Lab File: VF062218.D
Acq: 19 Apr 2019 10:25

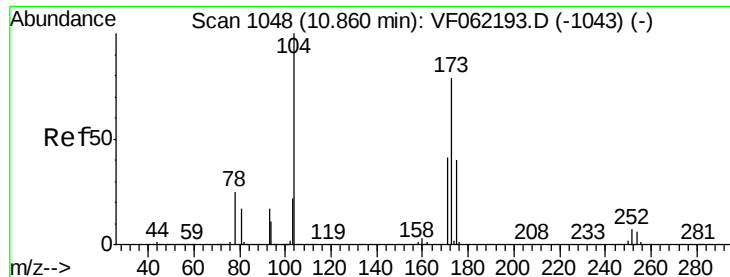
Tot Ion:106 Resp: 408349
Ion Ratio Lower Upper
106 100
91 215.6 107.5 322.4



#70
Styrene
Concen: 43.958 ug/l
RT: 10.89 min Scan# 1051
Delta R.T. 0.01 min
Lab File: VF062218.D
Acq: 19 Apr 2019 10:25

Tgt Ion:104 Resp: 553463
Ion Ratio Lower Upper
104 100
78 41.4 34.5 51.7
103 47.1 37.2 55.8





#71

Bromoform

Concen: 46.623 ug/l

RT: 10.88 min Scan# 1050

Delta R.T. 0.02 min

Lab File: VF062218.D

Acq: 19 Apr 2019 10:25

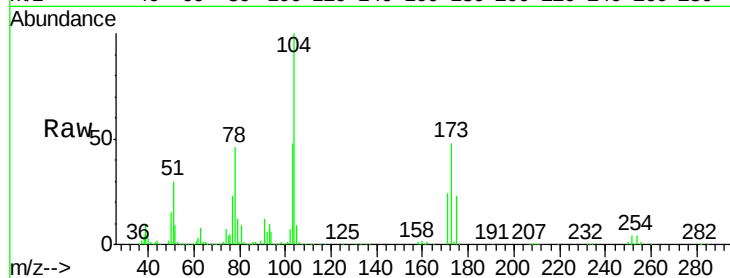
Tot Ion:173 Resp: 138383

Ion Ratio Lower Upper

173 100

175 48.0 24.5 73.5

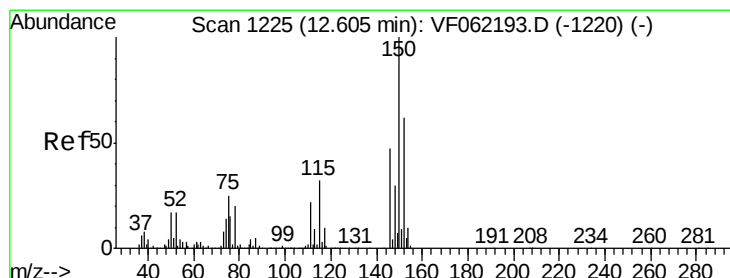
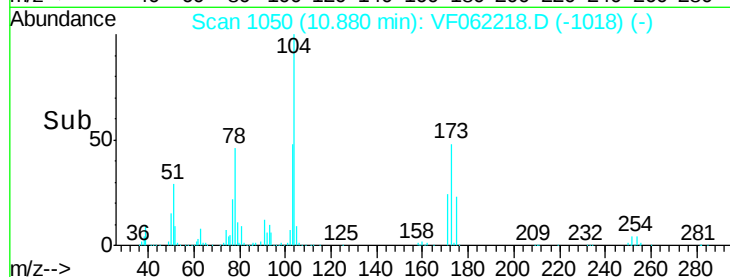
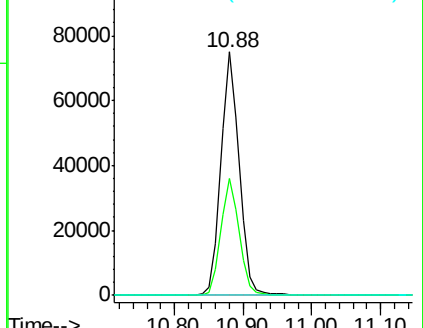
254 0.1 0.1 0.1#



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.62 min Scan# 1226

Delta R.T. 0.01 min

Lab File: VF062218.D

Acq: 19 Apr 2019 10:25

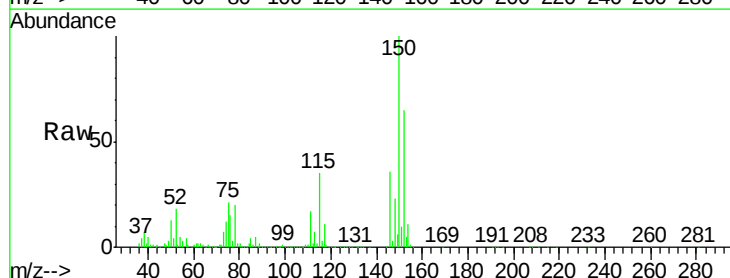
Tgt Ion:152 Resp: 276233

Ion Ratio Lower Upper

152 100

115 53.5 27.8 83.3

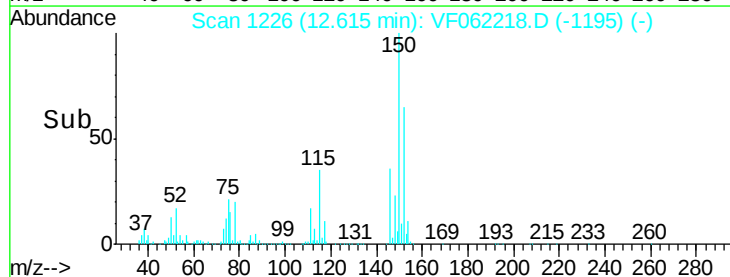
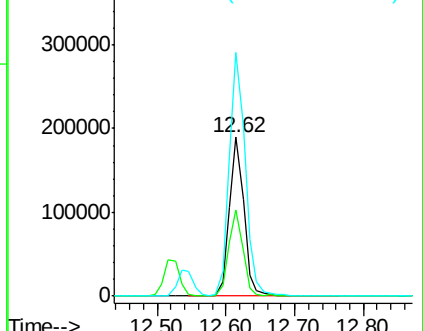
150 169.5 0.0 341.8

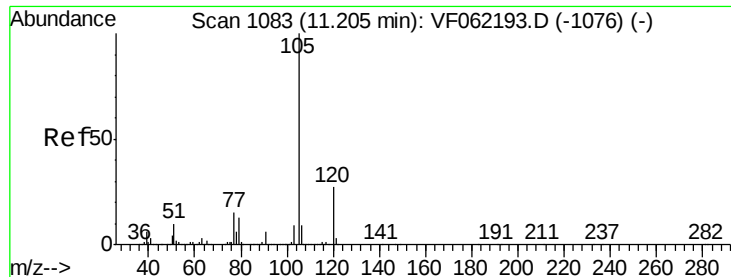


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 48.292 ug/l

RT: 11.22 min Scan# 1084

Delta R.T. 0.01 min

Lab File: VF062218.D

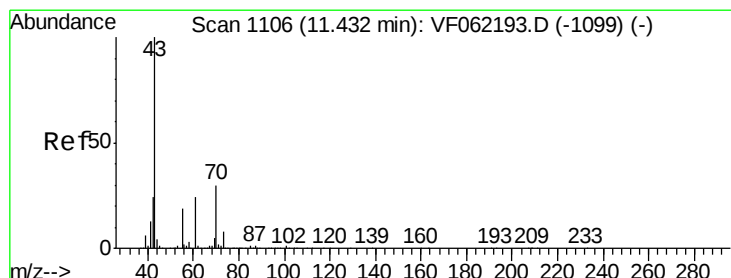
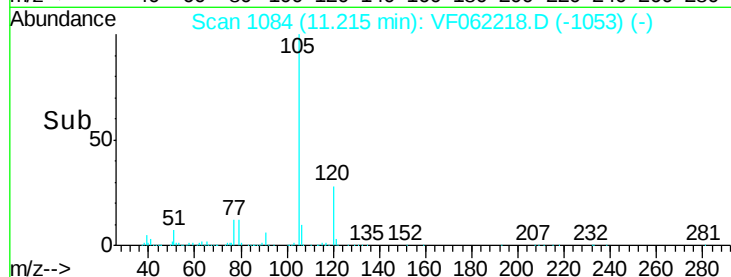
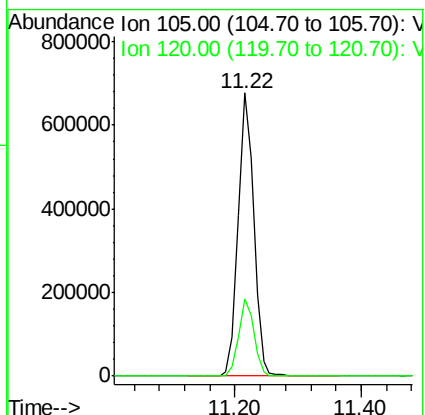
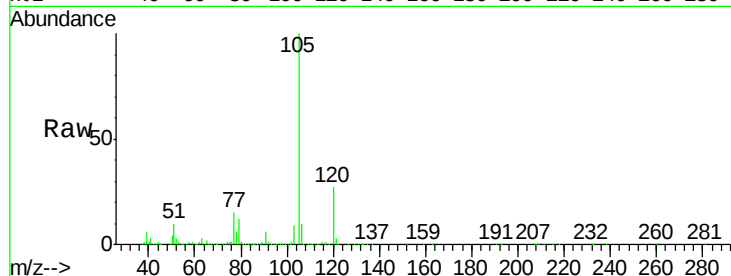
Acq: 19 Apr 2019 10:25

Tot Ion: 105 Resp: 1145905

Ion Ratio Lower Upper

105 100

120 26.4 13.0 38.9



#74

N-ethyl acetate

Concen: 43.896 ug/l

RT: 11.45 min Scan# 1108

Delta R.T. 0.02 min

Lab File: VF062218.D

Acq: 19 Apr 2019 10:25

Tgt Ion: 43 Resp: 248646

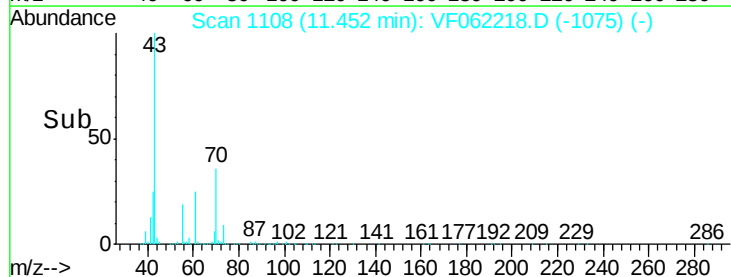
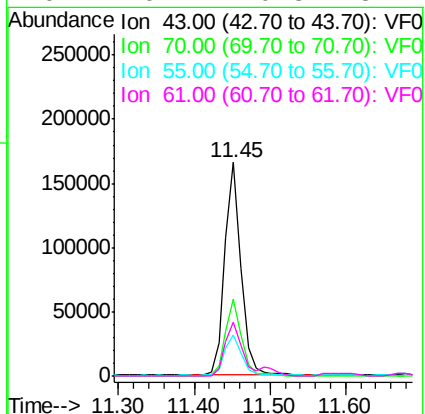
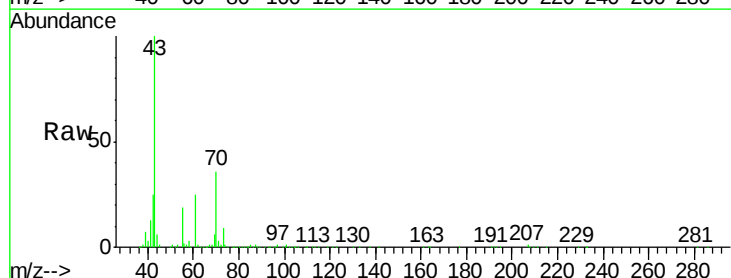
Ion Ratio Lower Upper

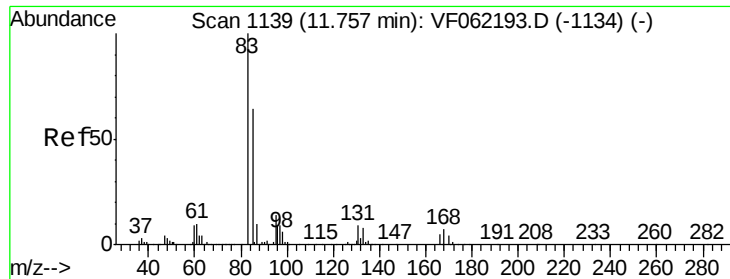
43 100

70 35.8 27.0 40.4

55 19.9 15.7 23.5

61 26.2 20.8 31.2





#75

1,1,2,2-Tetrachloroethane

Concen: 48.028 ug/l

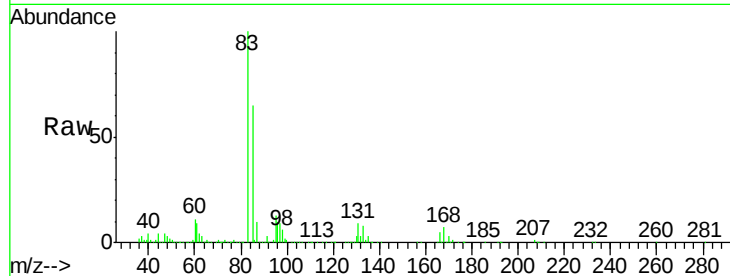
RT: 11.77 min Scan# 1140

Delta R.T. 0.01 min

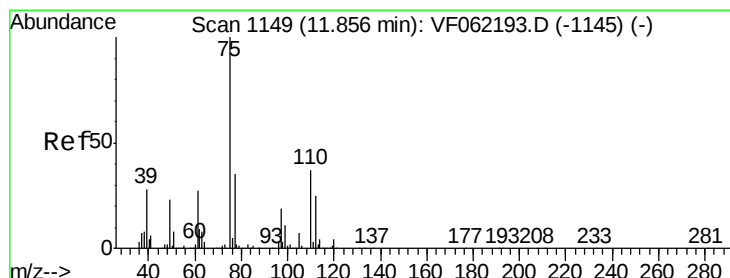
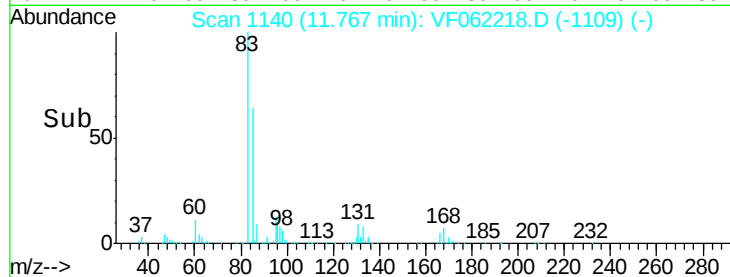
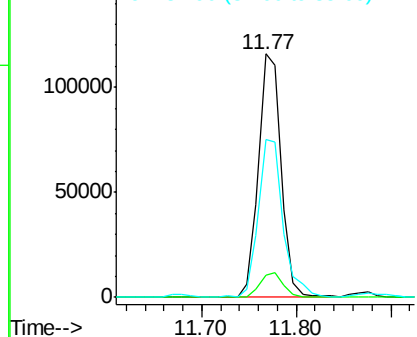
Lab File: VF062218.D

Acq: 19 Apr 2019 10:25

Tot Ion:	83	Resp:	195991
Ion	Ratio	Lower	Upper
83	100		
131	10.2	4.5	13.5
85	69.5	34.7	104.1



Abundance Ion 82.90 (82.60 to 83.60): VF0
Ion 130.80 (130.50 to 131.50): V
Ion 84.90 (84.60 to 85.60): VF0



#76

1,2,3-Trichloropropane

Concen: 47.033 ug/l

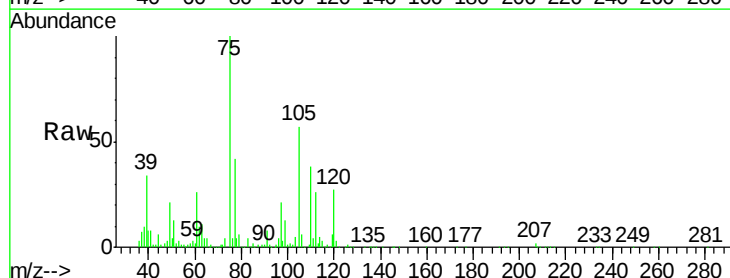
RT: 11.88 min Scan# 1151

Delta R.T. 0.02 min

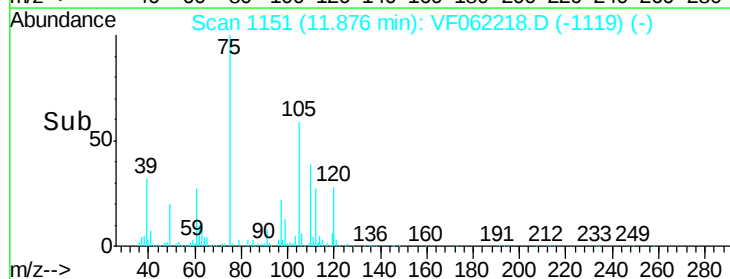
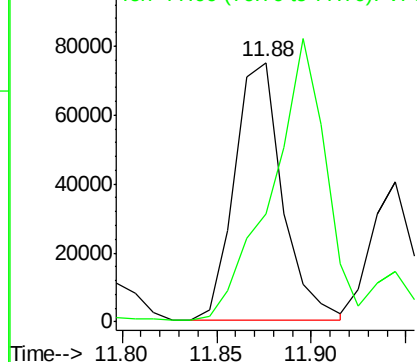
Lab File: VF062218.D

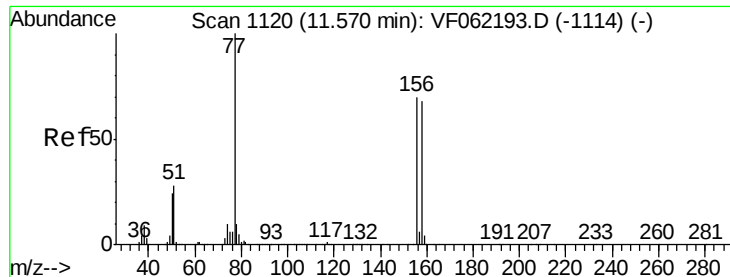
Acq: 19 Apr 2019 10:25

Tgt Ion:	75	Resp:	132049
Ion	Ratio	Lower	Upper
75	100		
77	122.0	7.4	22.2#



Abundance Ion 74.90 (74.60 to 75.60): VF0
Ion 77.00 (76.70 to 77.70): VF0





#77

Bromobenzene

Concen: 51.651 ug/l

RT: 11.58 min Scan# 1121

Delta R.T. 0.01 min

Lab File: VF062218.D

Acq: 19 Apr 2019 10:25

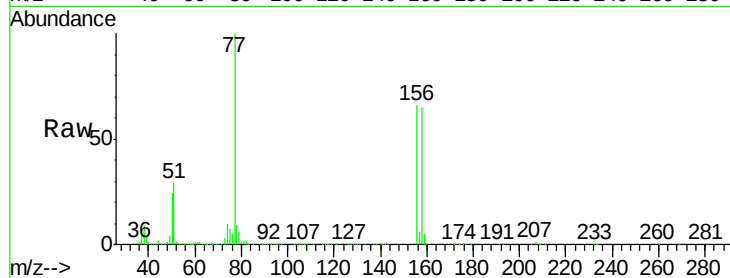
Tot Ion: 156 Resp: 262550

Ion Ratio Lower Upper

156 100

77 149.6 80.9 242.7

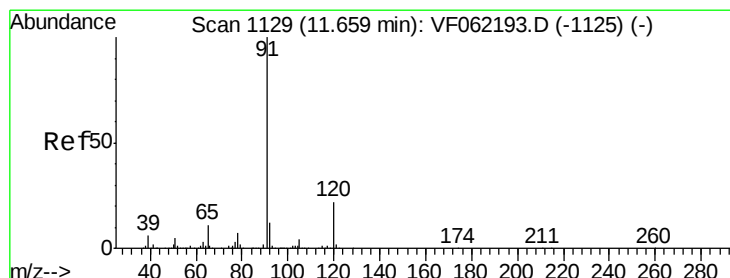
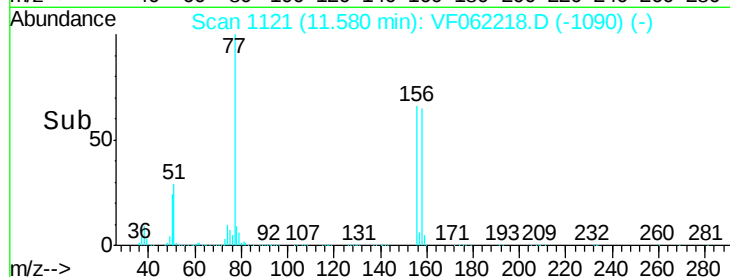
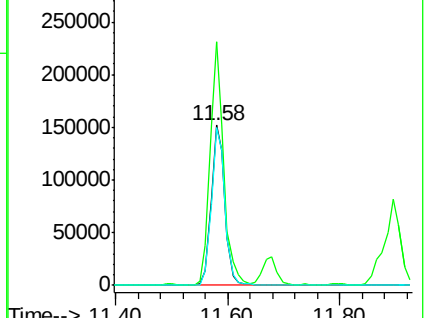
158 97.6 49.8 149.4



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VF0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 46.435 ug/l

RT: 11.68 min Scan# 1131

Delta R.T. 0.02 min

Lab File: VF062218.D

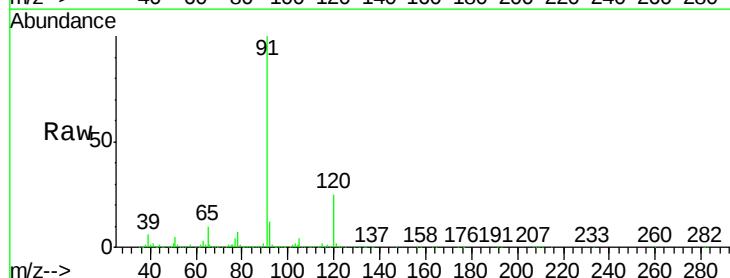
Acq: 19 Apr 2019 10:25

Tgt Ion: 91 Resp: 1162350

Ion Ratio Lower Upper

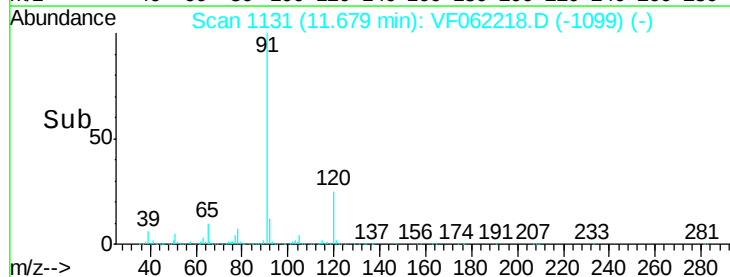
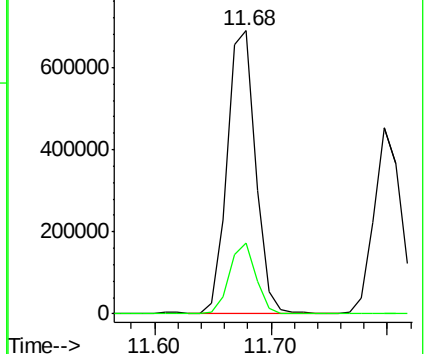
91 100

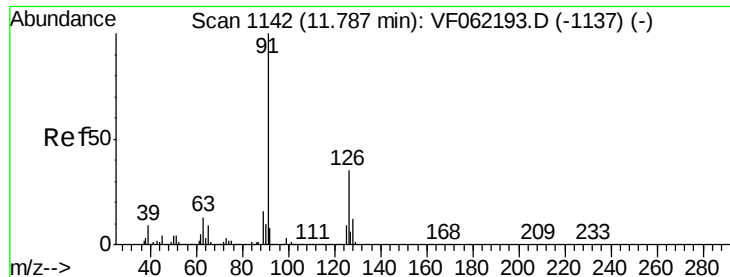
120 23.4 11.2 33.6



Abundance Ion 91.00 (90.70 to 91.70): VF0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 47.503 ug/l

RT: 11.80 min Scan# 1143

Delta R.T. 0.01 min

Lab File: VF062218.D

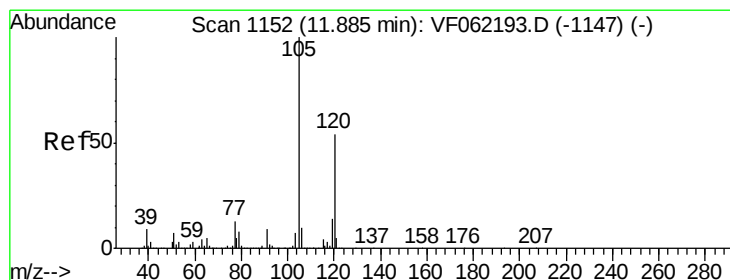
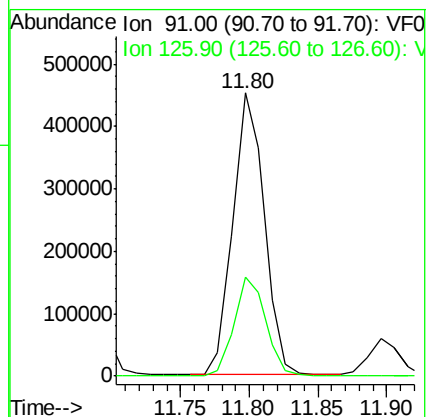
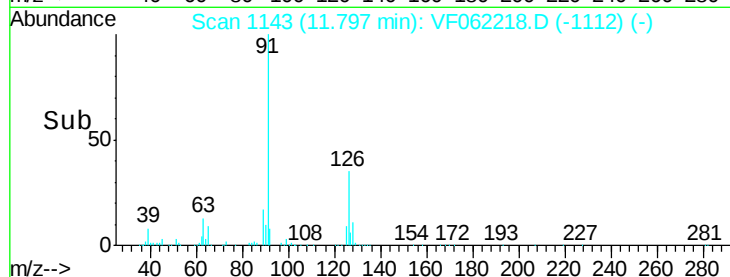
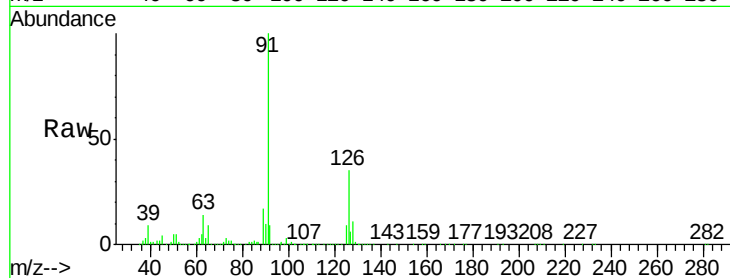
Acq: 19 Apr 2019 10:25

Tot Ion: 91 Resp: 721297

Ion Ratio Lower Upper

91 100

126 35.6 16.9 50.6



#80

1,3,5-Trimethylbenzene

Concen: 47.450 ug/l

RT: 11.90 min Scan# 1153

Delta R.T. 0.01 min

Lab File: VF062218.D

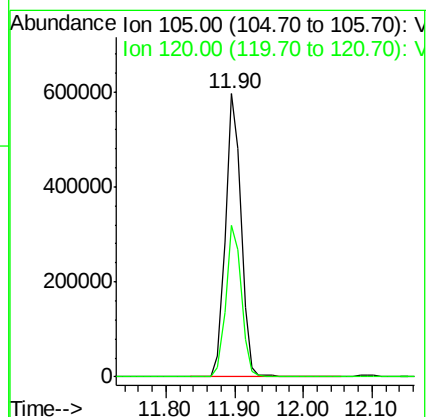
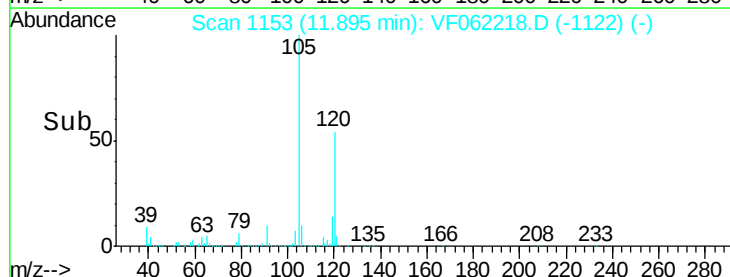
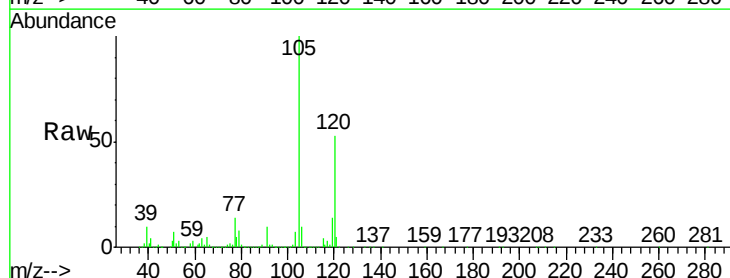
Acq: 19 Apr 2019 10:25

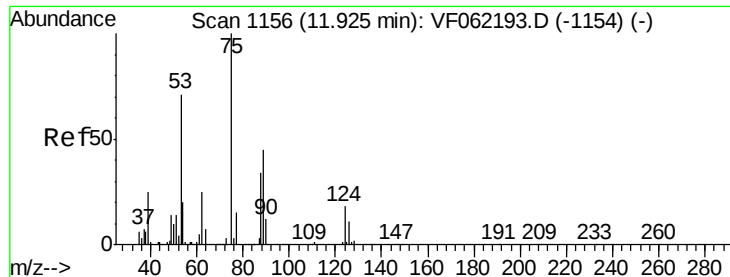
Tgt Ion: 105 Resp: 937752

Ion Ratio Lower Upper

105 100

120 53.1 26.2 78.5





#81

trans-1,4-Dichloro-2-butene

Concen: 46.210 ug/l m

RT: 11.94 min Scan# 1158

Delta R.T. 0.02 min

Lab File: VF062218.D

Acq: 19 Apr 2019 10:25

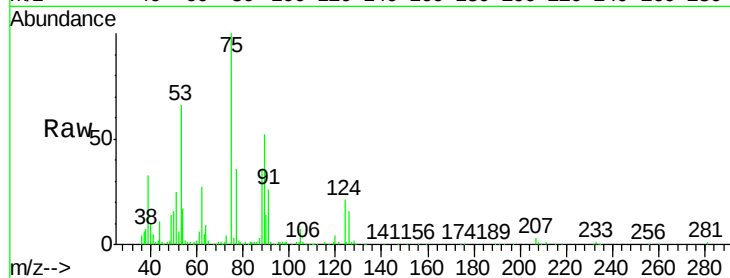
Tot Ion: 75 Resp: 66166

Ion Ratio Lower Upper

75 100

53 63.5 50.2 75.4

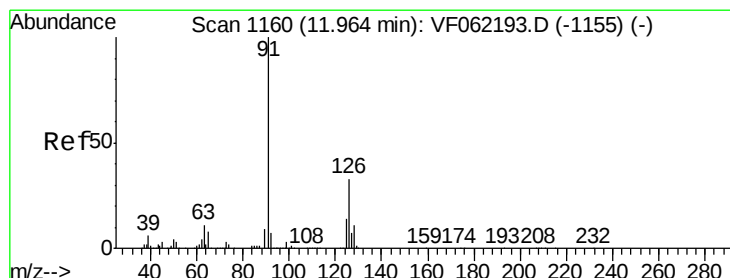
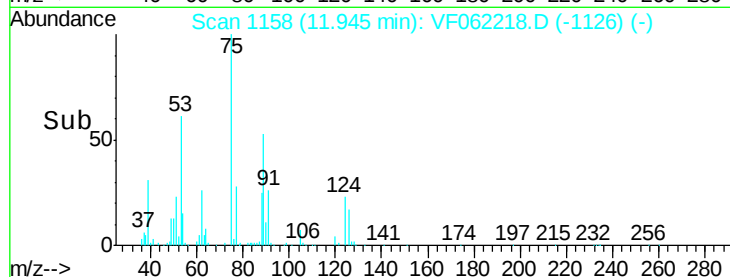
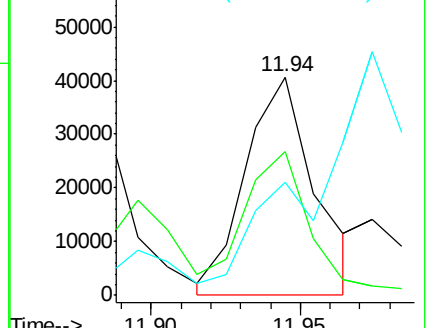
89 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VF0

Ion 53.00 (52.70 to 53.70): VF0

Ion 88.90 (88.60 to 89.60): VF0



#82

4-Chlorotoluene

Concen: 46.490 ug/l

RT: 11.97 min Scan# 1161

Delta R.T. 0.01 min

Lab File: VF062218.D

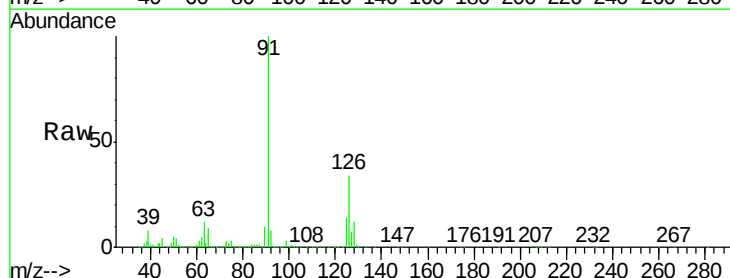
Acq: 19 Apr 2019 10:25

Tgt Ion: 91 Resp: 682209

Ion Ratio Lower Upper

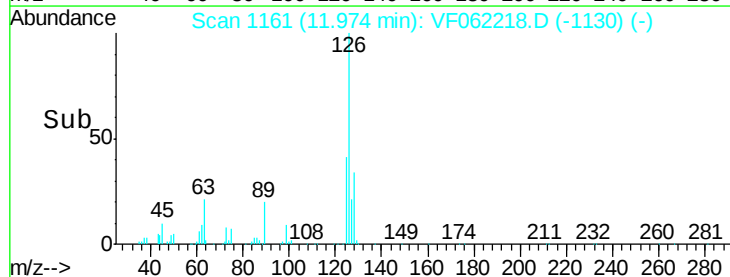
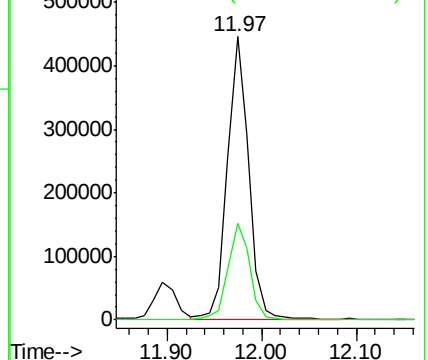
91 100

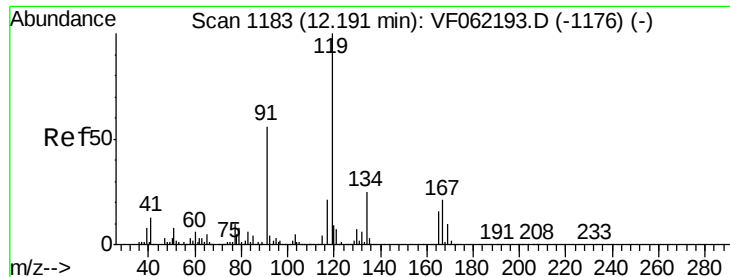
126 35.6 16.9 50.6



Abundance Ion 91.00 (90.70 to 91.70): VF0

Ion 125.90 (125.60 to 126.60): V





#83

tert-Butylbenzene

Concen: 47.832 ug/l

RT: 12.20 min Scan# 1184

Delta R.T. 0.01 min

Lab File: VF062218.D

Acq: 19 Apr 2019 10:25

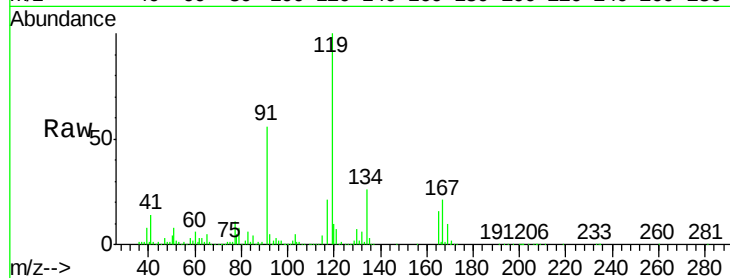
Tot Ion:119 Resp: 977571

Ion Ratio Lower Upper

119 100

91 56.4 29.4 88.2

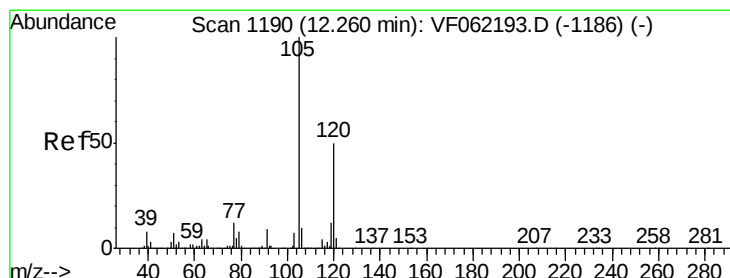
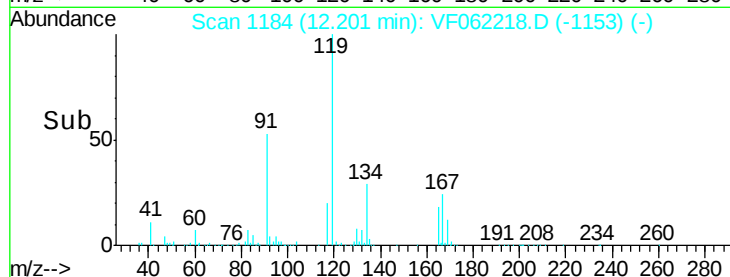
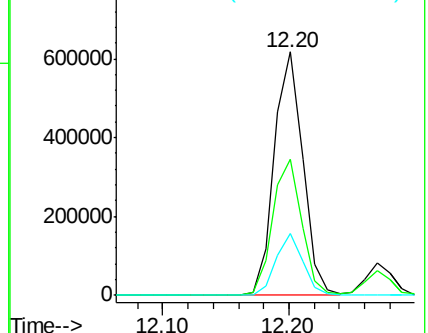
134 24.2 11.8 35.3



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VF0

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 47.363 ug/l

RT: 12.27 min Scan# 1191

Delta R.T. 0.01 min

Lab File: VF062218.D

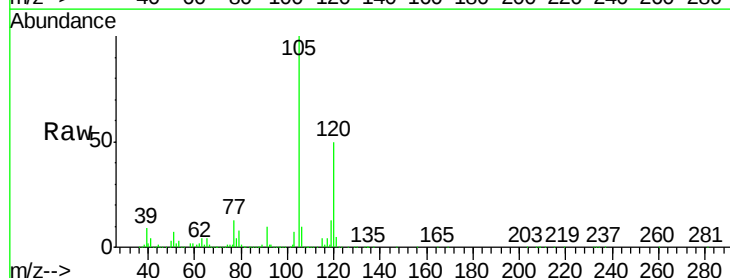
Acq: 19 Apr 2019 10:25

Tgt Ion:105 Resp: 905801

Ion Ratio Lower Upper

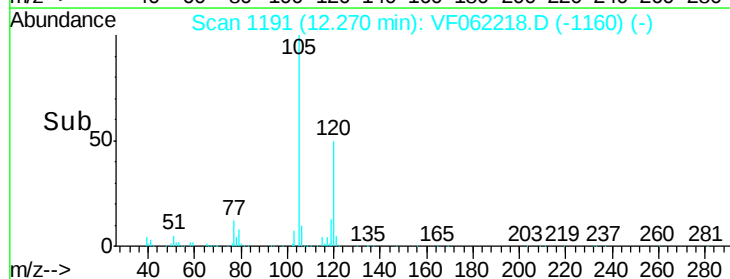
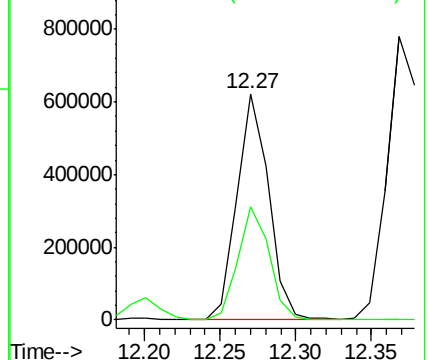
105 100

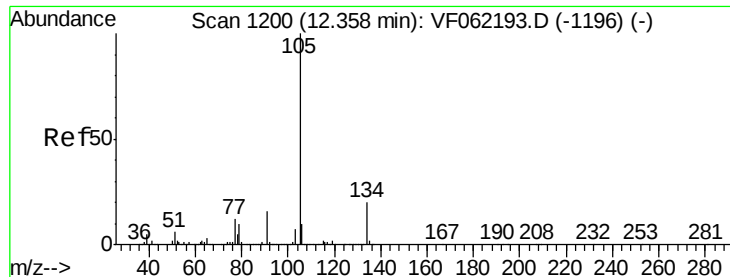
120 49.3 24.0 72.0



Abundance Ion 105.00 (104.70 to 105.70): V

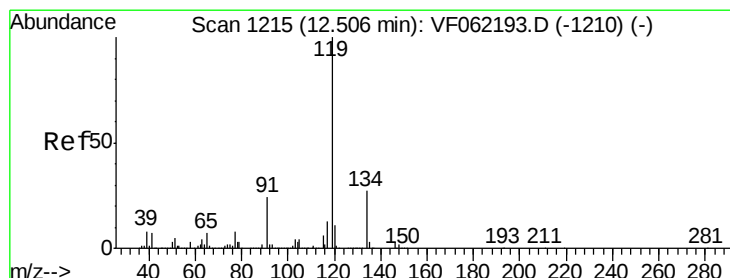
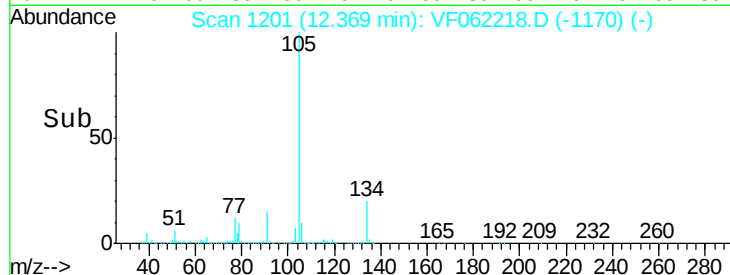
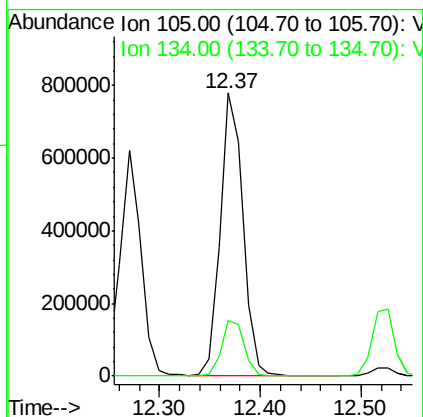
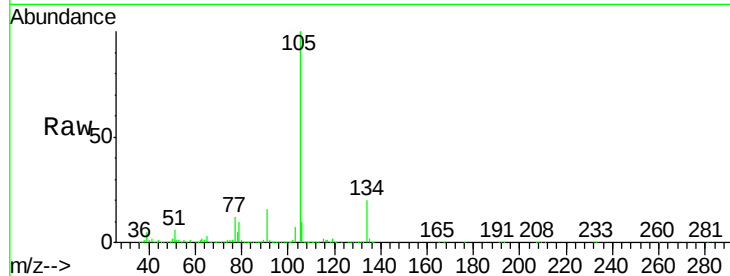
Ion 120.00 (119.70 to 120.70): V





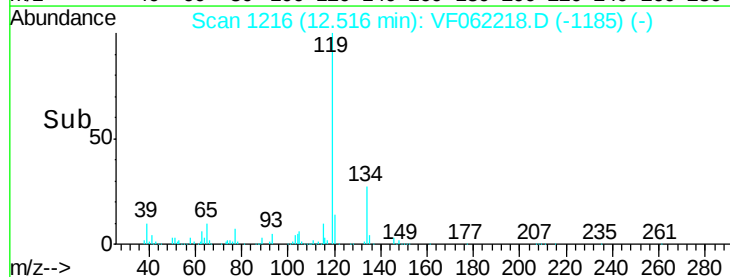
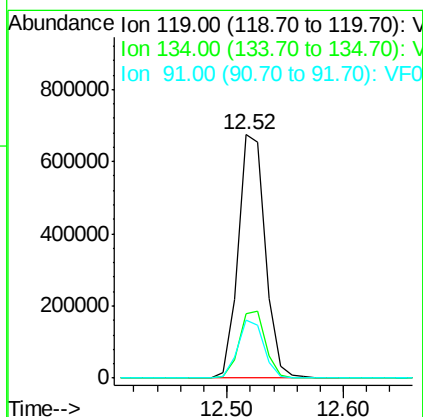
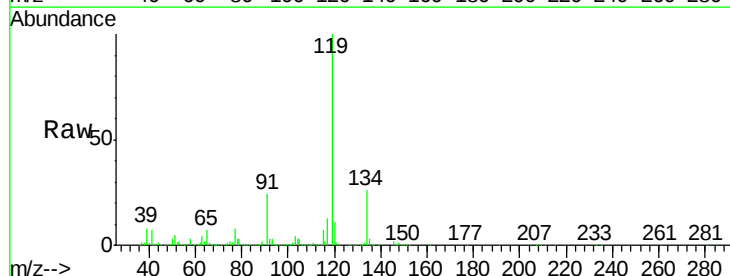
#85
 sec-Butylbenzene
 Concen: 46.065 ug/l
 RT: 12.37 min Scan# 1201
 Delta R.T. 0.01 min
 Lab File: VF062218.D
 Acq: 19 Apr 2019 10:25

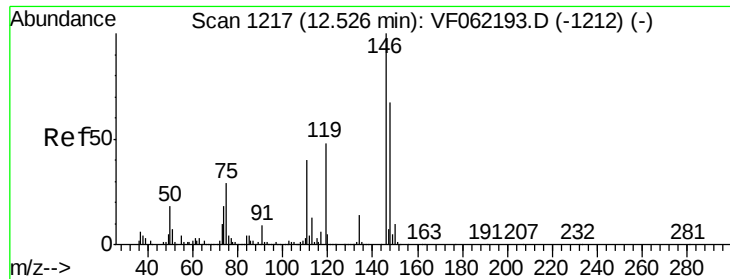
Tot Ion:105 Resp: 1222271
 Ion Ratio Lower Upper
 105 100
 134 19.7 9.7 29.1



#86
 p-Isopropyltoluene
 Concen: 48.060 ug/l
 RT: 12.52 min Scan# 1216
 Delta R.T. 0.01 min
 Lab File: VF062218.D
 Acq: 19 Apr 2019 10:25

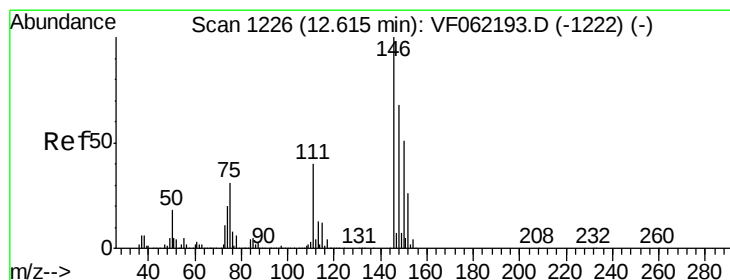
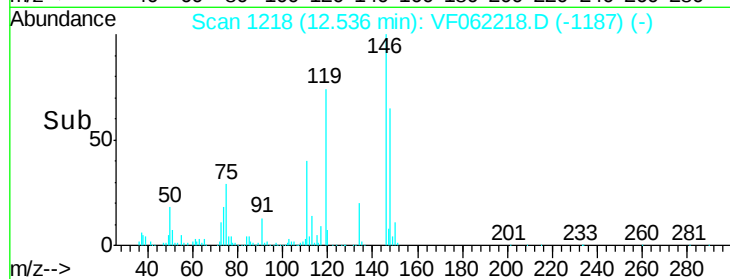
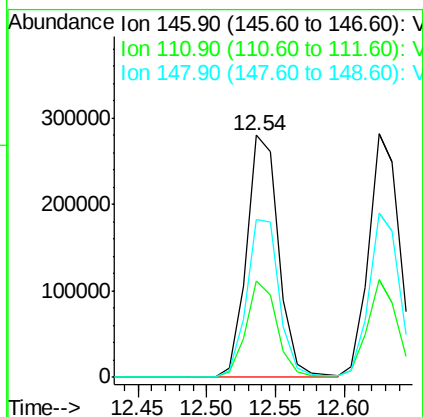
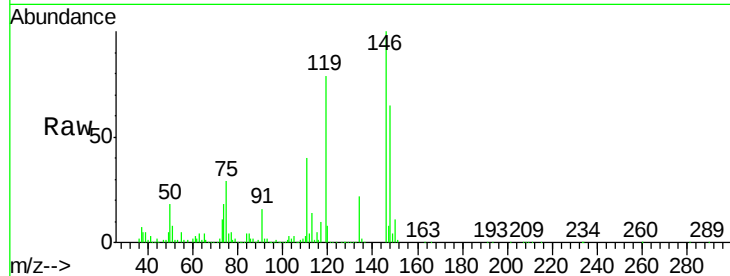
Tgt Ion:119 Resp: 1081718
 Ion Ratio Lower Upper
 119 100
 134 26.8 13.2 39.5
 91 23.1 11.7 35.1





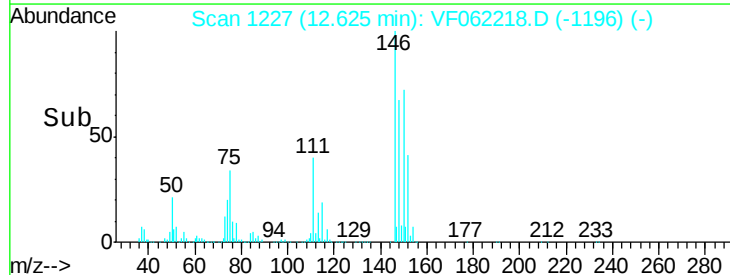
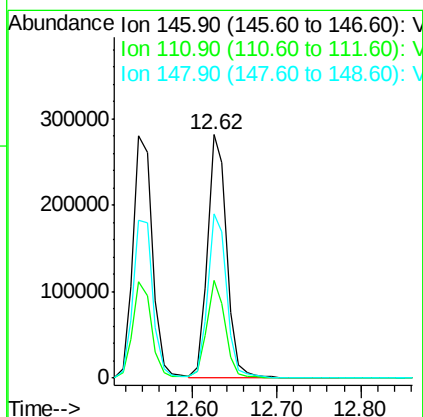
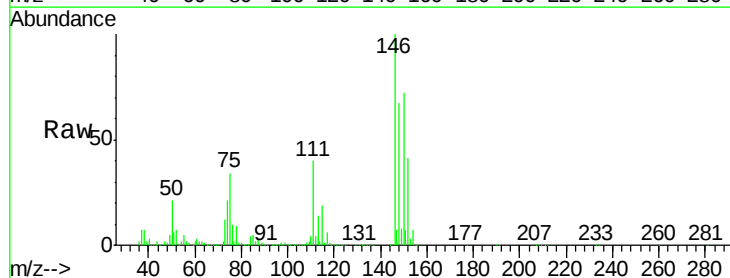
#87
 1,3-Dichlorobenzene
 Concen: 48.608 ug/l
 RT: 12.54 min Scan# 1218
 Delta R.T. 0.01 min
 Lab File: VF062218.D
 Acq: 19 Apr 2019 10:25

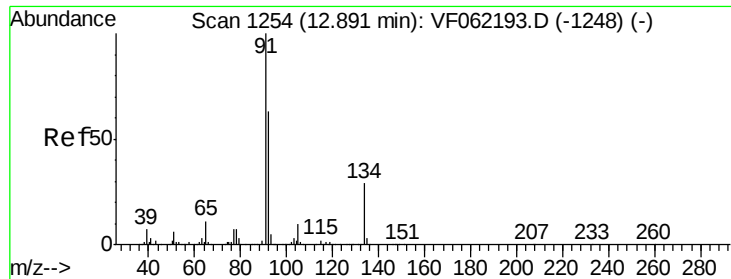
Tot Ion	Ratio	Lower	Upper
146	100		
111	38.2	19.7	59.0
148	66.4	32.9	98.6



#88
 1,4-Dichlorobenzene
 Concen: 49.100 ug/l
 RT: 12.62 min Scan# 1227
 Delta R.T. 0.01 min
 Lab File: VF062218.D
 Acq: 19 Apr 2019 10:25

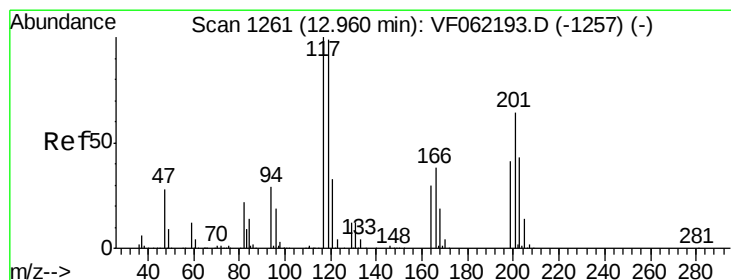
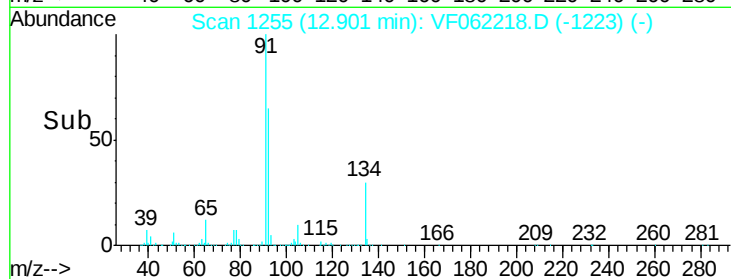
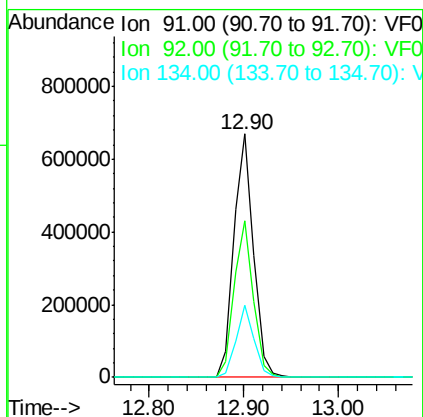
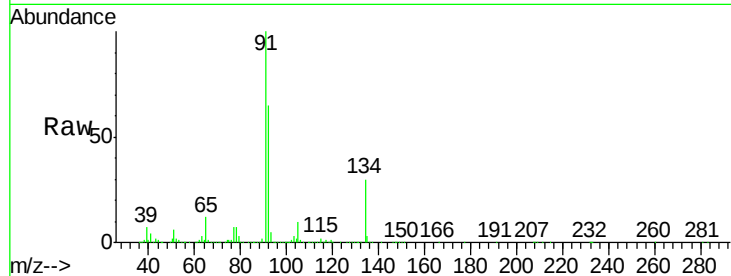
Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.3	20.0	60.0
148	66.3	33.6	100.8





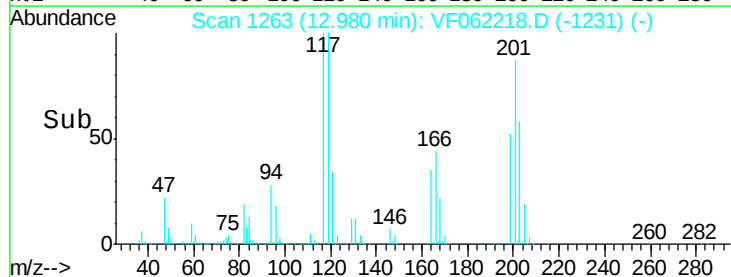
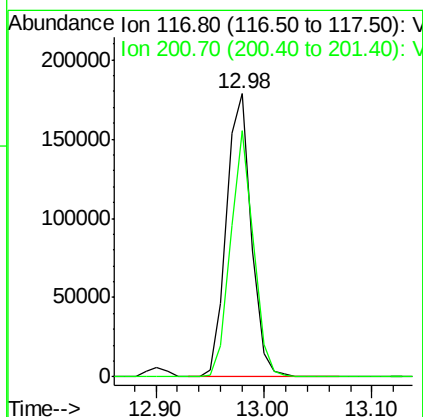
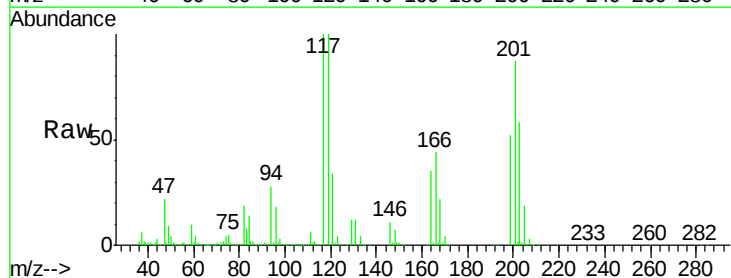
#89
n-Butylbenzene
Concen: 51.857 ug/l
RT: 12.90 min Scan# 1255
Delta R.T. 0.01 min
Lab File: VF062218.D
Acq: 19 Apr 2019 10:25

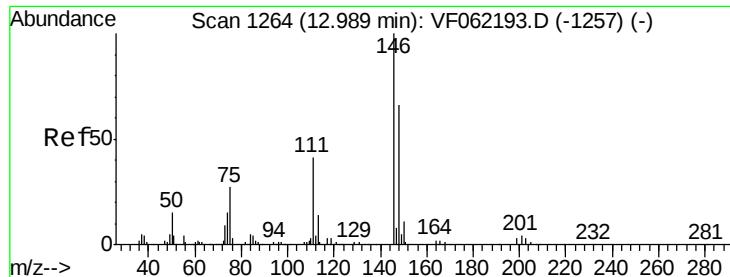
Tot Ion	Ratio	Lower	Upper
91	100		
92	63.3	31.2	93.6
134	27.3	13.1	39.1



#90
Hexachloroethane
Concen: 49.346 ug/l
RT: 12.98 min Scan# 1263
Delta R.T. 0.02 min
Lab File: VF062218.D
Acq: 19 Apr 2019 10:25

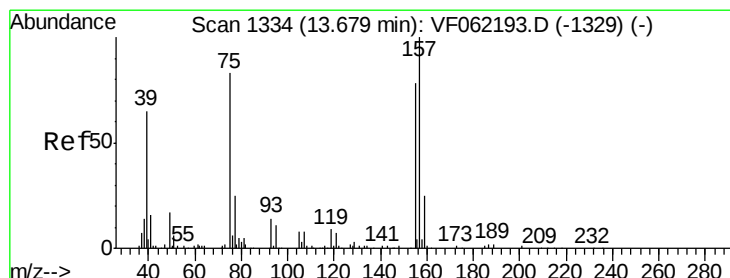
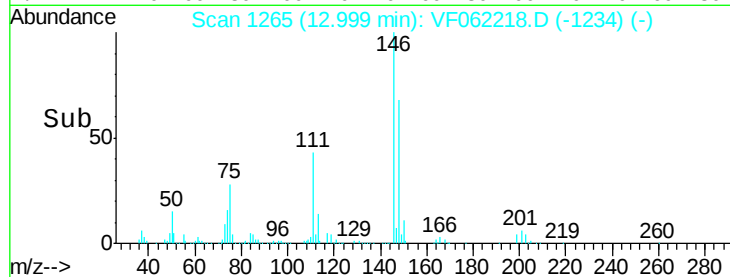
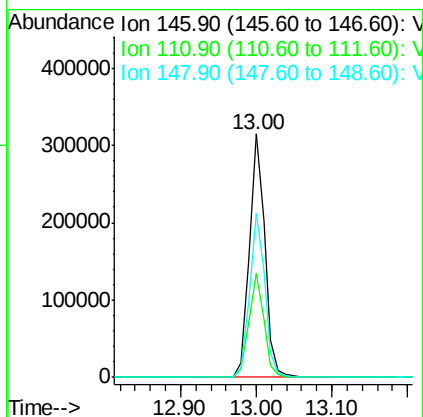
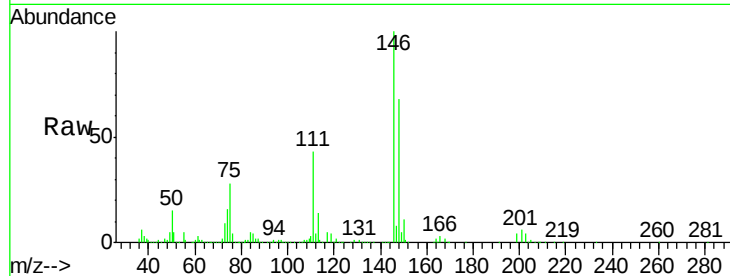
Tgt Ion	Ratio	Lower	Upper
117	100		
201	80.4	37.7	113.1





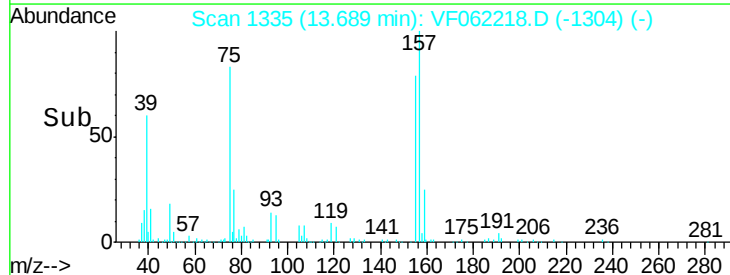
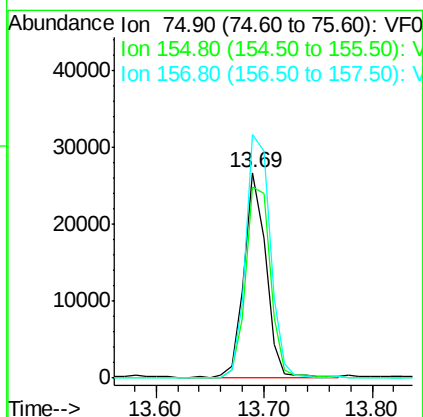
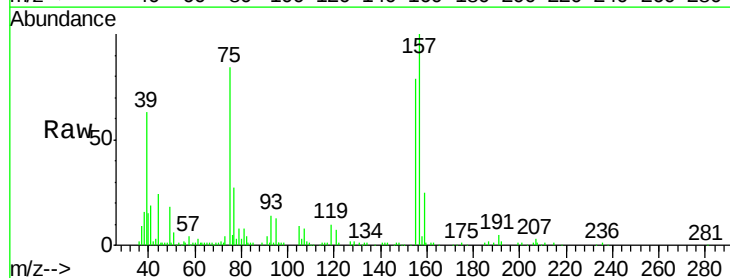
#91
 1,2-Dichlorobenzene
 Concen: 48.593 ug/l
 RT: 13.00 min Scan# 1265
 Delta R.T. 0.01 min
 Lab File: VF062218.D
 Acq: 19 Apr 2019 10:25

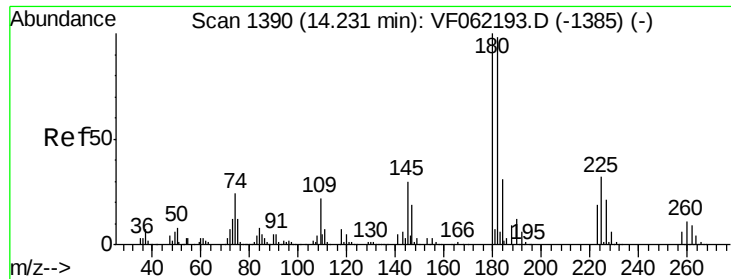
Tot Ion	Ratio	Lower	Upper
146	100		
111	41.7	20.8	62.5
148	67.5	33.0	99.0



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 47.584 ug/l
 RT: 13.69 min Scan# 1335
 Delta R.T. 0.01 min
 Lab File: VF062218.D
 Acq: 19 Apr 2019 10:25

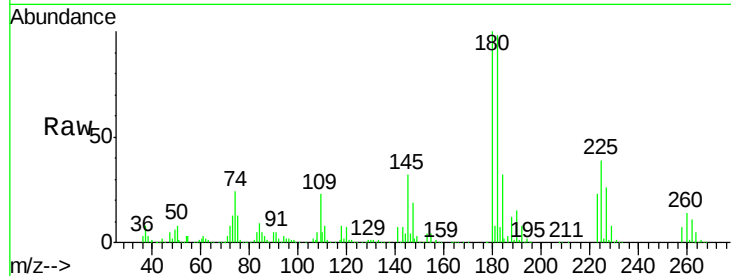
Tgt Ion	Ratio	Lower	Upper
75	100		
155	105.5	47.6	142.8
157	131.5	61.3	183.9



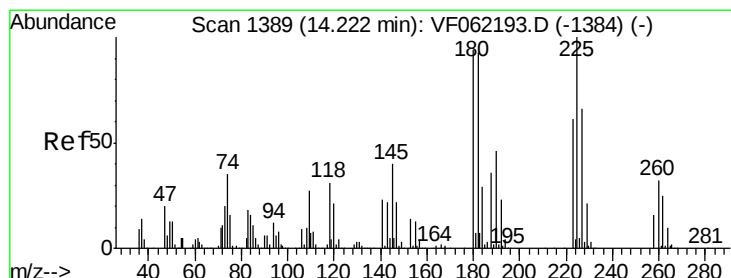
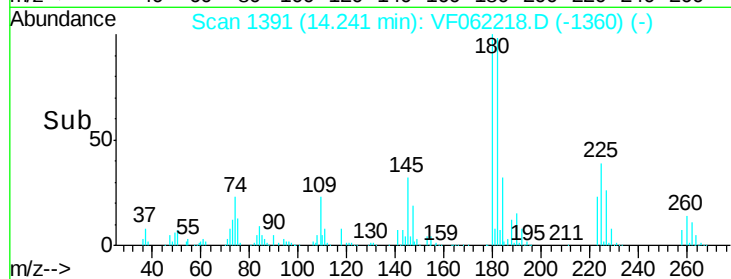
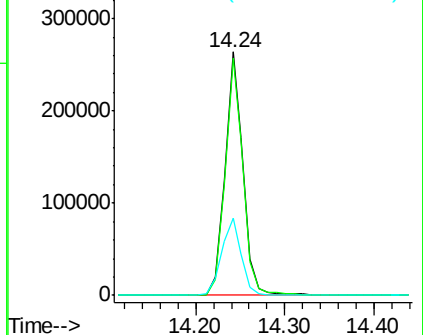


#93
 1,2,4-Trichlorobenzene
 Concen: 49.494 ug/l
 RT: 14.24 min Scan# 1391
 Delta R.T. 0.01 min
 Lab File: VF062218.D
 Acq: 19 Apr 2019 10:25

Tot Ion:180 Resp: 377173
 Ion Ratio Lower Upper
 180 100
 182 97.4 49.3 147.9
 145 34.8 18.1 54.4

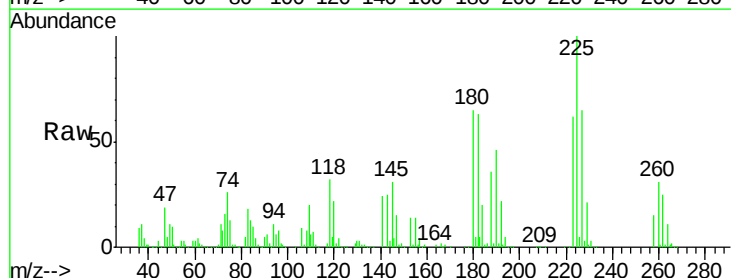


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

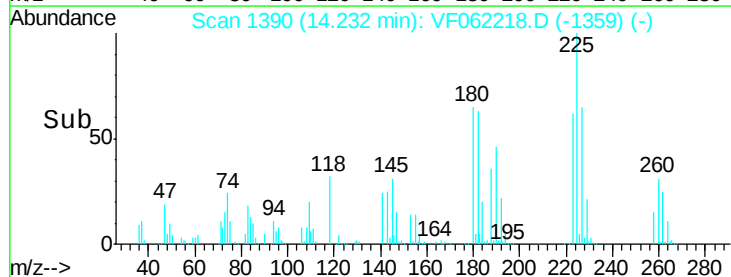
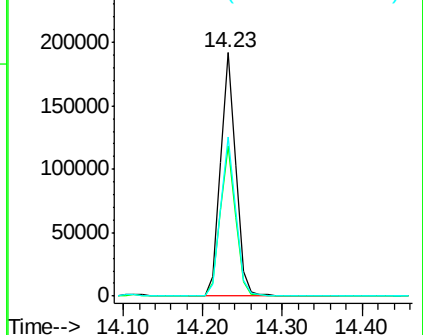


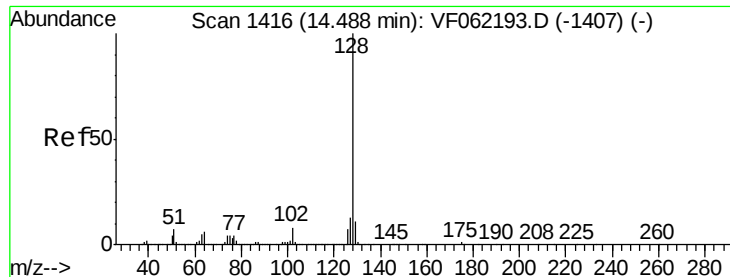
#94
 Hexachlorobutadiene
 Concen: 50.331 ug/l
 RT: 14.23 min Scan# 1390
 Delta R.T. 0.01 min
 Lab File: VF062218.D
 Acq: 19 Apr 2019 10:25

Tgt Ion:225 Resp: 262999
 Ion Ratio Lower Upper
 225 100
 223 61.9 31.0 93.0
 227 65.2 32.4 97.0



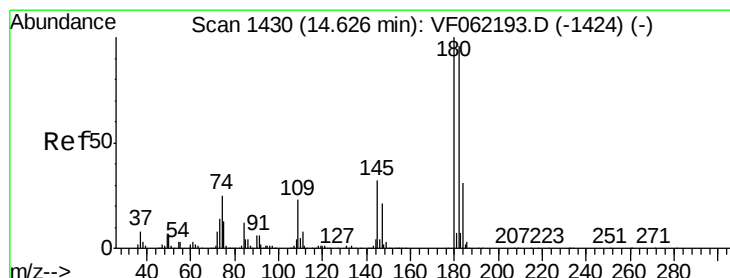
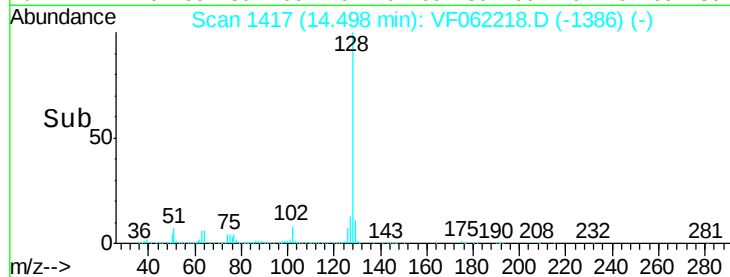
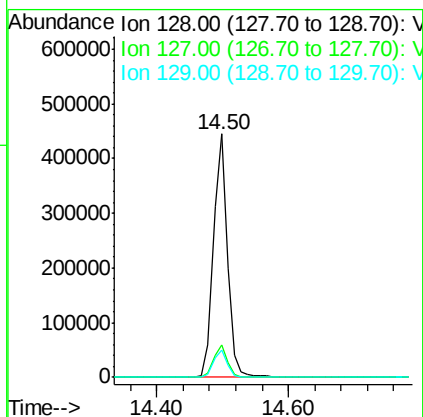
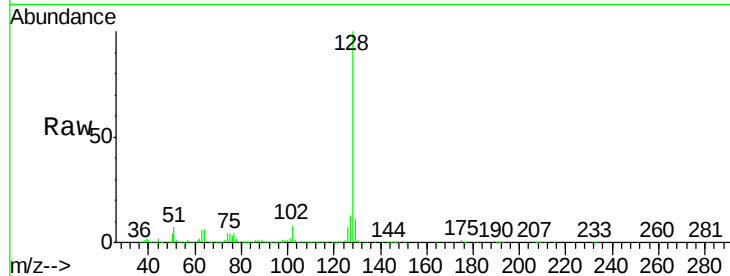
Abundance Ion 224.70 (224.40 to 225.40): V
 Ion 222.70 (222.40 to 223.40): V
 Ion 226.70 (226.40 to 227.40): V





#95
Naphthalene
Concen: 48.554 ug/l
RT: 14.50 min Scan# 1417
Delta R.T. 0.01 min
Lab File: VF062218.D
Acq: 19 Apr 2019 10:25

Tot Ion:128 Resp: 646975
Ion Ratio Lower Upper
128 100
127 13.1 10.4 15.6
129 11.2 9.2 13.8



#96
1,2,3-Trichlorobenzene
Concen: 50.597 ug/l
RT: 14.65 min Scan# 1432
Delta R.T. 0.02 min
Lab File: VF062218.D
Acq: 19 Apr 2019 10:25

Tgt Ion:180 Resp: 370173
Ion Ratio Lower Upper
180 100
182 98.4 48.4 145.3
145 30.7 15.6 46.8

