

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF041919\
 Data File : VF062235.D
 Acq On : 19 Apr 2019 20:04
 Operator : FY/SY
 Sample : K2241-03
 Misc : 5.00u/5mL/MSVOA F/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Quant Time: Apr 19 23:03:19 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	5.06	168	407666	50.00	ug/l	0.03
34) 1,4-Difluorobenzene	5.78	114	578743	50.00	ug/l	0.02
63) Chlorobenzene-d5	9.92	117	434560	50.00	ug/l	0.03
72) 1,4-Dichlorobenzene-d4	12.62	152	298562	50.00	ug/l	0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	5.04	65	217609	58.21	ug/l	0.03
Spiked Amount			Recovery	=	116.42%	
35) Dibromofluoromethane	4.32	113	291151	57.51	ug/l	0.03
Spiked Amount			Recovery	=	115.02%	
50) Toluene-d8	7.72	98	679222	53.00	ug/l	0.03
Spiked Amount			Recovery	=	106.00%	
62) 4-Bromofluorobenzene	11.50	95	279019	56.60	ug/l	0.02
Spiked Amount			Recovery	=	113.20%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.01	85	16284	2.628	ug/l	99
3) Chloromethane	1.16	50	15133	2.363	ug/l	99
4) Vinyl Chloride	1.21	62	12490	2.270	ug/l #	82
5) Bromomethane	1.40	94	11098	3.473	ug/l	86
6) Chloroethane	1.46	64	7469	3.248	ug/l #	83
7) Trichlorofluoromethane	1.57	101	9346	1.337	ug/l	86
8) Diethyl Ether	1.72	74	4147	2.851	ug/l	79
9) 1,1,2-Trichlorotrifluoroet	1.93	101	12761	2.673	ug/l	94
10) Methyl Iodide	2.00	142	16984	2.002	ug/l #	69
11) Tert butyl alcohol	2.71	59	3145	12.104	ug/l	99
12) 1,1-Dichloroethene	1.89	96	13173	2.901	ug/l #	79
13) Acrolein	2.11	56	2129	Below Cal	#	14
14) Allyl chloride	2.20	41	11135	2.137	ug/l #	72
15) Acrylonitrile	3.09	53	12017	15.184	ug/l	96
16) Acetone	2.36	43	13481	15.088	ug/l	99
17) Carbon Disulfide	1.93	76	22961	1.820	ug/l #	91
18) Methyl Acetate	2.48	43	15902	2.746	ug/l #	83
19) Methyl tert-butyl Ether	2.56	73	20425	2.547	ug/l #	81
20) Methylene Chloride	2.36	84	33650	1.608	ug/l	90
21) trans-1,2-Dichloroethene	2.43	96	12517	2.787	ug/l	91
22) Diisopropyl ether	2.94	45	33336	2.501	ug/l	95
23) Vinyl Acetate	3.36	43	69803	10.990	ug/l #	95
24) 1,1-Dichloroethane	3.02	63	18372	2.519	ug/l #	94
25) 2-Butanone	4.54	43	21134	11.829	ug/l #	91
26) 2,2-Dichloropropane	3.77	77	8401	2.282	ug/l	83
27) cis-1,2-Dichloroethene	3.65	96	14272	2.454	ug/l	91
28) Bromochloromethane	3.92	49	8174	2.340	ug/l #	94
29) Tetrahydrofuran	4.29	42	9970	12.329	ug/l #	87
30) Chloroform	4.07	83	24836	2.771	ug/l	86
31) Cyclohexane	3.88	56	13371	1.530	ug/l	94
32) 1,1,1-Trichloroethane	4.29	97	14223	2.168	ug/l #	91
36) 1,1-Dichloropropene	4.48	75	17592	2.535	ug/l	94
37) Ethyl Acetate	4.32	43	8108	2.476	ug/l #	83
38) Carbon Tetrachloride	4.19	117	16181	2.635	ug/l	92

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF041919\
 Data File : VF062235.D
 Acq On : 19 Apr 2019 20:04
 Operator : FY/SY
 Sample : K2241-03
 Misc : 5.00µ/5mL/MSVOA F/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Quant Time: Apr 19 23:03:19 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)

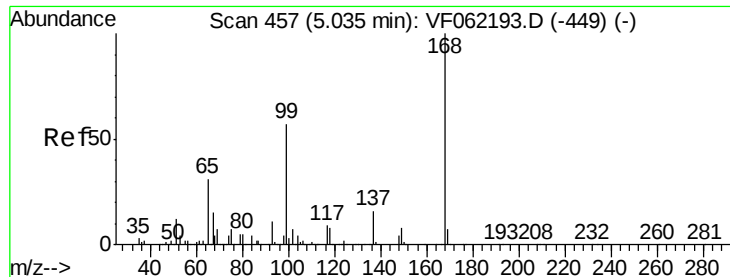
39) Methylcyclohexane	5.65	83	19852	2.390	ug/l #	84
40) Benzene	4.83	78	46117	2.534	ug/l	94
41) Methacrylonitrile	4.95	41	6375	3.375	ug/l	93
42) 1,2-Dichloroethane	5.14	62	12028	2.500	ug/l #	74
43) Isopropyl Acetate	7.13	43	9019	2.619	ug/l #	98
44) Trichloroethene	5.69	130	14142	2.876	ug/l	87
45) 1,2-Dichloropropane	6.43	63	9612	2.398	ug/l	96
46) Dibromomethane	6.27	93	7499	2.811	ug/l	97
47) Bromodichloromethane	6.56	83	16219	2.695	ug/l	92
48) Methyl methacrylate	6.89	41	5802	2.564	ug/l #	56
49) 1,4-Dioxane	6.89	88	1123	43.267	ug/l #	1
51) 4-Methyl-2-Pentanone	8.41	43	33146	12.941	ug/l	95
52) Toluene	7.79	92	24172	2.520	ug/l	96
53) t-1,3-Dichloropropene	8.43	75	12624	2.792	ug/l #	88
54) cis-1,3-Dichloropropene	7.47	75	15885	2.598	ug/l	96
55) 1,1,2-Trichloroethane	8.64	97	8181	3.044	ug/l #	85
56) Ethyl methacrylate	8.77	69	7958	2.604	ug/l #	84
57) 1,3-Dichloropropane	9.00	76	11638	2.682	ug/l	97
58) 2-Chloroethyl Vinyl ether	7.46	63	11471	12.930	ug/l	97
59) 2-Hexanone	9.63	43	23236	14.676	ug/l	100
60) Dibromochloromethane	8.87	129	11134	2.786	ug/l	90
61) 1,2-Dibromoethane	9.14	107	8328	2.750	ug/l	95
64) Tetrachloroethene	8.31	164	11801	3.008	ug/l	98
65) Chlorobenzene	9.94	112	25334	2.734	ug/l	91
66) 1,1,1,2-Tetrachloroethane	10.07	131	12476	2.875	ug/l	98
67) Ethyl Benzene	10.04	91	44322	2.631	ug/l	99
68) m/p-Xylenes	10.27	106	34237	5.520	ug/l	95
69) o-Xylene	10.83	106	19102	2.774	ug/l	100
70) Styrene	10.90	104	27465	2.826	ug/l	97
71) Bromoform	10.89	173	7350	3.208	ug/l #	95
73) Isopropylbenzene	11.22	105	52056	2.030	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.77	83	9579	2.172	ug/l	90
76) 1,2,3-Trichloropropane	11.95	75	5704	1.880	ug/l	88
77) Bromobenzene	11.59	156	13563	2.469	ug/l	92
78) n-propylbenzene	11.68	91	59781	2.210	ug/l	97
79) 2-Chlorotoluene	11.80	91	35241	2.147	ug/l	98
80) 1,3,5-Trimethylbenzene	11.90	105	50753	2.376	ug/l	94
81) trans-1,4-Dichloro-2-buten	11.95	75	5704	3.686	ug/l #	82
82) 4-Chlorotoluene	11.98	91	36261	2.286	ug/l	98
83) tert-Butylbenzene	12.21	119	49954	2.261	ug/l	98
84) 1,2,4-Trimethylbenzene	12.28	105	48537	2.348	ug/l	96
85) sec-Butylbenzene	12.37	105	62011	2.162	ug/l	100
86) p-Isopropyltoluene	12.52	119	58224	2.393	ug/l	97
87) 1,3-Dichlorobenzene	12.54	146	26411	2.591	ug/l	97
88) 1,4-Dichlorobenzene	12.63	146	24595	2.501	ug/l	94
89) n-Butylbenzene	12.91	91	54907	Below Cal		97
90) Hexachloroethane	12.98	117	14622	2.341	ug/l	97
91) 1,2-Dichlorobenzene	13.01	146	23947	2.433	ug/l	96
92) 1,2-Dibromo-3-Chloropropan	13.70	75	2199	2.538	ug/l	93
93) 1,2,4-Trichlorobenzene	14.25	180	20791	2.524	ug/l	96

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA F\DATA\VF041919\
Data File : VF062235.D
Acq On : 19 Apr 2019 20:04
Operator : FY/SY
Sample : K2241-03
Misc : 5.00g/5mL/MSVOA F/SOIL
ALS Vial : 19 Sample Multiplier: 1

Quant Time: Apr 19 23:03:19 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)
94) Hexachlorobutadiene	14.24	225	13687	2.423	ug/l	98
95) Naphthalene	14.50	128	31688	2.200	ug/l	98
96) 1,2,3-Trichlorobenzene	14.64	180	19140	2.420	ug/l	97

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.06 min Scan# 459

Delta R.T. 0.03 min

Lab File: VF062235.D

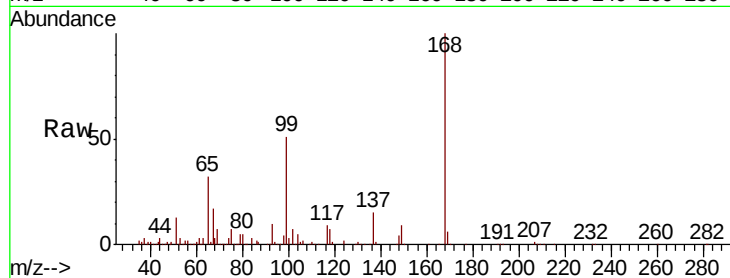
Acq: 19 Apr 2019 20:04

Tot Ion:168 Resp: 407666

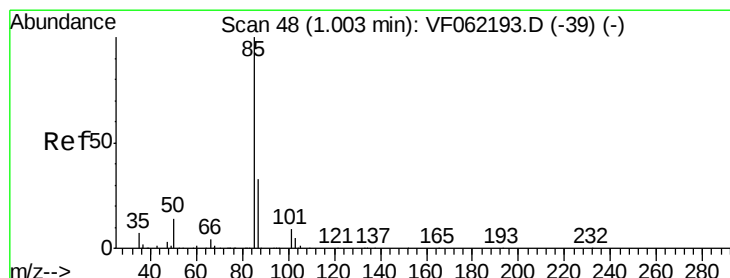
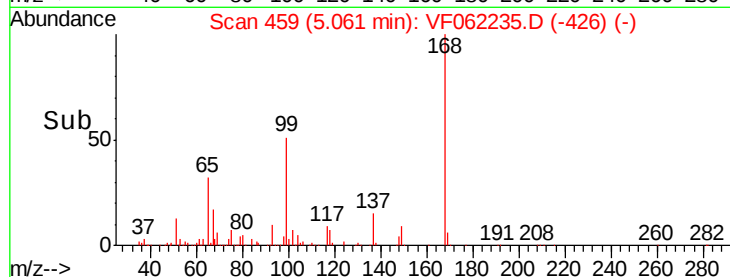
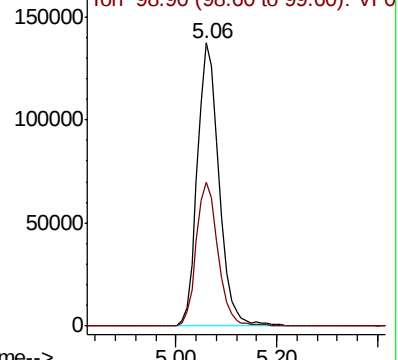
Ion Ratio Lower Upper

168 100

99 50.7 45.5 68.3



Abundance Ion 167.90 (167.60 to 168.60): VF0



#2

Dichlorodifluoromethane

Concen: 2.628 ug/l

RT: 1.01 min Scan# 48

Delta R.T. 0.01 min

Lab File: VF062235.D

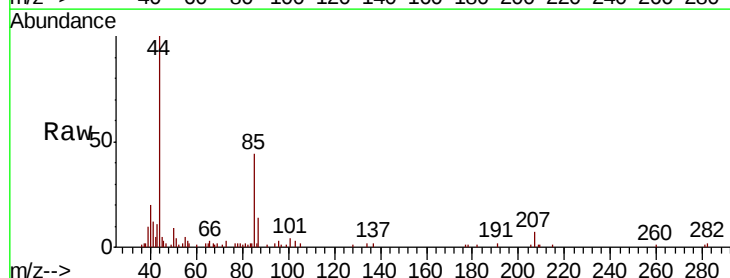
Acq: 19 Apr 2019 20:04

Tgt Ion: 85 Resp: 16284

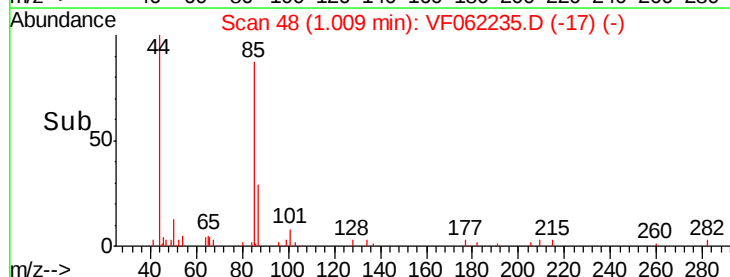
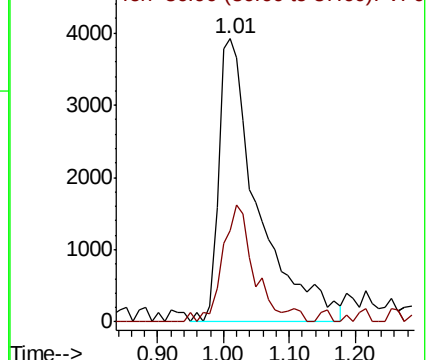
Ion Ratio Lower Upper

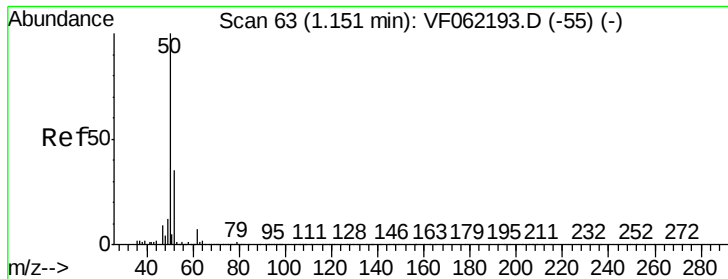
85 100

87 32.4 16.4 49.1



Abundance Ion 84.90 (84.60 to 85.60): VF0





#3

Chloromethane

Concen: 2.363 ug/l

RT: 1.16 min Scan# 63

Delta R.T. 0.01 min

Lab File: VF062235.D

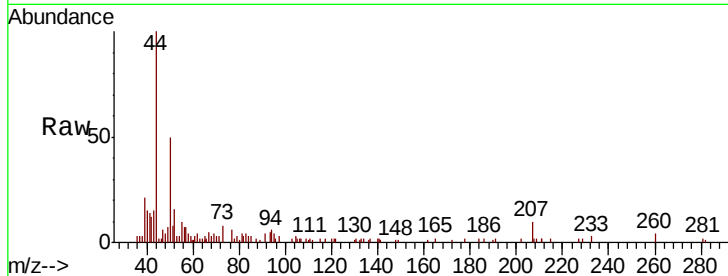
Acq: 19 Apr 2019 20:04

Tot Ion: 50 Resp: 15133

Ion Ratio Lower Upper

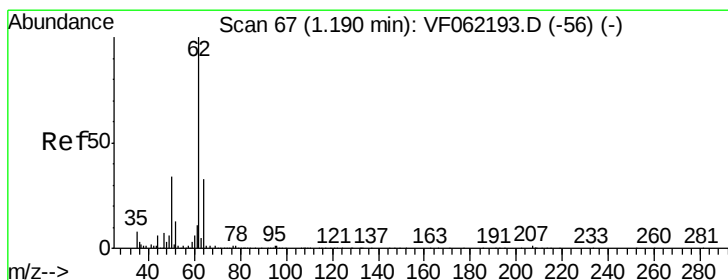
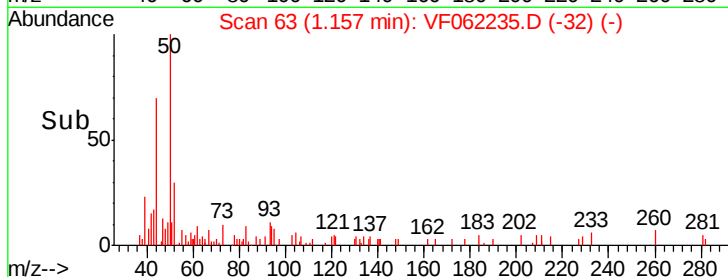
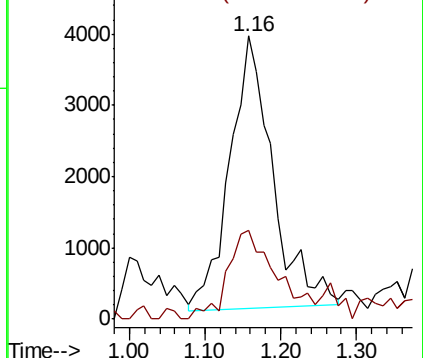
50 100

52 33.2 27.0 40.4



Abundance Ion 49.90 (49.60 to 50.60): VF0

Ion 51.90 (51.60 to 52.60): VF0



#4

Vinyl Chloride

Concen: 2.270 ug/l

RT: 1.21 min Scan# 68

Delta R.T. 0.02 min

Lab File: VF062235.D

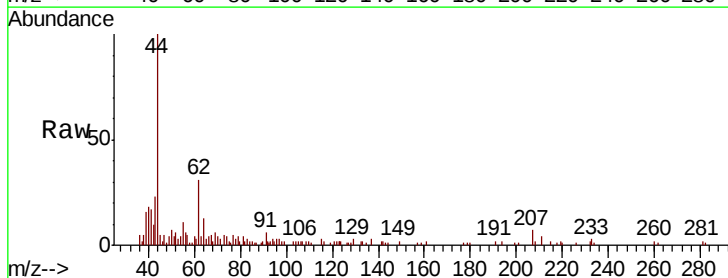
Acq: 19 Apr 2019 20:04

Tgt Ion: 62 Resp: 12490

Ion Ratio Lower Upper

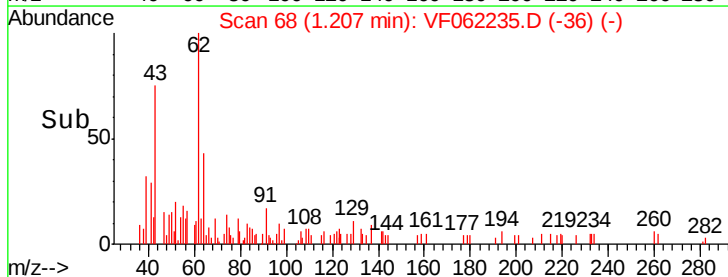
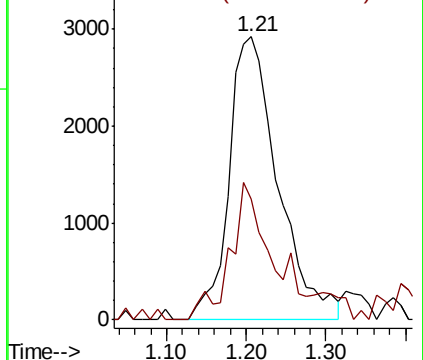
62 100

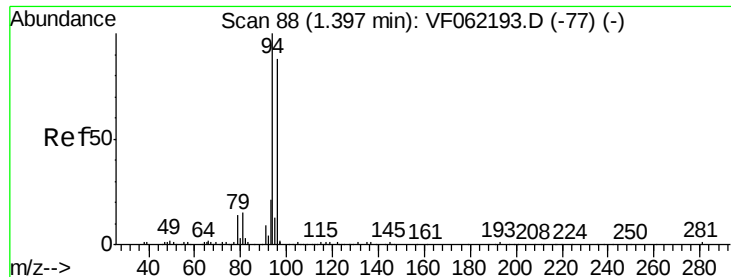
64 42.7 26.2 39.4#



Abundance Ion 61.90 (61.60 to 62.60): VF0

Ion 63.90 (63.60 to 64.60): VF0





#5

Bromomethane

Concen: 3.473 ug/l

RT: 1.40 min Scan# 88

Delta R.T. 0.01 min

Lab File: VF062235.D

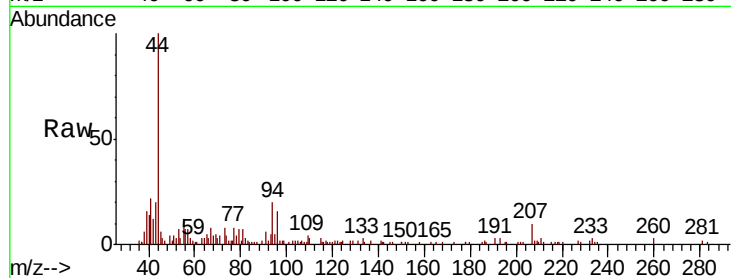
Acq: 19 Apr 2019 20:04

Tot Ion: 94 Resp: 11098

Ion Ratio Lower Upper

94 100

96 74.7 70.2 105.4



Abundance Ion 93.90 (93.60 to 94.60): VF0

Ion 95.90 (95.60 to 96.60): VF0

1.40

2500

2000

1500

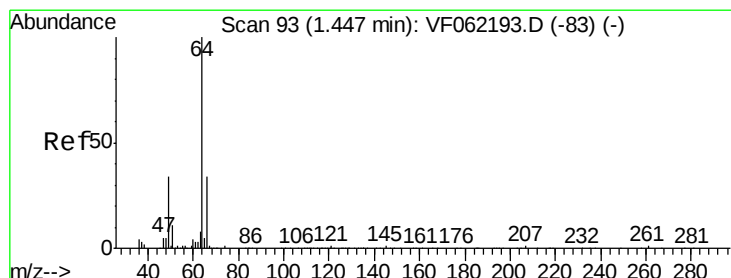
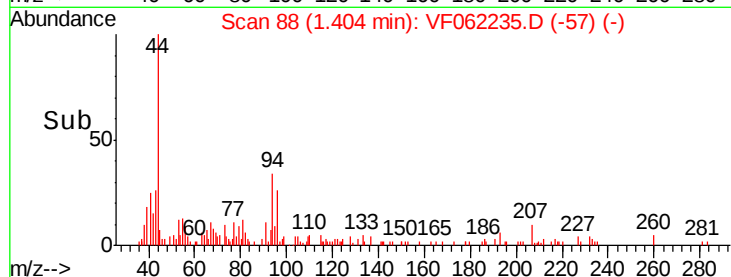
1000

500

0

Time-->

1.20 1.30 1.40 1.50



#6

Chloroethane

Concen: 3.248 ug/l

RT: 1.46 min Scan# 94

Delta R.T. 0.02 min

Lab File: VF062235.D

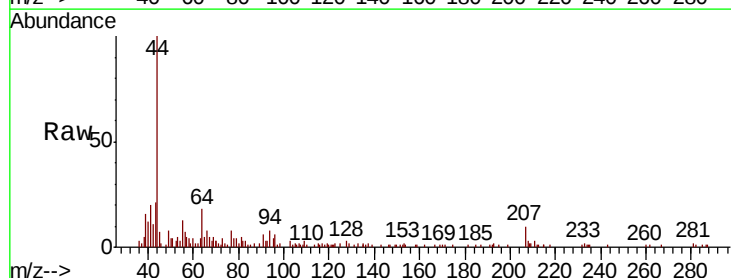
Acq: 19 Apr 2019 20:04

Tgt Ion: 64 Resp: 7469

Ion Ratio Lower Upper

64 100

66 23.9 27.0 40.4#



Abundance Ion 63.90 (63.60 to 64.60): VF0

Ion 65.90 (65.60 to 66.60): VF0

1.46

2000

1500

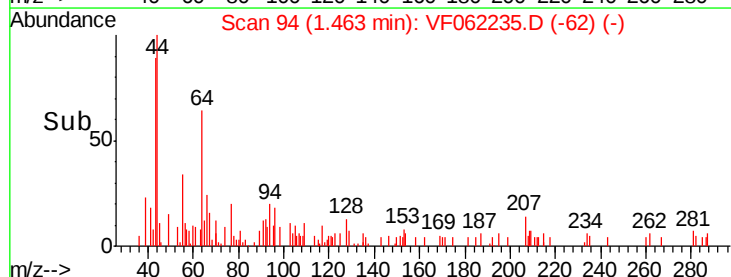
1000

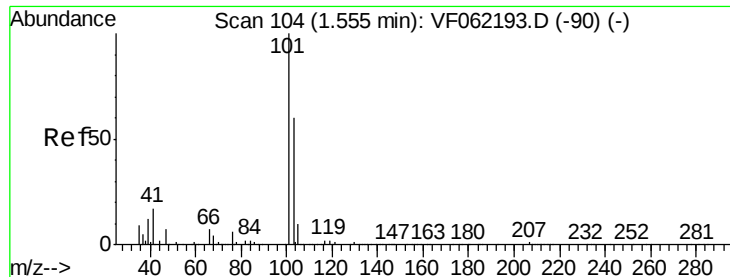
500

0

Time-->

1.30 1.40 1.50 1.60

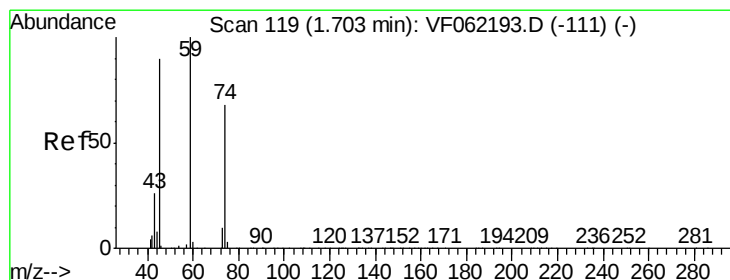
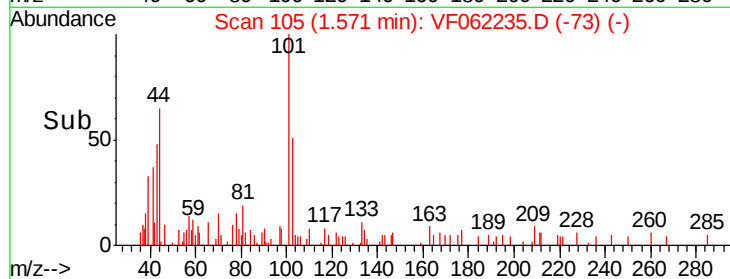
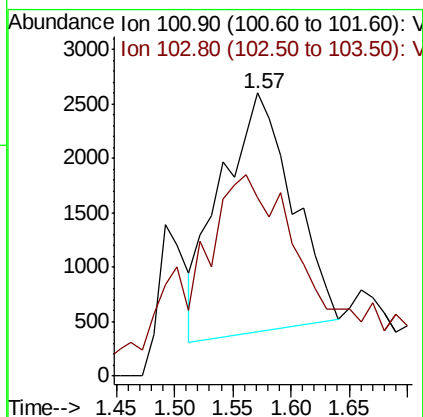
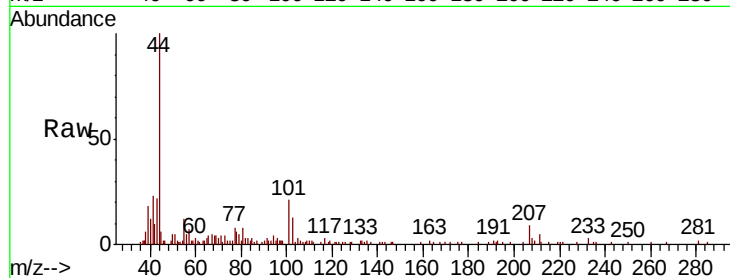




#7

Trichlorofluoromethane
Concen: 1.337 ug/l
RT: 1.57 min Scan# 105
Delta R.T. 0.02 min
Lab File: VF062235.D
Acq: 19 Apr 2019 20:04

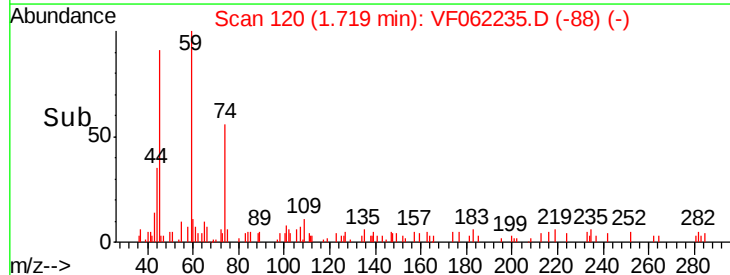
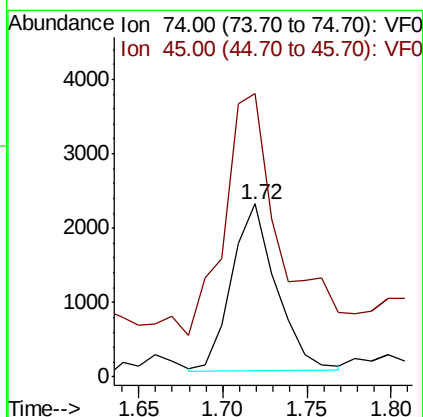
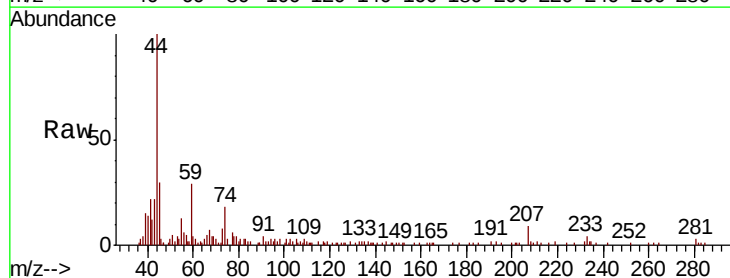
Tot Ion: 101 Resp: 9346
Ion Ratio Lower Upper
101 100
103 49.4 48.2 72.4

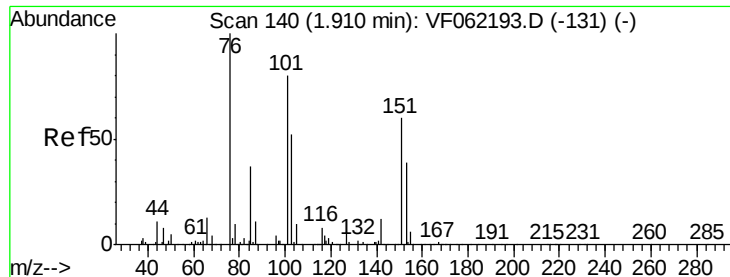


#8

Diethyl Ether
Concen: 2.851 ug/l
RT: 1.72 min Scan# 120
Delta R.T. 0.02 min
Lab File: VF062235.D
Acq: 19 Apr 2019 20:04

Tgt Ion: 74 Resp: 4147
Ion Ratio Lower Upper
74 100
45 165.6 70.0 210.2





#9

1,1,2-Trichlorotrifluoroethane

Concen: 2.673 ug/l

RT: 1.93 min Scan# 141

Delta R.T. 0.02 min

Lab File: VF062235.D

Acq: 19 Apr 2019 20:04

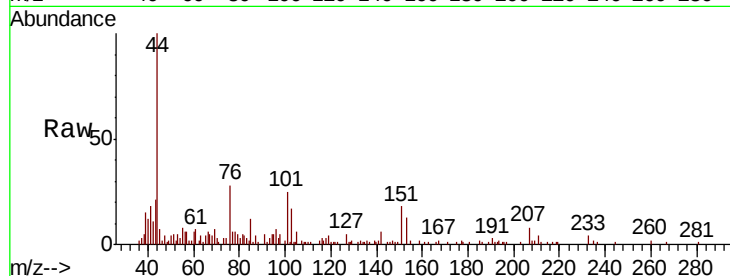
Tot Ion:101 Resp: 12761

Ion Ratio Lower Upper

101 100

85 45.1 35.3 52.9

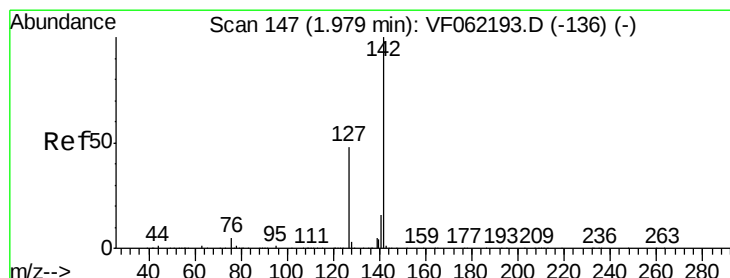
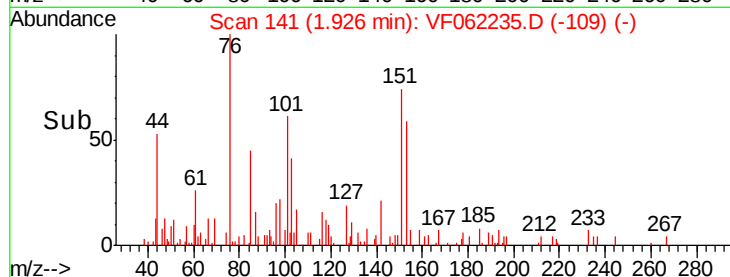
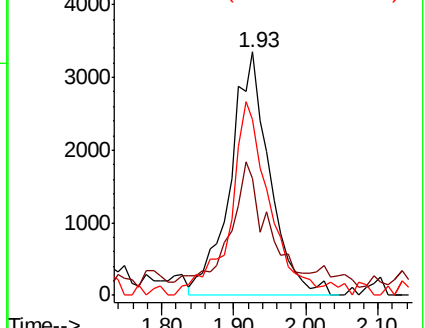
151 78.7 57.5 86.3



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: 2.002 ug/l

RT: 2.00 min Scan# 148

Delta R.T. 0.02 min

Lab File: VF062235.D

Acq: 19 Apr 2019 20:04

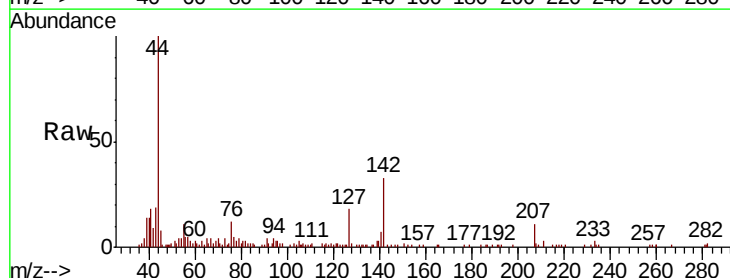
Tgt Ion:142 Resp: 16984

Ion Ratio Lower Upper

142 100

127 59.7 33.0 49.4#

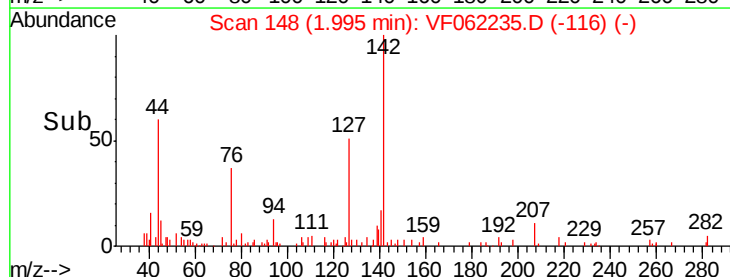
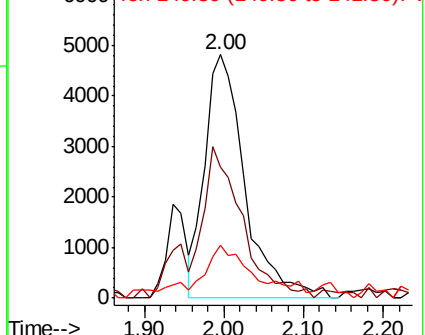
141 31.1 12.7 19.1#

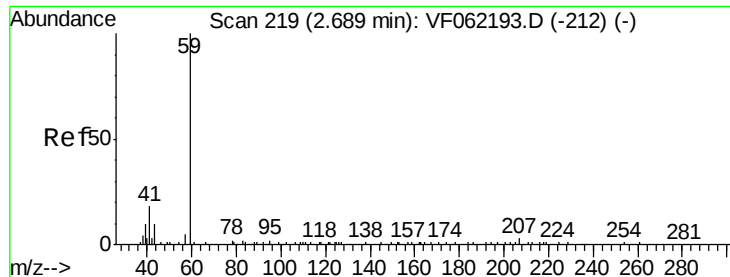


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V





#11

Tert butyl alcohol

Concen: 12.104 ug/l

RT: 2.71 min Scan# 221

Delta R.T. 0.03 min

Lab File: VF062235.D

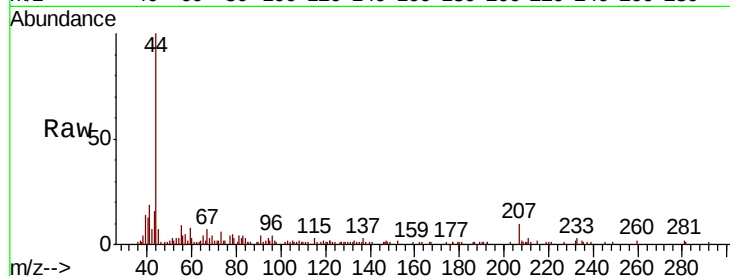
Acq: 19 Apr 2019 20:04

Tot Ion: 59 Resp: 3145

Ion Ratio Lower Upper

59 100

57 11.9 9.3 13.9



Abundance Ion 59.00 (58.70 to 59.70): VF0

Ion 57.00 (56.70 to 57.70): VF0

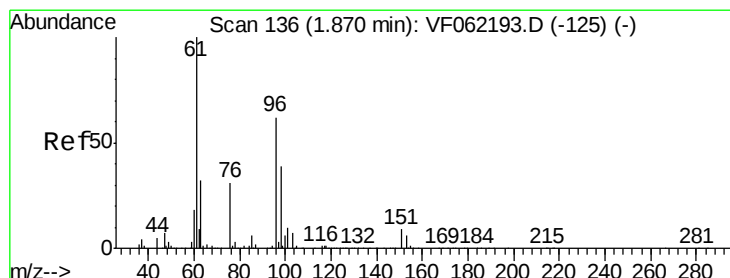
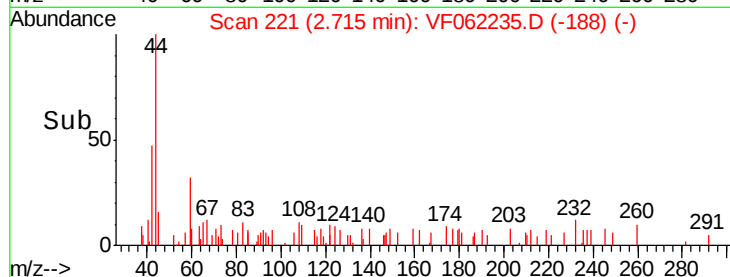
2.71

1000

500

0

Time-->



#12

1,1-Dichloroethene

Concen: 2.901 ug/l

RT: 1.89 min Scan# 137

Delta R.T. 0.02 min

Lab File: VF062235.D

Acq: 19 Apr 2019 20:04

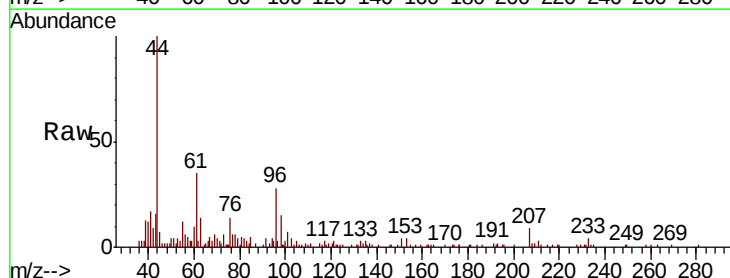
Tgt Ion: 96 Resp: 13173

Ion Ratio Lower Upper

96 100

61 128.5 129.1 193.7#

98 54.1 50.0 75.0



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

8000

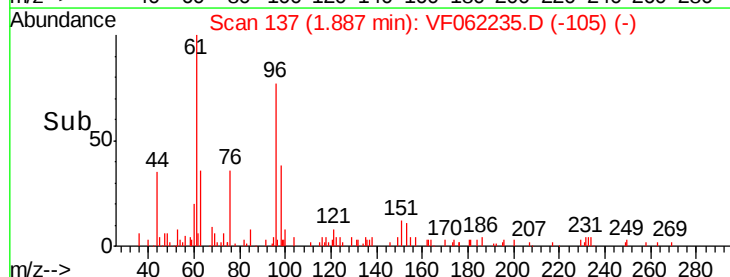
6000

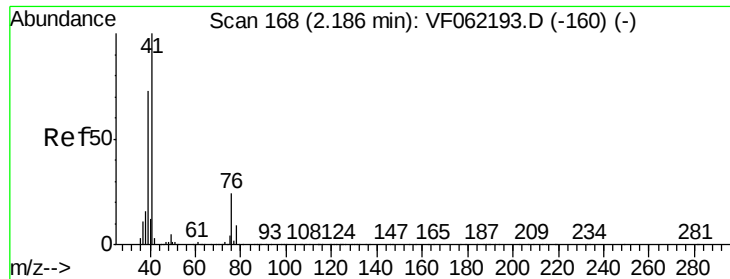
4000

2000

0

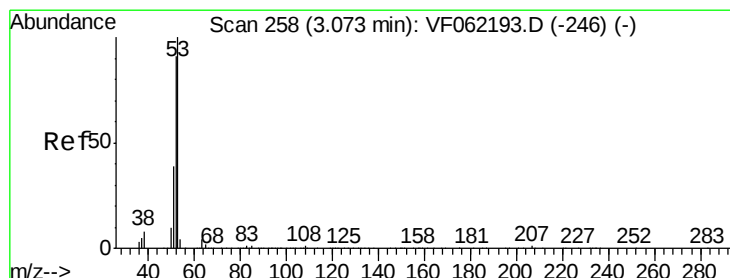
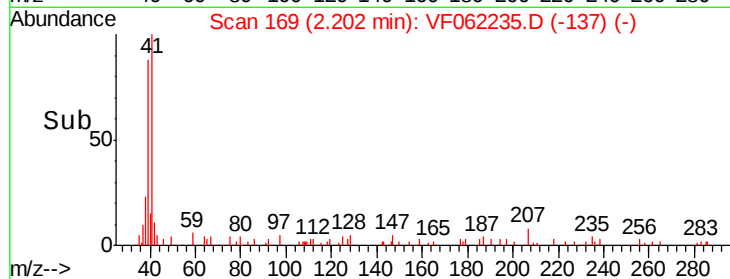
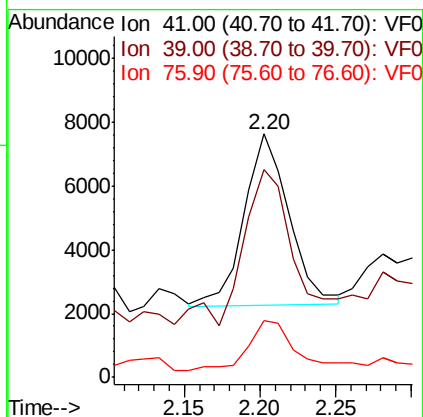
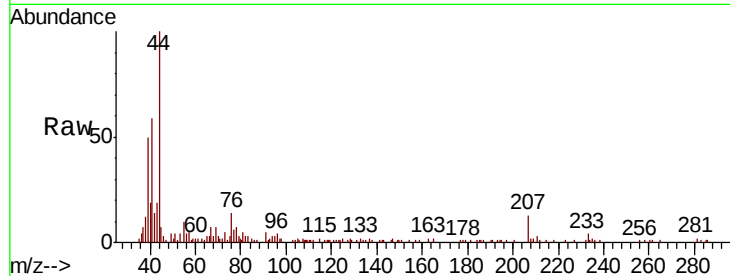
Time-->





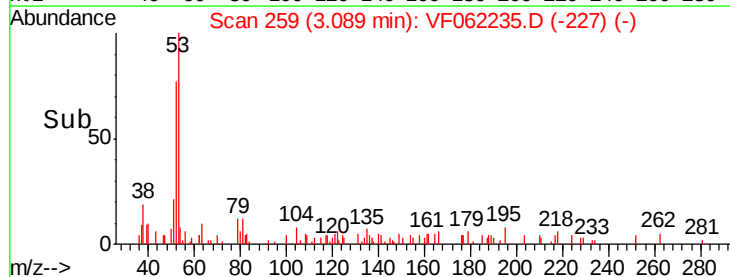
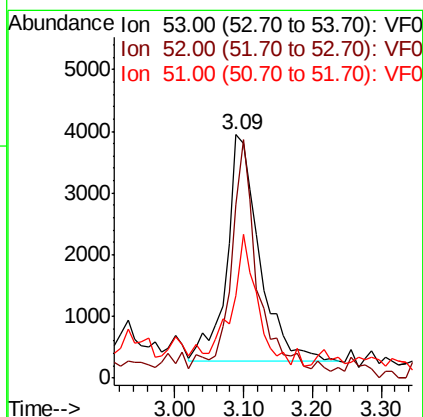
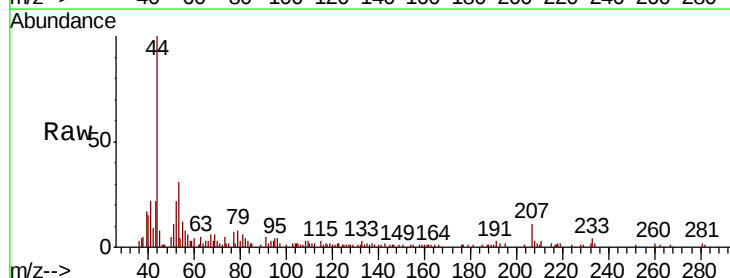
#14
Allvl chloride
Concen: 2.137 ug/l
RT: 2.20 min Scan# 169
Delta R.T. 0.02 min
Lab File: VF062235.D
Acq: 19 Apr 2019 20:04

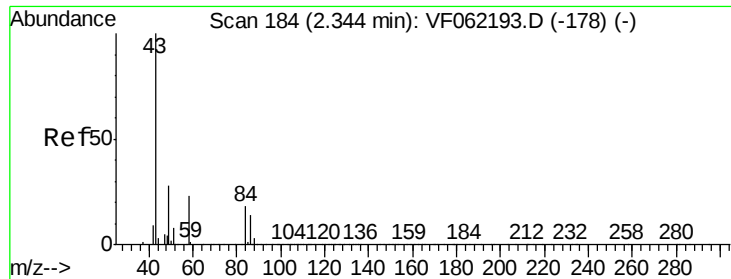
Tot Ion	Ratio	Lower	Upper
41	100		
39	104.6	60.0	90.0#
76	30.0	20.6	30.8



#15
Acrylonitrile
Concen: 15.184 ug/l
RT: 3.09 min Scan# 259
Delta R.T. 0.02 min
Lab File: VF062235.D
Acq: 19 Apr 2019 20:04

Tgt Ion	Ratio	Lower	Upper
53	100		
52	84.0	69.5	104.3
51	43.6	31.8	47.8





#16

Acetone

Concen: 15.088 ug/l

RT: 2.36 min Scan# 185

Delta R.T. 0.02 min

Lab File: VF062235.D

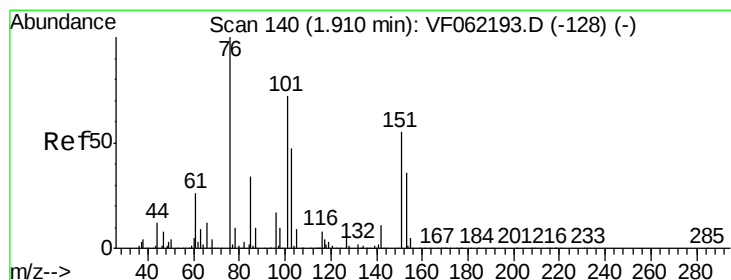
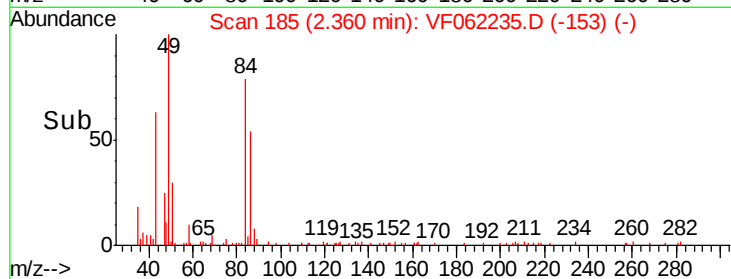
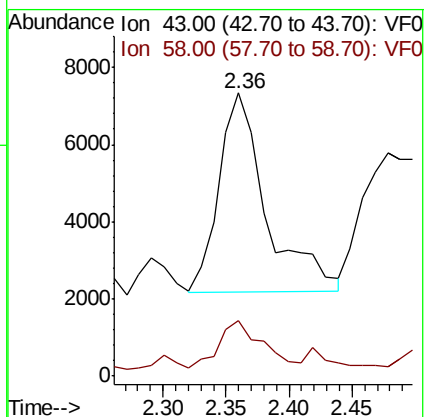
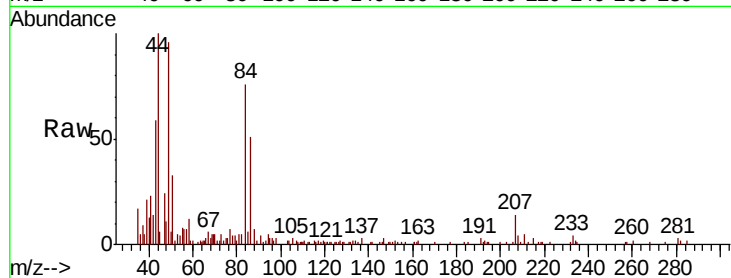
Acq: 19 Apr 2019 20:04

Tot Ion: 43 Resp: 13481

Ion Ratio Lower Upper

43 100

58 24.1 18.8 28.2



#17

Carbon Disulfide

Concen: 1.820 ug/l

RT: 1.93 min Scan# 141

Delta R.T. 0.02 min

Lab File: VF062235.D

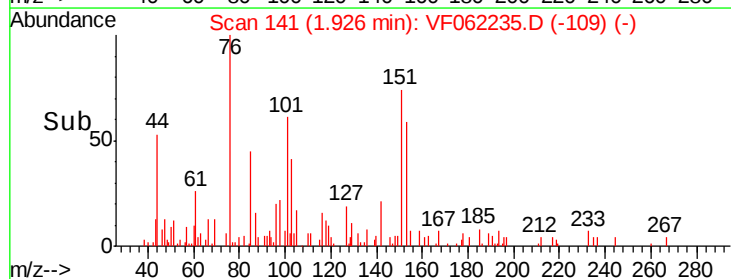
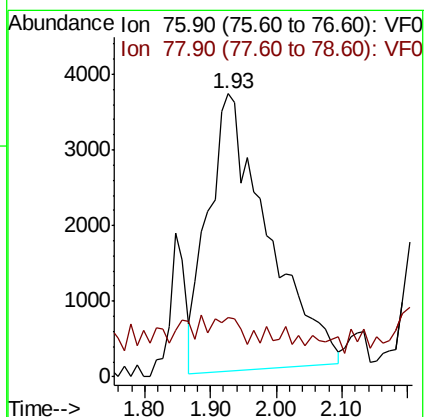
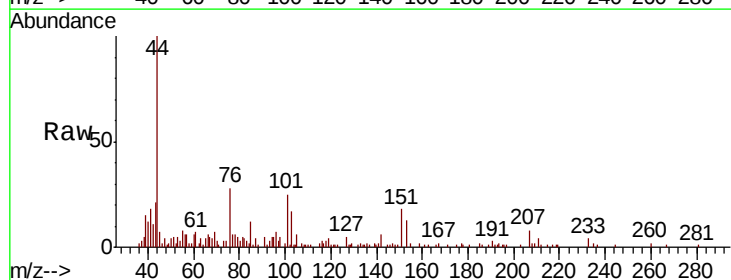
Acq: 19 Apr 2019 20:04

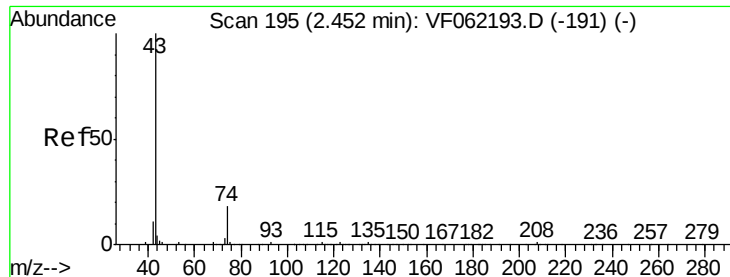
Tgt Ion: 76 Resp: 22961

Ion Ratio Lower Upper

76 100

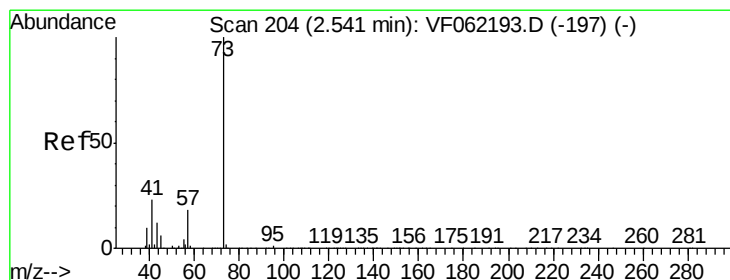
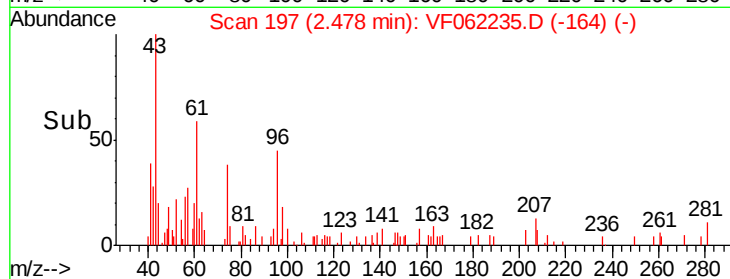
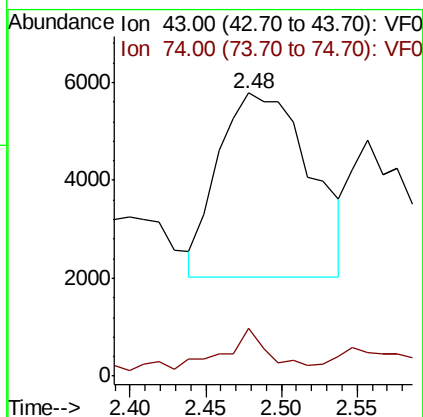
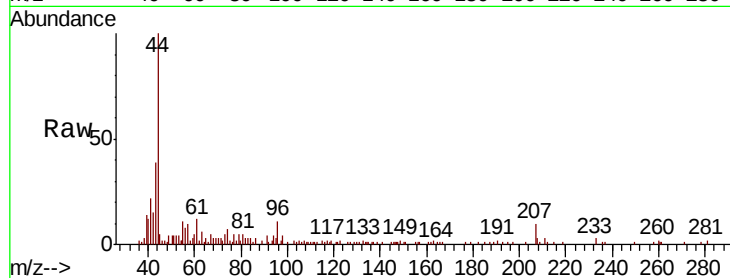
78 7.5 8.7 13.1#





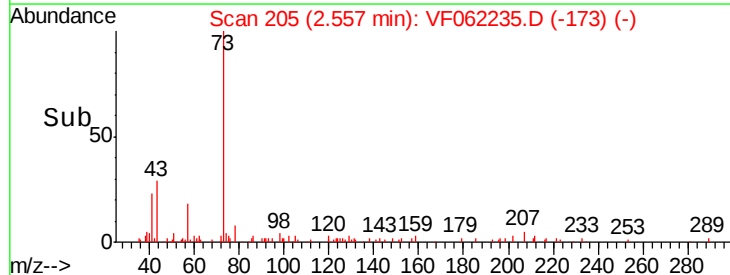
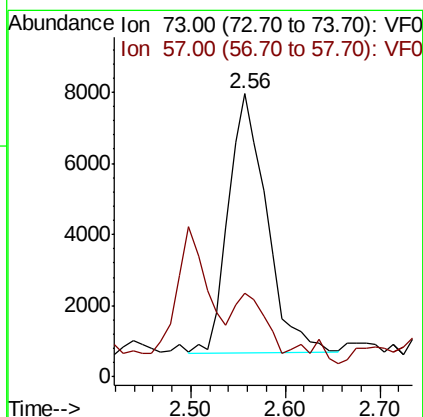
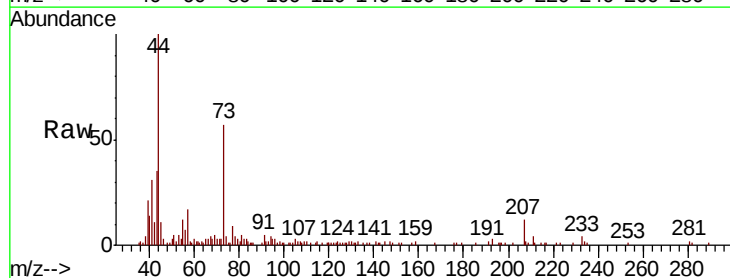
#18
Methyl Acetate
Concen: 2.746 ug/l
RT: 2.48 min Scan# 197
Delta R.T. 0.03 min
Lab File: VF062235.D
Acq: 19 Apr 2019 20:04

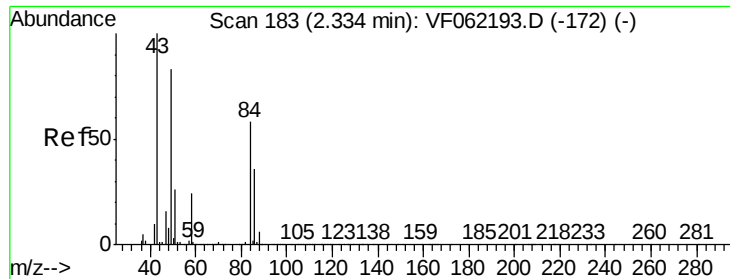
Tot Ion: 43 Resp: 15902
Ion Ratio Lower Upper
43 100
74 10.4 14.5 21.7#



#19
Methyl tert-butyl Ether
Concen: 2.547 ug/l
RT: 2.56 min Scan# 205
Delta R.T. 0.02 min
Lab File: VF062235.D
Acq: 19 Apr 2019 20:04

Tgt Ion: 73 Resp: 20425
Ion Ratio Lower Upper
73 100
57 27.4 15.1 22.7#





#20

Methylene Chloride

Concen: 1.608 ug/l

RT: 2.36 min Scan# 185

Delta R.T. 0.03 min

Lab File: VF062235.D

Acq: 19 Apr 2019 20:04

Tot Ion: 84 Resp: 33650

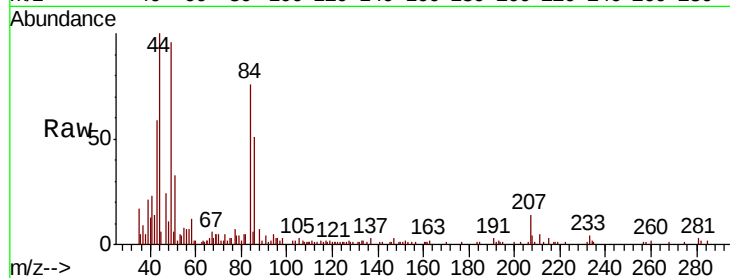
Ion Ratio Lower Upper

84 100

49 128.0 114.0 171.0

51 40.6 37.0 55.4

86 67.4 49.8 74.8

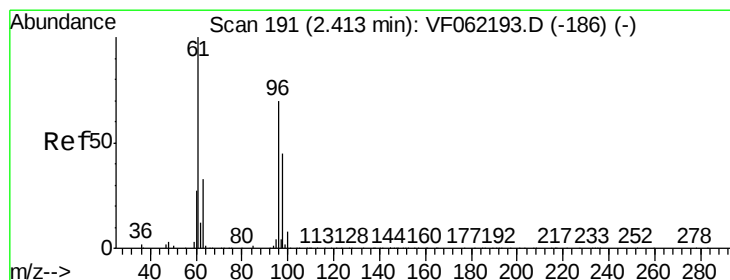
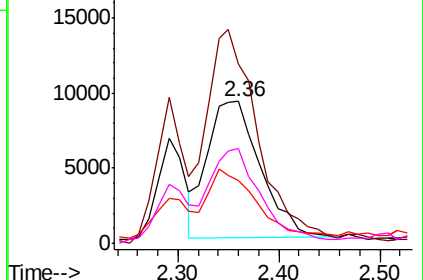
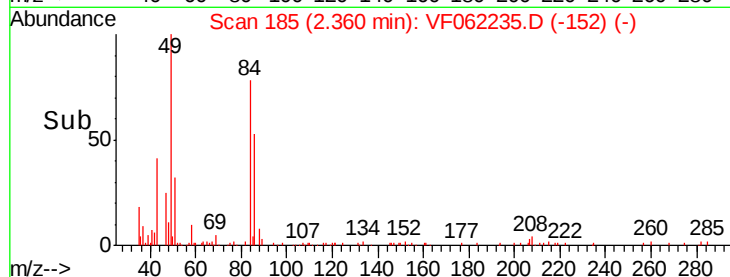


Abundance Ion 83.90 (83.60 to 84.60): VF0

Ion 48.90 (48.60 to 49.60): VF0

Ion 50.90 (50.60 to 51.60): VF0

Ion 85.90 (85.60 to 86.60): VF0



#21

trans-1,2-Dichloroethene

Concen: 2.787 ug/l

RT: 2.43 min Scan# 192

Delta R.T. 0.02 min

Lab File: VF062235.D

Acq: 19 Apr 2019 20:04

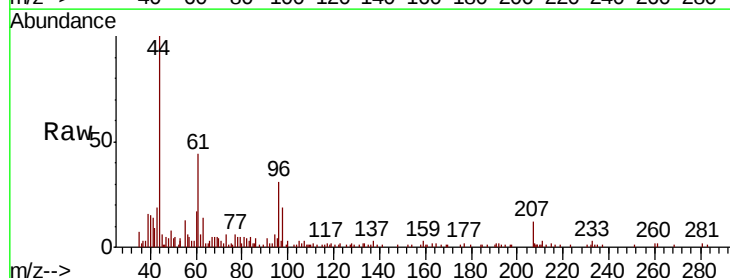
Tgt Ion: 96 Resp: 12517

Ion Ratio Lower Upper

96 100

61 157.8 114.6 172.0

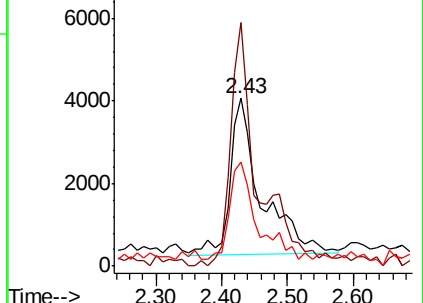
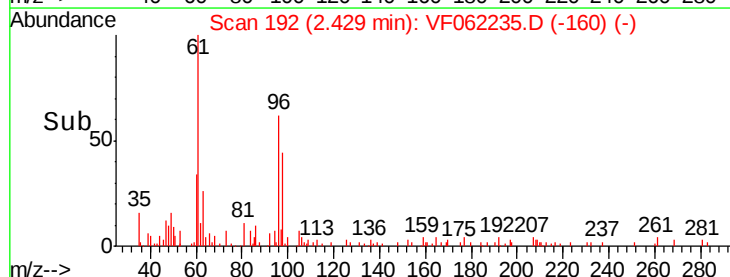
98 61.6 51.2 76.8

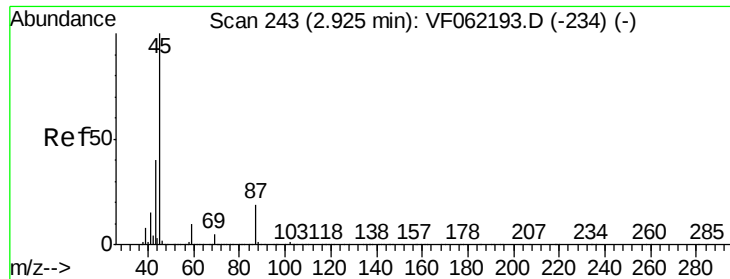


Abundance Ion 95.90 (95.60 to 96.60): VF0

Ion 60.90 (60.60 to 61.60): VF0

Ion 97.90 (97.60 to 98.60): VF0





#22

Diisopropyl ether

Concen: 2.501 ug/l

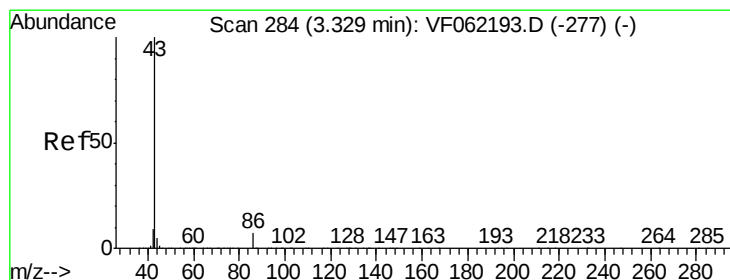
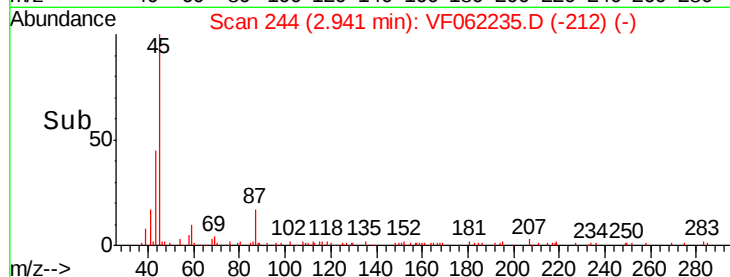
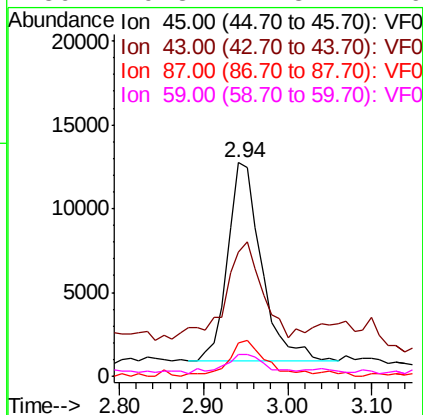
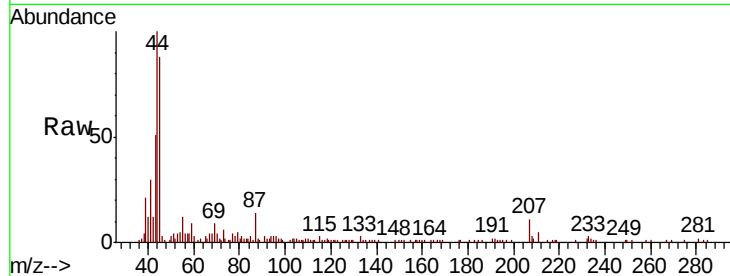
RT: 2.94 min Scan# 244

Delta R.T. 0.02 min

Lab File: VF062235.D

Acq: 19 Apr 2019 20:04

Tot Ion:	45	Resp:	33336
Ion	Ratio	Lower	Upper
45	100		
43	38.3	32.8	49.2
87	15.5	15.2	22.8
59	9.3	7.8	11.6



#23

Vinyl Acetate

Concen: 10.990 ug/l

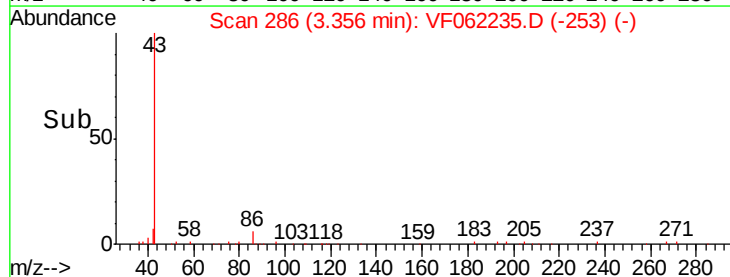
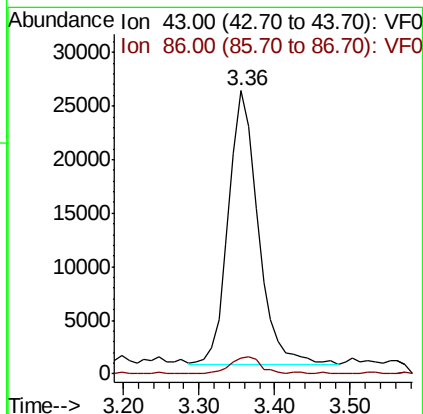
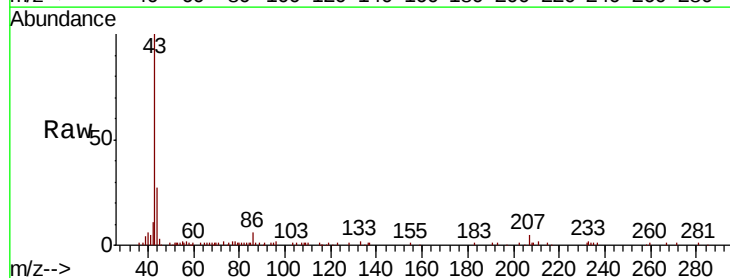
RT: 3.36 min Scan# 286

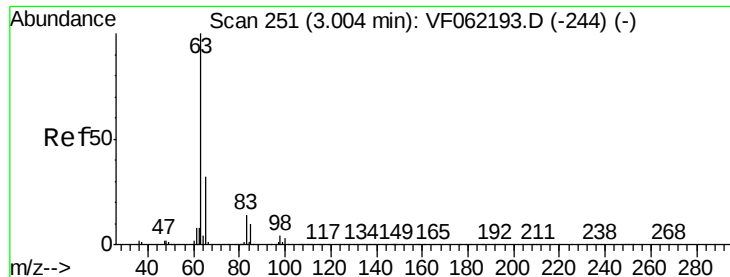
Delta R.T. 0.03 min

Lab File: VF062235.D

Acq: 19 Apr 2019 20:04

Tgt Ion:	43	Resp:	69803
Ion	Ratio	Lower	Upper
43	100		
86	5.8	5.9	8.9#





#24

1,1-Dichloroethane

Concen: 2.519 ug/l

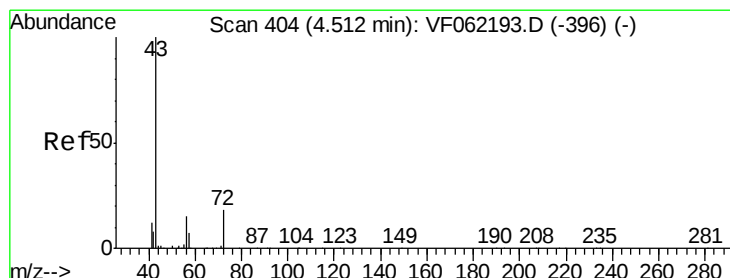
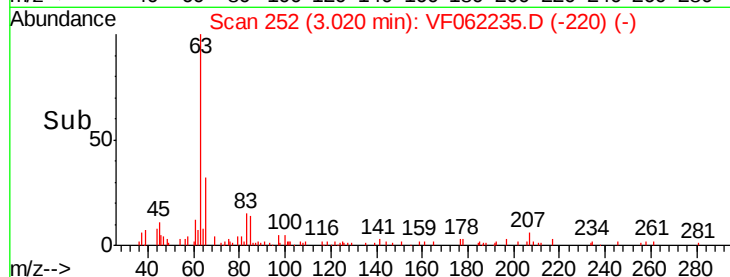
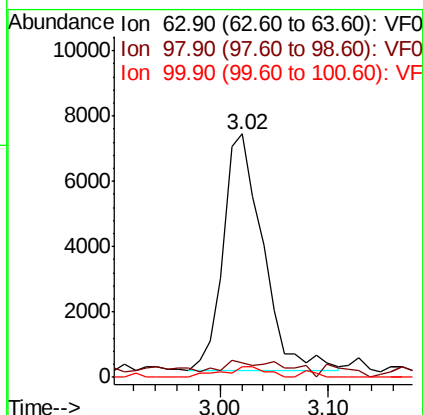
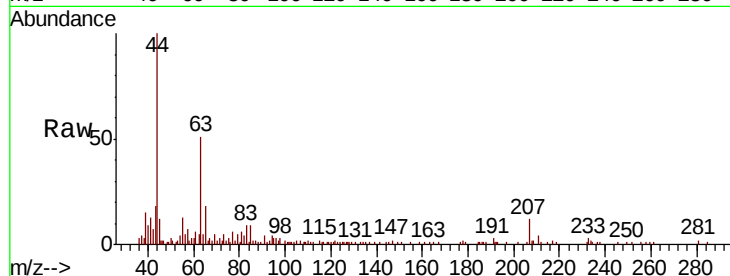
RT: 3.02 min Scan# 252

Delta R.T. 0.02 min

Lab File: VF062235.D

Acq: 19 Apr 2019 20:04

Tot Ion:	63	Resp:	18372
Ion	Ratio	Lower	Upper
63	100		
98	2.2	2.3	6.8#
100	4.7	1.7	5.0



#25

2-Butanone

Concen: 11.829 ug/l

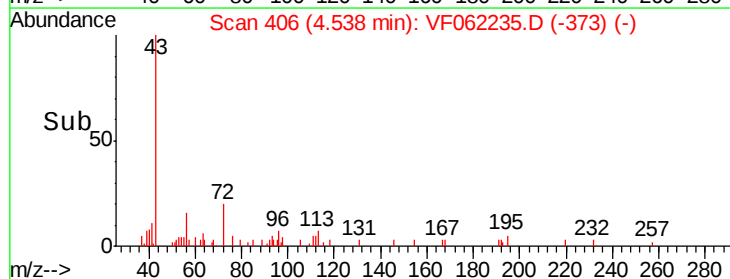
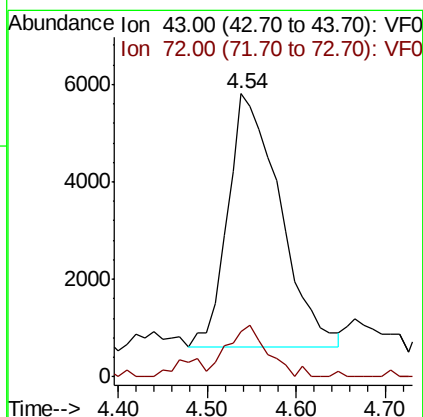
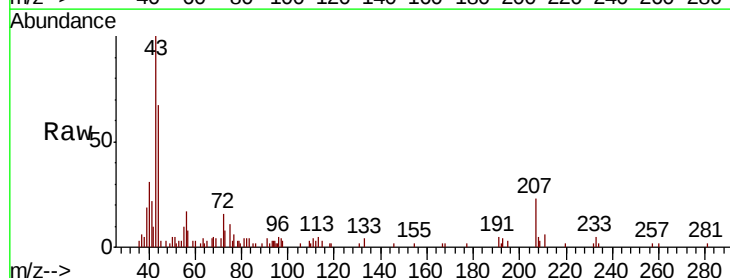
RT: 4.54 min Scan# 406

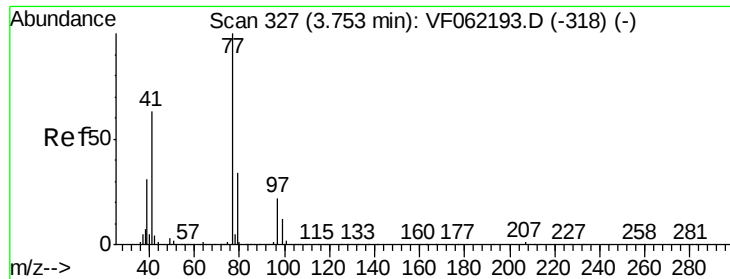
Delta R.T. 0.03 min

Lab File: VF062235.D

Acq: 19 Apr 2019 20:04

Tgt Ion:	43	Resp:	21134
Ion	Ratio	Lower	Upper
43	100		
72	15.8	16.1	24.1#





#26

2,2-Dichloropropane

Concen: 2.282 ug/l

RT: 3.77 min Scan# 328

Delta R.T. 0.02 min

Lab File: VF062235.D

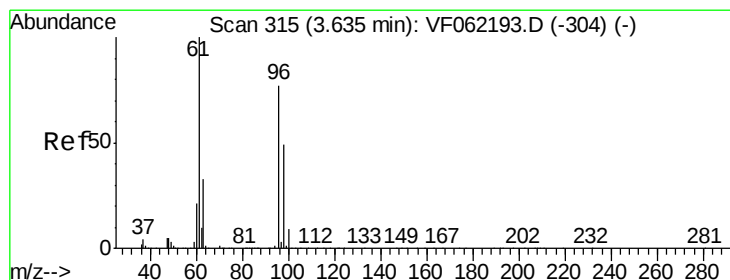
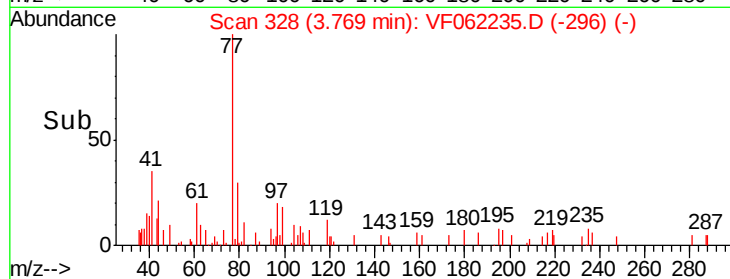
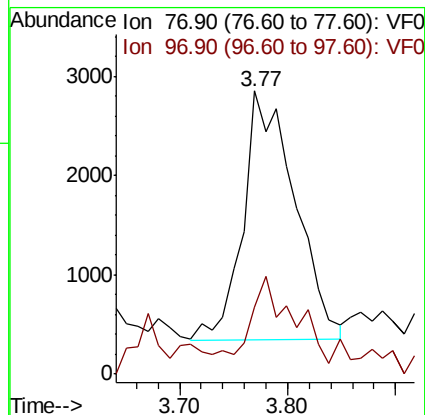
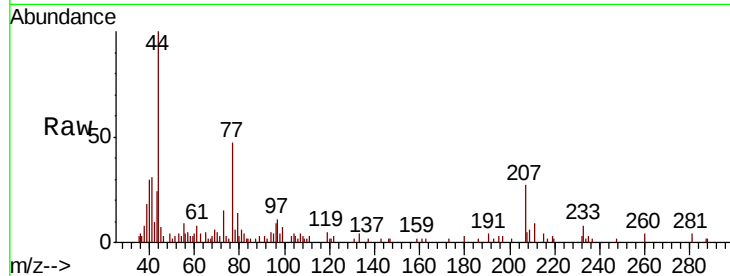
Acq: 19 Apr 2019 20:04

Tot Ion: 77 Resp: 8401

Ion Ratio Lower Upper

77 100

97 30.2 11.1 33.3



#27

cis-1,2-Dichloroethene

Concen: 2.454 ug/l

RT: 3.65 min Scan# 316

Delta R.T. 0.02 min

Lab File: VF062235.D

Acq: 19 Apr 2019 20:04

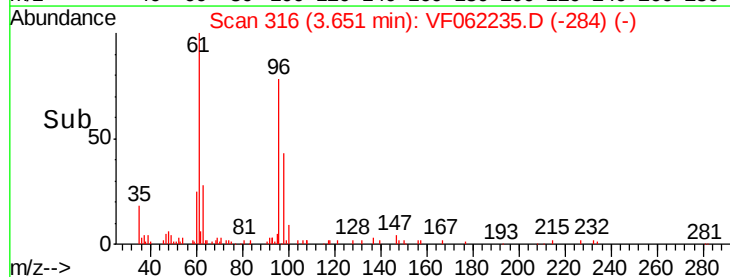
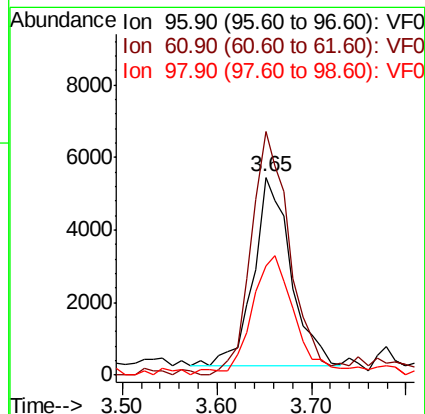
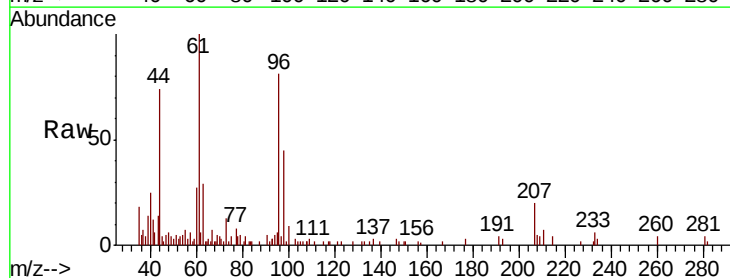
Tgt Ion: 96 Resp: 14272

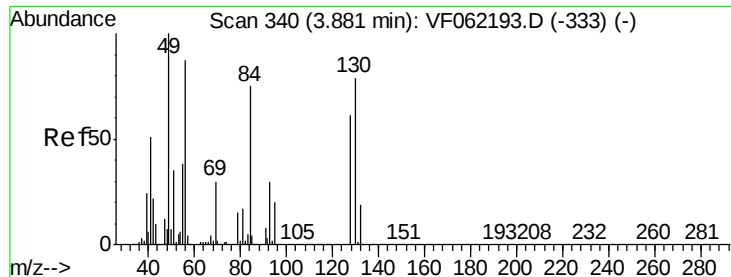
Ion Ratio Lower Upper

96 100

61 133.9 0.0 253.6

98 73.3 0.0 124.8





#28

Bromochloromethane

Concen: 2.340 ug/l

RT: 3.92 min Scan# 343

Delta R.T. 0.04 min

Lab File: VF062235.D

Acq: 19 Apr 2019 20:04

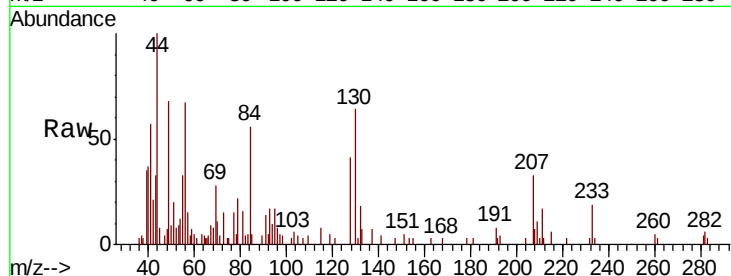
Tot Ion: 49 Resp: 8174

Ion Ratio Lower Upper

49 100

129 2.9 0.0 0.0#

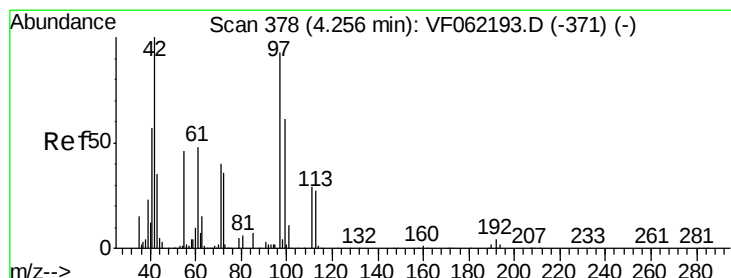
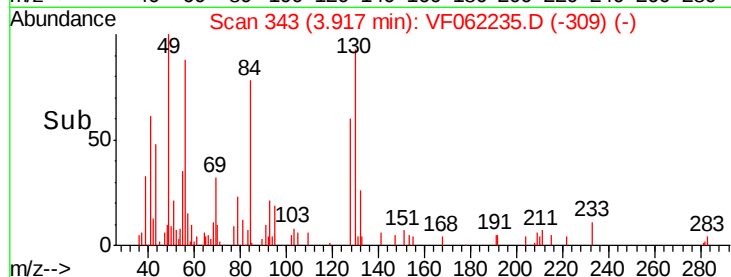
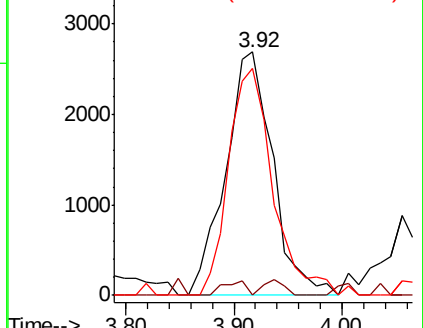
130 88.5 66.6 100.0



Abundance Ion 48.90 (48.60 to 49.60): VF0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V



#29

Tetrahydrofuran

Concen: 12.329 ug/l

RT: 4.29 min Scan# 381

Delta R.T. 0.04 min

Lab File: VF062235.D

Acq: 19 Apr 2019 20:04

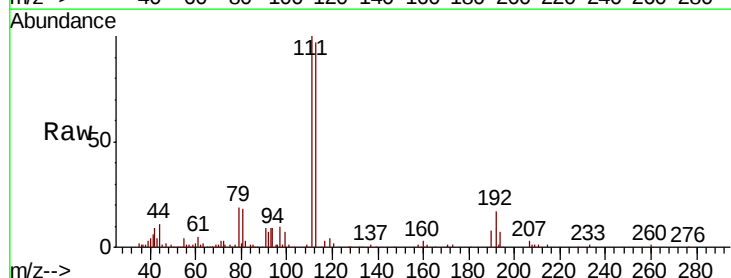
Tgt Ion: 42 Resp: 9970

Ion Ratio Lower Upper

42 100

72 34.7 28.6 43.0

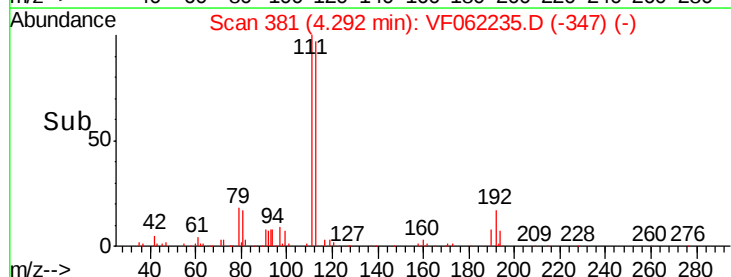
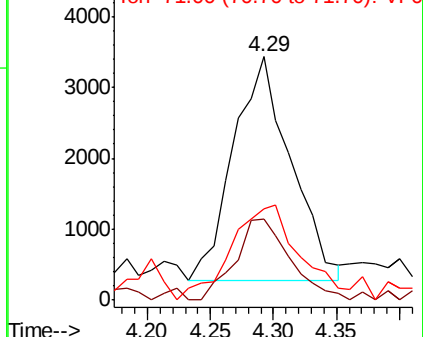
71 50.9 29.2 43.8#

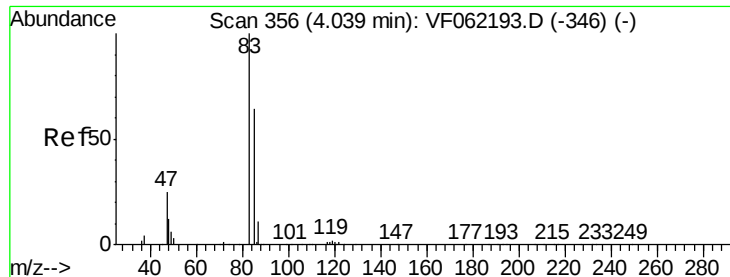


Abundance Ion 42.00 (41.70 to 42.70): VF0

Ion 72.00 (71.70 to 72.70): VF0

Ion 71.00 (70.70 to 71.70): VF0





#30

Chloroform

Concen: 2.771 ug/l

RT: 4.07 min Scan# 358

Delta R.T. 0.03 min

Lab File: VF062235.D

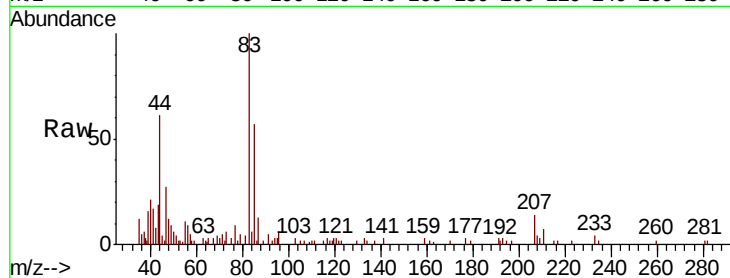
Acq: 19 Apr 2019 20:04

Tot Ion: 83 Resp: 24836

Ion Ratio Lower Upper

83 100

85 53.8 51.8 77.8



Abundance Ion 82.90 (82.60 to 83.60): VF0

Ion 84.90 (84.60 to 85.60): VF0

4.07

8000

6000

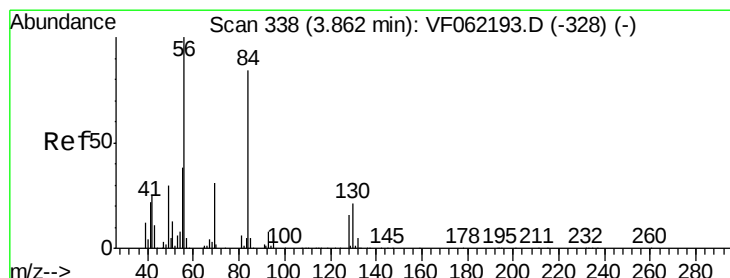
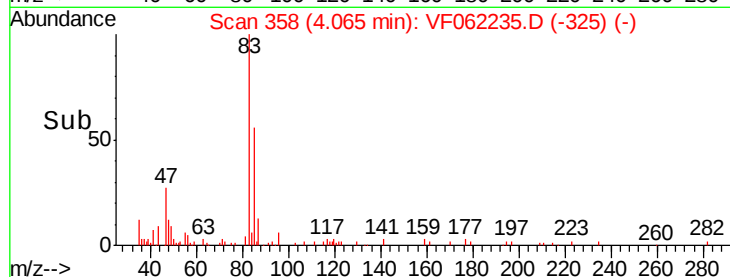
4000

2000

0

Time-->

3.90 4.00 4.10 4.20



#31

Cyclohexane

Concen: 1.530 ug/l

RT: 3.88 min Scan# 339

Delta R.T. 0.02 min

Lab File: VF062235.D

Acq: 19 Apr 2019 20:04

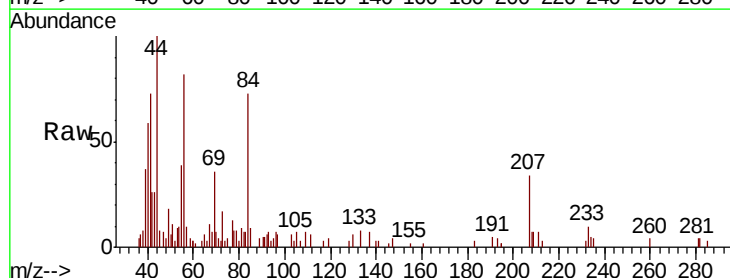
Tgt Ion: 56 Resp: 13371

Ion Ratio Lower Upper

56 100

69 36.1 25.1 37.7

84 89.4 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

4000

3000

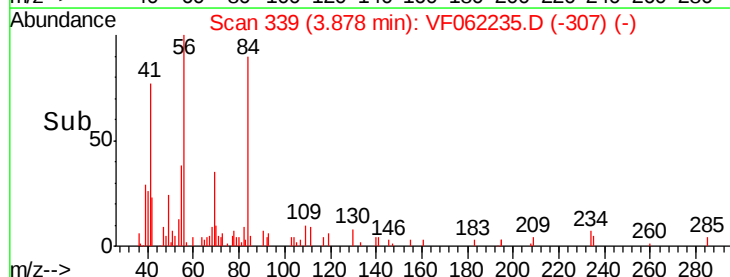
2000

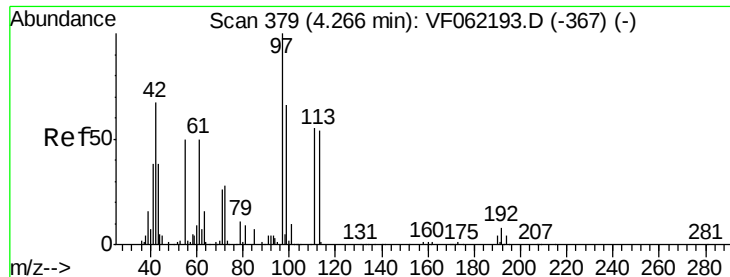
1000

0

Time-->

3.80 3.90





#32

1,1,1-Trichloroethane

Concen: 2.168 ug/l

RT: 4.29 min Scan# 381

Delta R.T. 0.03 min

Lab File: VF062235.D

Acq: 19 Apr 2019 20:04

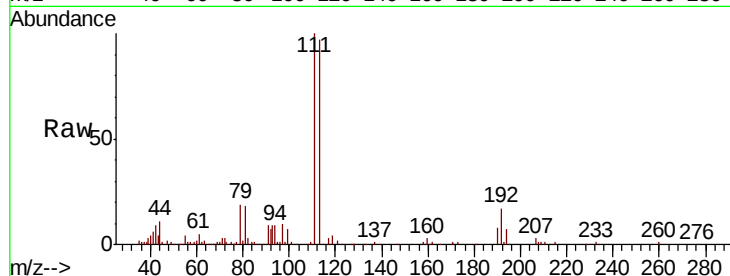
Tot Ion: 97 Resp: 14223

Ion Ratio Lower Upper

97 100

99 65.3 52.7 79.1

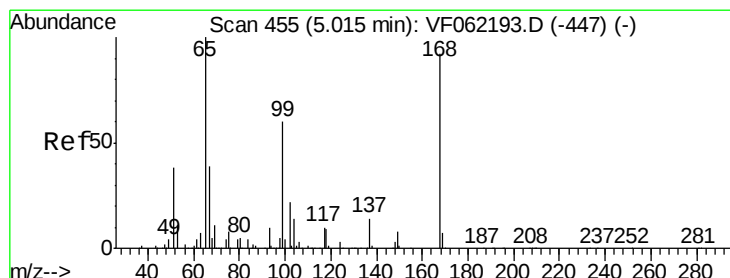
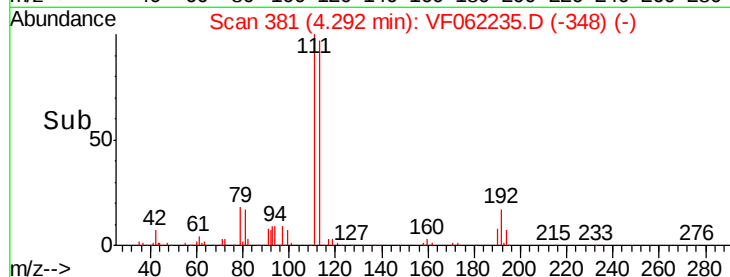
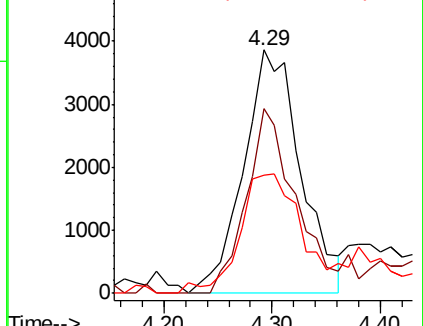
61 51.7 53.0 79.4#



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: 58.214 ug/l

RT: 5.04 min Scan# 457

Delta R.T. 0.03 min

Lab File: VF062235.D

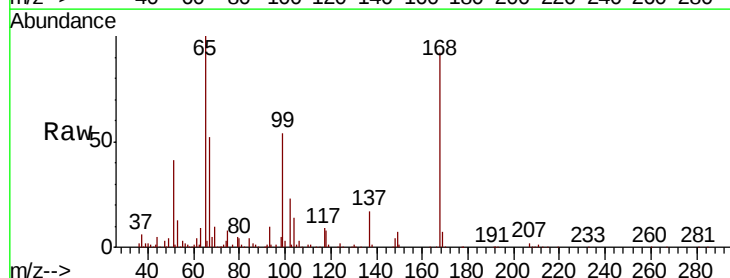
Acq: 19 Apr 2019 20:04

Tgt Ion: 65 Resp: 217609

Ion Ratio Lower Upper

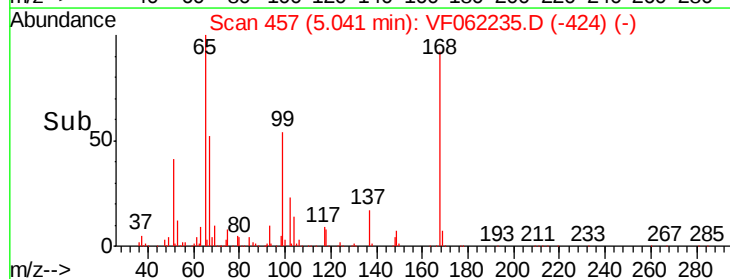
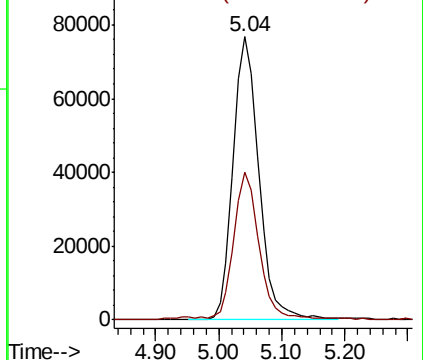
65 100

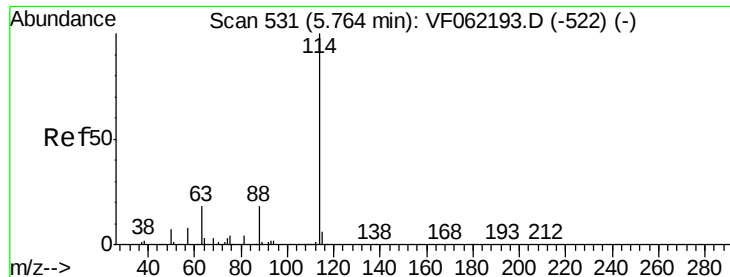
67 50.2 0.0 109.4



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# 532

Delta R.T. 0.02 min

Lab File: VF062235.D

Acq: 19 Apr 2019 20:04

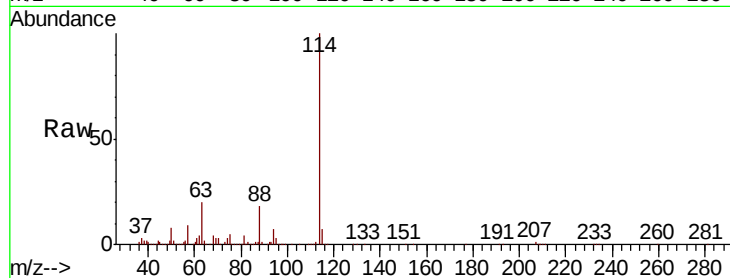
Tot Ion:114 Resp: 578743

Ion Ratio Lower Upper

114 100

63 19.7 0.0 36.6

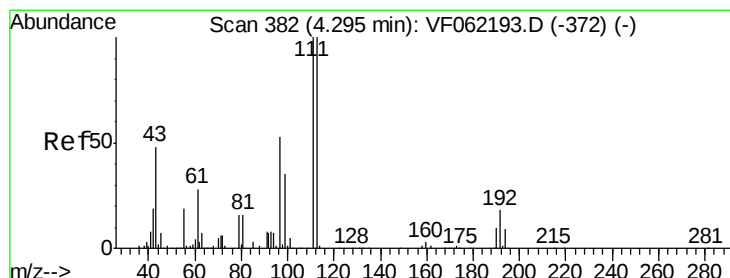
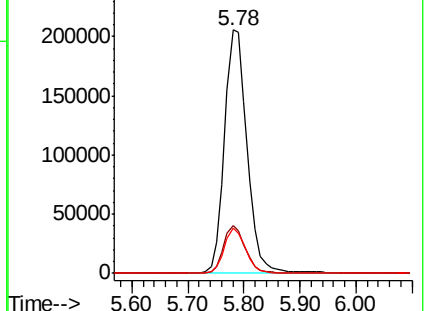
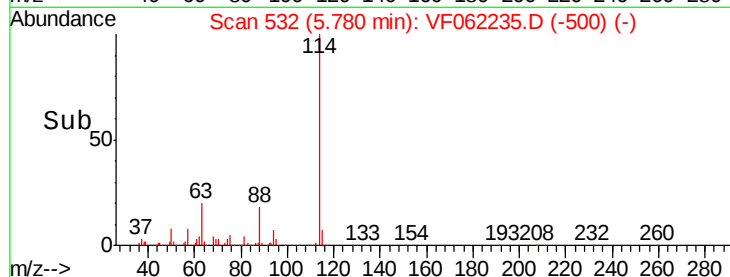
88 18.4 0.0 35.8



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: 57.512 ug/l

RT: 4.32 min Scan# 384

Delta R.T. 0.03 min

Lab File: VF062235.D

Acq: 19 Apr 2019 20:04

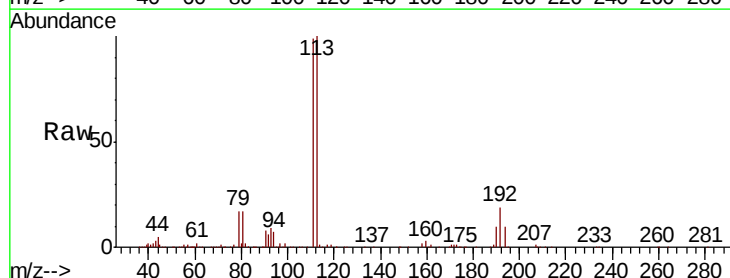
Tgt Ion:113 Resp: 291151

Ion Ratio Lower Upper

113 100

111 101.8 81.1 121.7

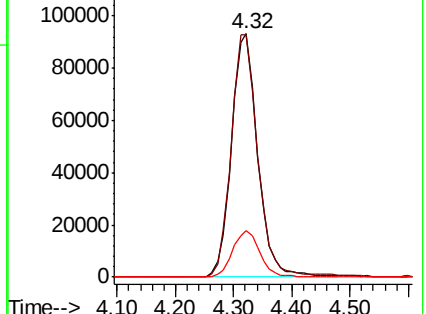
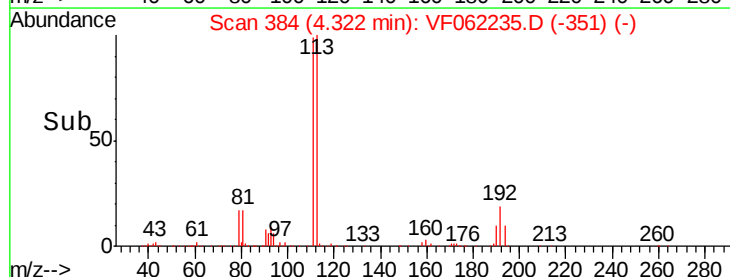
192 20.0 14.7 22.1

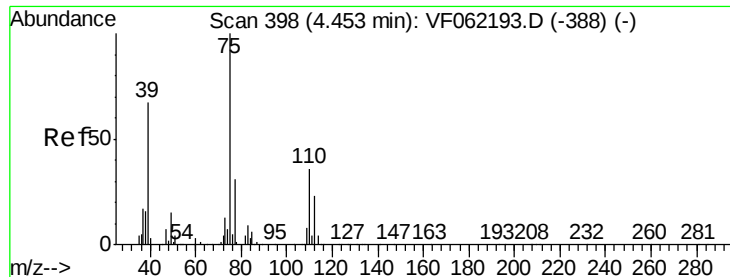


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#36

1,1-Dichloropropene

Concen: 2.535 ug/l

RT: 4.48 min Scan# 400

Delta R.T. 0.03 min

Lab File: VF062235.D

Acq: 19 Apr 2019 20:04

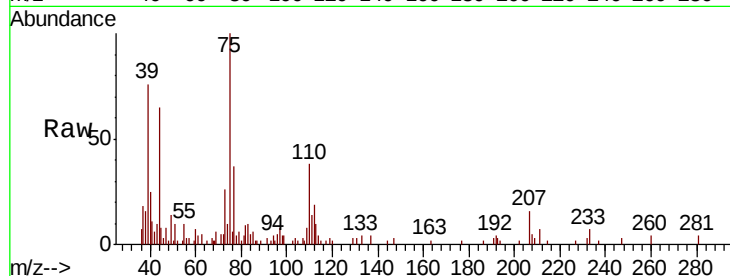
Tot Ion: 75 Resp: 17592

Ion Ratio Lower Upper

75 100

110 40.1 18.4 55.2

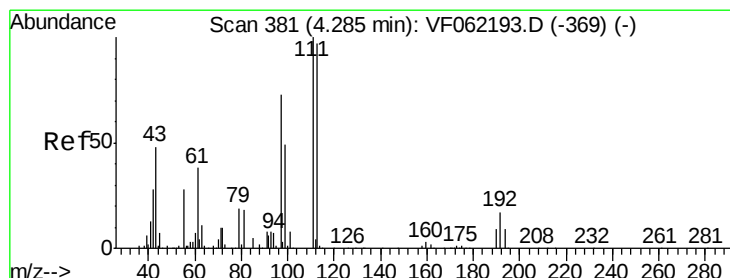
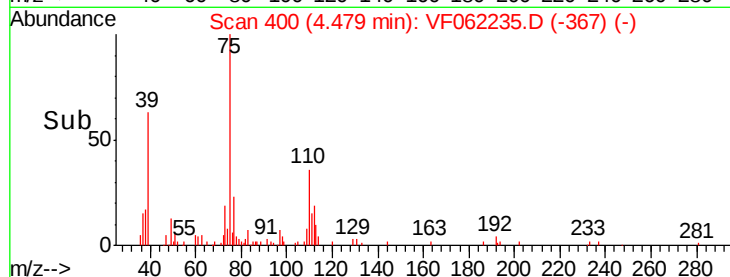
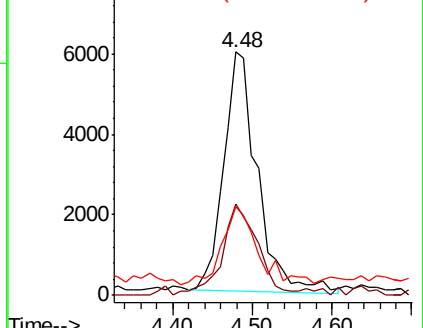
77 35.1 25.4 38.2



Abundance Ion 74.90 (74.60 to 75.60): VF0

Ion 109.90 (109.60 to 110.60): VF0

Ion 76.90 (76.60 to 77.60): VF0



#37

Ethyl Acetate

Concen: 2.476 ug/l

RT: 4.32 min Scan# 384

Delta R.T. 0.04 min

Lab File: VF062235.D

Acq: 19 Apr 2019 20:04

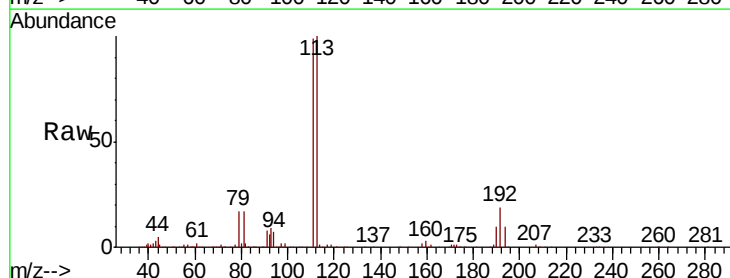
Tgt Ion: 43 Resp: 8108

Ion Ratio Lower Upper

43 100

61 90.8 0.0 0.0#

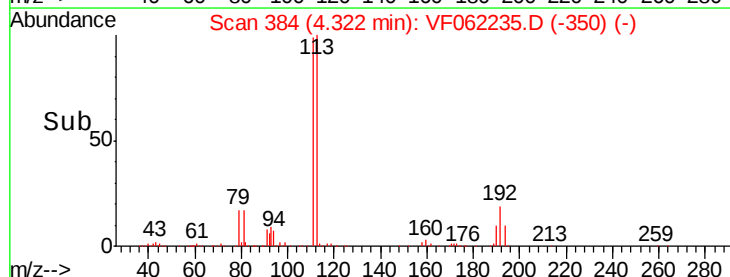
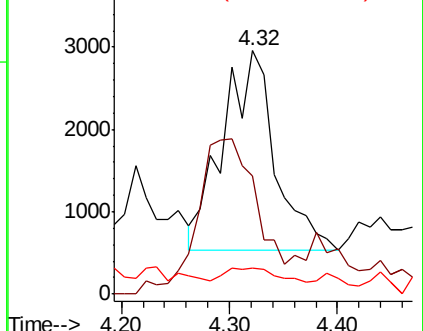
70 16.0 7.8 11.6#

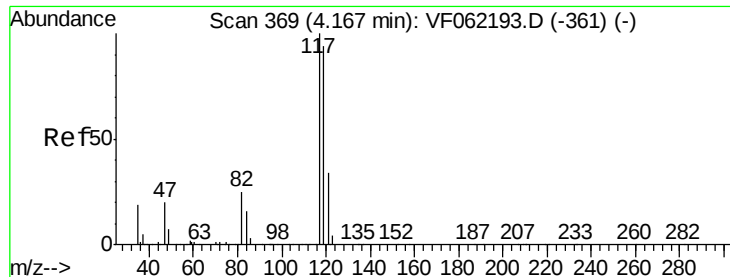


Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 60.90 (60.60 to 61.60): VF0

Ion 70.00 (69.70 to 70.70): VF0





#38

Carbon Tetrachloride

Concen: 2.635 ug/l

RT: 4.19 min Scan# 371

Delta R.T. 0.03 min

Lab File: VF062235.D

Acq: 19 Apr 2019 20:04

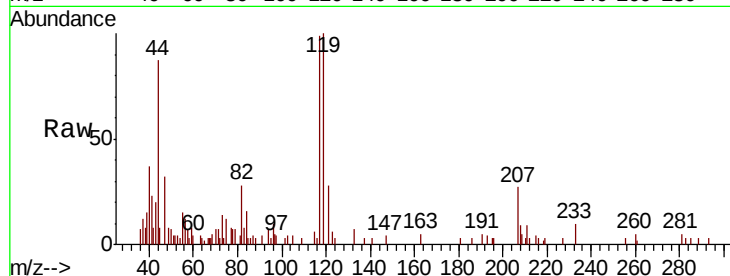
Tot Ion:117 Resp: 16181

Ion Ratio Lower Upper

117 100

119 101.2 75.0 112.4

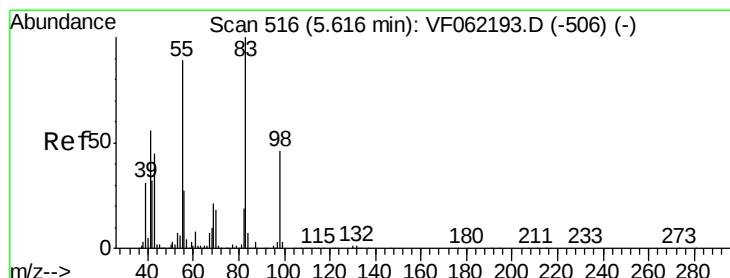
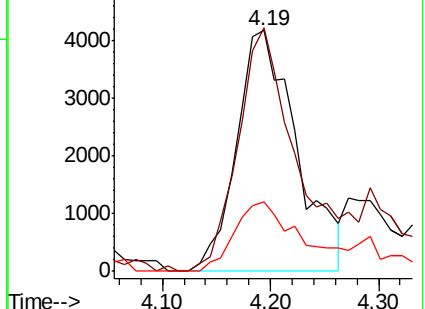
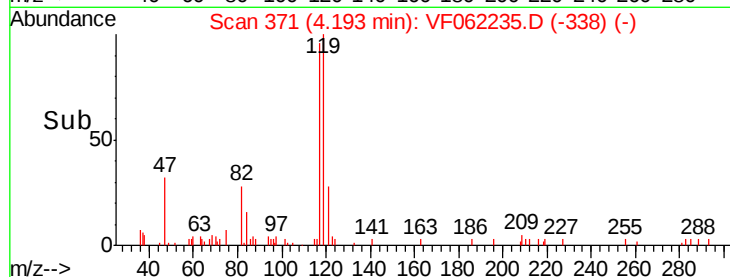
121 28.7 26.9 40.3



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V



#39

Methylcyclohexane

Concen: 2.390 ug/l

RT: 5.65 min Scan# 519

Delta R.T. 0.04 min

Lab File: VF062235.D

Acq: 19 Apr 2019 20:04

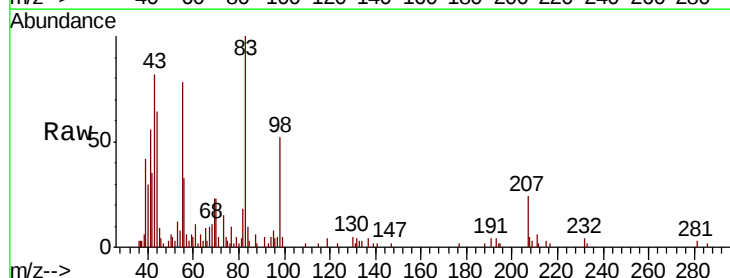
Tgt Ion: 83 Resp: 19852

Ion Ratio Lower Upper

83 100

55 70.4 71.0 106.6#

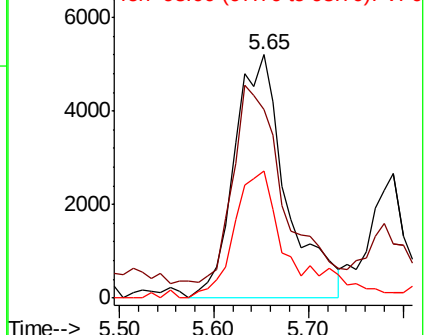
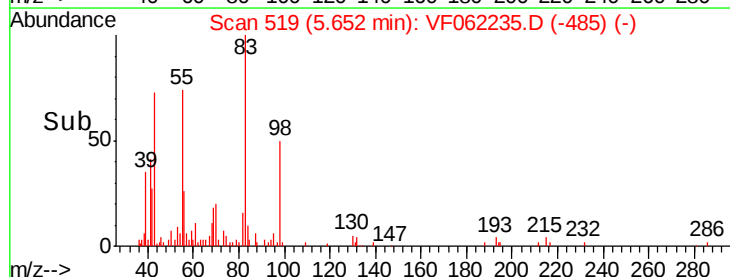
98 52.2 36.7 55.1

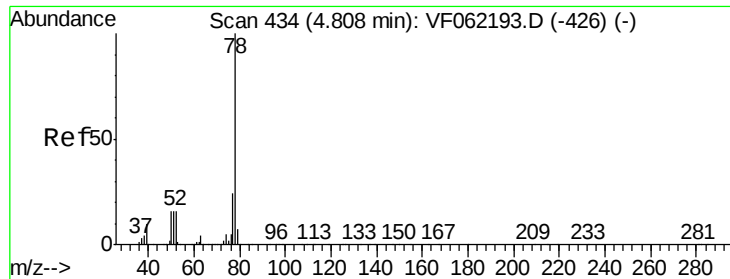


Abundance Ion 83.00 (82.70 to 83.70): VF0

Ion 55.00 (54.70 to 55.70): VF0

Ion 98.00 (97.70 to 98.70): VF0





#40

Benzene

Concen: 2.534 ug/l

RT: 4.83 min Scan# 436

Delta R.T. 0.03 min

Lab File: VF062235.D

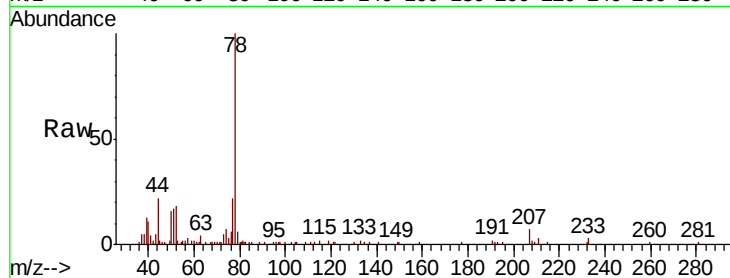
Acq: 19 Apr 2019 20:04

Tot Ion: 78 Resp: 46117

Ion Ratio Lower Upper

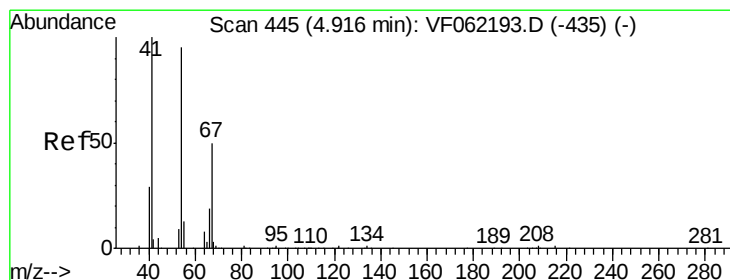
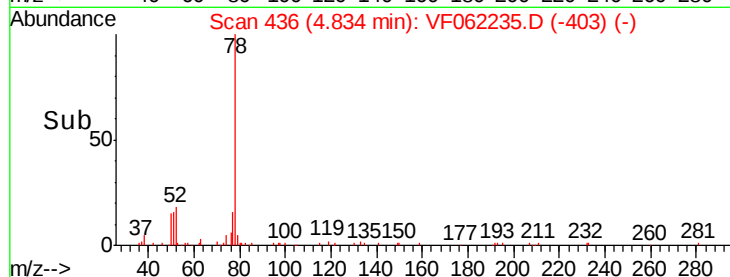
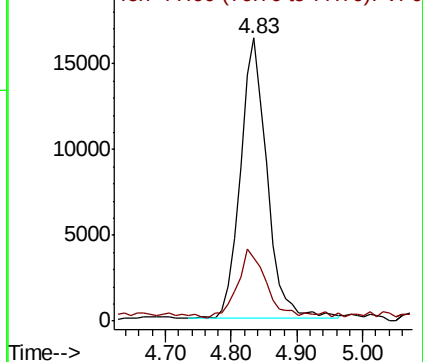
78 100

77 20.6 18.9 28.3



Abundance Ion 78.00 (77.70 to 78.70): VF0

Ion 77.00 (76.70 to 77.70): VF0



#41

Methacrylonitrile

Concen: 3.375 ug/l

RT: 4.95 min Scan# 448

Delta R.T. 0.04 min

Lab File: VF062235.D

Acq: 19 Apr 2019 20:04

Tgt Ion: 41 Resp: 6375

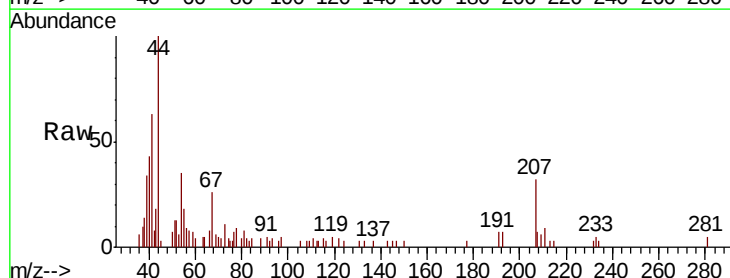
Ion Ratio Lower Upper

41 100

39 52.0 44.7 67.1

67 56.7 39.1 58.7

52 58.9 49.8 74.8

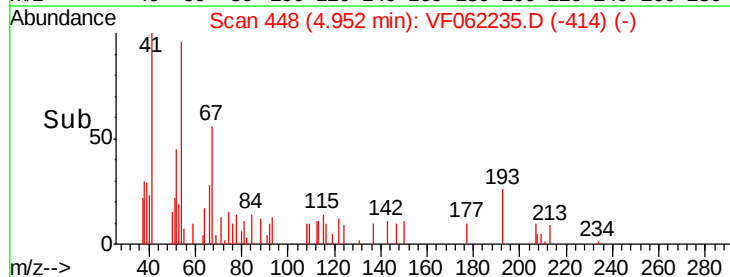
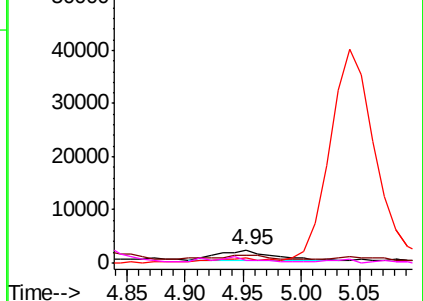


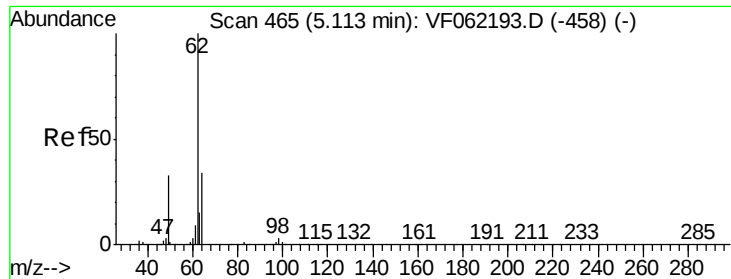
Abundance Ion 41.00 (40.70 to 41.70): VF0

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





#42

1,2-Dichloroethane

Concen: 2.500 ug/l

RT: 5.14 min Scan# 467

Delta R.T. 0.03 min

Lab File: VF062235.D

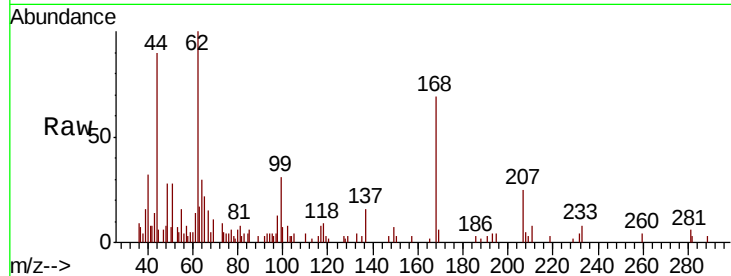
Acq: 19 Apr 2019 20:04

Tot Ion: 62 Resp: 12028

Ion Ratio Lower Upper

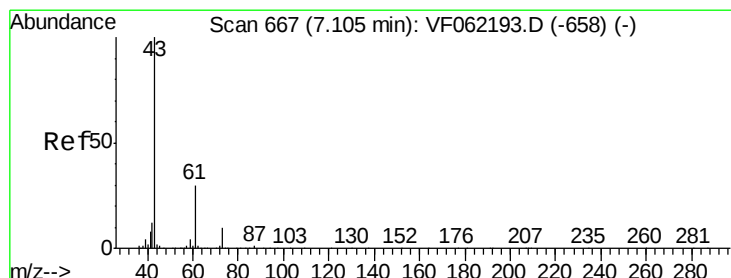
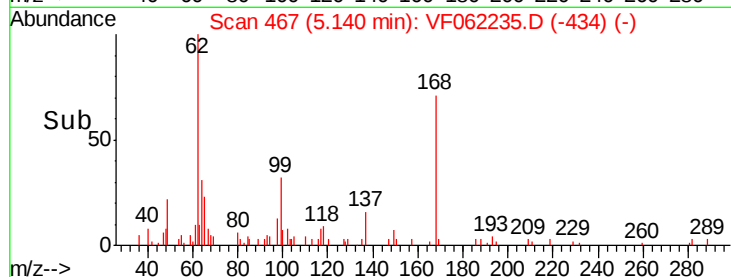
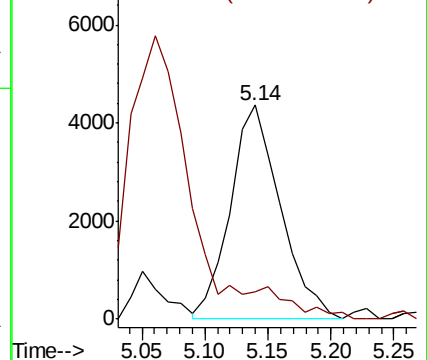
62 100

98 0.0 0.0 19.0



Abundance Ion 61.90 (61.60 to 62.60): VF0

Ion 97.90 (97.60 to 98.60): VF0



#43

Isopropyl Acetate

Concen: 2.619 ug/l

RT: 7.13 min Scan# 669

Delta R.T. 0.03 min

Lab File: VF062235.D

Acq: 19 Apr 2019 20:04

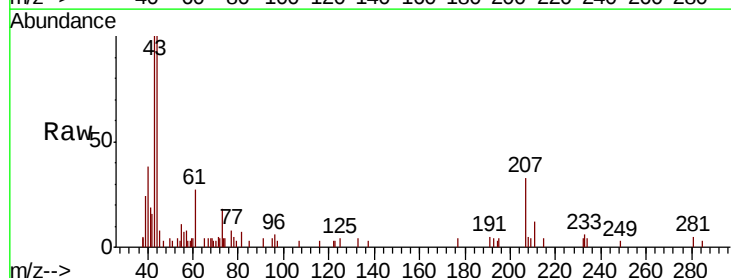
Tgt Ion: 43 Resp: 9019

Ion Ratio Lower Upper

43 100

61 31.8 24.4 36.6

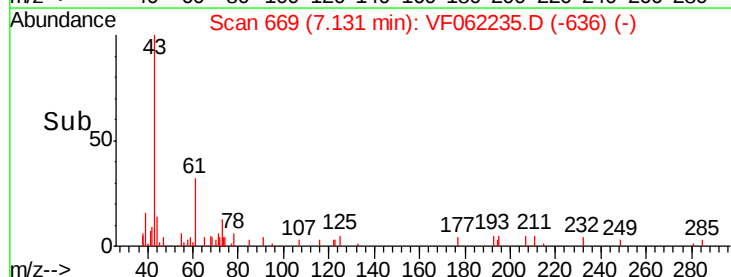
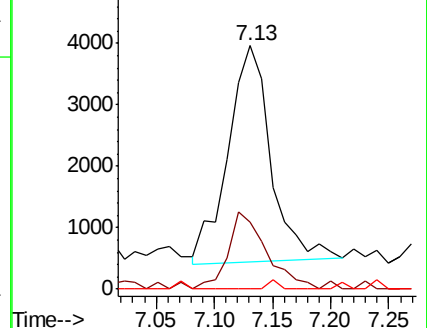
87 0.0 0.4 0.6#

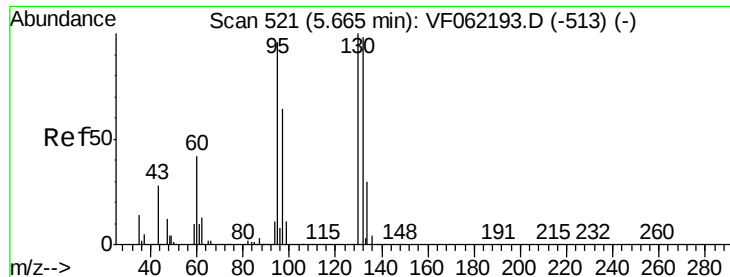


Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 61.00 (60.70 to 61.70): VF0

Ion 87.00 (86.70 to 87.70): VF0





#44

Trichloroethene

Concen: 2.876 ug/l

RT: 5.69 min Scan# 523

Delta R.T. 0.03 min

Lab File: VF062235.D

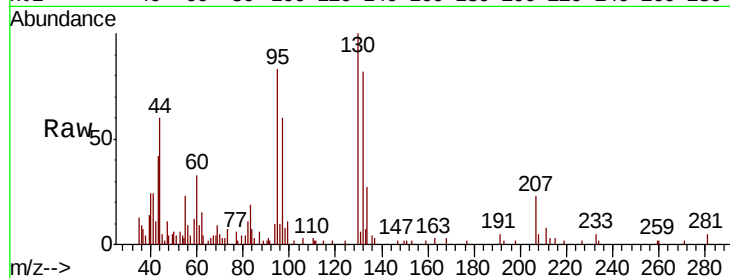
Acq: 19 Apr 2019 20:04

Tot Ion:130 Resp: 14142

Ion Ratio Lower Upper

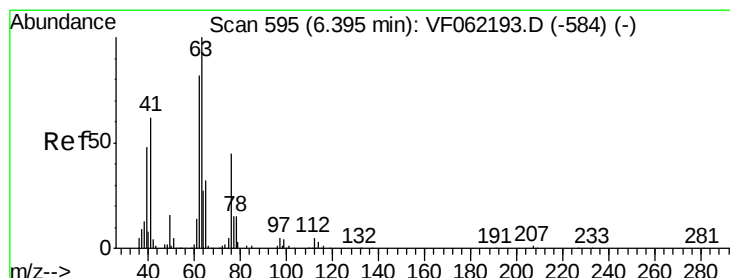
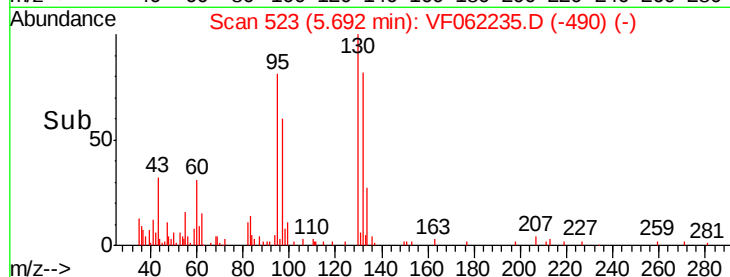
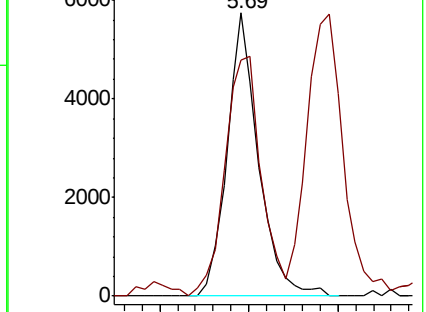
130 100

95 83.5 0.0 191.4



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VF0



#45

1,2-Dichloropropane

Concen: 2.398 ug/l

RT: 6.43 min Scan# 598

Delta R.T. 0.04 min

Lab File: VF062235.D

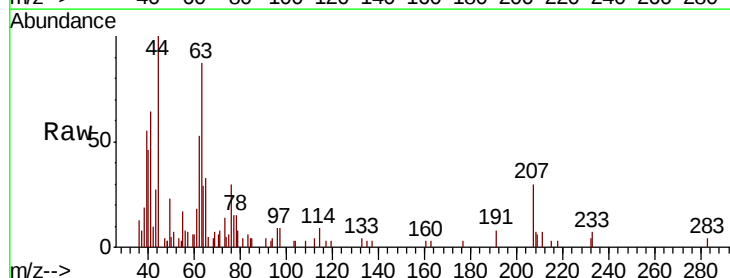
Acq: 19 Apr 2019 20:04

Tgt Ion: 63 Resp: 9612

Ion Ratio Lower Upper

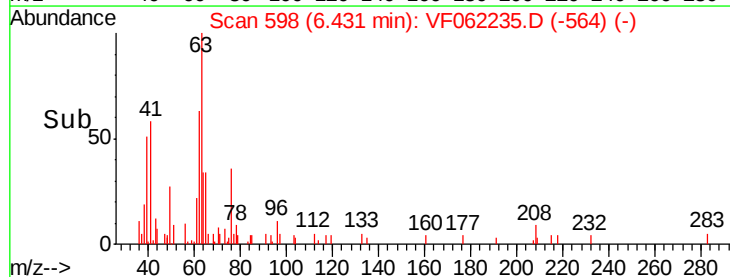
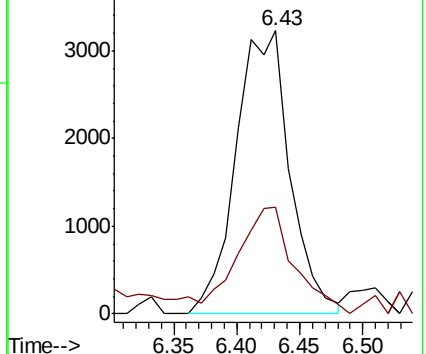
63 100

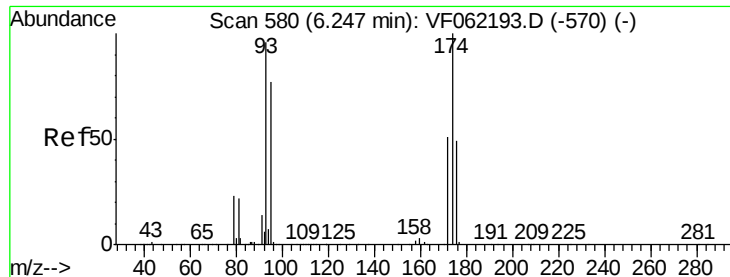
65 34.7 25.9 38.9



Abundance Ion 62.90 (62.60 to 63.60): VF0

Ion 64.90 (64.60 to 65.60): VF0





#46

Dibromomethane

Concen: 2.811 ug/l

RT: 6.27 min Scan# 582

Delta R.T. 0.03 min

Lab File: VF062235.D

Acq: 19 Apr 2019 20:04

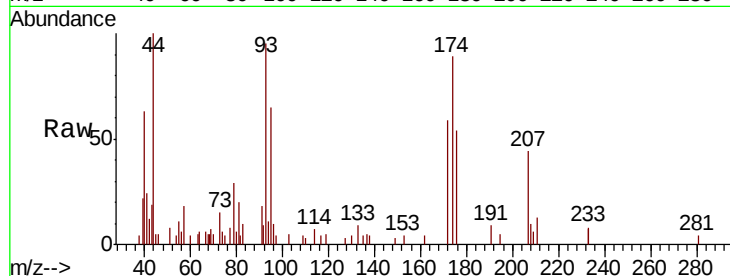
Tot Ion: 93 Resp: 7499

Ion Ratio Lower Upper

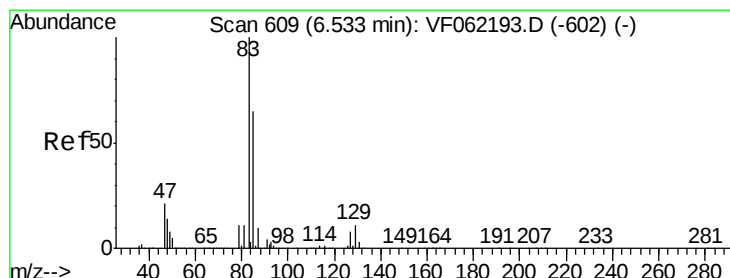
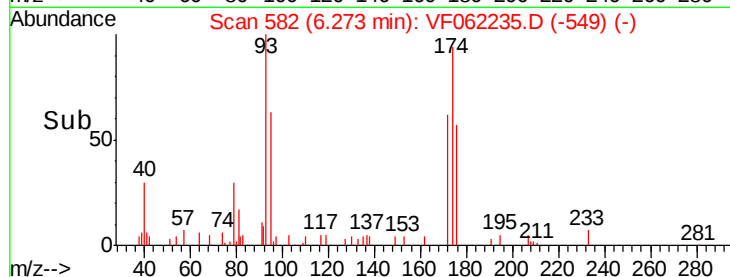
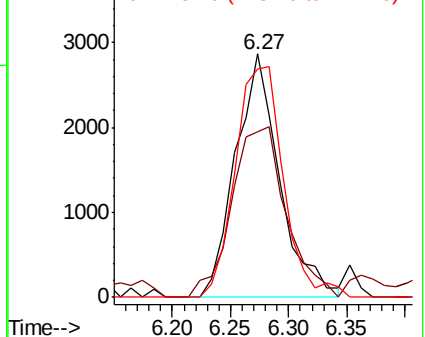
93 100

95 86.4 65.1 97.7

174 103.8 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: 2.695 ug/l

RT: 6.56 min Scan# 611

Delta R.T. 0.03 min

Lab File: VF062235.D

Acq: 19 Apr 2019 20:04

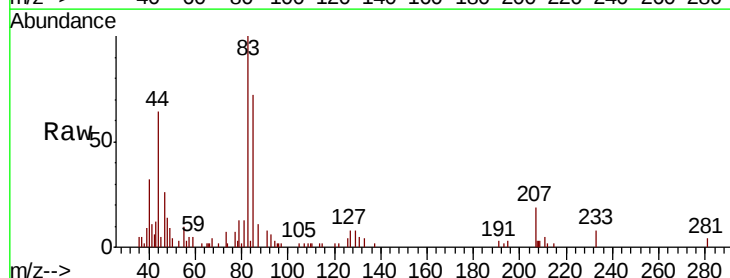
Tgt Ion: 83 Resp: 16219

Ion Ratio Lower Upper

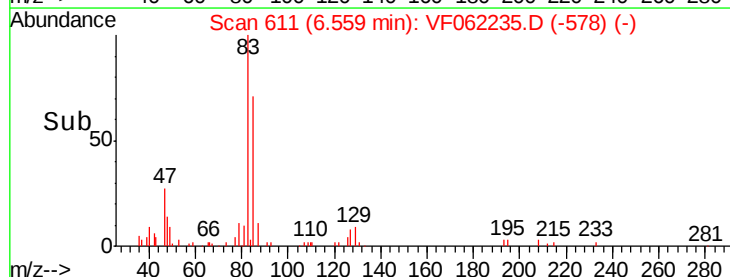
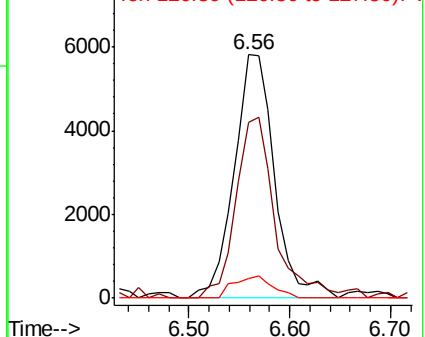
83 100

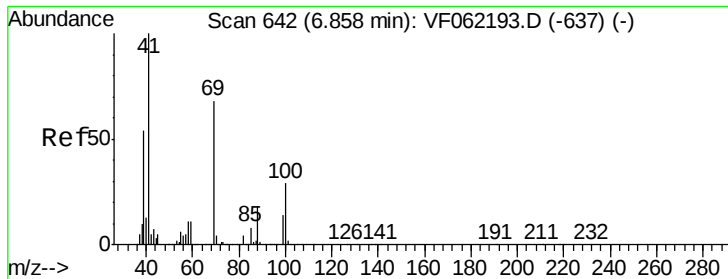
85 72.5 52.2 78.4

127 8.1 6.7 10.1



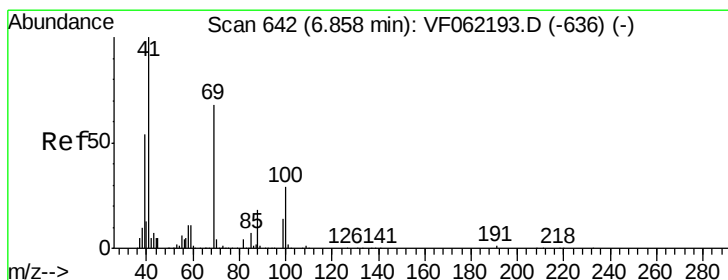
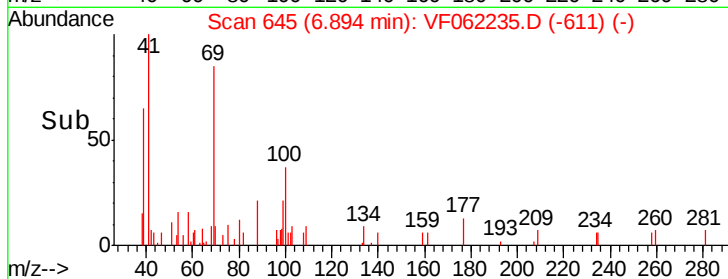
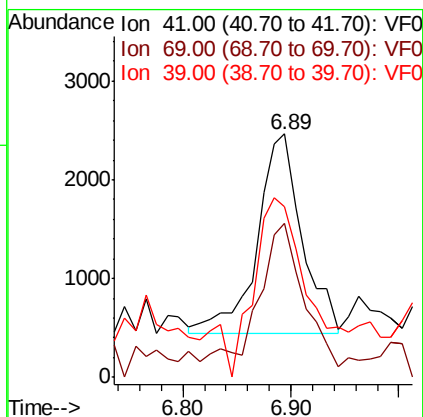
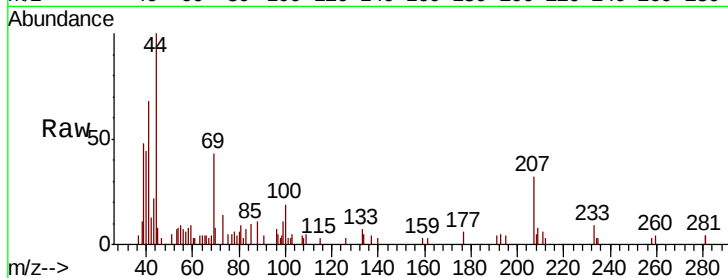
Abundance Ion 82.90 (82.60 to 83.60): VF0
Ion 84.90 (84.60 to 85.60): VF0
Ion 126.80 (126.50 to 127.50): V





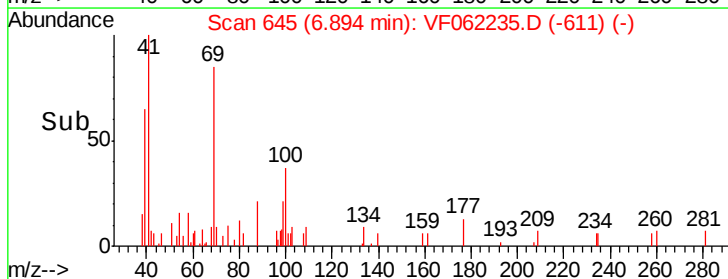
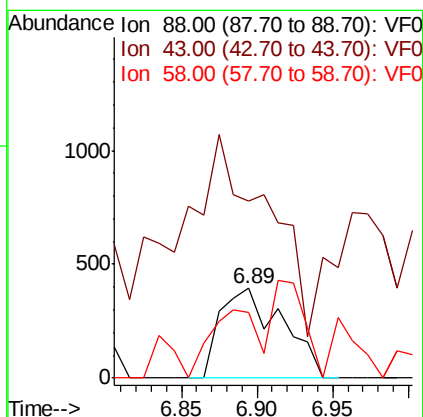
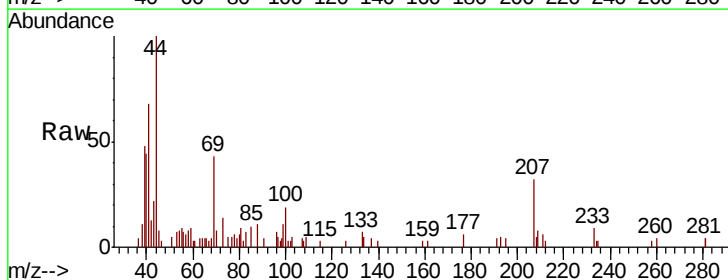
#48
Methvl methacrvlate
Concen: 2.564 ug/l
RT: 6.89 min Scan# 645
Delta R.T. 0.04 min
Lab File: VF062235.D
Acq: 19 Apr 2019 20:04

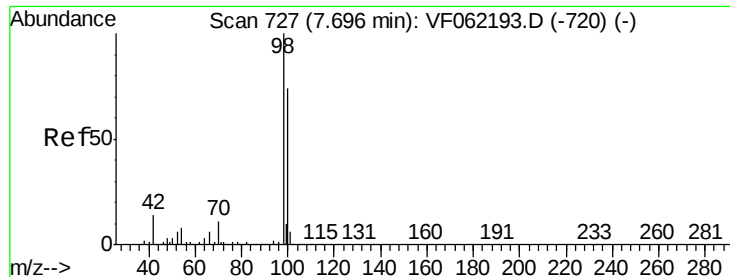
Tot Ion	Ratio	Lower	Upper
41	100		
69	82.2	54.9	82.3
39	110.3	43.6	65.4#



#49
1,4-Dioxane
Concen: 43.267 ug/l
RT: 6.89 min Scan# 645
Delta R.T. 0.04 min
Lab File: VF062235.D
Acq: 19 Apr 2019 20:04

Tgt Ion	Ratio	Lower	Upper
88	100		
43	318.9	36.9	55.3#
58	58.1	56.8	85.2





#50

Toluene-d8

Concen: 53.002 ug/l

RT: 7.72 min Scan# 729

Delta R.T. 0.03 min

Lab File: VF062235.D

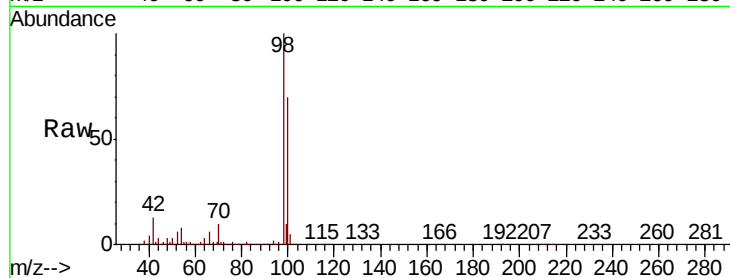
Acq: 19 Apr 2019 20:04

Tot Ion: 98 Resp: 679222

Ion Ratio Lower Upper

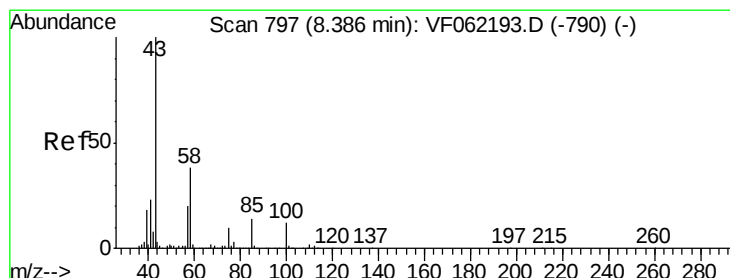
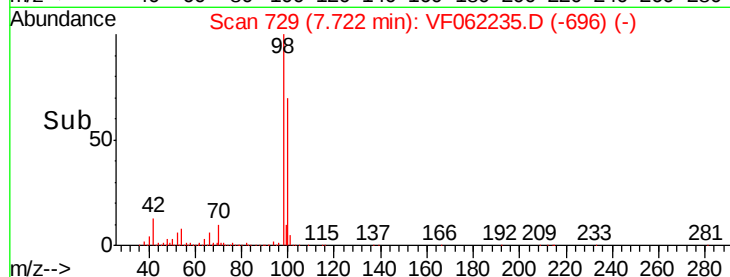
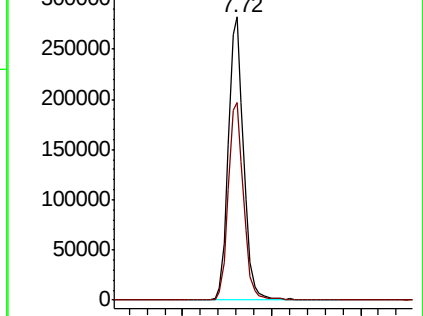
98 100

100 69.7 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: 12.941 ug/l

RT: 8.41 min Scan# 799

Delta R.T. 0.03 min

Lab File: VF062235.D

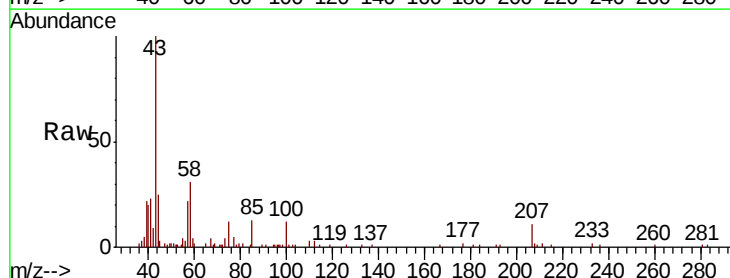
Acq: 19 Apr 2019 20:04

Tgt Ion: 43 Resp: 33146

Ion Ratio Lower Upper

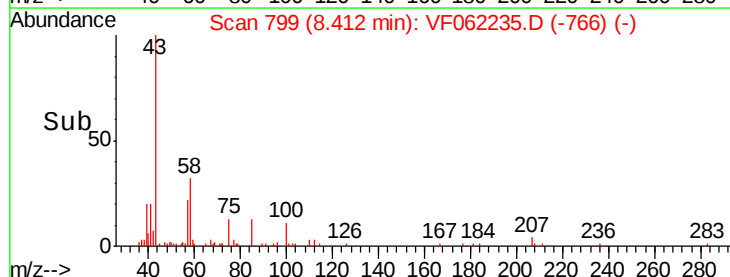
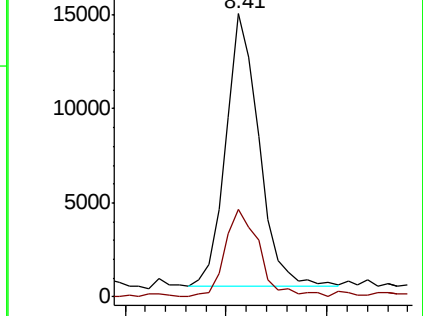
43 100

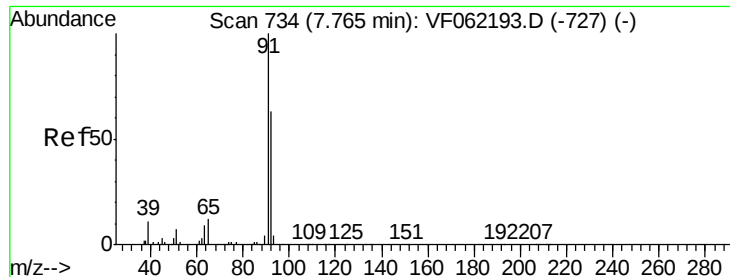
58 33.5 29.3 43.9



Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 58.00 (57.70 to 58.70): VF0





#52

Toluene

Concen: 2.520 ug/l

RT: 7.79 min Scan# 736

Delta R.T. 0.03 min

Lab File: VF062235.D

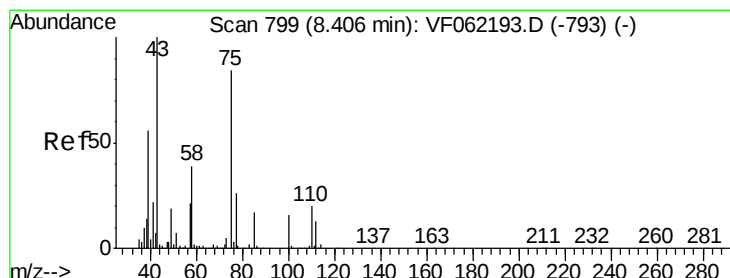
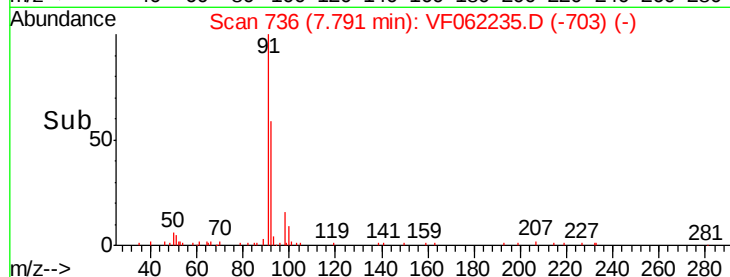
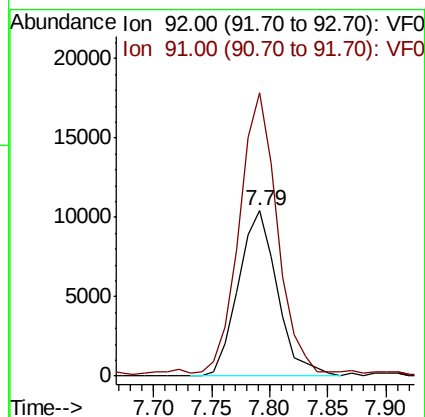
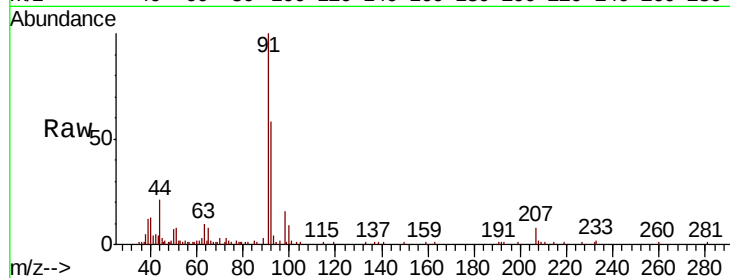
Acq: 19 Apr 2019 20:04

Tot Ion: 92 Resp: 24172

Ion Ratio Lower Upper

92 100

91 167.8 130.1 195.1



#53

t-1,3-Dichloropropene

Concen: 2.792 ug/l

RT: 8.43 min Scan# 801

Delta R.T. 0.03 min

Lab File: VF062235.D

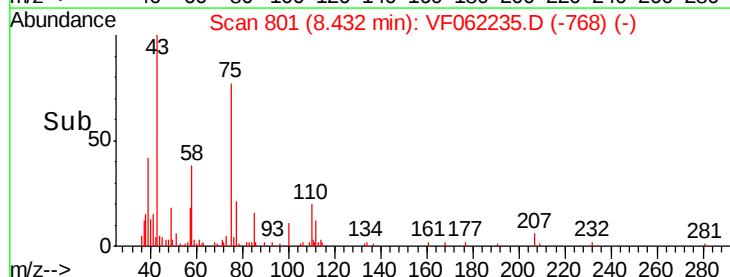
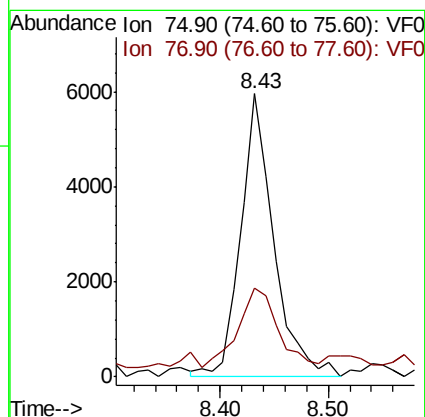
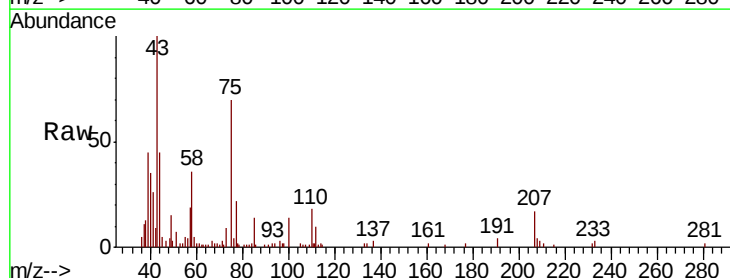
Acq: 19 Apr 2019 20:04

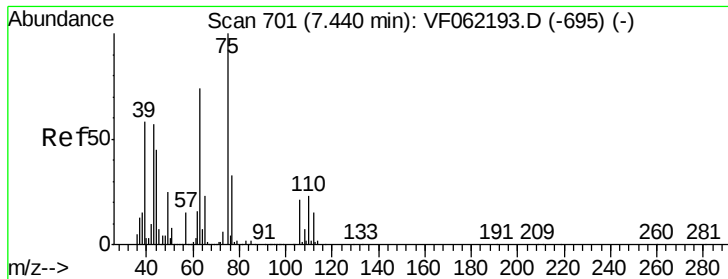
Tgt Ion: 75 Resp: 12624

Ion Ratio Lower Upper

75 100

77 24.1 24.6 36.8#

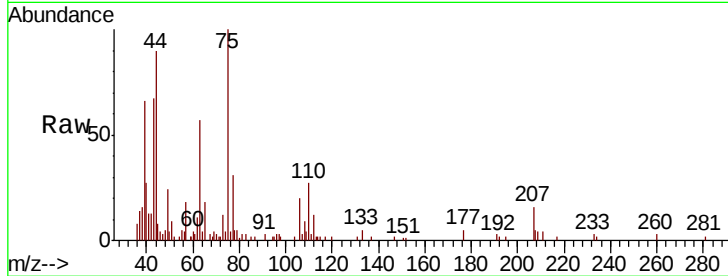




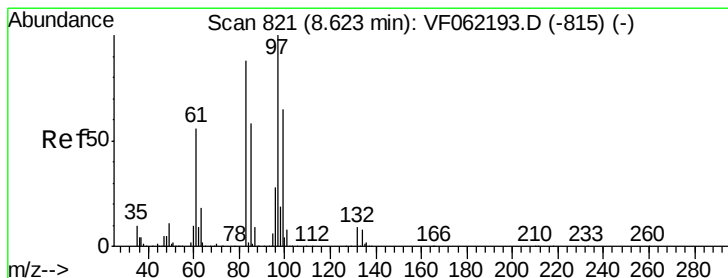
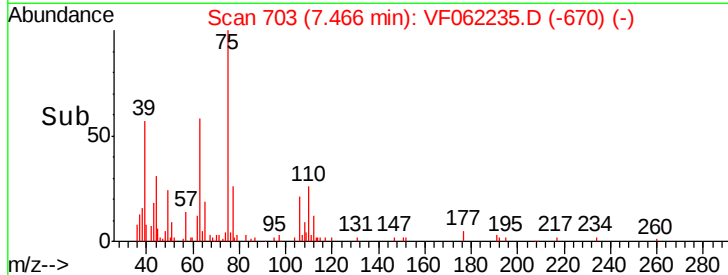
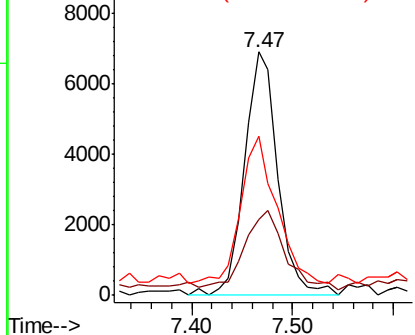
#54

cis-1,3-Dichloropropene
Concen: 2.598 ug/l
RT: 7.47 min Scan# 703
Delta R.T. 0.03 min
Lab File: VF062235.D
Acq: 19 Apr 2019 20:04

Tot Ion	75	Resp	15885
Ion Ratio	100	Lower	Upper
77	29.2	26.4	39.6
39	60.5	46.7	70.1



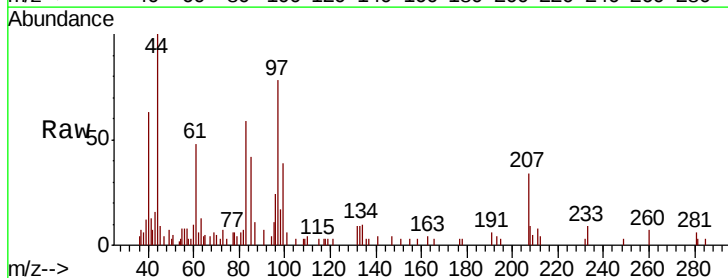
Abundance Ion 74.90 (74.60 to 75.60): VF0
Ion 76.90 (76.60 to 77.60): VF0
Ion 39.00 (38.70 to 39.70): VF0



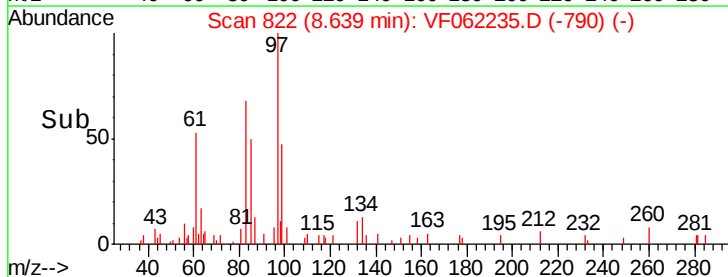
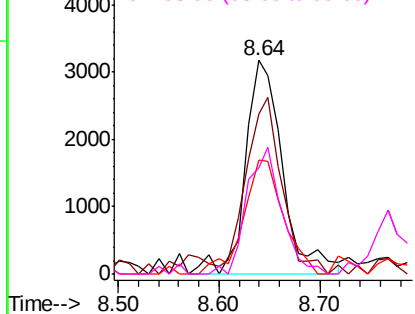
#55

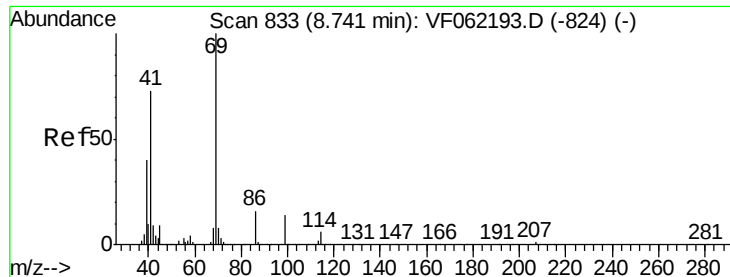
1,1,2-Trichloroethane
Concen: 3.044 ug/l
RT: 8.64 min Scan# 822
Delta R.T. 0.02 min
Lab File: VF062235.D
Acq: 19 Apr 2019 20:04

Tgt Ion	97	Resp	8181
Ion Ratio	100	Lower	Upper
83	70.4	70.2	105.2
85	53.1	46.2	69.4
99	50.0	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: 2.604 ug/l

RT: 8.77 min Scan# 835

Delta R.T. 0.03 min

Lab File: VF062235.D

Acq: 19 Apr 2019 20:04

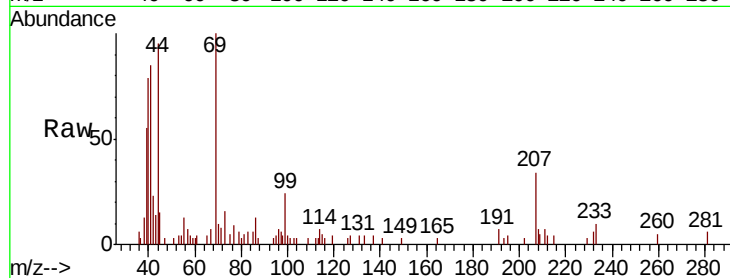
Tot Ion: 69 Resp: 7958

Ion Ratio Lower Upper

69 100

41 80.8 61.5 92.3

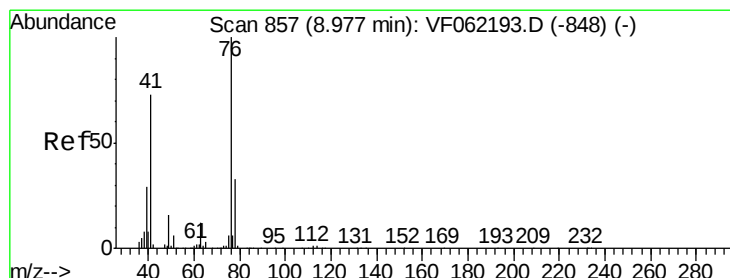
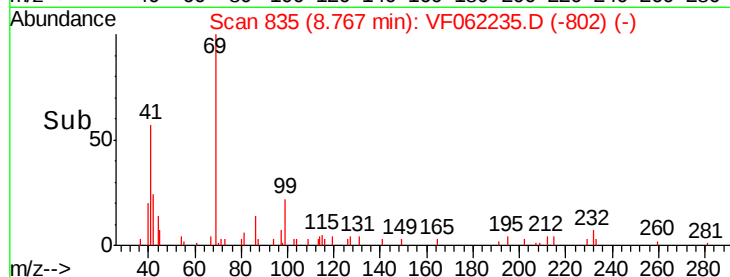
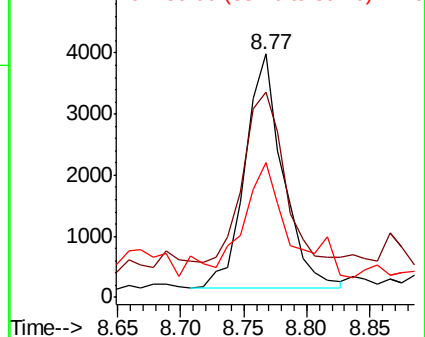
39 64.1 33.3 49.9#



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: 2.682 ug/l

RT: 9.00 min Scan# 859

Delta R.T. 0.03 min

Lab File: VF062235.D

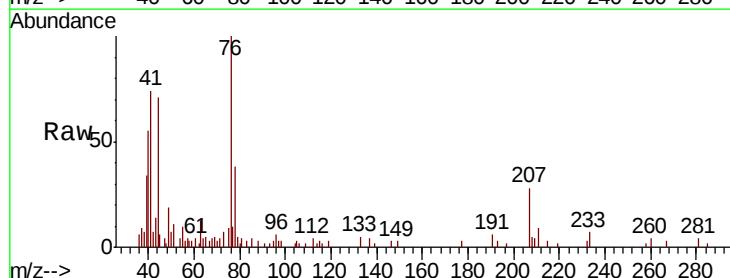
Acq: 19 Apr 2019 20:04

Tgt Ion: 76 Resp: 11638

Ion Ratio Lower Upper

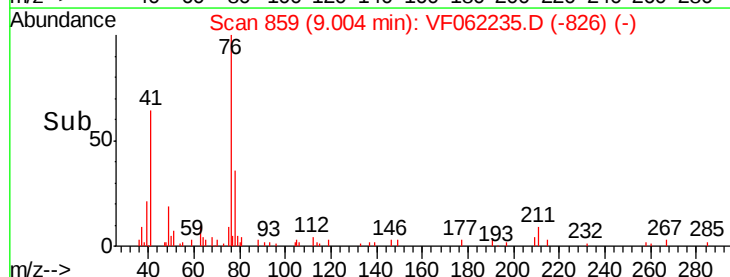
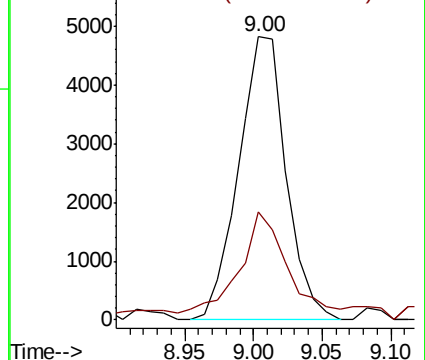
76 100

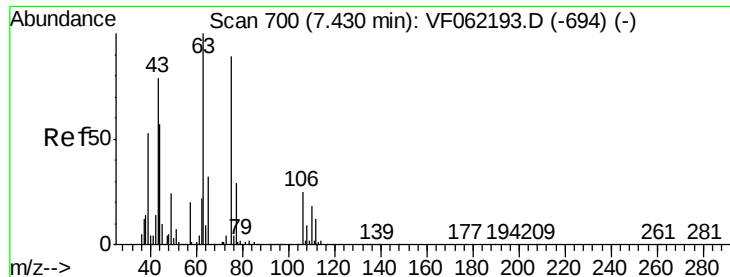
78 34.6 26.5 39.7



Abundance Ion 75.90 (75.60 to 76.60): VF0

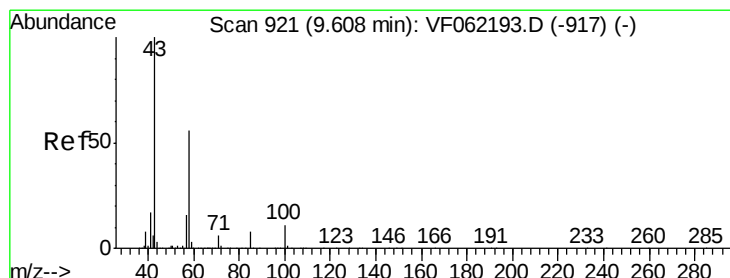
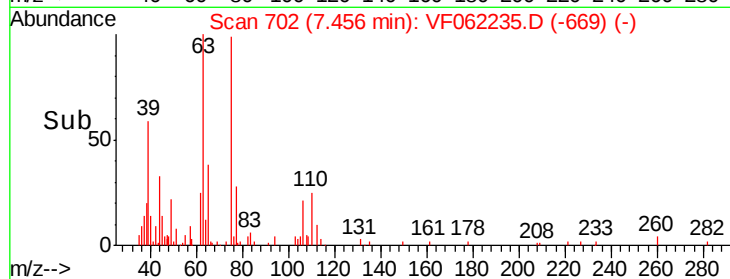
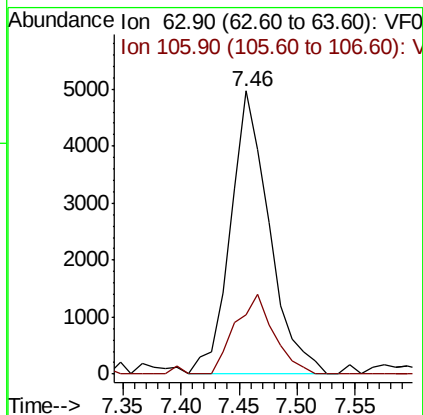
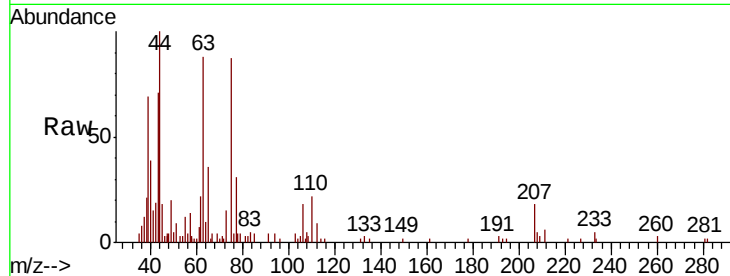
Ion 77.90 (77.60 to 78.60): VF0





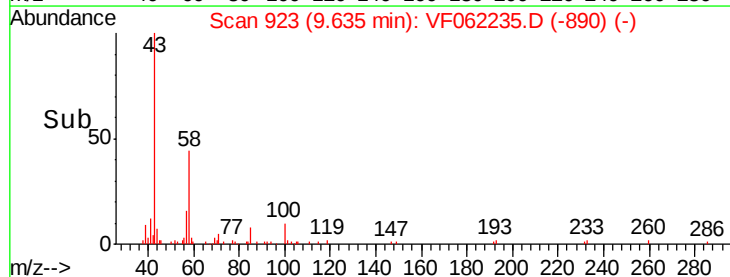
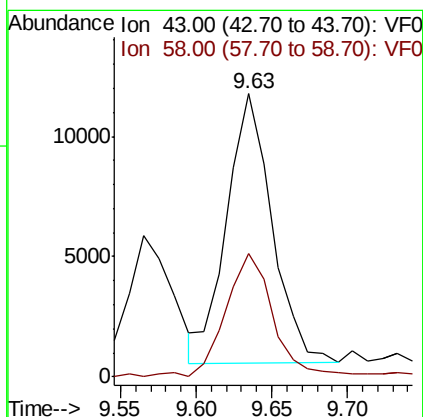
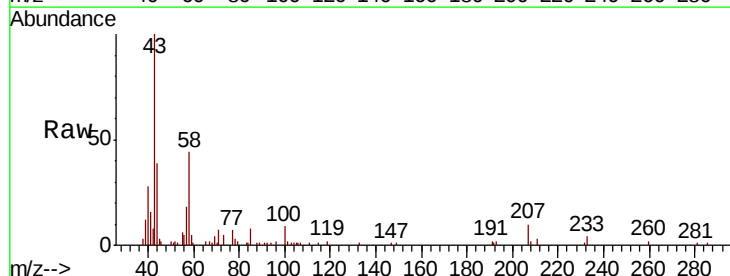
#58
 2-Chloroethyl Vinyl ether
 Concen: 12.930 ug/l
 RT: 7.46 min Scan# 702
 Delta R.T. 0.03 min
 Lab File: VF062235.D
 Acq: 19 Apr 2019 20:04

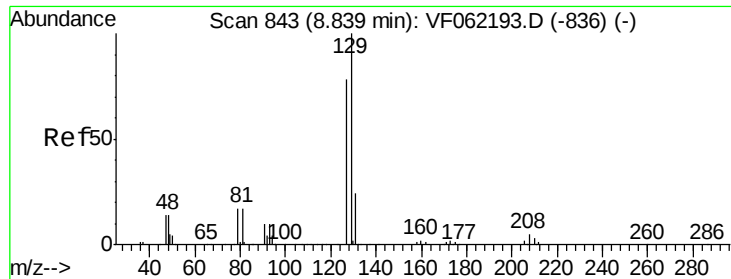
Tot Ion: 63 Resp: 11471
 Ion Ratio Lower Upper
 63 100
 106 28.3 21.4 32.0



#59
 2-Hexanone
 Concen: 14.676 ug/l
 RT: 9.63 min Scan# 923
 Delta R.T. 0.03 min
 Lab File: VF062235.D
 Acq: 19 Apr 2019 20:04

Tgt Ion: 43 Resp: 23236
 Ion Ratio Lower Upper
 43 100
 58 49.1 24.6 74.0





#60

Dibromochloromethane

Concen: 2.786 ug/l

RT: 8.87 min Scan# 845

Delta R.T. 0.03 min

Lab File: VF062235.D

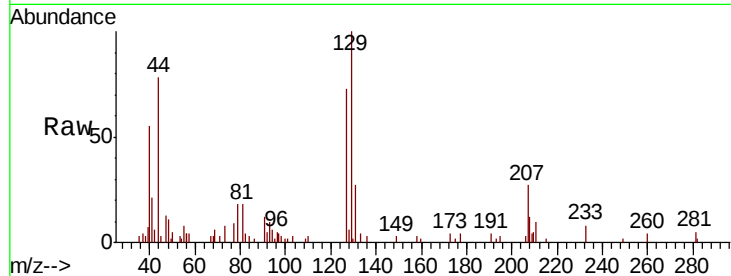
Acq: 19 Apr 2019 20:04

Tot Ion:129 Resp: 11134

Ion Ratio Lower Upper

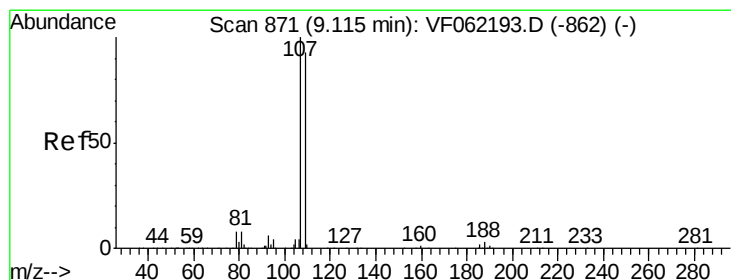
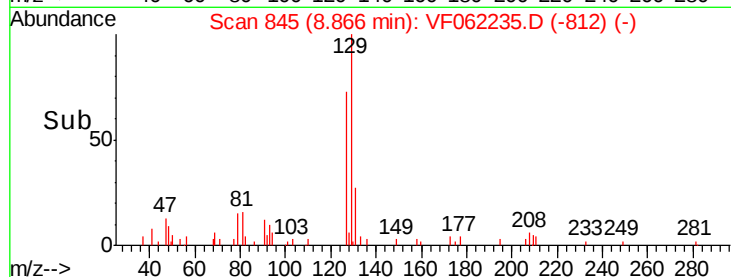
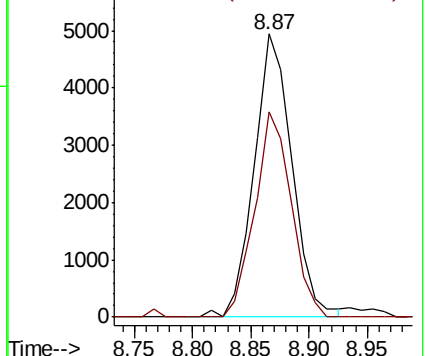
129 100

127 69.5 39.0 117.0



Abundance Ion 128.80 (128.50 to 129.50): V

Ion 126.80 (126.50 to 127.50): V



#61

1,2-Dibromoethane

Concen: 2.750 ug/l

RT: 9.14 min Scan# 873

Delta R.T. 0.03 min

Lab File: VF062235.D

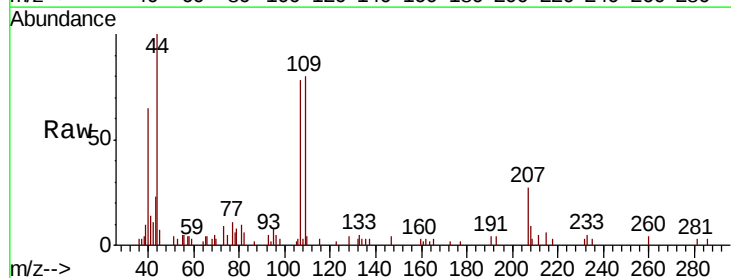
Acq: 19 Apr 2019 20:04

Tgt Ion:107 Resp: 8328

Ion Ratio Lower Upper

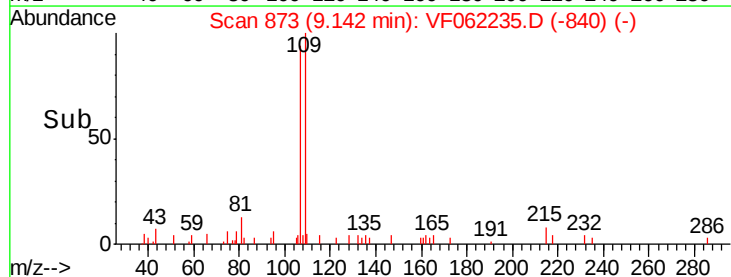
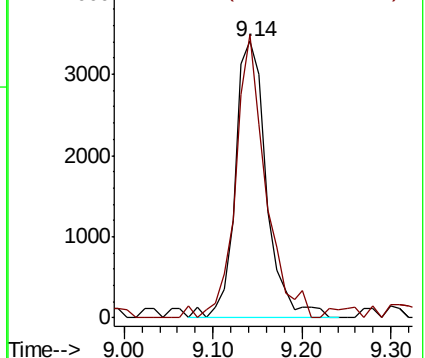
107 100

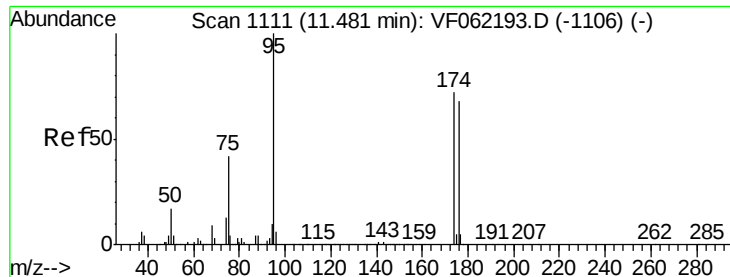
109 97.5 74.3 111.5



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V





#62

4-Bromofluorobenzene

Concen: 56.598 ug/l

RT: 11.50 min Scan# 1112

Delta R.T. 0.02 min

Lab File: VF062235.D

Acq: 19 Apr 2019 20:04

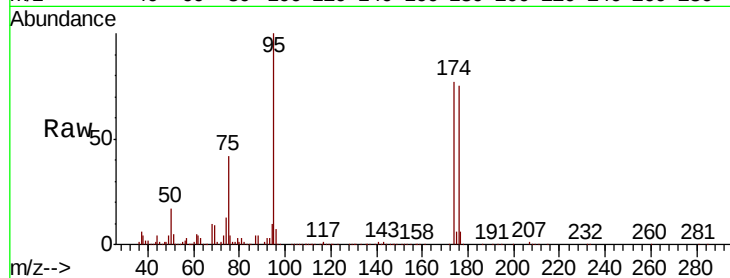
Tot Ion: 95 Resp: 279019

Ion Ratio Lower Upper

95 100

174 89.8 0.0 159.4

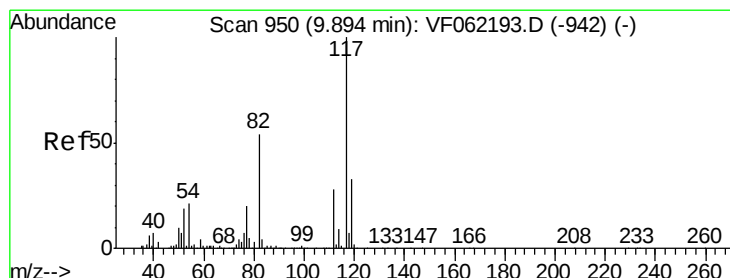
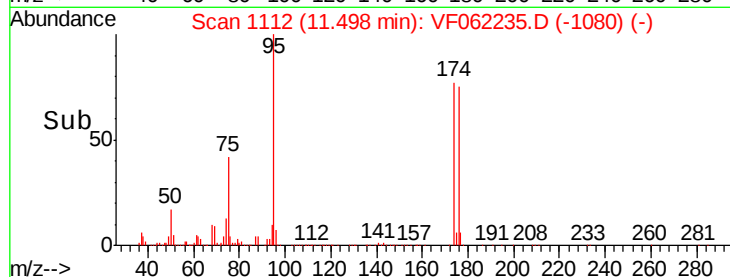
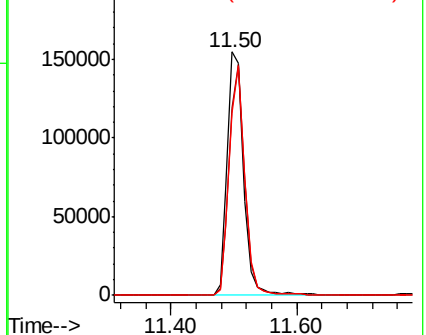
176 89.9 0.0 155.4



Abundance Ion 94.90 (94.60 to 95.60): VF0

Ion 173.80 (173.50 to 174.50): VF0

Ion 175.80 (175.50 to 176.50): VF0



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 9.92 min Scan# 952

Delta R.T. 0.03 min

Lab File: VF062235.D

Acq: 19 Apr 2019 20:04

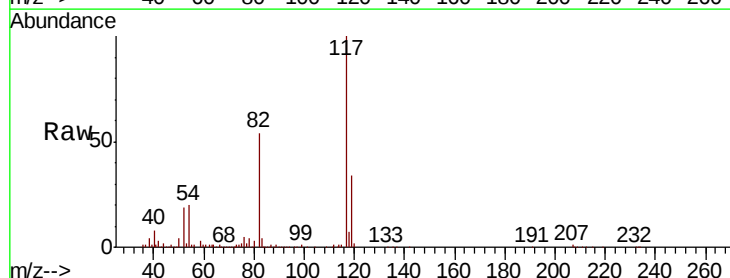
Tgt Ion: 117 Resp: 434560

Ion Ratio Lower Upper

117 100

82 54.4 43.2 64.8

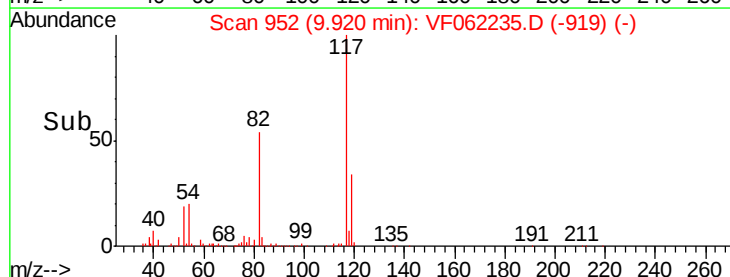
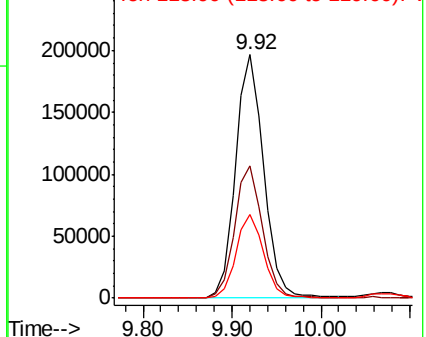
119 34.4 26.2 39.4

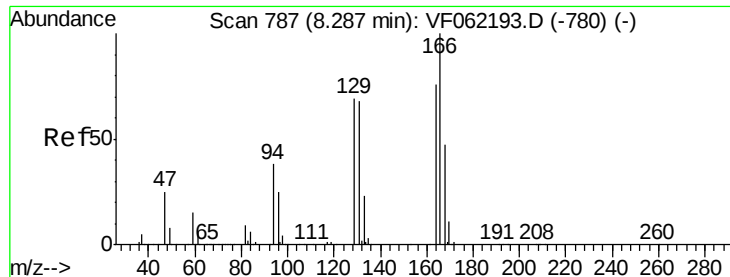


Abundance Ion 116.90 (116.60 to 117.60): VF0

Ion 82.00 (81.70 to 82.70): VF0

Ion 118.90 (118.60 to 119.60): VF0





#64

Tetrachloroethene

Concen: 3.008 ug/l

RT: 8.31 min Scan# 789

Delta R.T. 0.03 min

Lab File: VF062235.D

Acq: 19 Apr 2019 20:04

Tot Ion:164 Resp: 11801

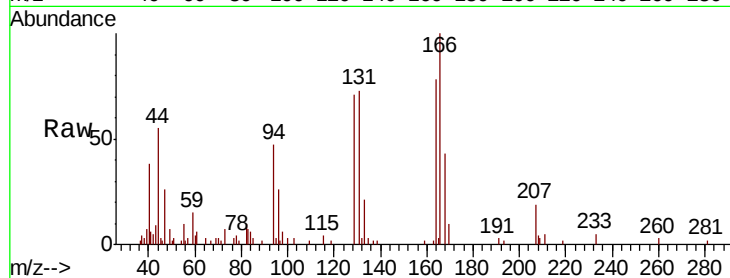
Ion Ratio Lower Upper

164 100

166 127.9 104.7 157.1

129 90.3 72.6 109.0

131 93.2 71.6 107.4

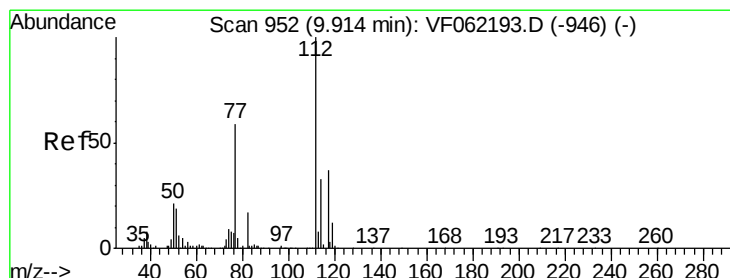
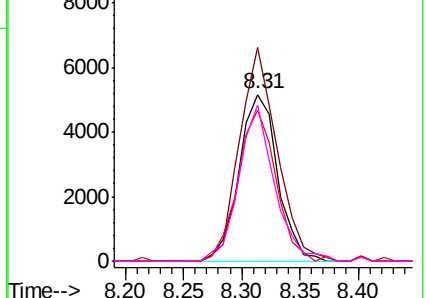
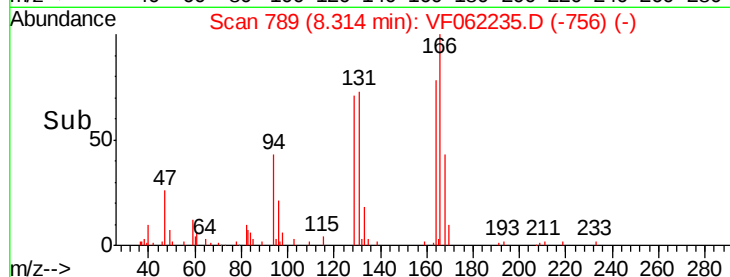


Abundance Ion 163.80 (163.50 to 164.50): V

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: 2.734 ug/l

RT: 9.94 min Scan# 954

Delta R.T. 0.03 min

Lab File: VF062235.D

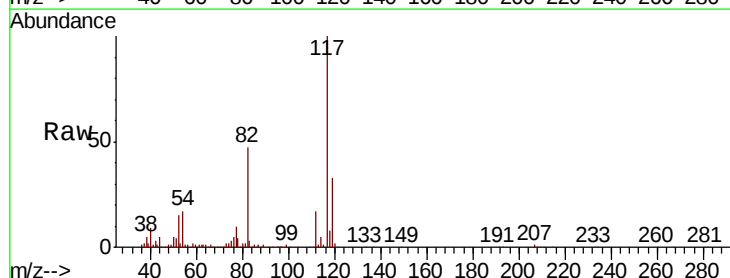
Acq: 19 Apr 2019 20:04

Tgt Ion:112 Resp: 25334

Ion Ratio Lower Upper

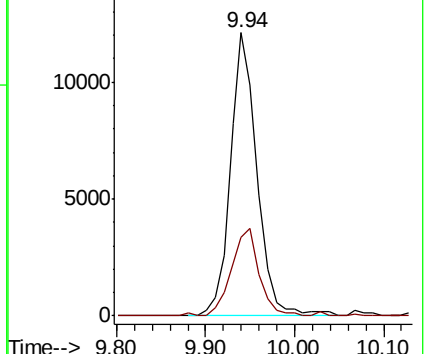
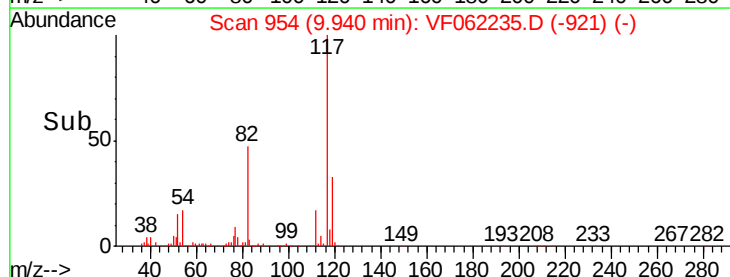
112 100

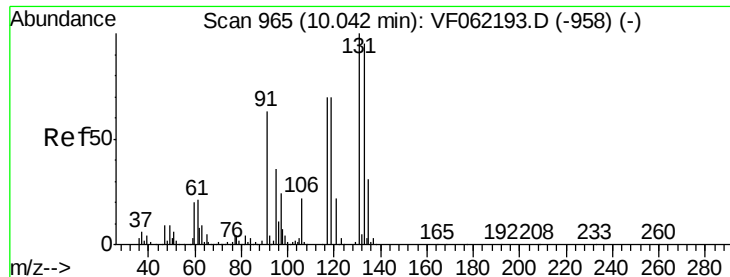
114 27.8 26.1 39.1



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: 2.875 ug/l

RT: 10.07 min Scan# 967

Delta R.T. 0.03 min

Lab File: VF062235.D

Acq: 19 Apr 2019 20:04

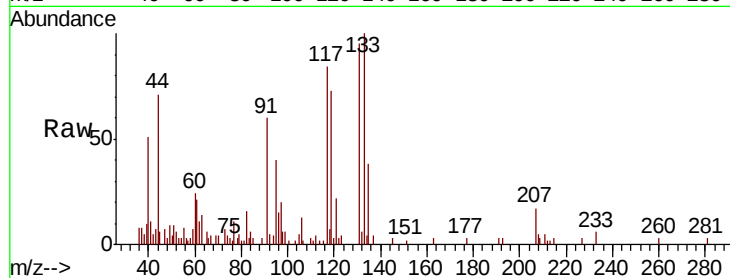
Tot Ion:131 Resp: 12476

Ion Ratio Lower Upper

131 100

133 96.7 47.7 143.1

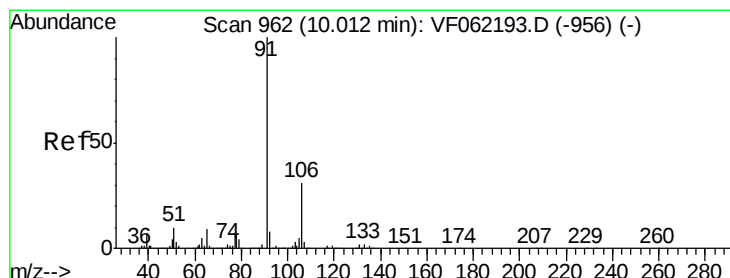
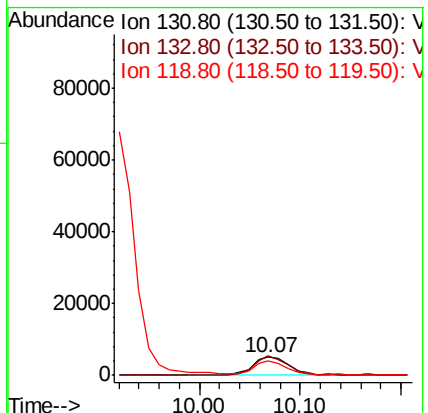
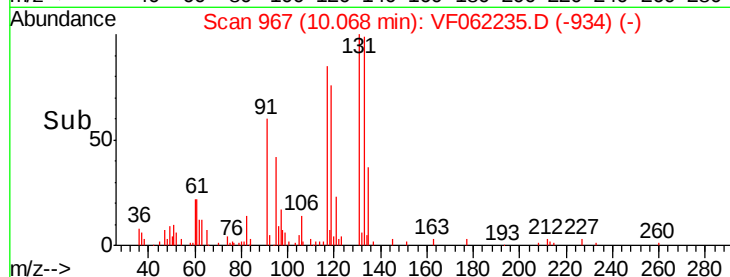
119 70.7 34.6 103.9



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: 2.631 ug/l

RT: 10.04 min Scan# 964

Delta R.T. 0.03 min

Lab File: VF062235.D

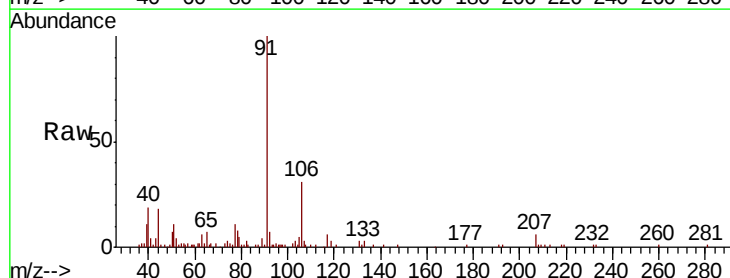
Acq: 19 Apr 2019 20:04

Tgt Ion: 91 Resp: 44322

Ion Ratio Lower Upper

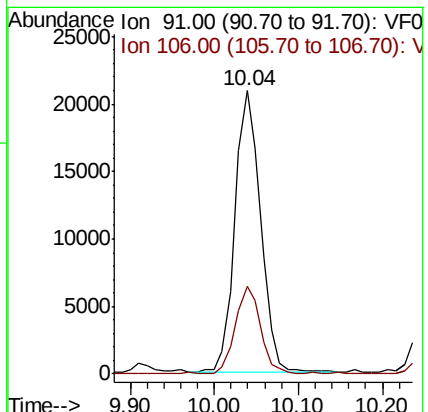
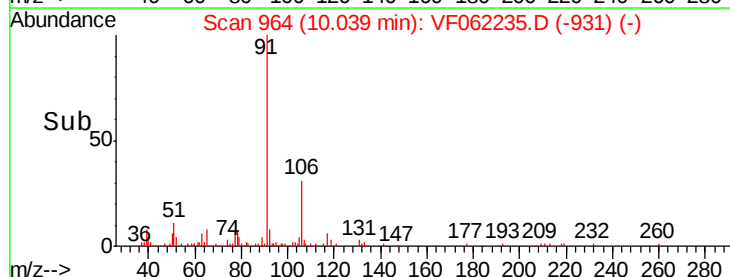
91 100

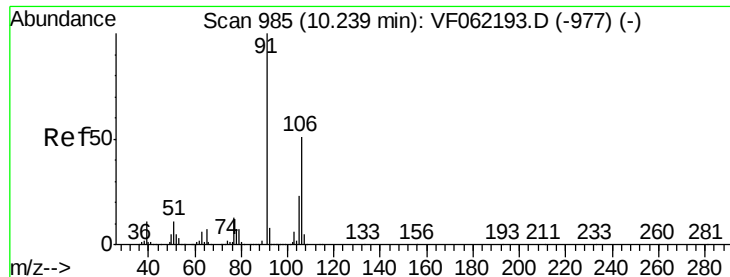
106 30.7 24.9 37.3



Abundance Ion 91.00 (90.70 to 91.70): VF0

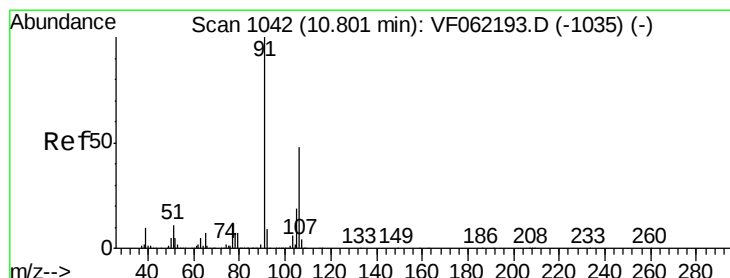
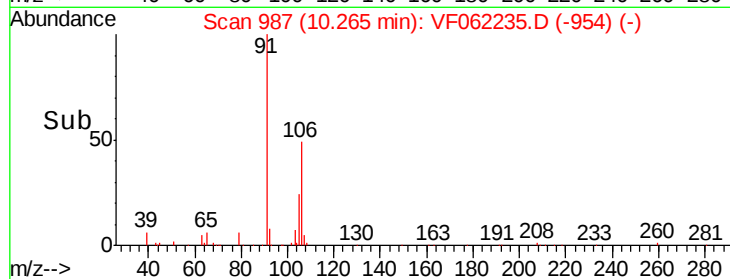
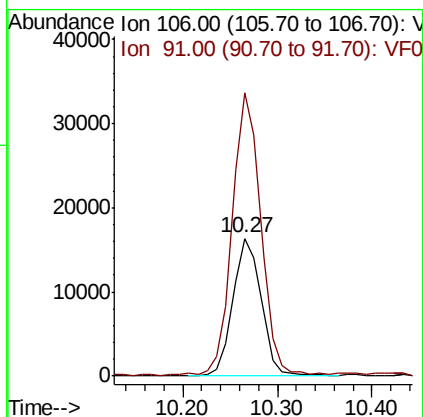
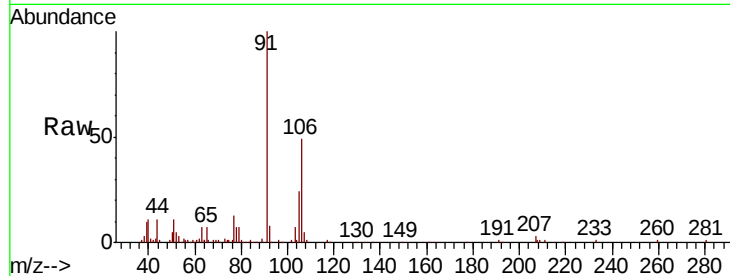
Ion 106.00 (105.70 to 106.70): V





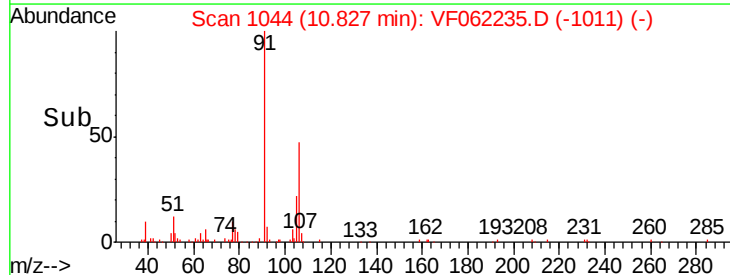
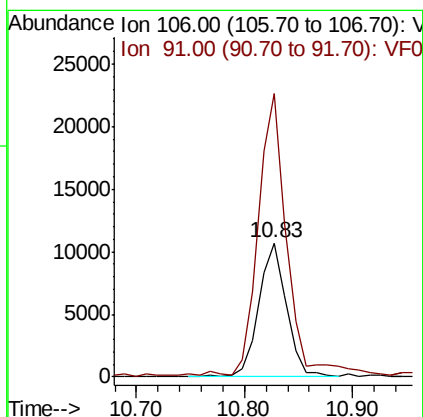
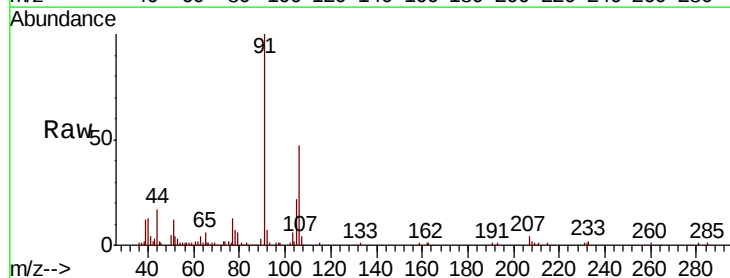
#68
m/p-Xylenes
Concen: 5.520 ug/l
RT: 10.27 min Scan# 987
Delta R.T. 0.03 min
Lab File: VF062235.D
Acq: 19 Apr 2019 20:04

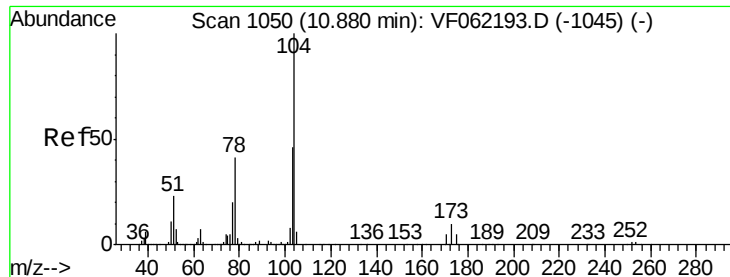
Tot Ion:106 Resp: 34237
Ion Ratio Lower Upper
106 100
91 206.8 159.1 238.7



#69
o-Xylene
Concen: 2.774 ug/l
RT: 10.83 min Scan# 1044
Delta R.T. 0.03 min
Lab File: VF062235.D
Acq: 19 Apr 2019 20:04

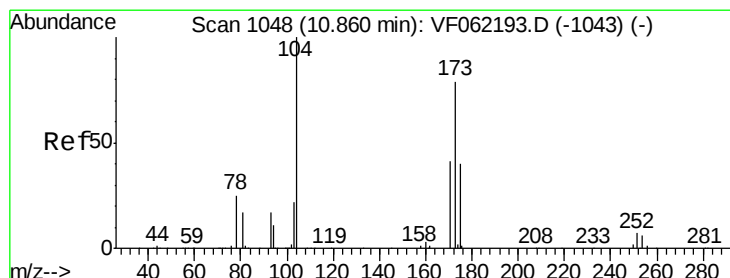
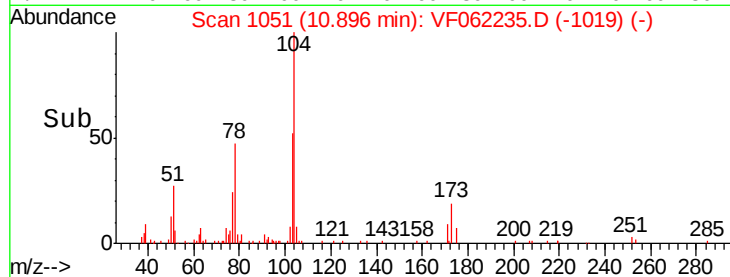
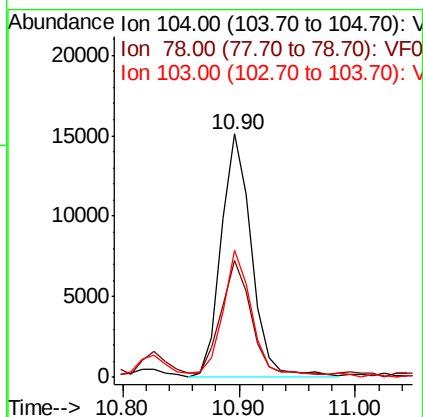
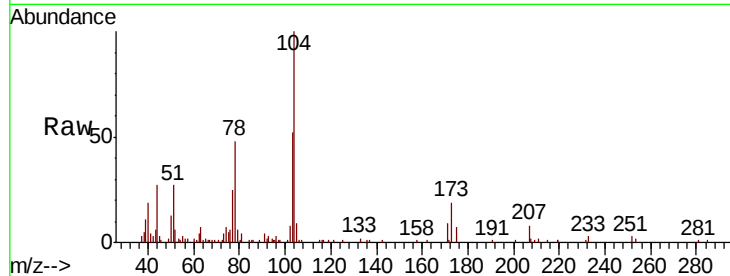
Tgt Ion:106 Resp: 19102
Ion Ratio Lower Upper
106 100
91 214.3 107.5 322.4





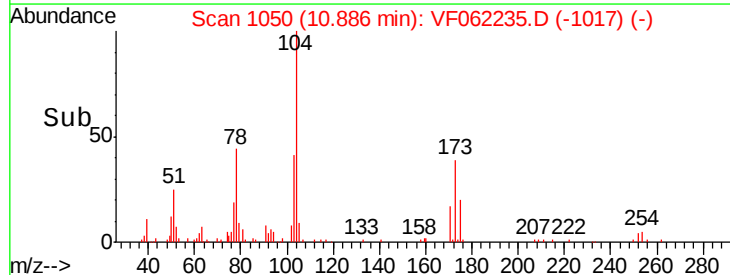
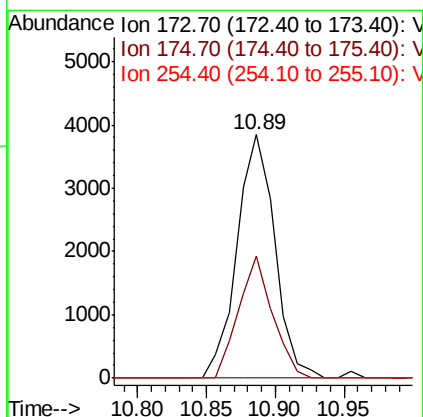
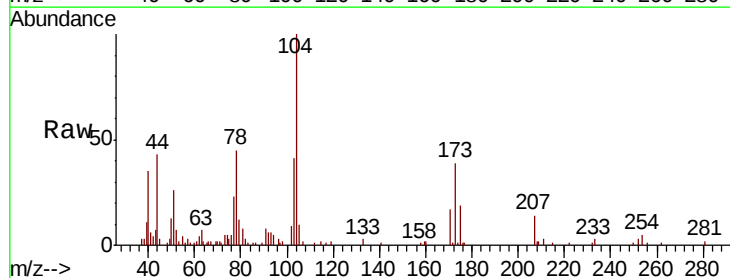
#70
Stvrene
Concen: 2.826 ug/l
RT: 10.90 min Scan# 1051
Delta R.T. 0.02 min
Lab File: VF062235.D
Acq: 19 Apr 2019 20:04

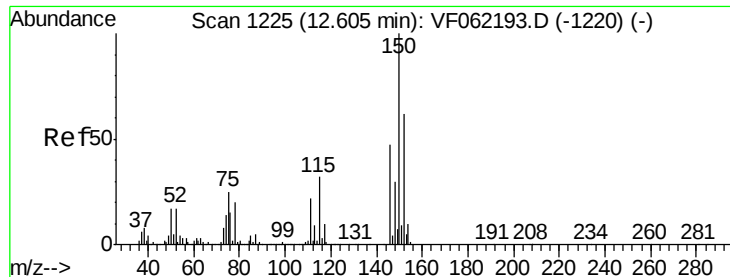
Tot Ion	Ratio	Lower	Upper
104	100		
78	46.6	34.5	51.7
103	47.4	37.2	55.8



#71
Bromoform
Concen: 3.208 ug/l
RT: 10.89 min Scan# 1050
Delta R.T. 0.03 min
Lab File: VF062235.D
Acq: 19 Apr 2019 20:04

Tgt Ion	Ratio	Lower	Upper
173	100		
175	45.4	24.5	73.5
254	0.0	0.1	0.1#

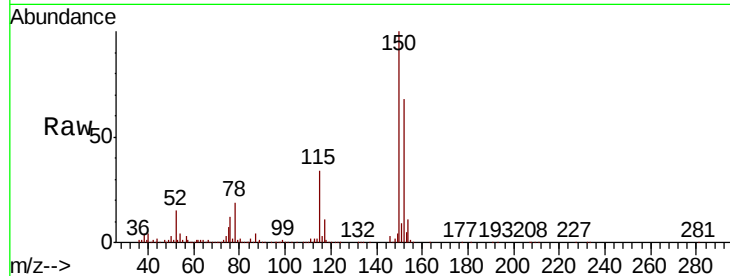




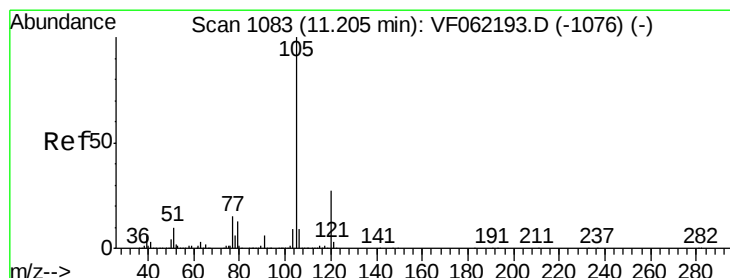
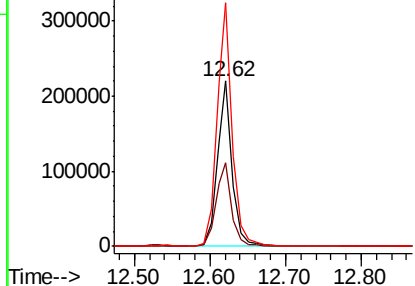
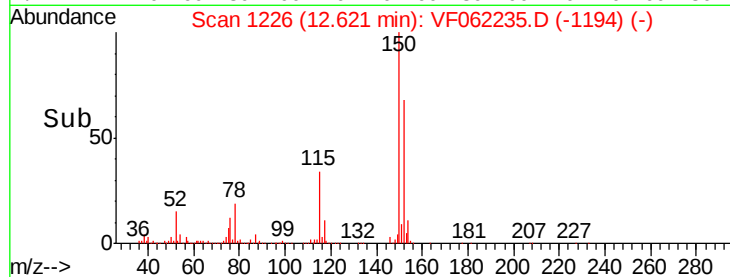
#72

1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.62 min Scan# 1226
Delta R.T. 0.02 min
Lab File: VF062235.D
Acq: 19 Apr 2019 20:04

Tot Ion	Ratio	Lower	Upper
152	100		
115	53.7	27.8	83.3
150	151.8	0.0	341.8



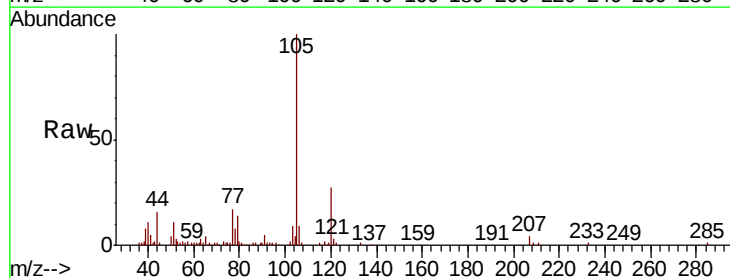
Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



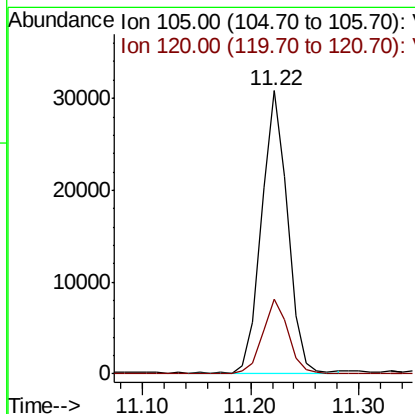
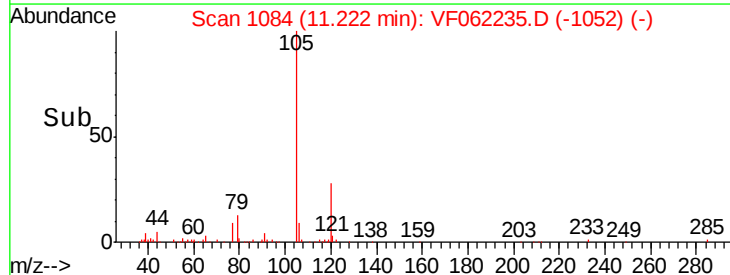
#73

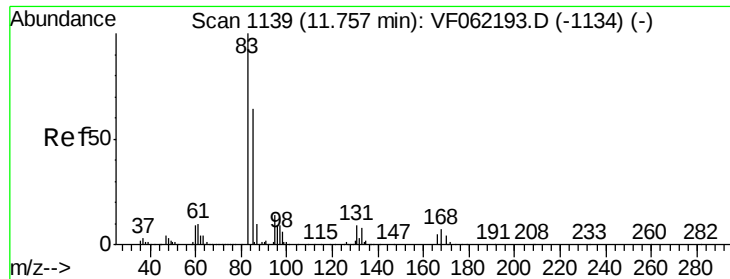
Isopropylbenzene
Concen: 2.030 ug/l
RT: 11.22 min Scan# 1084
Delta R.T. 0.02 min
Lab File: VF062235.D
Acq: 19 Apr 2019 20:04

Tgt Ion	Ratio	Lower	Upper
105	100		
120	25.9	13.0	38.9



Abundance Ion 105.00 (104.70 to 105.70): V
Ion 120.00 (119.70 to 120.70): V





#75

1,1,2,2-Tetrachloroethane

Concen: 2.172 ug/l

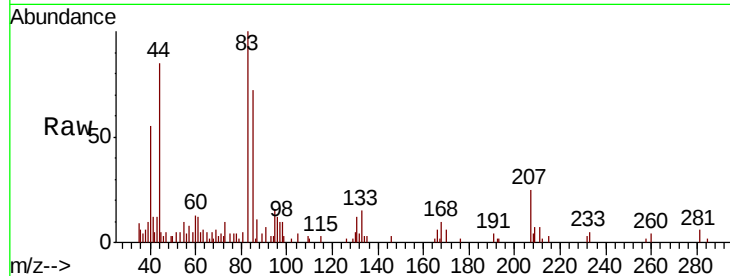
RT: 11.77 min Scan# 1140

Delta R.T. 0.02 min

Lab File: VF062235.D

Acq: 19 Apr 2019 20:04

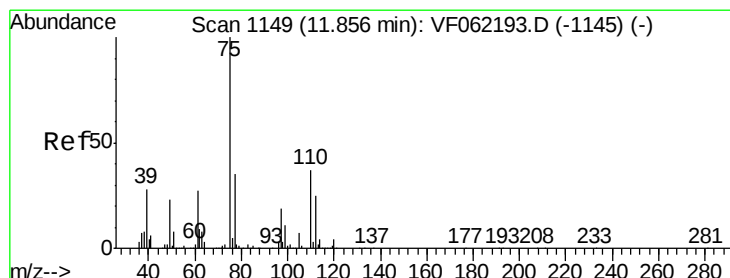
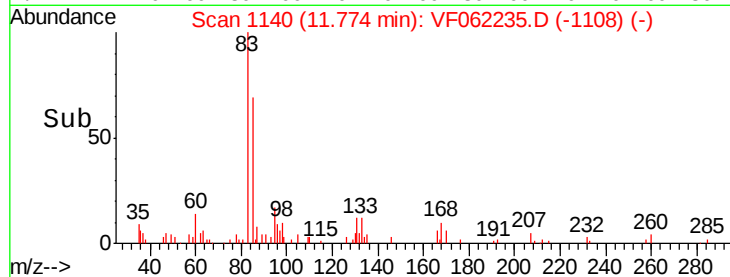
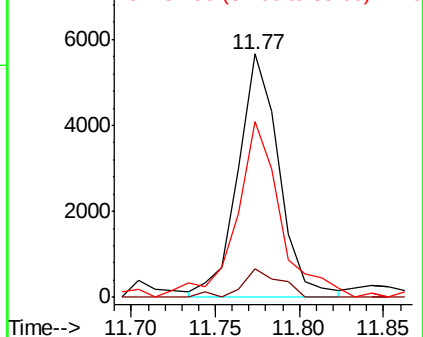
Tot Ion	83	Resp	9579
Ion Ratio	100		
Lower		4.5	
Upper		13.5	
85	78.1	34.7	104.1



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: 1.880 ug/l

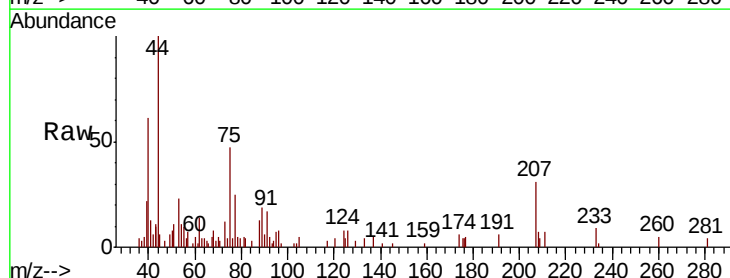
RT: 11.95 min Scan# 1158

Delta R.T. 0.10 min

Lab File: VF062235.D

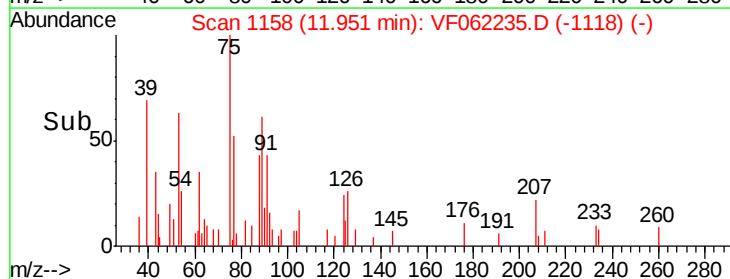
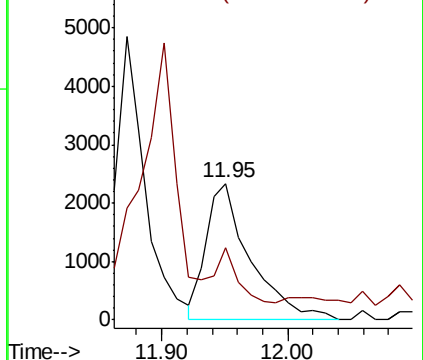
Acq: 19 Apr 2019 20:04

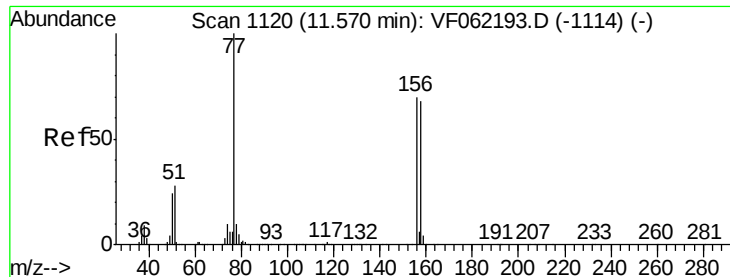
Tgt Ion	75	Resp	5704
Ion Ratio	100		
Lower		7.4	
Upper		22.2	
77	19.9		



Abundance Ion 74.90 (74.60 to 75.60): VF0

Ion 77.00 (76.70 to 77.70): VF0





#77

Bromobenzene

Concen: 2.469 ug/l

RT: 11.59 min Scan# 1121

Delta R.T. 0.02 min

Lab File: VF062235.D

Acq: 19 Apr 2019 20:04

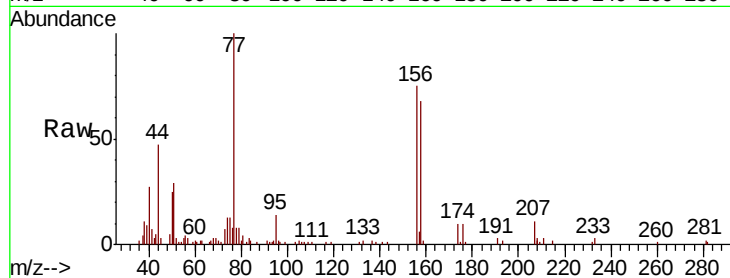
Tot Ion: 156 Resp: 13563

Ion Ratio Lower Upper

156 100

77 151.0 80.9 242.7

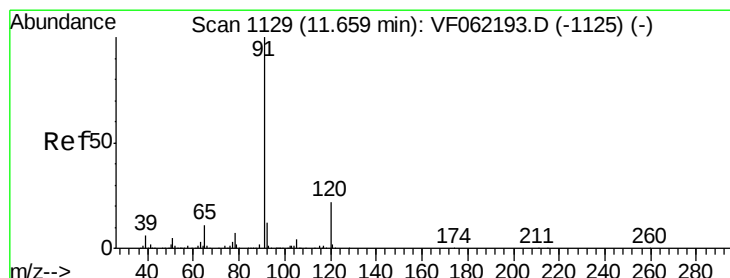
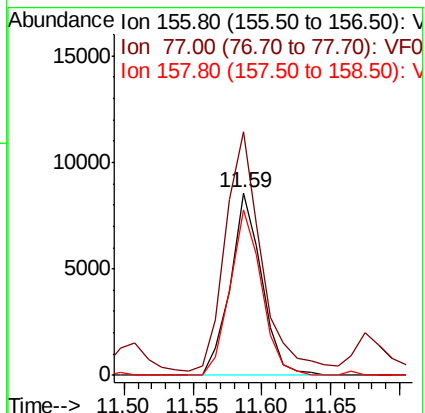
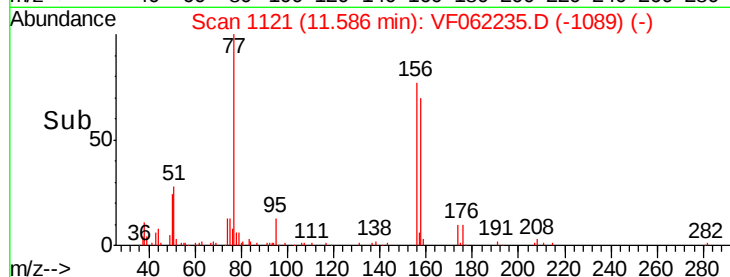
158 90.9 49.8 149.4



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: 2.210 ug/l

RT: 11.68 min Scan# 1130

Delta R.T. 0.02 min

Lab File: VF062235.D

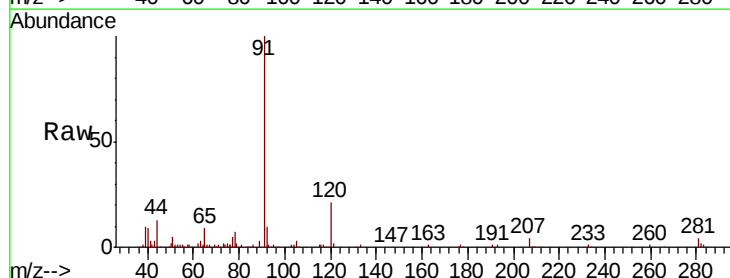
Acq: 19 Apr 2019 20:04

Tgt Ion: 91 Resp: 59781

Ion Ratio Lower Upper

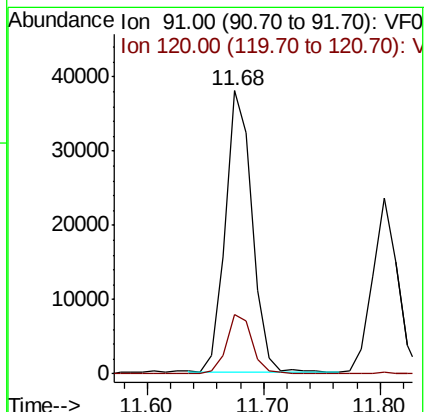
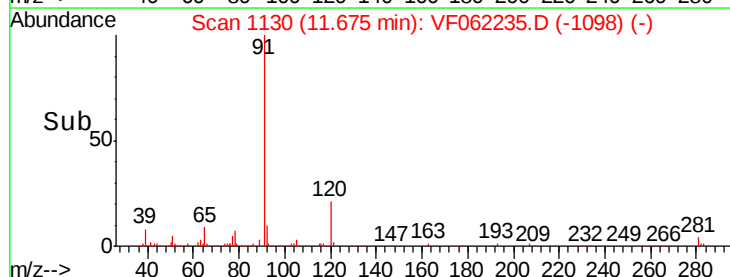
91 100

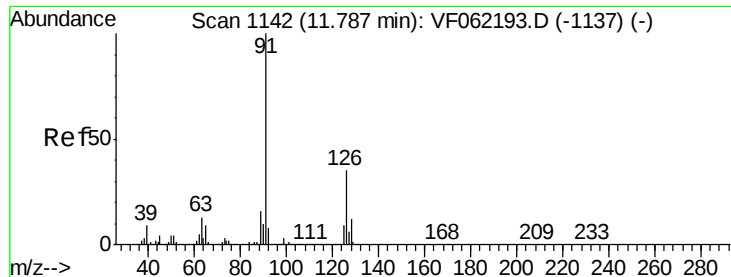
120 20.7 11.2 33.6



Abundance Ion 91.00 (90.70 to 91.70): VF0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 2.147 ug/l

RT: 11.80 min Scan# 1143

Delta R.T. 0.02 min

Lab File: VF062235.D

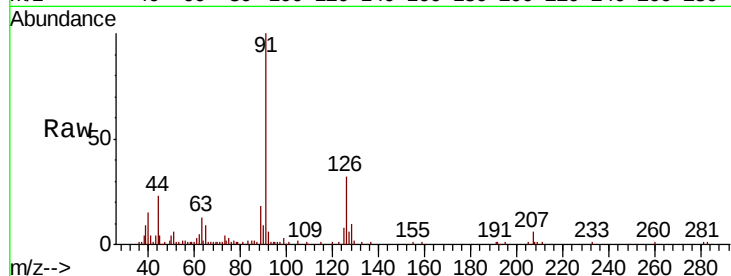
Acq: 19 Apr 2019 20:04

Tot Ion: 91 Resp: 35241

Ion Ratio Lower Upper

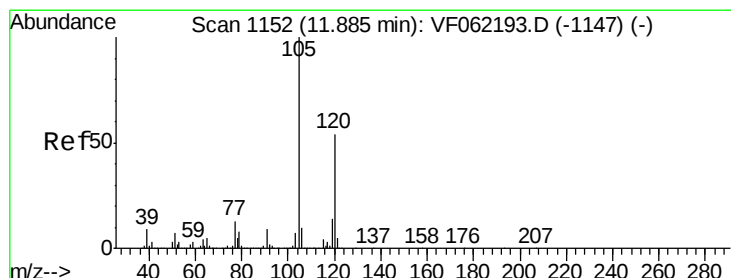
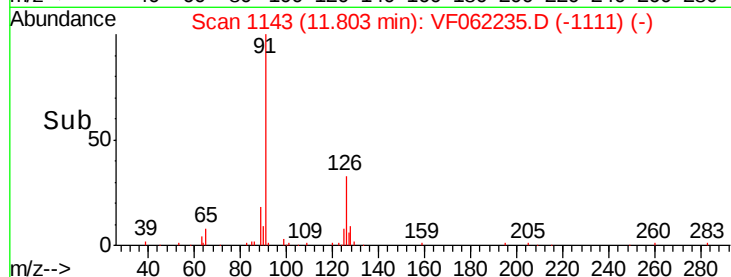
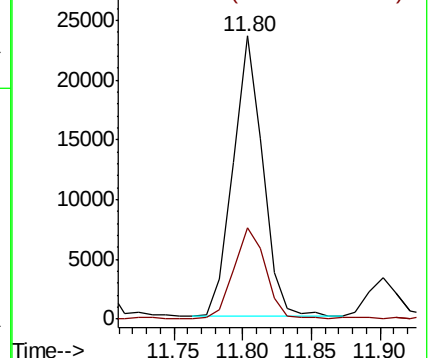
91 100

126 35.1 16.9 50.6



Abundance Ion 91.00 (90.70 to 91.70): VF0

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 2.376 ug/l

RT: 11.90 min Scan# 1153

Delta R.T. 0.02 min

Lab File: VF062235.D

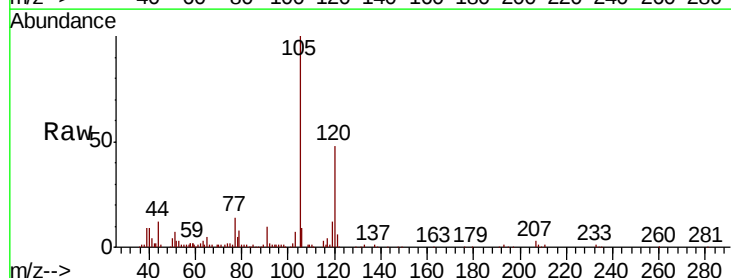
Acq: 19 Apr 2019 20:04

Tgt Ion:105 Resp: 50753

Ion Ratio Lower Upper

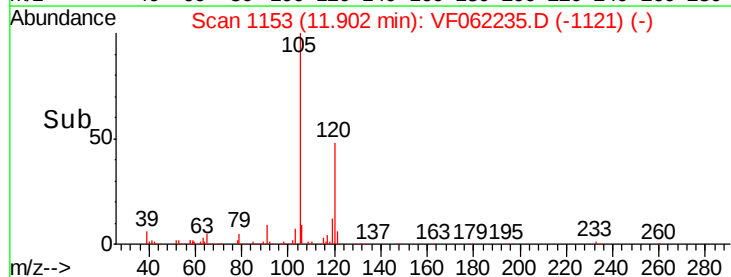
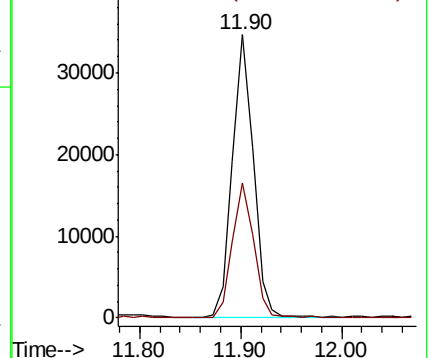
105 100

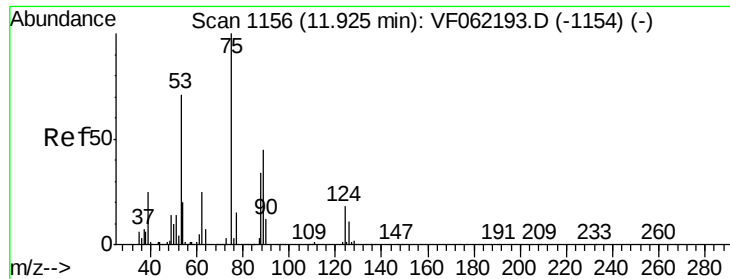
120 48.3 26.2 78.5



Abundance Ion 105.00 (104.70 to 105.70): V

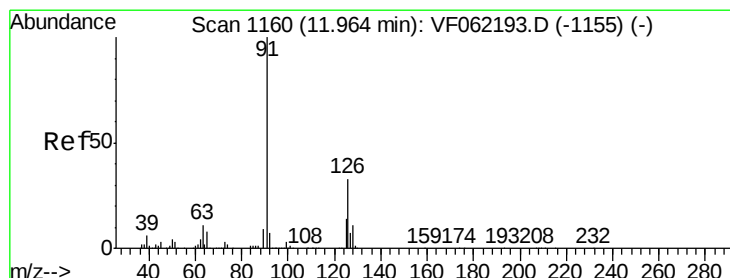
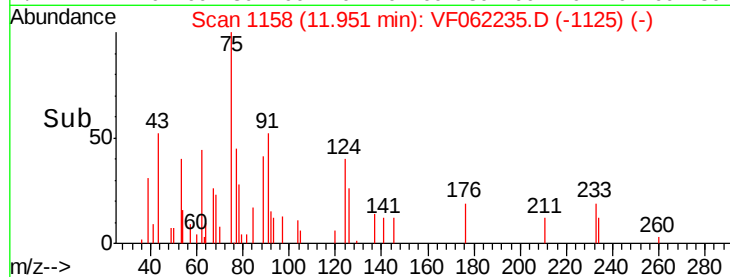
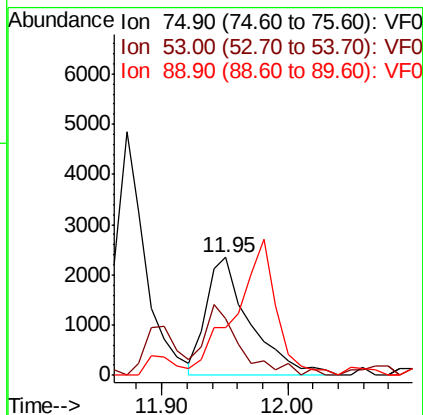
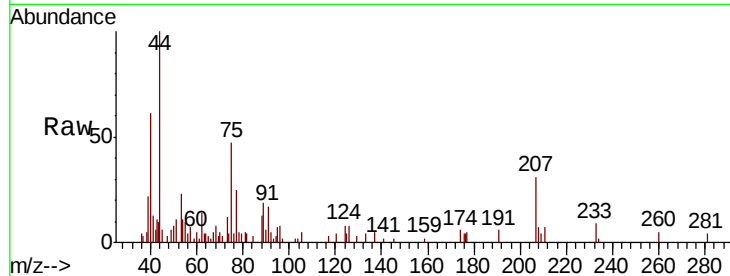
Ion 120.00 (119.70 to 120.70): V





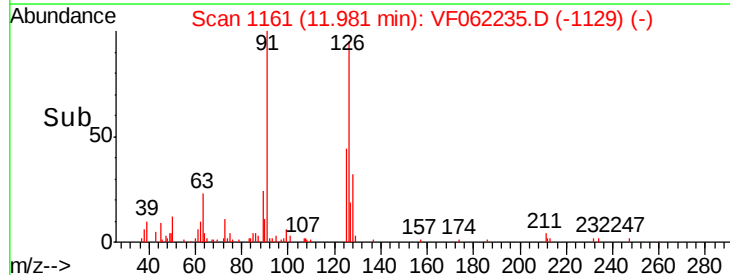
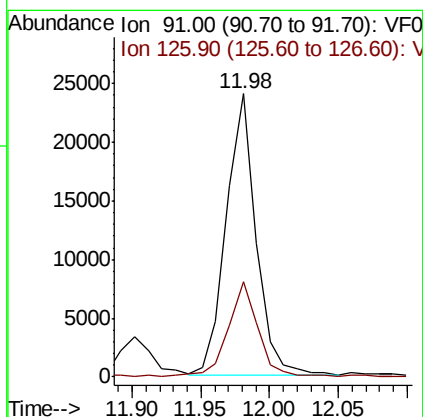
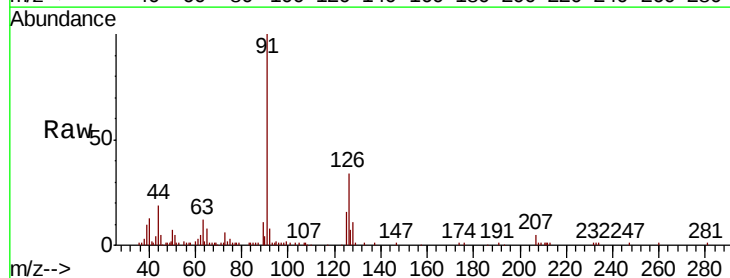
#81
trans-1,4-Dichloro-2-butene
Concen: 3.686 ug/l
RT: 11.95 min Scan# 1158
Delta R.T. 0.03 min
Lab File: VF062235.D
Acq: 19 Apr 2019 20:04

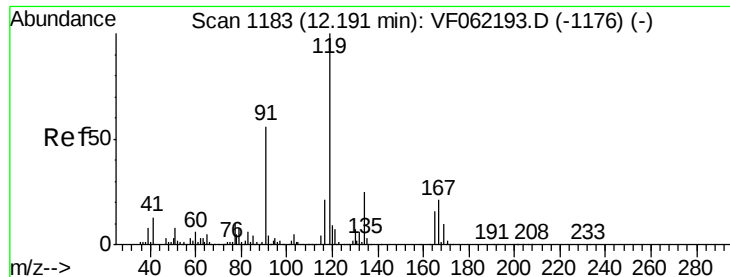
Tot Ion: 75 Resp: 5704
Ion Ratio Lower Upper
75 100
53 49.2 50.2 75.4#
89 0.0 0.0 0.0



#82
4-Chlorotoluene
Concen: 2.286 ug/l
RT: 11.98 min Scan# 1161
Delta R.T. 0.02 min
Lab File: VF062235.D
Acq: 19 Apr 2019 20:04

Tgt Ion: 91 Resp: 36261
Ion Ratio Lower Upper
91 100
126 34.7 16.9 50.6





#83

tert-Butylbenzene

Concen: 2.261 ug/l

RT: 12.21 min Scan# 1184

Delta R.T. 0.02 min

Lab File: VF062235.D

Acq: 19 Apr 2019 20:04

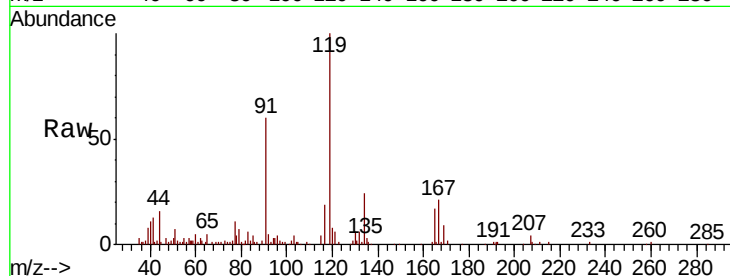
Tot Ion:119 Resp: 49954

Ion Ratio Lower Upper

119 100

91 57.1 29.4 88.2

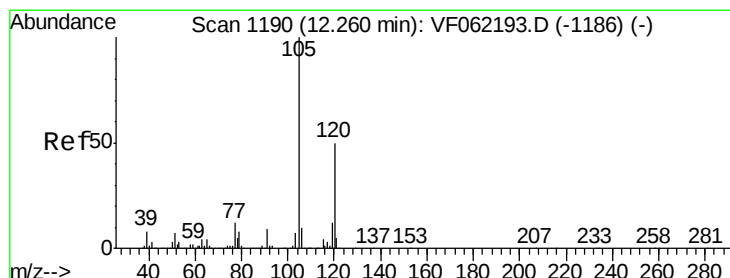
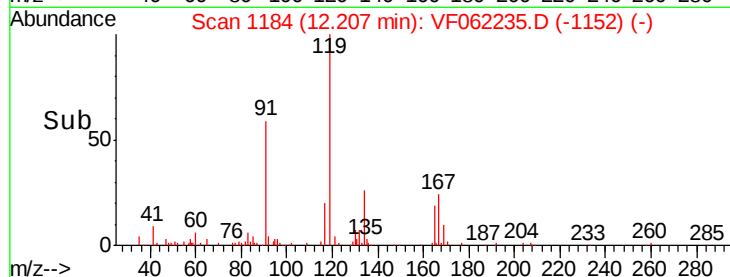
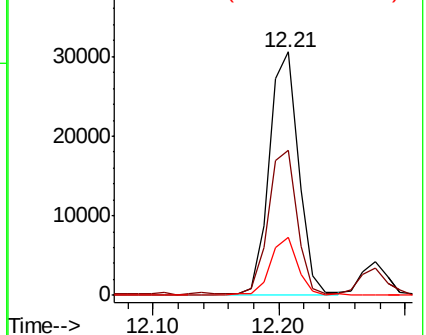
134 22.3 11.8 35.3



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: 2.348 ug/l

RT: 12.28 min Scan# 1191

Delta R.T. 0.02 min

Lab File: VF062235.D

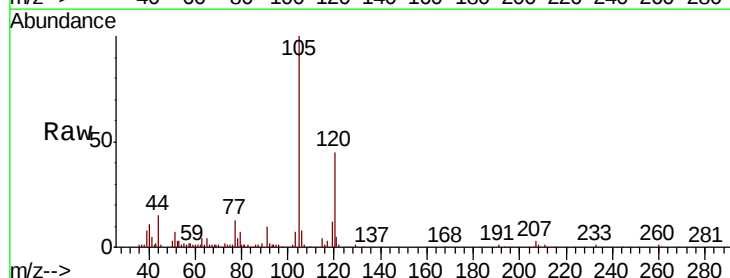
Acq: 19 Apr 2019 20:04

Tgt Ion:105 Resp: 48537

Ion Ratio Lower Upper

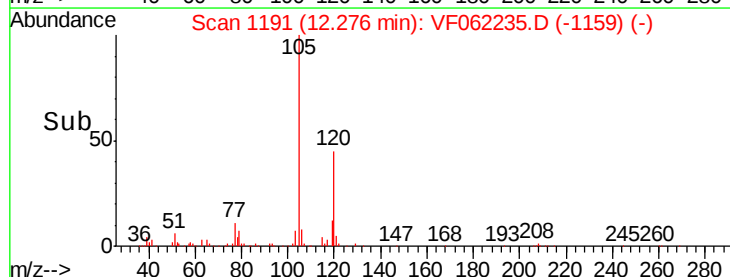
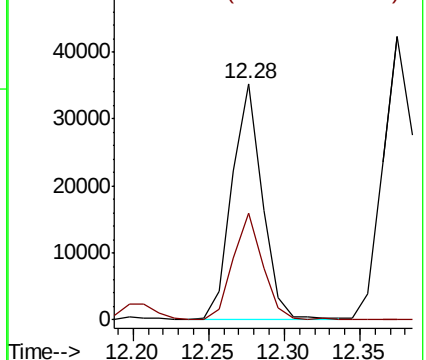
105 100

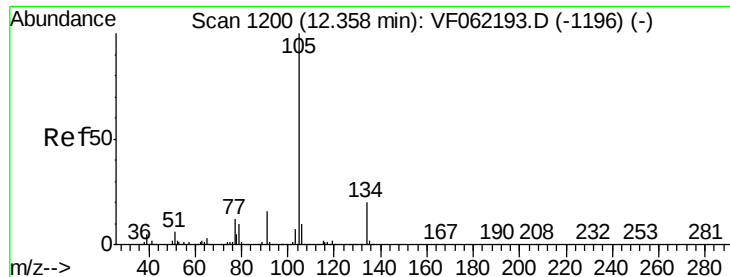
120 45.2 24.0 72.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 2.162 ug/l

RT: 12.37 min Scan# 1201

Delta R.T. 0.02 min

Lab File: VF062235.D

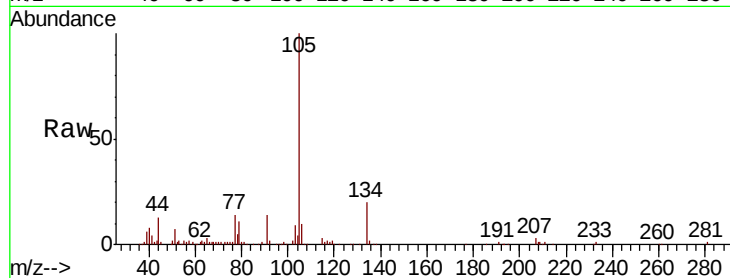
Acq: 19 Apr 2019 20:04

Tot Ion:105 Resp: 62011

Ion Ratio Lower Upper

105 100

134 19.6 9.7 29.1

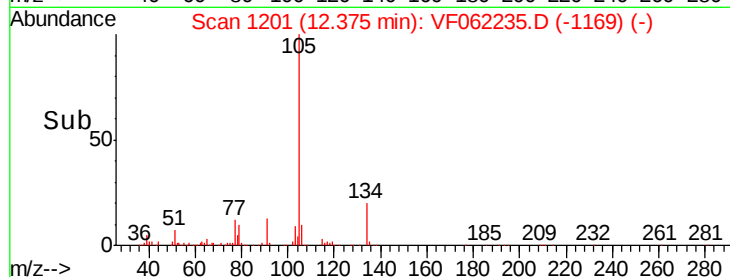


Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

12.37

Time-->



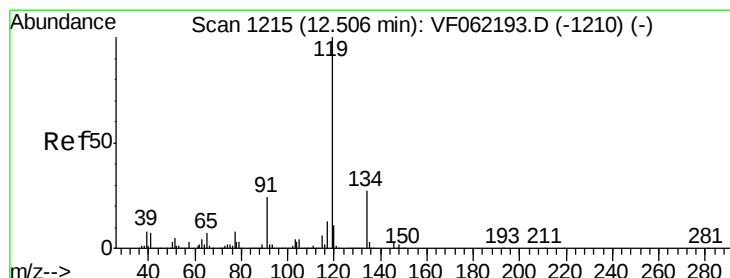
Abundance

Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

12.37

Time-->



#86

p-Isopropyltoluene

Concen: 2.393 ug/l

RT: 12.52 min Scan# 1216

Delta R.T. 0.02 min

Lab File: VF062235.D

Acq: 19 Apr 2019 20:04

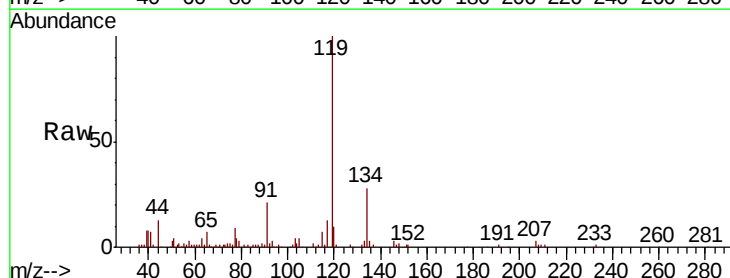
Tgt Ion:119 Resp: 58224

Ion Ratio Lower Upper

119 100

134 25.6 13.2 39.5

91 20.7 11.7 35.1



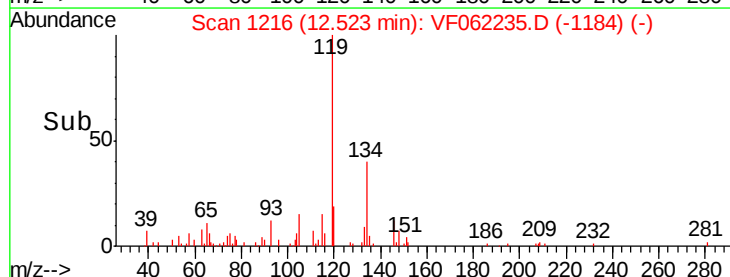
Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VF0

12.52

Time-->



Abundance

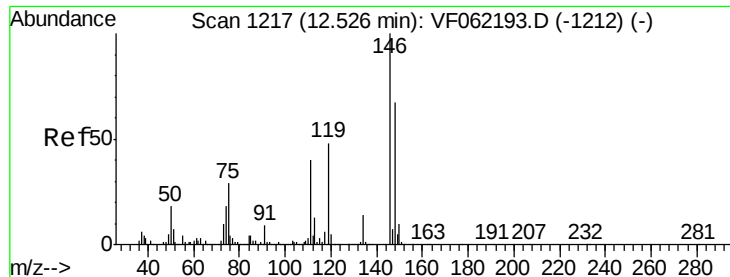
Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VF0

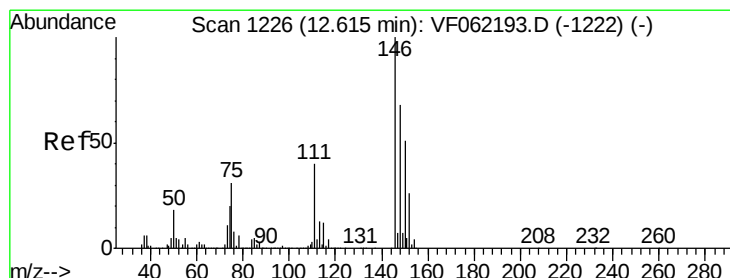
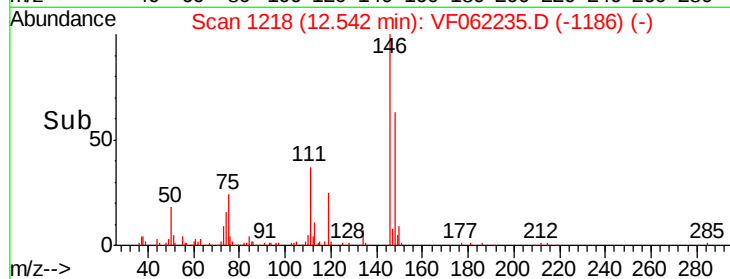
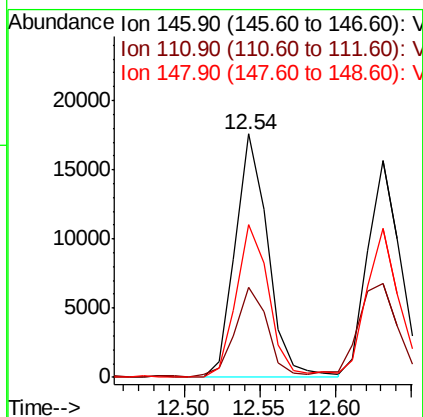
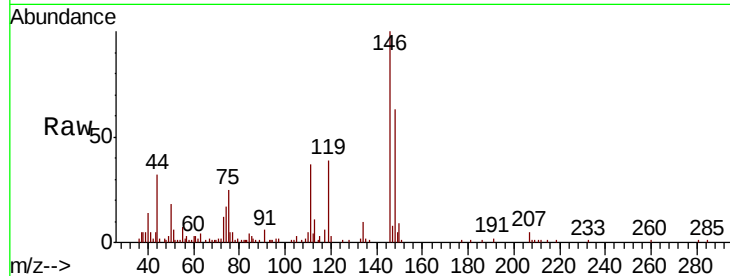
12.52

Time-->



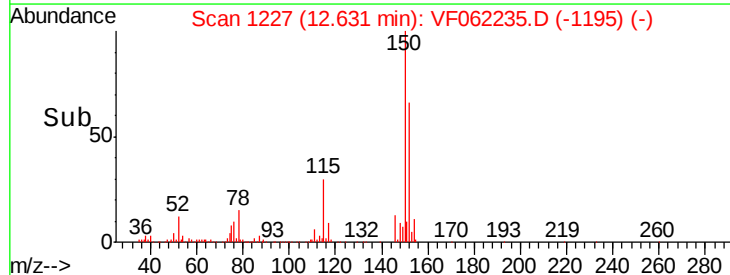
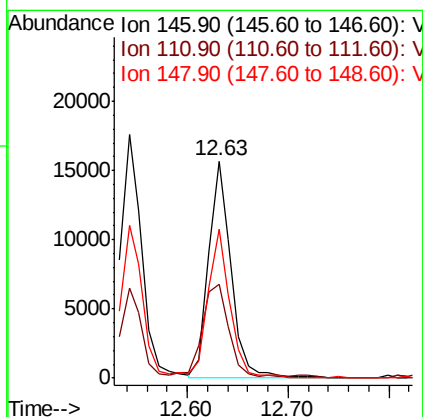
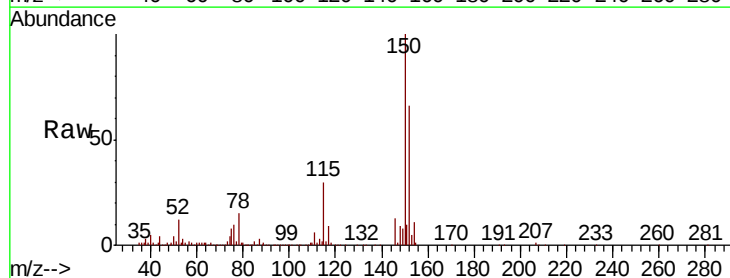
#87
 1,3-Dichlorobenzene
 Concen: 2.591 ug/l
 RT: 12.54 min Scan# 1218
 Delta R.T. 0.02 min
 Lab File: VF062235.D
 Acq: 19 Apr 2019 20:04

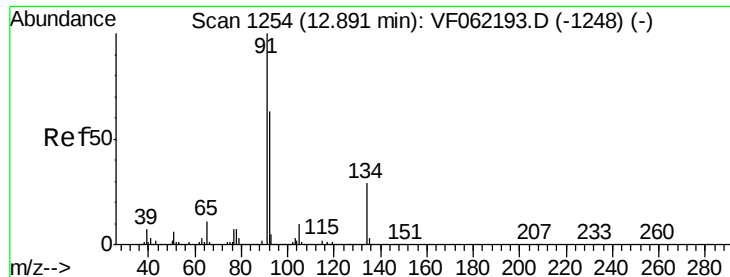
Tot Ion:146 Resp: 26411
 Ion Ratio Lower Upper
 146 100
 111 38.0 19.7 59.0
 148 62.7 32.9 98.6



#88
 1,4-Dichlorobenzene
 Concen: 2.501 ug/l
 RT: 12.63 min Scan# 1227
 Delta R.T. 0.02 min
 Lab File: VF062235.D
 Acq: 19 Apr 2019 20:04

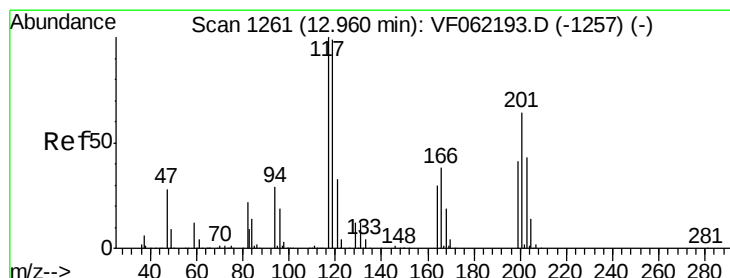
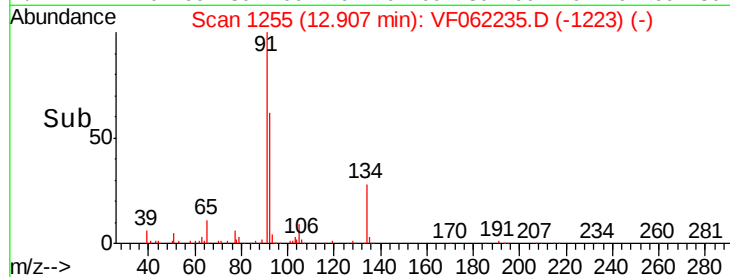
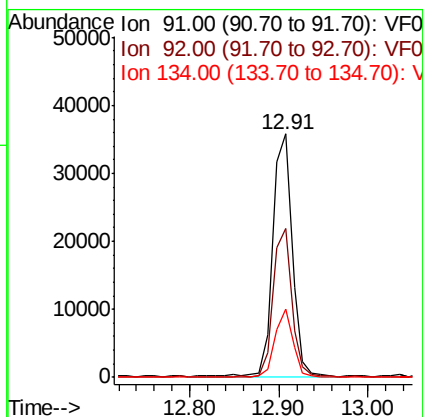
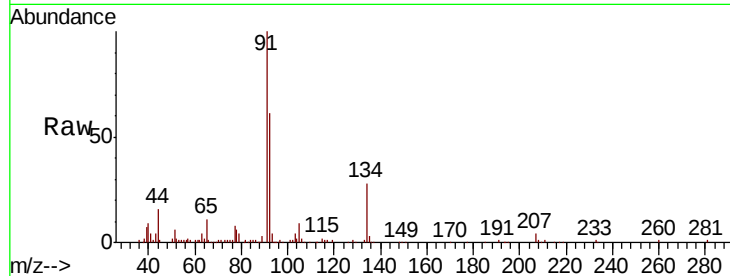
Tgt Ion:146 Resp: 24595
 Ion Ratio Lower Upper
 146 100
 111 49.2 20.0 60.0
 148 68.3 33.6 100.8





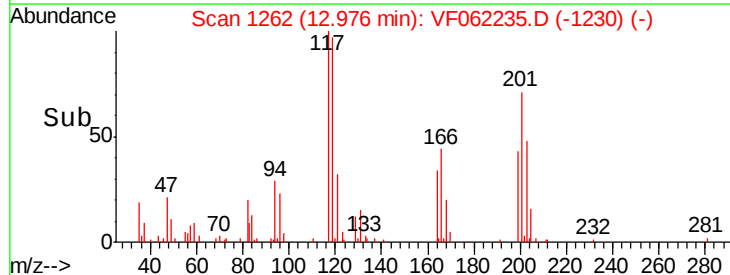
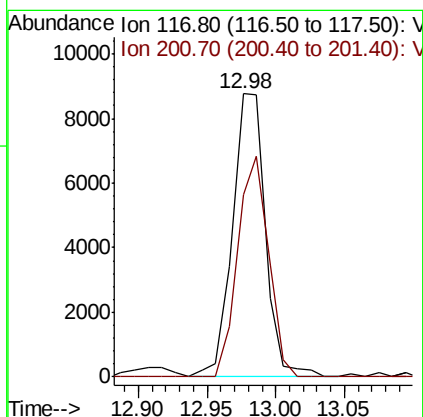
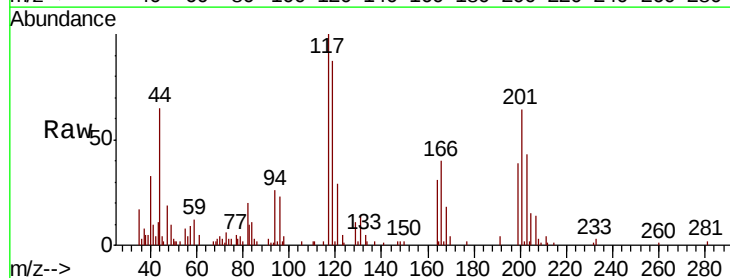
#89
n-Butylbenzene
Concen: Below Cal
RT: 12.91 min Scan# 1255
Delta R.T. 0.02 min
Lab File: VF062235.D
Acq: 19 Apr 2019 20:04

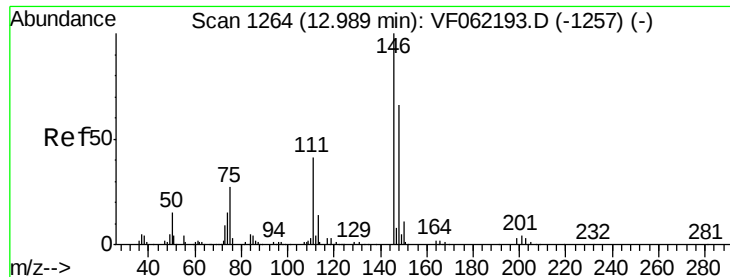
Tot Ion	Ratio	Lower	Upper
91	100		
92	59.2	31.2	93.6
134	25.8	13.1	39.1



#90
Hexachloroethane
Concen: 2.341 ug/l
RT: 12.98 min Scan# 1262
Delta R.T. 0.02 min
Lab File: VF062235.D
Acq: 19 Apr 2019 20:04

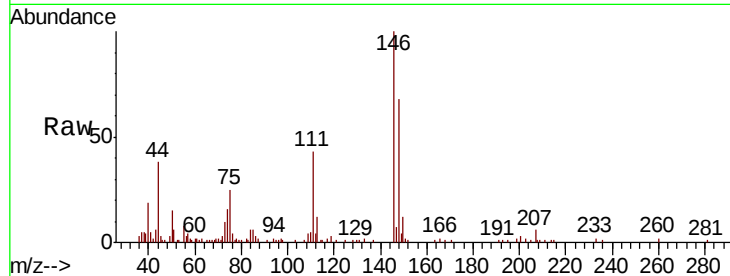
Tgt Ion	Ratio	Lower	Upper
117	100		
201	73.1	37.7	113.1



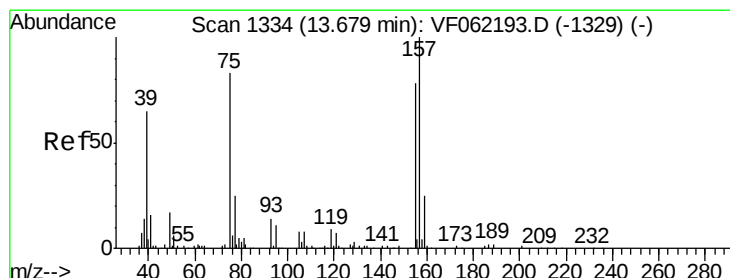
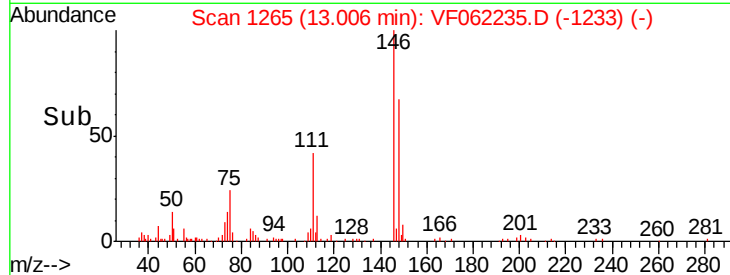
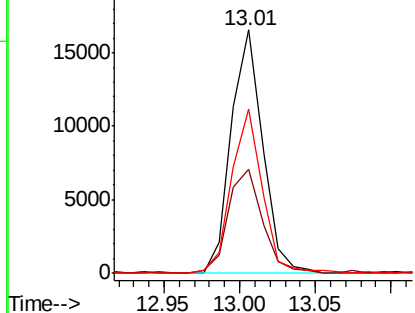


#91
 1,2-Dichlorobenzene
 Concen: 2.433 ug/l
 RT: 13.01 min Scan# 1265
 Delta R.T. 0.02 min
 Lab File: VF062235.D
 Acq: 19 Apr 2019 20:04

Tot Ion	Ratio	Lower	Upper
146	100		
111	46.7	20.8	62.5
148	66.8	33.0	99.0

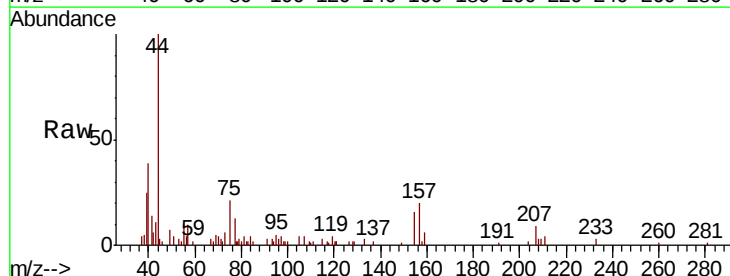


Abundance Ion 145.90 (145.60 to 146.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V

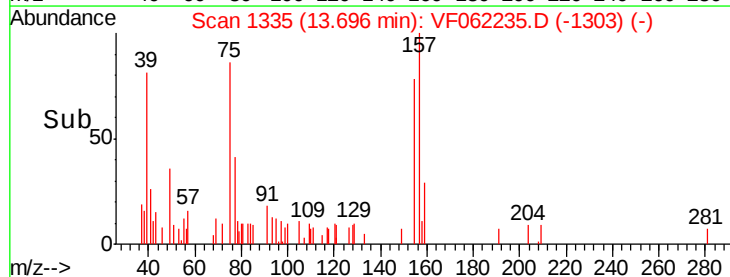
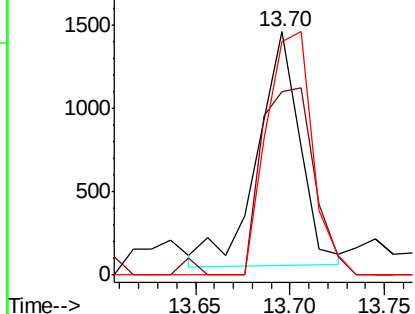


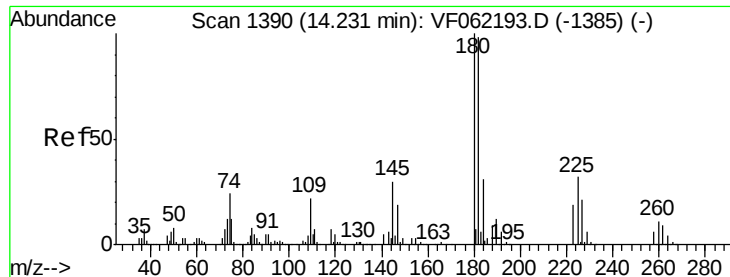
#92
 1,2-Dibromo-3-Chloropropane
 Concen: 2.538 ug/l
 RT: 13.70 min Scan# 1335
 Delta R.T. 0.02 min
 Lab File: VF062235.D
 Acq: 19 Apr 2019 20:04

Tgt Ion	Ratio	Lower	Upper
75	100		
155	100.0	47.6	142.8
157	112.3	61.3	183.9



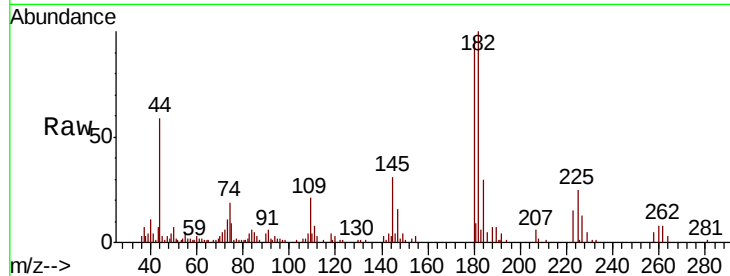
Abundance Ion 74.90 (74.60 to 75.60): VF0
 Ion 154.80 (154.50 to 155.50): V
 Ion 156.80 (156.50 to 157.50): V





#93
 1,2,4-Trichlorobenzene
 Concen: 2.524 ug/l
 RT: 14.25 min Scan# 1391
 Delta R.T. 0.02 min
 Lab File: VF062235.D
 Acq: 19 Apr 2019 20:04

Tot Ion	Ratio	Lower	Upper
180	100		
182	95.0	49.3	147.9
145	32.4	18.1	54.4

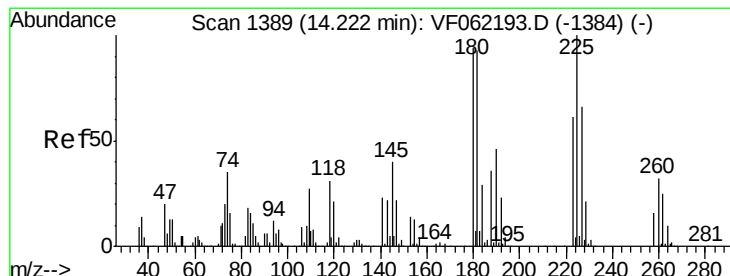
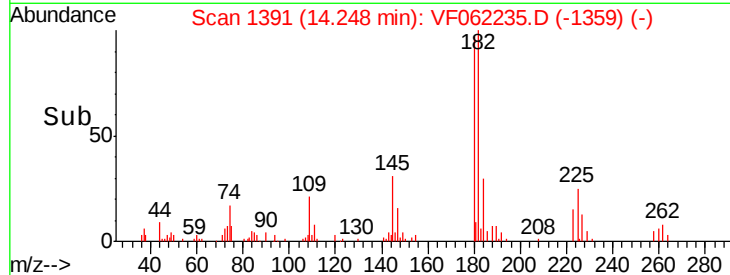
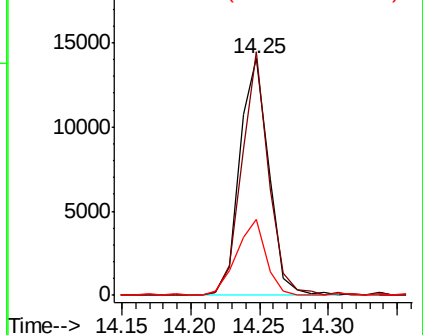


Abundance

Ion 179.80 (179.50 to 180.50): V

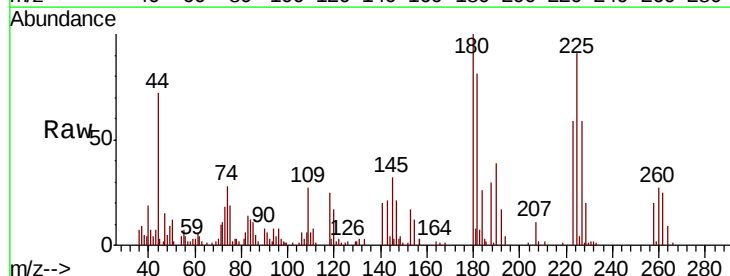
Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V



#94
 Hexachlorobutadiene
 Concen: 2.423 ug/l
 RT: 14.24 min Scan# 1390
 Delta R.T. 0.02 min
 Lab File: VF062235.D
 Acq: 19 Apr 2019 20:04

Tgt Ion	Ratio	Lower	Upper
225	100		
223	61.8	31.0	93.0
227	61.5	32.4	97.0

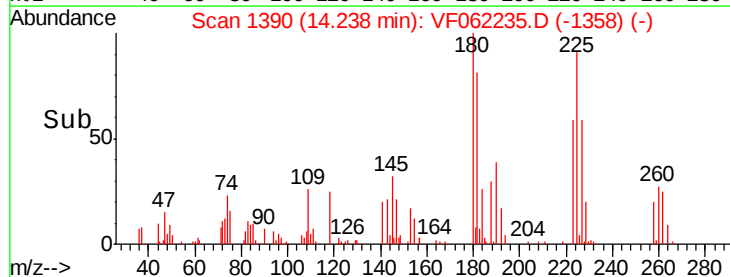
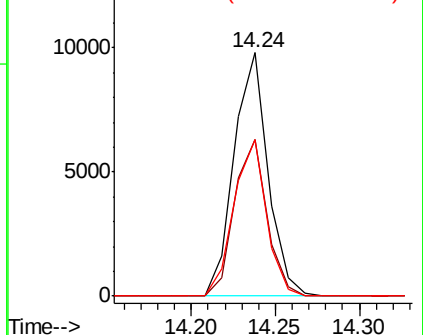


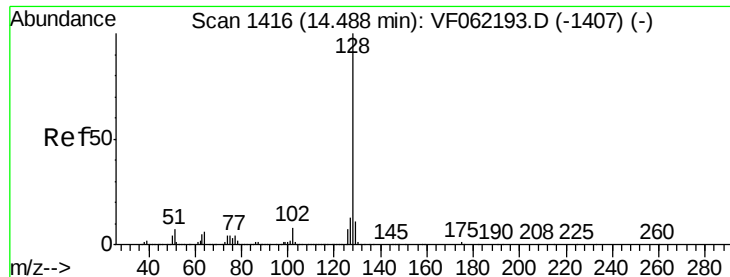
Abundance

Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

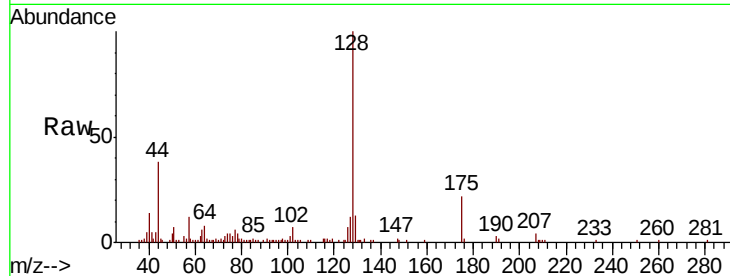
Ion 226.70 (226.40 to 227.40): V





#95
Naphthalene
Concen: 2.200 ug/l
RT: 14.50 min Scan# 1417
Delta R.T. 0.02 min
Lab File: VF062235.D
Acq: 19 Apr 2019 20:04

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.5	10.4	15.6
129	10.8	9.2	13.8

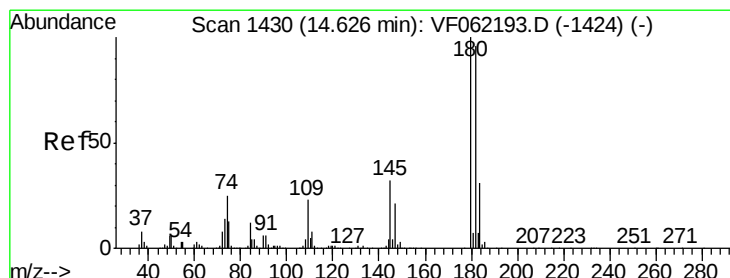
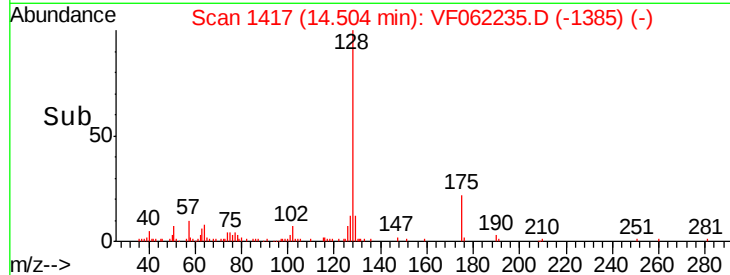
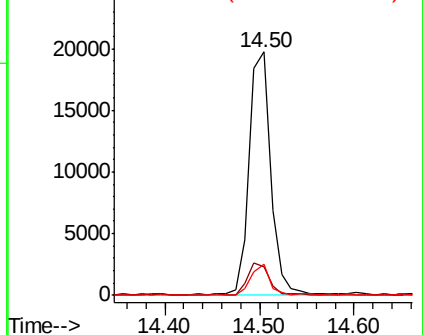


Abundance

Ion 128.00 (127.70 to 128.70): V

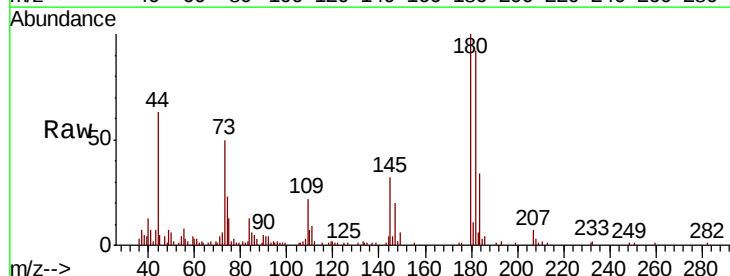
Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96
1,2,3-Trichlorobenzene
Concen: 2.420 ug/l
RT: 14.64 min Scan# 1431
Delta R.T. 0.02 min
Lab File: VF062235.D
Acq: 19 Apr 2019 20:04

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.1	48.4	145.3
145	30.2	15.6	46.8



Abundance

Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

