

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF011019\
 Data File : VF061338.D
 Acq On : 10 Jan 2019 12:10
 Operator : VA/AP
 Sample : VSTDCCC050
 Misc : 5.00g/5mL/MSVOA-F/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jan 11 00:38:45 2019
 Quant Method : Z:\HPCHEM1\MSVOA_F\METHODS\82F010819S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jan 09 07:13:51 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.88	168	188726	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.61	114	319689	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.78	117	292286	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.56	152	143618	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	4.85	65	103836	49.43	ug/l	0.00
Spiked Amount			Recovery	=	98.86%	
35) Dibromofluoromethane	4.12	113	117396	47.99	ug/l	0.00
Spiked Amount			Recovery	=	95.98%	
50) Toluene-d8	7.56	98	374330	51.71	ug/l	0.00
Spiked Amount			Recovery	=	103.42%	
62) 4-Bromofluorobenzene	11.42	95	160025	50.63	ug/l	0.00
Spiked Amount			Recovery	=	101.26%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	0.96	85	163233	46.889	ug/l	99
3) Chloromethane	1.08	50	135860	43.795	ug/l	95
4) Vinyl Chloride	1.13	62	122475	44.204	ug/l	99
5) Bromomethane	1.30	94	91555	42.310	ug/l	94
6) Chloroethane	1.38	64	63261	46.756	ug/l	94
7) Trichlorofluoromethane	1.47	101	222824	47.440	ug/l	98
8) Diethyl Ether	1.63	74	34808	50.467	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	1.82	101	115652	46.632	ug/l	97
10) Methyl Iodide	1.85	142	177691m	45.731	ug/l	
11) Tert butyl alcohol	2.57	59	18112	215.349	ug/l	97
12) 1,1-Dichloroethene	1.75	96	94273	47.535	ug/l	98
13) Acrolein	2.00	56	20556	222.418	ug/l	90
14) Allyl chloride	2.10	41	162935	44.948	ug/l	97
15) Acrylonitrile	2.95	53	64177	215.249	ug/l	95
16) Acetone	2.24	43	129009	264.006	ug/l	96
17) Carbon Disulfide	1.77	76	289488	44.193	ug/l	97
18) Methyl Acetate	2.34	43	40758	42.394	ug/l	97
19) Methyl tert-butyl Ether	2.43	73	170103	45.010	ug/l	96
20) Methylene Chloride	2.19	84	91074	44.054	ug/l	96
21) trans-1,2-Dichloroethene	2.31	96	94962	45.187	ug/l	96
22) Diisopropyl ether	2.80	45	296501	42.278	ug/l	98
23) Vinyl Acetate	3.19	43	525403	256.173	ug/l	99
24) 1,1-Dichloroethane	2.88	63	184714	45.532	ug/l	100
25) 2-Butanone	4.34	43	186858	237.584	ug/l	95
26) 2,2-Dichloropropane	3.61	77	122504	45.189	ug/l	94
27) cis-1,2-Dichloroethene	3.48	96	145321	49.528	ug/l	92
28) Bromochloromethane	3.73	49	84083	47.009	ug/l #	98
29) Tetrahydrofuran	4.08	42	71435	217.234	ug/l	95
30) Chloroform	3.86	83	236970	46.015	ug/l	99
31) Cyclohexane	3.71	56	190297	44.713	ug/l	99
32) 1,1,1-Trichloroethane	4.10	97	194272	46.703	ug/l	98
36) 1,1-Dichloropropene	4.29	75	179064	47.966	ug/l	95
37) Ethyl Acetate	4.12	43	66373	48.822	ug/l	82
38) Carbon Tetrachloride	4.00	117	163311	46.189	ug/l	97

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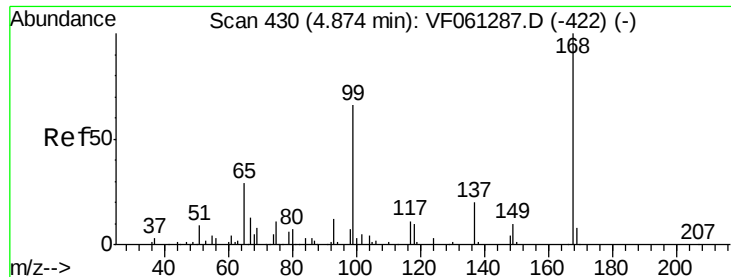
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	5.46	83	203327	43.528	ug/l	98
40) Benzene	4.64	78	397330	45.588	ug/l	98
41) Methacrylonitrile	4.75	41	37268	49.089	ug/l	90
42) 1,2-Dichloroethane	4.95	62	141437	52.123	ug/l	98
43) Isopropyl Acetate	6.97	43	95516	53.217	ug/l	99
44) Trichloroethene	5.51	130	129002	50.575	ug/l	90
45) 1,2-Dichloropropane	6.24	63	112471	50.745	ug/l	96
46) Dibromomethane	6.09	93	69861	51.337	ug/l	94
47) Bromodichloromethane	6.40	83	177424	52.423	ug/l	97
48) Methyl methacrylate	6.72	41	64192	55.099	ug/l	92
49) 1,4-Dioxane	6.71	88	8330	1133.158	ug/l	91
51) 4-Methyl-2-Pentanone	8.26	43	333105	245.880	ug/l	98
52) Toluene	7.63	92	288186	51.443	ug/l	100
53) t-1,3-Dichloropropene	8.29	75	132258	49.761	ug/l	99
54) cis-1,3-Dichloropropene	7.31	75	190003	53.915	ug/l	94
55) 1,1,2-Trichloroethane	8.50	97	77501	49.438	ug/l	97
56) Ethyl methacrylate	8.63	69	89667	51.179	ug/l	96
57) 1,3-Dichloropropane	8.86	76	145338	52.387	ug/l	97
58) 2-Chloroethyl Vinyl ether	7.31	63	15308	205.028	ug/l #	88
59) 2-Hexanone	9.50	43	248144	258.545	ug/l	97
60) Dibromochloromethane	8.73	129	110382	52.880	ug/l	100
61) 1,2-Dibromoethane	8.99	107	80089	50.119	ug/l	98
64) Tetrachloroethene	8.16	164	110260	51.812	ug/l	95
65) Chlorobenzene	9.81	112	310836	52.664	ug/l	100
66) 1,1,1,2-Tetrachloroethane	9.94	131	127359	52.882	ug/l	97
67) Ethyl Benzene	9.91	91	591430	51.970	ug/l	96
68) m/p-Xylenes	10.14	106	409980	103.279	ug/l	99
69) o-Xylene	10.72	106	229477	51.750	ug/l	97
70) Styrene	10.80	104	297605	50.379	ug/l	99
71) Bromoform	10.78	173	52368	53.206	ug/l #	98
73) Isopropylbenzene	11.13	105	639346	50.591	ug/l	100
74) N-amyl acetate	11.38	43	145449	50.630	ug/l	95
75) 1,1,2,2-Tetrachloroethane	11.71	83	101621	50.715	ug/l	98
76) 1,2,3-Trichloropropane	11.80	75	72984	49.661	ug/l	98
77) Bromobenzene	11.51	156	124281	49.432	ug/l	89
78) n-propylbenzene	11.60	91	759190	50.385	ug/l	97
79) 2-Chlorotoluene	11.73	91	434767	51.789	ug/l	95
80) 1,3,5-Trimethylbenzene	11.83	105	480377	47.771	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.87	75	27800m	43.287	ug/l	
82) 4-Chlorotoluene	11.90	91	425720	49.906	ug/l	93
83) tert-Butylbenzene	12.14	119	492326	49.141	ug/l	99
84) 1,2,4-Trimethylbenzene	12.21	105	526490	52.735	ug/l	97
85) sec-Butylbenzene	12.32	105	691988	48.509	ug/l	98
86) p-Isopropyltoluene	12.47	119	582368	50.192	ug/l	99
87) 1,3-Dichlorobenzene	12.48	146	243067	49.506	ug/l	97
88) 1,4-Dichlorobenzene	12.57	146	249431	52.843	ug/l	97
89) n-Butylbenzene	12.85	91	601518	50.455	ug/l	99
90) Hexachloroethane	12.93	117	127459	48.023	ug/l	84
91) 1,2-Dichlorobenzene	12.95	146	235380	50.226	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	13.65	75	17069	50.416	ug/l	75

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.21	180	167511	51.942	ug/l	95
94) Hexachlorobutadiene	14.20	225	102689	49.461	ug/l	97
95) Naphthalene	14.47	128	322227	53.020	ug/l	99
96) 1,2,3-Trichlorobenzene	14.61	180	157551	51.863	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.88 min Scan# 431

Delta R.T. 0.01 min

Lab File: VF061338.D

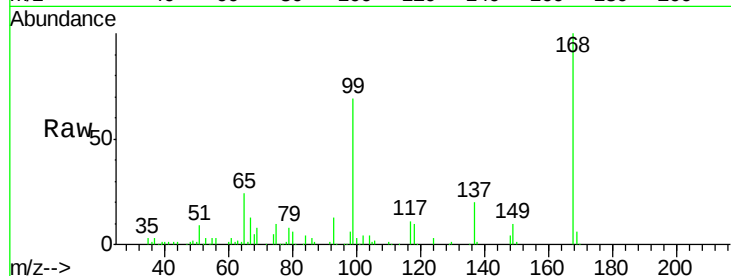
Acq: 10 Jan 2019 12:10

Tot Ion:168 Resp: 188726

Ion Ratio Lower Upper

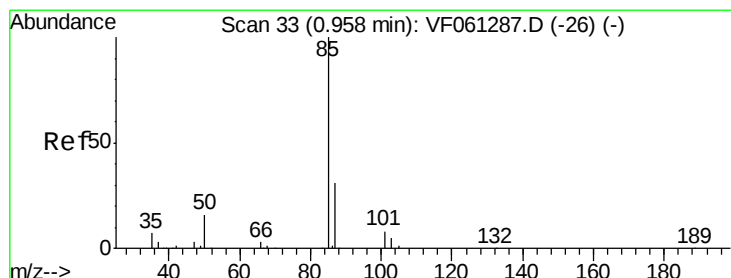
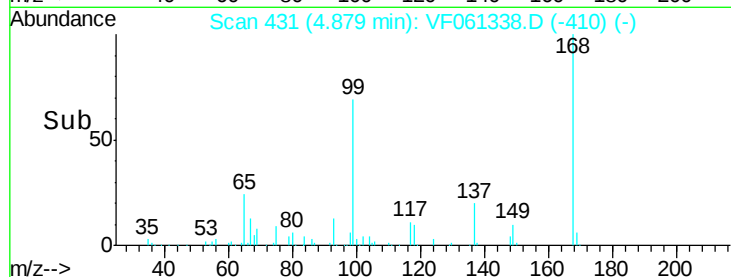
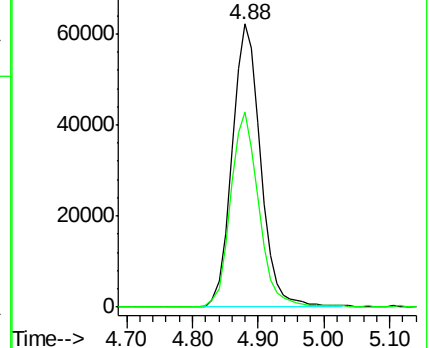
168 100

99 68.8 52.7 79.1



Abundance Ion 168.00 (167.70 to 168.70): V

Ion 99.00 (98.70 to 99.70): VF0



#2

Dichlorodifluoromethane

Concen: 46.889 ug/l

RT: 0.96 min Scan# 34

Delta R.T. 0.01 min

Lab File: VF061338.D

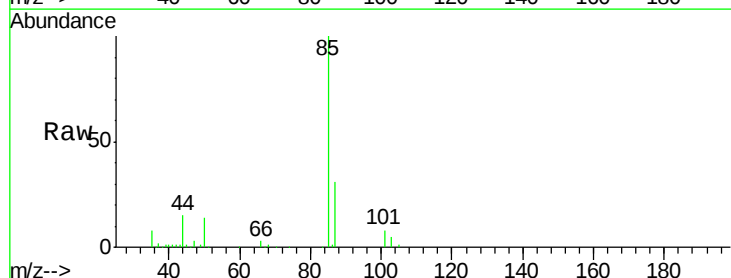
Acq: 10 Jan 2019 12:10

Tgt Ion: 85 Resp: 163233

Ion Ratio Lower Upper

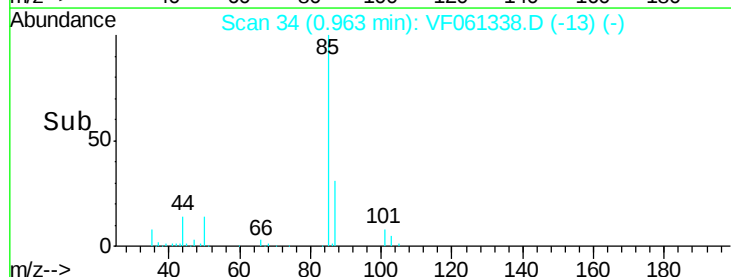
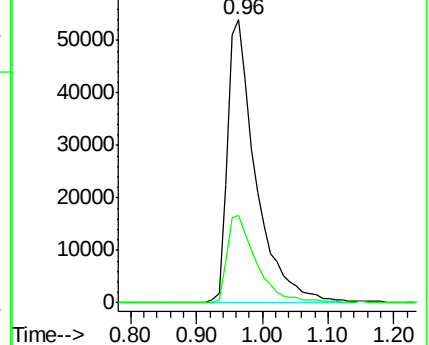
85 100

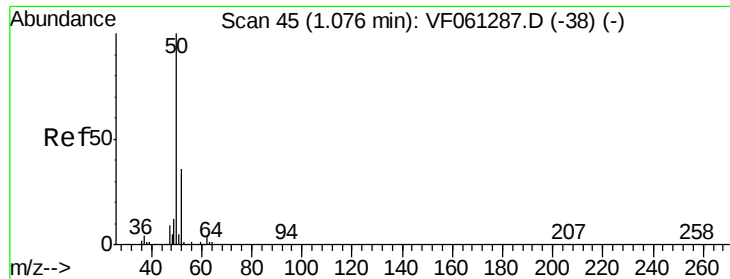
87 31.1 15.4 46.2



Abundance Ion 85.00 (84.70 to 85.70): VF0

Ion 87.00 (86.70 to 87.70): VF0





#3

Chloromethane

Concen: 43.795 ug/l

RT: 1.08 min Scan# 46

Delta R.T. 0.01 min

Lab File: VF061338.D

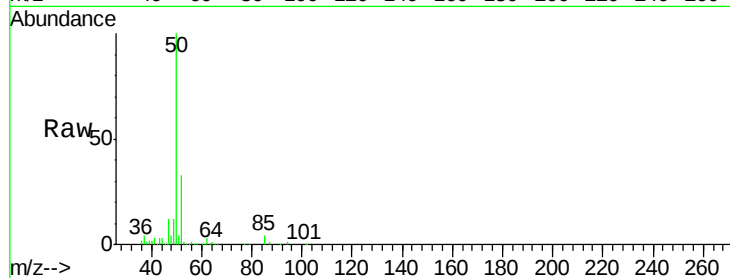
Acq: 10 Jan 2019 12:10

Tot Ion: 50 Resp: 135860

Ion Ratio Lower Upper

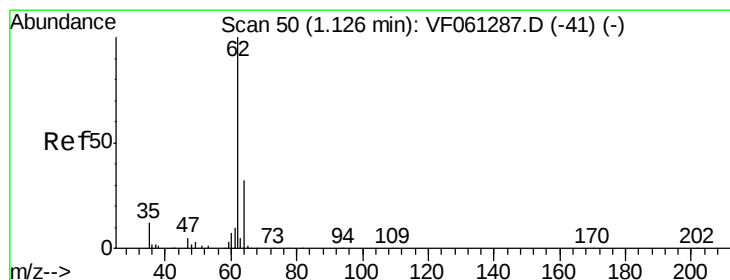
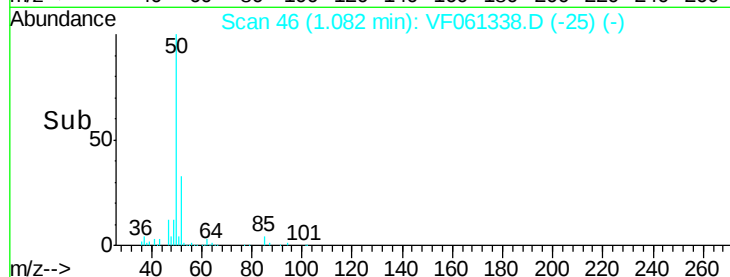
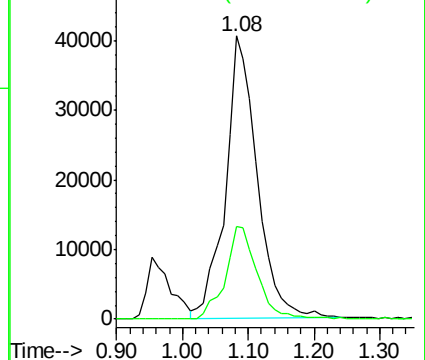
50 100

52 32.6 28.2 42.2



Abundance Ion 50.00 (49.70 to 50.70): VF0

Ion 52.00 (51.70 to 52.70): VF0



#4

Vinyl Chloride

Concen: 44.204 ug/l

RT: 1.13 min Scan# 51

Delta R.T. 0.01 min

Lab File: VF061338.D

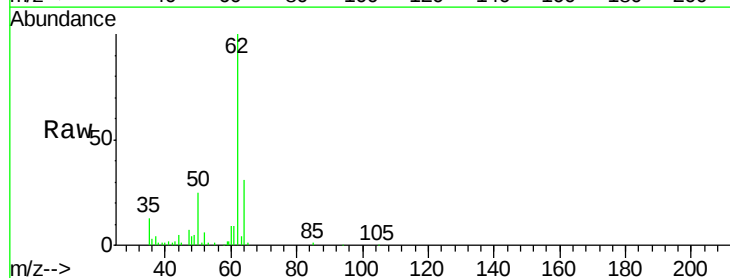
Acq: 10 Jan 2019 12:10

Tgt Ion: 62 Resp: 122475

Ion Ratio Lower Upper

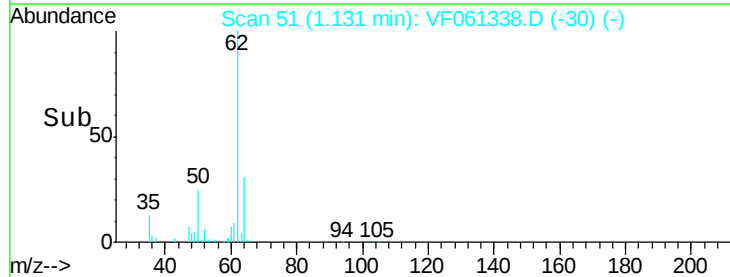
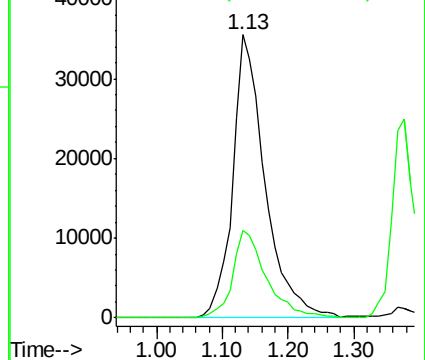
62 100

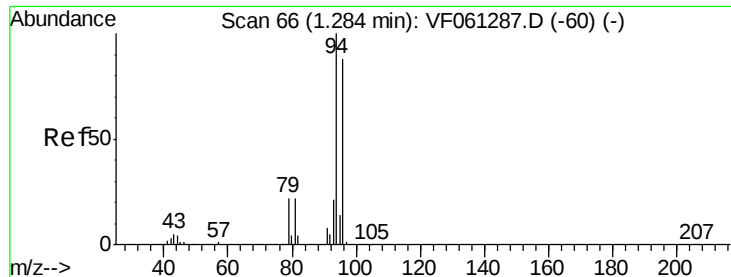
64 31.1 25.4 38.0



Abundance Ion 62.00 (61.70 to 62.70): VF0

Ion 64.00 (63.70 to 64.70): VF0





#5

Bromomethane

Concen: 42.310 ug/l

RT: 1.30 min Scan# 68

Delta R.T. 0.02 min

Lab File: VF061338.D

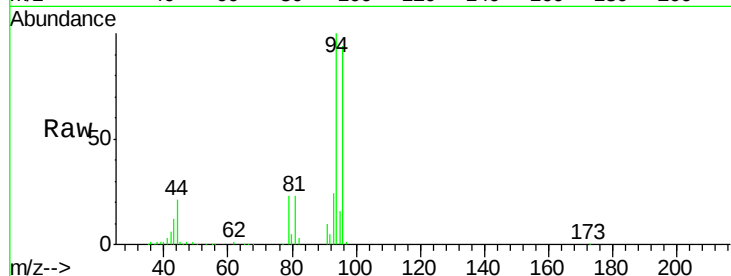
Acq: 10 Jan 2019 12:10

Tot Ion: 94 Resp: 91555

Ion Ratio Lower Upper

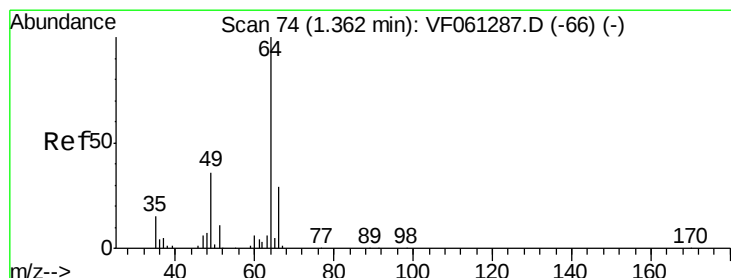
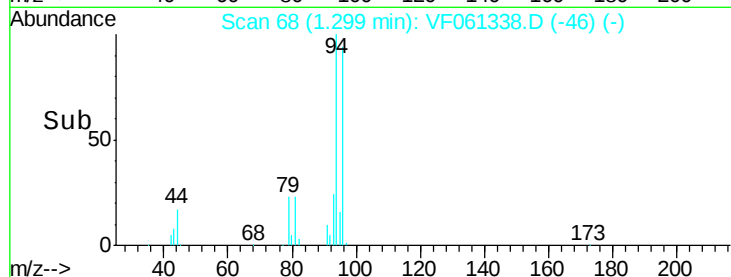
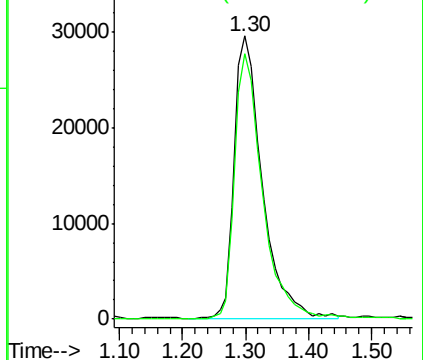
94 100

96 93.6 70.2 105.4



Abundance Ion 94.00 (93.70 to 94.70): VF0

Ion 96.00 (95.70 to 96.70): VF0



#6

Chloroethane

Concen: 46.756 ug/l

RT: 1.38 min Scan# 76

Delta R.T. 0.02 min

Lab File: VF061338.D

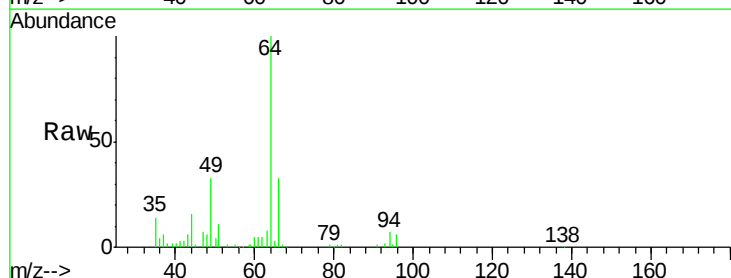
Acq: 10 Jan 2019 12:10

Tgt Ion: 64 Resp: 63261

Ion Ratio Lower Upper

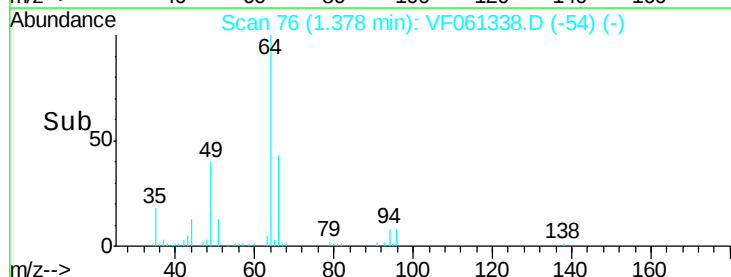
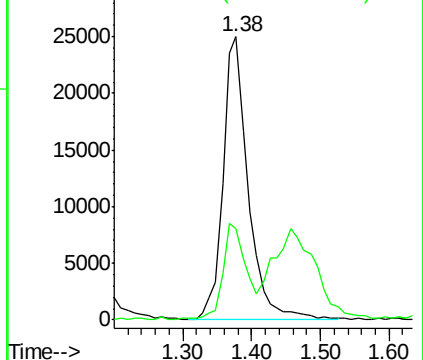
64 100

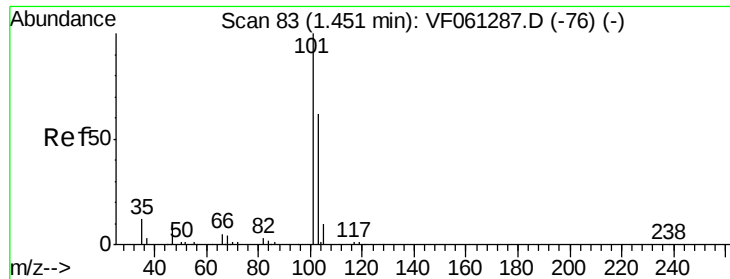
66 32.5 23.4 35.0



Abundance Ion 64.00 (63.70 to 64.70): VF0

Ion 66.00 (65.70 to 66.70): VF0

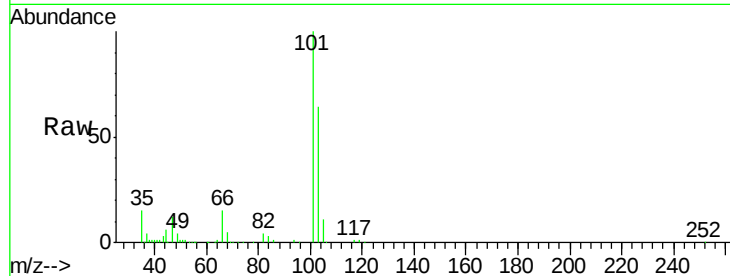




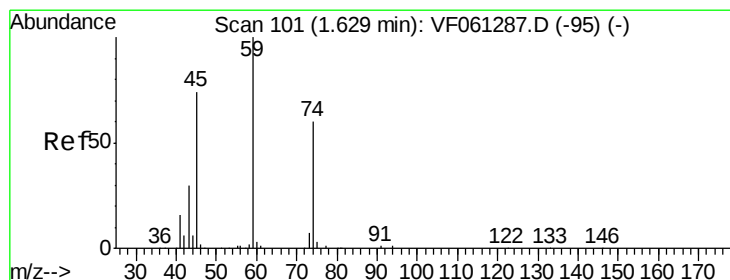
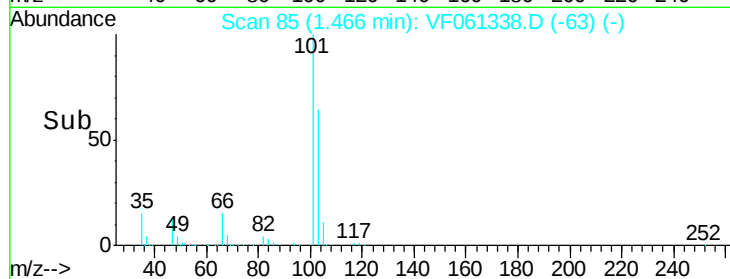
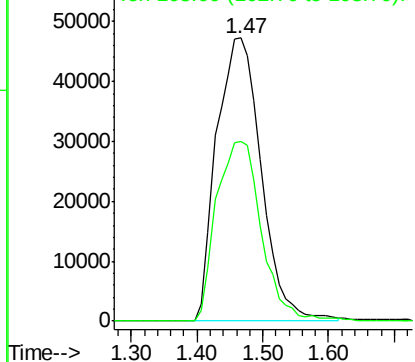
#7

Trichlorofluoromethane
Concen: 47.440 ug/l
RT: 1.47 min Scan# 85
Delta R.T. 0.02 min
Lab File: VF061338.D
Acq: 10 Jan 2019 12:10

Tot Ion:101 Resp: 222824
Ion Ratio Lower Upper
101 100
103 63.6 49.9 74.9



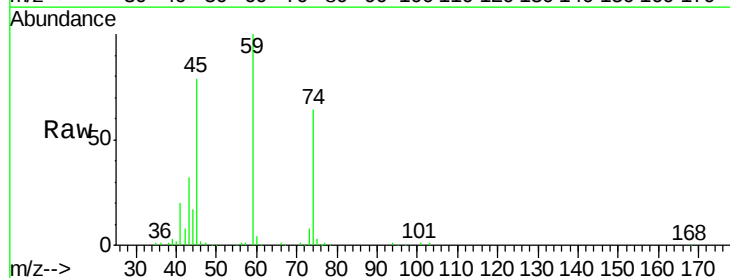
Abundance Ion 101.00 (100.70 to 101.70): V
Ion 103.00 (102.70 to 103.70): V



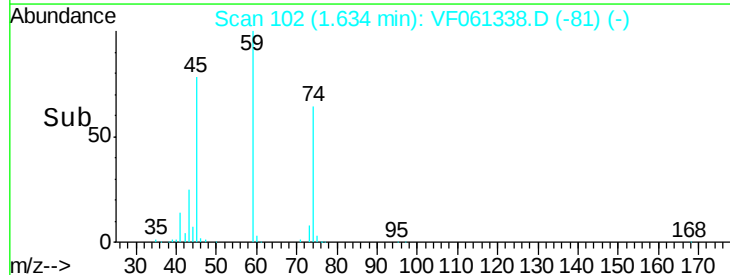
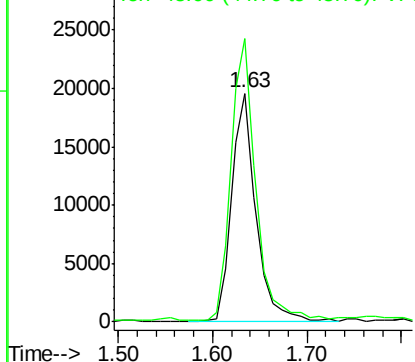
#8

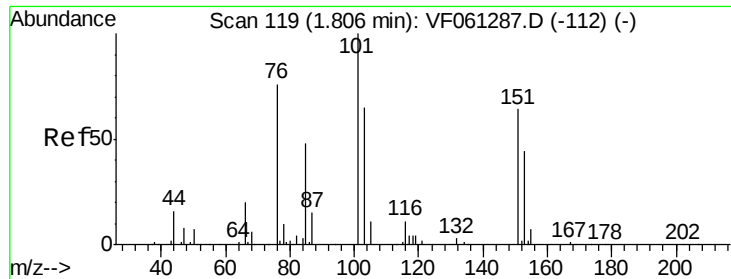
Diethyl Ether
Concen: 50.467 ug/l
RT: 1.63 min Scan# 102
Delta R.T. 0.01 min
Lab File: VF061338.D
Acq: 10 Jan 2019 12:10

Tgt Ion: 74 Resp: 34808
Ion Ratio Lower Upper
74 100
45 123.9 62.1 186.3



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





#9

1,1,2-Trichlorotrifluoroethane

Concen: 46.632 ug/l

RT: 1.82 min Scan# 121

Delta R.T. 0.02 min

Lab File: VF061338.D

Acq: 10 Jan 2019 12:10

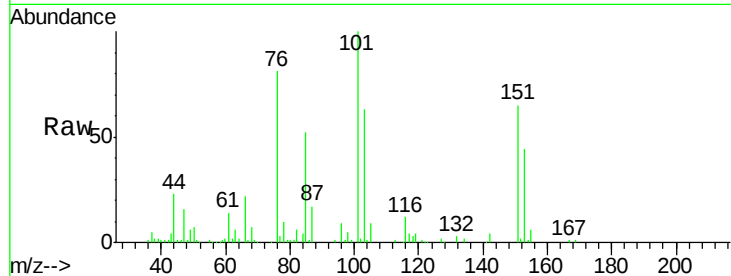
Tot Ion:101 Resp: 115652

Ion Ratio Lower Upper

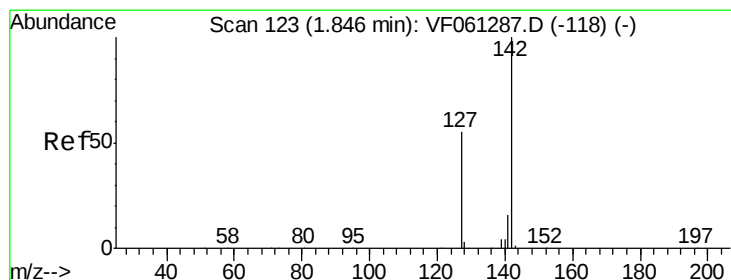
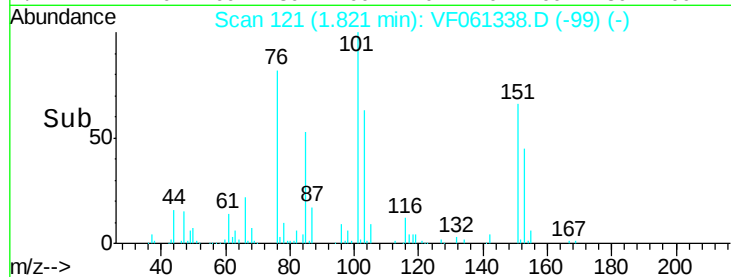
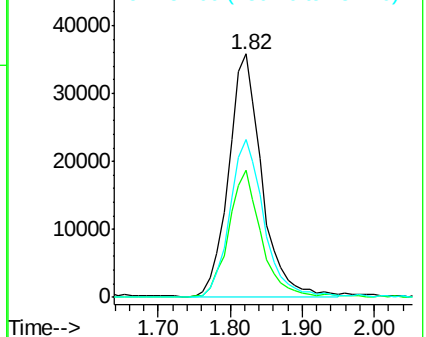
101 100

85 52.4 38.4 57.6

151 64.9 51.4 77.2



Abundance Ion 101.00 (100.70 to 101.70): V
Ion 85.00 (84.70 to 85.70): VF0
Ion 151.00 (150.70 to 151.70): V



#10

Methyl Iodide

Concen: 45.731 ug/l m

RT: 1.85 min Scan# 124

Delta R.T. 0.01 min

Lab File: VF061338.D

Acq: 10 Jan 2019 12:10

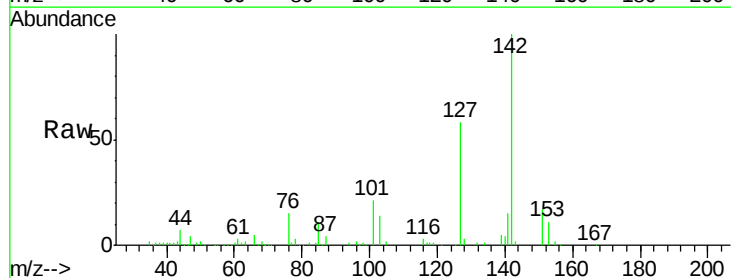
Tgt Ion:142 Resp: 177691

Ion Ratio Lower Upper

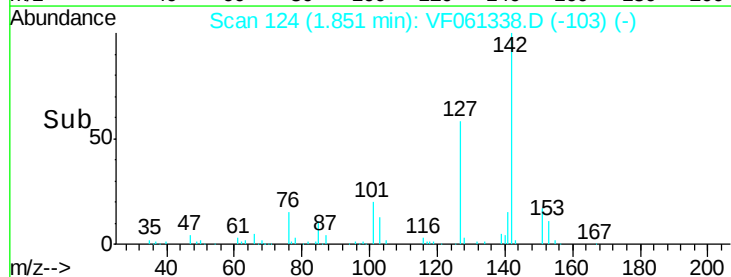
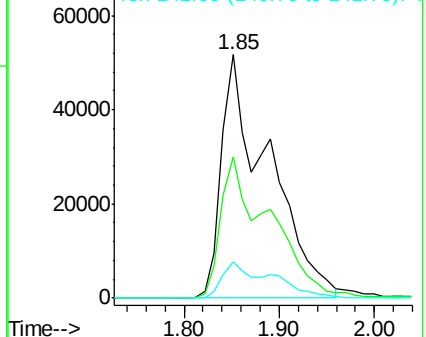
142 100

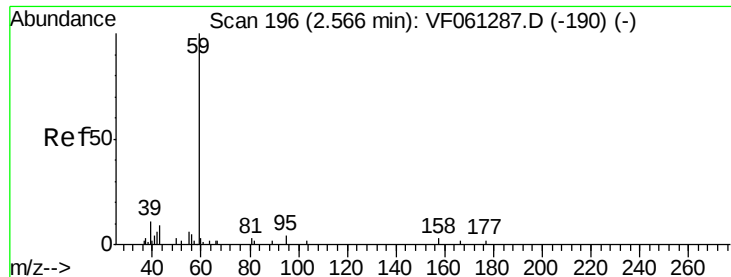
127 58.1 44.3 66.5

141 15.1 13.2 19.8



Abundance Ion 142.00 (141.70 to 142.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 141.00 (140.70 to 141.70): V

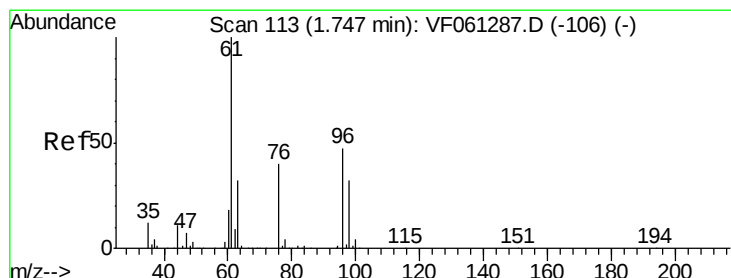
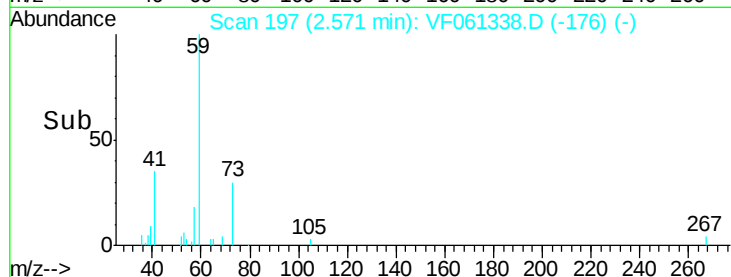
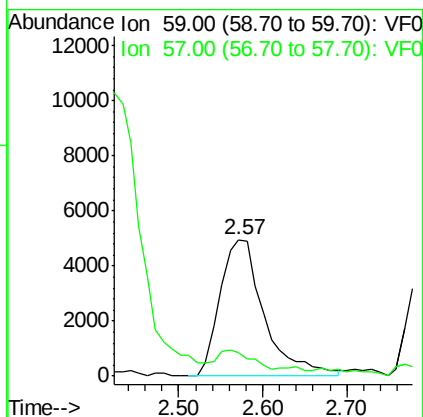
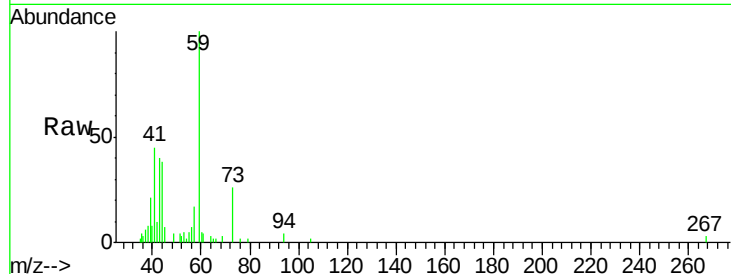




#11

Tert butyl alcohol
Concen: 215.349 ug/l
RT: 2.57 min Scan# 197
Delta R.T. 0.01 min
Lab File: VF061338.D
Acq: 10 Jan 2019 12:10

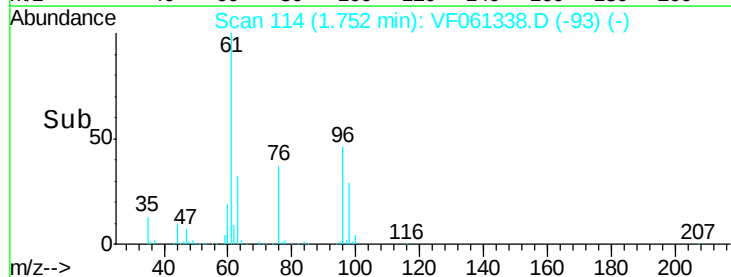
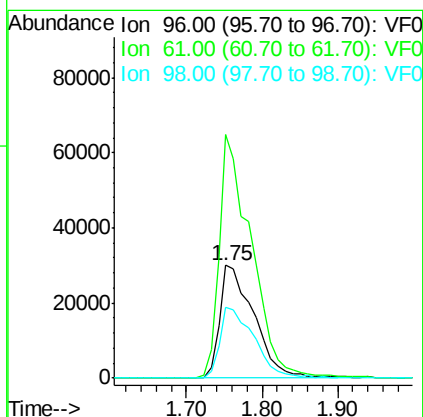
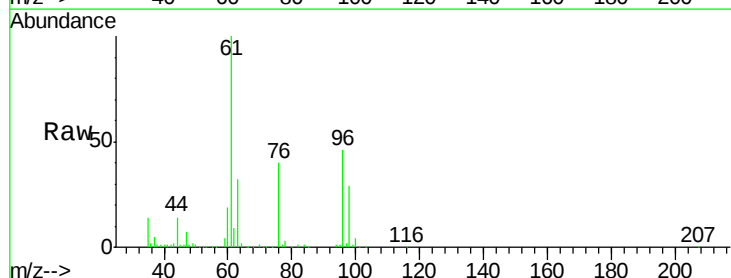
Tot Ion: 59 Resp: 18112
Ion Ratio Lower Upper
59 100
57 17.5 15.1 22.7

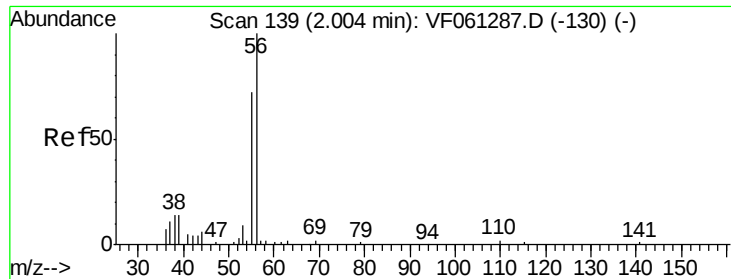


#12

1,1-Dichloroethene
Concen: 47.535 ug/l
RT: 1.75 min Scan# 114
Delta R.T. 0.01 min
Lab File: VF061338.D
Acq: 10 Jan 2019 12:10

Tgt Ion: 96 Resp: 94273
Ion Ratio Lower Upper
96 100
61 215.5 171.8 257.8
98 62.2 54.2 81.4





#13

Acrolein

Concen: 222.418 ug/l

RT: 2.00 min Scan# 139

Delta R.T. -0.00 min

Lab File: VF061338.D

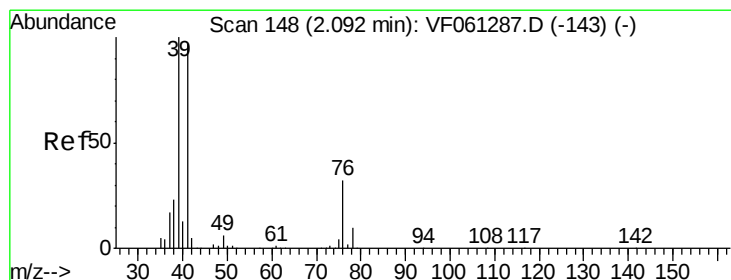
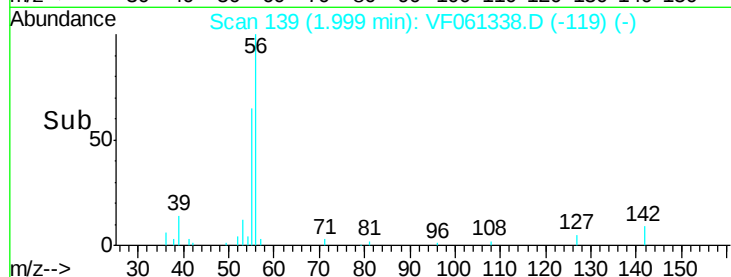
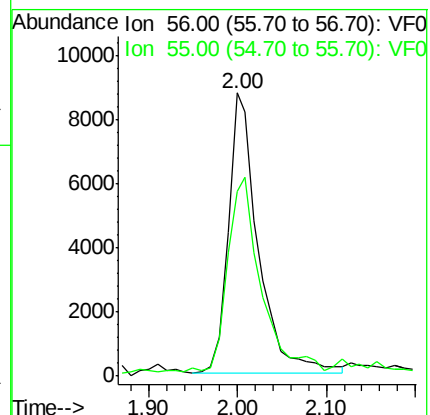
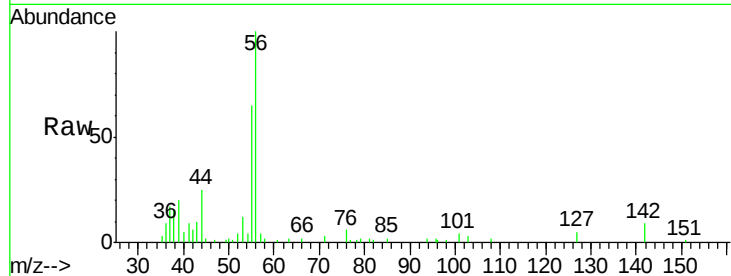
Acq: 10 Jan 2019 12:10

Tot Ion: 56 Resp: 20556

Ion Ratio Lower Upper

56 100

55 65.4 59.4 89.0



#14

Allyl chloride

Concen: 44.948 ug/l

RT: 2.10 min Scan# 149

Delta R.T. 0.01 min

Lab File: VF061338.D

Acq: 10 Jan 2019 12:10

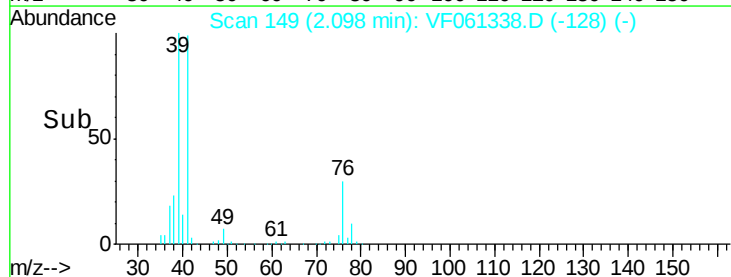
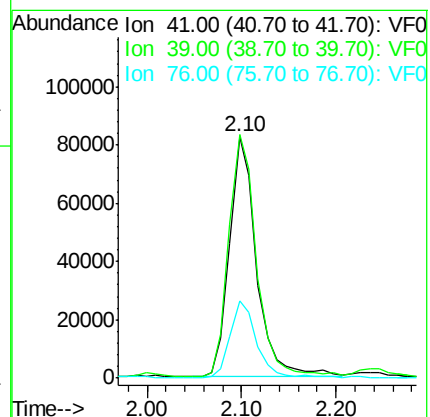
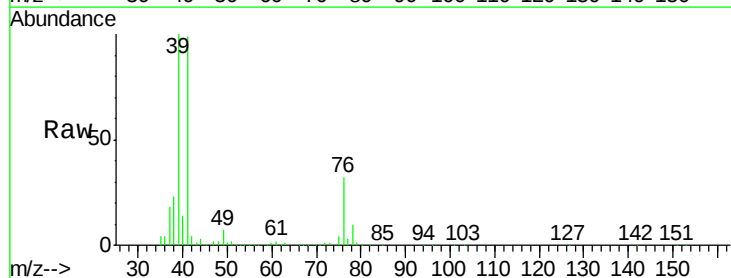
Tgt Ion: 41 Resp: 162935

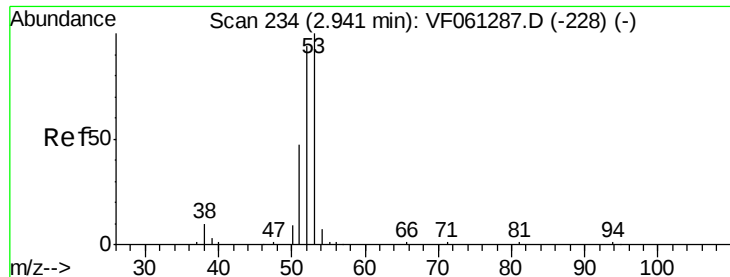
Ion Ratio Lower Upper

41 100

39 100.7 82.6 123.8

76 31.9 26.9 40.3





#15

Acrylonitrile

Concen: 215.249 ug/l

RT: 2.95 min Scan# 235

Delta R.T. 0.01 min

Lab File: VF061338.D

Acq: 10 Jan 2019 12:10

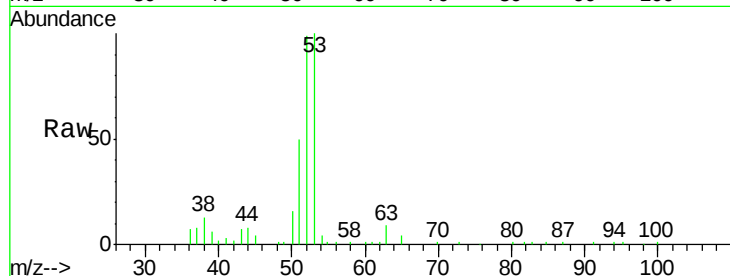
Tot Ion: 53 Resp: 64177

Ion Ratio Lower Upper

53 100

52 99.0 74.6 111.8

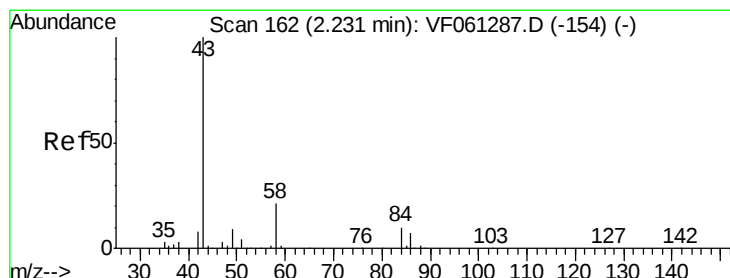
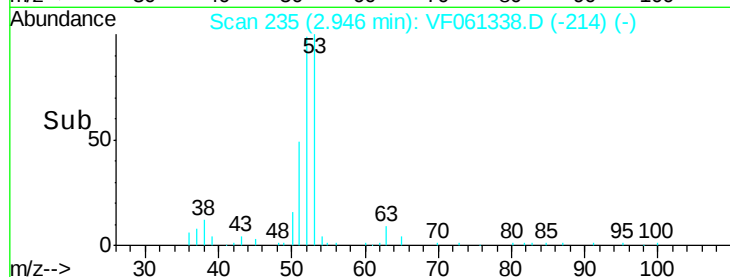
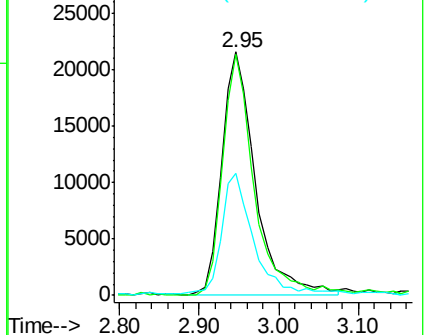
51 50.0 37.8 56.6



Abundance Ion 53.00 (52.70 to 53.70): VF0

Ion 52.00 (51.70 to 52.70): VF0

Ion 51.00 (50.70 to 51.70): VF0



#16

Acetone

Concen: 264.006 ug/l

RT: 2.24 min Scan# 163

Delta R.T. 0.01 min

Lab File: VF061338.D

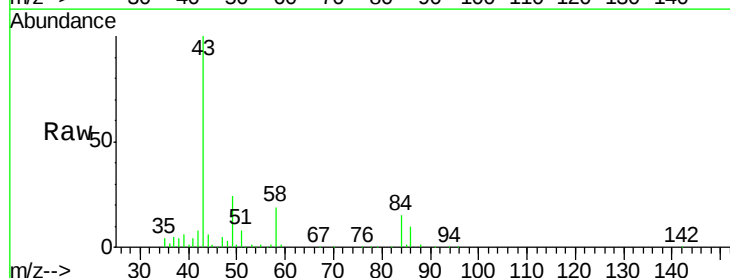
Acq: 10 Jan 2019 12:10

Tgt Ion: 43 Resp: 129009

Ion Ratio Lower Upper

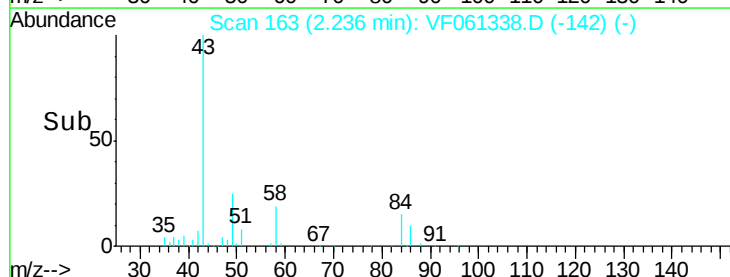
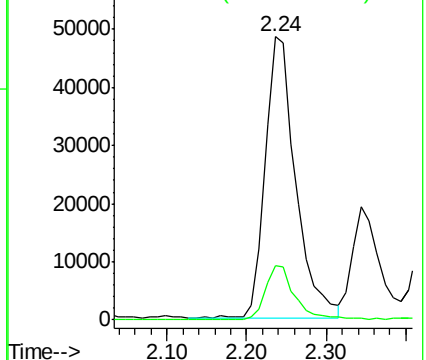
43 100

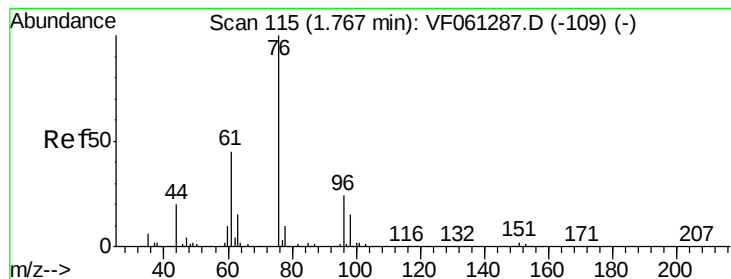
58 19.0 16.6 25.0



Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 58.00 (57.70 to 58.70): VF0





#17

Carbon Disulfide

Concen: 44.193 ug/l

RT: 1.77 min Scan# 116

Delta R.T. 0.01 min

Lab File: VF061338.D

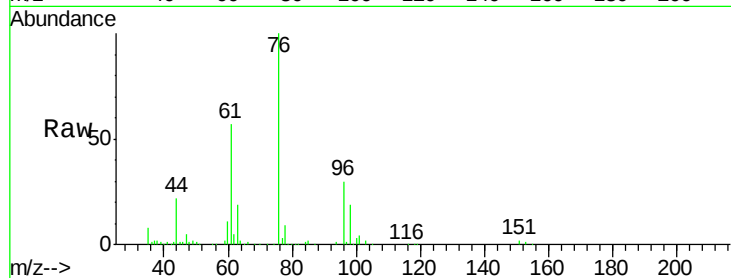
Acq: 10 Jan 2019 12:10

Tot Ion: 76 Resp: 289488

Ion Ratio Lower Upper

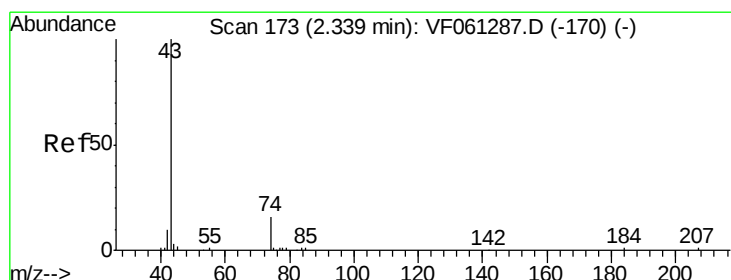
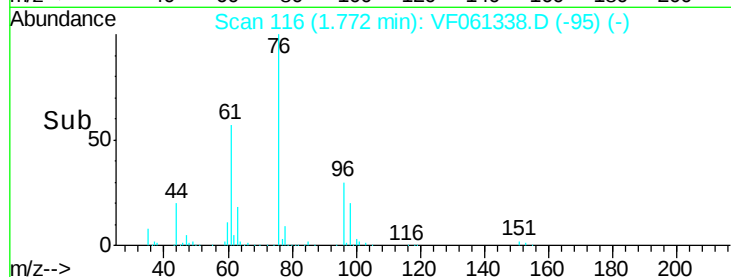
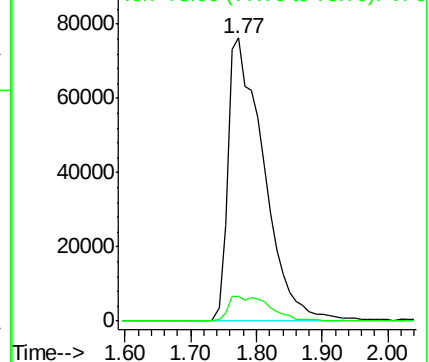
76 100

78 8.8 7.8 11.6



Abundance Ion 76.00 (75.70 to 76.70): VF0

Ion 78.00 (77.70 to 78.70): VF0



#18

Methyl Acetate

Concen: 42.394 ug/l

RT: 2.34 min Scan# 174

Delta R.T. 0.01 min

Lab File: VF061338.D

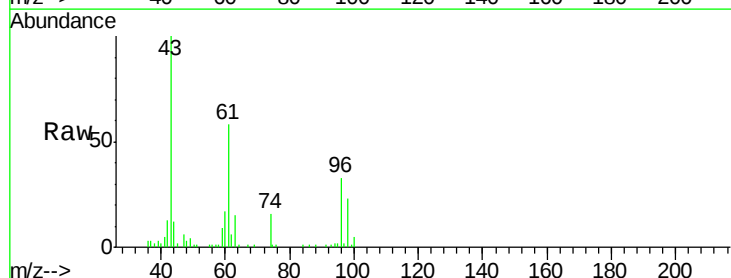
Acq: 10 Jan 2019 12:10

Tgt Ion: 43 Resp: 40758

Ion Ratio Lower Upper

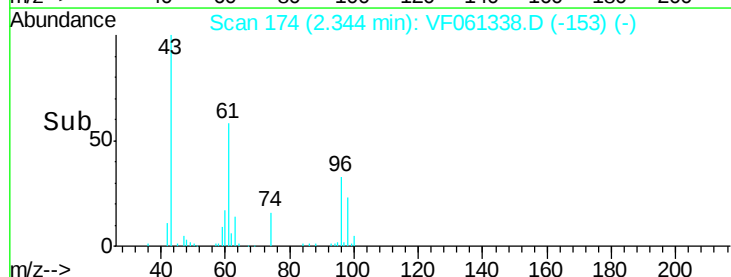
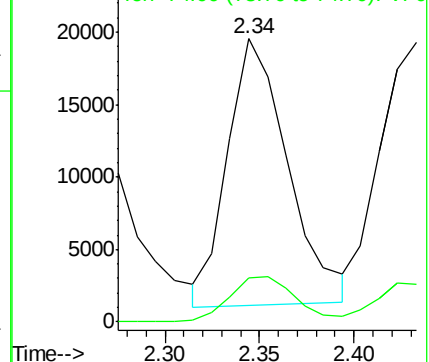
43 100

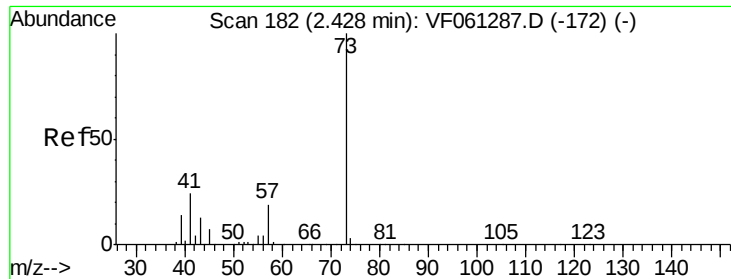
74 15.5 11.6 17.4



Abundance Ion 43.00 (42.70 to 43.70): VF0

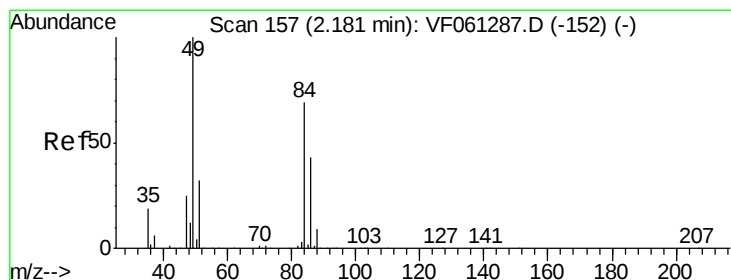
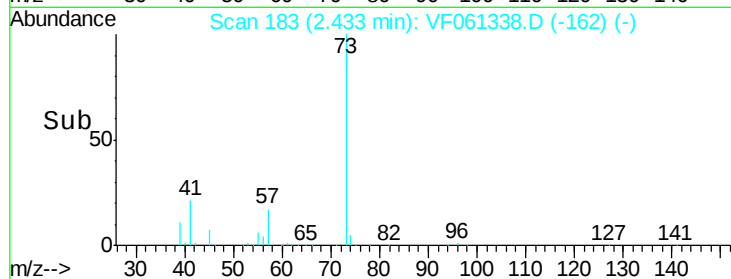
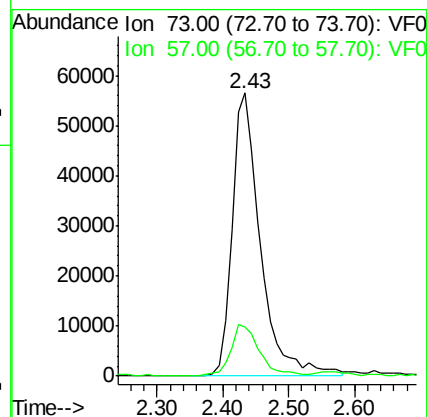
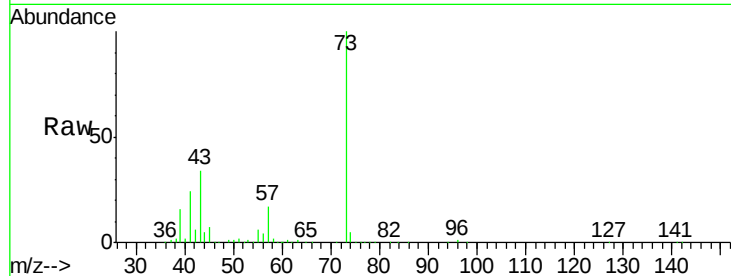
Ion 74.00 (73.70 to 74.70): VF0





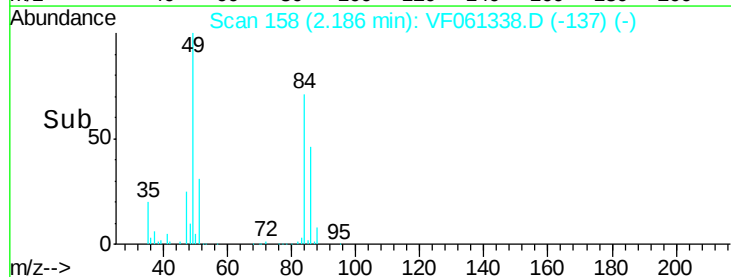
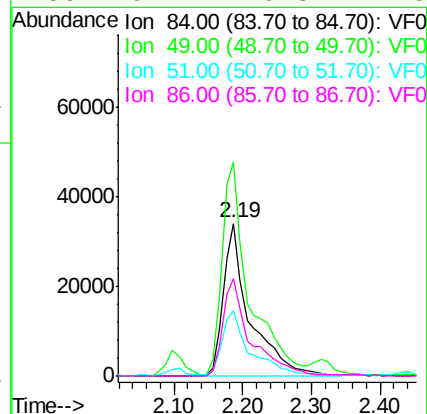
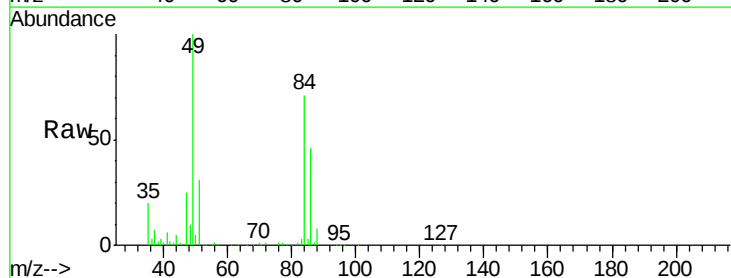
#19
Methvl tert-butvl Ether
Concen: 45.010 ug/l
RT: 2.43 min Scan# 183
Delta R.T. 0.01 min
Lab File: VF061338.D
Acq: 10 Jan 2019 12:10

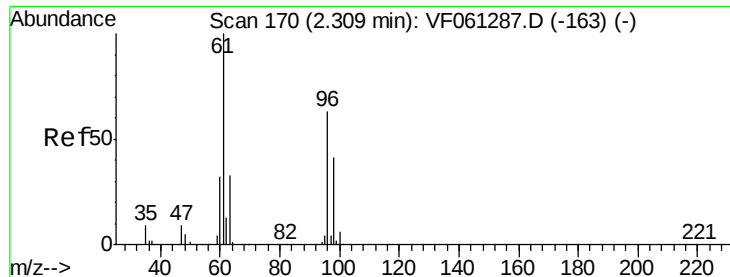
Tot Ion: 73 Resp: 170103
Ion Ratio Lower Upper
73 100
57 17.5 15.5 23.3



#20
Methylene Chloride
Concen: 44.054 ug/l
RT: 2.19 min Scan# 158
Delta R.T. 0.01 min
Lab File: VF061338.D
Acq: 10 Jan 2019 12:10

Tgt Ion: 84 Resp: 91074
Ion Ratio Lower Upper
84 100
49 140.0 116.6 175.0
51 43.2 37.7 56.5
86 64.1 49.8 74.8





#21

trans-1,2-Dichloroethene

Concen: 45.187 ug/l

RT: 2.31 min Scan# 171

Delta R.T. 0.01 min

Lab File: VF061338.D

Acq: 10 Jan 2019 12:10

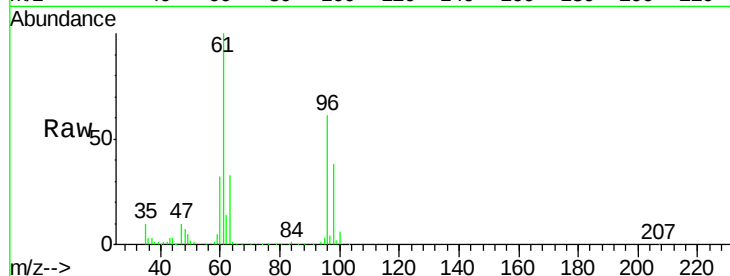
Tot Ion: 96 Resp: 94962

Ion Ratio Lower Upper

96 100

61 164.2 127.0 190.4

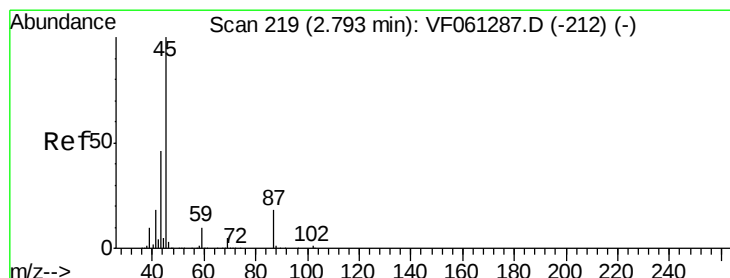
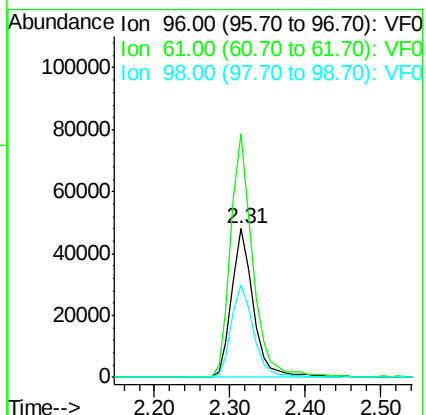
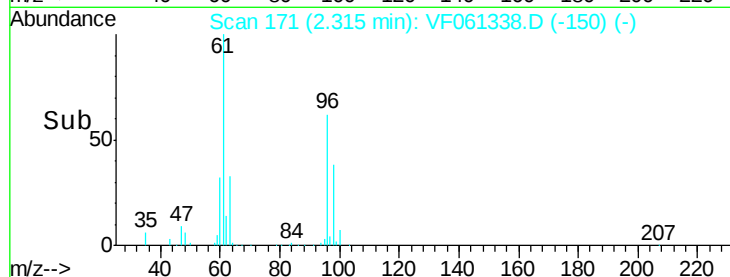
98 62.2 51.7 77.5



Abundance Ion 96.00 (95.70 to 96.70): VF0

Ion 61.00 (60.70 to 61.70): VF0

Ion 98.00 (97.70 to 98.70): VF0



#22

Diisopropyl ether

Concen: 42.278 ug/l

RT: 2.80 min Scan# 220

Delta R.T. 0.01 min

Lab File: VF061338.D

Acq: 10 Jan 2019 12:10

Tgt Ion: 45 Resp: 296501

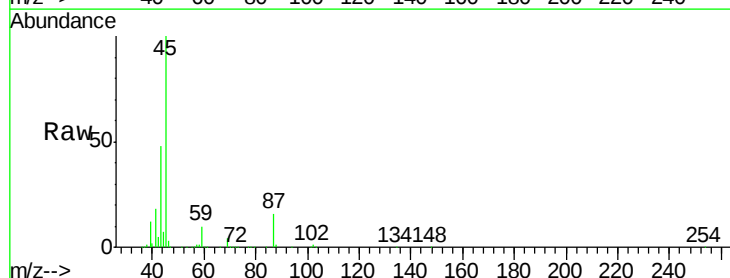
Ion Ratio Lower Upper

45 100

43 48.2 37.4 56.2

87 16.5 14.2 21.2

59 10.0 8.2 12.2

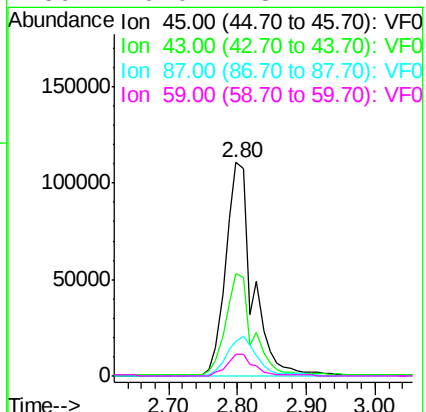
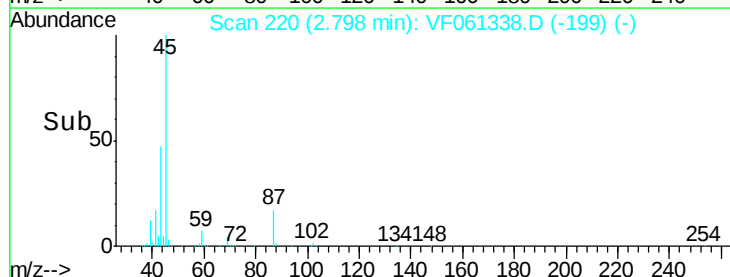


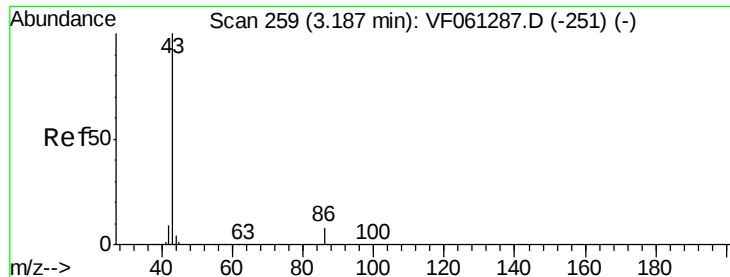
Abundance Ion 45.00 (44.70 to 45.70): VF0

Ion 43.00 (42.70 to 43.70): VF0

Ion 87.00 (86.70 to 87.70): VF0

Ion 59.00 (58.70 to 59.70): VF0





#23

Vinyl Acetate

Concen: 256.173 ug/l

RT: 3.19 min Scan# 260

Delta R.T. 0.01 min

Lab File: VF061338.D

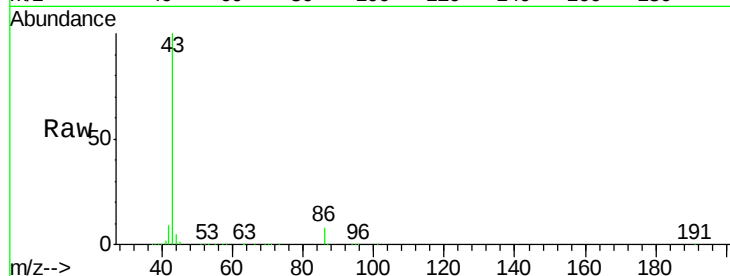
Acq: 10 Jan 2019 12:10

Tot Ion: 43 Resp: 525403

Ion Ratio Lower Upper

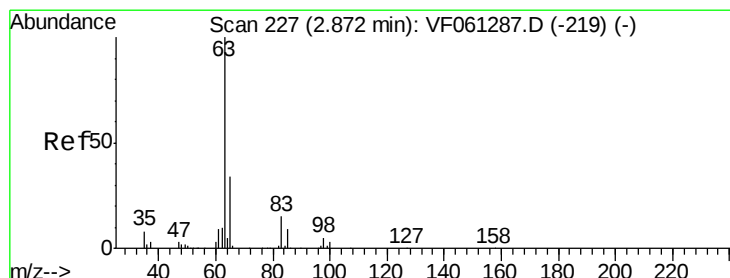
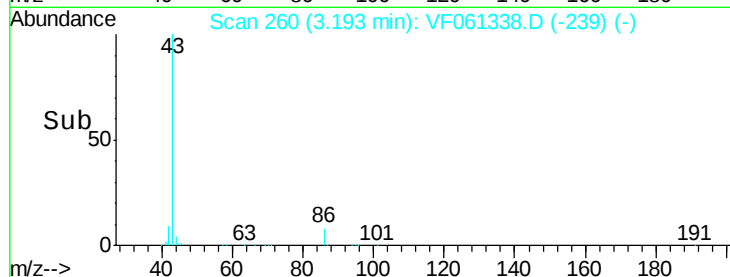
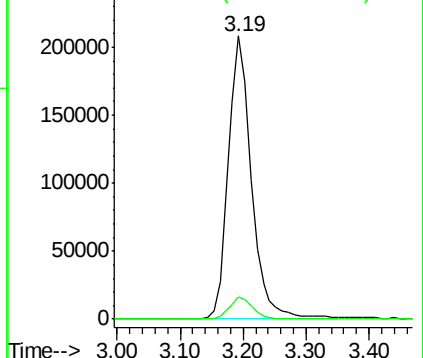
43 100

86 7.9 6.5 9.7



Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 86.00 (85.70 to 86.70): VF0



#24

1,1-Dichloroethane

Concen: 45.532 ug/l

RT: 2.88 min Scan# 228

Delta R.T. 0.01 min

Lab File: VF061338.D

Acq: 10 Jan 2019 12:10

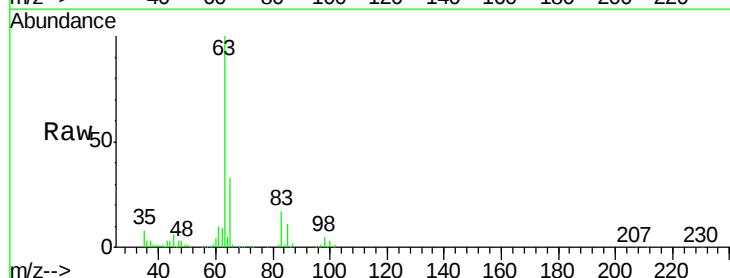
Tgt Ion: 63 Resp: 184714

Ion Ratio Lower Upper

63 100

98 5.2 2.5 7.6

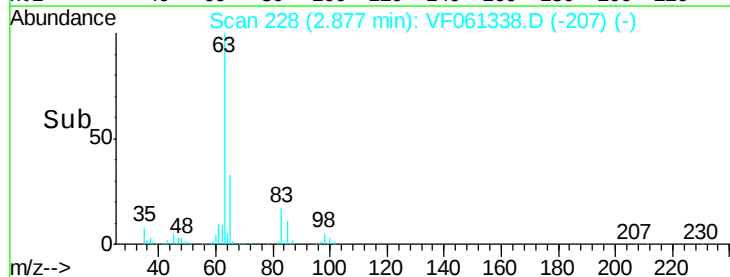
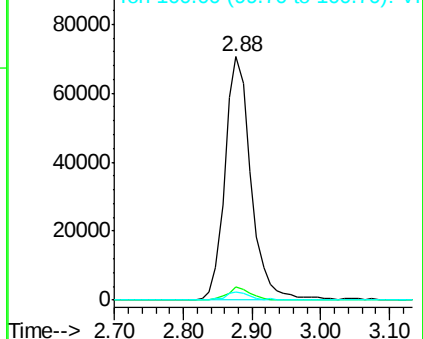
100 3.2 1.7 5.0

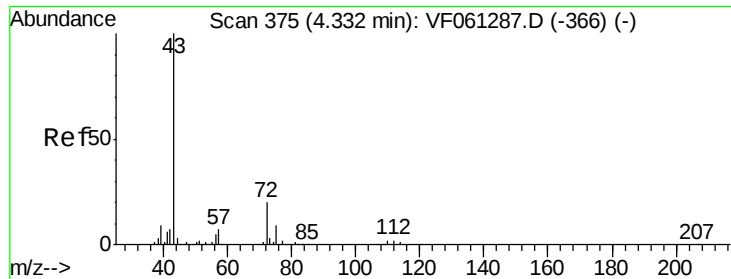


Abundance Ion 63.00 (62.70 to 63.70): VF0

Ion 98.00 (97.70 to 98.70): VF0

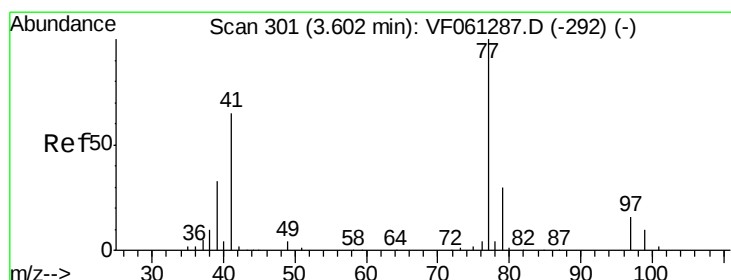
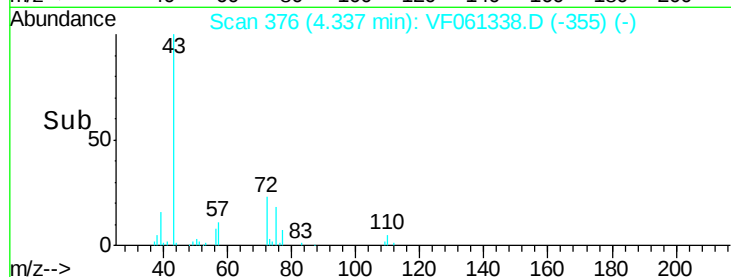
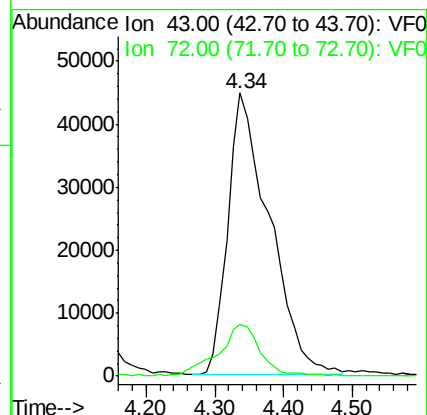
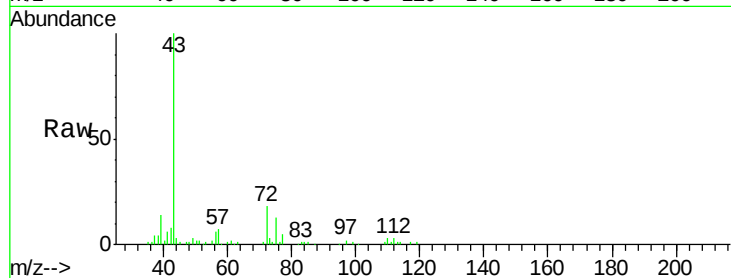
Ion 100.00 (99.70 to 100.70): VF0





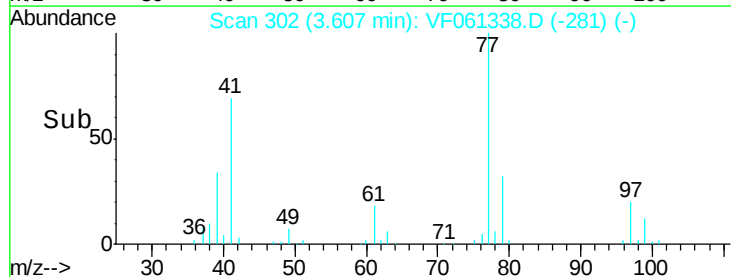
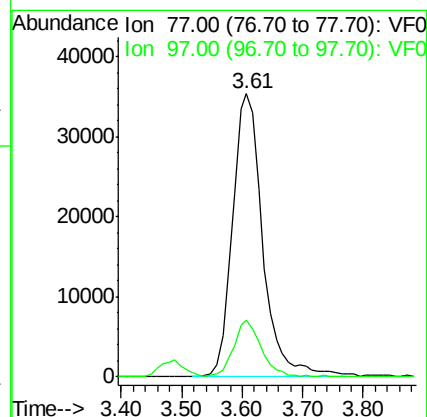
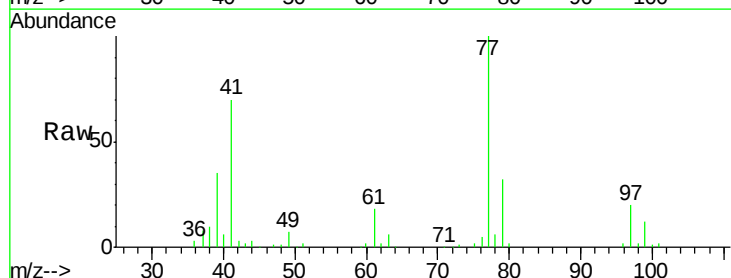
#25
 2-Butanone
 Concen: 237.584 ug/l
 RT: 4.34 min Scan# 376
 Delta R.T. 0.01 min
 Lab File: VF061338.D
 Acq: 10 Jan 2019 12:10

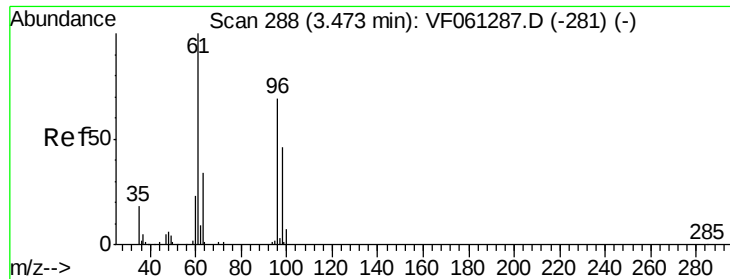
Tot Ion: 43 Resp: 186858
 Ion Ratio Lower Upper
 43 100
 72 18.3 16.5 24.7



#26
 2,2-Dichloropropane
 Concen: 45.189 ug/l
 RT: 3.61 min Scan# 302
 Delta R.T. 0.01 min
 Lab File: VF061338.D
 Acq: 10 Jan 2019 12:10

Tgt Ion: 77 Resp: 122504
 Ion Ratio Lower Upper
 77 100
 97 20.1 8.6 25.9

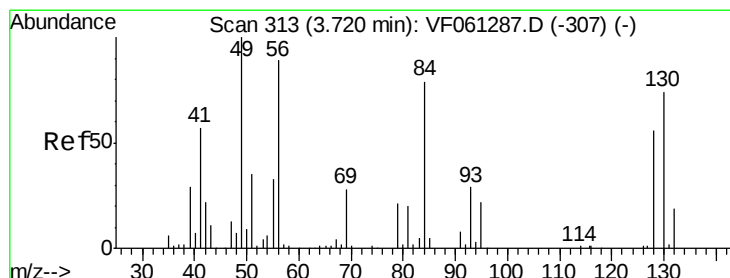
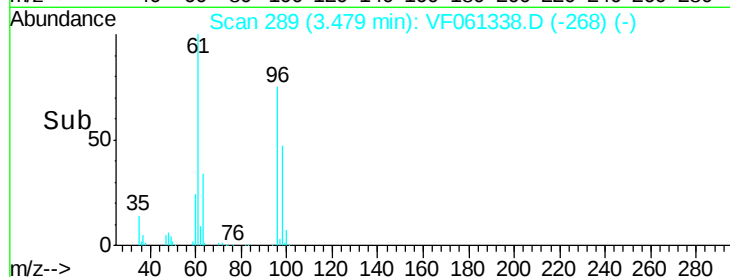
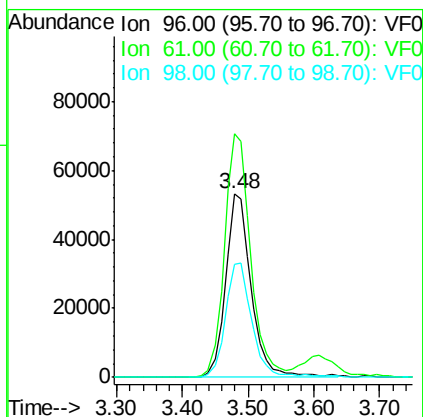
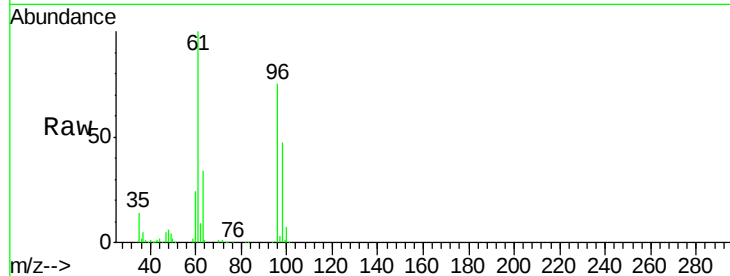




#27

cis-1,2-Dichloroethene
Concen: 49.528 ug/l
RT: 3.48 min Scan# 289
Delta R.T. 0.01 min
Lab File: VF061338.D
Acq: 10 Jan 2019 12:10

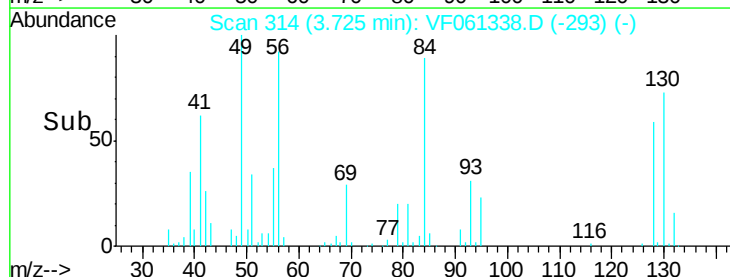
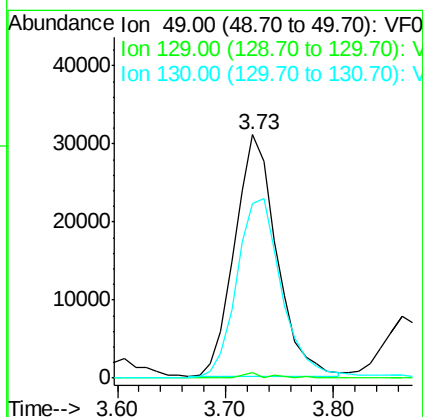
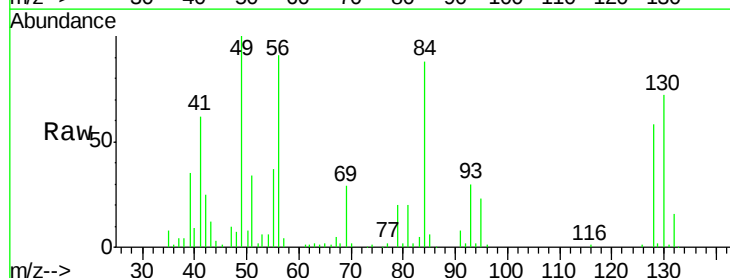
Tot Ion	Ratio	Lower	Upper
96	100		
61	132.6	0.0	288.2
98	61.8	0.0	132.2

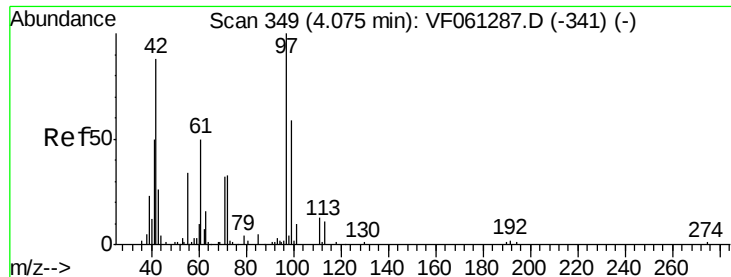


#28

Bromochloromethane
Concen: 47.009 ug/l
RT: 3.73 min Scan# 314
Delta R.T. 0.01 min
Lab File: VF061338.D
Acq: 10 Jan 2019 12:10

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.2	0.0	0.0#
130	71.5	58.6	88.0





#29

Tetrahydrofuran

Concen: 217.234 ug/l

RT: 4.08 min Scan# 350

Delta R.T. 0.01 min

Lab File: VF061338.D

Acq: 10 Jan 2019 12:10

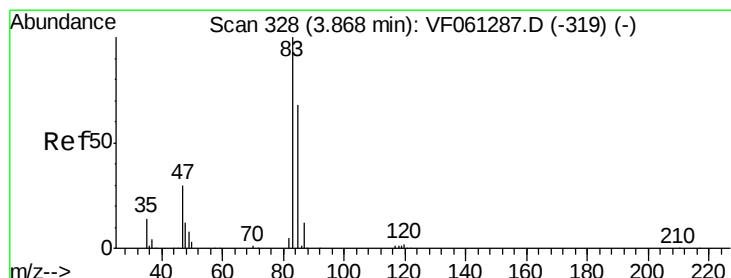
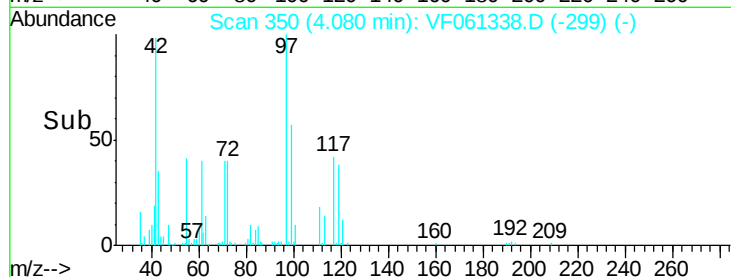
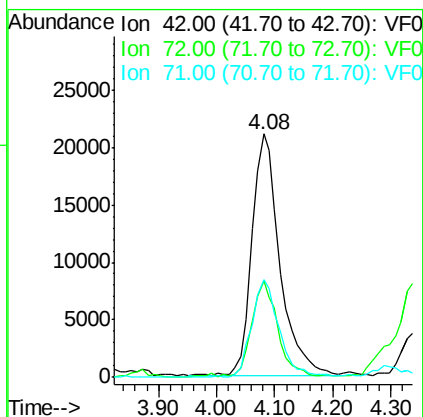
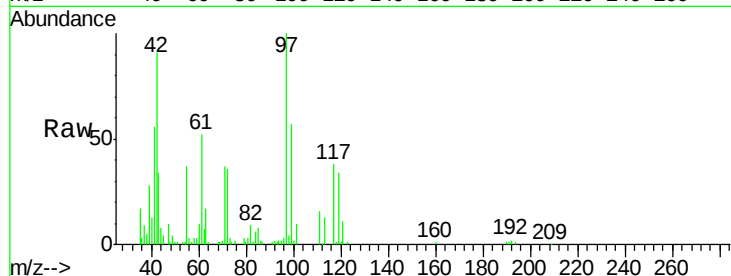
Tot Ion: 42 Resp: 71435

Ion Ratio Lower Upper

42 100

72 37.4 32.3 48.5

71 39.6 29.5 44.3



#30

Chloroform

Concen: 46.015 ug/l

RT: 3.86 min Scan# 328

Delta R.T. -0.00 min

Lab File: VF061338.D

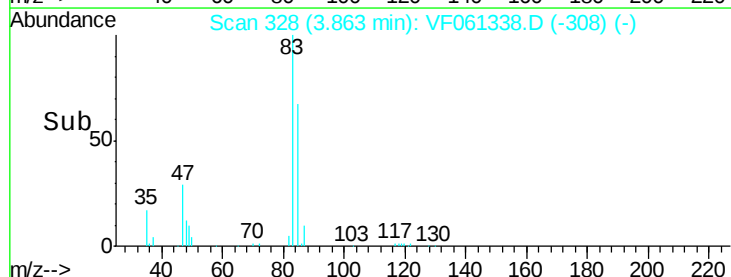
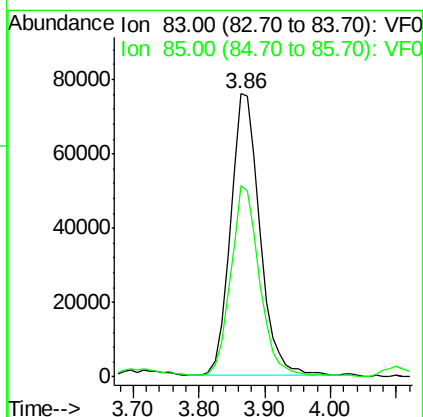
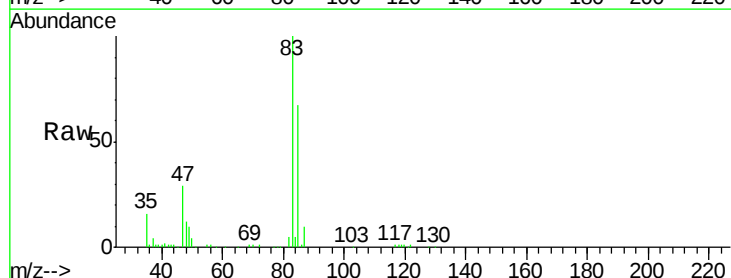
Acq: 10 Jan 2019 12:10

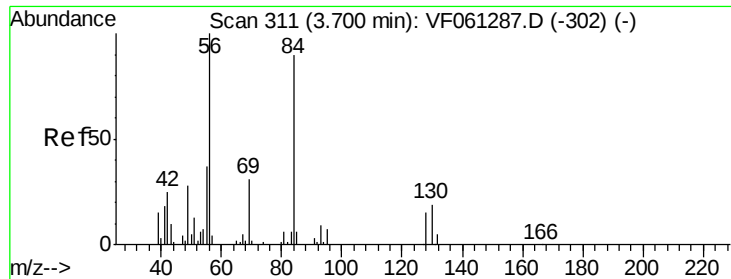
Tgt Ion: 83 Resp: 236970

Ion Ratio Lower Upper

83 100

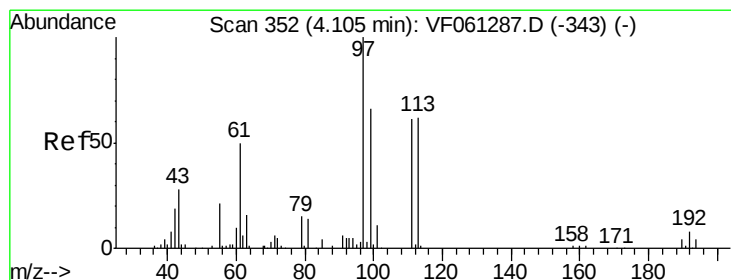
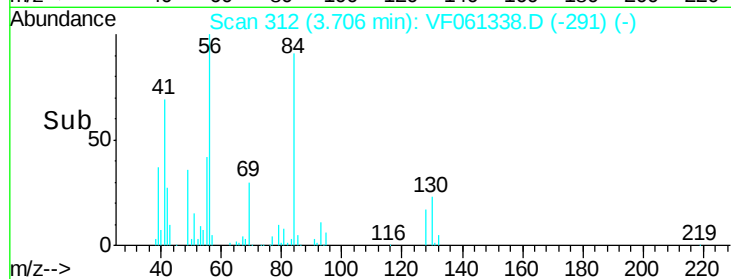
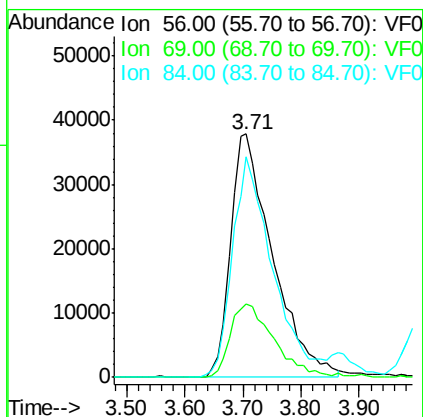
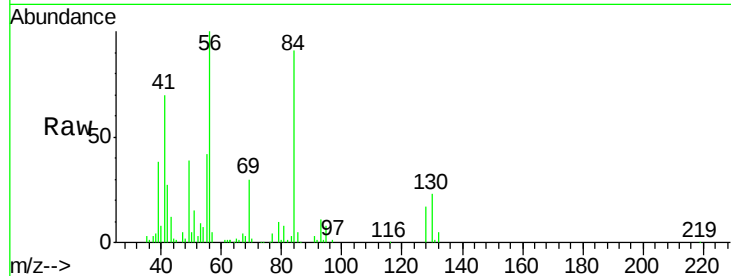
85 67.4 54.4 81.6





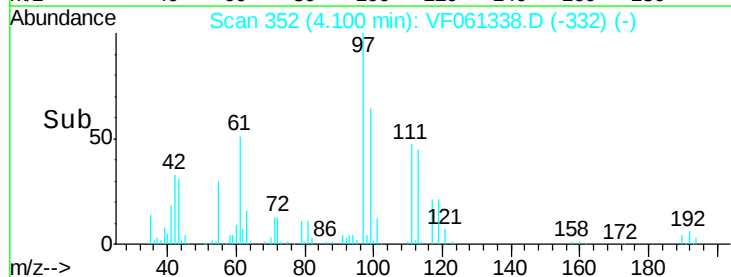
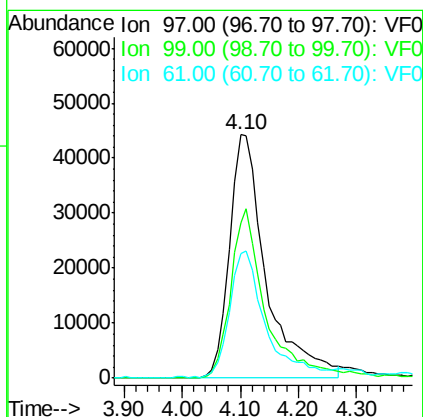
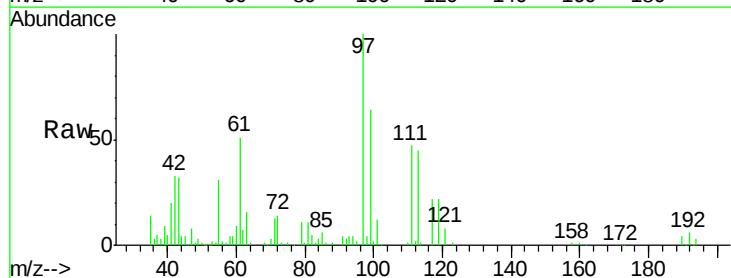
#31
Cyclohexane
Concen: 44.713 ug/l
RT: 3.71 min Scan# 312
Delta R.T. 0.01 min
Lab File: VF061338.D
Acq: 10 Jan 2019 12:10

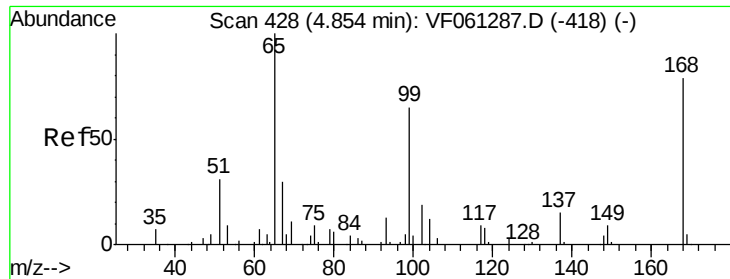
Tot Ion	56	Resp	190297
Ion Ratio	100	Lower	Upper
69	30.1	24.7	37.1
84	90.7	72.2	108.4



#32
1,1,1-Trichloroethane
Concen: 46.703 ug/l
RT: 4.10 min Scan# 352
Delta R.T. -0.00 min
Lab File: VF061338.D
Acq: 10 Jan 2019 12:10

Tgt Ion	97	Resp	194272
Ion Ratio	100	Lower	Upper
99	63.8	52.7	79.1
61	51.1	40.8	61.2





#33

1,2-Dichloroethane-d4

Concen: 49.431 ug/l

RT: 4.85 min Scan# 428

Delta R.T. -0.00 min

Lab File: VF061338.D

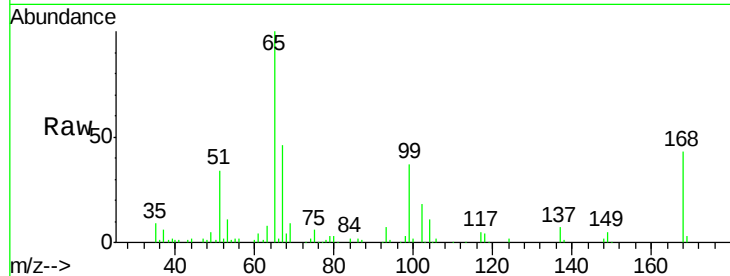
Acq: 10 Jan 2019 12:10

Tot Ion: 65 Resp: 103836

Ion Ratio Lower Upper

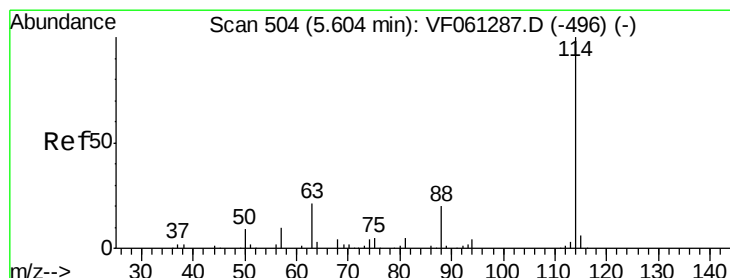
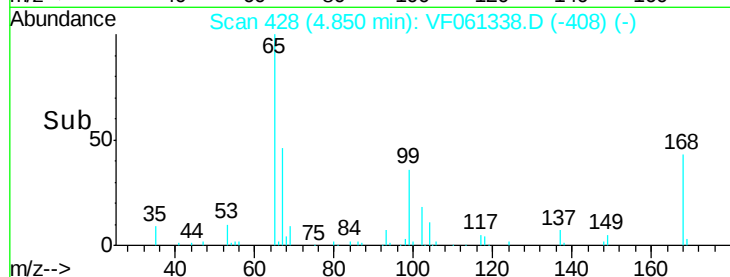
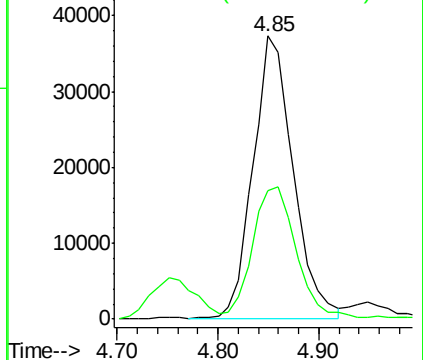
65 100

67 45.6 0.0 98.2



Abundance Ion 65.00 (64.70 to 65.70): VF0

Ion 67.00 (66.70 to 67.70): VF0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.61 min Scan# 505

Delta R.T. 0.01 min

Lab File: VF061338.D

Acq: 10 Jan 2019 12:10

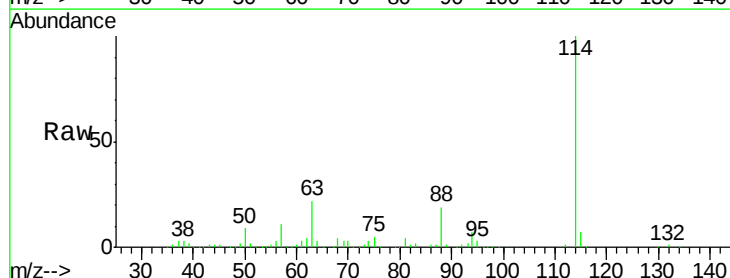
Tgt Ion: 114 Resp: 319689

Ion Ratio Lower Upper

114 100

63 21.5 0.0 42.8

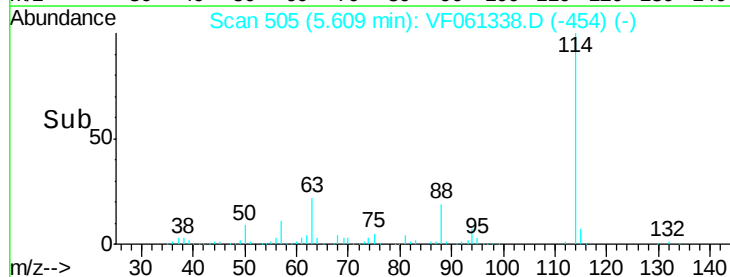
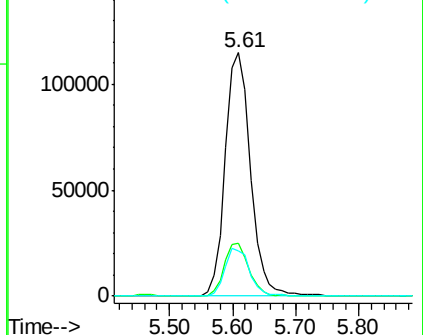
88 18.6 0.0 40.0

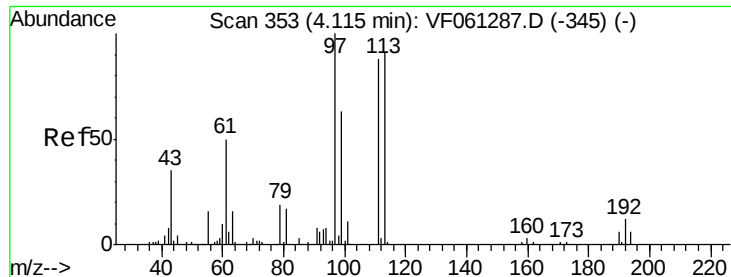


Abundance Ion 114.00 (113.70 to 114.70): V

Ion 63.00 (62.70 to 63.70): VF0

Ion 88.00 (87.70 to 88.70): VF0





#35

Dibromofluoromethane

Concen: 47.992 ug/l

RT: 4.12 min Scan# 354

Delta R.T. 0.01 min

Lab File: VF061338.D

Acq: 10 Jan 2019 12:10

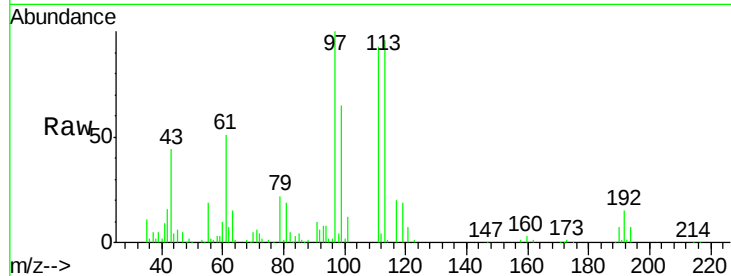
Tot Ion:113 Resp: 117396

Ion Ratio Lower Upper

113 100

111 97.4 78.0 117.0

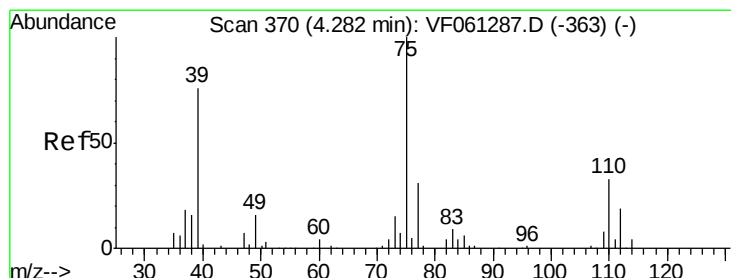
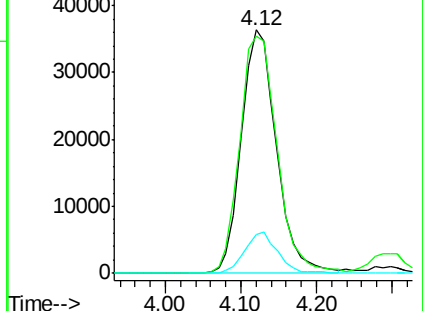
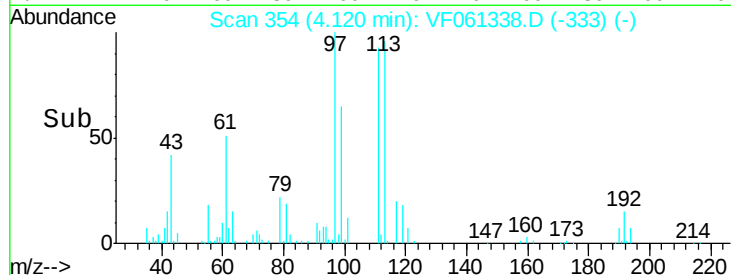
192 16.8 10.6 16.0#



Abundance Ion 113.00 (112.70 to 113.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 192.00 (191.70 to 192.70): V



#36

1,1-Dichloropropene

Concen: 47.966 ug/l

RT: 4.29 min Scan# 371

Delta R.T. 0.01 min

Lab File: VF061338.D

Acq: 10 Jan 2019 12:10

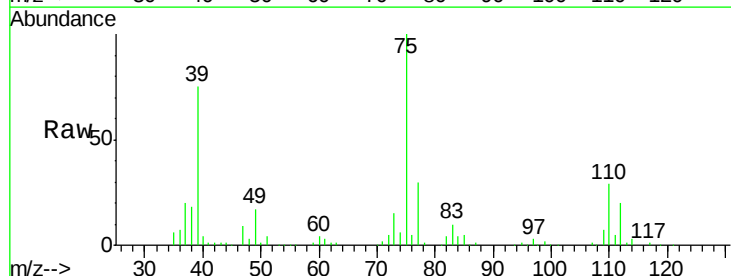
Tgt Ion: 75 Resp: 179064

Ion Ratio Lower Upper

75 100

110 29.4 16.6 49.8

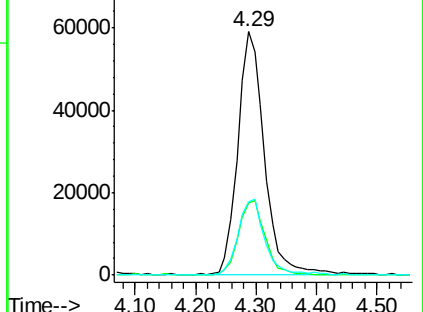
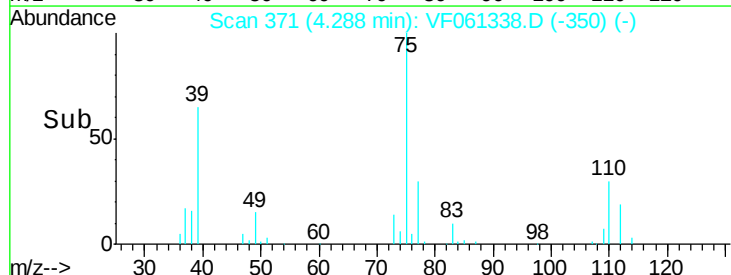
77 30.2 25.1 37.7

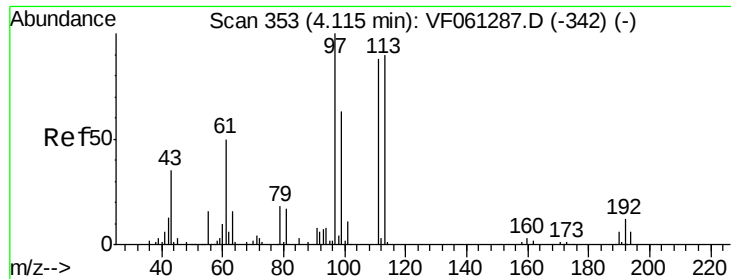


Abundance Ion 75.00 (74.70 to 75.70): VF0

Ion 110.00 (109.70 to 110.70): V

Ion 77.00 (76.70 to 77.70): VF0





#37

Ethyl Acetate

Concen: 48.822 ug/l

RT: 4.12 min Scan# 354

Delta R.T. 0.01 min

Lab File: VF061338.D

Acq: 10 Jan 2019 12:10

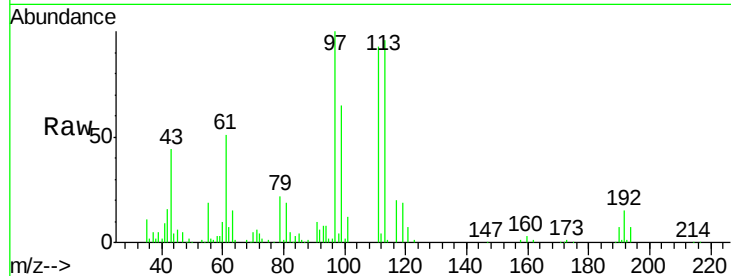
Tot Ion: 43 Resp: 66373

Ion Ratio Lower Upper

43 100

61 117.8 113.3 169.9

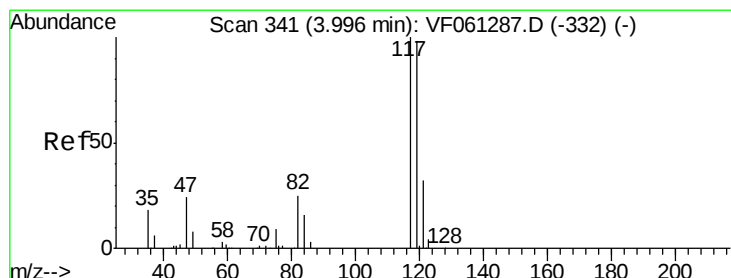
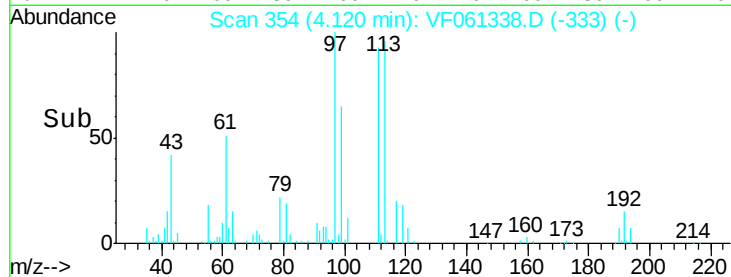
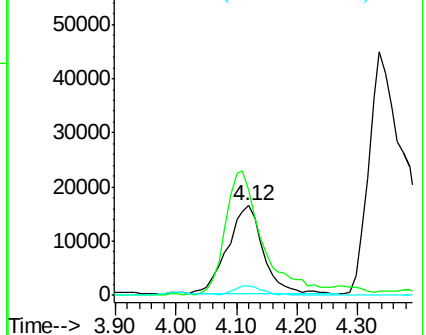
70 11.0 9.4 14.0



Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 61.00 (60.70 to 61.70): VF0

Ion 70.00 (69.70 to 70.70): VF0



#38

Carbon Tetrachloride

Concen: 46.189 ug/l

RT: 4.00 min Scan# 342

Delta R.T. 0.01 min

Lab File: VF061338.D

Acq: 10 Jan 2019 12:10

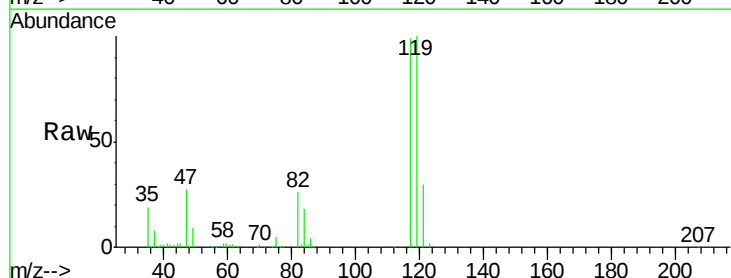
Tgt Ion: 117 Resp: 163311

Ion Ratio Lower Upper

117 100

119 101.2 78.5 117.7

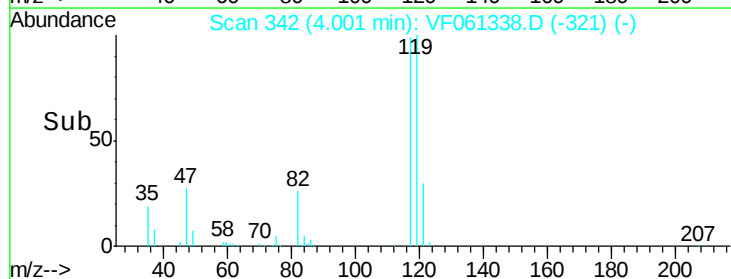
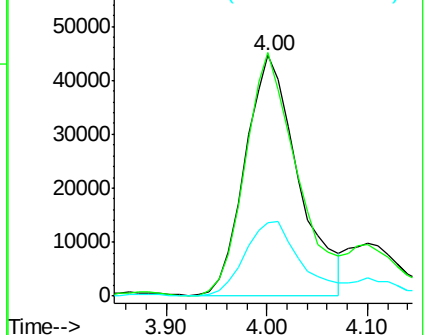
121 30.7 25.3 37.9

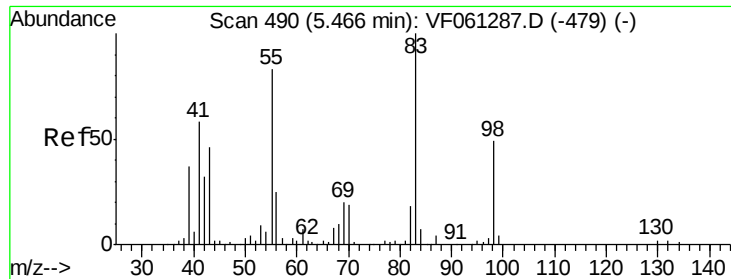


Abundance Ion 117.00 (116.70 to 117.70): V

Ion 119.00 (118.70 to 119.70): V

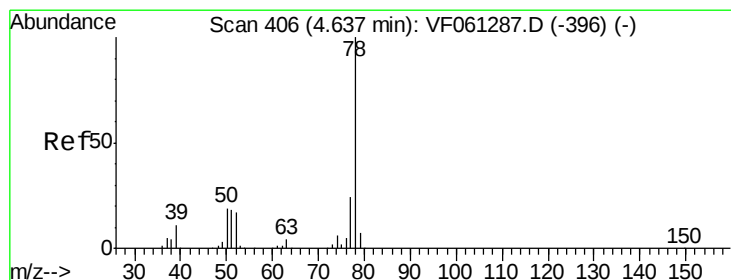
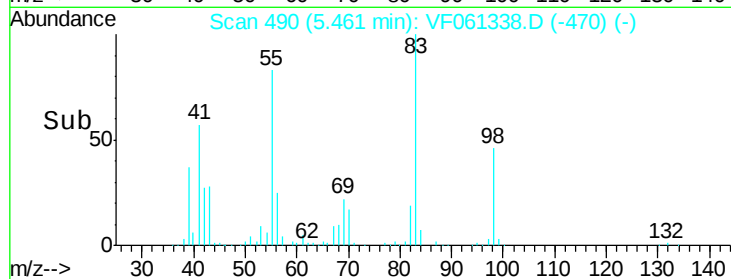
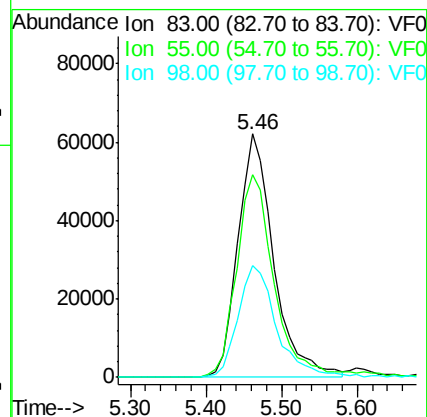
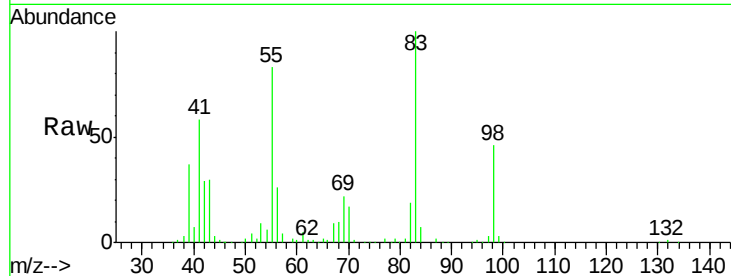
Ion 121.00 (120.70 to 121.70): V





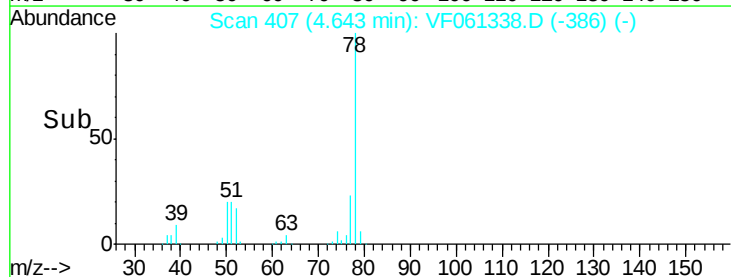
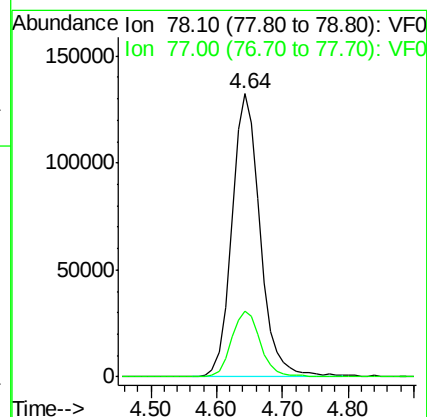
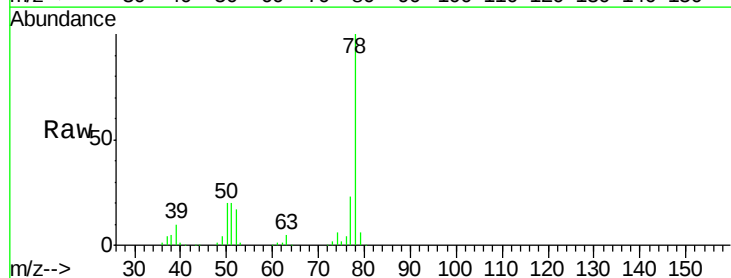
#39
Methvlcvclohexane
Concen: 43.528 ug/l
RT: 5.46 min Scan# 490
Delta R.T. -0.00 min
Lab File: VF061338.D
Acq: 10 Jan 2019 12:10

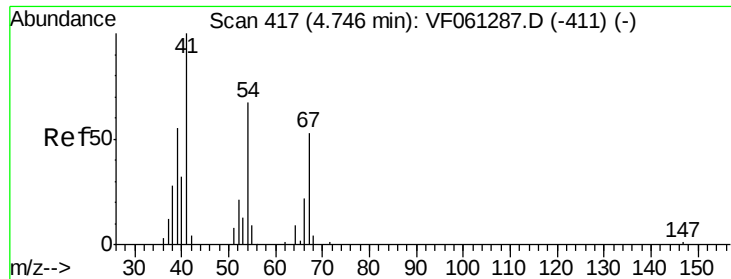
Tot Ion	83.00	Resp	203327
Ion	Ratio	Lower	Upper
83	100		
55	83.4	66.4	99.6
98	46.2	39.1	58.7



#40
Benzene
Concen: 45.588 ug/l
RT: 4.64 min Scan# 407
Delta R.T. 0.01 min
Lab File: VF061338.D
Acq: 10 Jan 2019 12:10

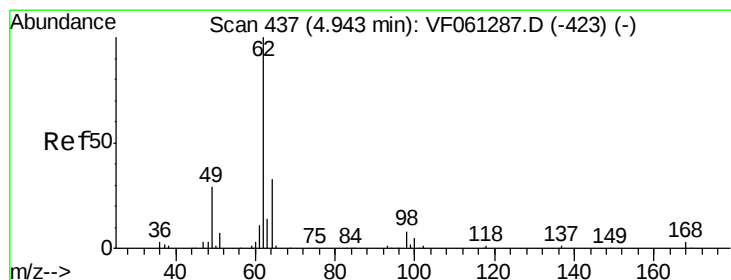
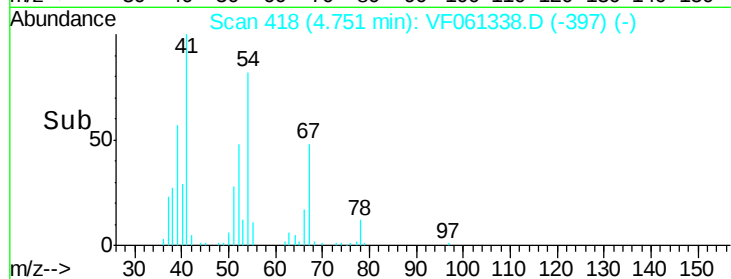
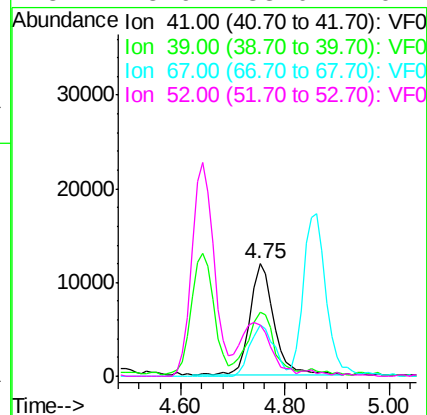
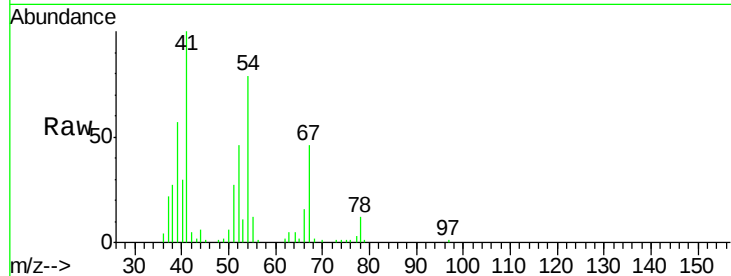
Tgt Ion	78	Resp	397330
Ion	Ratio	Lower	Upper
78	100		
77	23.1	19.1	28.7





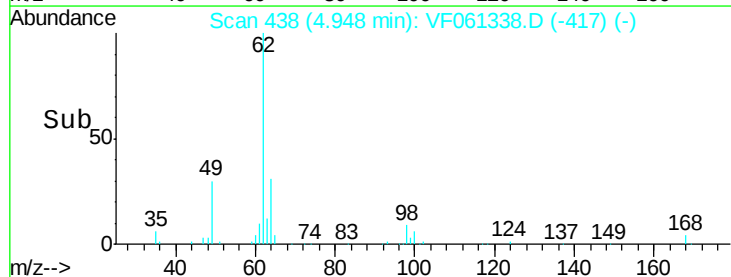
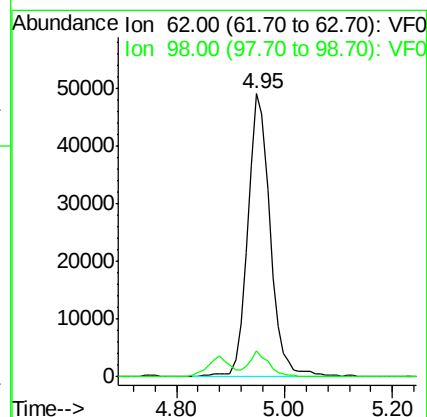
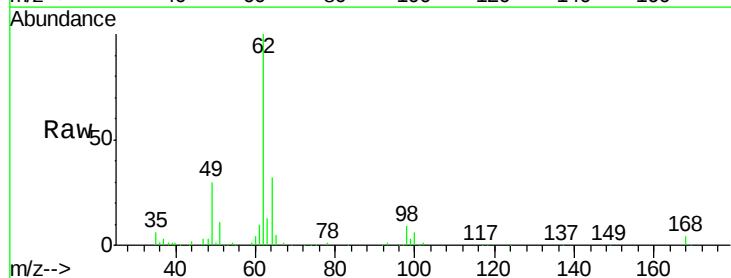
#41
Methacrylonitrile
Concen: 49.089 ug/l
RT: 4.75 min Scan# 418
Delta R.T. 0.01 min
Lab File: VF061338.D
Acq: 10 Jan 2019 12:10

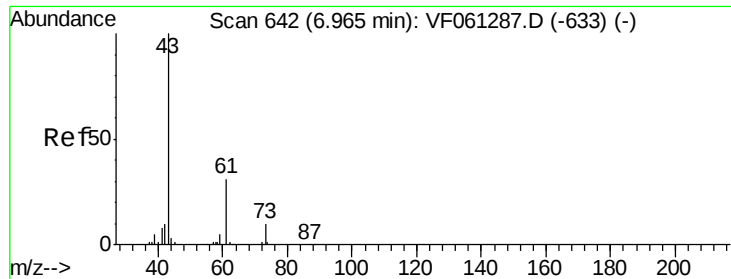
Tot Ion: 41 Resp: 37268
Ion Ratio Lower Upper
41 100
39 56.6 52.7 79.1
67 45.8 41.4 62.2
52 45.9 33.0 49.4



#42
1,2-Dichloroethane
Concen: 52.123 ug/l
RT: 4.95 min Scan# 438
Delta R.T. 0.01 min
Lab File: VF061338.D
Acq: 10 Jan 2019 12:10

Tgt Ion: 62 Resp: 141437
Ion Ratio Lower Upper
62 100
98 9.2 0.0 16.8

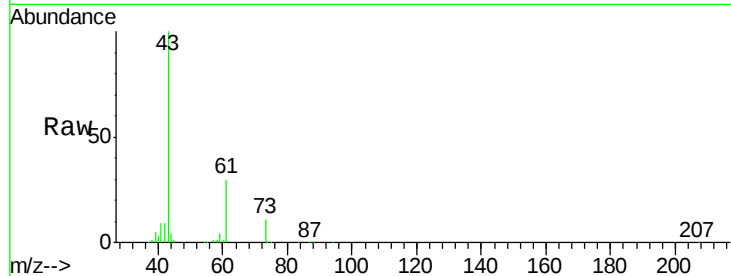




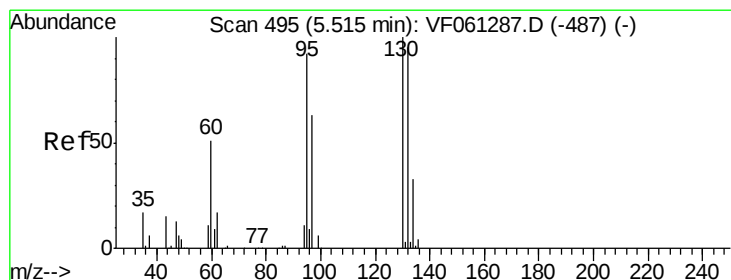
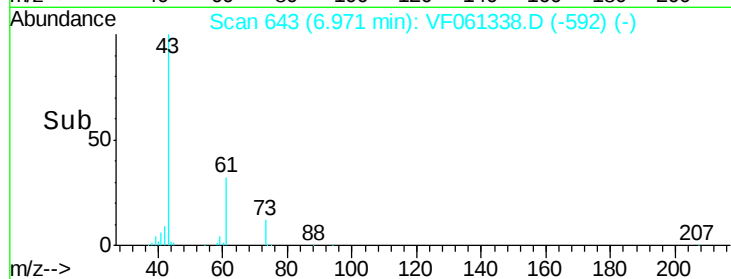
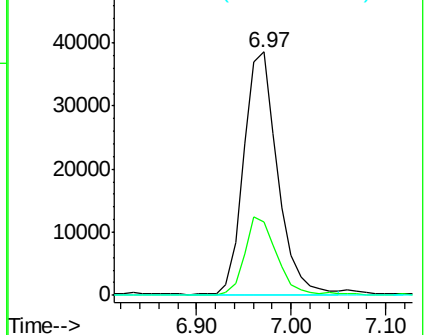
#43

Isopropyl Acetate
 Concen: 53.217 ug/l
 RT: 6.97 min Scan# 643
 Delta R.T. 0.01 min
 Lab File: VF061338.D
 Acq: 10 Jan 2019 12:10

Tot Ion: 43 Resp: 95516
 Ion Ratio Lower Upper
 43 100
 61 30.0 24.3 36.5
 87 0.3 0.2 0.4



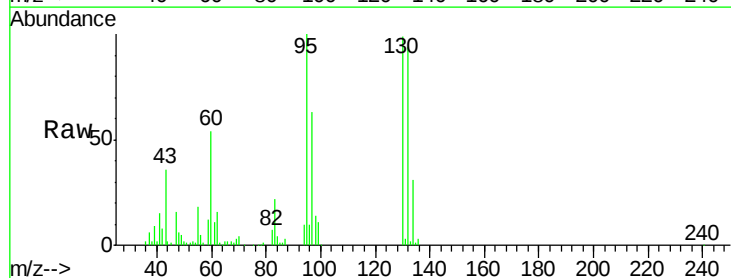
Abundance Ion 43.00 (42.70 to 43.70): VF0
 Ion 61.00 (60.70 to 61.70): VF0
 Ion 87.00 (86.70 to 87.70): VF0



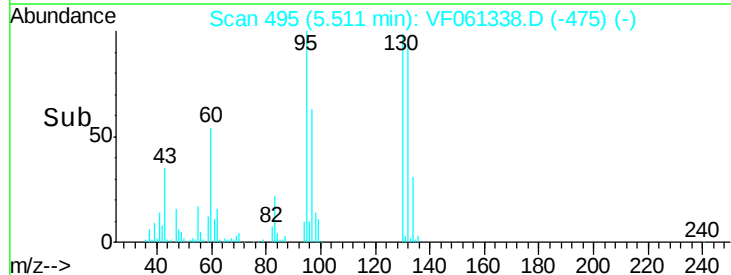
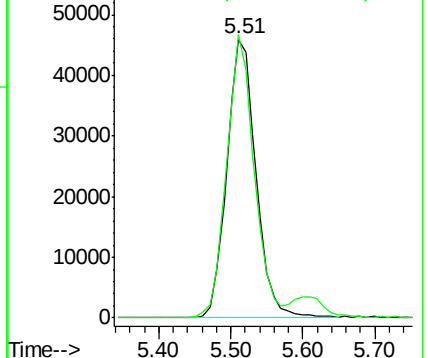
#44

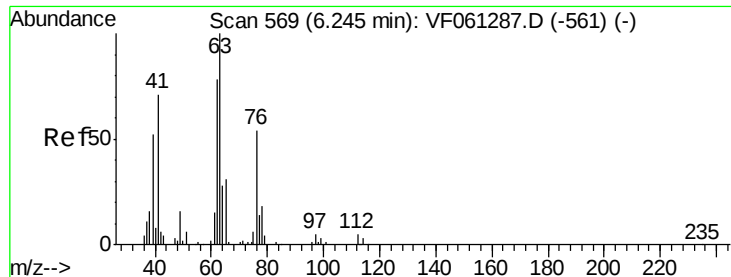
Trichloroethene
 Concen: 50.575 ug/l
 RT: 5.51 min Scan# 495
 Delta R.T. -0.00 min
 Lab File: VF061338.D
 Acq: 10 Jan 2019 12:10

Tgt Ion: 130 Resp: 129002
 Ion Ratio Lower Upper
 130 100
 95 101.5 0.0 184.4



Abundance Ion 129.90 (129.60 to 130.60): V
 Ion 94.90 (94.60 to 95.60): VF0





#45

1,2-Dichloropropane

Concen: 50.745 ug/l

RT: 6.24 min Scan# 569

Delta R.T. -0.00 min

Lab File: VF061338.D

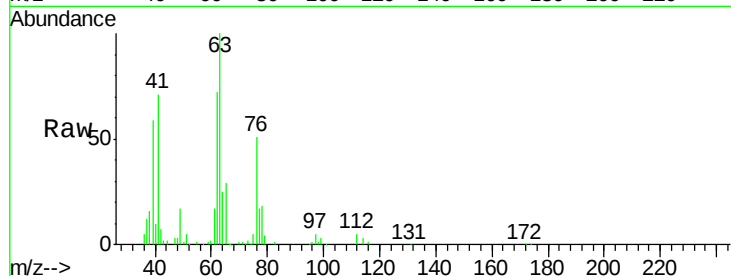
Acq: 10 Jan 2019 12:10

Tot Ion: 63 Resp: 112471

Ion Ratio Lower Upper

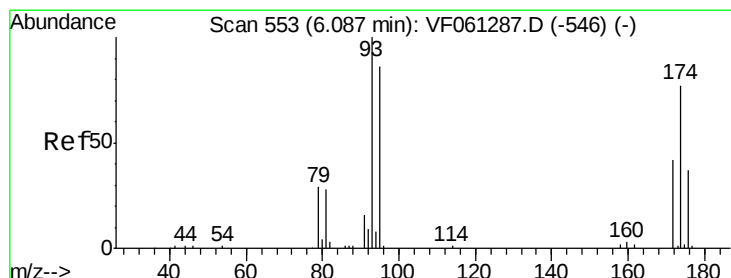
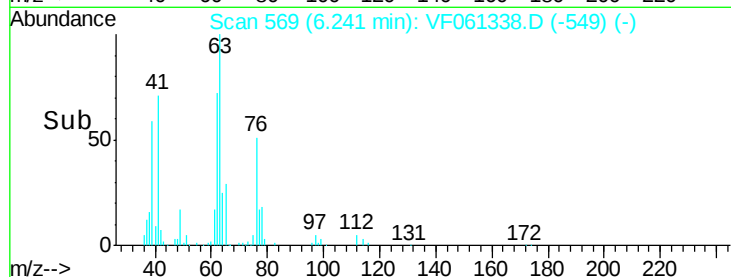
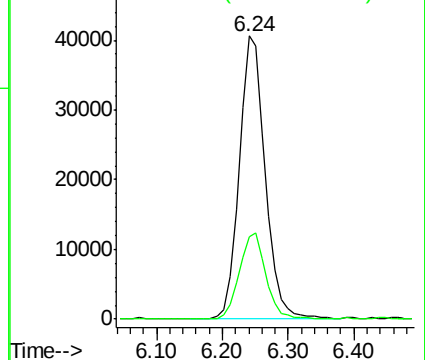
63 100

65 29.3 25.1 37.7



Abundance Ion 63.00 (62.70 to 63.70): VF0

Ion 65.00 (64.70 to 65.70): VF0



#46

Dibromomethane

Concen: 51.337 ug/l

RT: 6.09 min Scan# 554

Delta R.T. 0.01 min

Lab File: VF061338.D

Acq: 10 Jan 2019 12:10

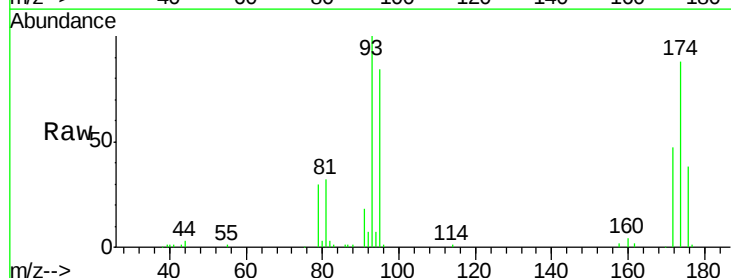
Tgt Ion: 93 Resp: 69861

Ion Ratio Lower Upper

93 100

95 83.8 68.8 103.2

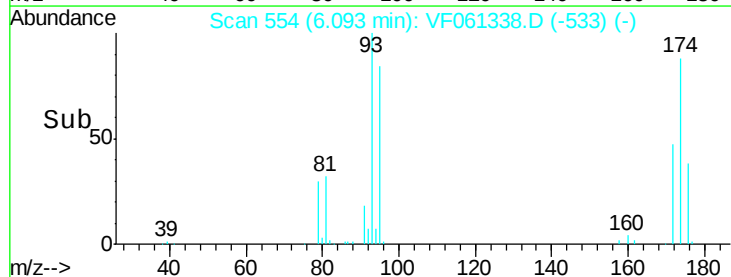
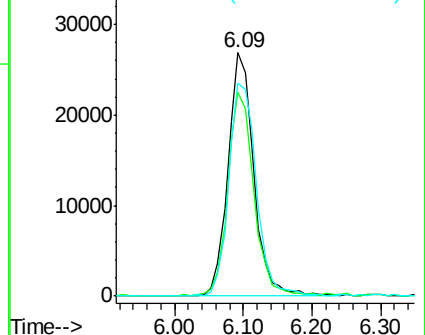
174 87.5 62.9 94.3

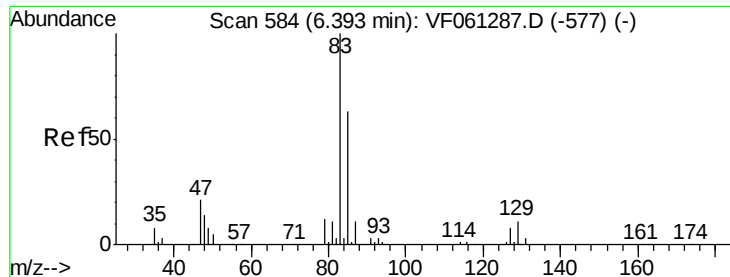


Abundance Ion 93.00 (92.70 to 93.70): VF0

Ion 95.00 (94.70 to 95.70): VF0

Ion 174.00 (173.70 to 174.70): V





#47

Bromodichloromethane

Concen: 52.423 ug/l

RT: 6.40 min Scan# 585

Delta R.T. 0.01 min

Lab File: VF061338.D

Acq: 10 Jan 2019 12:10

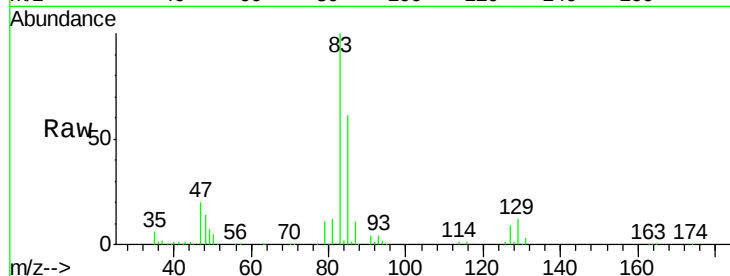
Tot Ion: 83 Resp: 177424

Ion	Ratio	Lower	Upper
83	100		
85	60.7	50.4	75.6
127	8.7	6.4	9.6

83 100

85 60.7 50.4 75.6

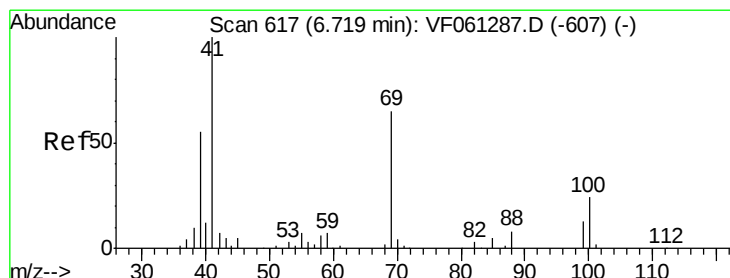
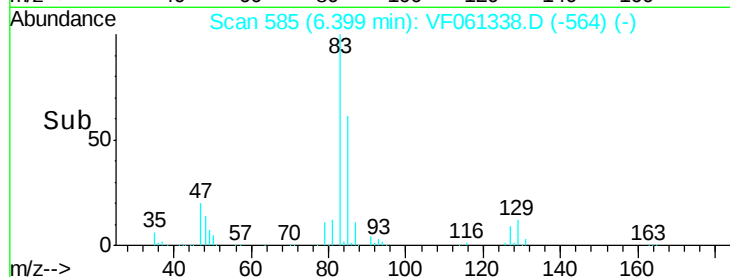
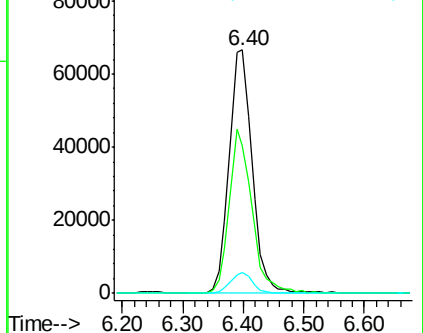
127 8.7 6.4 9.6



Abundance Ion 83.00 (82.70 to 83.70): VF0

Ion 85.00 (84.70 to 85.70): VF0

Ion 127.00 (126.70 to 127.70): V



#48

Methyl methacrylate

Concen: 55.099 ug/l

RT: 6.72 min Scan# 618

Delta R.T. 0.01 min

Lab File: VF061338.D

Acq: 10 Jan 2019 12:10

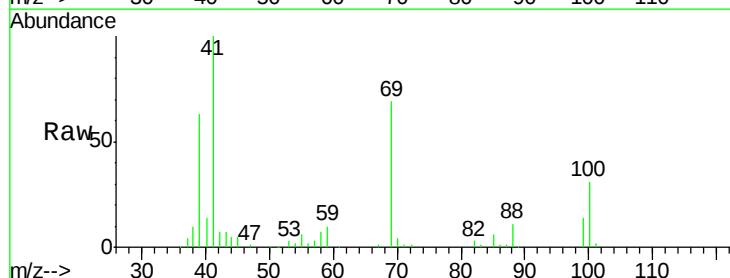
Tgt Ion: 41 Resp: 64192

Ion	Ratio	Lower	Upper
41	100		
69	68.6	51.5	77.3
39	63.4	44.1	66.1

41 100

69 68.6 51.5 77.3

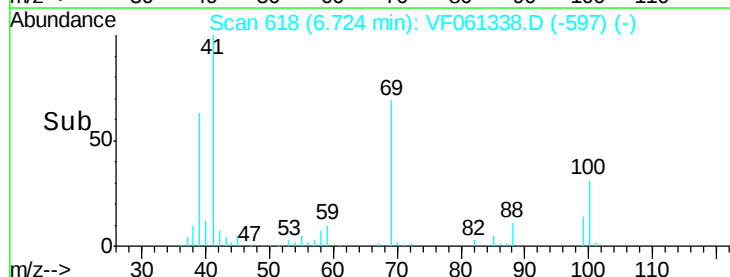
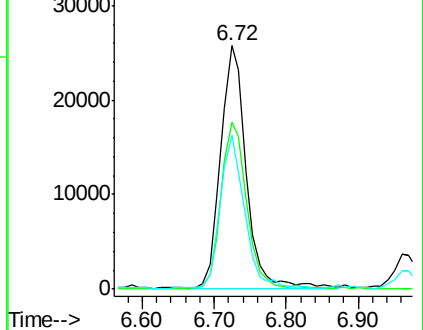
39 63.4 44.1 66.1

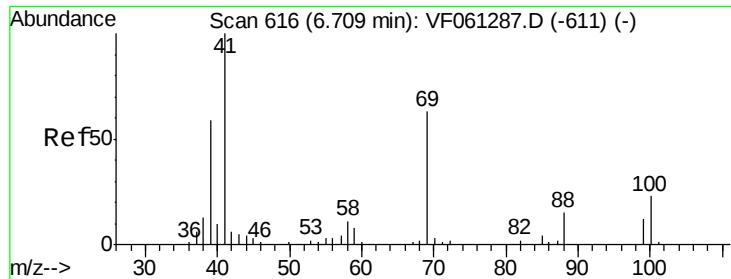


Abundance Ion 41.00 (40.70 to 41.70): VF0

Ion 69.00 (68.70 to 69.70): VF0

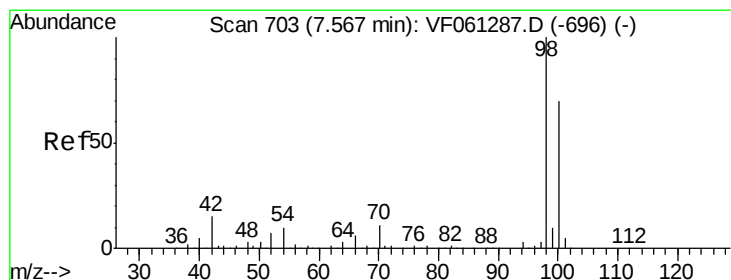
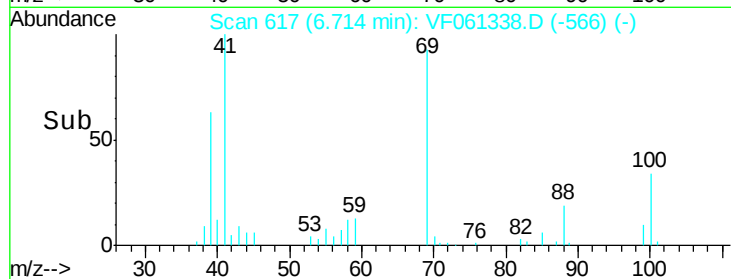
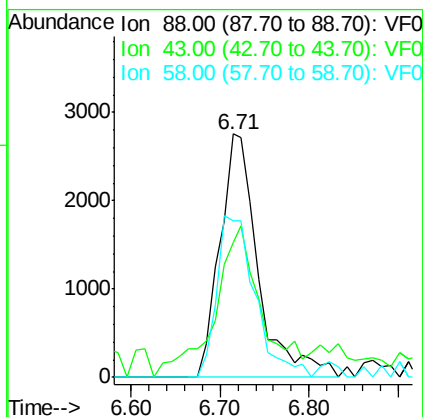
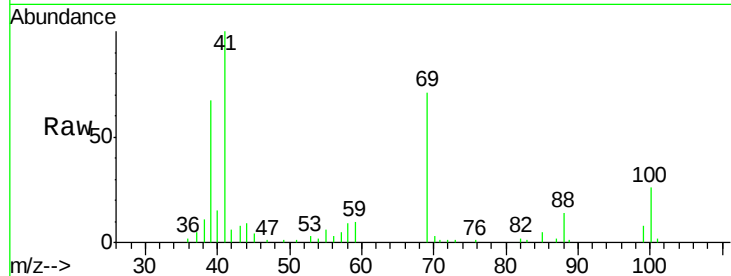
Ion 39.00 (38.70 to 39.70): VF0





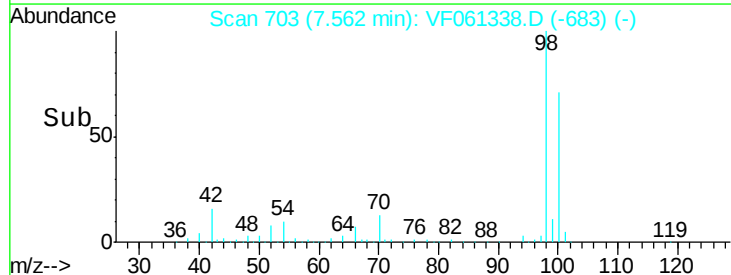
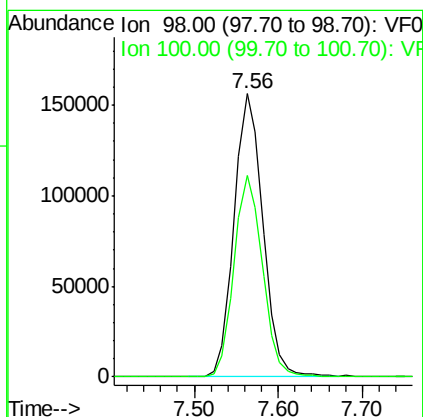
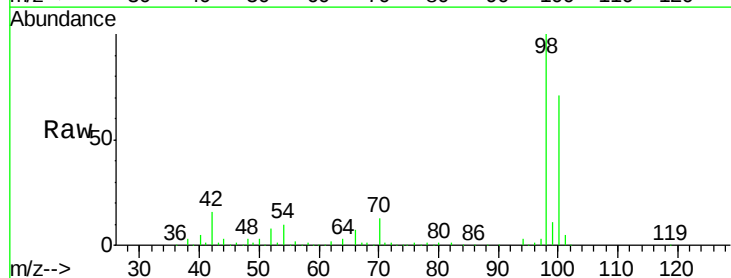
#49
1,4-Dioxane
Concen: 1133.158 ug/l
RT: 6.71 min Scan# 617
Delta R.T. 0.01 min
Lab File: VF061338.D
Acq: 10 Jan 2019 12:10

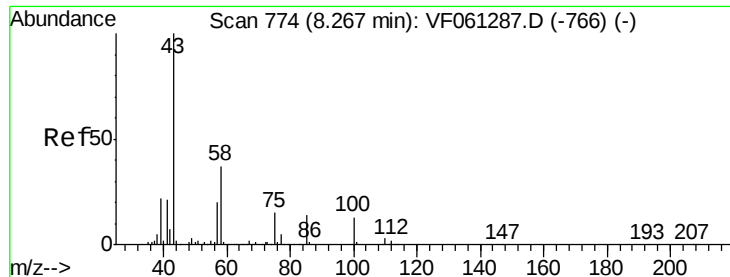
Tot Ion: 88 Resp: 8330
Ion Ratio Lower Upper
88 100
43 55.4 38.5 57.7
58 64.1 57.0 85.4



#50
Toluene-d8
Concen: 51.712 ug/l
RT: 7.56 min Scan# 703
Delta R.T. -0.00 min
Lab File: VF061338.D
Acq: 10 Jan 2019 12:10

Tgt Ion: 98 Resp: 374330
Ion Ratio Lower Upper
98 100
100 71.2 55.6 83.4





#51

4-Methyl-2-Pentanone

Concen: 245.880 ug/l

RT: 8.26 min Scan# 774

Delta R.T. -0.00 min

Lab File: VF061338.D

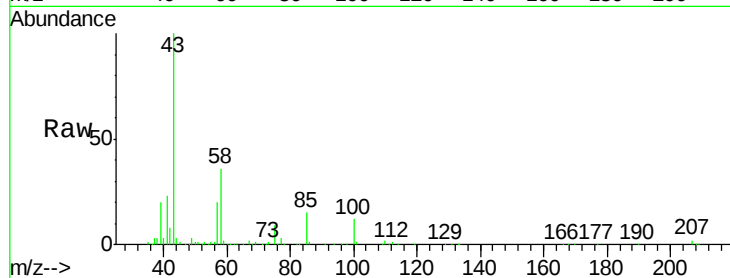
Acq: 10 Jan 2019 12:10

Tot Ion: 43 Resp: 333105

Ion Ratio Lower Upper

43 100

58 35.7 29.6 44.4



Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 58.00 (57.70 to 58.70): VF0

150000

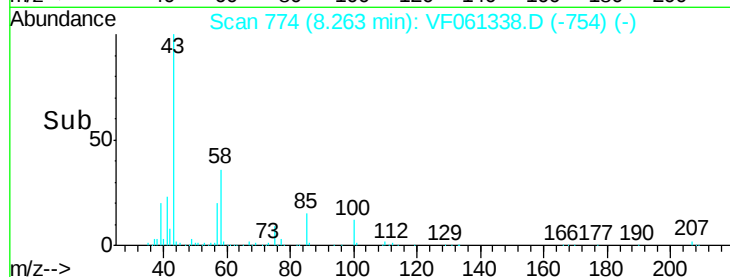
100000

50000

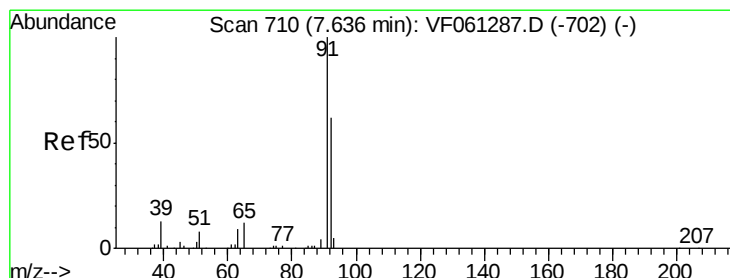
0

8.26

8.10 8.20 8.30 8.40



Time-->



#52

Toluene

Concen: 51.443 ug/l

RT: 7.63 min Scan# 710

Delta R.T. -0.00 min

Lab File: VF061338.D

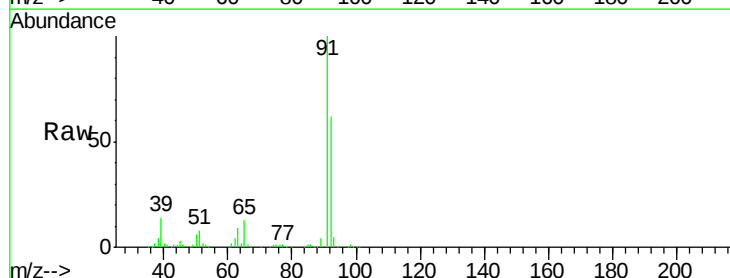
Acq: 10 Jan 2019 12:10

Tgt Ion: 92 Resp: 288186

Ion Ratio Lower Upper

92 100

91 161.3 129.2 193.8



Abundance Ion 92.00 (91.70 to 92.70): VF0

Ion 91.00 (90.70 to 91.70): VF0

200000

150000

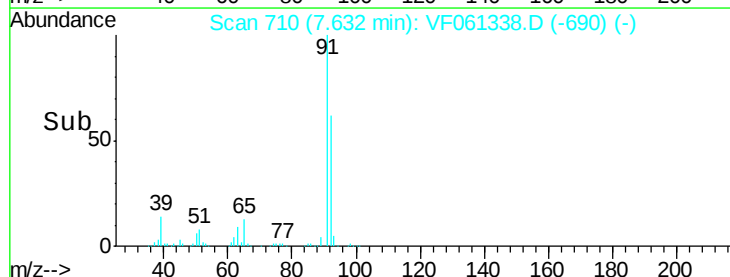
100000

50000

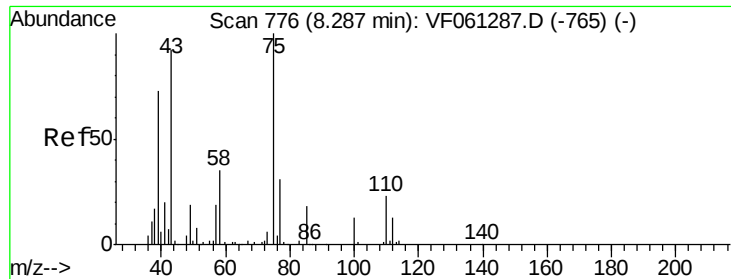
0

7.63

7.50 7.60 7.70 7.80

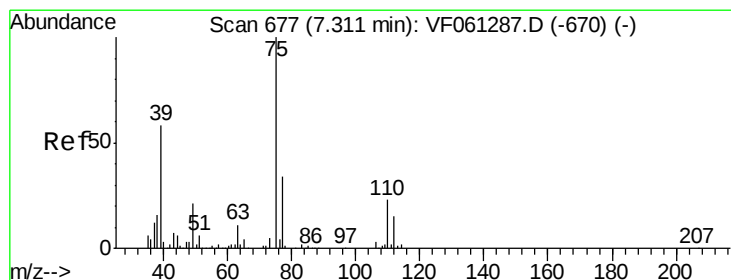
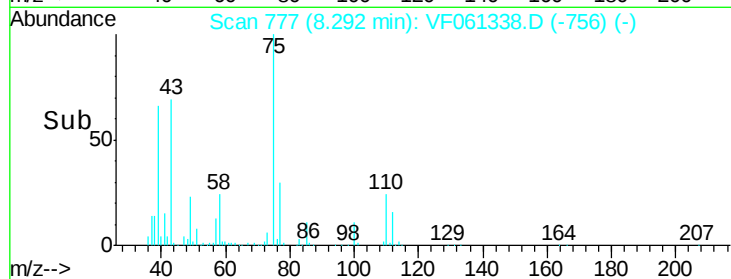
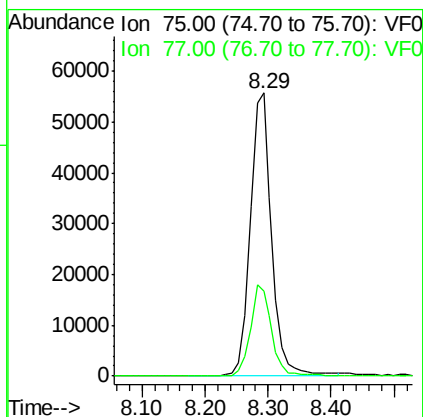
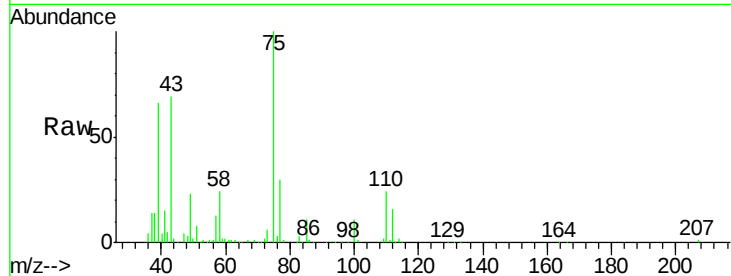


Time-->



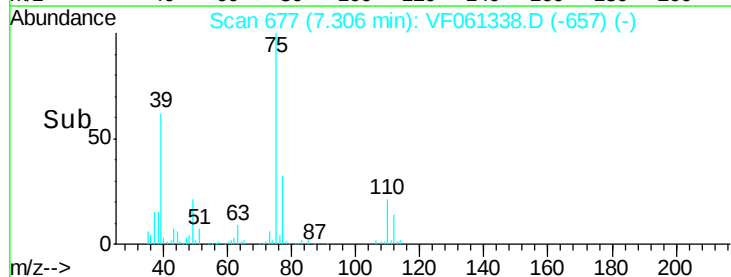
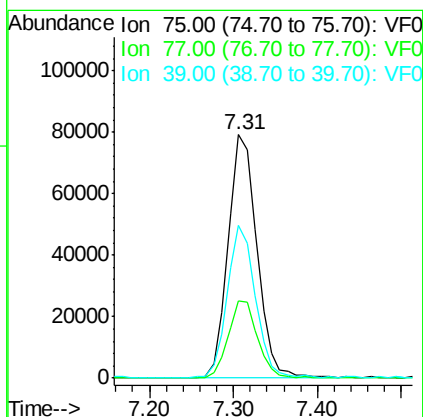
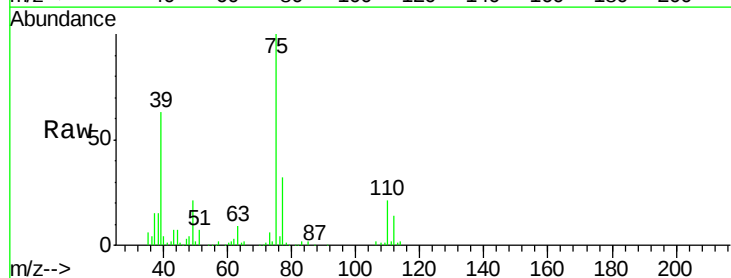
#53
 t-1,3-Dichloropropene
 Concen: 49.761 ug/l
 RT: 8.29 min Scan# 777
 Delta R.T. 0.01 min
 Lab File: VF061338.D
 Acq: 10 Jan 2019 12:10

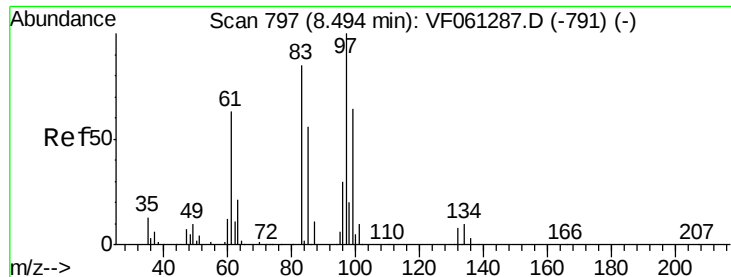
Tot Ion: 75 Resp: 132258
 Ion Ratio Lower Upper
 75 100
 77 30.1 24.7 37.1



#54
 cis-1,3-Dichloropropene
 Concen: 53.915 ug/l
 RT: 7.31 min Scan# 677
 Delta R.T. -0.00 min
 Lab File: VF061338.D
 Acq: 10 Jan 2019 12:10

Tgt Ion: 75 Resp: 190003
 Ion Ratio Lower Upper
 75 100
 77 31.7 27.3 40.9
 39 62.8 46.3 69.5





#55

1,1,2-Trichloroethane

Concen: 49.438 ug/l

RT: 8.50 min Scan# 798

Delta R.T. 0.01 min

Lab File: VF061338.D

Acq: 10 Jan 2019 12:10

Tot Ion: 97 Resp: 77501

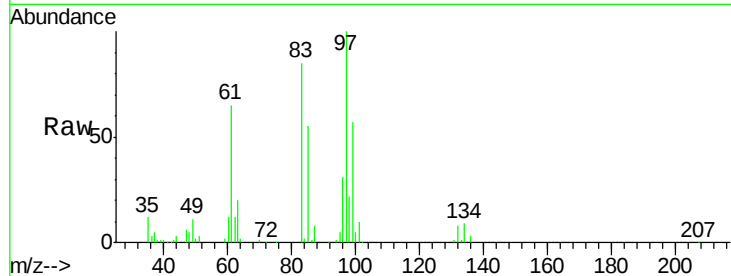
Ion	Ratio	Lower	Upper
97	100		
83	84.7	67.8	101.6
85	54.5	45.1	67.7
99	57.2	51.0	76.6

97 100

83 84.7 67.8 101.6

85 54.5 45.1 67.7

99 57.2 51.0 76.6

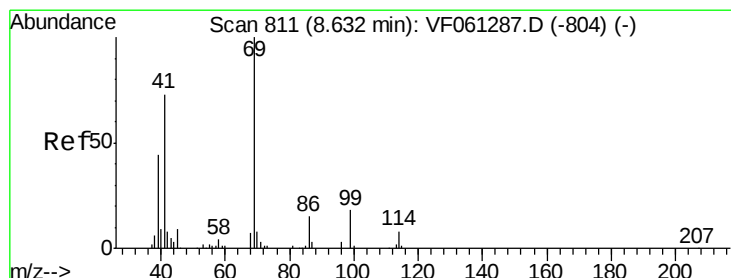
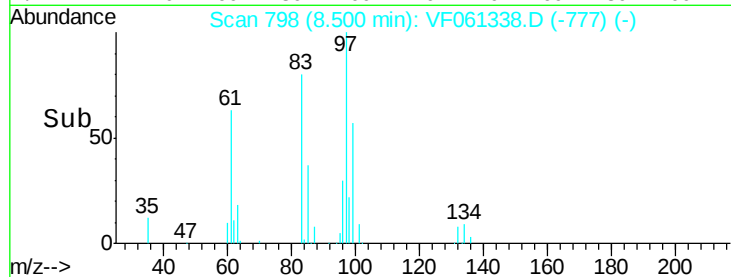
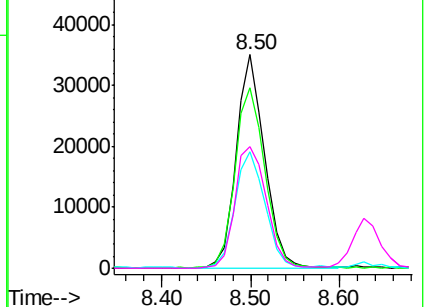


Abundance Ion 97.00 (96.70 to 97.70): VF0

Ion 82.95 (82.65 to 83.65): VF0

Ion 84.95 (84.65 to 85.65): VF0

Ion 98.95 (98.65 to 99.65): VF0



#56

Ethyl methacrylate

Concen: 51.179 ug/l

RT: 8.63 min Scan# 811

Delta R.T. -0.00 min

Lab File: VF061338.D

Acq: 10 Jan 2019 12:10

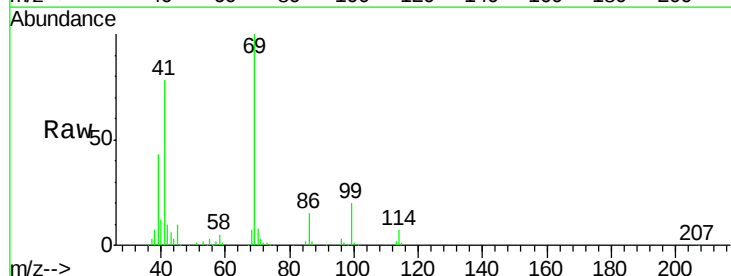
Tgt Ion: 69 Resp: 89667

Ion	Ratio	Lower	Upper
69	100		
41	77.6	59.0	88.4
39	42.5	35.3	52.9

69 100

41 77.6 59.0 88.4

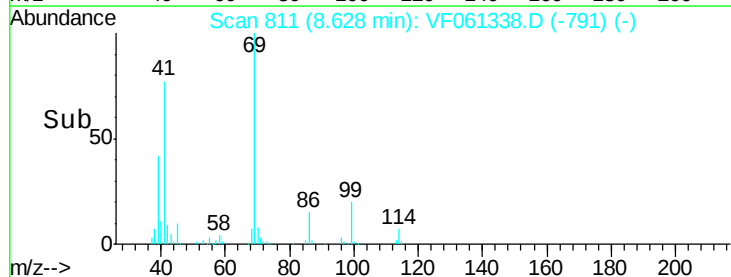
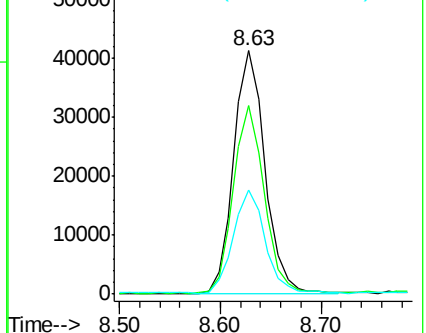
39 42.5 35.3 52.9

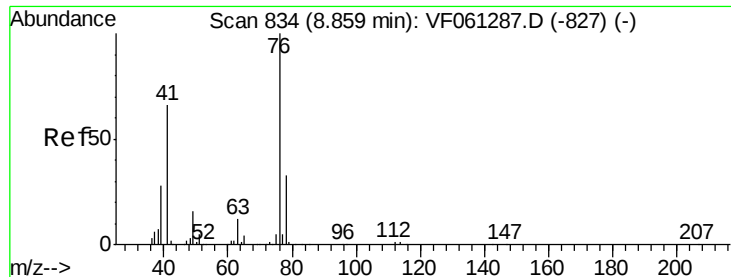


Abundance Ion 69.00 (68.70 to 69.70): VF0

Ion 41.00 (40.70 to 41.70): VF0

Ion 39.00 (38.70 to 39.70): VF0





#57

1,3-Dichloropropane

Concen: 52.387 ug/l

RT: 8.86 min Scan# 835

Delta R.T. 0.01 min

Lab File: VF061338.D

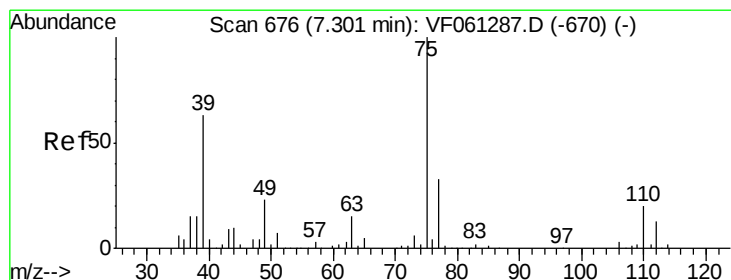
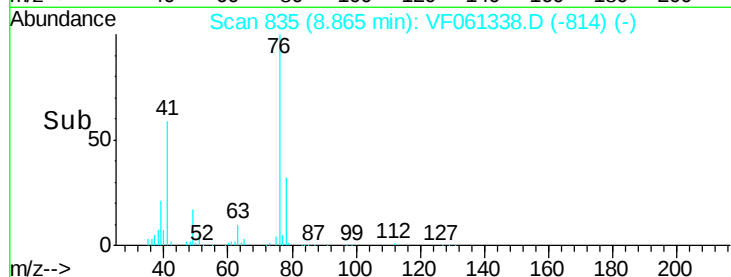
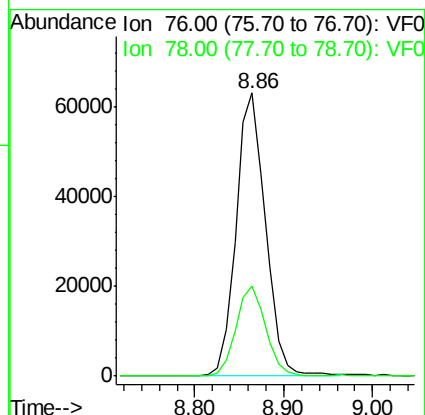
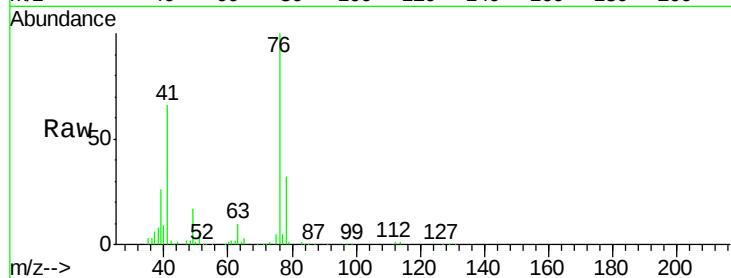
Acq: 10 Jan 2019 12:10

Tot Ion: 76 Resp: 145338

Ion Ratio Lower Upper

76 100

78 31.8 26.8 40.2



#58

2-Chloroethyl Vinyl ether

Concen: 205.028 ug/l

RT: 7.31 min Scan# 677

Delta R.T. 0.01 min

Lab File: VF061338.D

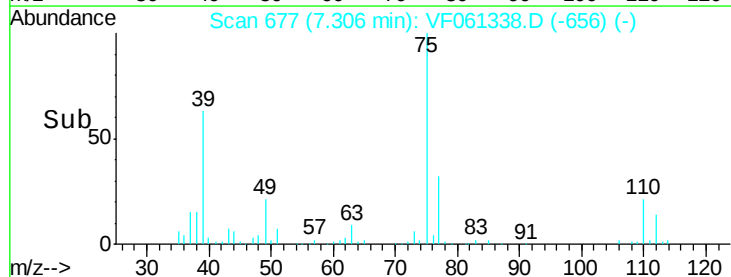
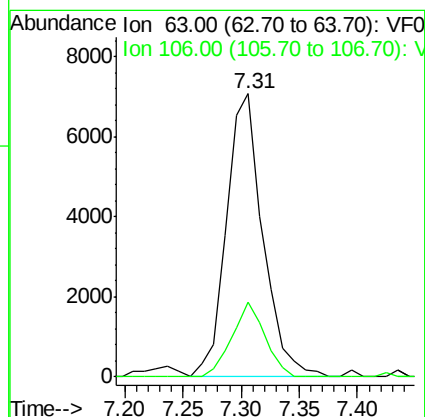
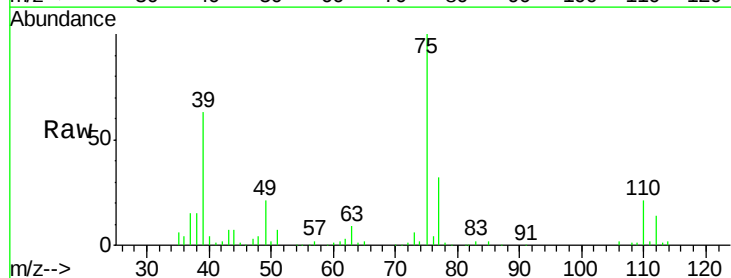
Acq: 10 Jan 2019 12:10

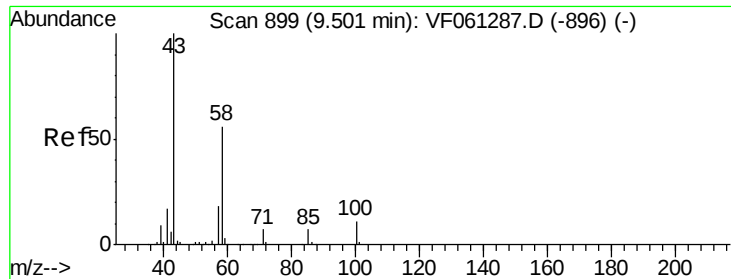
Tgt Ion: 63 Resp: 15308

Ion Ratio Lower Upper

63 100

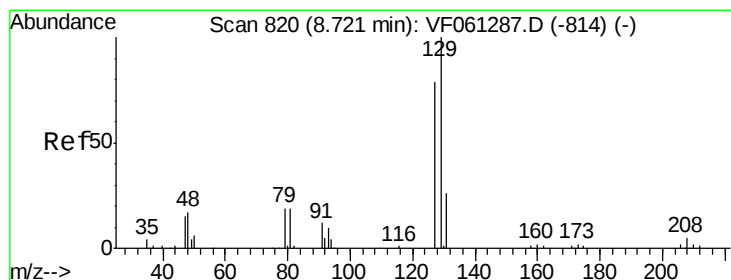
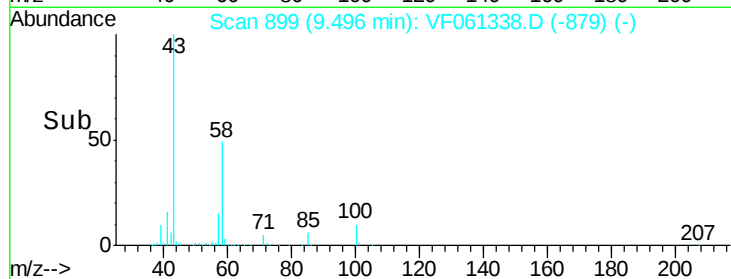
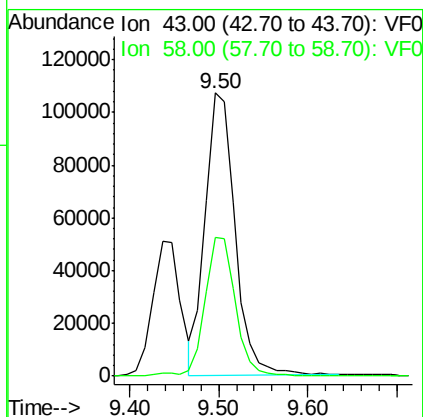
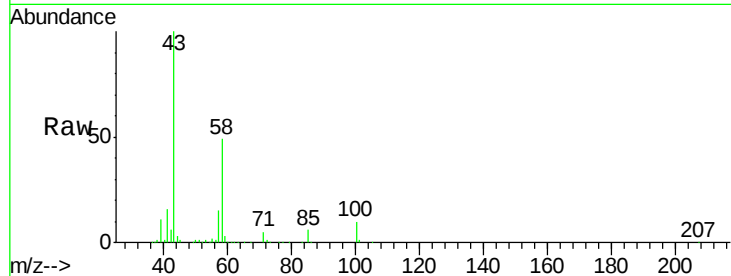
106 26.4 16.5 24.7#





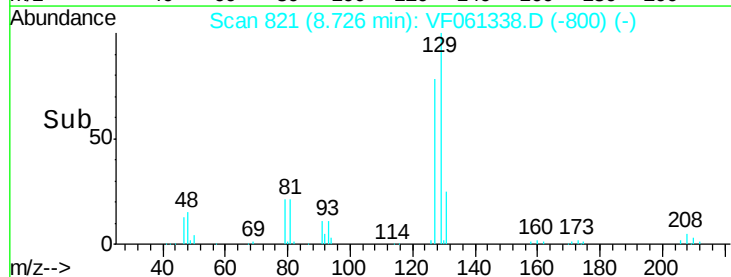
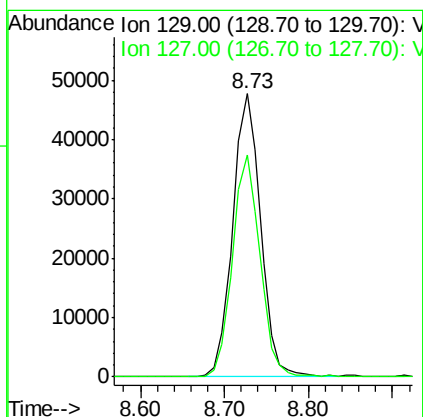
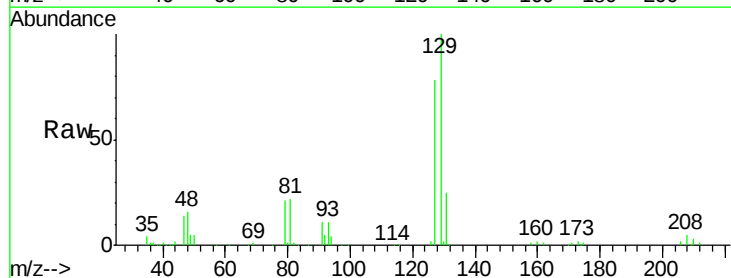
#59
2-Hexanone
Concen: 258.545 ug/l
RT: 9.50 min Scan# 899
Delta R.T. -0.00 min
Lab File: VF061338.D
Acq: 10 Jan 2019 12:10

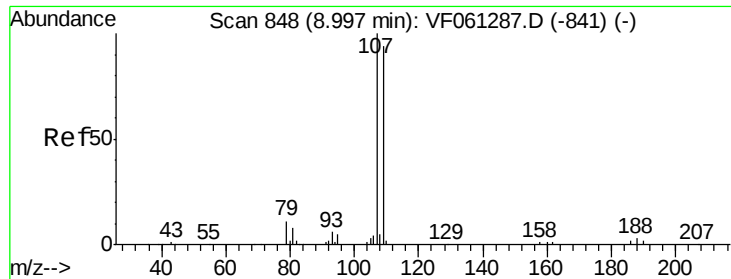
Tot Ion: 43 Resp: 248144
Ion Ratio Lower Upper
43 100
58 49.2 25.6 76.8



#60
Dibromochloromethane
Concen: 52.880 ug/l
RT: 8.73 min Scan# 821
Delta R.T. 0.01 min
Lab File: VF061338.D
Acq: 10 Jan 2019 12:10

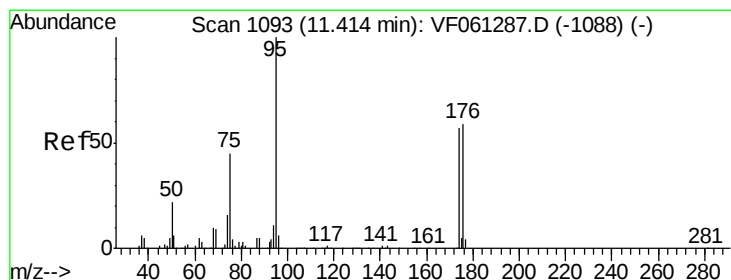
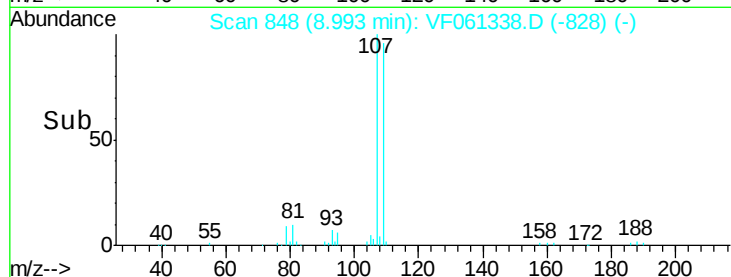
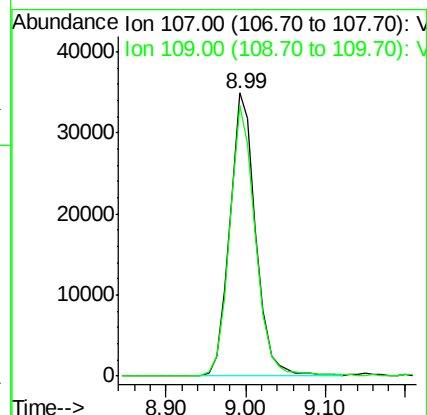
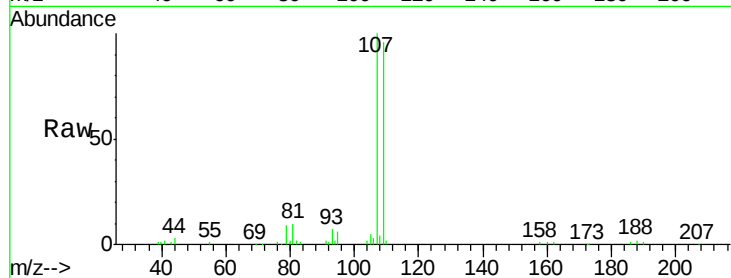
Tgt Ion: 129 Resp: 110382
Ion Ratio Lower Upper
129 100
127 78.5 39.4 118.1





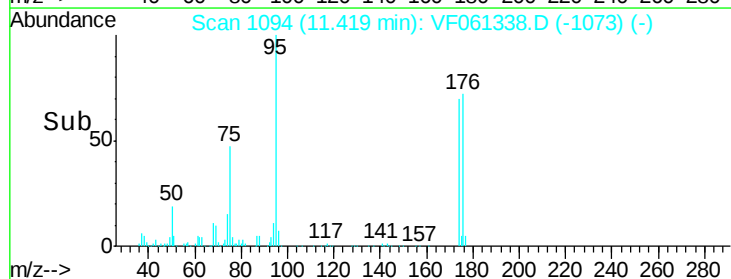
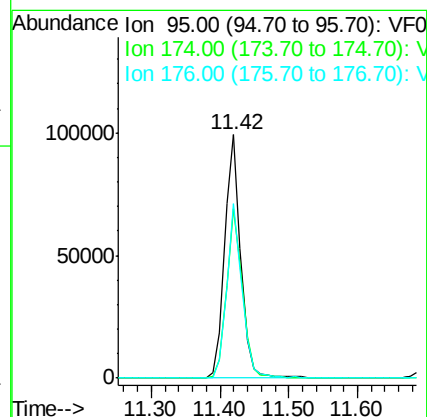
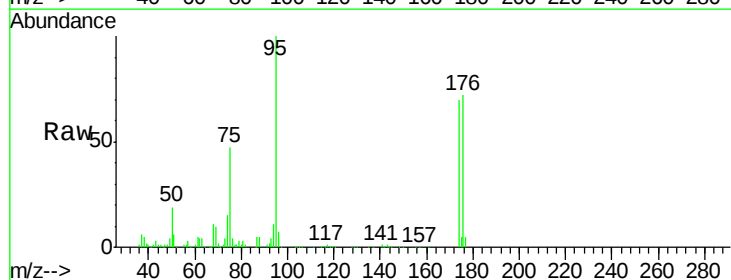
#61
 1,2-Dibromoethane
 Concen: 50.119 ug/l
 RT: 8.99 min Scan# 848
 Delta R.T. -0.00 min
 Lab File: VF061338.D
 Acq: 10 Jan 2019 12:10

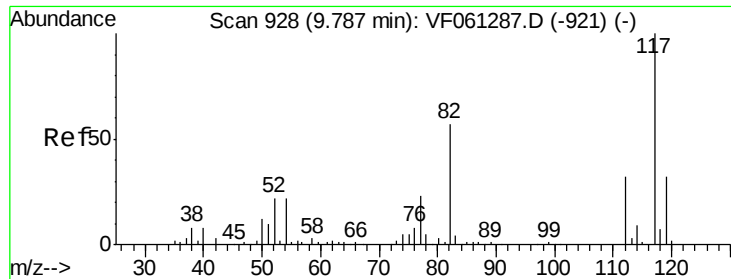
Tot Ion: 107 Resp: 80089
 Ion Ratio Lower Upper
 107 100
 109 95.7 75.1 112.7



#62
 4-Bromofluorobenzene
 Concen: 50.627 ug/l
 RT: 11.42 min Scan# 1094
 Delta R.T. 0.01 min
 Lab File: VF061338.D
 Acq: 10 Jan 2019 12:10

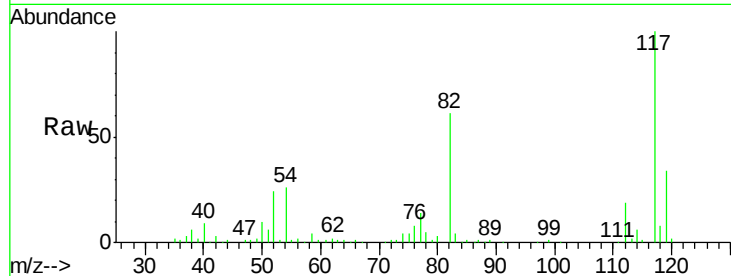
Tgt Ion: 95 Resp: 160025
 Ion Ratio Lower Upper
 95 100
 174 69.5 0.0 114.2
 176 71.9 0.0 117.8



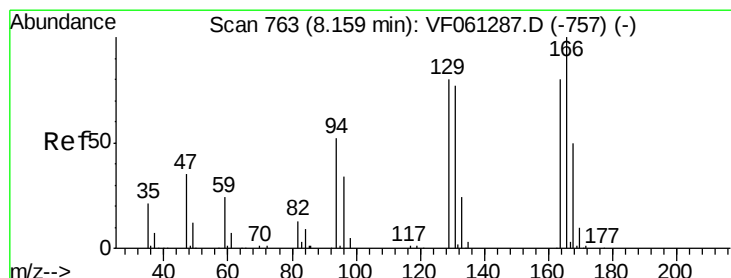
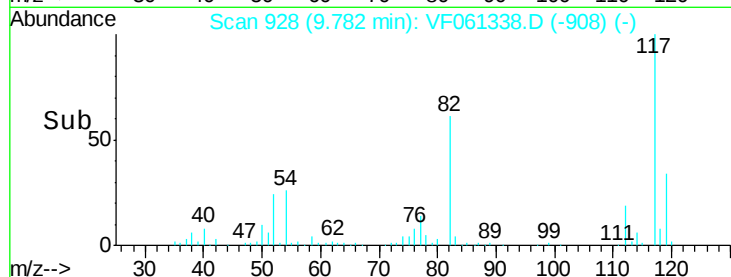
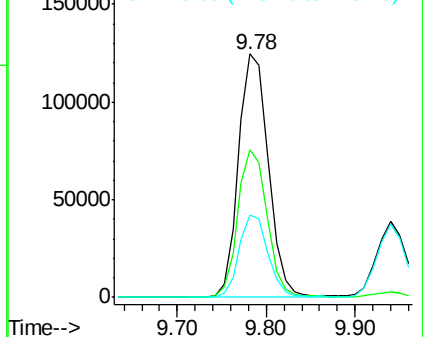


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.78 min Scan# 928
Delta R.T. -0.00 min
Lab File: VF061338.D
Acq: 10 Jan 2019 12:10

Tot Ion:117 Resp: 292286
Ion Ratio Lower Upper
117 100
82 60.9 45.3 67.9
119 33.8 25.4 38.0

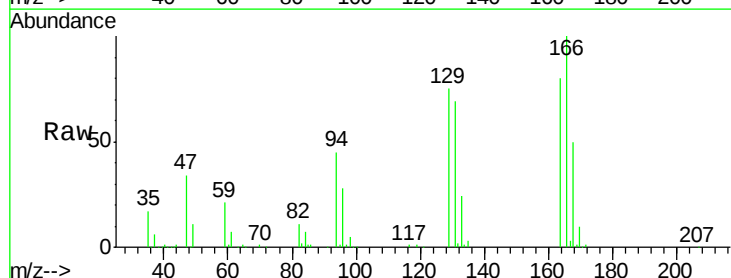


Abundance Ion 117.00 (116.70 to 117.70): V
Ion 82.00 (81.70 to 82.70): VF0
Ion 119.00 (118.70 to 119.70): V

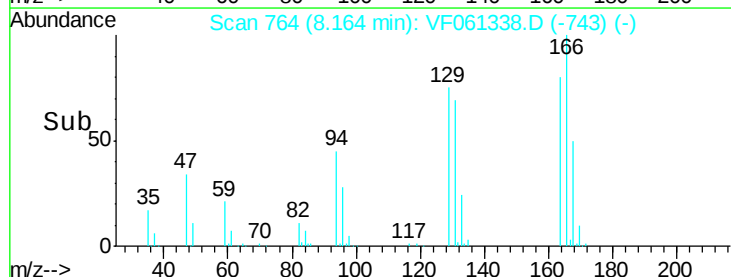
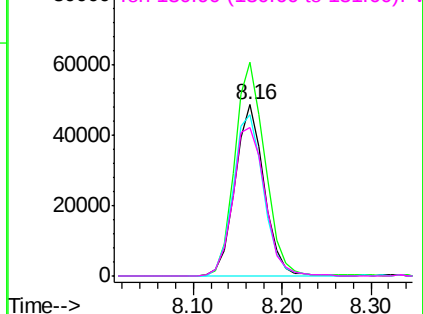


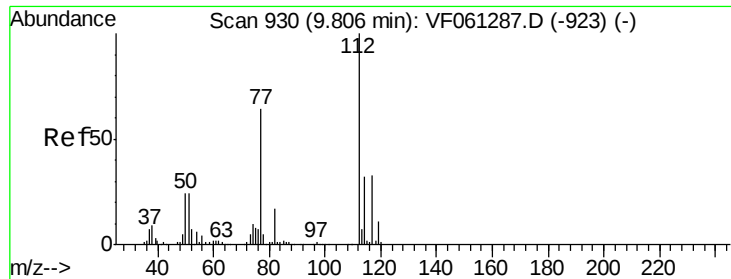
#64
Tetrachloroethene
Concen: 51.812 ug/l
RT: 8.16 min Scan# 764
Delta R.T. 0.01 min
Lab File: VF061338.D
Acq: 10 Jan 2019 12:10

Tgt Ion:164 Resp: 110260
Ion Ratio Lower Upper
164 100
166 124.6 100.1 150.1
129 93.8 80.1 120.1
131 86.5 76.7 115.1



Abundance Ion 163.85 (163.55 to 164.55): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.90 (128.60 to 129.60): V
Ion 130.90 (130.60 to 131.60): V





#65

Chlorobenzene

Concen: 52.664 ug/l

RT: 9.81 min Scan# 931

Delta R.T. 0.01 min

Lab File: VF061338.D

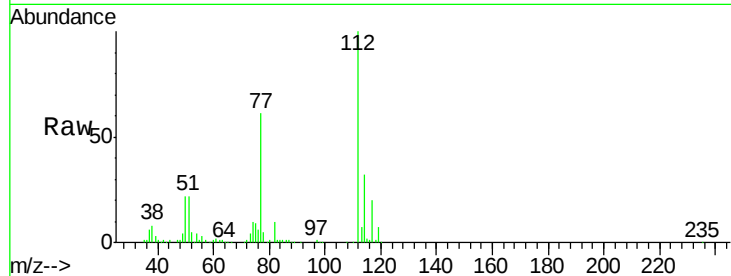
Acq: 10 Jan 2019 12:10

Tot Ion:112 Resp: 310836

Ion Ratio Lower Upper

112 100

114 32.5 25.8 38.8



Abundance Ion 112.00 (111.70 to 112.70): V

Ion 114.00 (113.70 to 114.70): V

150000

100000

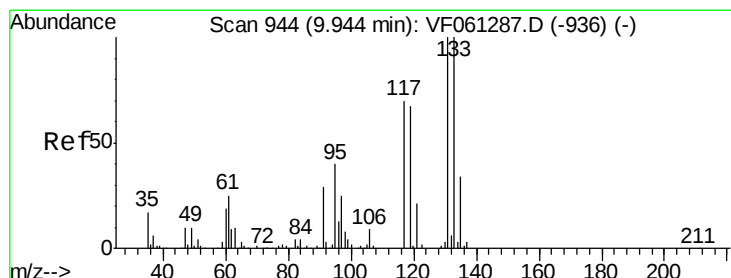
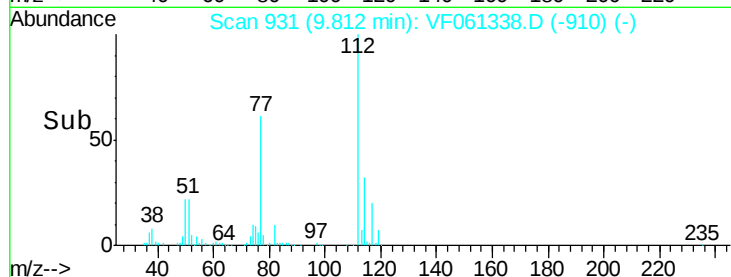
50000

0

9.81

9.70 9.80 9.90 10.00

Time-->



#66

1,1,1,2-Tetrachloroethane

Concen: 52.882 ug/l

RT: 9.94 min Scan# 944

Delta R.T. -0.00 min

Lab File: VF061338.D

Acq: 10 Jan 2019 12:10

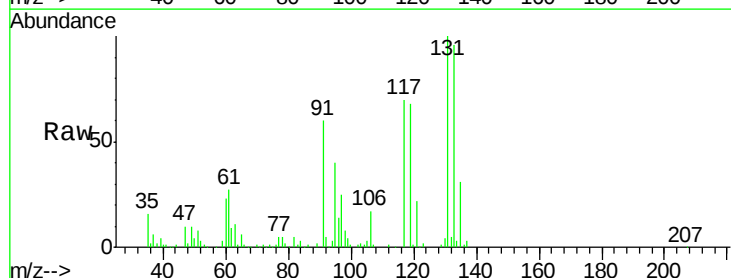
Tgt Ion:131 Resp: 127359

Ion Ratio Lower Upper

131 100

133 95.7 49.9 149.6

119 68.0 33.9 101.6



Abundance Ion 131.00 (130.70 to 131.70): V

Ion 133.00 (132.70 to 133.70): V

Ion 119.00 (118.70 to 119.70): V

60000

40000

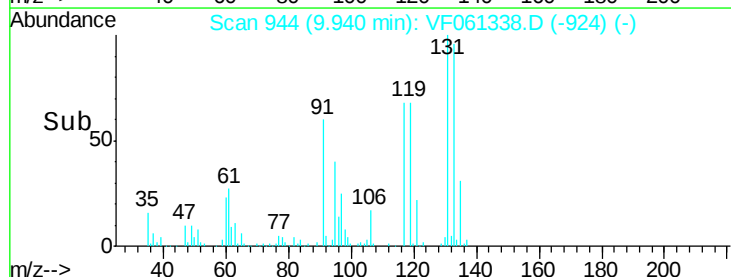
20000

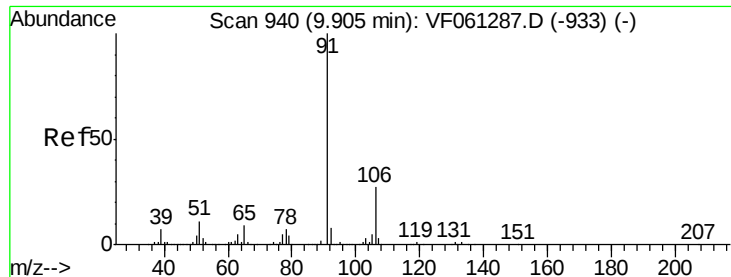
0

9.94

9.80 9.90 10.00 10.10

Time-->





#67

Ethyl Benzene

Concen: 51.970 ug/l

RT: 9.91 min Scan# 941

Delta R.T. 0.01 min

Lab File: VF061338.D

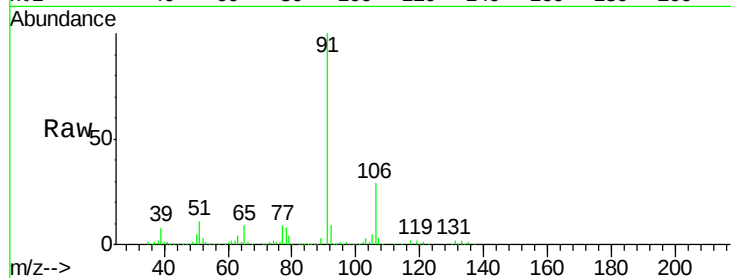
Acq: 10 Jan 2019 12:10

Tot Ion: 91 Resp: 591430

Ion Ratio Lower Upper

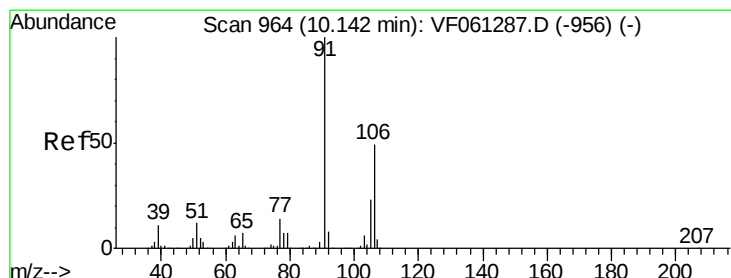
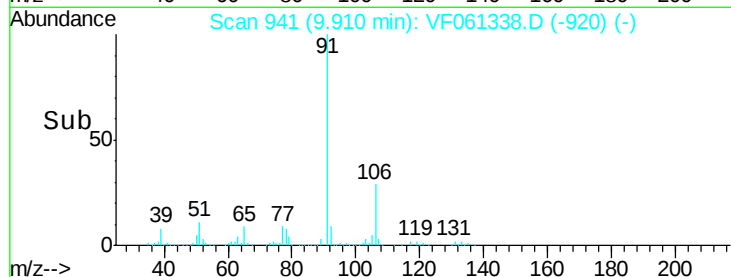
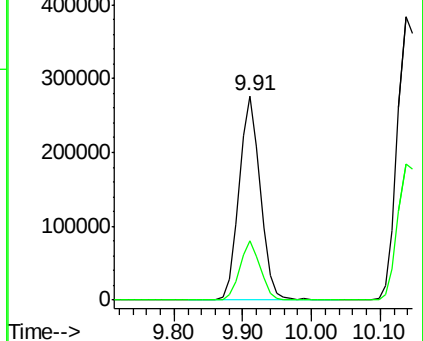
91 100

106 28.8 21.4 32.2



Abundance Ion 91.00 (90.70 to 91.70): VF0

Ion 106.00 (105.70 to 106.70): V



#68

m/p-Xylenes

Concen: 103.279 ug/l

RT: 10.14 min Scan# 964

Delta R.T. -0.00 min

Lab File: VF061338.D

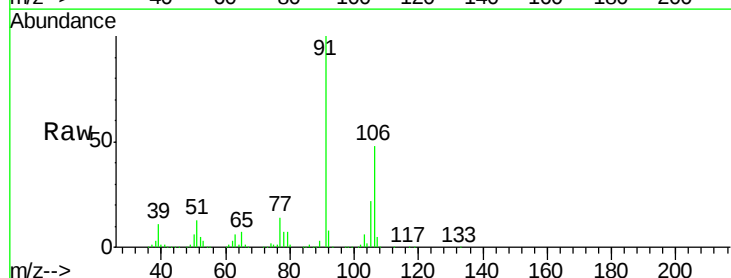
Acq: 10 Jan 2019 12:10

Tgt Ion: 106 Resp: 409980

Ion Ratio Lower Upper

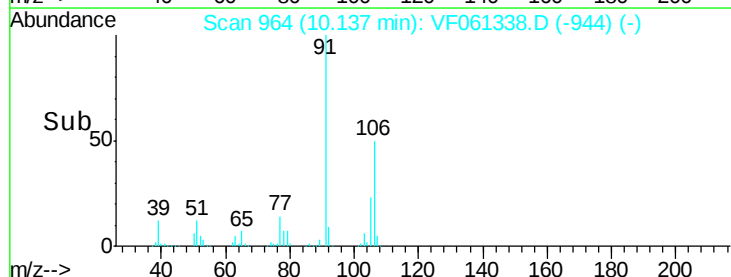
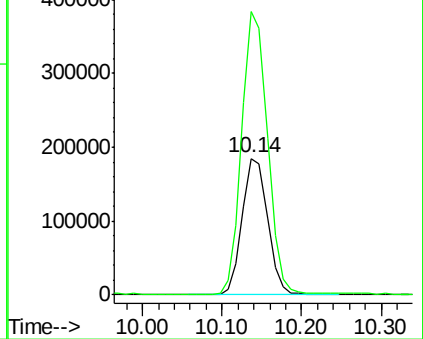
106 100

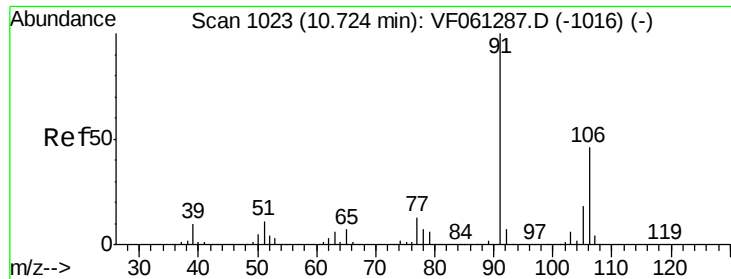
91 207.1 165.0 247.6



Abundance Ion 106.00 (105.70 to 106.70): V

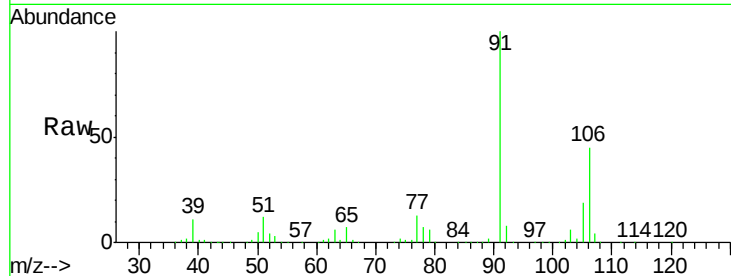
Ion 91.00 (90.70 to 91.70): VF0



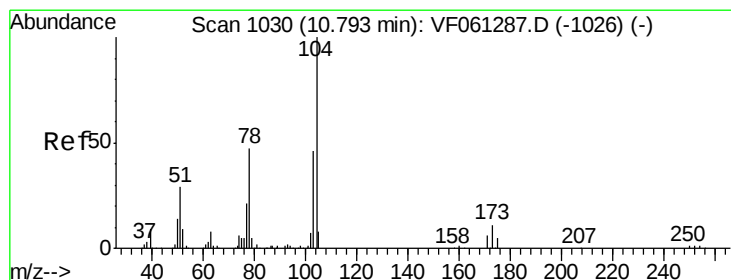
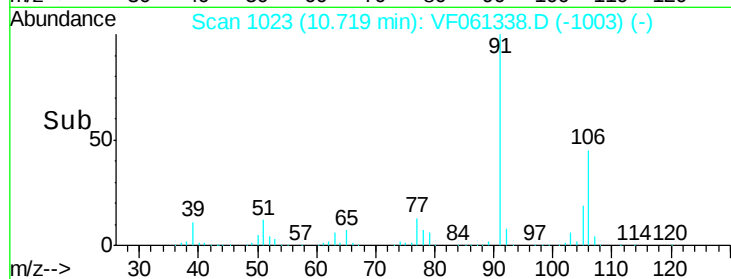
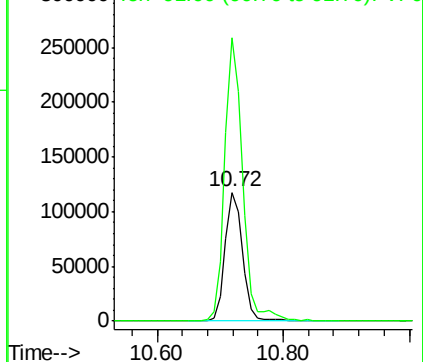


#69
o-Xylene
Concen: 51.750 ug/l
RT: 10.72 min Scan# 1023
Delta R.T. -0.00 min
Lab File: VF061338.D
Acq: 10 Jan 2019 12:10

Tot Ion:106 Resp: 229477
Ion Ratio Lower Upper
106 100
91 220.3 108.1 324.4

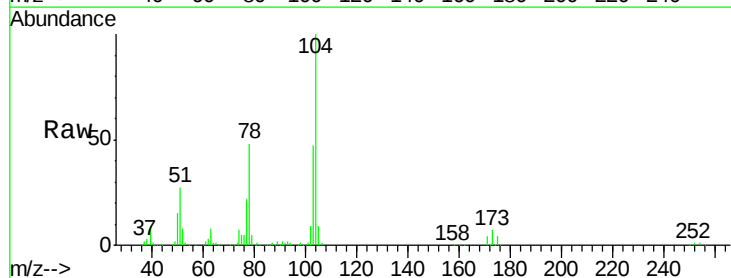


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VF0

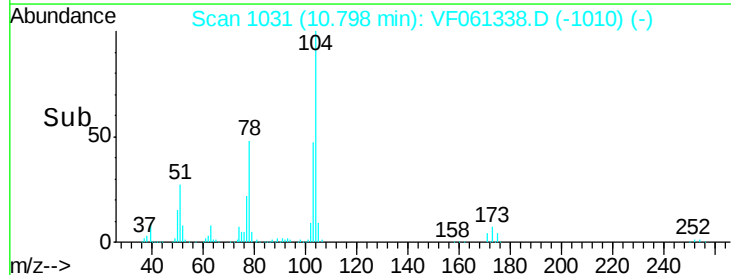
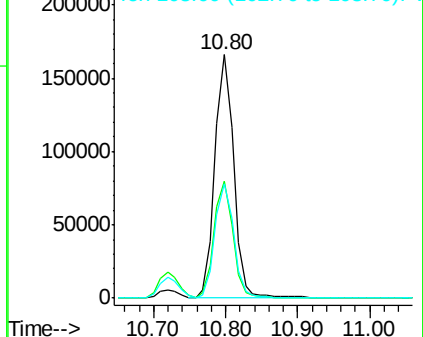


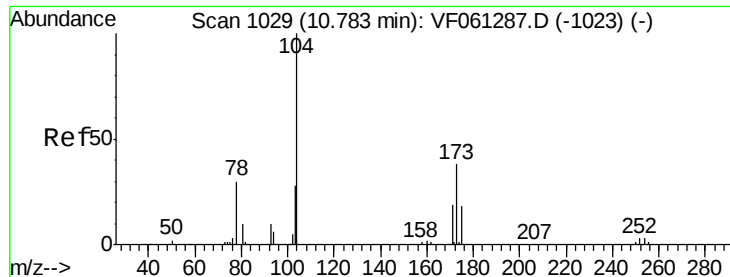
#70
Styrene
Concen: 50.379 ug/l
RT: 10.80 min Scan# 1031
Delta R.T. 0.01 min
Lab File: VF061338.D
Acq: 10 Jan 2019 12:10

Tgt Ion:104 Resp: 297605
Ion Ratio Lower Upper
104 100
78 47.8 38.0 57.0
103 47.1 36.7 55.1



Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VF0
Ion 103.00 (102.70 to 103.70): V





#71

Bromoform

Concen: 53.206 ug/l

RT: 10.78 min Scan# 1029

Delta R.T. -0.00 min

Lab File: VF061338.D

Acq: 10 Jan 2019 12:10

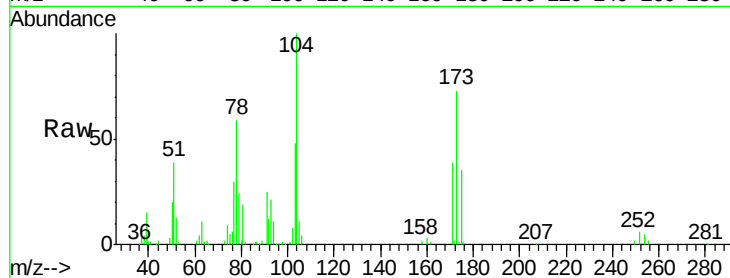
Tot Ion:173 Resp: 52368

Ion Ratio Lower Upper

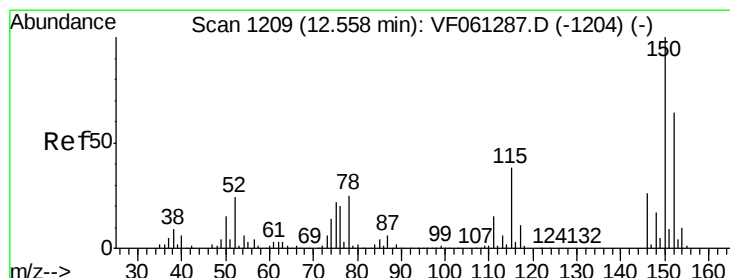
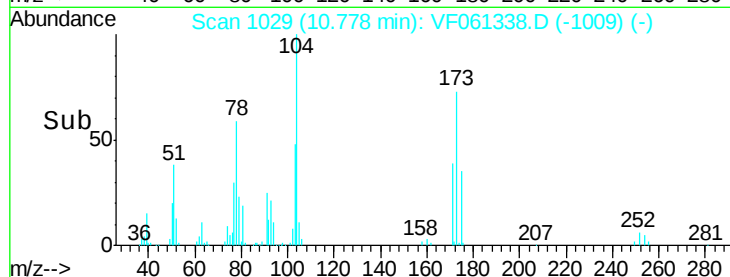
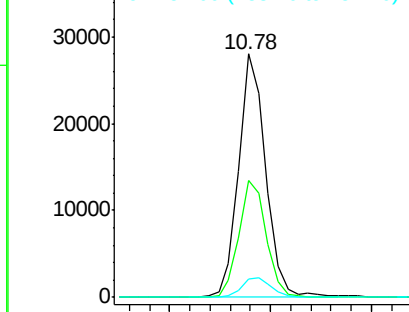
173 100

175 49.4 24.1 72.2

254 7.4 0.0 0.0#



Abundance Ion 173.00 (172.70 to 173.70): V
Ion 175.00 (174.70 to 175.70): V
Ion 254.00 (253.70 to 254.70): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.56 min Scan# 1210

Delta R.T. 0.01 min

Lab File: VF061338.D

Acq: 10 Jan 2019 12:10

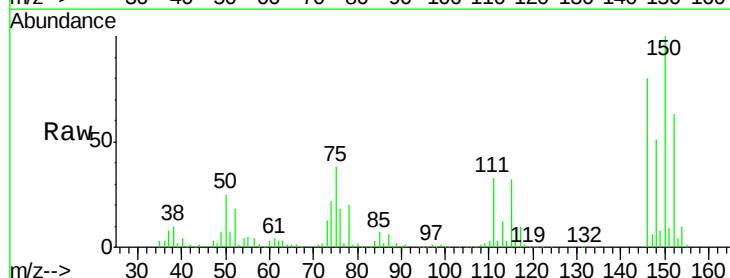
Tgt Ion:152 Resp: 143618

Ion Ratio Lower Upper

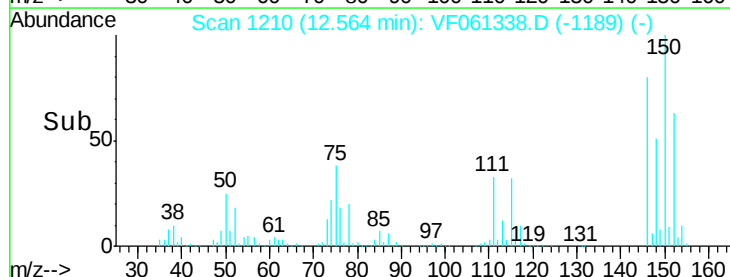
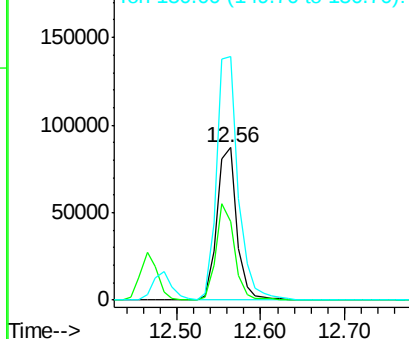
152 100

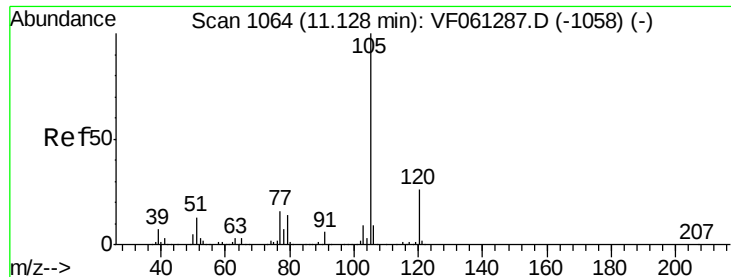
115 51.4 29.6 88.9

150 159.5 0.0 315.4



Abundance Ion 152.00 (151.70 to 152.70): V
Ion 115.00 (114.70 to 115.70): V
Ion 150.00 (149.70 to 150.70): V





#73

Isopropylbenzene

Concen: 50.591 ug/l

RT: 11.13 min Scan# 1065

Delta R.T. 0.01 min

Lab File: VF061338.D

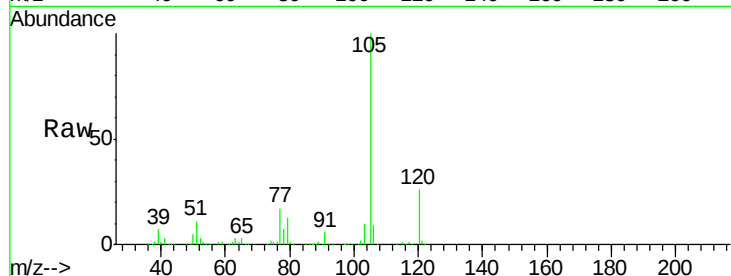
Acq: 10 Jan 2019 12:10

Tot Ion:105 Resp: 639346

Ion Ratio Lower Upper

105 100

120 25.8 12.9 38.7



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

11.13

400000

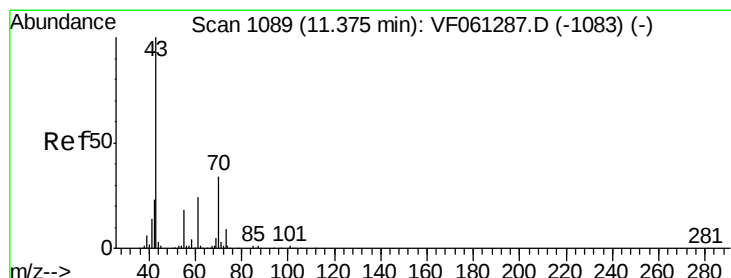
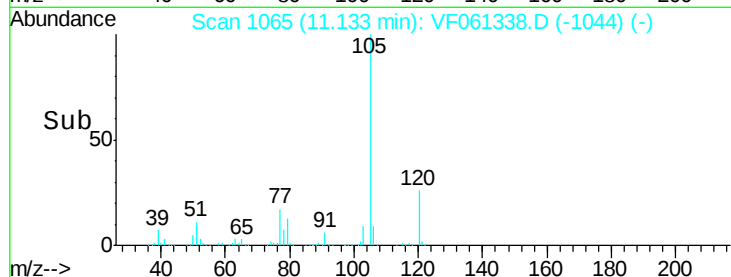
300000

200000

100000

0

Time--> 11.00 11.10 11.20 11.30



#74

N-ethyl acetate

Concen: 50.630 ug/l

RT: 11.38 min Scan# 1090

Delta R.T. 0.01 min

Lab File: VF061338.D

Acq: 10 Jan 2019 12:10

Tgt Ion: 43 Resp: 145449

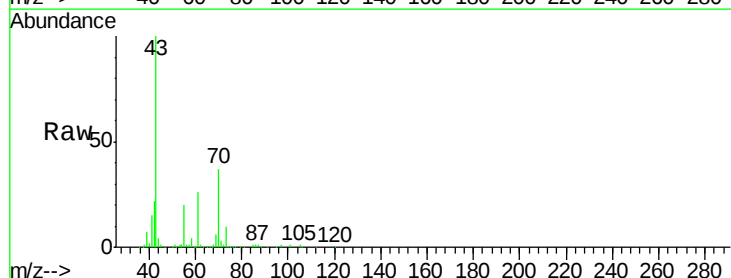
Ion Ratio Lower Upper

43 100

70 37.2 27.4 41.0

55 20.1 14.7 22.1

61 26.1 19.0 28.4



Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 70.00 (69.70 to 70.70): VF0

Ion 55.00 (54.70 to 55.70): VF0

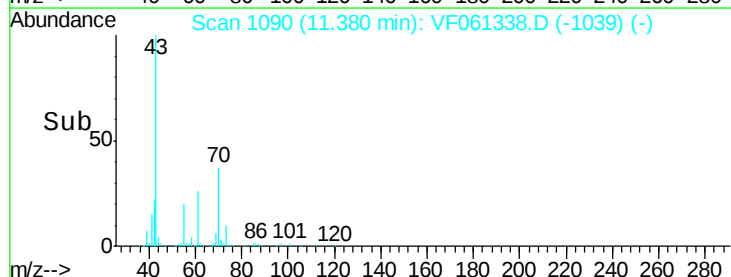
Ion 61.00 (60.70 to 61.70): VF0

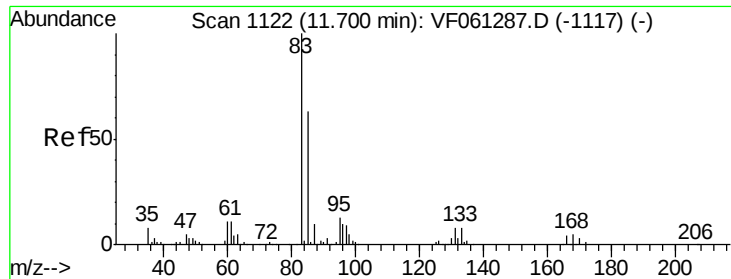
100000

50000

0

Time--> 11.30 11.40 11.50





#75

1,1,2,2-Tetrachloroethane

Concen: 50.715 ug/l

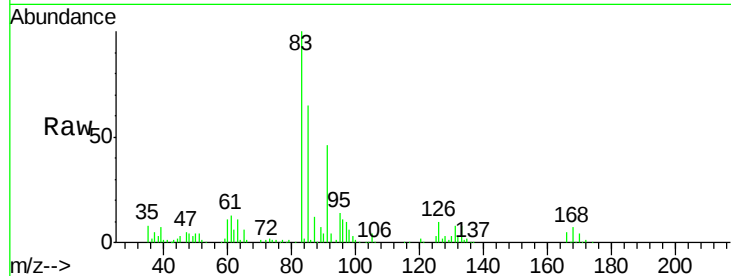
RT: 11.71 min Scan# 1123

Delta R.T. 0.01 min

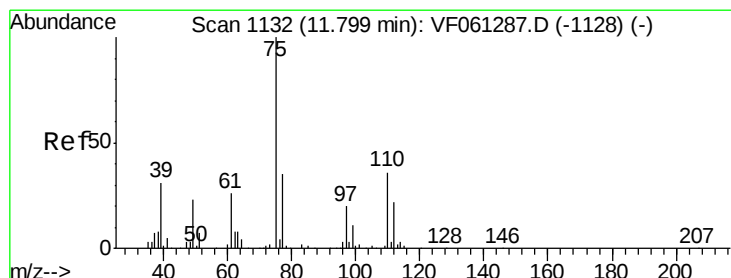
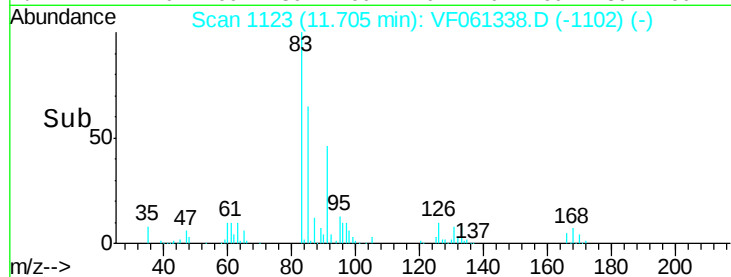
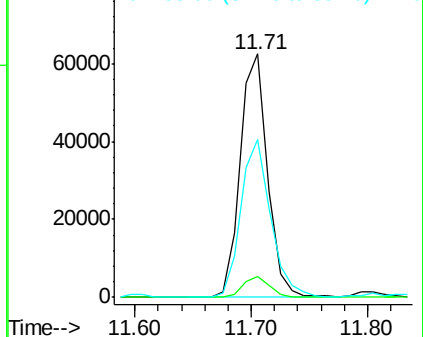
Lab File: VF061338.D

Acq: 10 Jan 2019 12:10

Tot Ion:	83	Resp:	101621
Ion	Ratio	Lower	Upper
83	100		
131	8.4	3.9	11.7
85	65.0	31.6	94.7



Abundance Ion 83.00 (82.70 to 83.70): VF0
Ion 131.00 (130.70 to 131.70): VF0
Ion 85.00 (84.70 to 85.70): VF0



#76

1,2,3-Trichloropropane

Concen: 49.661 ug/l

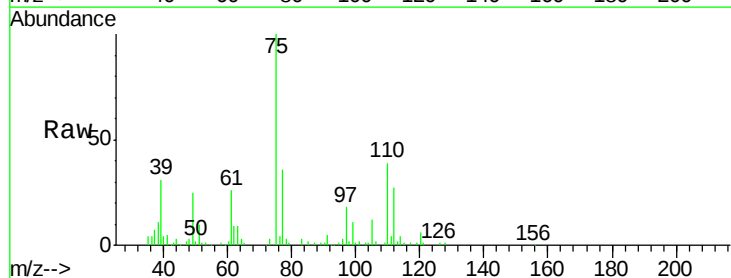
RT: 11.80 min Scan# 1133

Delta R.T. 0.01 min

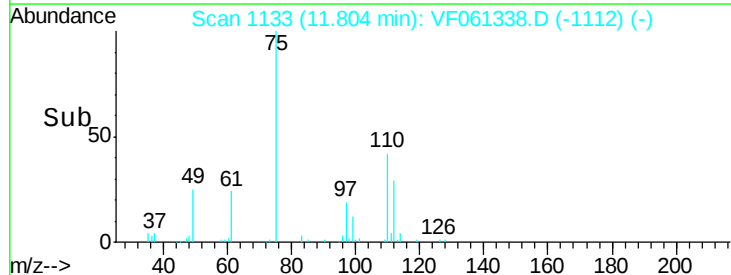
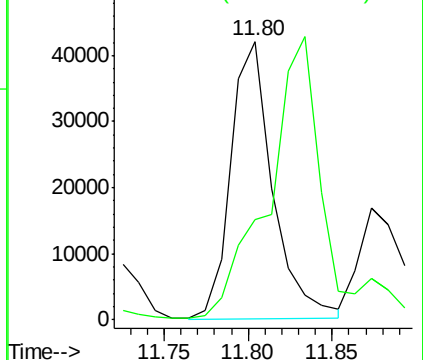
Lab File: VF061338.D

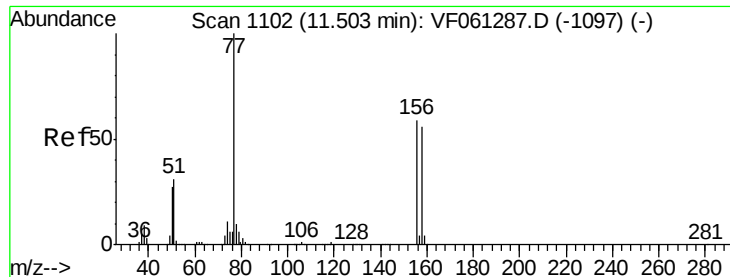
Acq: 10 Jan 2019 12:10

Tgt Ion:	75	Resp:	72984
Ion	Ratio	Lower	Upper
75	100		
77	36.1	17.5	52.5



Abundance Ion 75.00 (74.70 to 75.70): VF0
Ion 77.00 (76.70 to 77.70): VF0





#77

Bromobenzene

Concen: 49.432 ug/l

RT: 11.51 min Scan# 1103

Delta R.T. 0.01 min

Lab File: VF061338.D

Acq: 10 Jan 2019 12:10

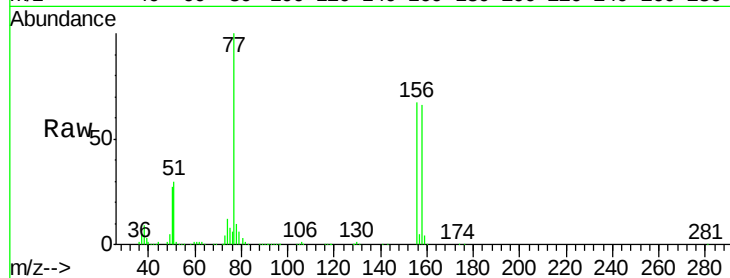
Tot Ion:156 Resp: 124281

Ion Ratio Lower Upper

156 100

77 148.9 84.3 252.9

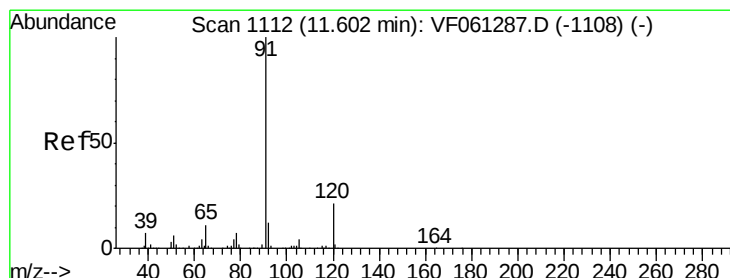
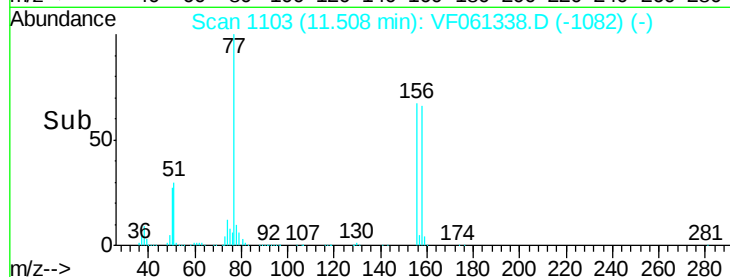
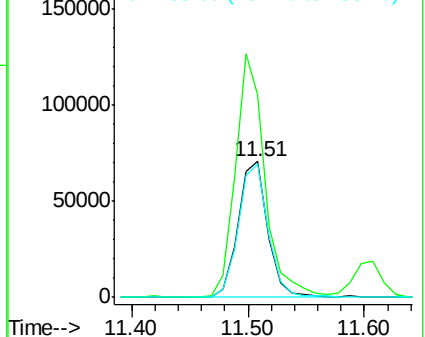
158 98.0 47.1 141.3



Abundance Ion 156.00 (155.70 to 156.70): V

Ion 77.00 (76.70 to 77.70): VF0

Ion 158.00 (157.70 to 158.70): V



#78

n-propylbenzene

Concen: 50.385 ug/l

RT: 11.60 min Scan# 1112

Delta R.T. -0.00 min

Lab File: VF061338.D

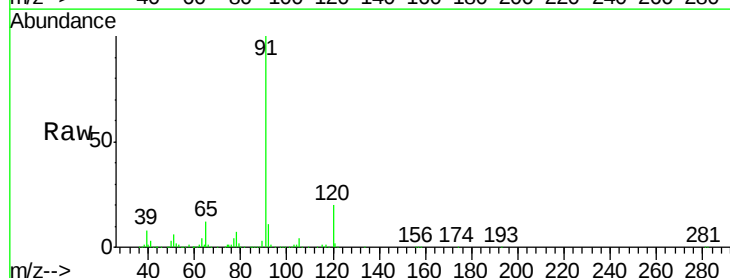
Acq: 10 Jan 2019 12:10

Tgt Ion: 91 Resp: 759190

Ion Ratio Lower Upper

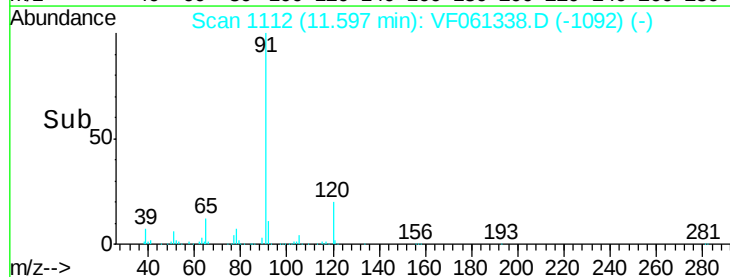
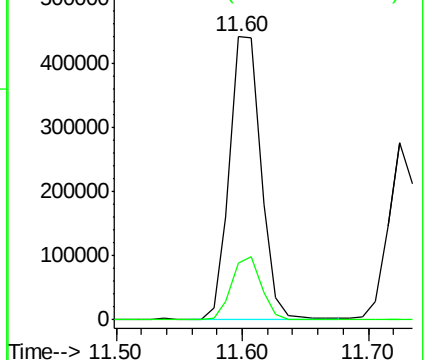
91 100

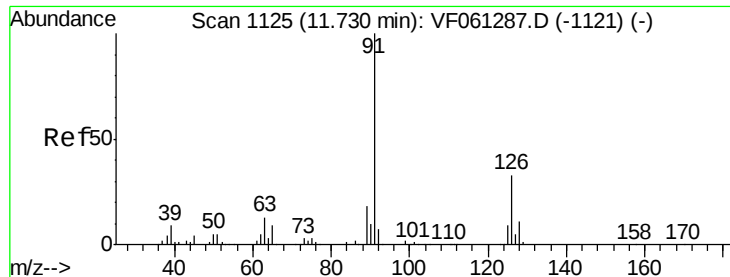
120 20.0 10.7 32.1



Abundance Ion 91.00 (90.70 to 91.70): VF0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 51.789 ug/l

RT: 11.73 min Scan# 1125

Delta R.T. -0.00 min

Lab File: VF061338.D

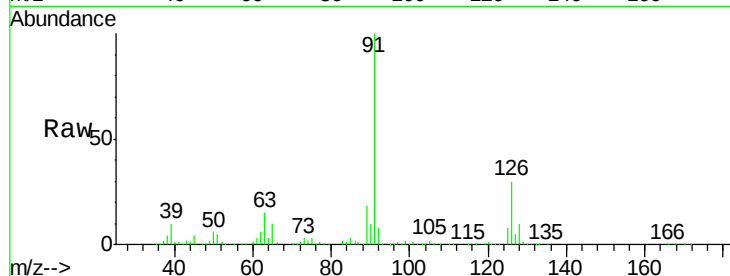
Acq: 10 Jan 2019 12:10

Tot Ion: 91 Resp: 434767

Ion Ratio Lower Upper

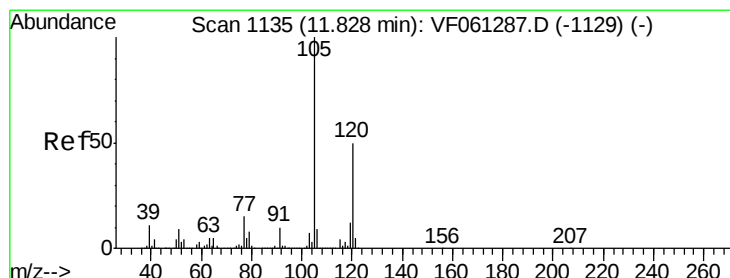
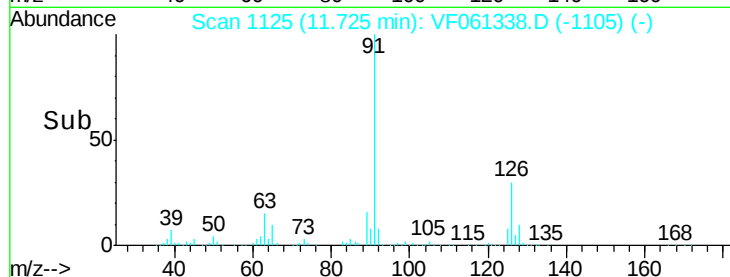
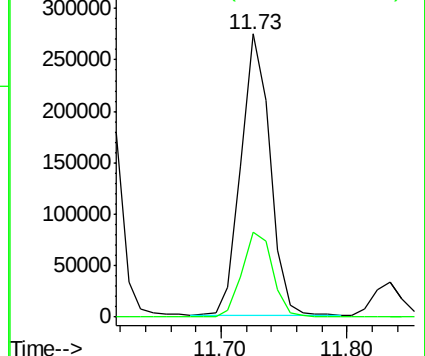
91 100

126 30.2 16.6 49.8



Abundance Ion 91.00 (90.70 to 91.70): VF0

Ion 126.00 (125.70 to 126.70): V



#80

1,3,5-Trimethylbenzene

Concen: 47.771 ug/l

RT: 11.83 min Scan# 1136

Delta R.T. 0.01 min

Lab File: VF061338.D

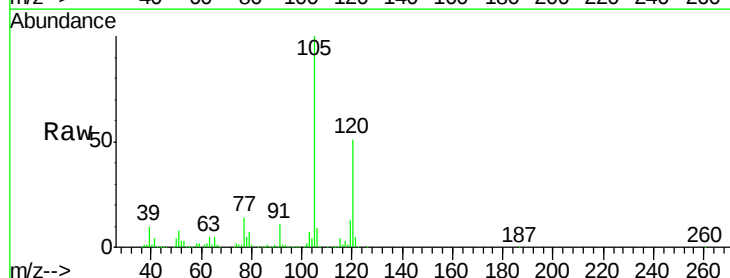
Acq: 10 Jan 2019 12:10

Tgt Ion:105 Resp: 480377

Ion Ratio Lower Upper

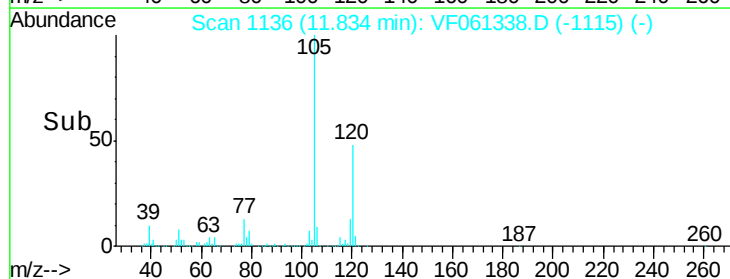
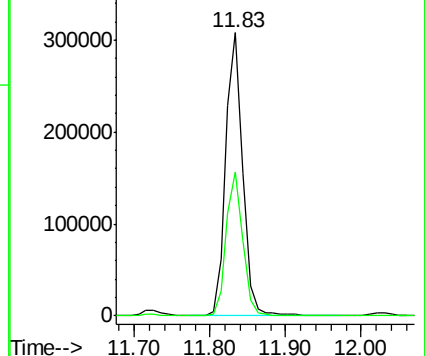
105 100

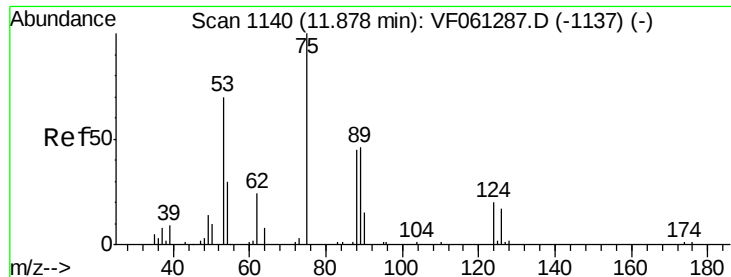
120 50.8 25.2 75.6



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: 43.287 ug/l m

RT: 11.87 min Scan# 1140

Delta R.T. -0.00 min

Lab File: VF061338.D

Acq: 10 Jan 2019 12:10

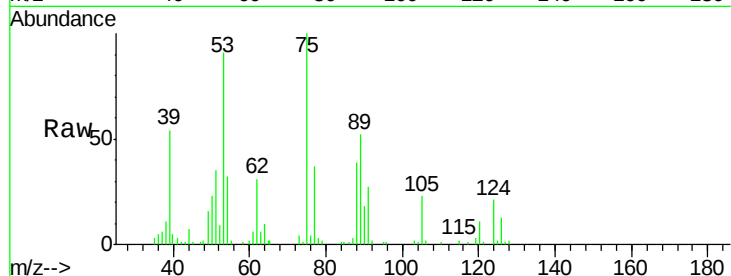
Tot Ion: 75 Resp: 27800

Ion Ratio Lower Upper

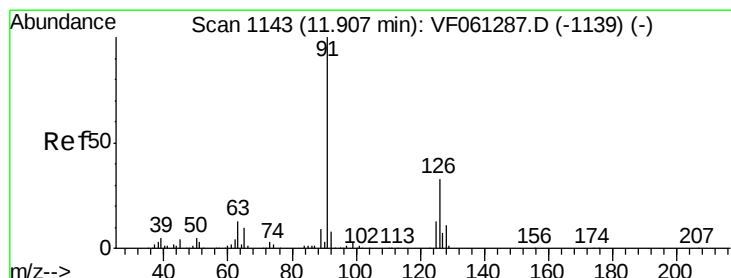
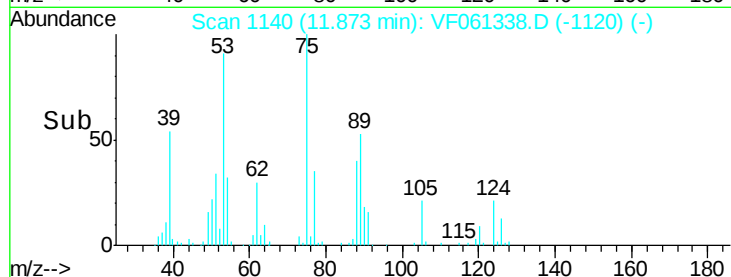
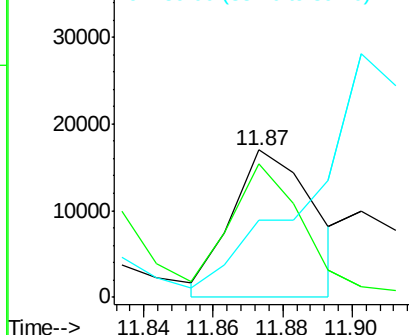
75 100

53 90.8 62.2 93.2

89 52.1 40.2 60.4



Abundance Ion 75.00 (74.70 to 75.70): VF0
Ion 53.00 (52.70 to 53.70): VF0
Ion 89.00 (88.70 to 89.70): VF0



#82

4-Chlorotoluene

Concen: 49.906 ug/l

RT: 11.90 min Scan# 1143

Delta R.T. -0.00 min

Lab File: VF061338.D

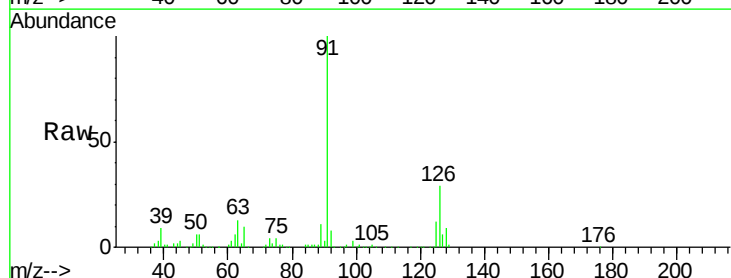
Acq: 10 Jan 2019 12:10

Tgt Ion: 91 Resp: 425720

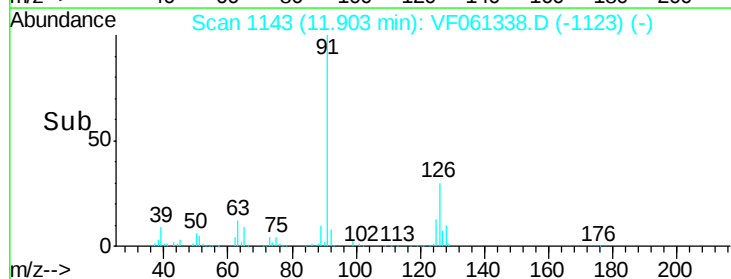
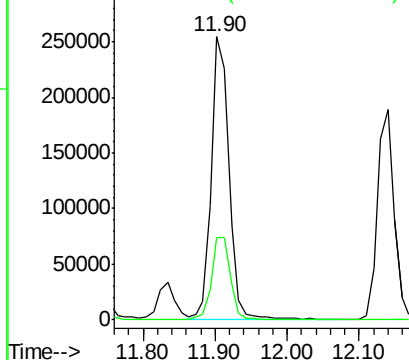
Ion Ratio Lower Upper

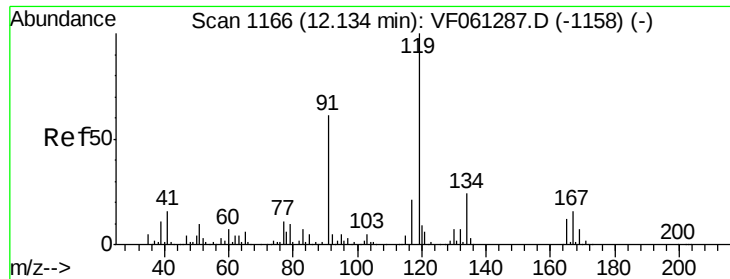
91 100

126 29.1 16.4 49.4



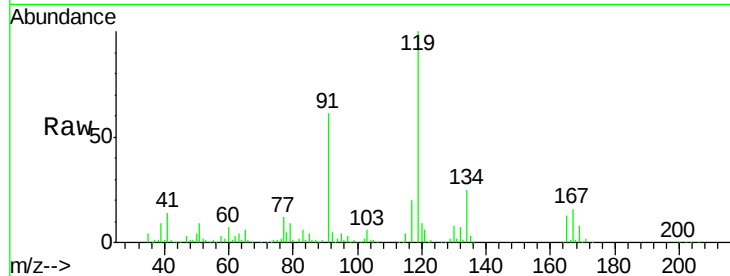
Abundance Ion 91.00 (90.70 to 91.70): VF0
Ion 126.00 (125.70 to 126.70): V



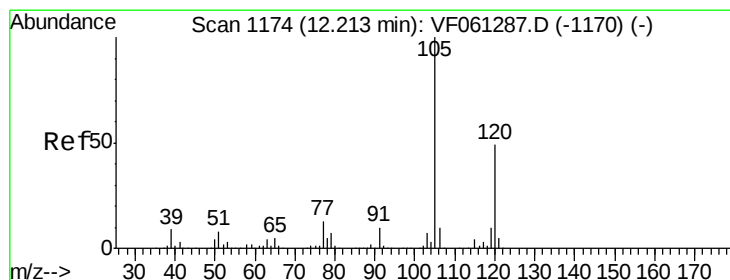
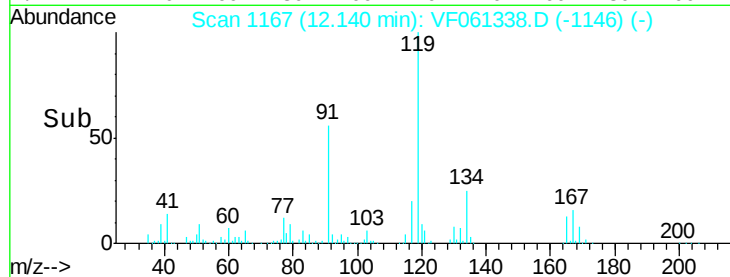
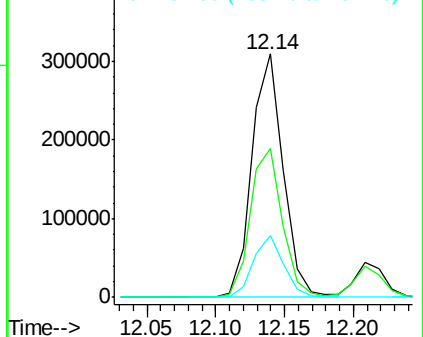


#83
tert-Butylbenzene
Concen: 49.141 ug/l
RT: 12.14 min Scan# 1167
Delta R.T. 0.01 min
Lab File: VF061338.D
Acq: 10 Jan 2019 12:10

Tot Ion:119 Resp: 492326
Ion Ratio Lower Upper
119 100
91 61.3 30.8 92.4
134 25.3 11.9 35.9

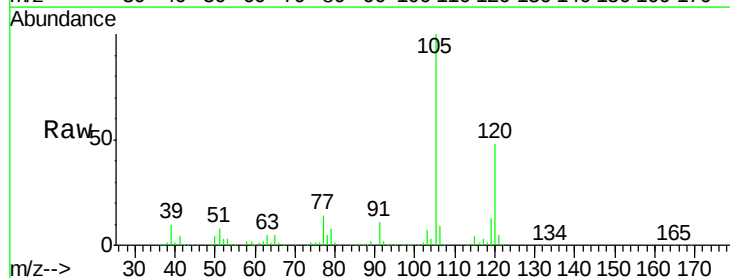


Abundance Ion 119.00 (118.70 to 119.70): V
Ion 91.00 (90.70 to 91.70): VF0
Ion 134.00 (133.70 to 134.70): V

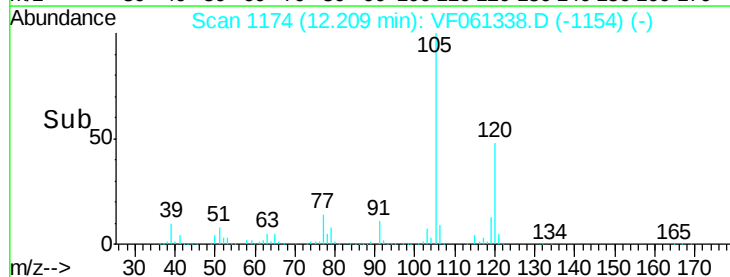
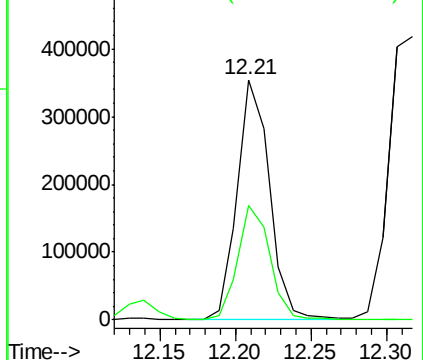


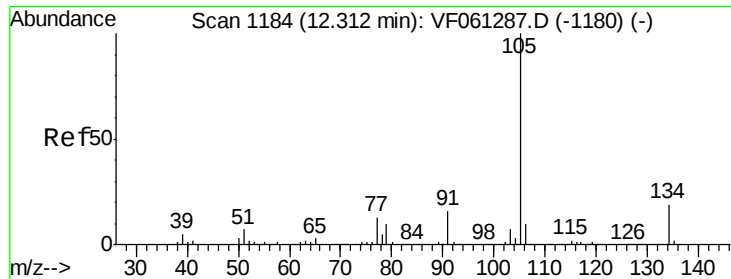
#84
1,2,4-Trimethylbenzene
Concen: 52.735 ug/l
RT: 12.21 min Scan# 1174
Delta R.T. -0.00 min
Lab File: VF061338.D
Acq: 10 Jan 2019 12:10

Tgt Ion:105 Resp: 526490
Ion Ratio Lower Upper
105 100
120 47.6 24.7 74.1



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





#85

sec-Butylbenzene

Concen: 48.509 ug/l

RT: 12.32 min Scan# 1185

Delta R.T. 0.01 min

Lab File: VF061338.D

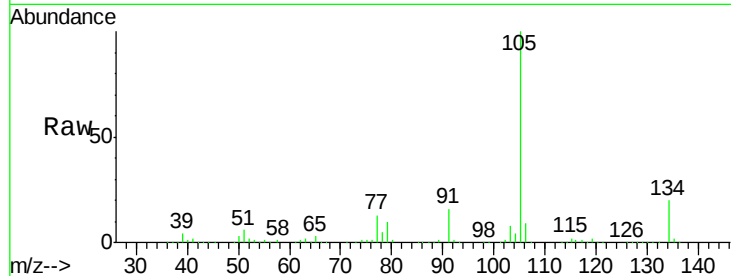
Acq: 10 Jan 2019 12:10

Tot Ion:105 Resp: 691988

Ion Ratio Lower Upper

105 100

134 20.1 9.7 28.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

12.32

400000

300000

200000

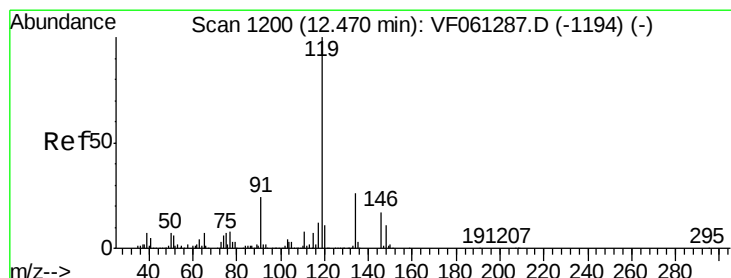
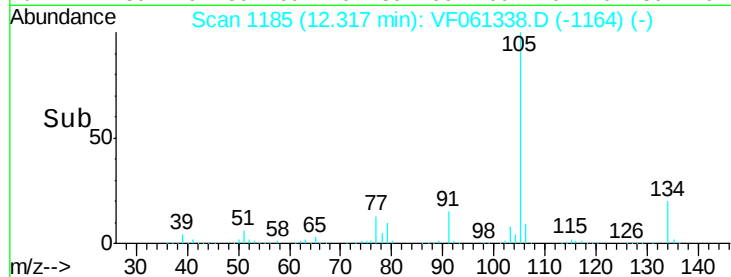
100000

0

Time-->

12.30

12.40



#86

p-Isopropyltoluene

Concen: 50.192 ug/l

RT: 12.47 min Scan# 1200

Delta R.T. -0.00 min

Lab File: VF061338.D

Acq: 10 Jan 2019 12:10

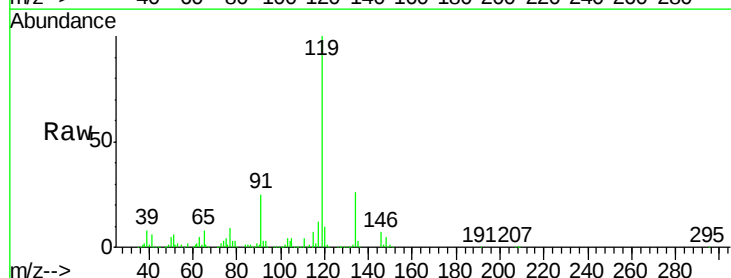
Tgt Ion:119 Resp: 582368

Ion Ratio Lower Upper

119 100

134 25.5 13.0 39.0

91 24.6 12.2 36.4



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

12.47

500000

400000

300000

200000

100000

0

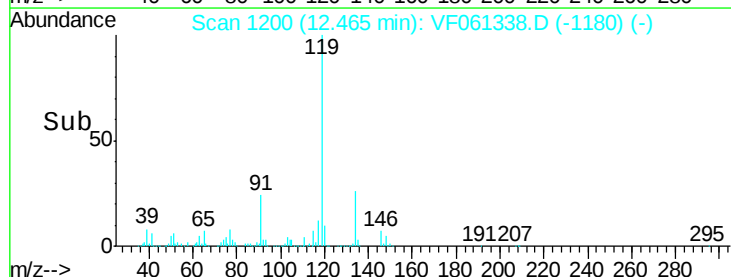
Time-->

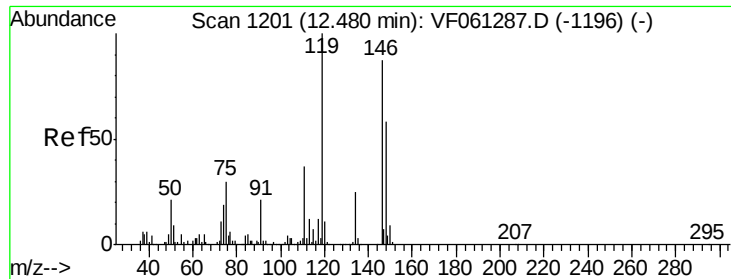
12.30

12.40

12.50

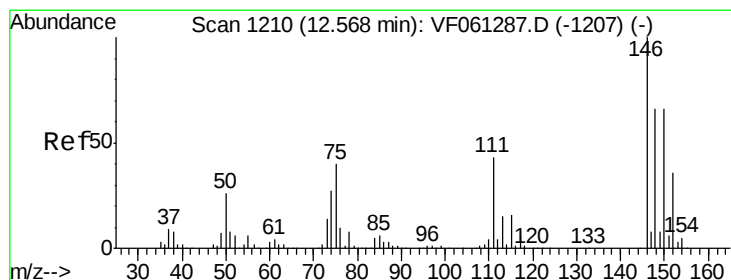
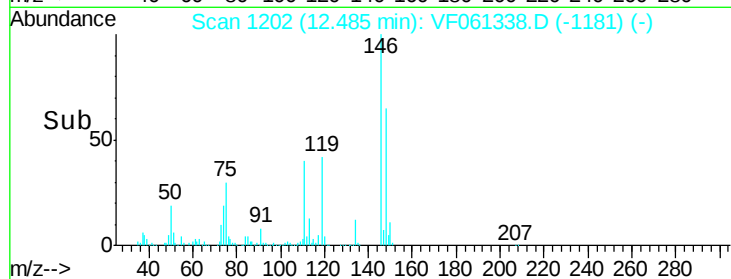
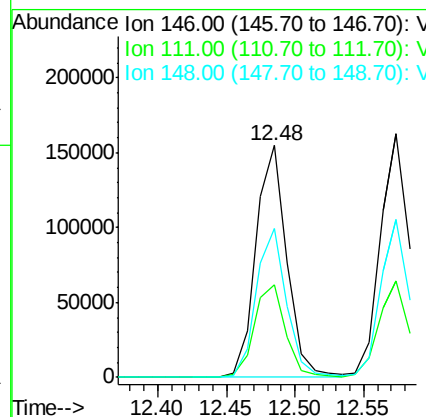
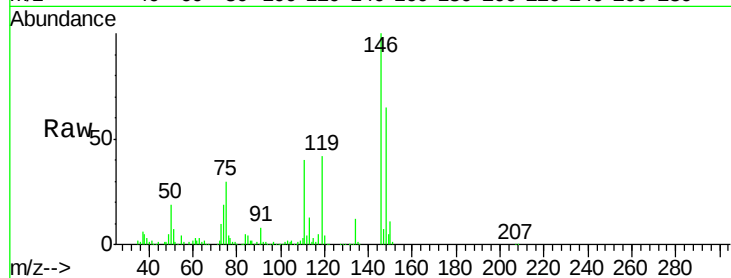
12.60





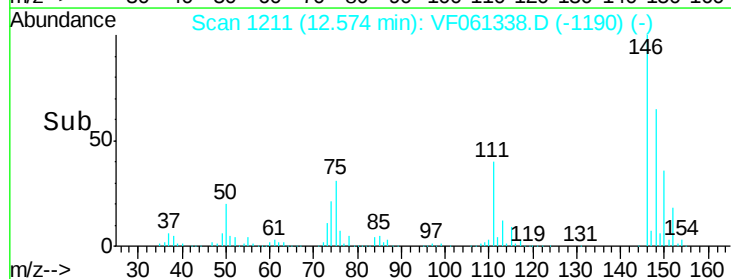
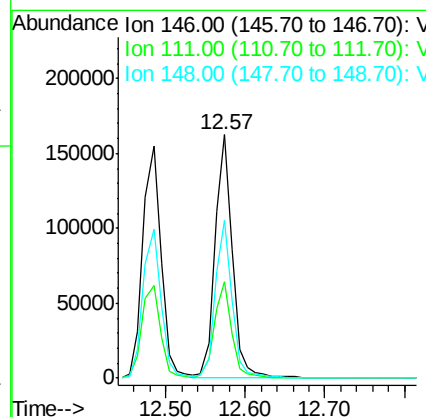
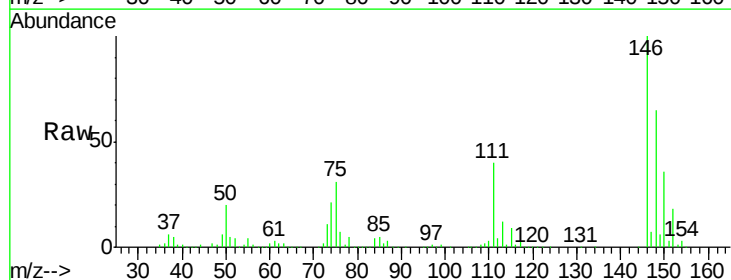
#87
 1,3-Dichlorobenzene
 Concen: 49.506 ug/l
 RT: 12.48 min Scan# 1202
 Delta R.T. 0.01 min
 Lab File: VF061338.D
 Acq: 10 Jan 2019 12:10

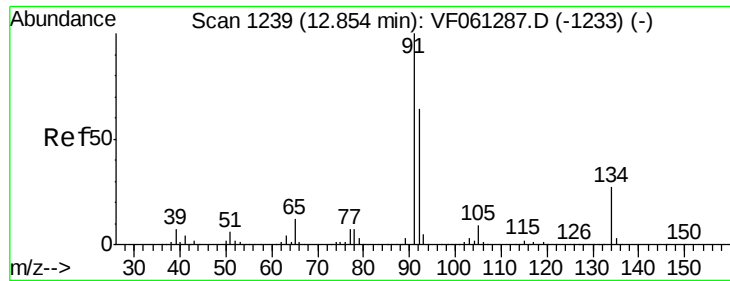
Tot Ion	Ratio	Lower	Upper
146	100		
111	39.7	21.1	63.3
148	64.5	33.1	99.5



#88
 1,4-Dichlorobenzene
 Concen: 52.843 ug/l
 RT: 12.57 min Scan# 1211
 Delta R.T. 0.01 min
 Lab File: VF061338.D
 Acq: 10 Jan 2019 12:10

Tgt Ion	Ratio	Lower	Upper
146	100		
111	39.6	21.4	64.2
148	65.0	33.0	98.9





#89

n-Butylbenzene

Concen: 50.455 ug/l

RT: 12.85 min Scan# 1239

Delta R.T. -0.00 min

Lab File: VF061338.D

Acq: 10 Jan 2019 12:10

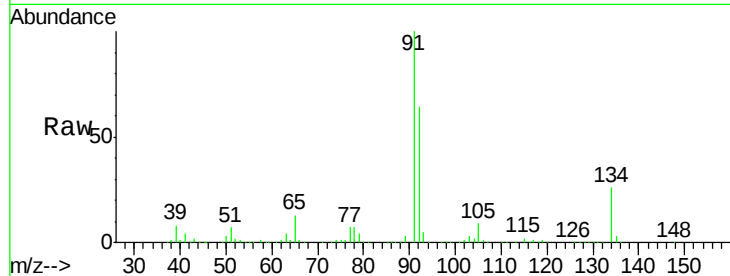
Tot Ion: 91 Resp: 601518

Ion Ratio Lower Upper

91 100

92 64.0 32.1 96.3

134 25.6 13.4 40.1

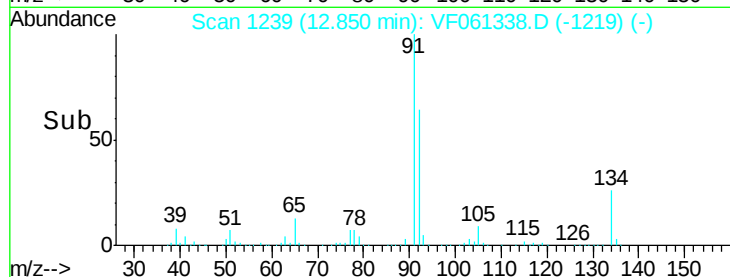


Abundance Ion 91.00 (90.70 to 91.70): VF061287.D (-1233) (-)

Ion 92.00 (91.70 to 92.70): VF061287.D (-1233) (-)

Ion 134.00 (133.70 to 134.70): VF061287.D (-1233) (-)

Time-->

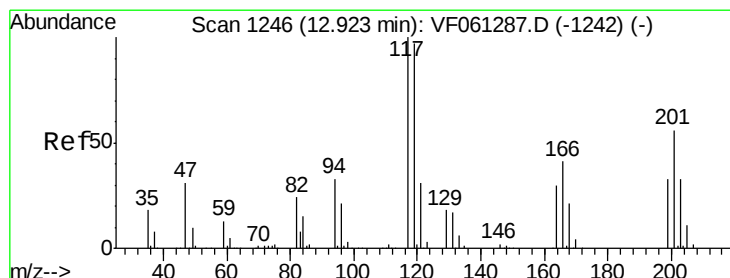


Abundance Ion 91.00 (90.70 to 91.70): VF061338.D (-1219) (-)

Ion 92.00 (91.70 to 92.70): VF061338.D (-1219) (-)

Ion 134.00 (133.70 to 134.70): VF061338.D (-1219) (-)

Time-->



#90

Hexachloroethane

Concen: 48.023 ug/l

RT: 12.93 min Scan# 1247

Delta R.T. 0.01 min

Lab File: VF061338.D

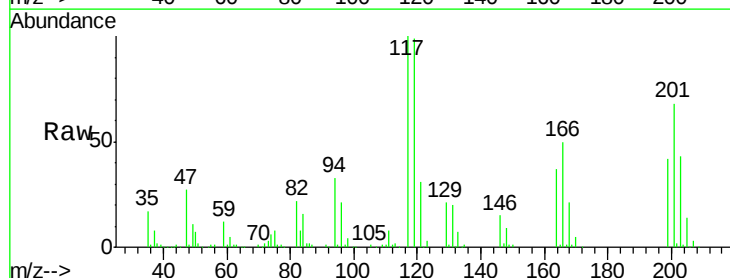
Acq: 10 Jan 2019 12:10

Tgt Ion: 117 Resp: 127459

Ion Ratio Lower Upper

117 100

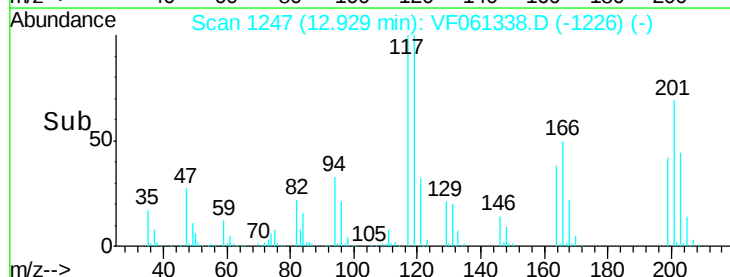
201 67.8 27.9 83.7



Abundance Ion 117.00 (116.70 to 117.70): VF061287.D (-1242) (-)

Ion 201.00 (200.70 to 201.70): VF061287.D (-1242) (-)

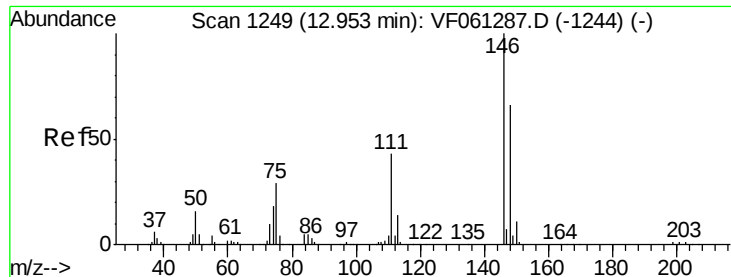
Time-->



Abundance Ion 117.00 (116.70 to 117.70): VF061338.D (-1226) (-)

Ion 201.00 (200.70 to 201.70): VF061338.D (-1226) (-)

Time-->



#91

1,2-Dichlorobenzene

Concen: 50.226 ug/l

RT: 12.95 min Scan# 1249

Delta R.T. -0.00 min

Lab File: VF061338.D

Acq: 10 Jan 2019 12:10

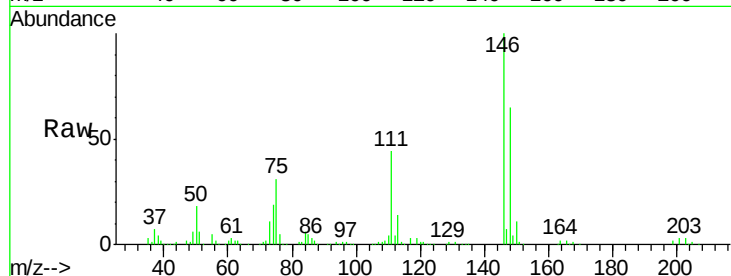
Tot Ion:146 Resp: 235380

Ion Ratio Lower Upper

146 100

111 44.3 21.4 64.3

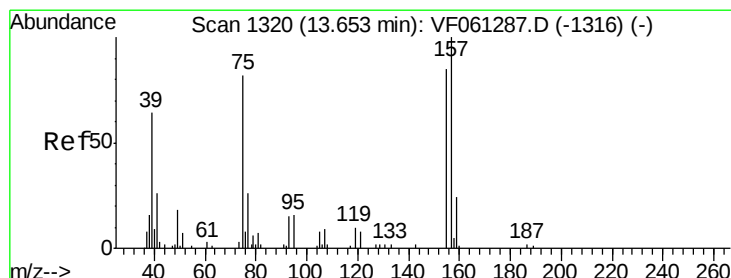
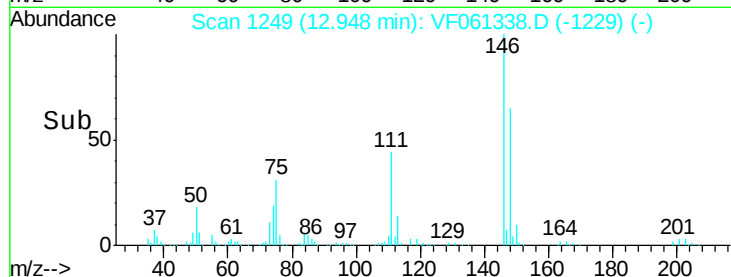
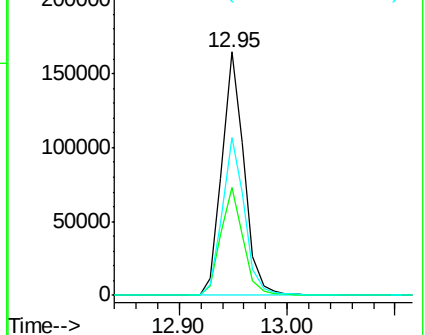
148 64.9 33.1 99.2



Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 50.416 ug/l

RT: 13.65 min Scan# 1320

Delta R.T. -0.00 min

Lab File: VF061338.D

Acq: 10 Jan 2019 12:10

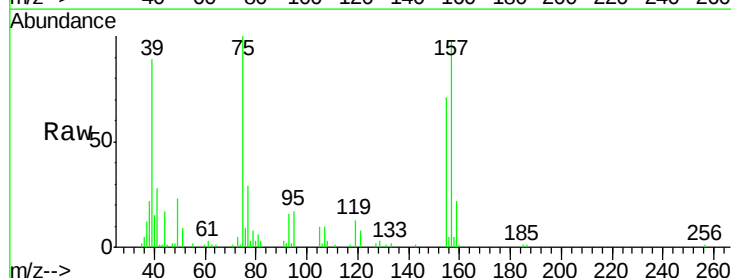
Tgt Ion: 75 Resp: 17069

Ion Ratio Lower Upper

75 100

155 71.4 51.3 154.0

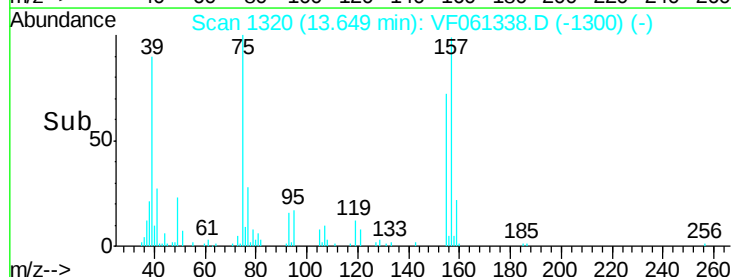
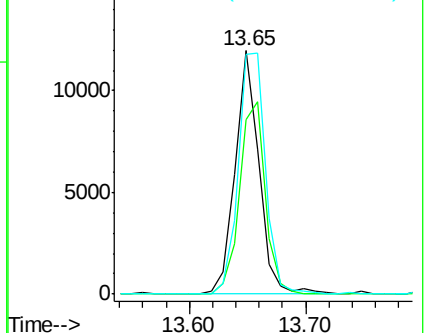
157 98.4 60.7 182.0



Abundance Ion 75.00 (74.70 to 75.70): VF0

Ion 155.00 (154.70 to 155.70): V

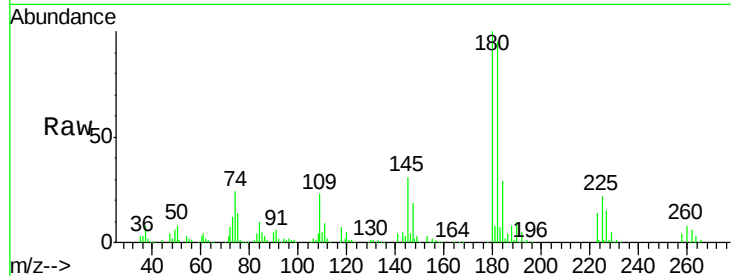
Ion 157.00 (156.70 to 157.70): V



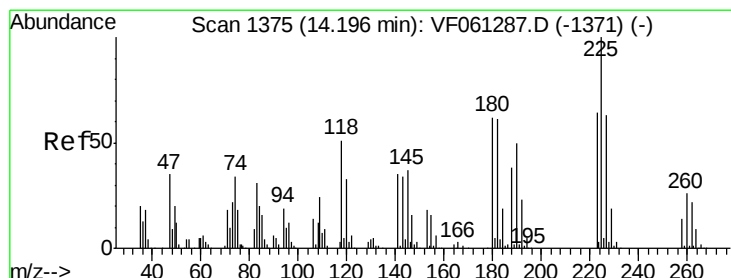
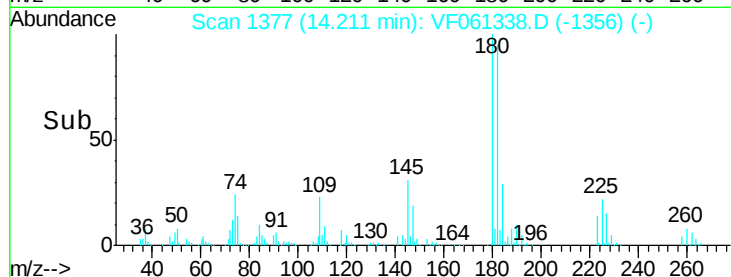
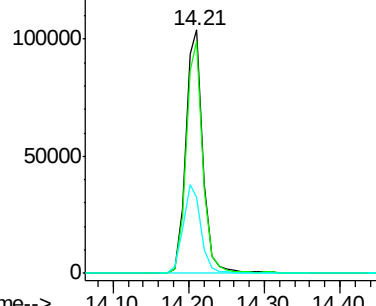


#93
 1,2,4-Trichlorobenzene
 Concen: 51.942 ug/l
 RT: 14.21 min Scan# 1377
 Delta R.T. 0.01 min
 Lab File: VF061338.D
 Acq: 10 Jan 2019 12:10

Tot Ion:180 Resp: 167511
 Ion Ratio Lower Upper
 180 100
 182 95.1 47.0 141.2
 145 31.1 19.7 59.1

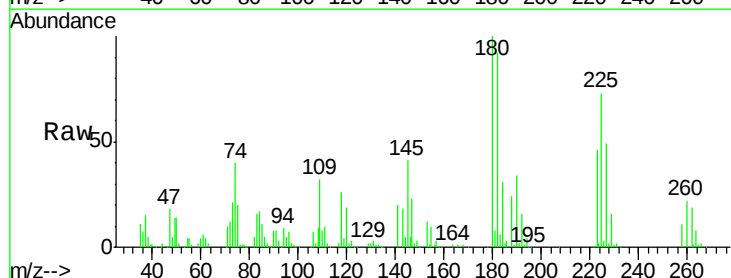


Abundance Ion 180.00 (179.70 to 180.70): V
 Ion 182.00 (181.70 to 182.70): V
 Ion 145.00 (144.70 to 145.70): V

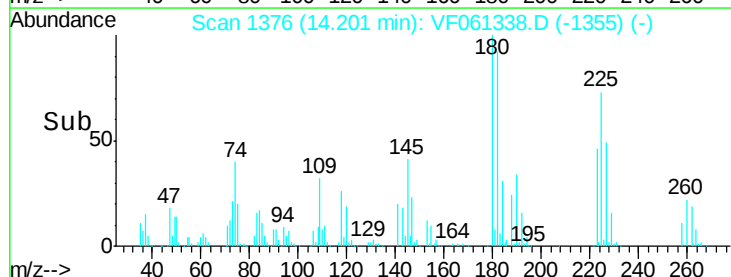
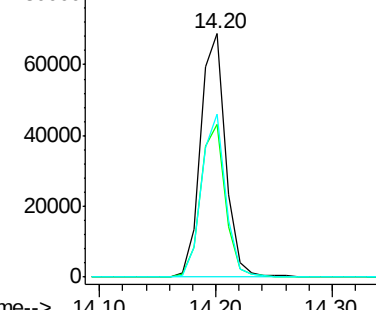


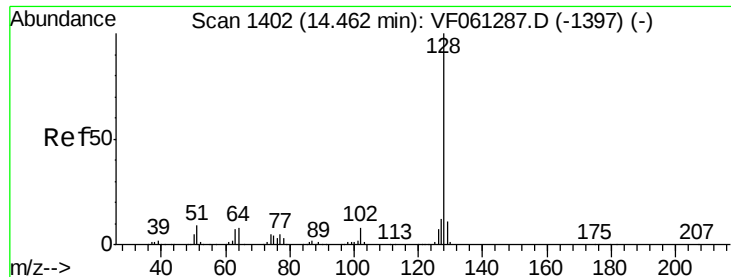
#94
 Hexachlorobutadiene
 Concen: 49.461 ug/l
 RT: 14.20 min Scan# 1376
 Delta R.T. 0.01 min
 Lab File: VF061338.D
 Acq: 10 Jan 2019 12:10

Tgt Ion:225 Resp: 102689
 Ion Ratio Lower Upper
 225 100
 223 62.9 31.8 95.4
 227 67.1 31.3 93.9



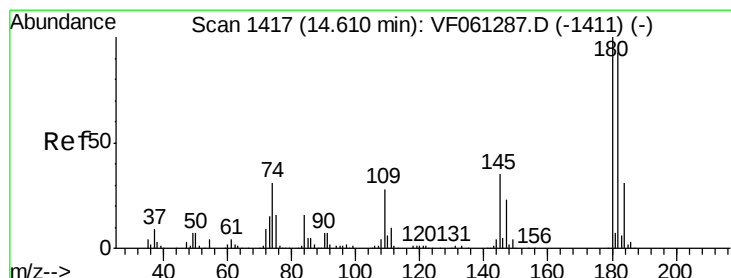
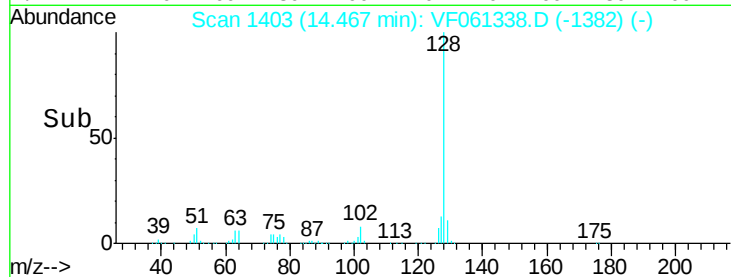
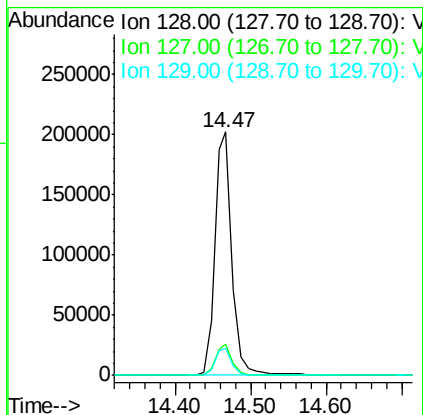
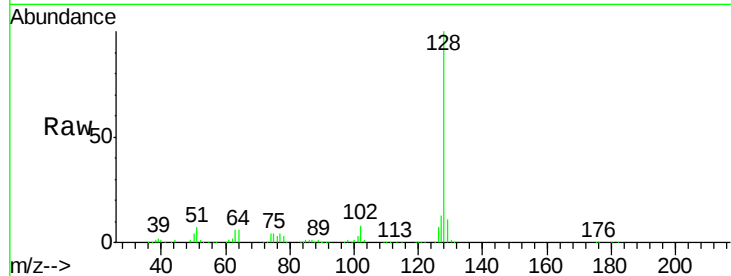
Abundance Ion 225.00 (224.70 to 225.70): V
 Ion 223.00 (222.70 to 223.70): V
 Ion 227.00 (226.70 to 227.70): V





#95
Naphthalene
Concen: 53.020 ug/l
RT: 14.47 min Scan# 1403
Delta R.T. 0.01 min
Lab File: VF061338.D
Acq: 10 Jan 2019 12:10

Tot Ion:128 Resp: 322227
Ion Ratio Lower Upper
128 100
127 12.7 9.4 14.0
129 11.0 8.8 13.2



#96
1,2,3-Trichlorobenzene
Concen: 51.863 ug/l
RT: 14.61 min Scan# 1417
Delta R.T. -0.00 min
Lab File: VF061338.D
Acq: 10 Jan 2019 12:10

Tgt Ion:180 Resp: 157551
Ion Ratio Lower Upper
180 100
182 94.1 46.5 139.3
145 36.2 17.5 52.6

