

Data Path : Z:\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 00:28:57 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

33) 1,2-Dichloroethane-d4	4.85	65	103836	49.43	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.86%	
35) Dibromofluoromethane	4.12	113	117396	47.99	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.98%	
50) Toluene-d8	7.56	98	374330	51.71	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.42%	
62) 4-Bromofluorobenzene	11.42	95	160025	50.63	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.26%	

Target Compounds

						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	94896	24.423	ug/l	96
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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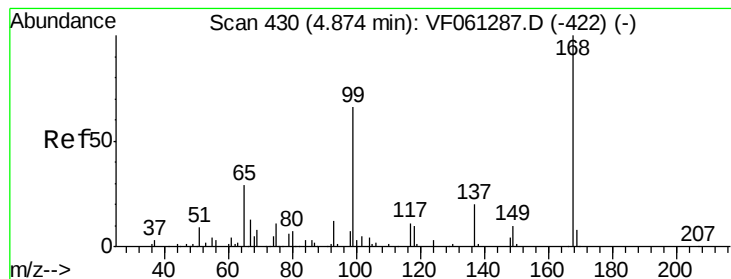
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	5.46	83	203327	43.528	ug/l	98
40) Benzene	4.64	78	397330	45.588	ug/l	98
41) Methacrylonitrile	4.75	41	37268	49.089	ug/l	90
42) 1,2-Dichloroethane	4.95	62	141437	52.123	ug/l	98
43) Isopropyl Acetate	6.97	43	95516	53.217	ug/l	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	38434	59.845	ug/l	90
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

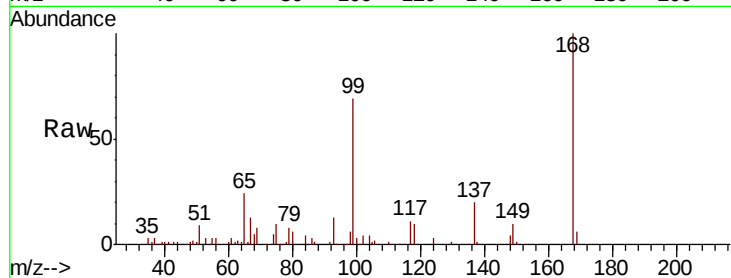
Acq: 10 Jan 2019 12:10

Tgt 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): VF0

Ion 99.00 (98.70 to 99.70): VF0

4.88

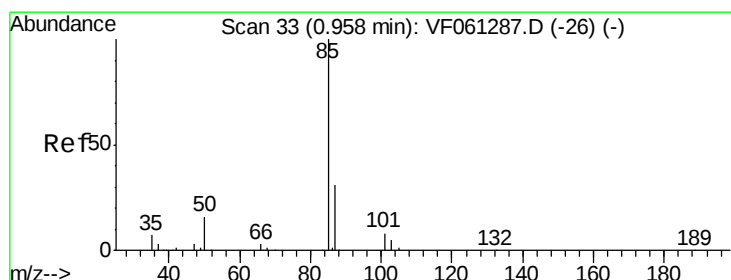
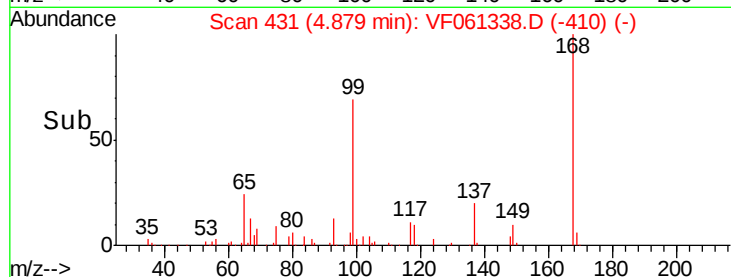
60000

40000

20000

0

Time--> 4.70 4.80 4.90 5.00 5.10



#2

Dichlorodifluoromethane

Concen: 46.889 ug/l

RT: 0.96 min Scan# 34

Delta R.T. 0.01 min

Lab File: VF061338.D

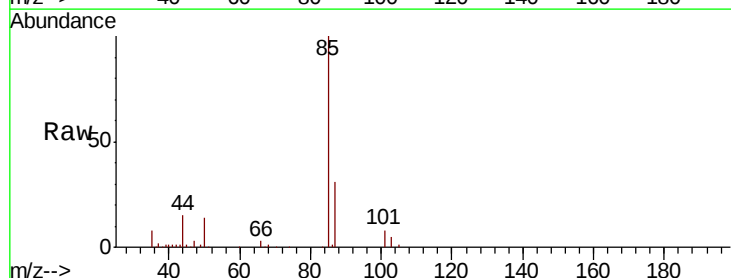
Acq: 10 Jan 2019 12:10

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

0.96

60000

50000

40000

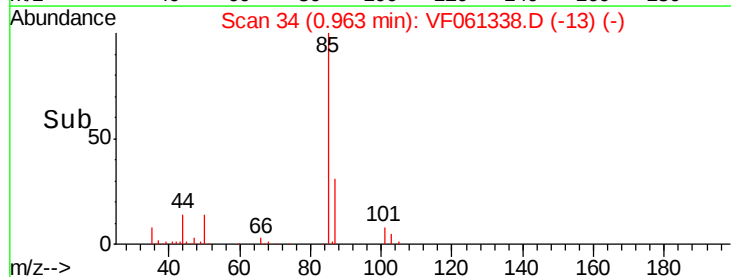
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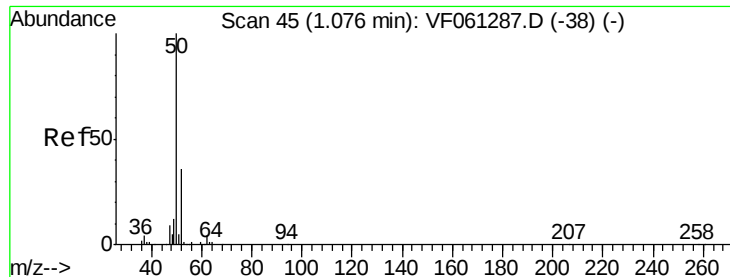
20000

10000

0

Time--> 0.80 0.90 1.00 1.10 1.20





#3

Chloromethane

Concen: 43.795 ug/l

RT: 1.08 min Scan# 46

Delta R.T. 0.01 min

Lab File: VF061338.D

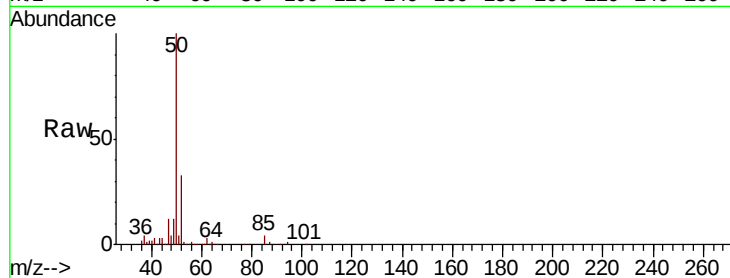
Acq: 10 Jan 2019 12:10

Tgt Ion: 50 Resp: 135860

Ion Ratio Lower Upper

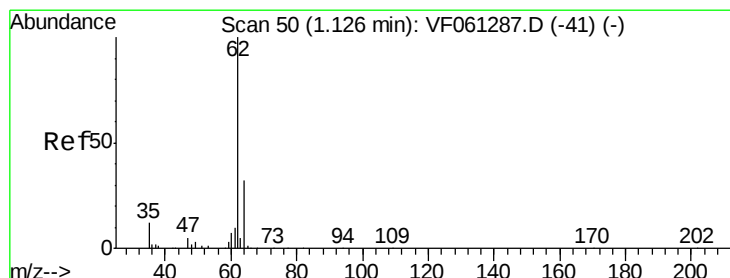
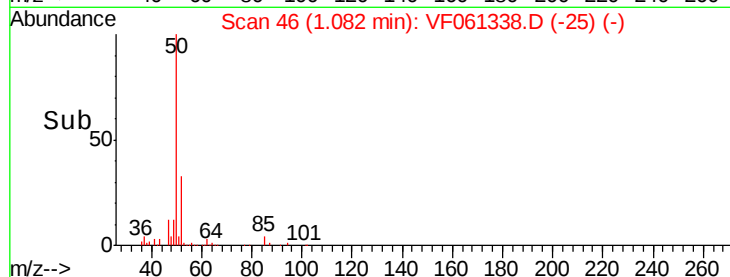
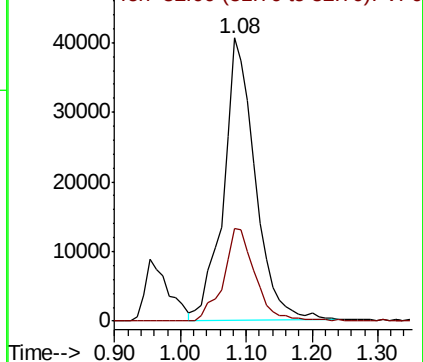
50 100

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

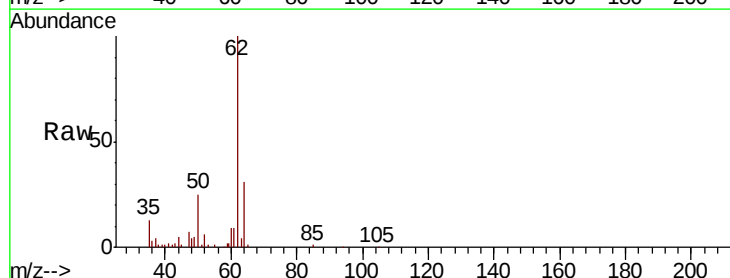
Acq: 10 Jan 2019 12:10

Tgt Ion: 62 Resp: 122475

Ion Ratio Lower Upper

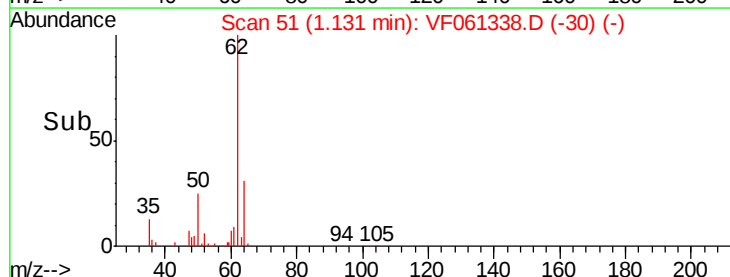
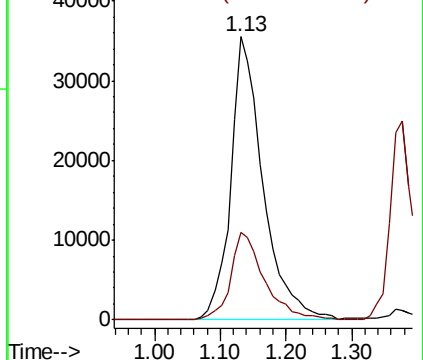
62 100

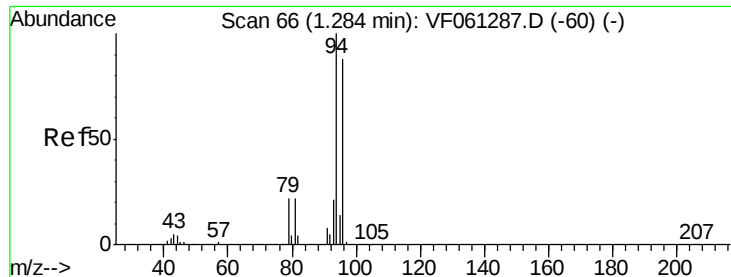
64 31.1 25.4 38.0



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

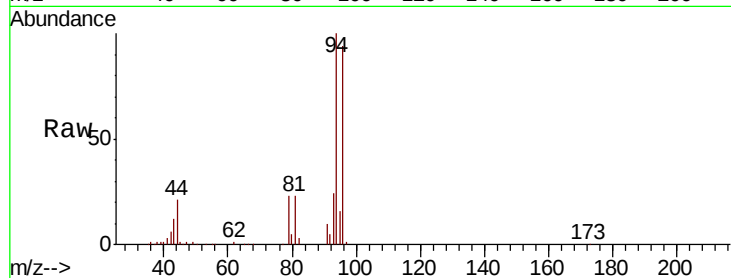
Acq: 10 Jan 2019 12:10

Tgt Ion: 94 Resp: 91555

Ion Ratio Lower Upper

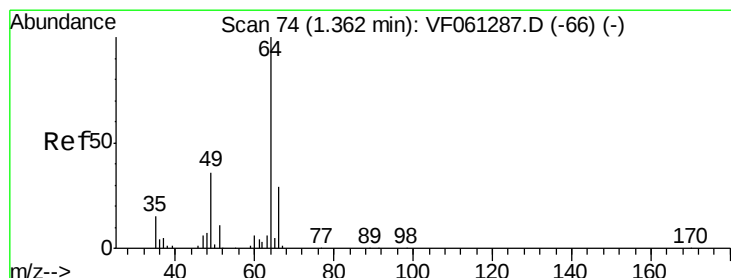
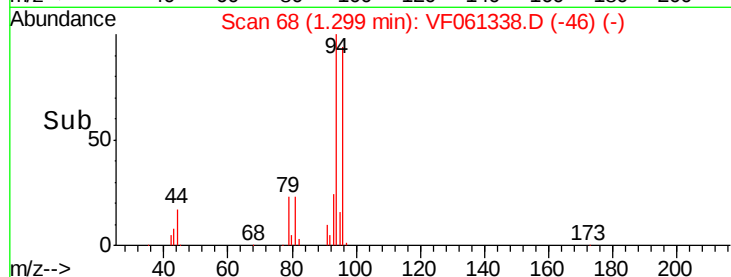
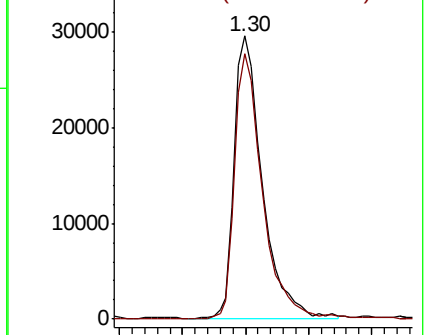
94 100

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

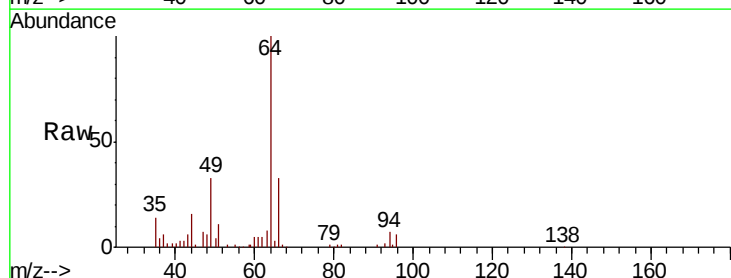
Acq: 10 Jan 2019 12:10

Tgt Ion: 64 Resp: 63261

Ion Ratio Lower Upper

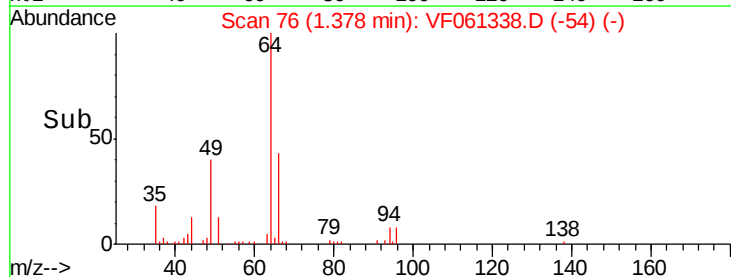
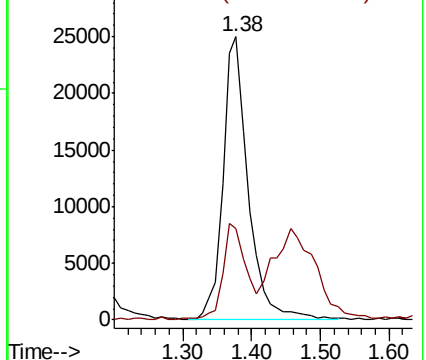
64 100

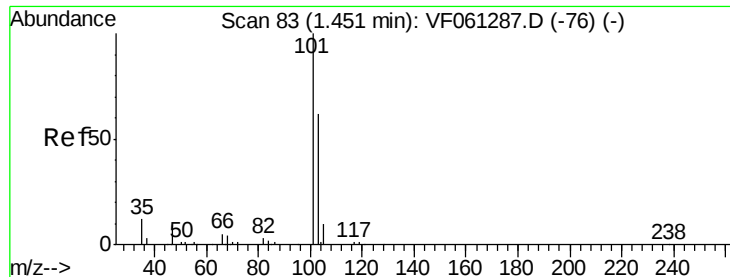
66 32.5 23.4 35.0



Abundance Ion 64.00 (63.70 to 64.70): VF0

Ion 66.00 (65.70 to 66.70): VF0

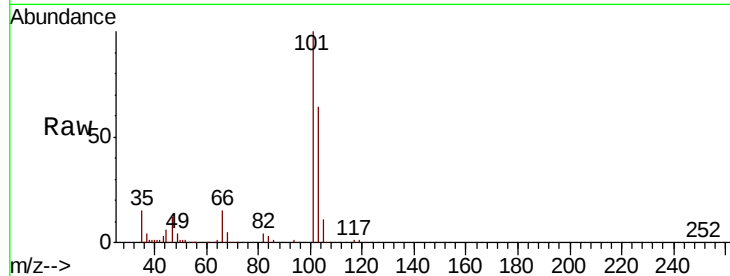




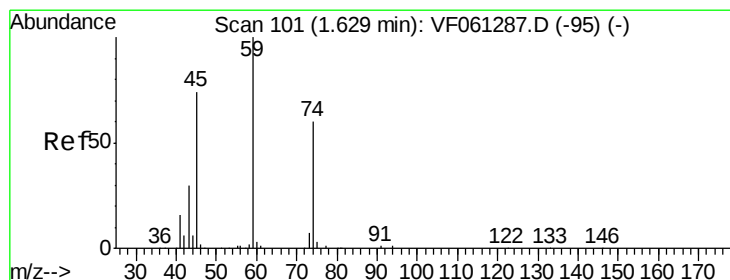
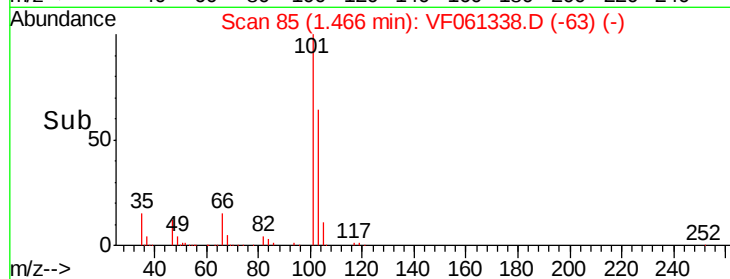
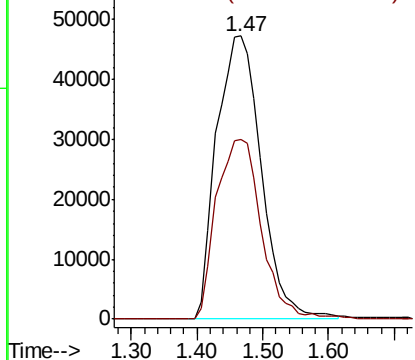
#7

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

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



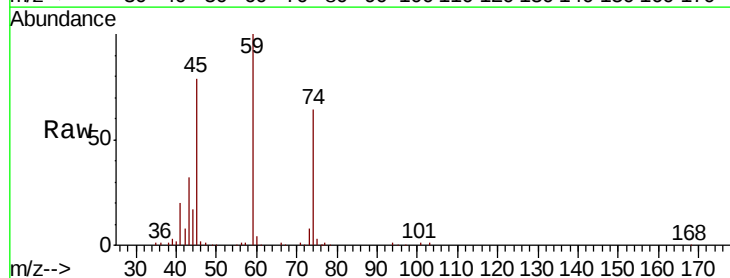
Abundance Ion 101.00 (100.70 to 101.70): V
Ion 103.00 (102.70 to 103.70): V



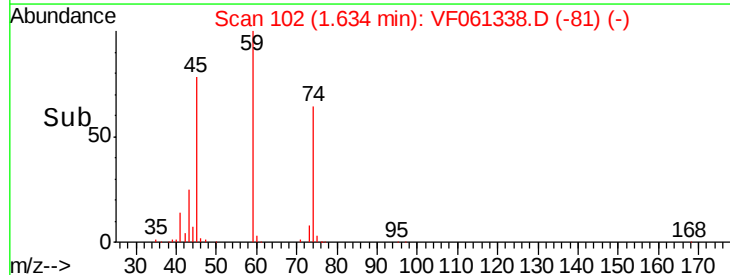
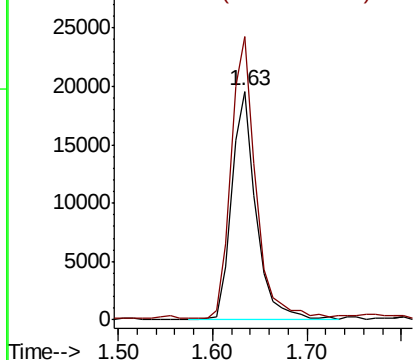
#8

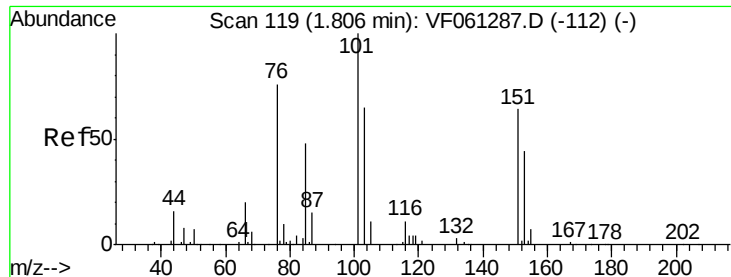
Diethyl Ether
Concen: 50.467 ug/l
RT: 1.63 min Scan# 102
Delta R.T. 0.01 min
Lab File: VF061338.D
Acq: 10 Jan 2019 12:10

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

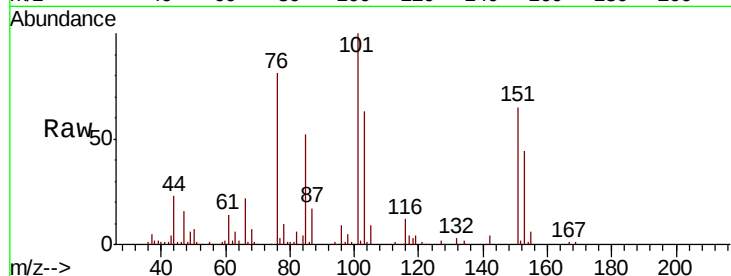
RT: 1.82 min Scan# 121

Delta R.T. 0.02 min

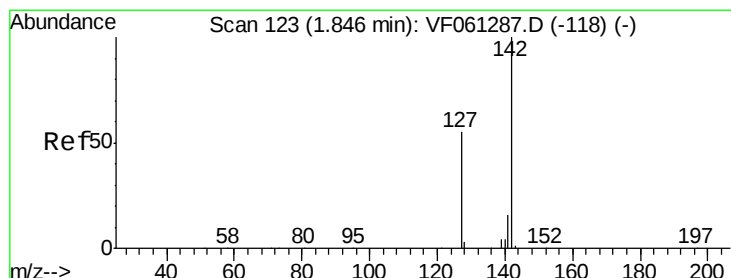
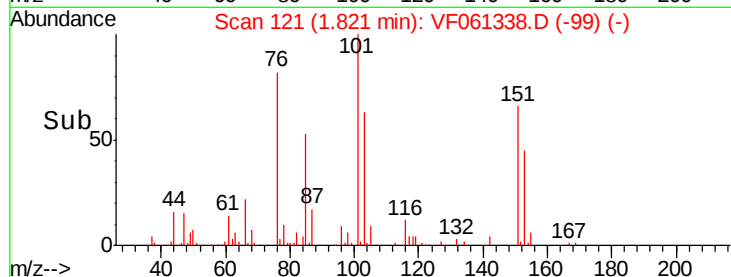
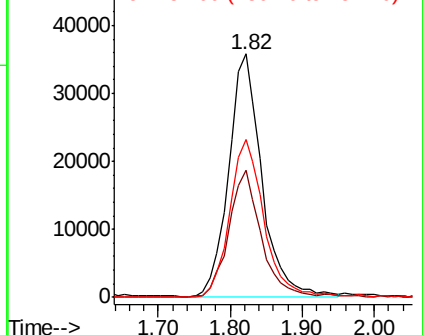
Lab File: VF061338.D

Acq: 10 Jan 2019 12:10

Tgt 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: 24.423 ug/l

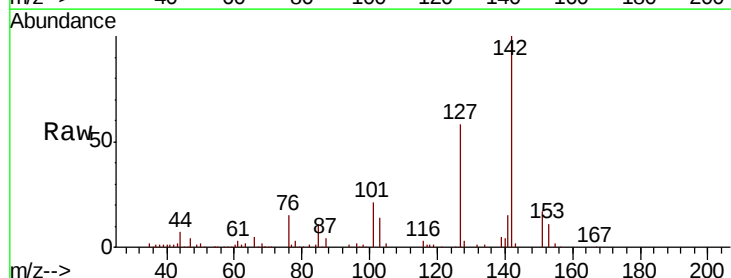
RT: 1.85 min Scan# 124

Delta R.T. 0.01 min

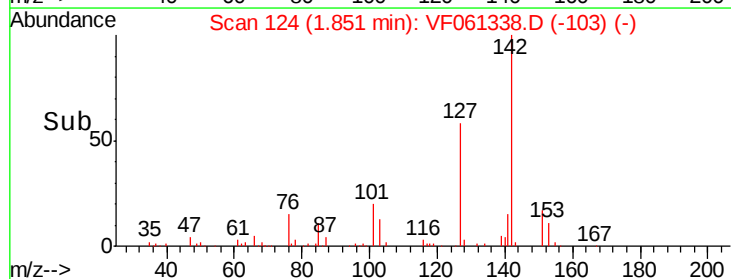
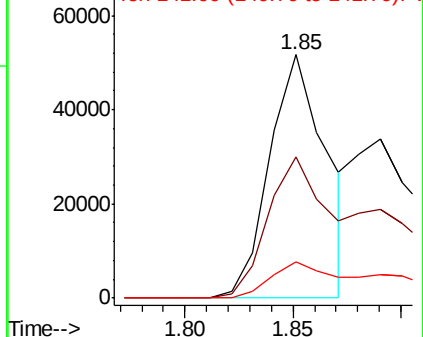
Lab File: VF061338.D

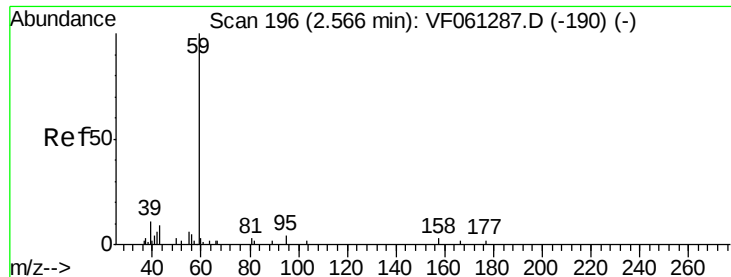
Acq: 10 Jan 2019 12:10

Tgt Ion:	142	Resp:	94896
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

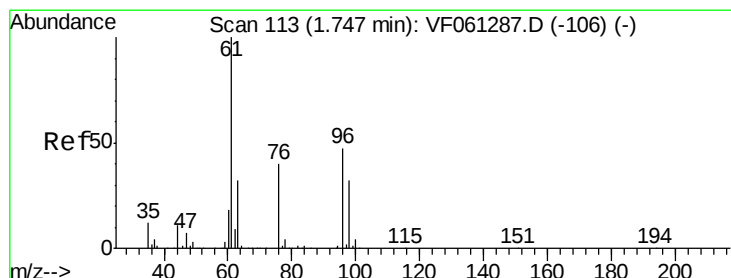
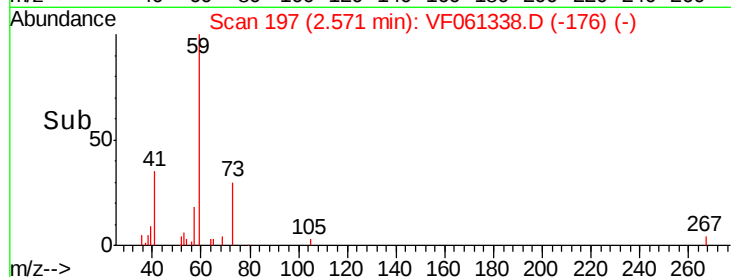
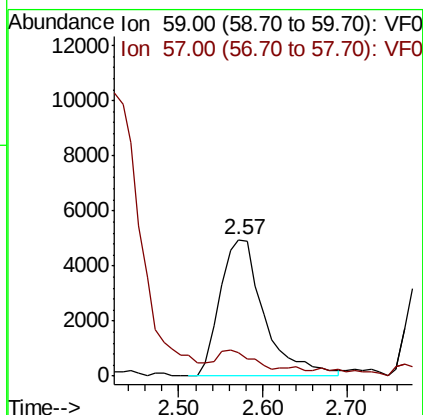
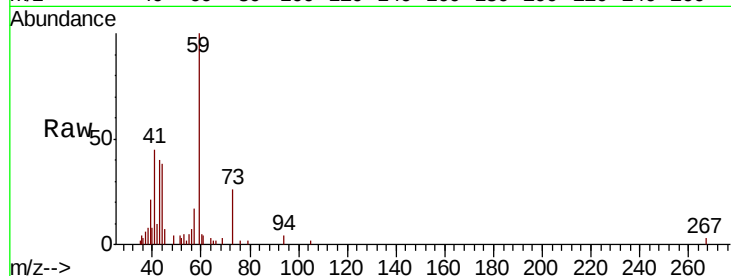




#11

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

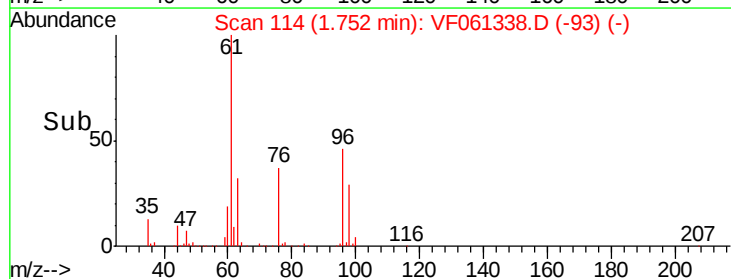
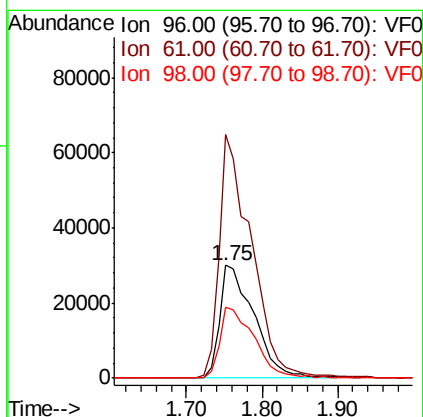
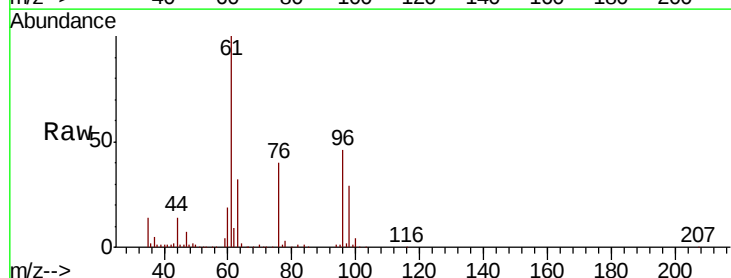
Tgt Ion: 59 Resp: 18112
Ion Ratio Lower Upper
59 100
57 17.5 15.1 22.7

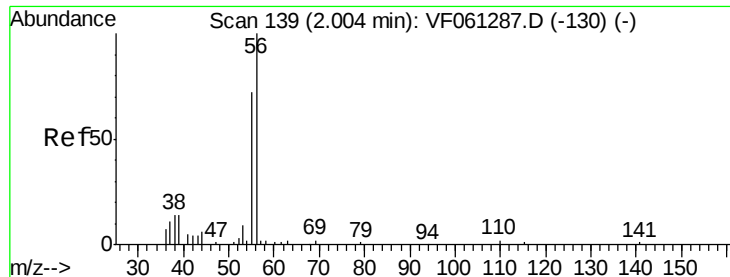


#12

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

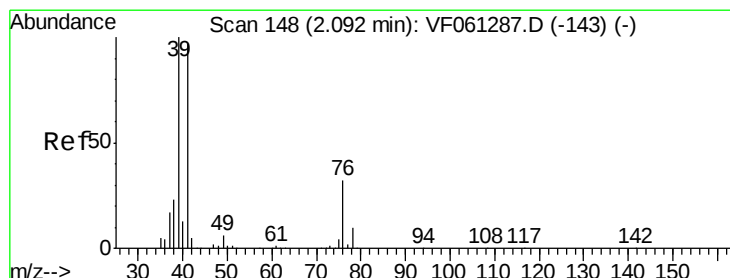
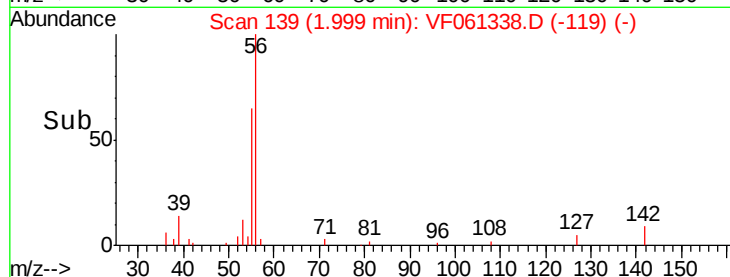
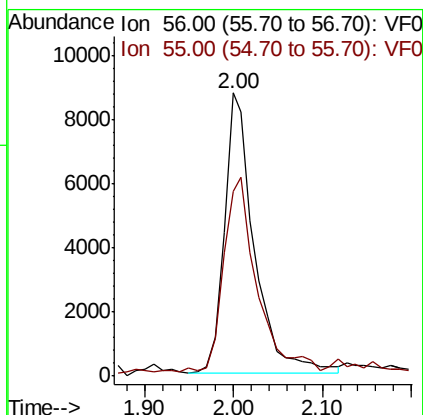
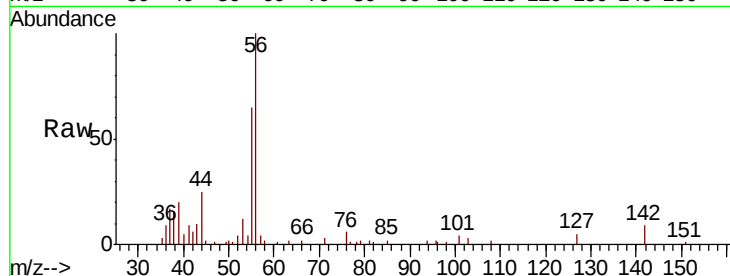
Tgt Ion: 96 Resp: 94273
Ion Ratio Lower Upper
96 100
61 215.5 171.8 257.8
98 62.2 54.2 81.4





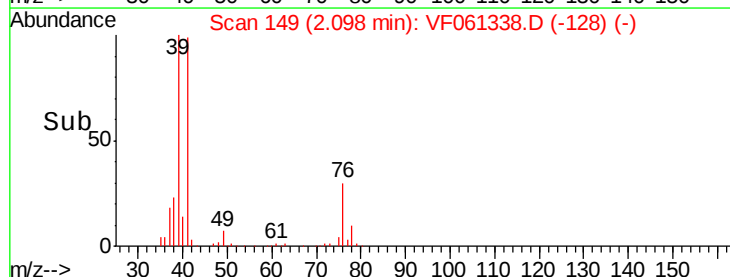
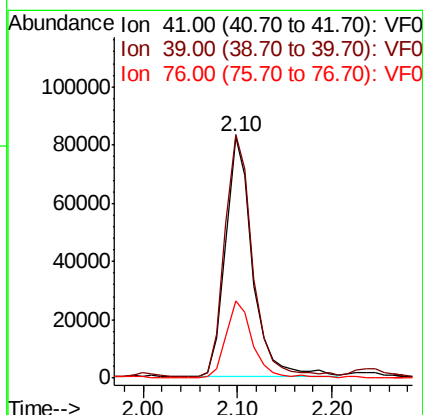
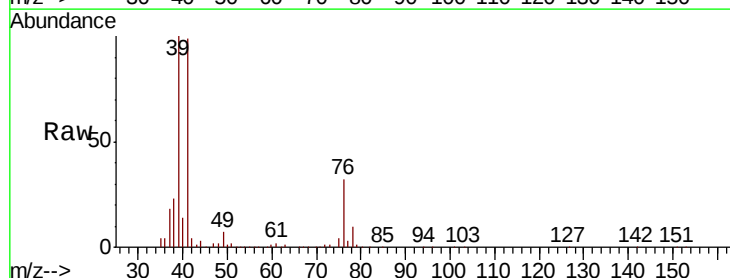
#13
Acrolein
Concen: 222.418 ug/l
RT: 2.00 min Scan# 139
Delta R.T. -0.00 min
Lab File: VF061338.D
Acq: 10 Jan 2019 12:10

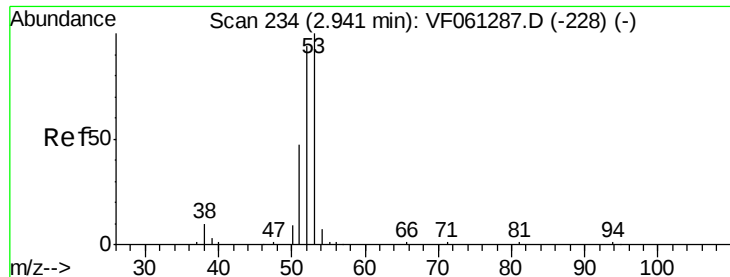
Tgt Ion: 56 Resp: 20556
Ion Ratio Lower Upper
56 100
55 65.4 59.4 89.0



#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

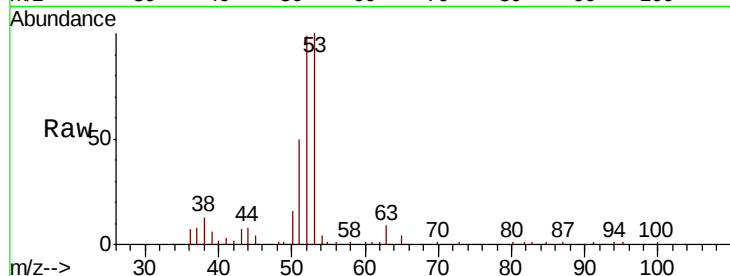
Tgt Ion: 53 Resp: 64177

Ion Ratio Lower Upper

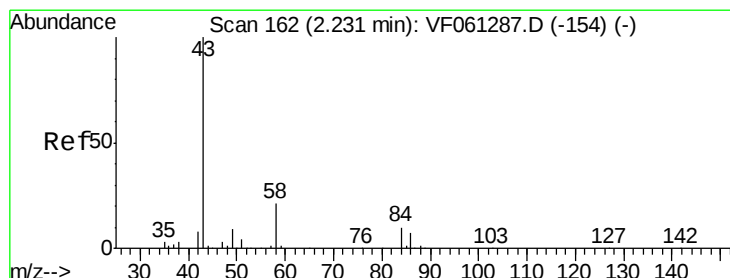
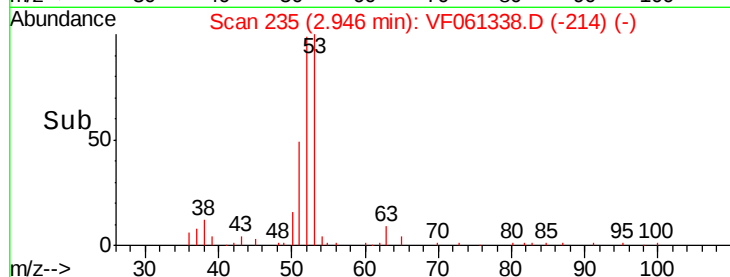
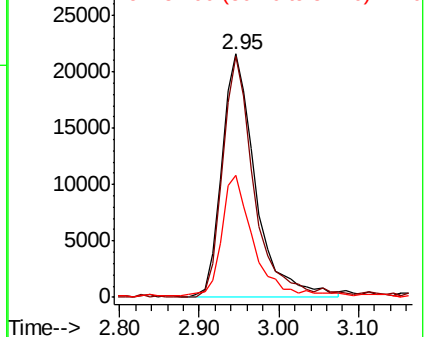
53 100

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

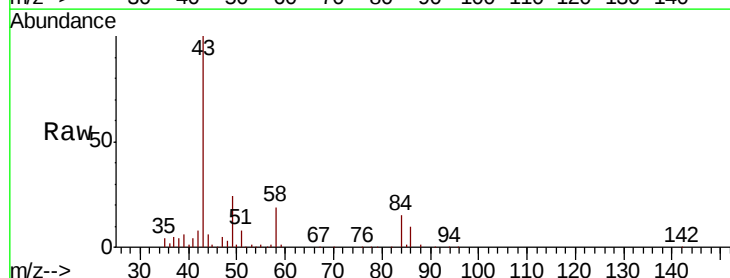
Acq: 10 Jan 2019 12:10

Tgt Ion: 43 Resp: 129009

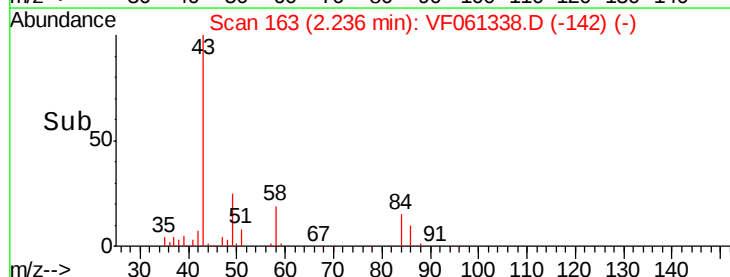
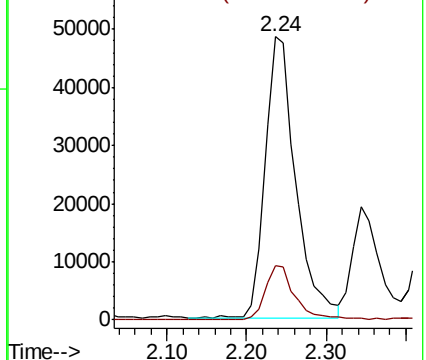
Ion Ratio Lower Upper

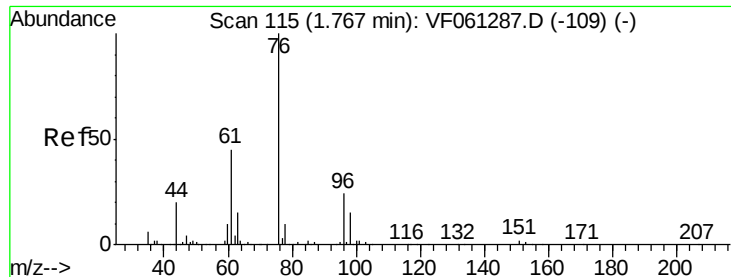
43 100

58 19.0 16.6 25.0



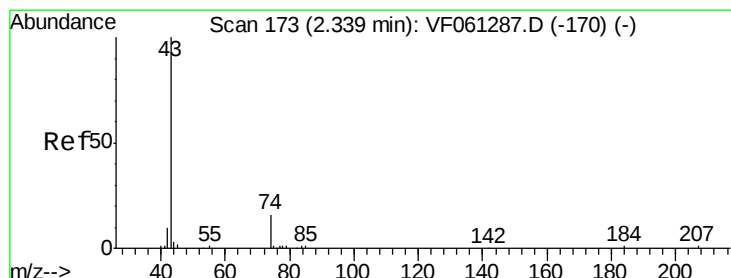
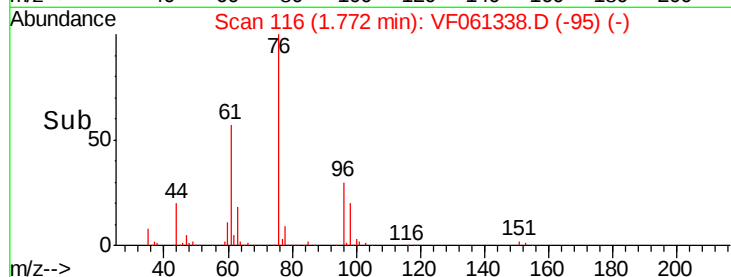
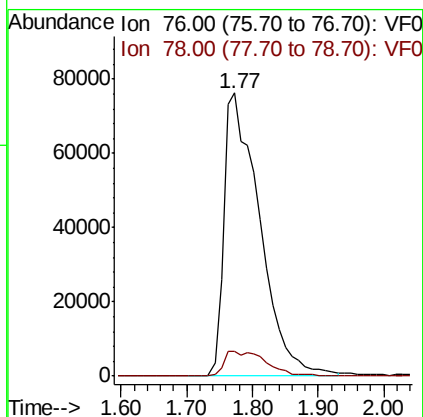
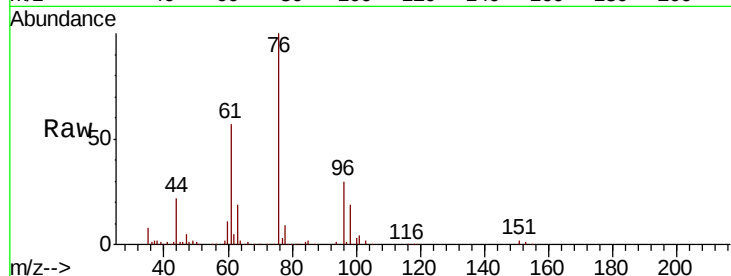
Abundance Ion 43.00 (42.70 to 43.70): VF0
Ion 58.00 (57.70 to 58.70): VF0





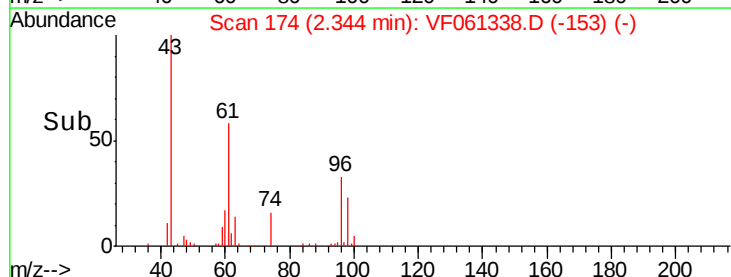
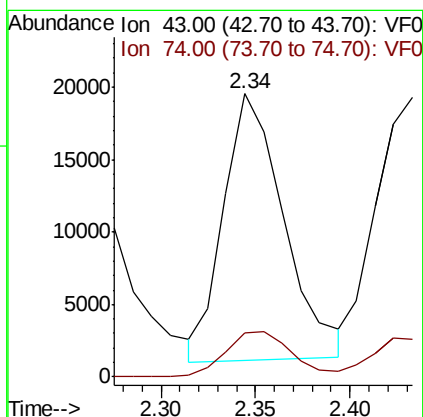
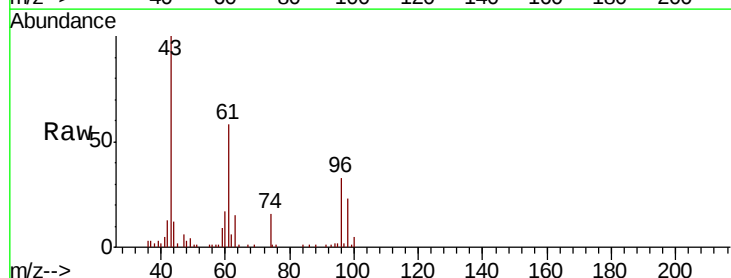
#17
Carbon Disulfide
Concen: 44.193 ug/l
RT: 1.77 min Scan# 116
Delta R.T. 0.01 min
Lab File: VF061338.D
Acq: 10 Jan 2019 12:10

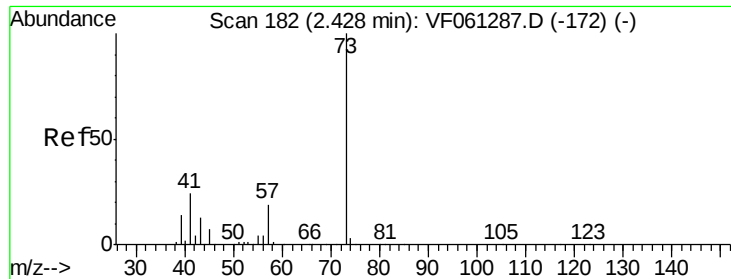
Tgt Ion: 76 Resp: 289488
Ion Ratio Lower Upper
76 100
78 8.8 7.8 11.6



#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

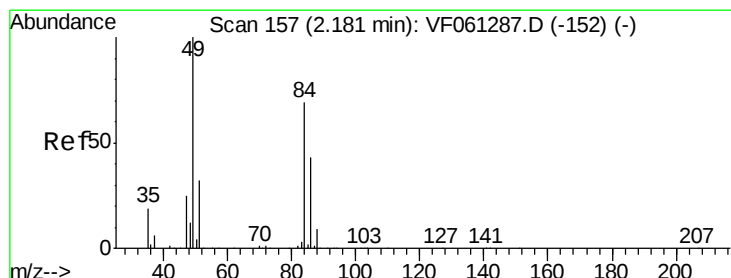
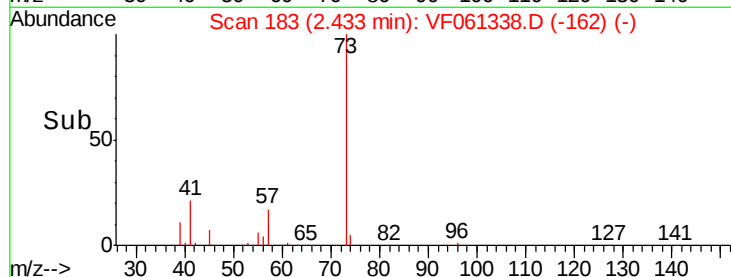
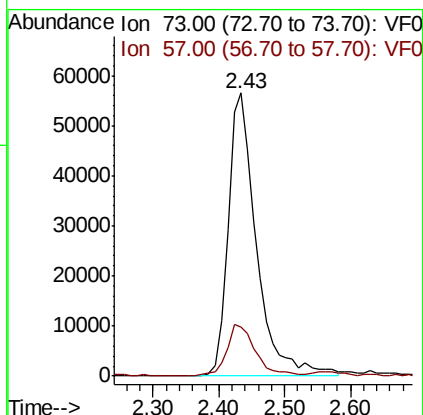
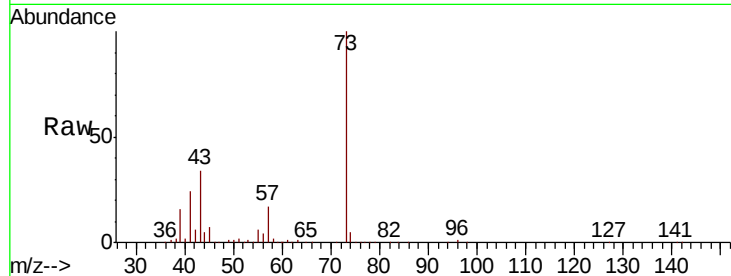




#19

Methyl tert-butyl 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

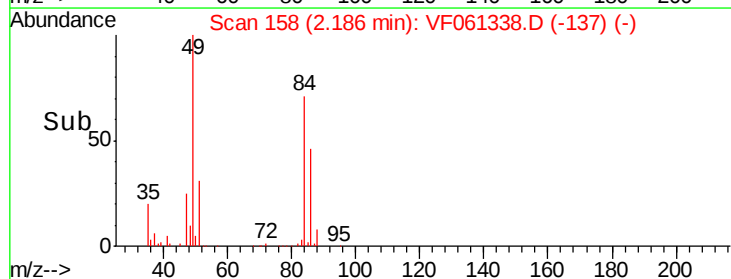
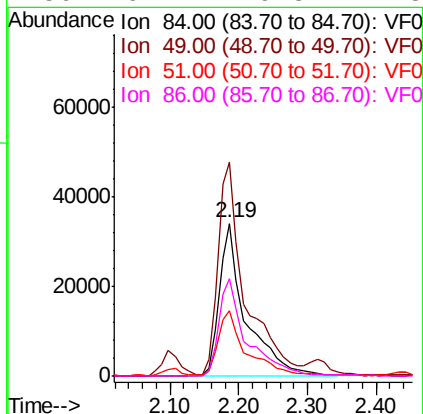
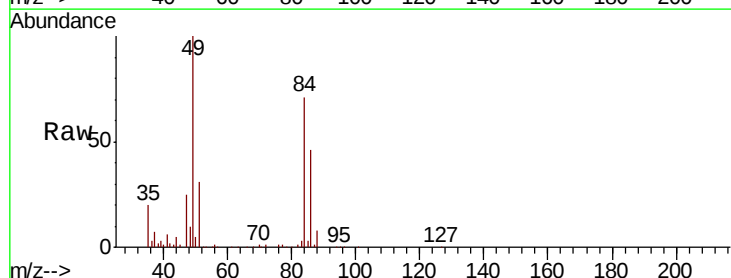
Tgt Ion: 73 Resp: 170103
 Ion Ratio Lower Upper
 73 100
 57 17.5 15.5 23.3

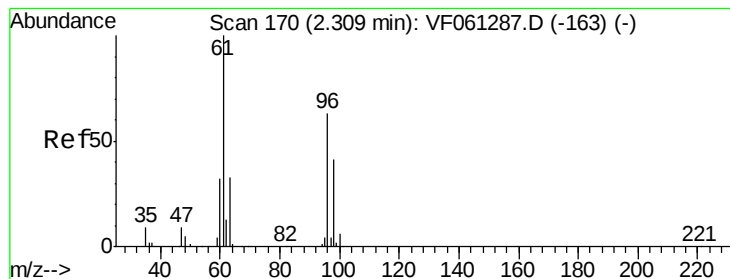


#20

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

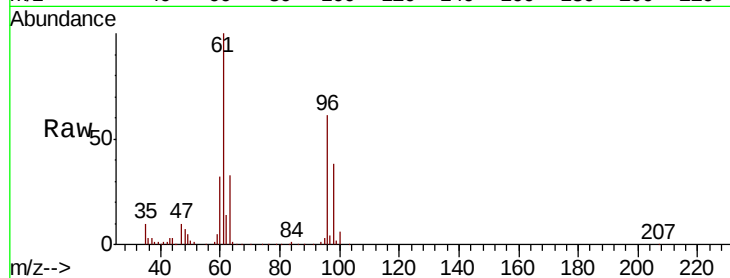
Tgt Ion: 96 Resp: 94962

Ion Ratio Lower Upper

96 100

61 164.2 127.0 190.4

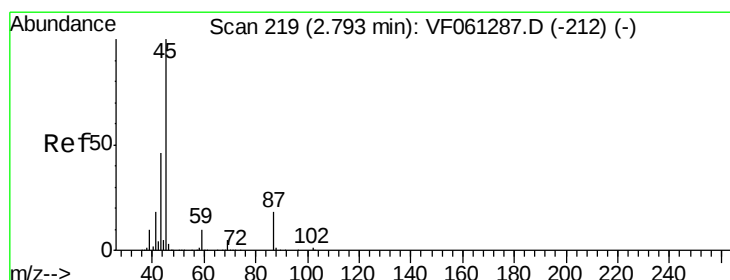
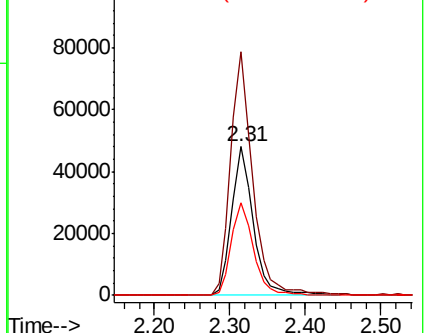
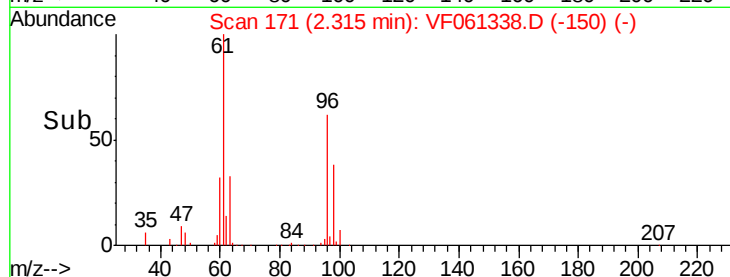
98 62.2 51.7 77.5



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

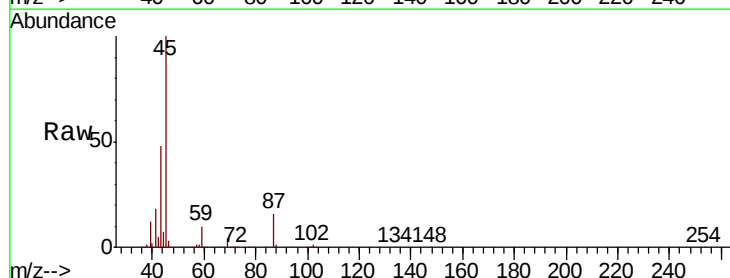
Ion Ratio Lower Upper

45 100

43 48.2 37.4 56.2

87 16.5 14.2 21.2

59 10.0 8.2 12.2

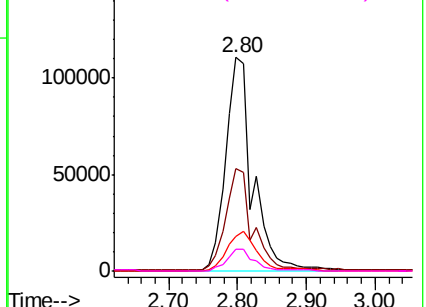
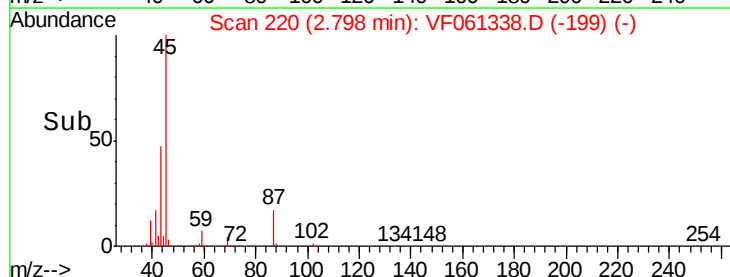


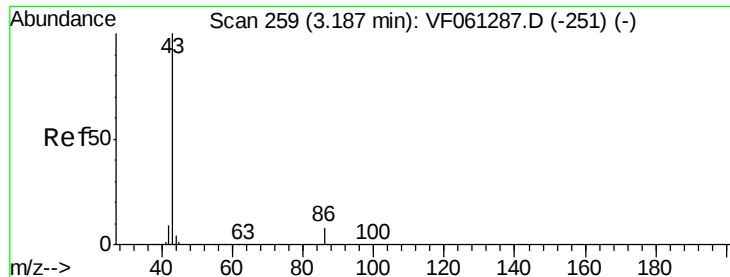
Abundance Ion 45.00 (44.70 to 45.70): VF0

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

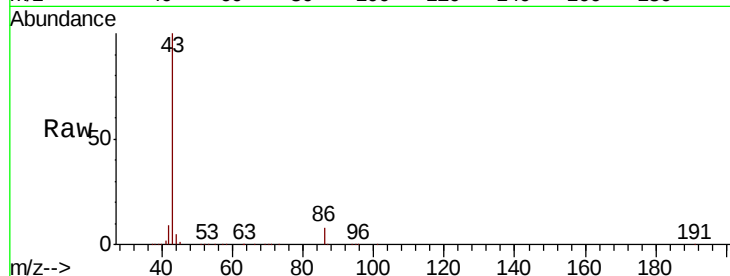
Acq: 10 Jan 2019 12:10

Tgt Ion: 43 Resp: 525403

Ion Ratio Lower Upper

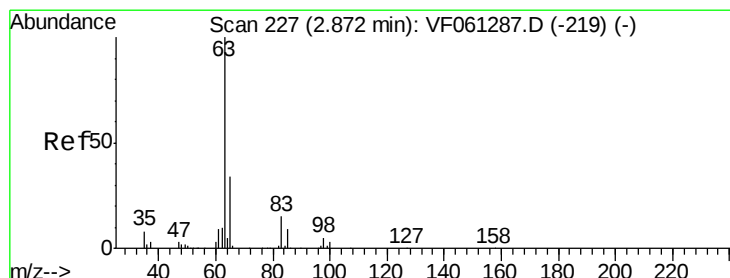
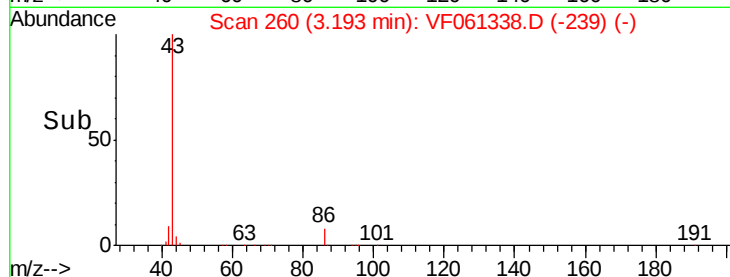
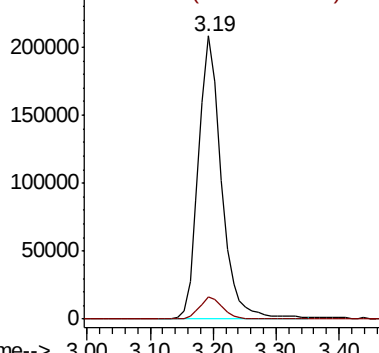
43 100

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

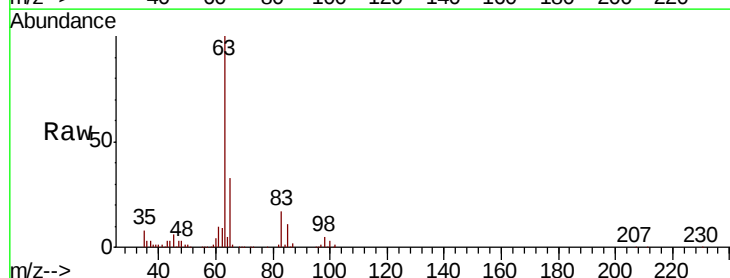
Tgt Ion: 63 Resp: 184714

Ion Ratio Lower Upper

63 100

98 5.2 2.5 7.6

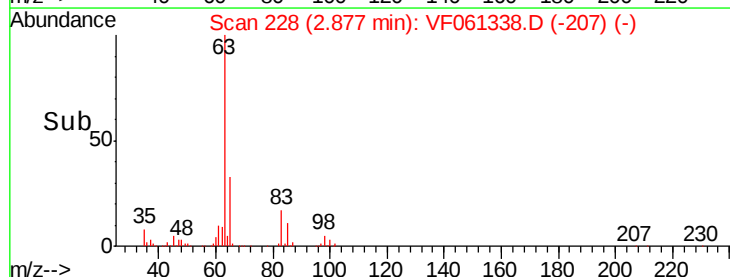
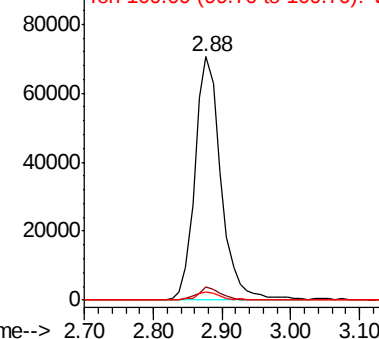
100 3.2 1.7 5.0

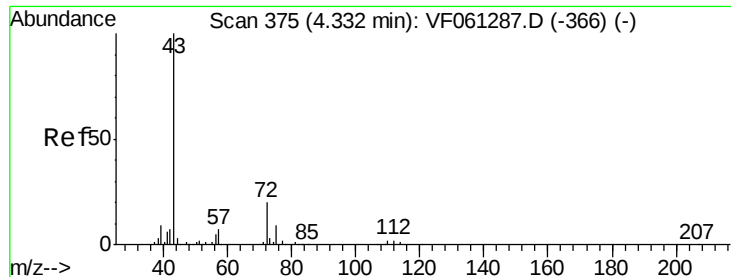


Abundance Ion 63.00 (62.70 to 63.70): VF0

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

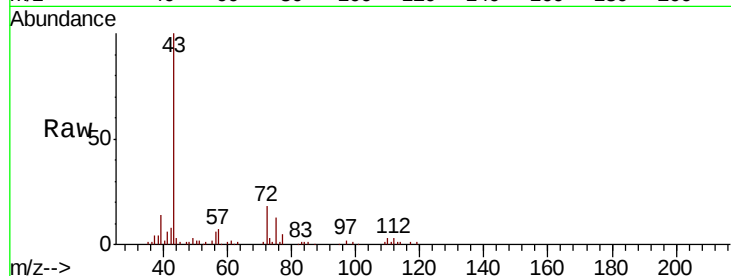
Acq: 10 Jan 2019 12:10

Tgt Ion: 43 Resp: 186858

Ion Ratio Lower Upper

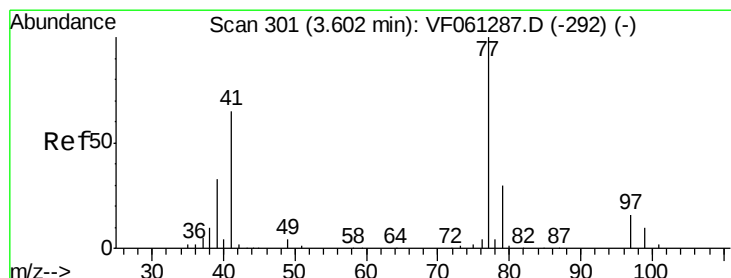
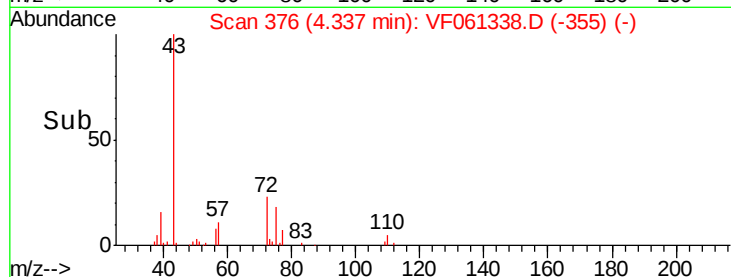
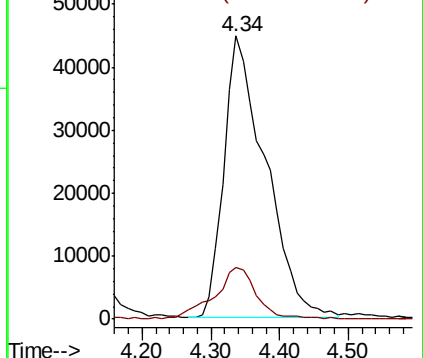
43 100

72 18.3 16.5 24.7



Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 72.00 (71.70 to 72.70): VF0



#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

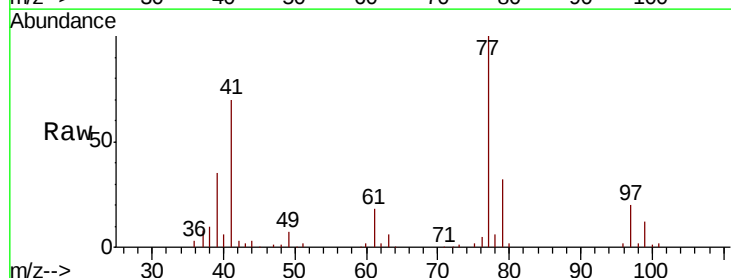
Acq: 10 Jan 2019 12:10

Tgt Ion: 77 Resp: 122504

Ion Ratio Lower Upper

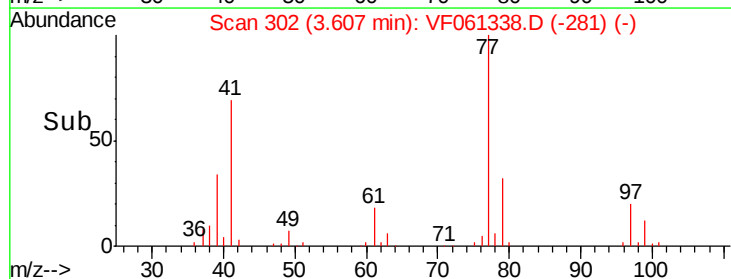
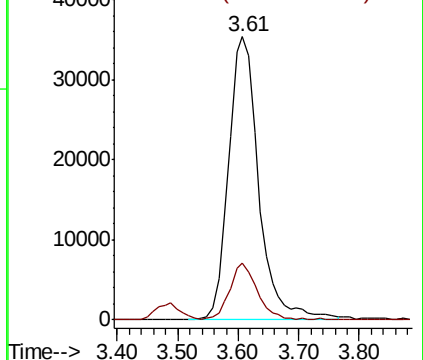
77 100

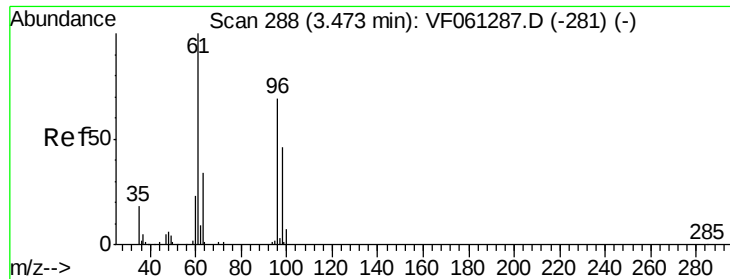
97 20.1 8.6 25.9



Abundance Ion 77.00 (76.70 to 77.70): VF0

Ion 97.00 (96.70 to 97.70): VF0

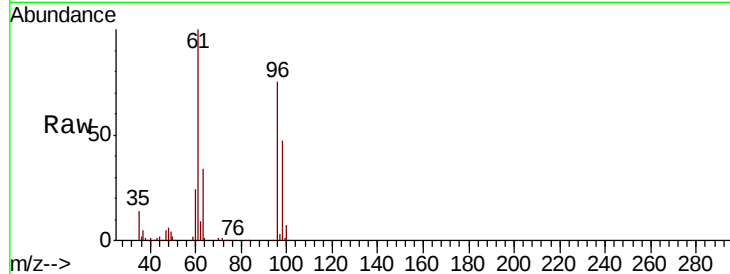




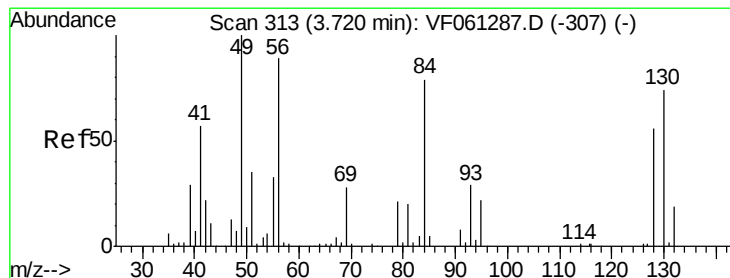
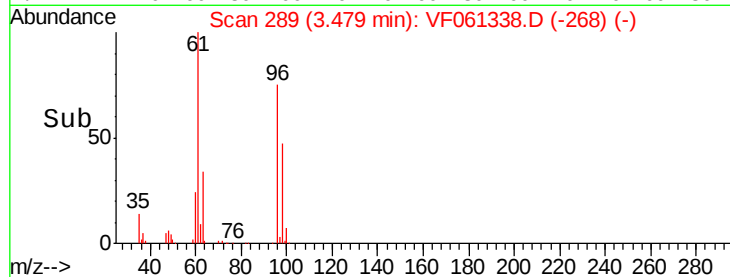
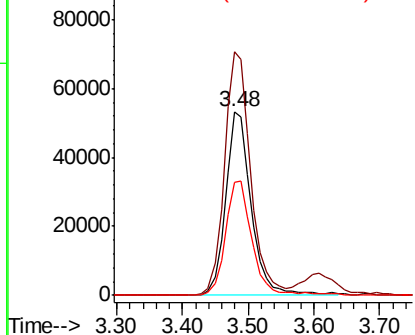
#27

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

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



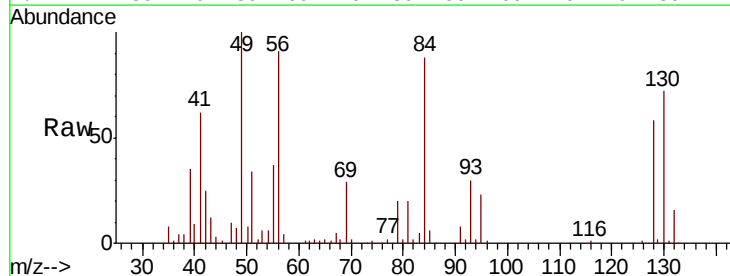
Abundance Ion 96.00 (95.70 to 96.70): VF0
Ion 61.00 (60.70 to 61.70): VF0
Ion 98.00 (97.70 to 98.70): VF0



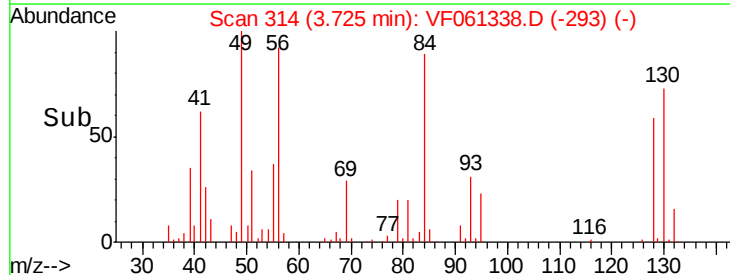
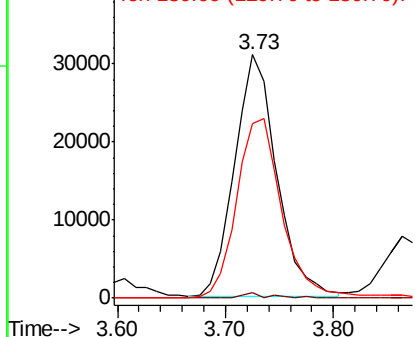
#28

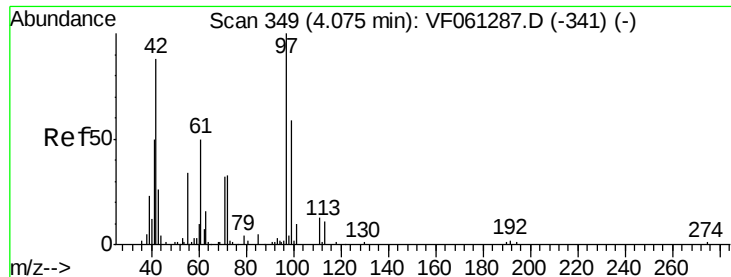
Bromochloromethane
Concen: 47.009 ug/l
RT: 3.73 min Scan# 314
Delta R.T. 0.01 min
Lab File: VF061338.D
Acq: 10 Jan 2019 12:10

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



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





#29

Tetrahydrofuran

Concen: 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

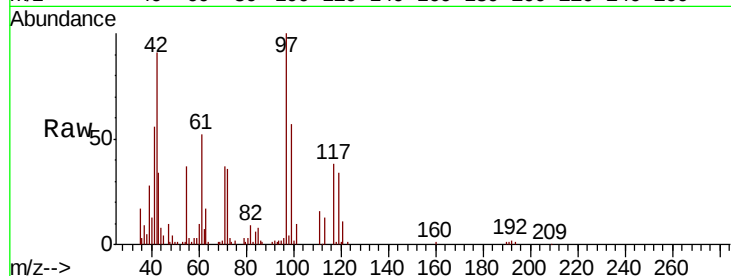
Tgt Ion: 42 Resp: 71435

Ion Ratio Lower Upper

42 100

72 37.4 32.3 48.5

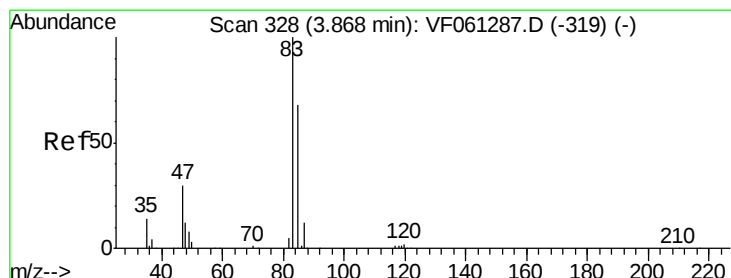
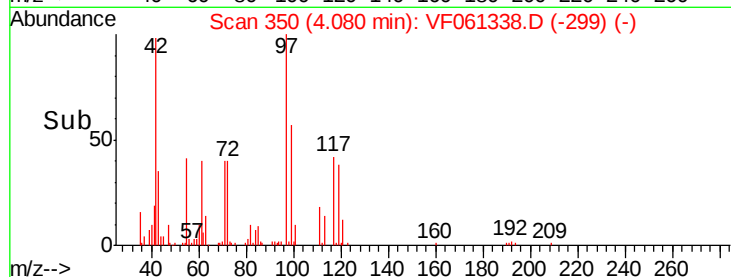
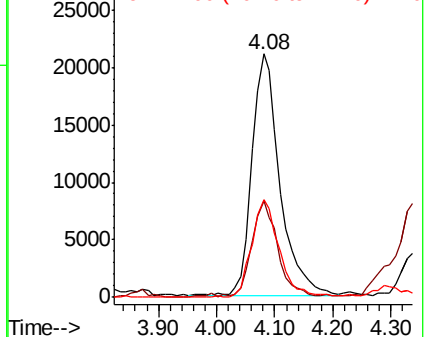
71 39.6 29.5 44.3



Abundance Ion 42.00 (41.70 to 42.70): VF0

Ion 72.00 (71.70 to 72.70): VF0

Ion 71.00 (70.70 to 71.70): VF0



#30

Chloroform

Concen: 46.015 ug/l

RT: 3.86 min Scan# 328

Delta R.T. -0.00 min

Lab File: VF061338.D

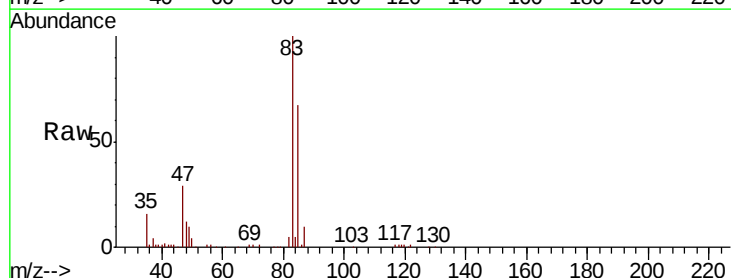
Acq: 10 Jan 2019 12:10

Tgt Ion: 83 Resp: 236970

Ion Ratio Lower Upper

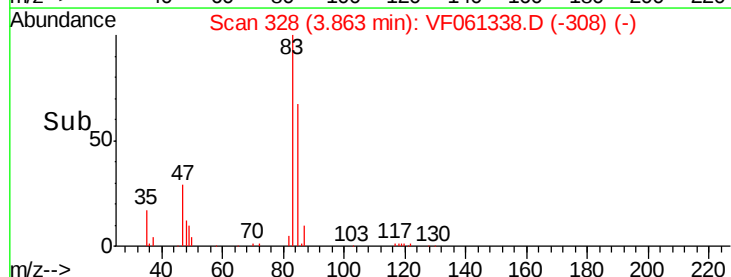
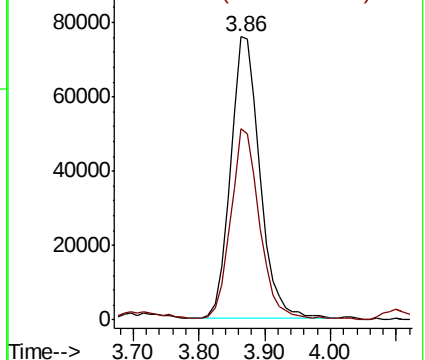
83 100

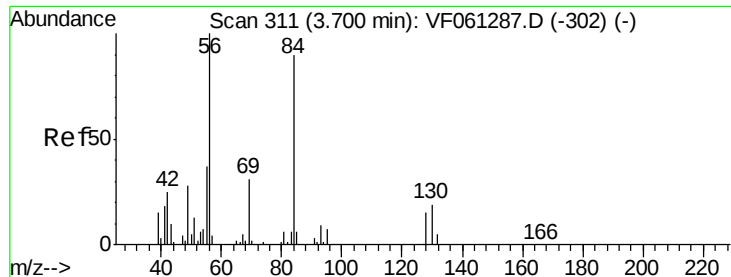
85 67.4 54.4 81.6



Abundance Ion 83.00 (82.70 to 83.70): VF0

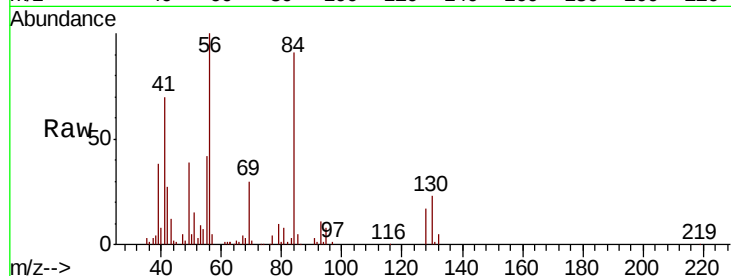
Ion 85.00 (84.70 to 85.70): VF0





#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

Tgt Ion	Ratio	Lower	Upper
56	100		
69	30.1	24.7	37.1
84	90.7	72.2	108.4

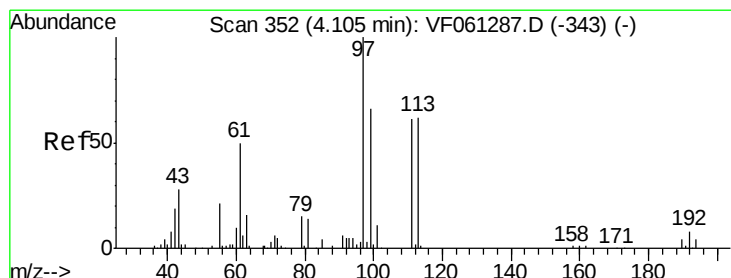
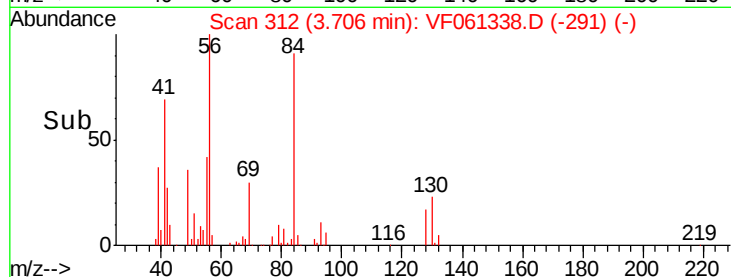
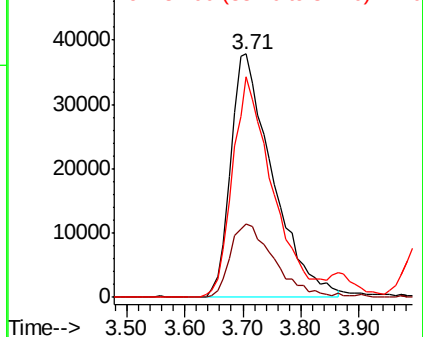


Abundance

Ion 56.00 (55.70 to 56.70): VF0

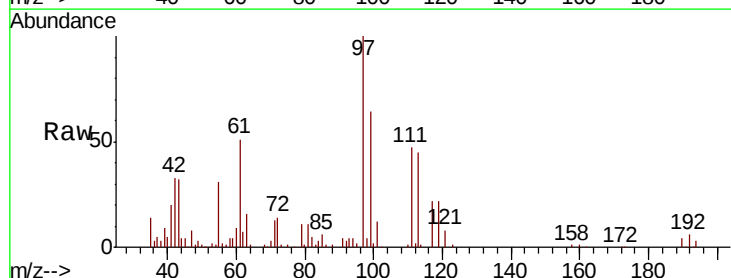
Ion 69.00 (68.70 to 69.70): VF0

Ion 84.00 (83.70 to 84.70): VF0



#32
1,1,1-Trichloroethane
Concen: 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	Ratio	Lower	Upper
97	100		
99	63.8	52.7	79.1
61	51.1	40.8	61.2

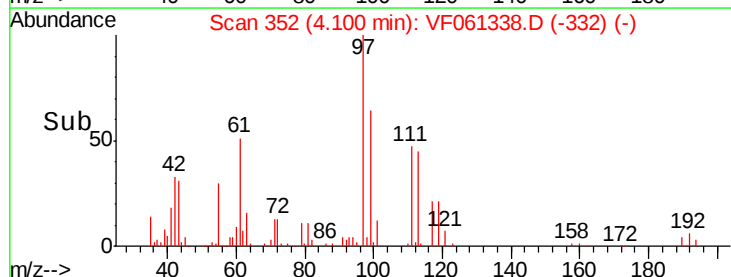
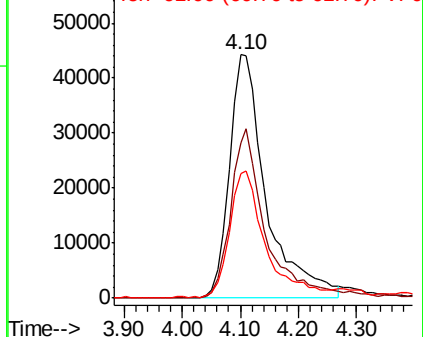


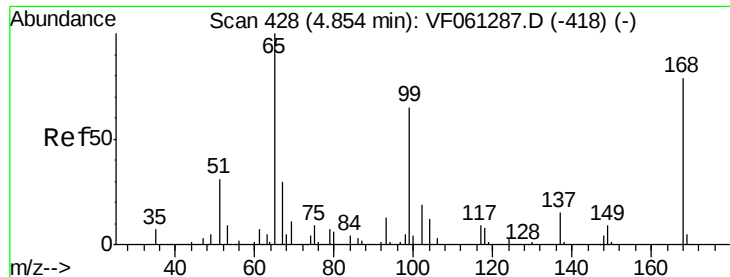
Abundance

Ion 97.00 (96.70 to 97.70): VF0

Ion 99.00 (98.70 to 99.70): VF0

Ion 61.00 (60.70 to 61.70): VF0





#33

1,2-Dichloroethane-d4

Concen: 49.431 ug/l

RT: 4.85 min Scan# 428

Delta R.T. -0.00 min

Lab File: VF061338.D

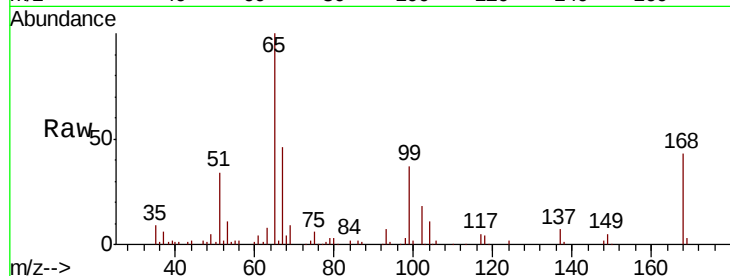
Acq: 10 Jan 2019 12:10

Tgt Ion: 65 Resp: 103836

Ion Ratio Lower Upper

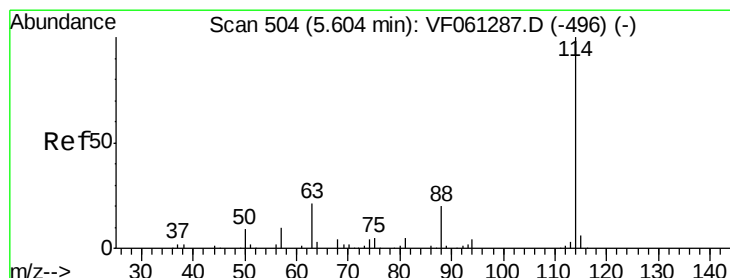
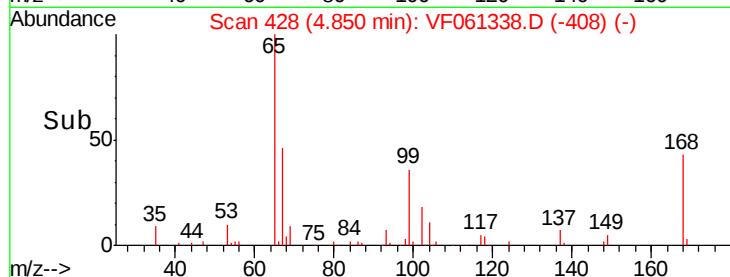
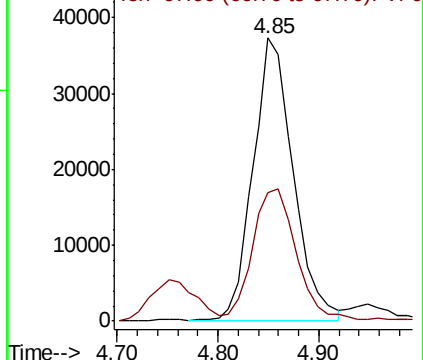
65 100

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

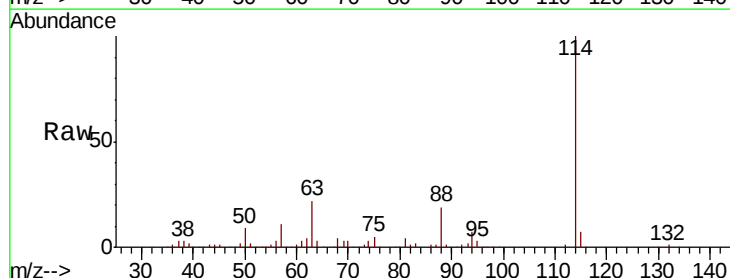
Tgt Ion: 114 Resp: 319689

Ion Ratio Lower Upper

114 100

63 21.5 0.0 42.8

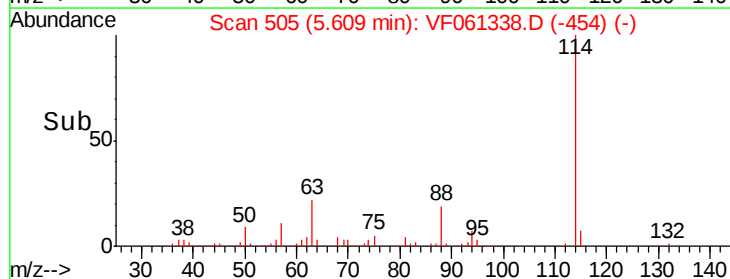
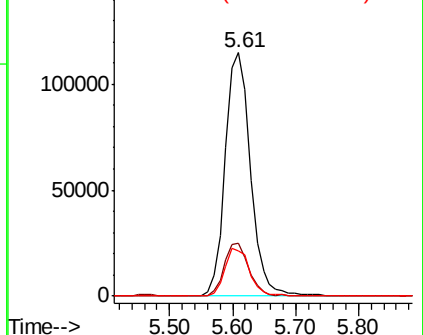
88 18.6 0.0 40.0

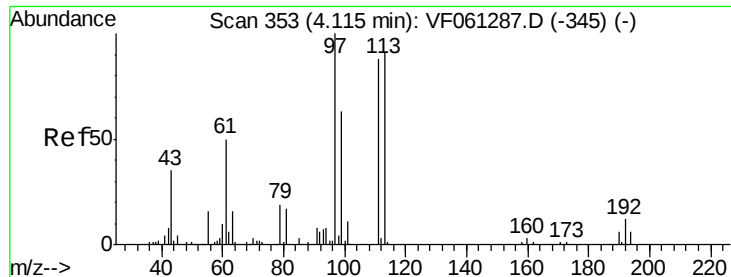


Abundance Ion 114.00 (113.70 to 114.70): V

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

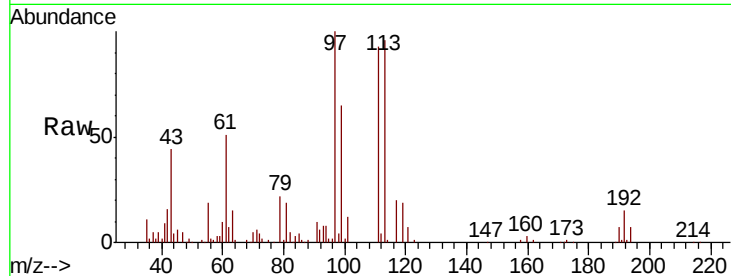
Tgt Ion: 113 Resp: 117396

Ion Ratio Lower Upper

113 100

111 97.4 78.0 117.0

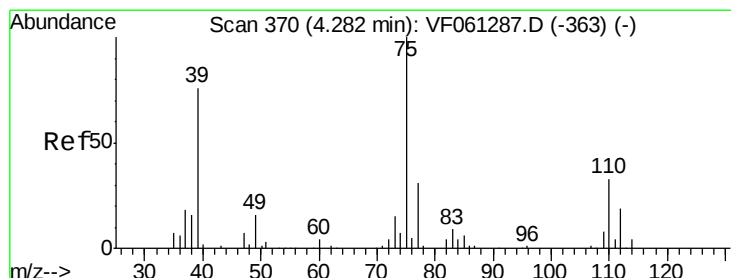
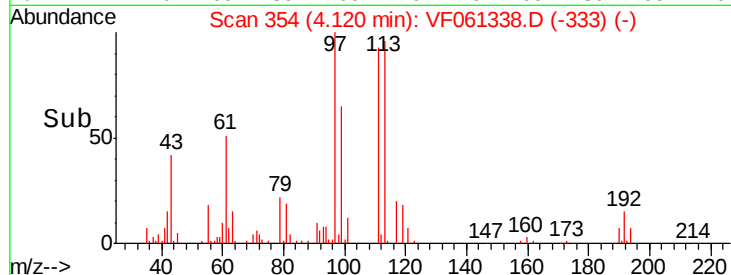
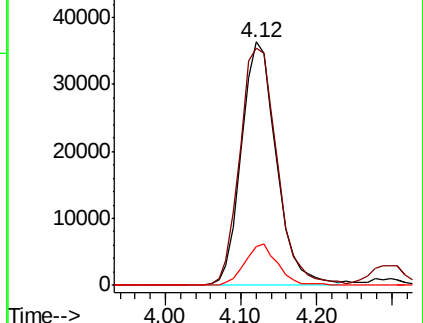
192 16.8 10.6 16.0#



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

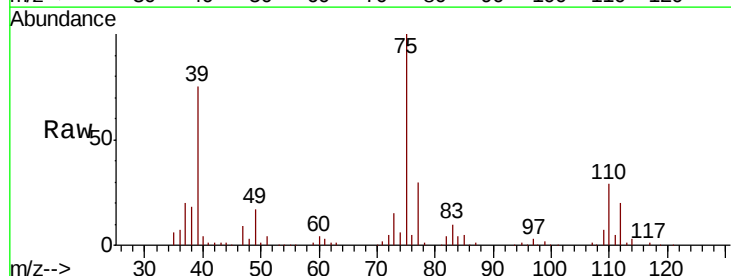
Tgt Ion: 75 Resp: 179064

Ion Ratio Lower Upper

75 100

110 29.4 16.6 49.8

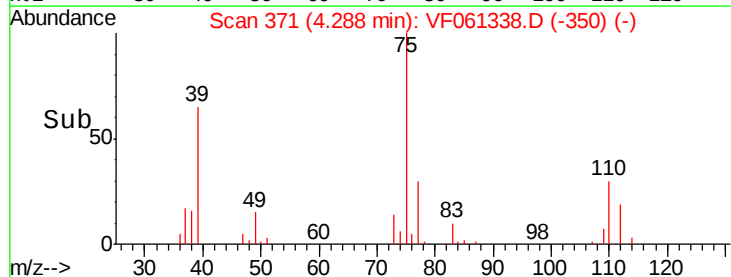
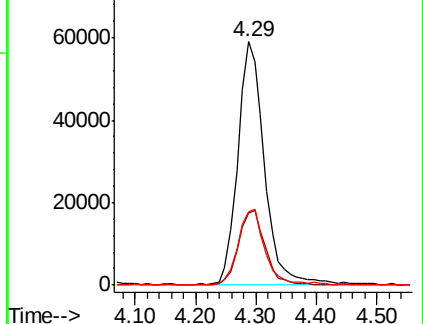
77 30.2 25.1 37.7

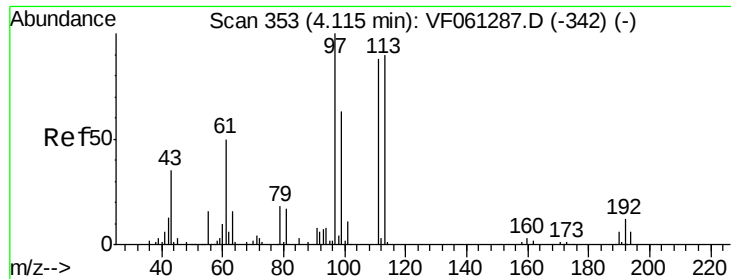


Abundance Ion 75.00 (74.70 to 75.70): VF0

Ion 110.00 (109.70 to 110.70): V

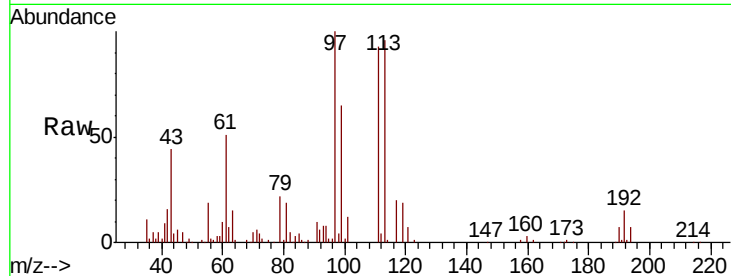
Ion 77.00 (76.70 to 77.70): VF0



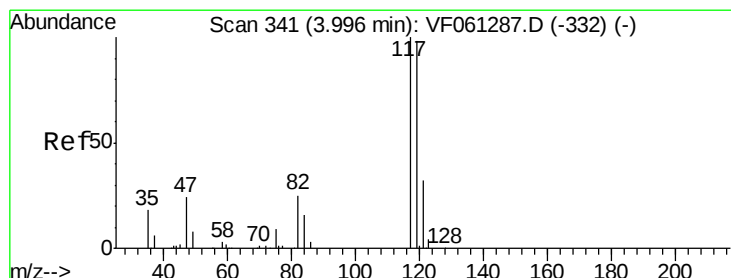
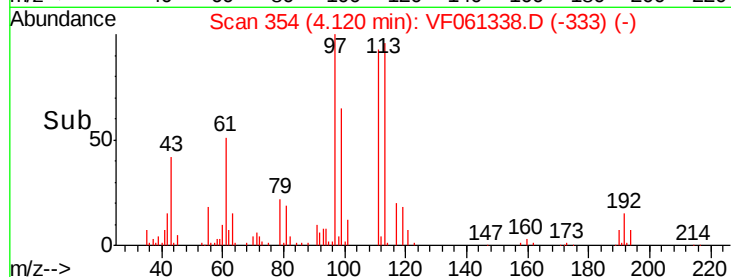
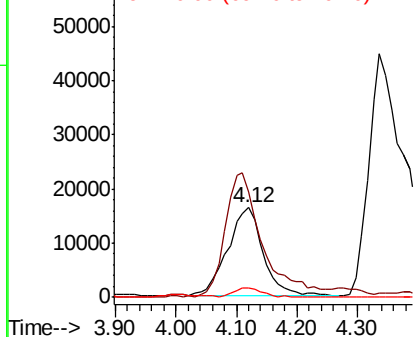


#37
Ethyl Acetate
Concen: 48.822 ug/l
RT: 4.12 min Scan# 354
Delta R.T. 0.01 min
Lab File: VF061338.D
Acq: 10 Jan 2019 12:10

Tgt Ion: 43 Resp: 66373
Ion Ratio Lower Upper
43 100
61 117.8 113.3 169.9
70 11.0 9.4 14.0

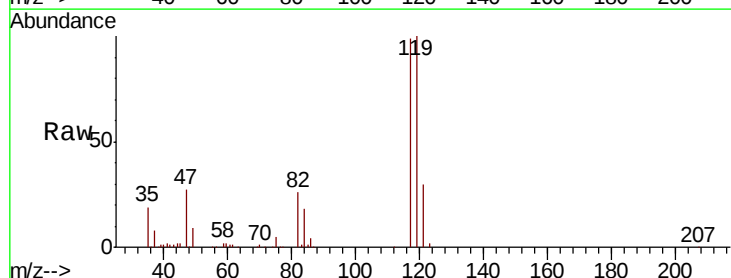


Abundance Ion 43.00 (42.70 to 43.70): VF0
Ion 61.00 (60.70 to 61.70): VF0
Ion 70.00 (69.70 to 70.70): VF0

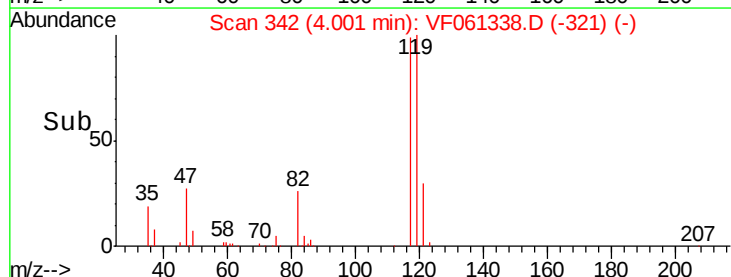
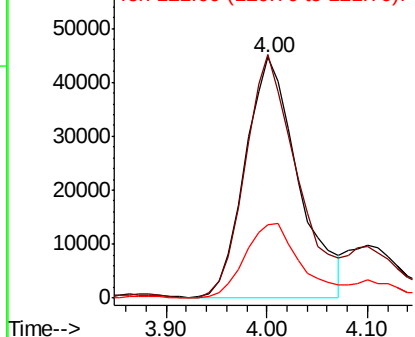


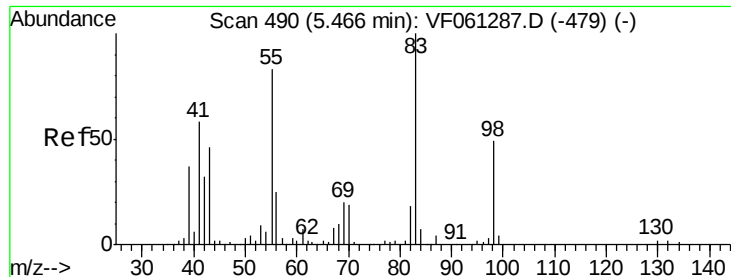
#38
Carbon Tetrachloride
Concen: 46.189 ug/l
RT: 4.00 min Scan# 342
Delta R.T. 0.01 min
Lab File: VF061338.D
Acq: 10 Jan 2019 12:10

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



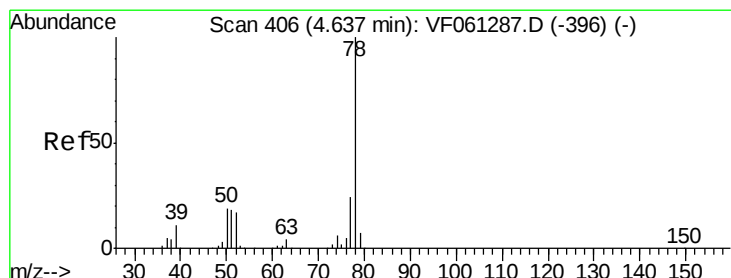
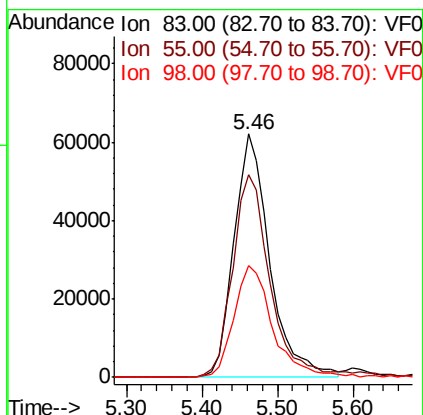
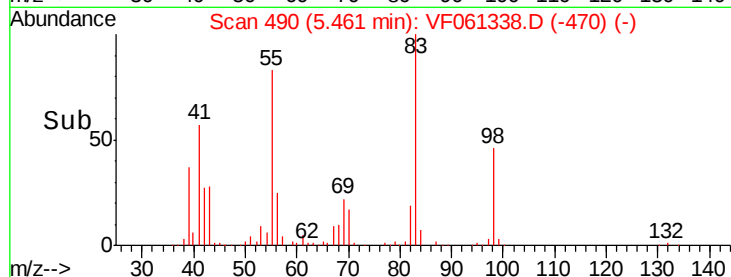
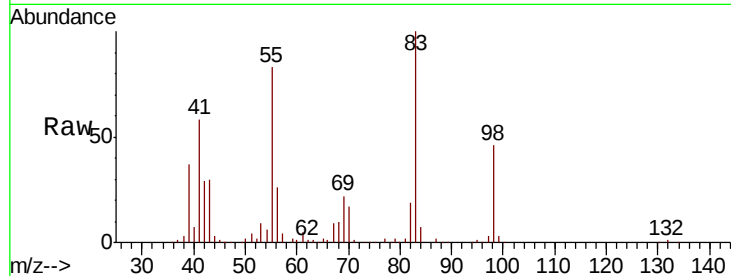
Abundance Ion 117.00 (116.70 to 117.70): V
Ion 119.00 (118.70 to 119.70): V
Ion 121.00 (120.70 to 121.70): V





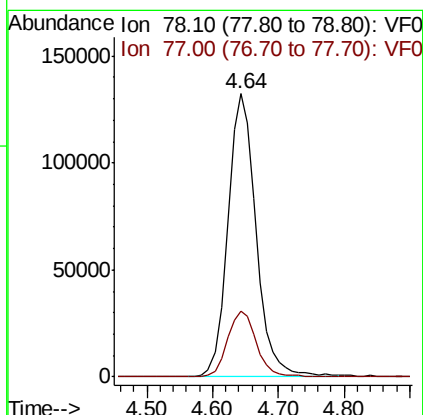
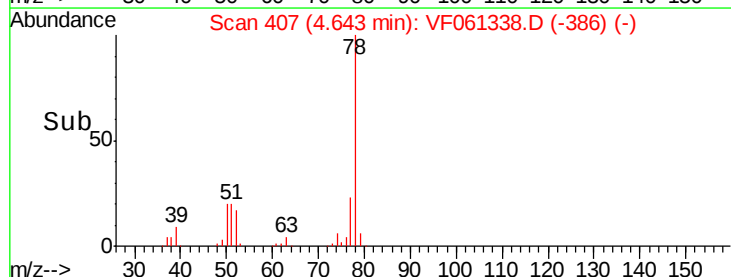
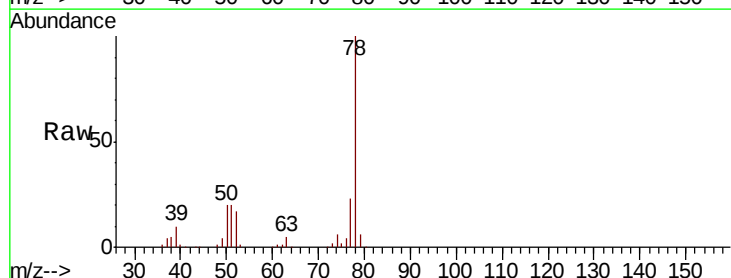
#39
Methylcyclohexane
Concen: 43.528 ug/l
RT: 5.46 min Scan# 490
Delta R.T. -0.00 min
Lab File: VF061338.D
Acq: 10 Jan 2019 12:10

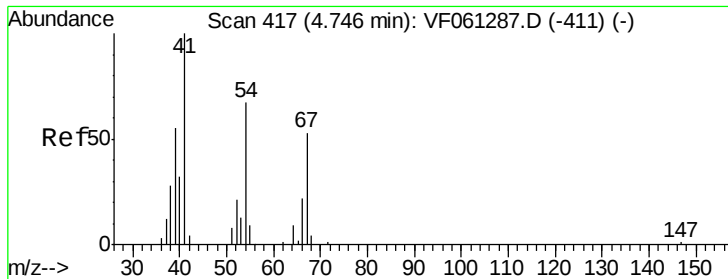
Tgt Ion	Ratio	Lower	Upper
83	100		
55	83.4	66.4	99.6
98	46.2	39.1	58.7



#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	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

Tgt Ion: 41 Resp: 37268

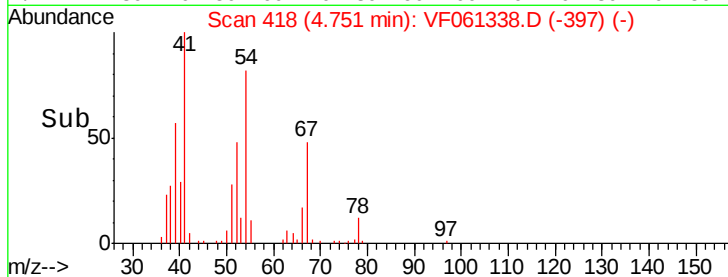
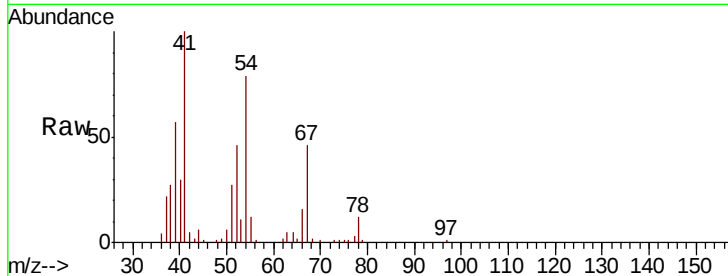
Ion Ratio Lower Upper

41 100

39 56.6 52.7 79.1

67 45.8 41.4 62.2

52 45.9 33.0 49.4

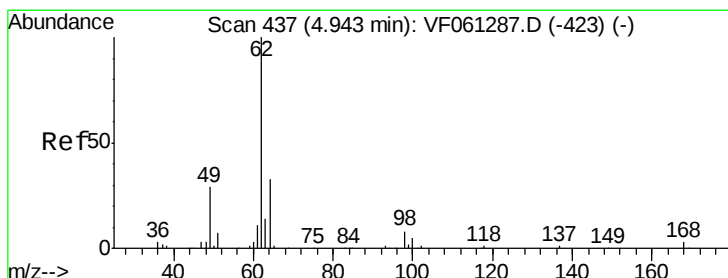
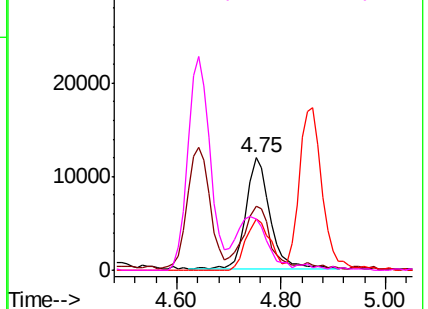


Abundance Ion 41.00 (40.70 to 41.70): VF0

Ion 39.00 (38.70 to 39.70): VF0

Ion 67.00 (66.70 to 67.70): VF0

Ion 52.00 (51.70 to 52.70): VF0



#42

1,2-Dichloroethane

Concen: 52.123 ug/l

RT: 4.95 min Scan# 438

Delta R.T. 0.01 min

Lab File: VF061338.D

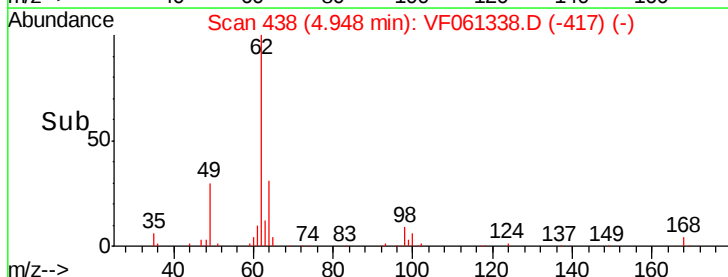
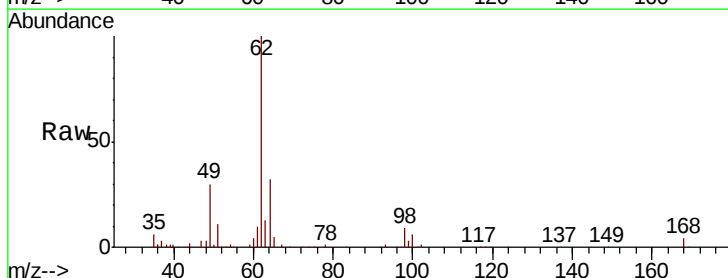
Acq: 10 Jan 2019 12:10

Tgt Ion: 62 Resp: 141437

Ion Ratio Lower Upper

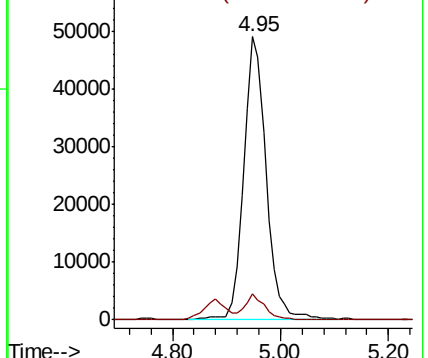
62 100

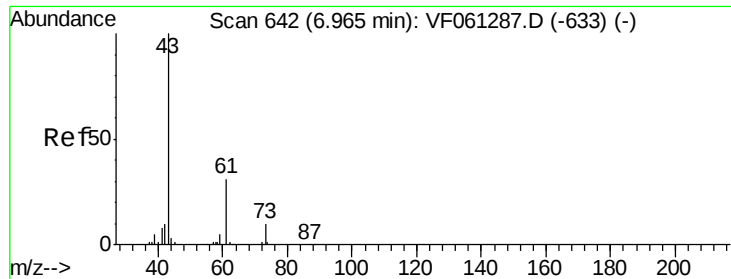
98 9.2 0.0 16.8



Abundance Ion 62.00 (61.70 to 62.70): VF0

Ion 98.00 (97.70 to 98.70): VF0





#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

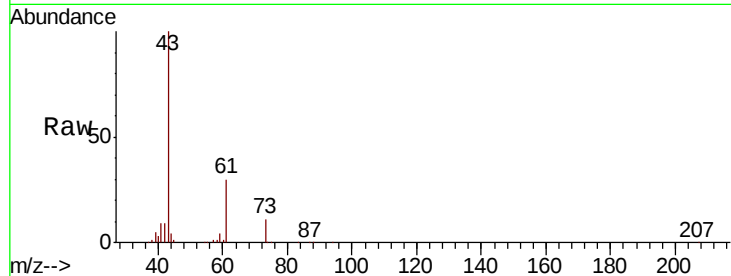
Tgt Ion: 43 Resp: 95516

Ion Ratio Lower Upper

43 100

61 30.0 24.3 36.5

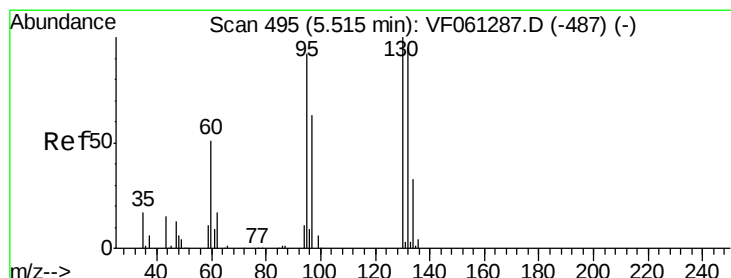
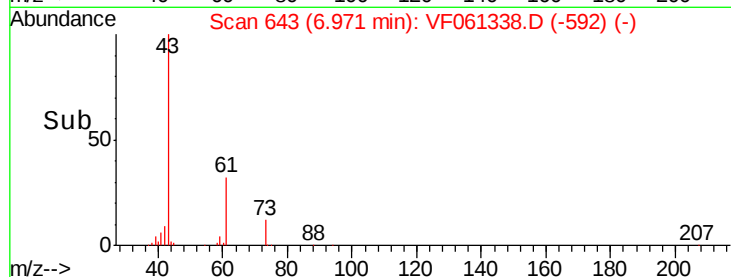
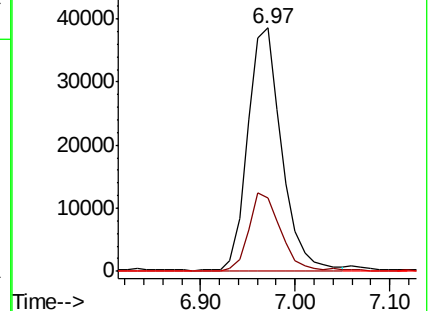
87 0.3 0.2 0.4



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

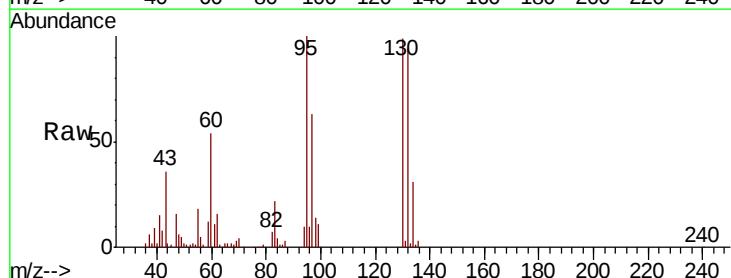
Acq: 10 Jan 2019 12:10

Tgt Ion: 130 Resp: 129002

Ion Ratio Lower Upper

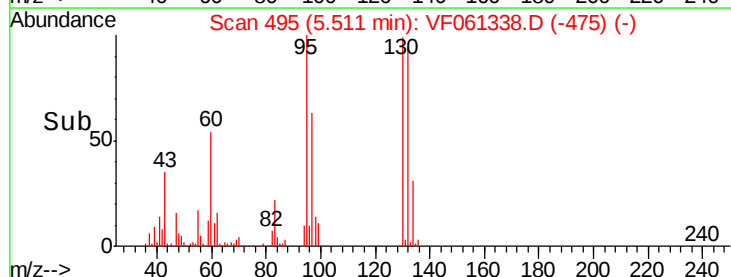
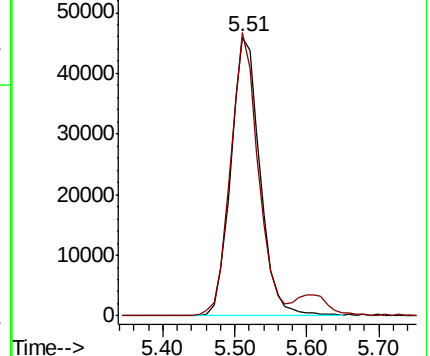
130 100

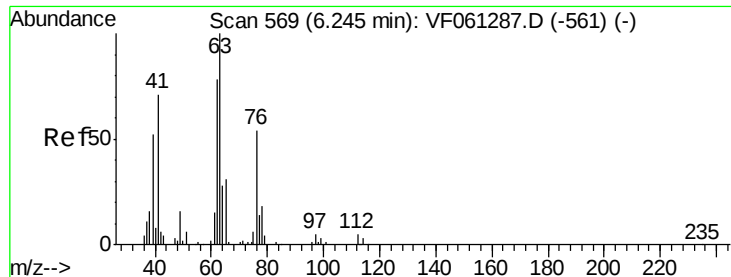
95 101.5 0.0 184.4



Abundance Ion 129.90 (129.60 to 130.60): V

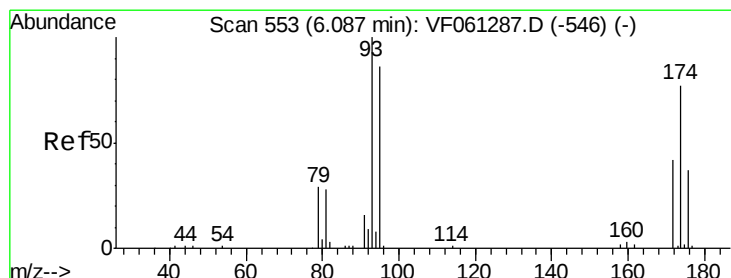
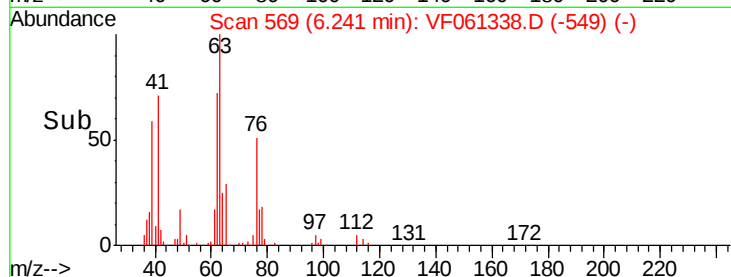
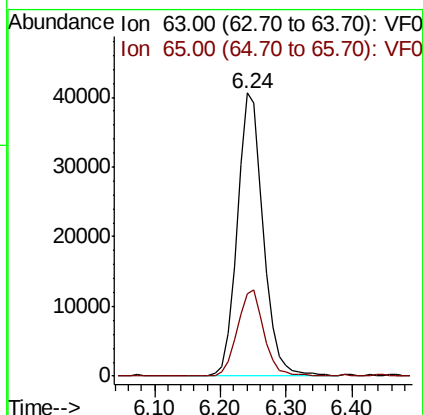
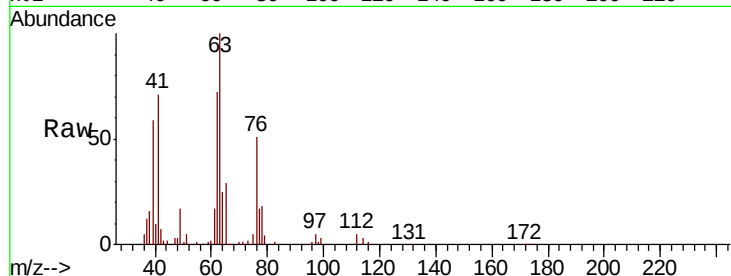
Ion 94.90 (94.60 to 95.60): VF0





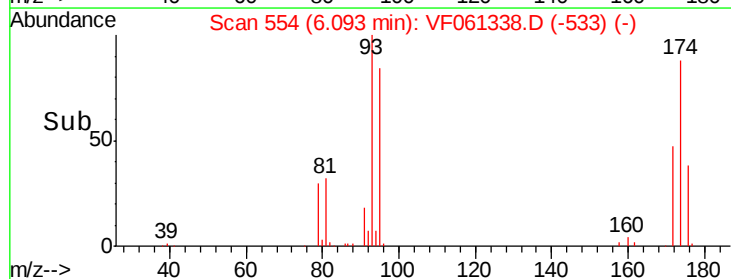
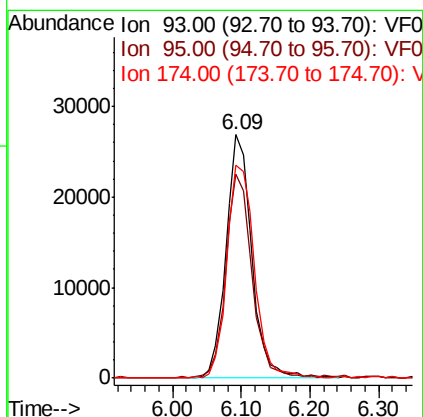
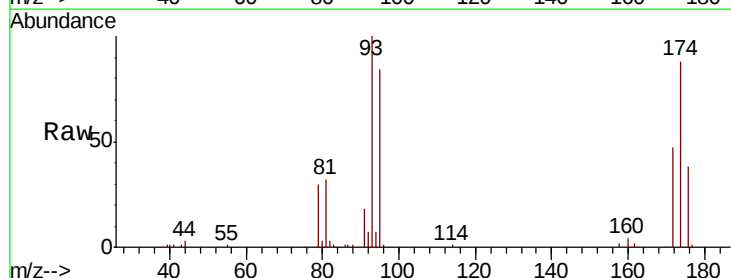
#45
 1,2-Dichloropropane
 Concen: 50.745 ug/l
 RT: 6.24 min Scan# 569
 Delta R.T. -0.00 min
 Lab File: VF061338.D
 Acq: 10 Jan 2019 12:10

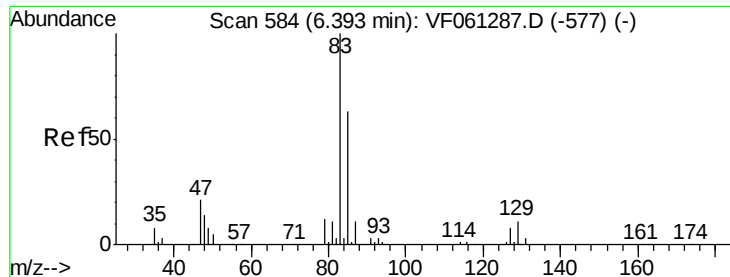
Tgt Ion: 63 Resp: 112471
 Ion Ratio Lower Upper
 63 100
 65 29.3 25.1 37.7



#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





#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

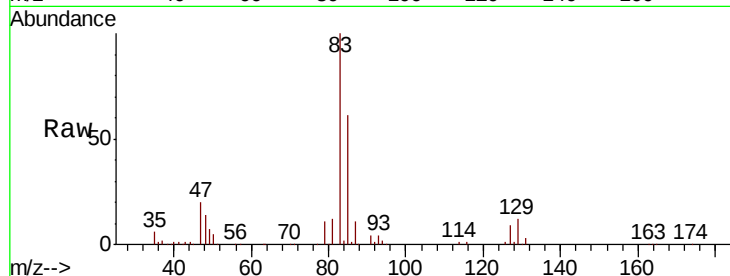
Tgt Ion: 83 Resp: 177424

Ion Ratio Lower Upper

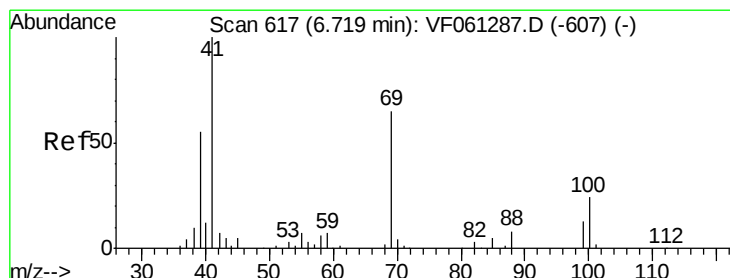
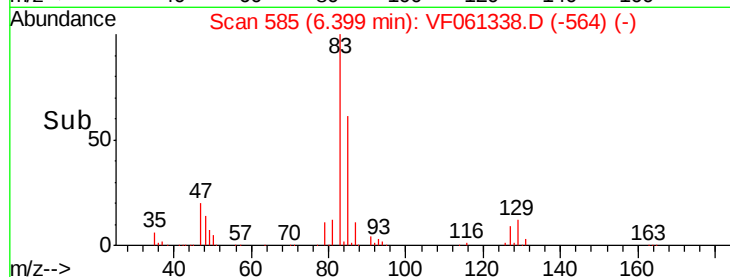
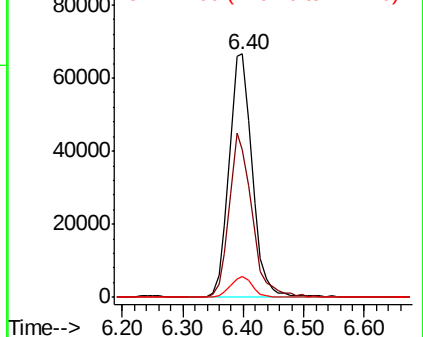
83 100

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

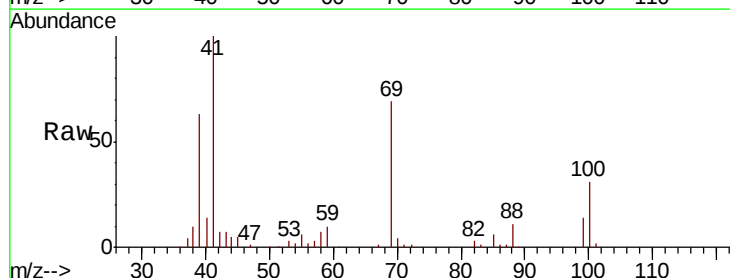
Tgt Ion: 41 Resp: 64192

Ion Ratio Lower Upper

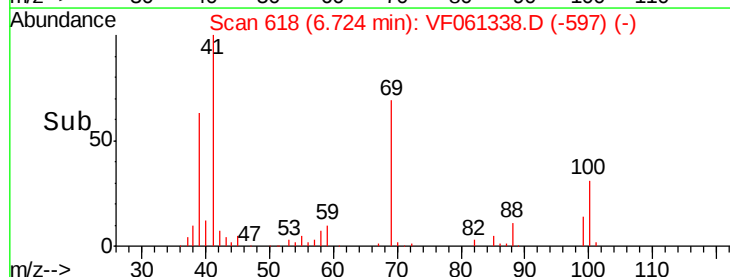
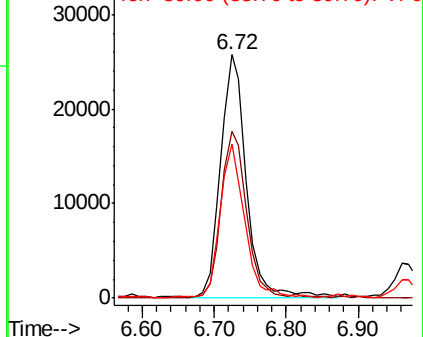
41 100

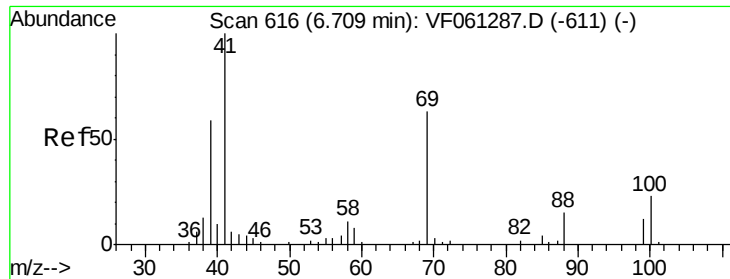
69 68.6 51.5 77.3

39 63.4 44.1 66.1



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

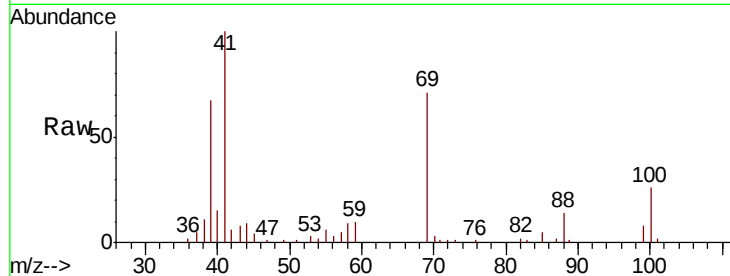
Tgt Ion: 88 Resp: 8330

Ion Ratio Lower Upper

88 100

43 55.4 38.5 57.7

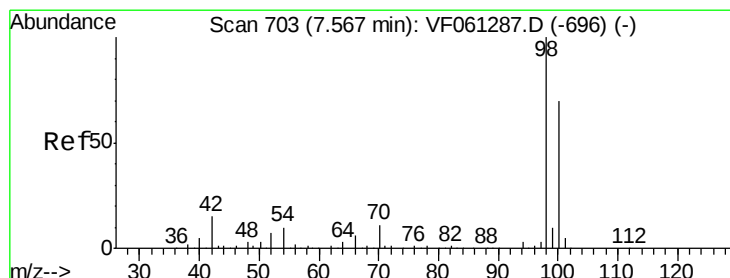
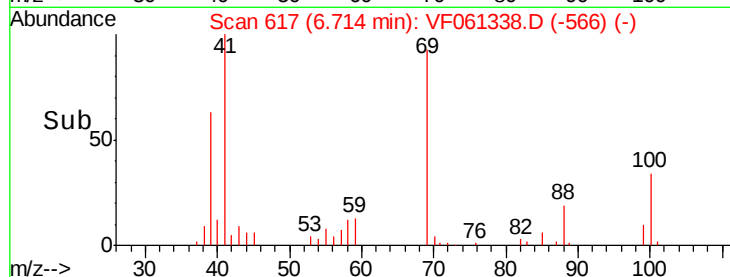
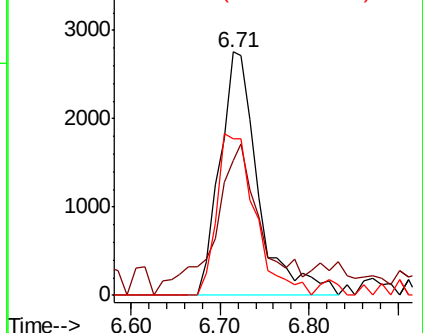
58 64.1 57.0 85.4



Abundance Ion 88.00 (87.70 to 88.70): VF0

Ion 43.00 (42.70 to 43.70): VF0

Ion 58.00 (57.70 to 58.70): VF0



#50

Toluene-d8

Concen: 51.712 ug/l

RT: 7.56 min Scan# 703

Delta R.T. -0.00 min

Lab File: VF061338.D

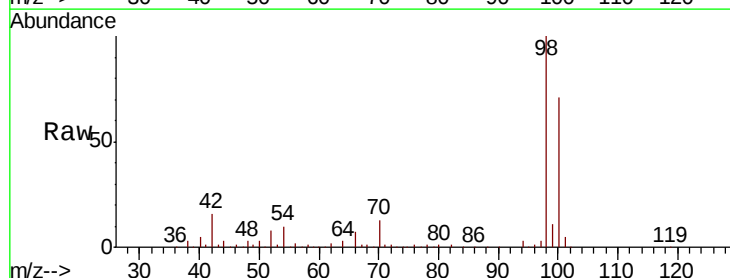
Acq: 10 Jan 2019 12:10

Tgt Ion: 98 Resp: 374330

Ion Ratio Lower Upper

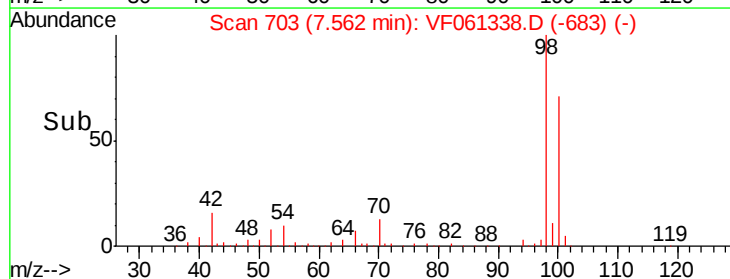
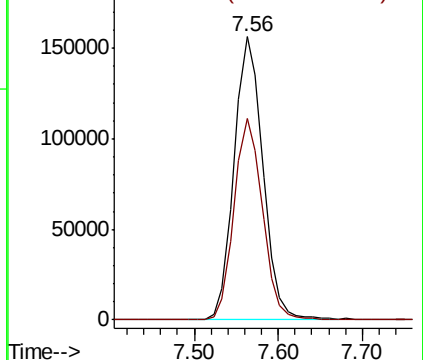
98 100

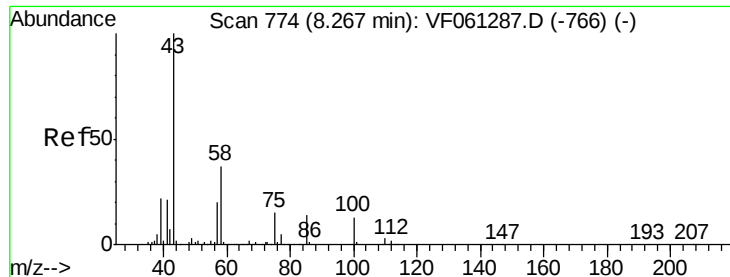
100 71.2 55.6 83.4



Abundance Ion 98.00 (97.70 to 98.70): VF0

Ion 100.00 (99.70 to 100.70): VF0





#51

4-Methyl-2-Pentanone

Concen: 245.880 ug/l

RT: 8.26 min Scan# 774

Delta R.T. -0.00 min

Lab File: VF061338.D

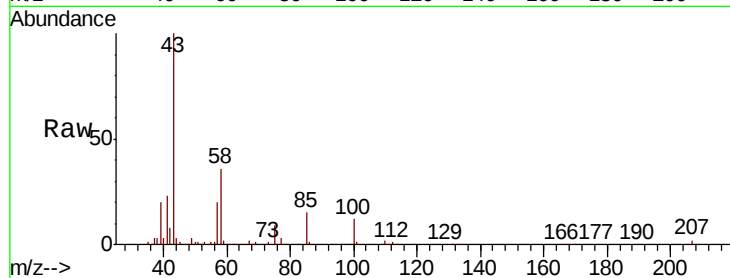
Acq: 10 Jan 2019 12:10

Tgt 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

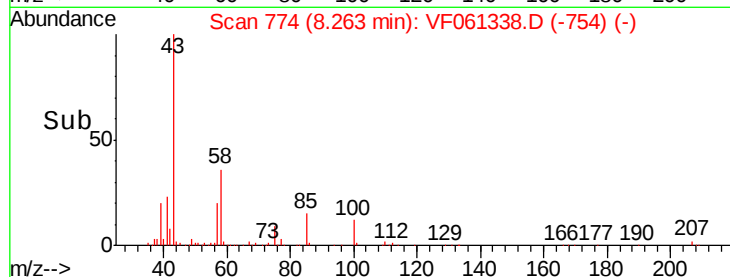
100000

50000

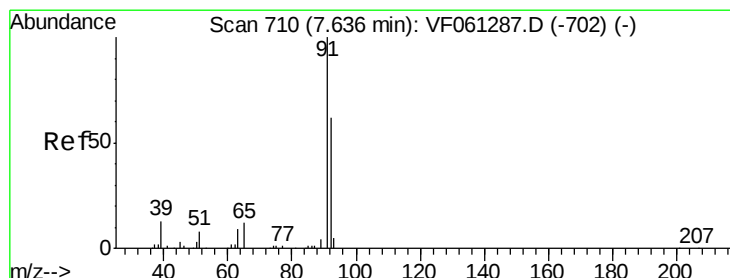
0

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

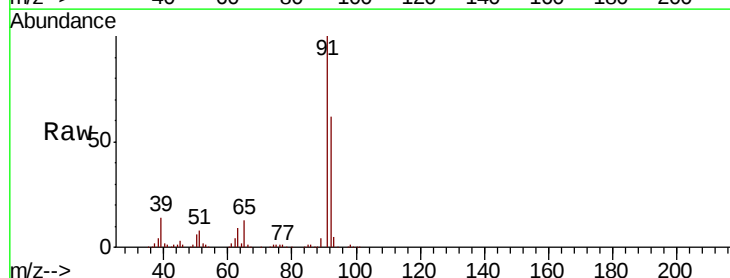
Acq: 10 Jan 2019 12:10

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

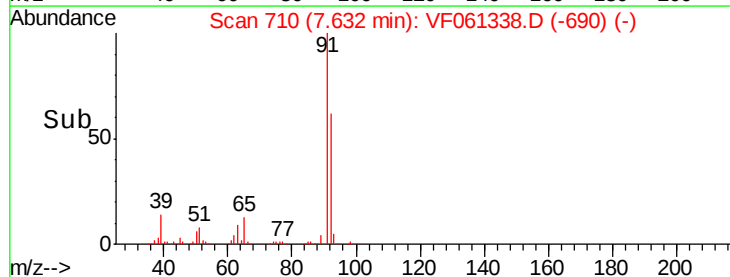
100000

50000

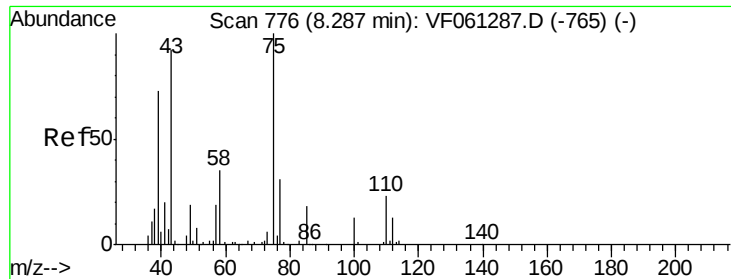
0

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

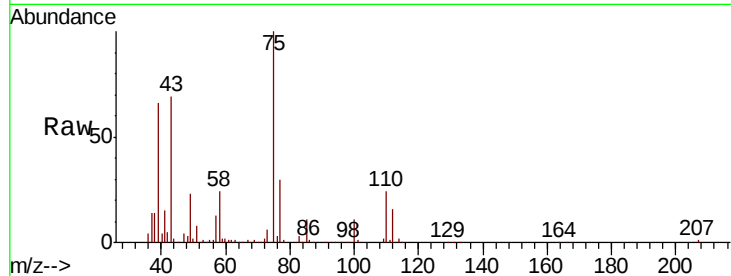
Acq: 10 Jan 2019 12:10

Tgt Ion: 75 Resp: 132258

Ion Ratio Lower Upper

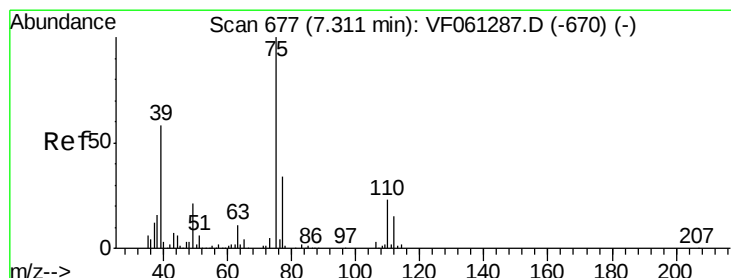
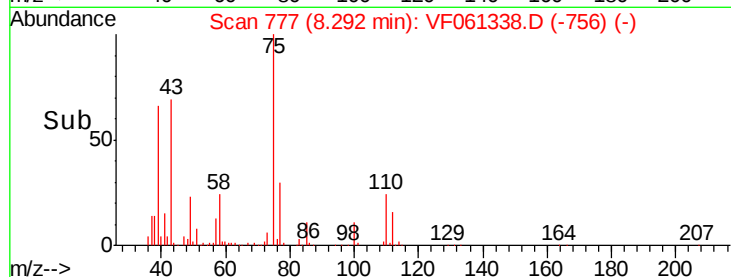
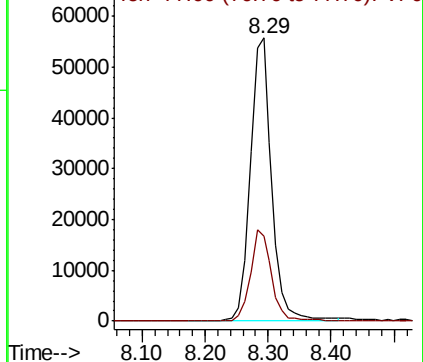
75 100

77 30.1 24.7 37.1



Abundance Ion 75.00 (74.70 to 75.70): VF0

Ion 77.00 (76.70 to 77.70): VF0



#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

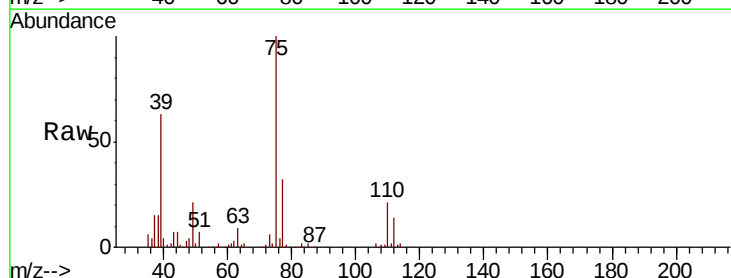
Tgt Ion: 75 Resp: 190003

Ion Ratio Lower Upper

75 100

77 31.7 27.3 40.9

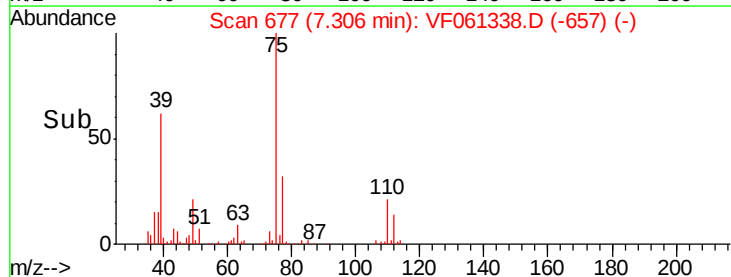
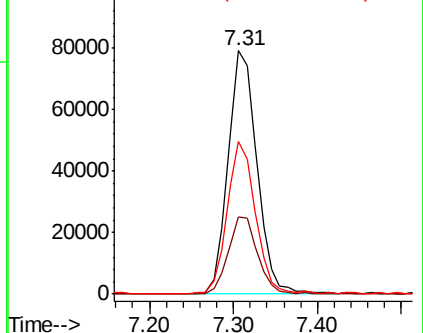
39 62.8 46.3 69.5

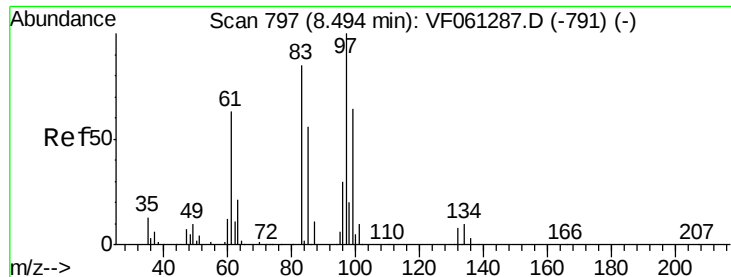


Abundance Ion 75.00 (74.70 to 75.70): VF0

Ion 77.00 (76.70 to 77.70): VF0

Ion 39.00 (38.70 to 39.70): VF0





#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

Tgt Ion: 97 Resp: 77501

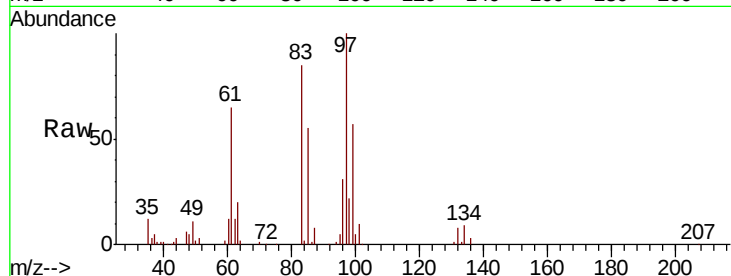
Ion Ratio Lower Upper

97 100

83 84.7 67.8 101.6

85 54.5 45.1 67.7

99 57.2 51.0 76.6

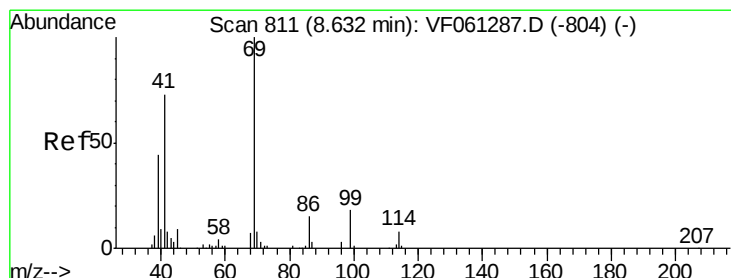
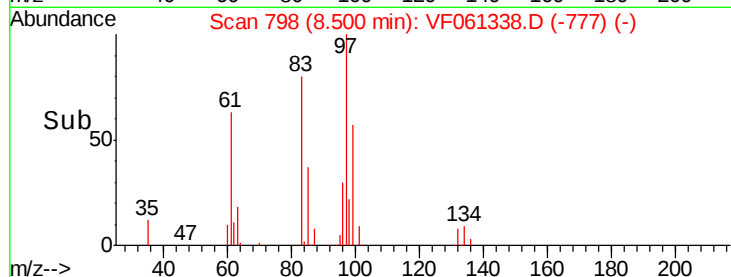
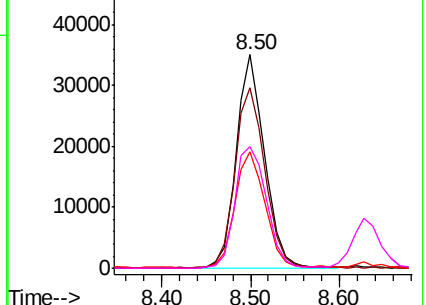


Abundance Ion 97.00 (96.70 to 97.70): VF0

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

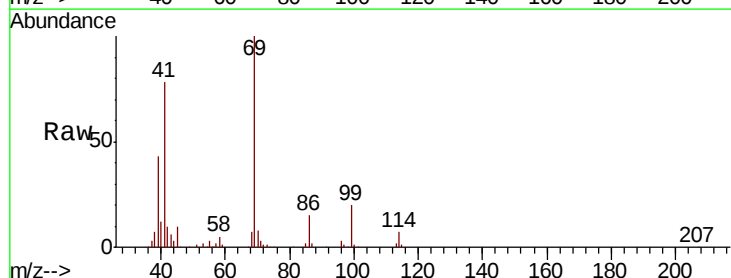
Tgt Ion: 69 Resp: 89667

Ion Ratio Lower Upper

69 100

41 77.6 59.0 88.4

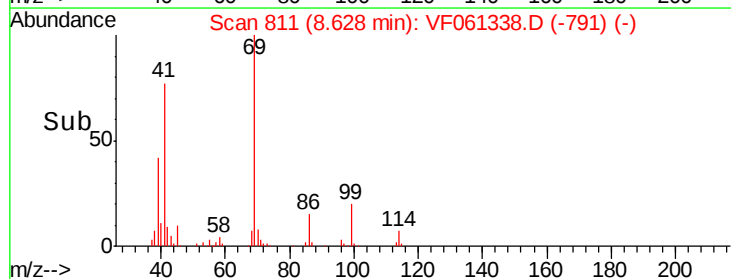
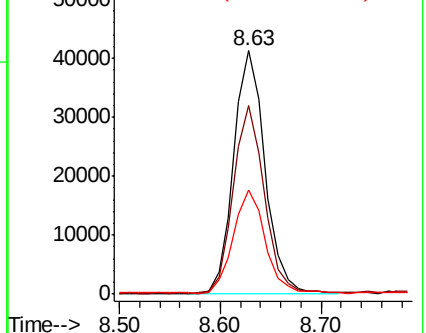
39 42.5 35.3 52.9

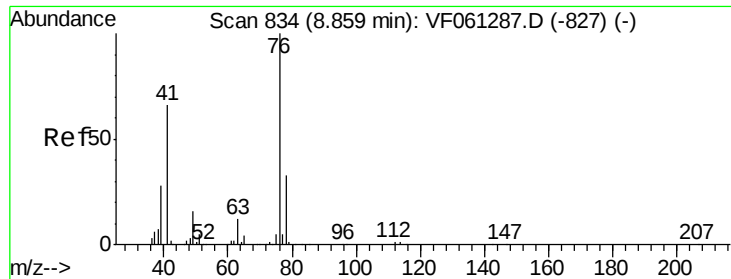


Abundance Ion 69.00 (68.70 to 69.70): VF0

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

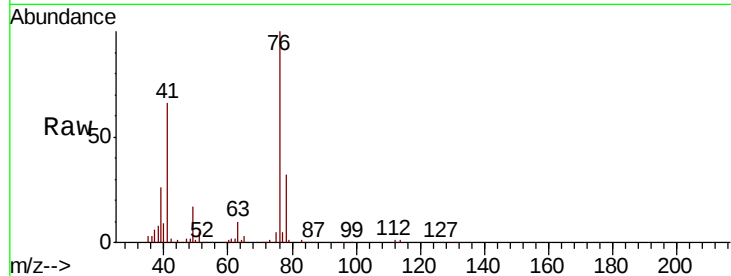
Acq: 10 Jan 2019 12:10

Tgt Ion: 76 Resp: 145338

Ion Ratio Lower Upper

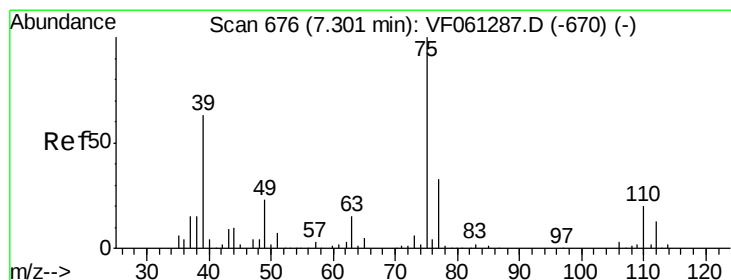
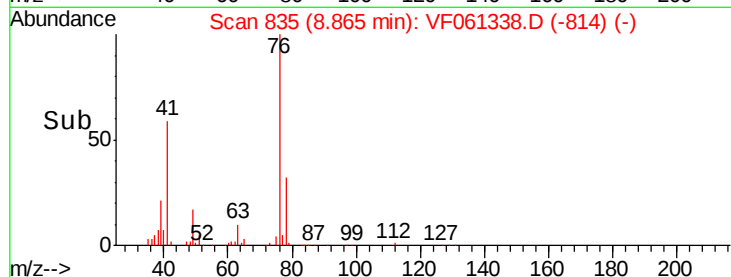
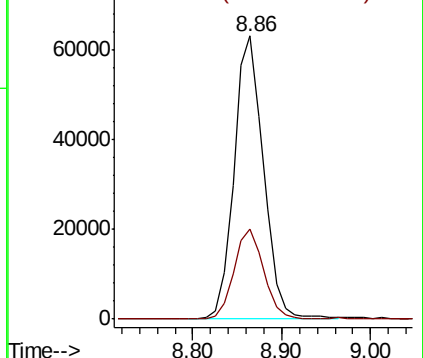
76 100

78 31.8 26.8 40.2



Abundance Ion 76.00 (75.70 to 76.70): VF0

Ion 78.00 (77.70 to 78.70): VF0



#58

2-Chloroethyl Vinyl ether

Concen: 205.028 ug/l

RT: 7.31 min Scan# 677

Delta R.T. 0.01 min

Lab File: VF061338.D

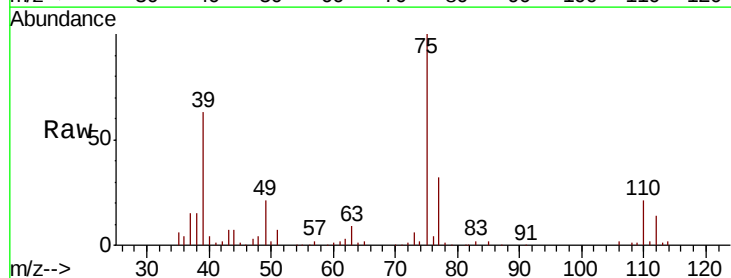
Acq: 10 Jan 2019 12:10

Tgt Ion: 63 Resp: 15308

Ion Ratio Lower Upper

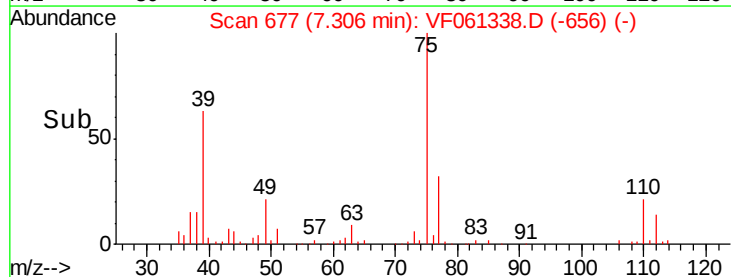
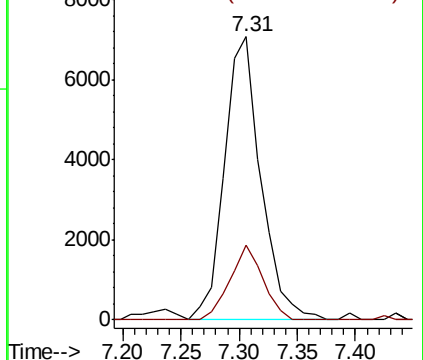
63 100

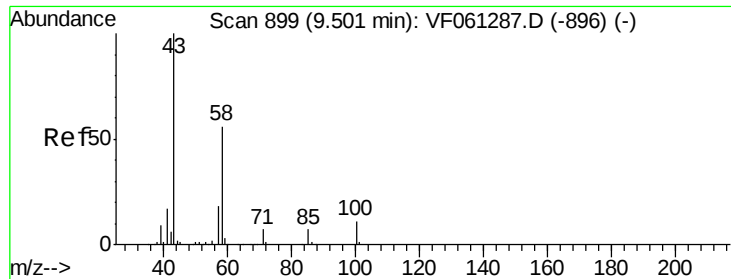
106 26.4 16.5 24.7#



Abundance Ion 63.00 (62.70 to 63.70): VF0

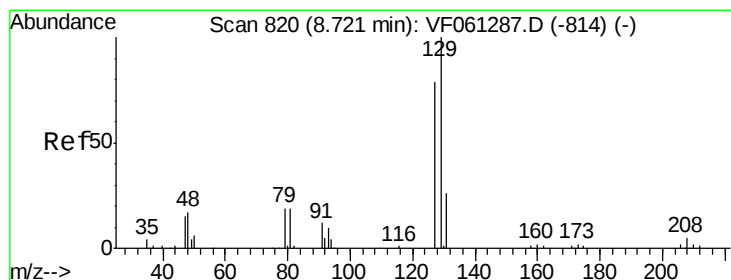
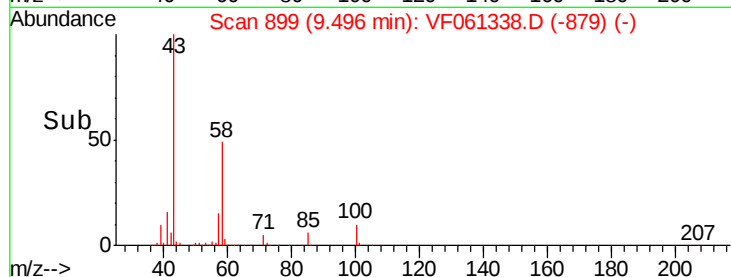
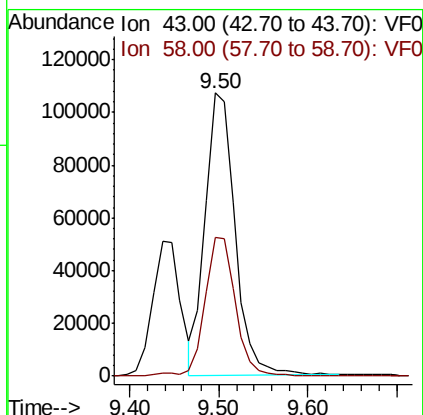
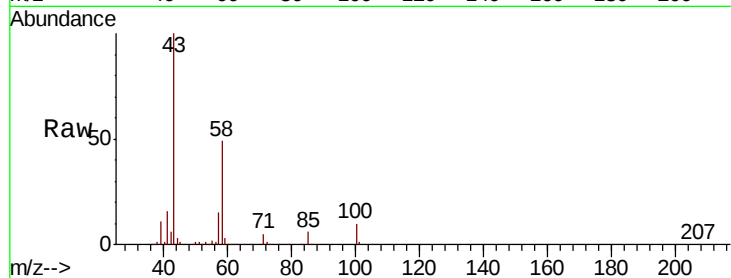
Ion 106.00 (105.70 to 106.70): V





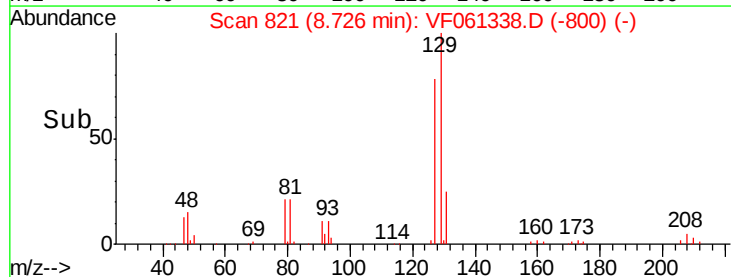
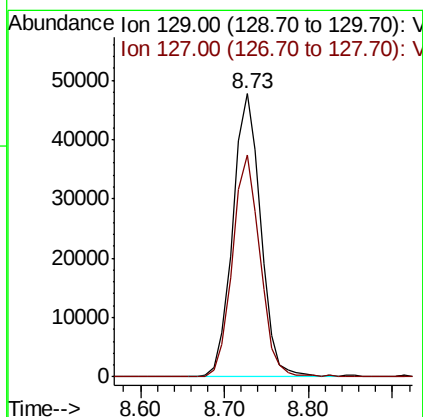
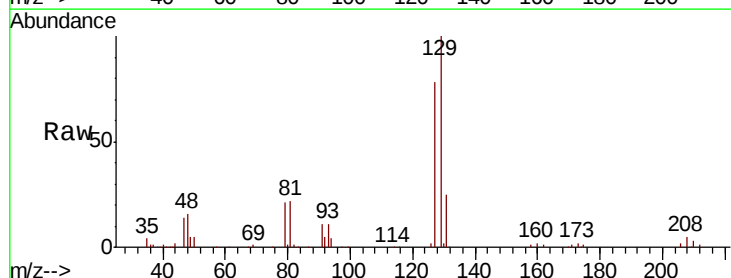
#59
2-Hexanone
Concen: 258.545 ug/l
RT: 9.50 min Scan# 899
Delta R.T. -0.00 min
Lab File: VF061338.D
Acq: 10 Jan 2019 12:10

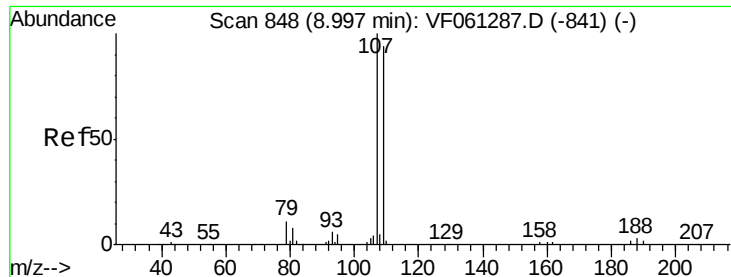
Tgt Ion: 43 Resp: 248144
Ion Ratio Lower Upper
43 100
58 49.2 25.6 76.8



#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

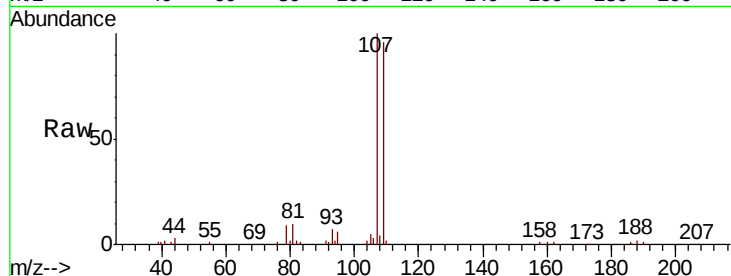
Acq: 10 Jan 2019 12:10

Tgt Ion: 107 Resp: 80089

Ion Ratio Lower Upper

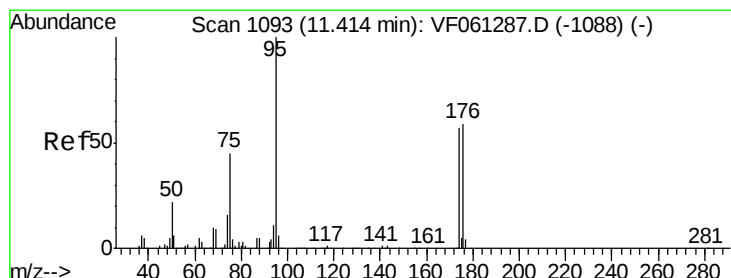
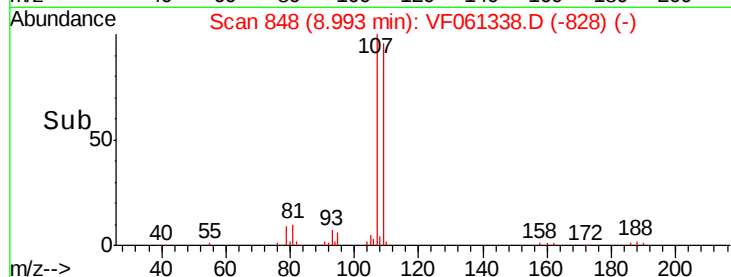
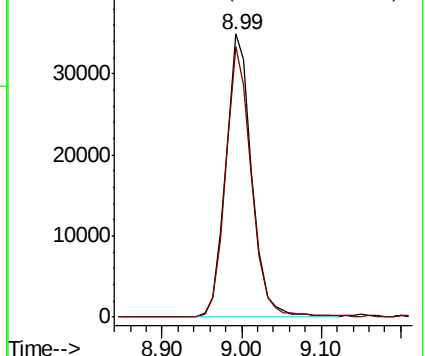
107 100

109 95.7 75.1 112.7



Abundance Ion 107.00 (106.70 to 107.70): V

Ion 109.00 (108.70 to 109.70): V



#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

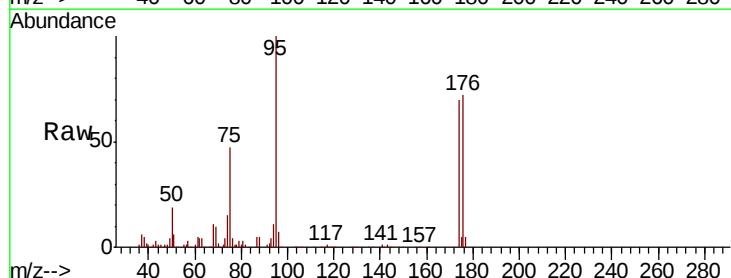
Tgt Ion: 95 Resp: 160025

Ion Ratio Lower Upper

95 100

174 69.5 0.0 114.2

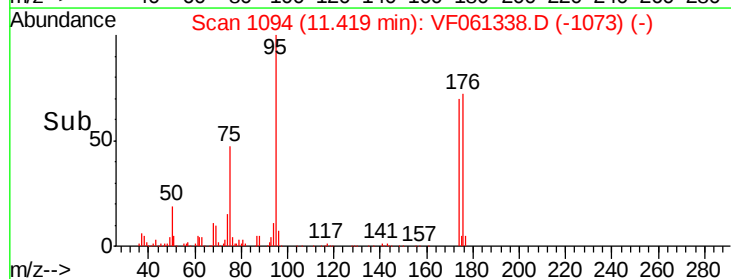
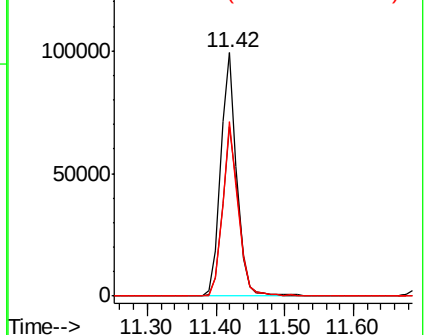
176 71.9 0.0 117.8

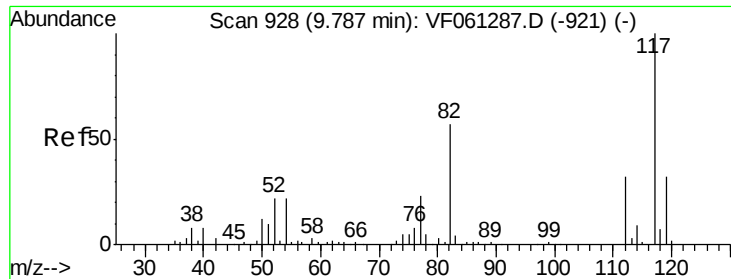


Abundance Ion 95.00 (94.70 to 95.70): VF0

Ion 174.00 (173.70 to 174.70): V

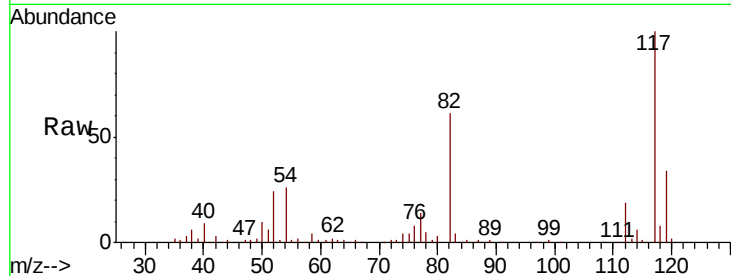
Ion 176.00 (175.70 to 176.70): V



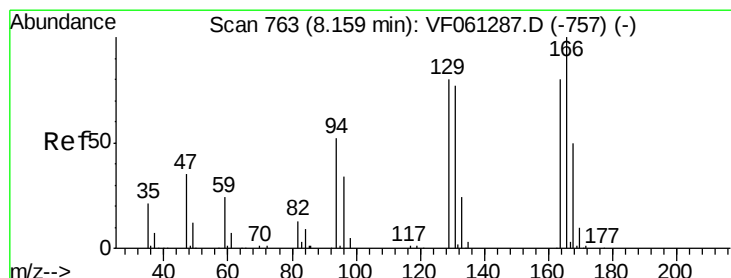
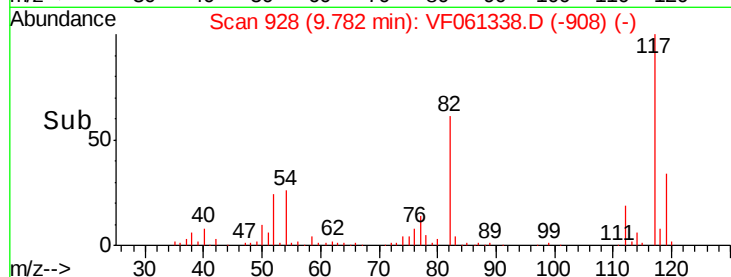
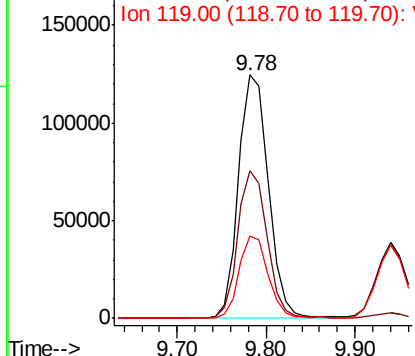


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.78 min Scan# 928
Delta R.T. -0.00 min
Lab File: VF061338.D
Acq: 10 Jan 2019 12:10

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

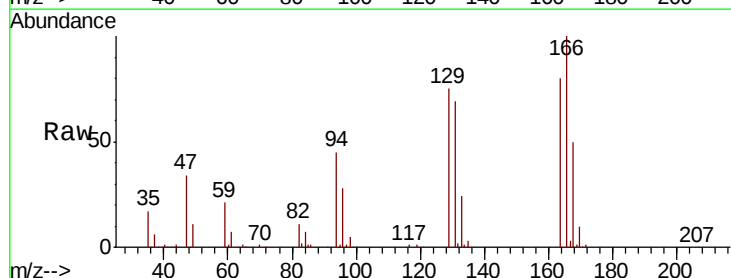


Abundance Ion 117.00 (116.70 to 117.70): V
Ion 82.00 (81.70 to 82.70): VF0
Ion 119.00 (118.70 to 119.70): V

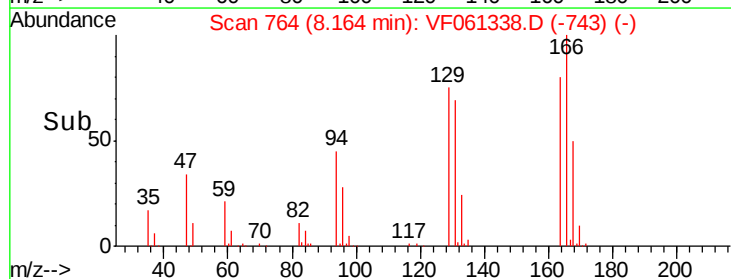
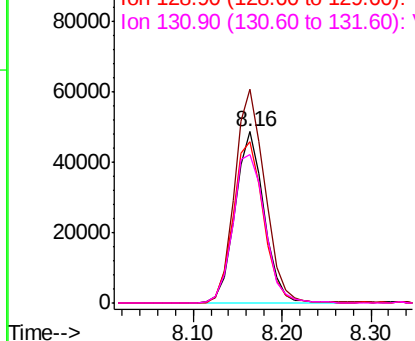


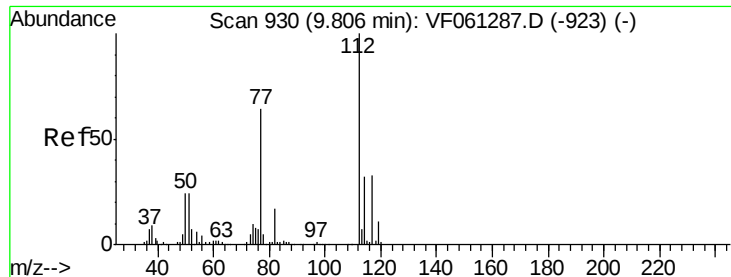
#64
Tetrachloroethene
Concen: 51.812 ug/l
RT: 8.16 min Scan# 764
Delta R.T. 0.01 min
Lab File: VF061338.D
Acq: 10 Jan 2019 12:10

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



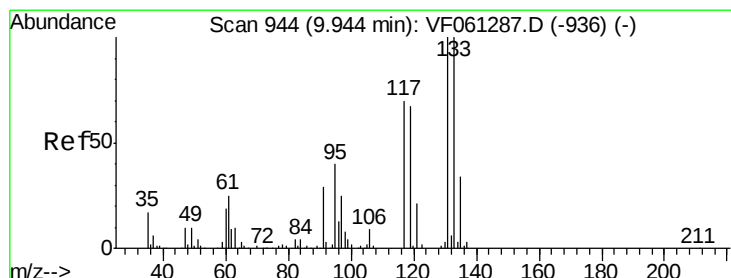
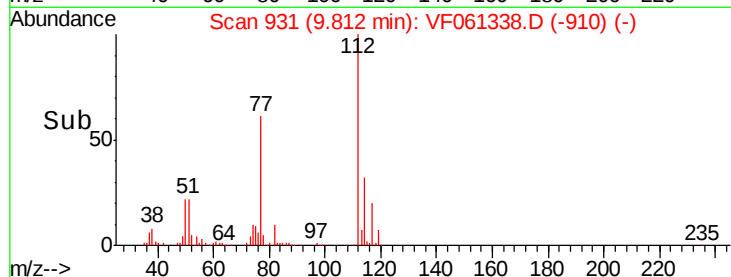
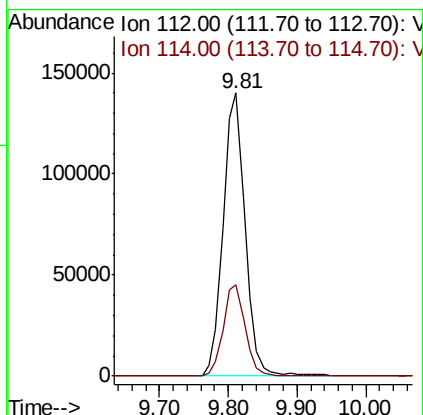
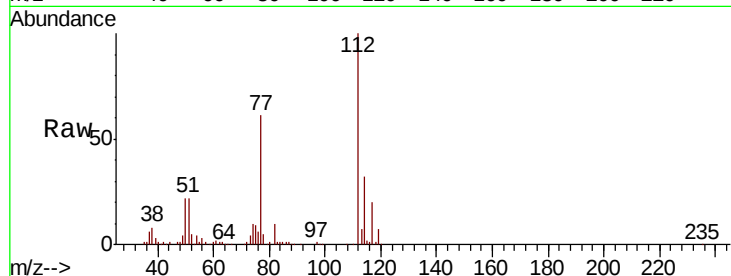
Abundance Ion 163.85 (163.55 to 164.55): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.90 (128.60 to 129.60): V
Ion 130.90 (130.60 to 131.60): V





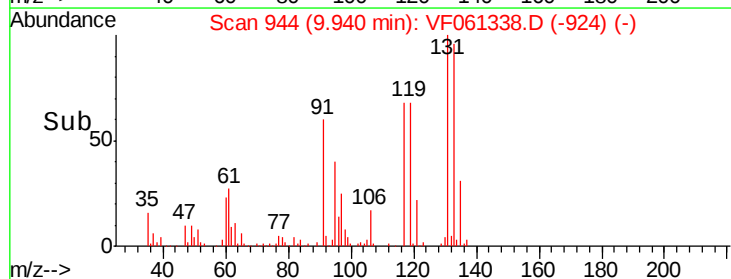
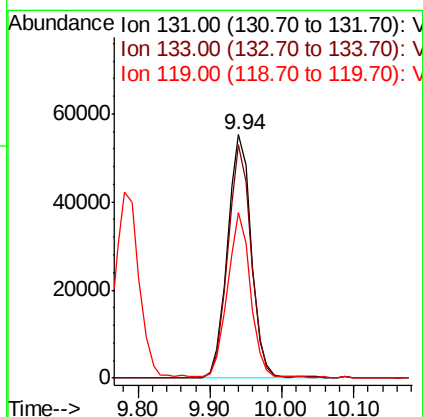
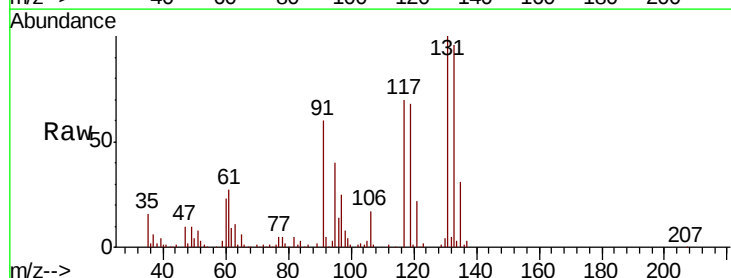
#65
Chlorobenzene
Concen: 52.664 ug/l
RT: 9.81 min Scan# 931
Delta R.T. 0.01 min
Lab File: VF061338.D
Acq: 10 Jan 2019 12:10

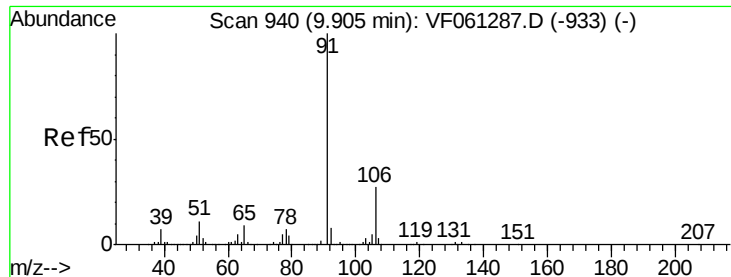
Tgt Ion:112 Resp: 310836
Ion Ratio Lower Upper
112 100
114 32.5 25.8 38.8



#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

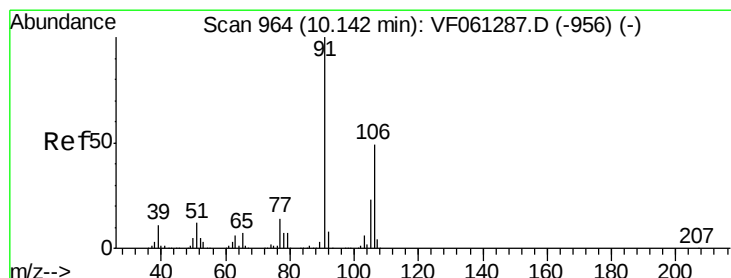
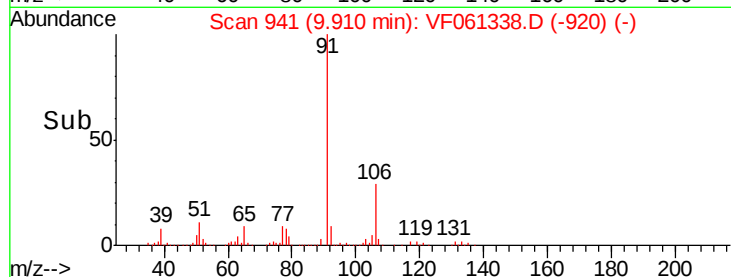
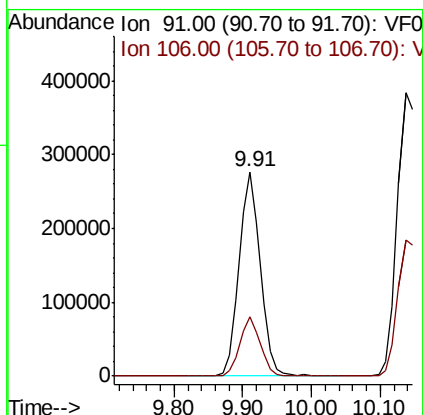
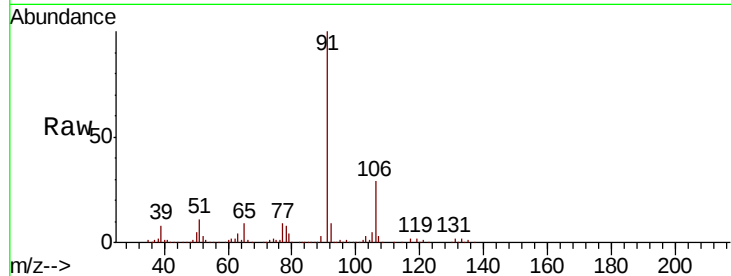
Tgt Ion:131 Resp: 127359
Ion Ratio Lower Upper
131 100
133 95.7 49.9 149.6
119 68.0 33.9 101.6





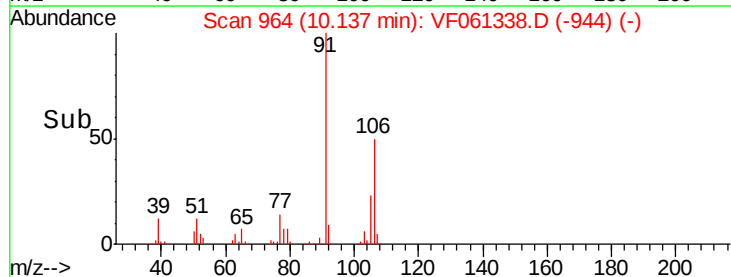
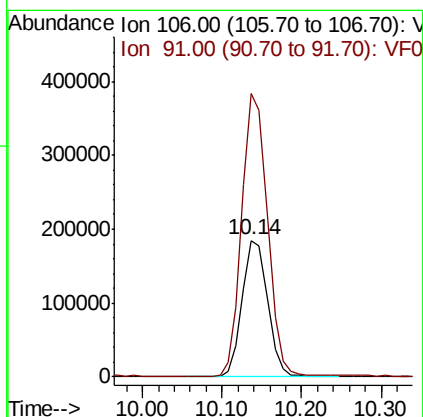
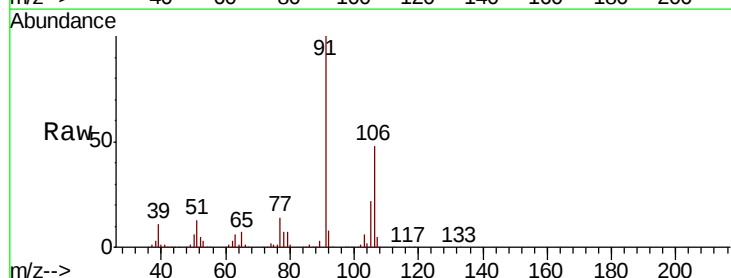
#67
Ethyl Benzene
Concen: 51.970 ug/l
RT: 9.91 min Scan# 941
Delta R.T. 0.01 min
Lab File: VF061338.D
Acq: 10 Jan 2019 12:10

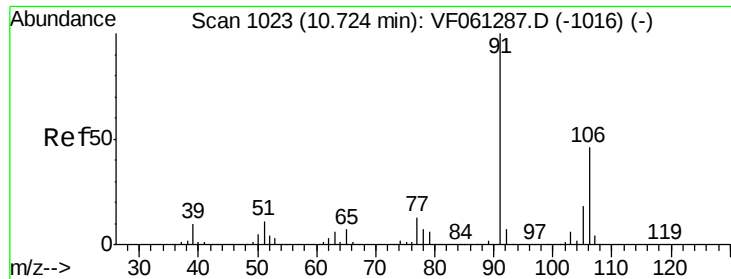
Tgt Ion: 91 Resp: 591430
Ion Ratio Lower Upper
91 100
106 28.8 21.4 32.2



#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

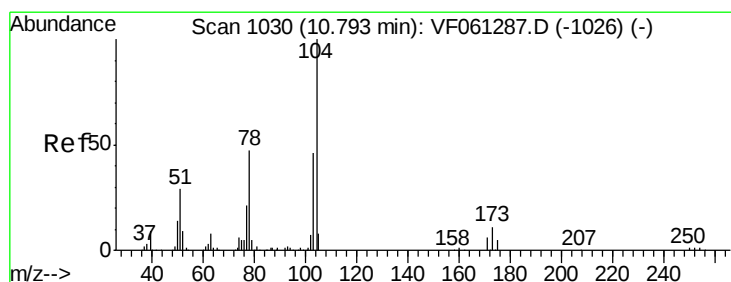
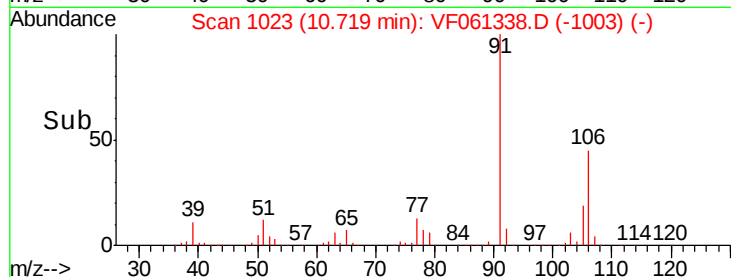
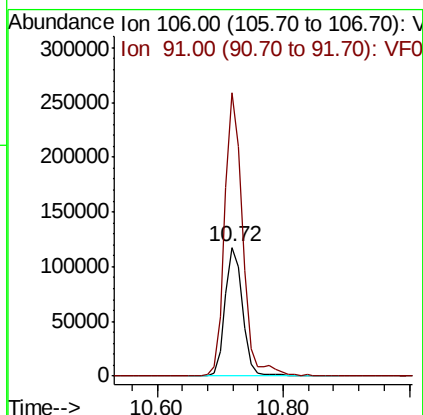
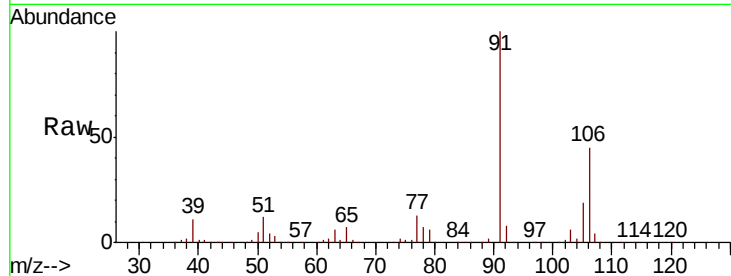
Tgt Ion: 106 Resp: 409980
Ion Ratio Lower Upper
106 100
91 207.1 165.0 247.6





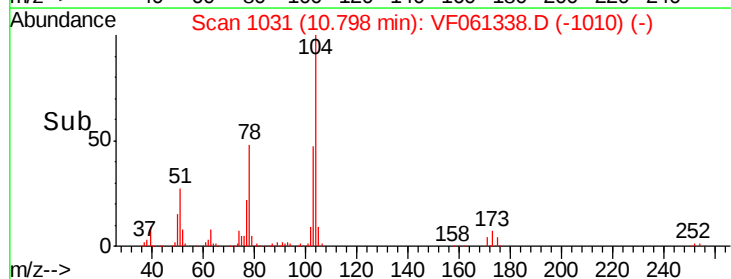
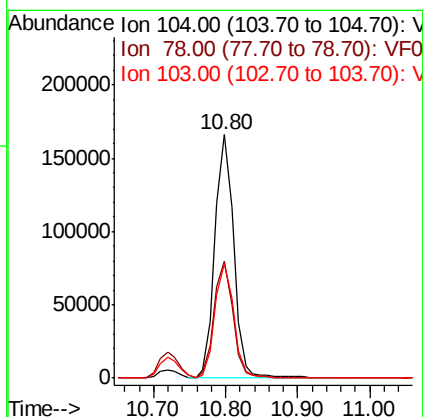
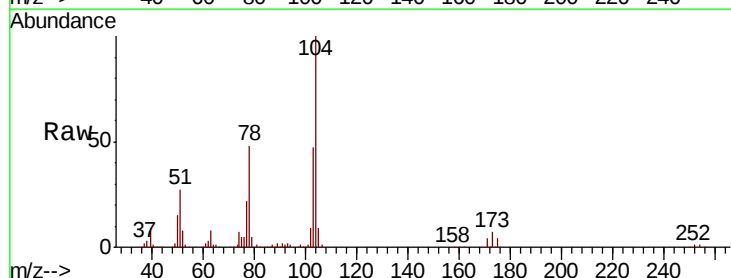
#69
o-Xylene
Concen: 51.750 ug/l
RT: 10.72 min Scan# 1023
Delta R.T. -0.00 min
Lab File: VF061338.D
Acq: 10 Jan 2019 12:10

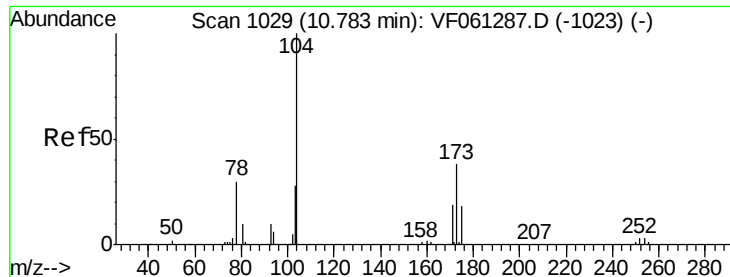
Tgt Ion:106 Resp: 229477
Ion Ratio Lower Upper
106 100
91 220.3 108.1 324.4



#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





#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

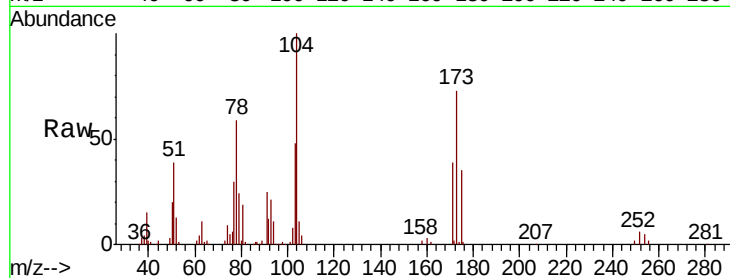
Tgt Ion:173 Resp: 52368

Ion Ratio Lower Upper

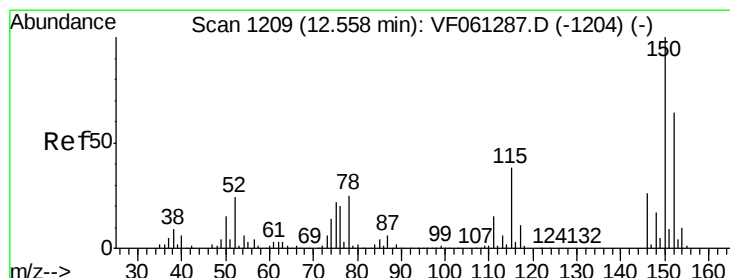
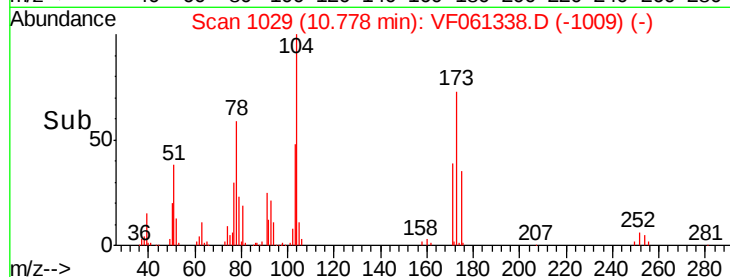
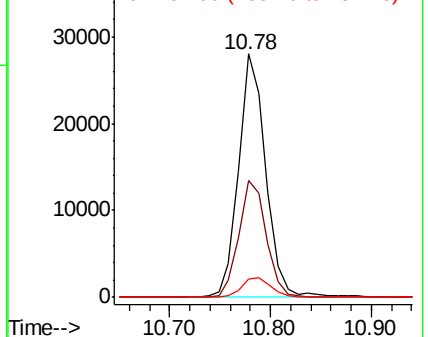
173 100

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

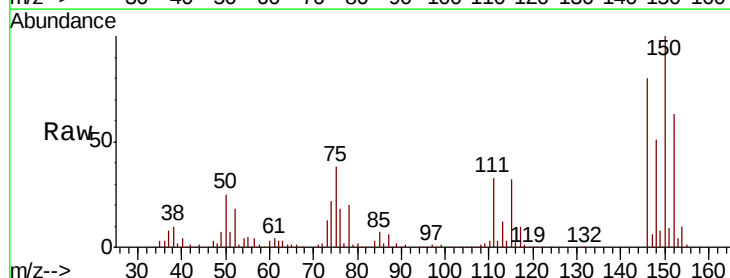
Tgt Ion:152 Resp: 143618

Ion Ratio Lower Upper

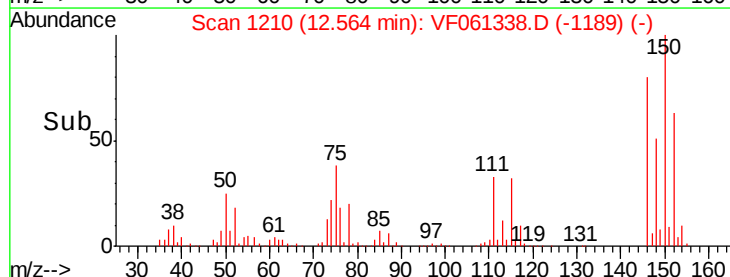
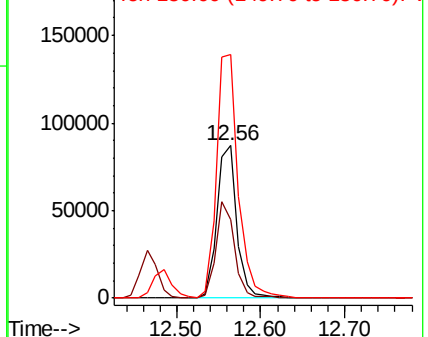
152 100

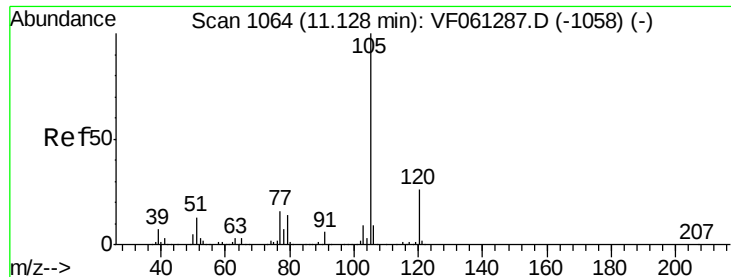
115 51.4 29.6 88.9

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

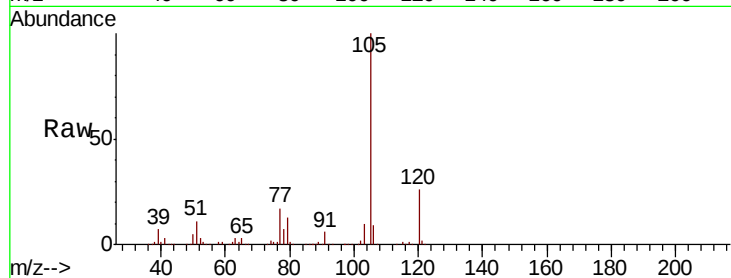
Acq: 10 Jan 2019 12:10

Tgt 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

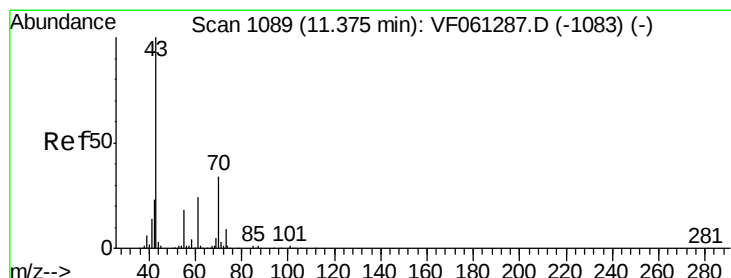
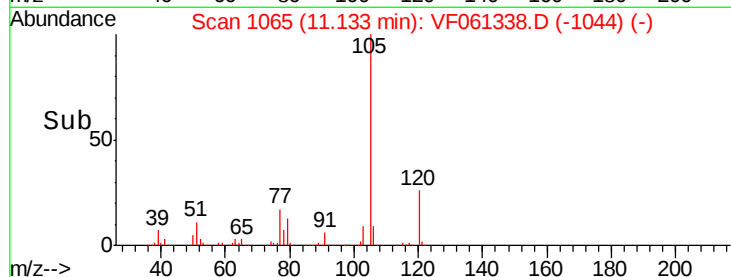
300000

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

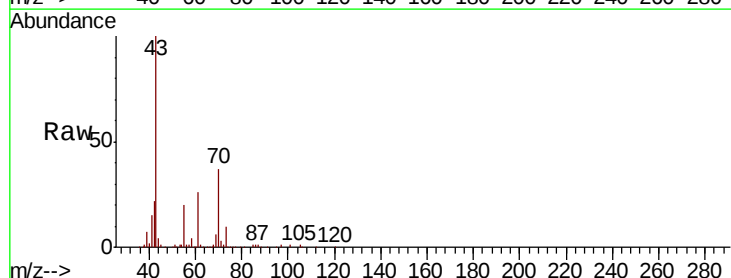
Ion Ratio Lower Upper

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

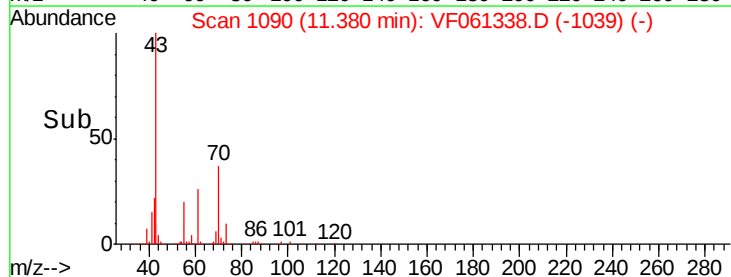
Ion 61.00 (60.70 to 61.70): VF0

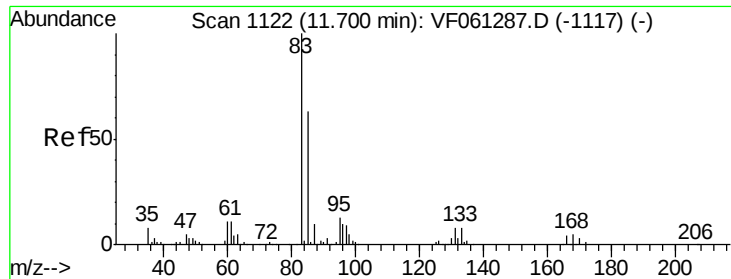
100000

50000

0

Time--> 11.30 11.40 11.50





#75

1,1,2,2-Tetrachloroethane

Concen: 50.715 ug/l

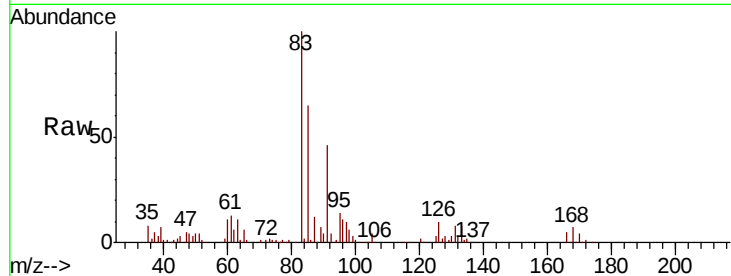
RT: 11.71 min Scan# 1123

Delta R.T. 0.01 min

Lab File: VF061338.D

Acq: 10 Jan 2019 12:10

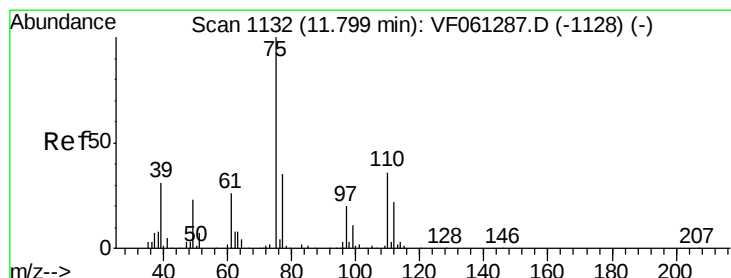
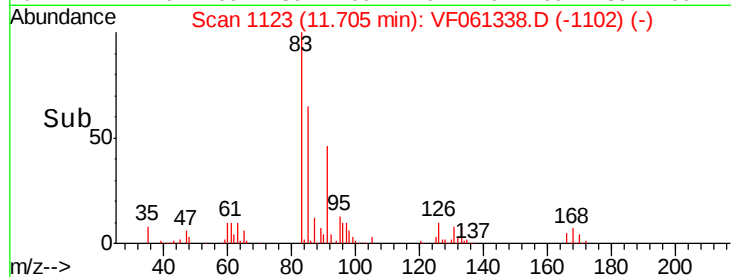
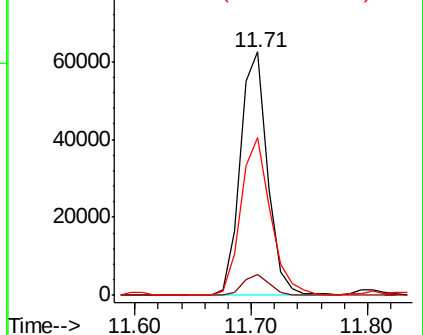
Tgt Ion:	83	Resp:	101621
Ion	Ratio	Lower	Upper
83	100		
131	8.4	3.9	11.7
85	65.0	31.6	94.7



Abundance Ion 83.00 (82.70 to 83.70): VF0

Ion 131.00 (130.70 to 131.70): V

Ion 85.00 (84.70 to 85.70): VF0



#76

1,2,3-Trichloropropane

Concen: 49.661 ug/l

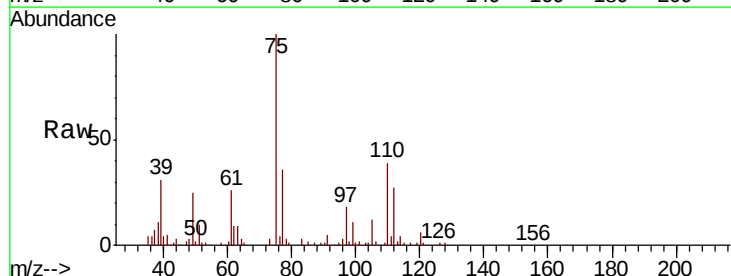
RT: 11.80 min Scan# 1133

Delta R.T. 0.01 min

Lab File: VF061338.D

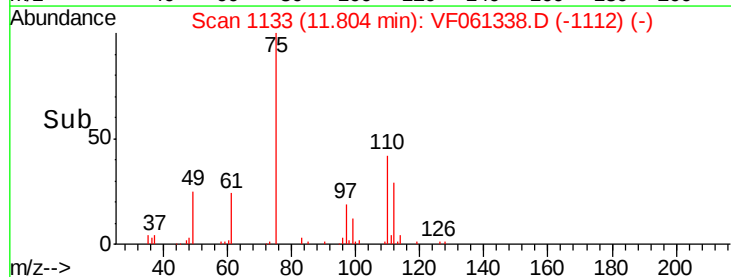
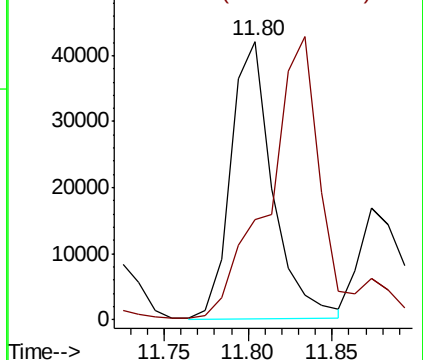
Acq: 10 Jan 2019 12:10

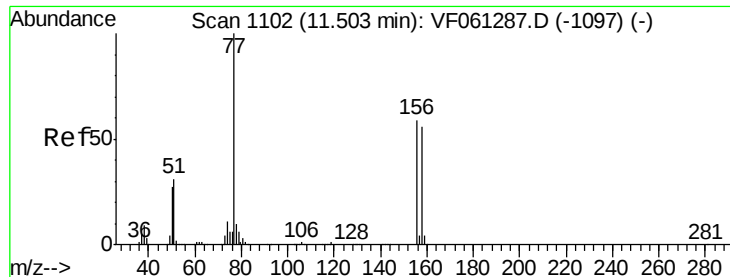
Tgt Ion:	75	Resp:	72984
Ion	Ratio	Lower	Upper
75	100		
77	36.1	17.5	52.5



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

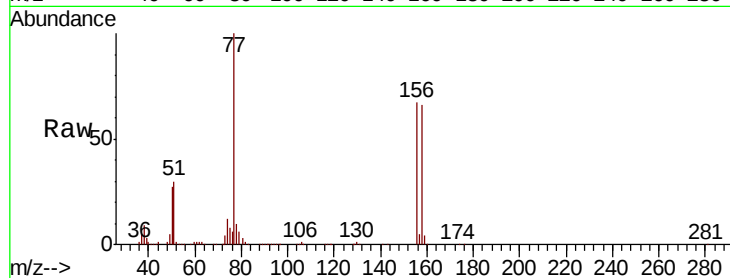
Tgt Ion: 156 Resp: 124281

Ion Ratio Lower Upper

156 100

77 148.9 84.3 252.9

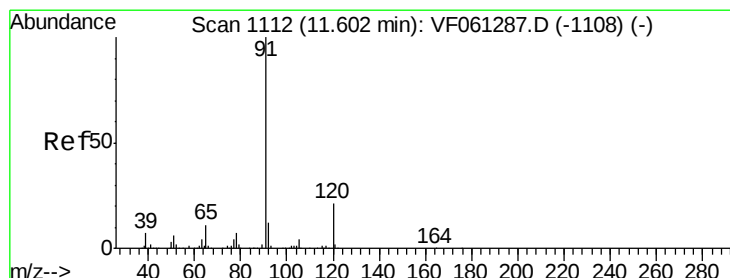
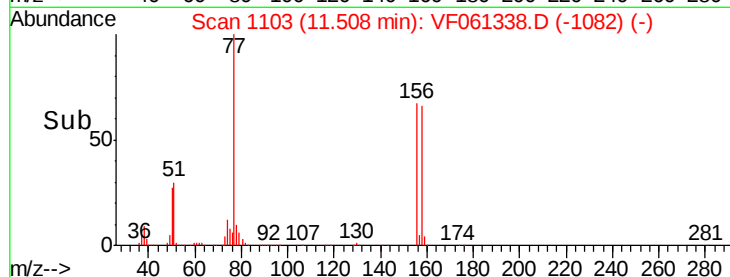
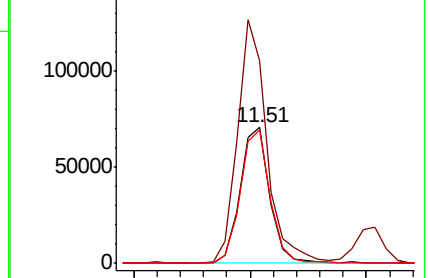
158 98.0 47.1 141.3



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

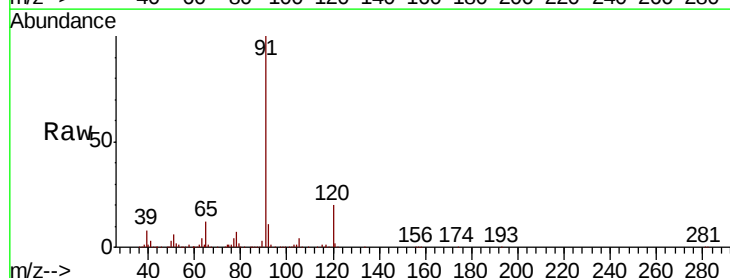
Acq: 10 Jan 2019 12:10

Tgt Ion: 91 Resp: 759190

Ion Ratio Lower Upper

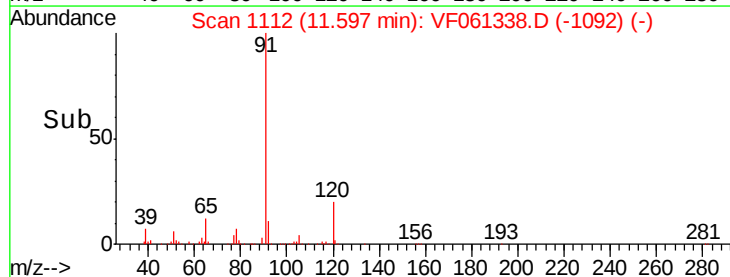
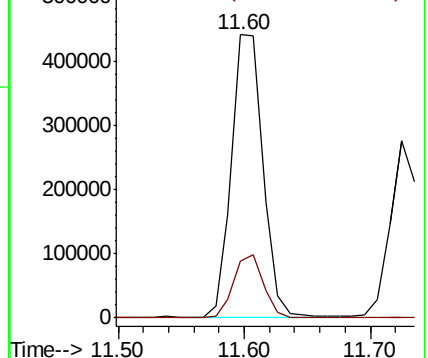
91 100

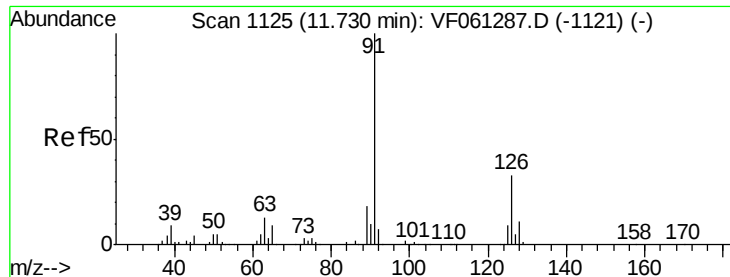
120 20.0 10.7 32.1



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

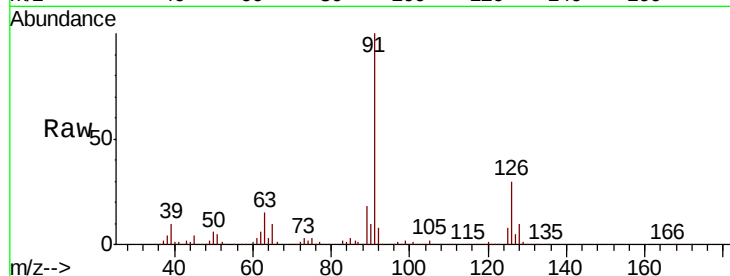
Acq: 10 Jan 2019 12:10

Tgt 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): VF061287.D (-1121) (-)

Ion 126.00 (125.70 to 126.70): VF061287.D (-1121) (-)

11.73

250000

200000

150000

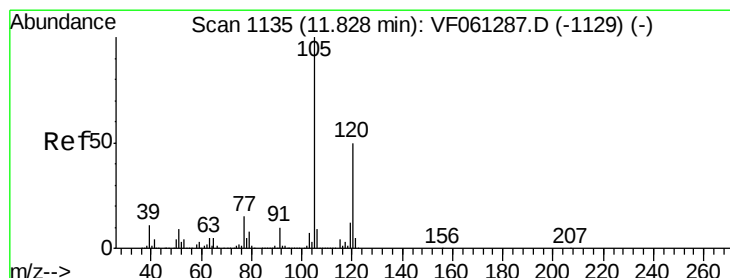
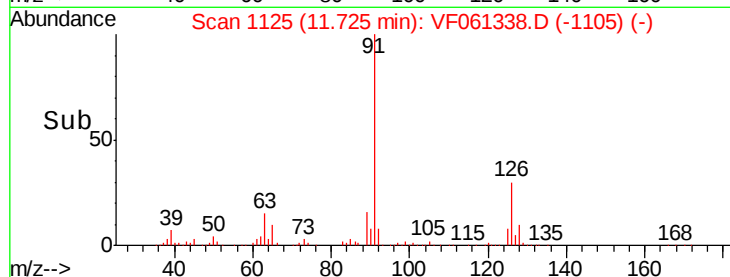
100000

50000

0

11.70 11.75 11.80

Time-->



#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

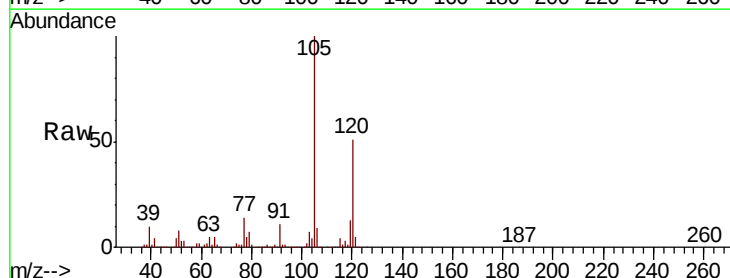
Acq: 10 Jan 2019 12:10

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): VF061287.D (-1129) (-)

Ion 120.00 (119.70 to 120.70): VF061287.D (-1129) (-)

11.83

300000

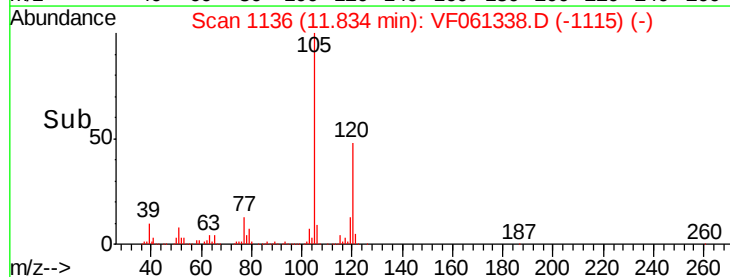
200000

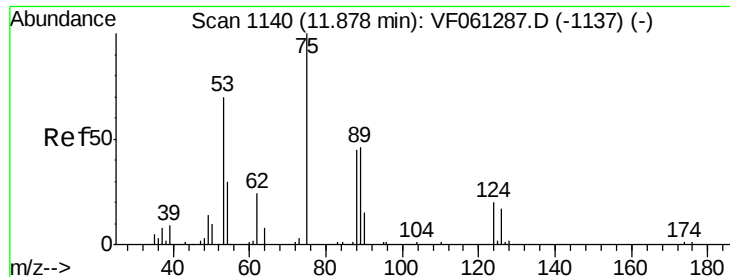
100000

0

11.70 11.75 11.80 11.85 11.90 11.95 12.00

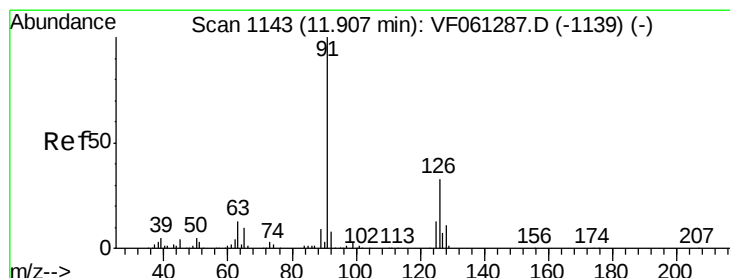
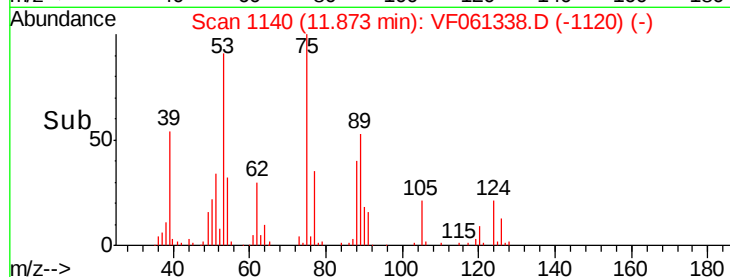
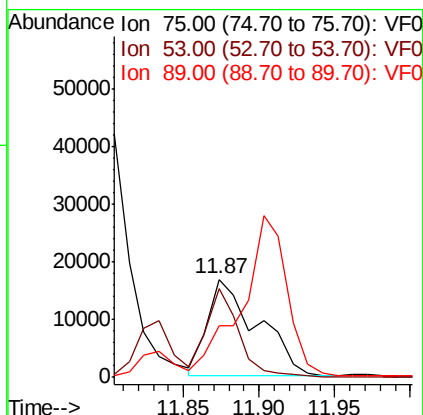
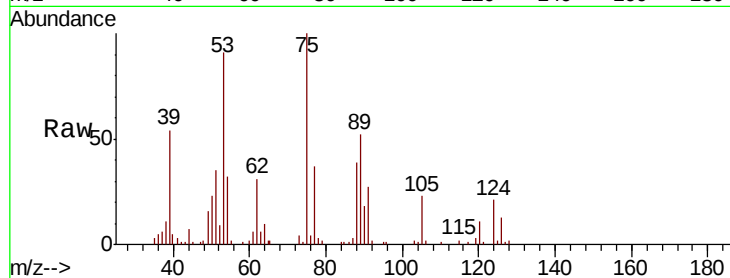
Time-->





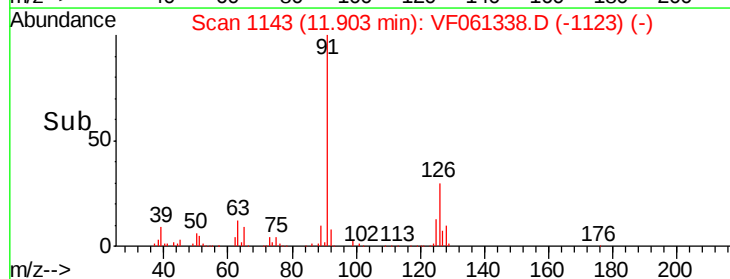
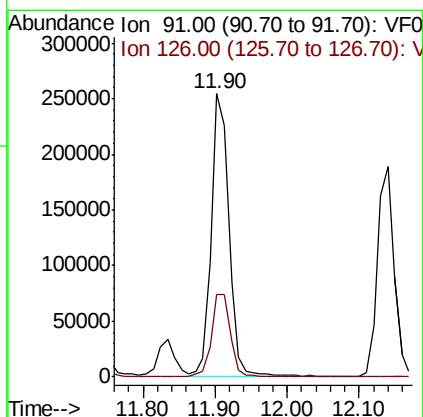
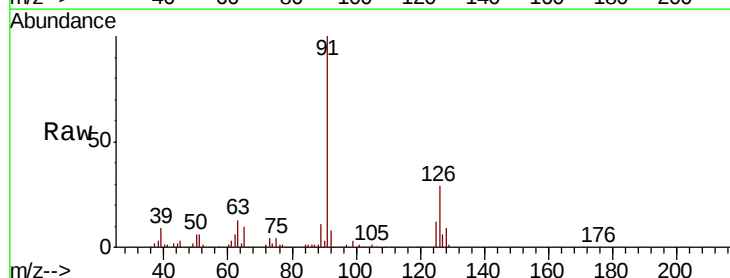
#81
trans-1,4-Dichloro-2-butene
Concen: 59.845 ug/l
RT: 11.87 min Scan# 1140
Delta R.T. -0.00 min
Lab File: VF061338.D
Acq: 10 Jan 2019 12:10

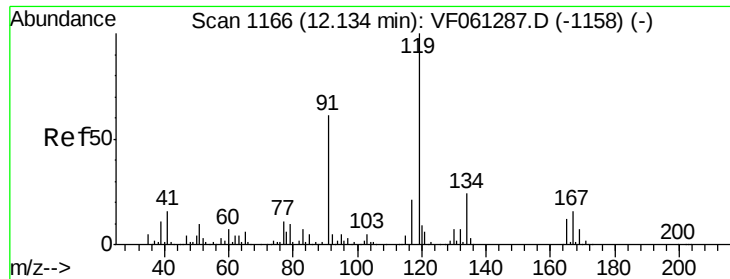
Tgt Ion: 75 Resp: 38434
Ion Ratio Lower Upper
75 100
53 90.8 62.2 93.2
89 52.1 40.2 60.4



#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

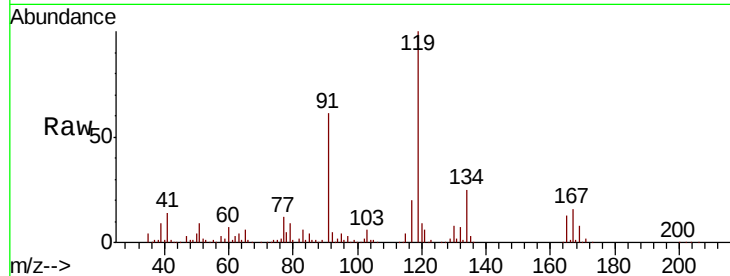
Tgt Ion: 91 Resp: 425720
Ion Ratio Lower Upper
91 100
126 29.1 16.4 49.4



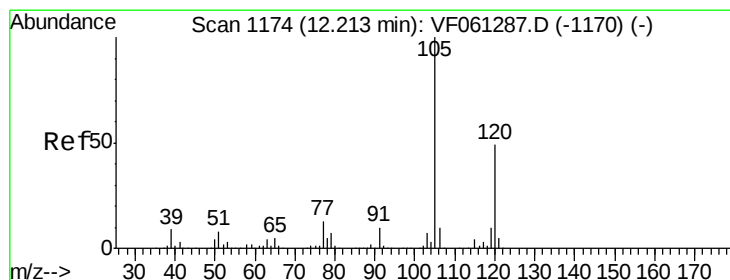
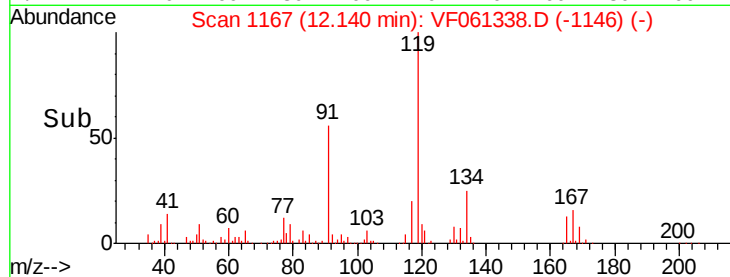
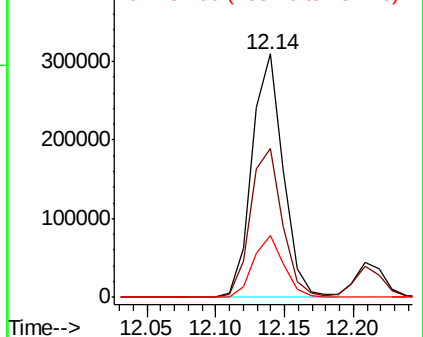


#83
 tert-Butylbenzene
 Concen: 49.141 ug/l
 RT: 12.14 min Scan# 1167
 Delta R.T. 0.01 min
 Lab File: VF061338.D
 Acq: 10 Jan 2019 12:10

Tgt Ion	Ratio	Lower	Upper
119	100		
91	61.3	30.8	92.4
134	25.3	11.9	35.9

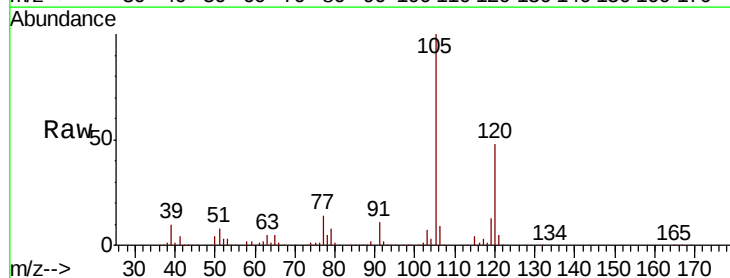


Abundance Ion 119.00 (118.70 to 119.70): V
 Ion 91.00 (90.70 to 91.70): VF0
 Ion 134.00 (133.70 to 134.70): V

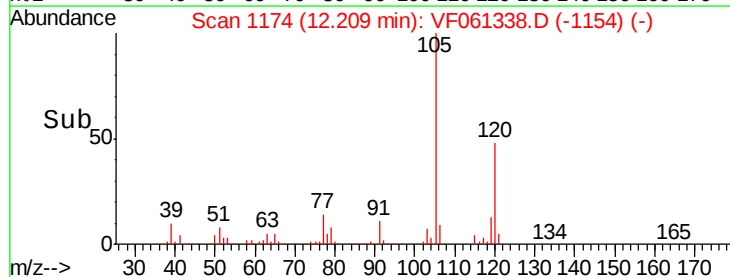
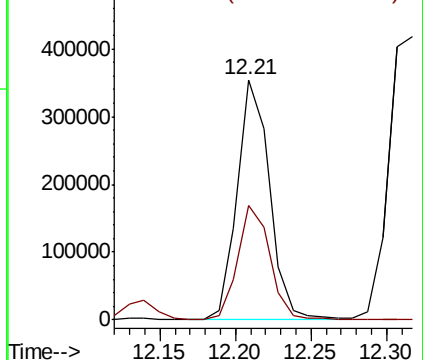


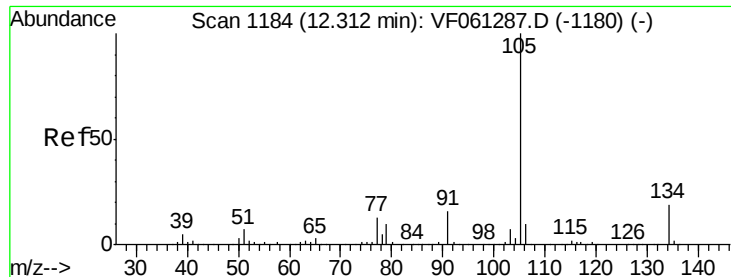
#84
 1,2,4-Trimethylbenzene
 Concen: 52.735 ug/l
 RT: 12.21 min Scan# 1174
 Delta R.T. -0.00 min
 Lab File: VF061338.D
 Acq: 10 Jan 2019 12:10

Tgt Ion	Ratio	Lower	Upper
105	100		
120	47.6	24.7	74.1



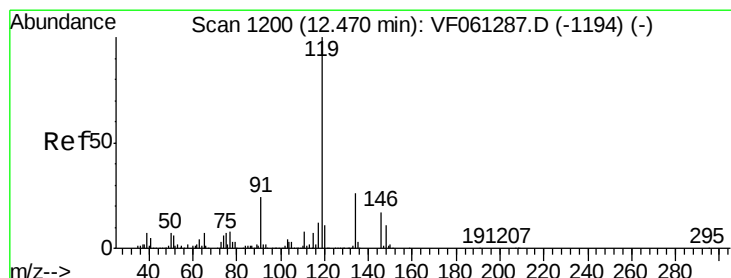
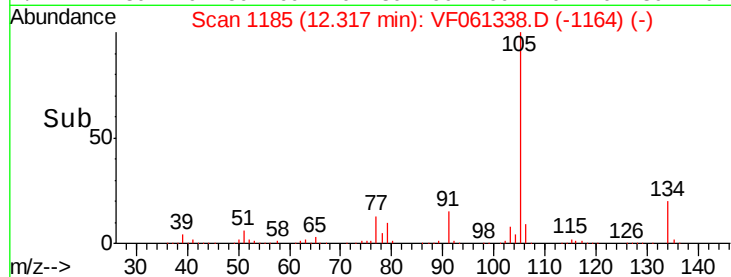
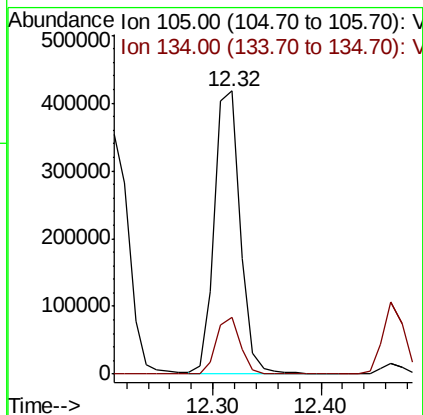
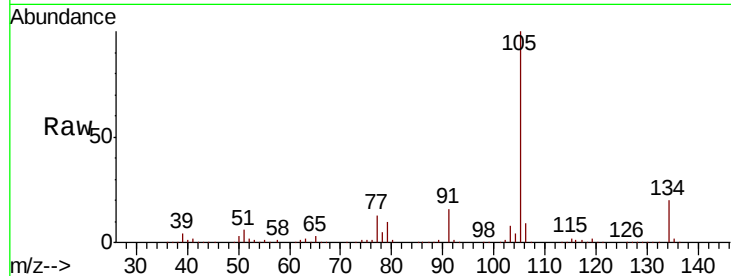
Abundance Ion 105.00 (104.70 to 105.70): V
 Ion 120.00 (119.70 to 120.70): V





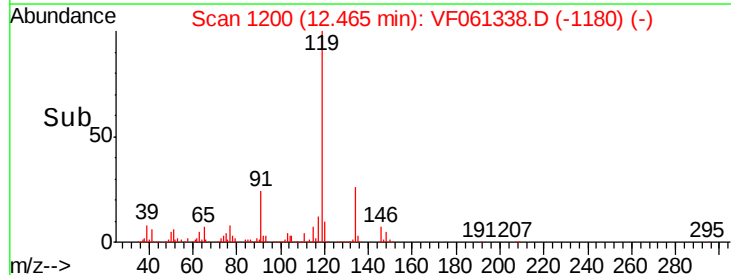
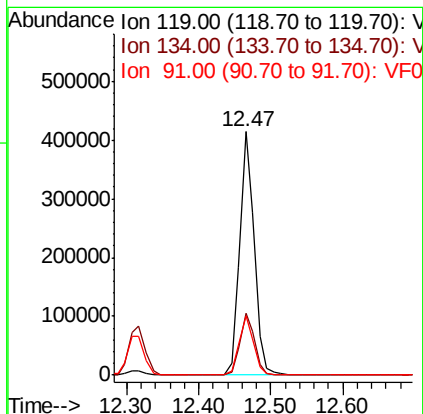
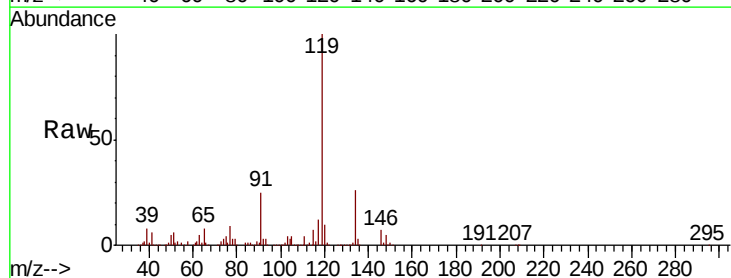
#85
 sec-Butylbenzene
 Concen: 48.509 ug/l
 RT: 12.32 min Scan# 1185
 Delta R.T. 0.01 min
 Lab File: VF061338.D
 Acq: 10 Jan 2019 12:10

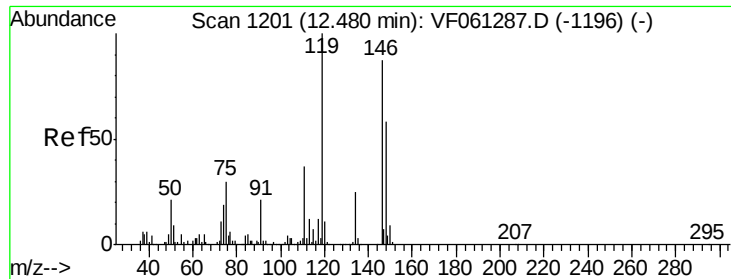
Tgt Ion:105 Resp: 691988
 Ion Ratio Lower Upper
 105 100
 134 20.1 9.7 28.9



#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

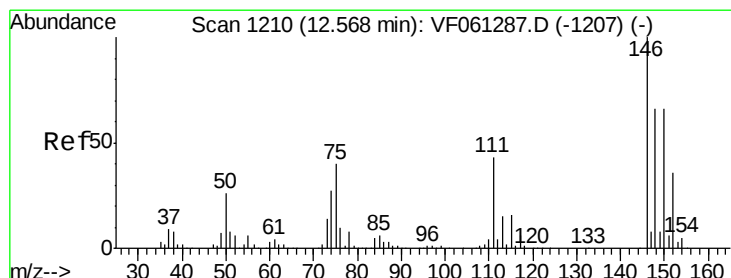
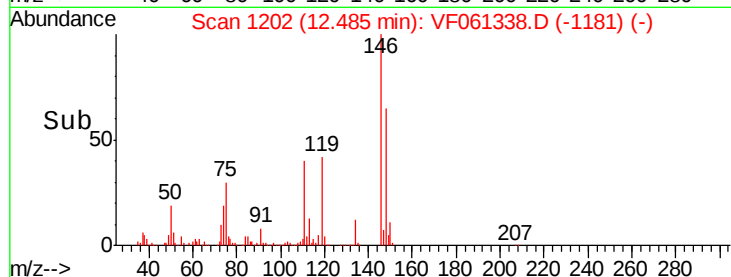
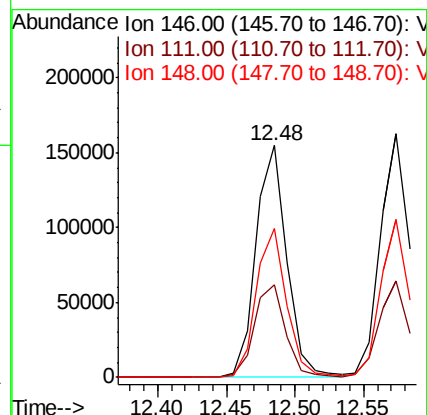
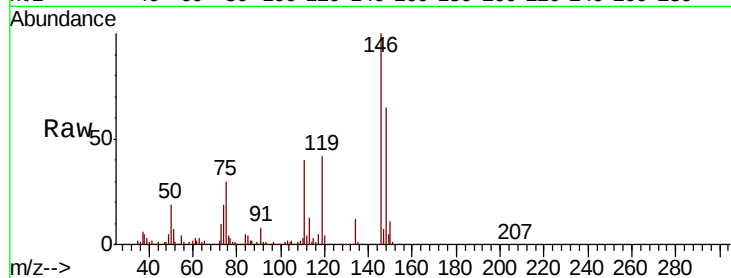
Tgt Ion:119 Resp: 582368
 Ion Ratio Lower Upper
 119 100
 134 25.5 13.0 39.0
 91 24.6 12.2 36.4





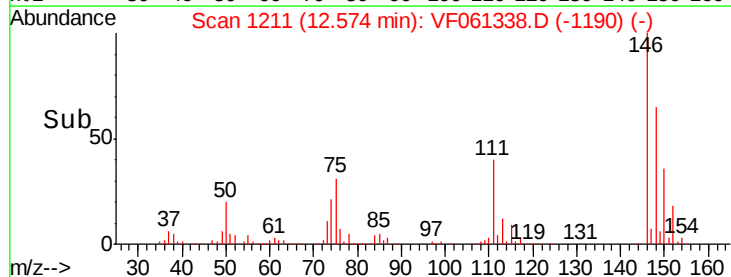
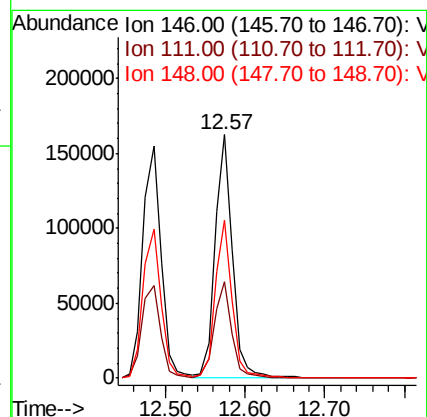
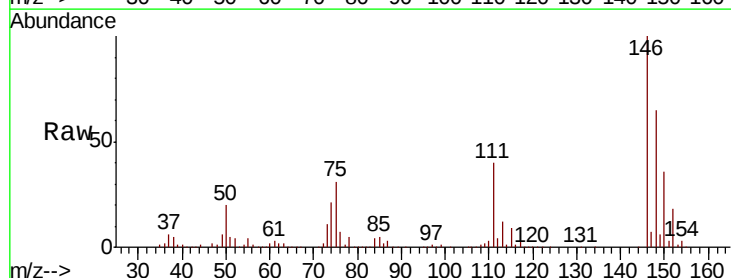
#87
 1,3-Dichlorobenzene
 Concen: 49.506 ug/l
 RT: 12.48 min Scan# 1202
 Delta R.T. 0.01 min
 Lab File: VF061338.D
 Acq: 10 Jan 2019 12:10

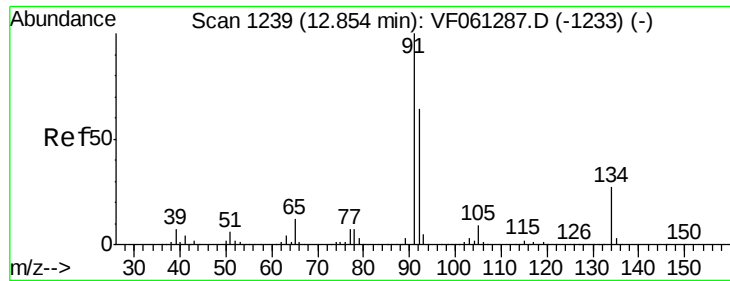
Tgt Ion	Ratio	Lower	Upper
146	100		
111	39.7	21.1	63.3
148	64.5	33.1	99.5



#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

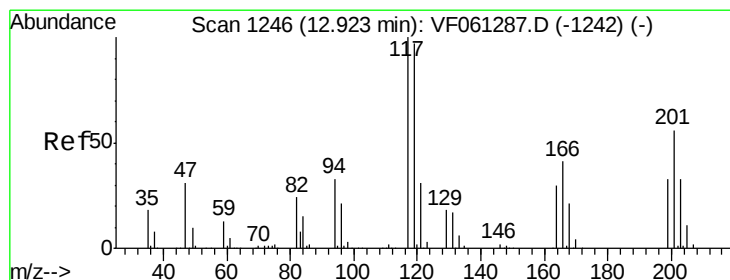
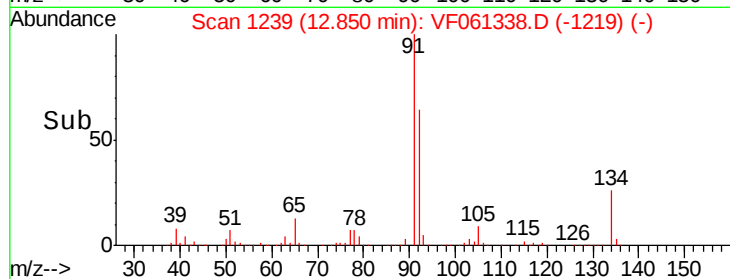
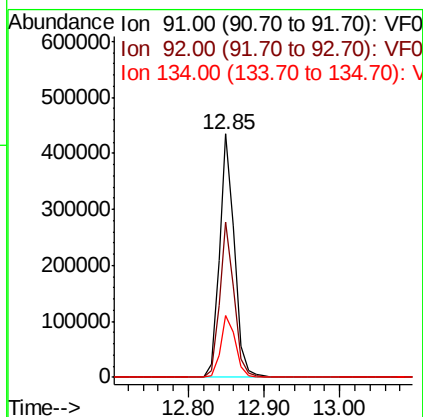
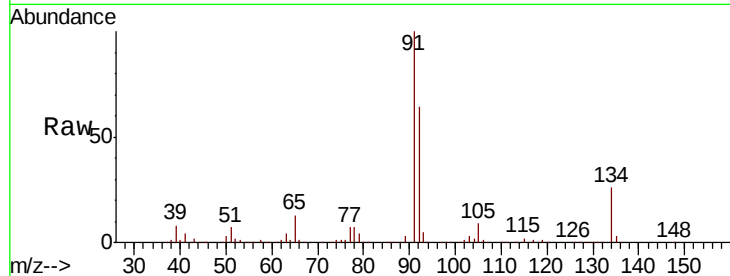
Tgt Ion	Ratio	Lower	Upper
146	100		
111	39.6	21.4	64.2
148	65.0	33.0	98.9





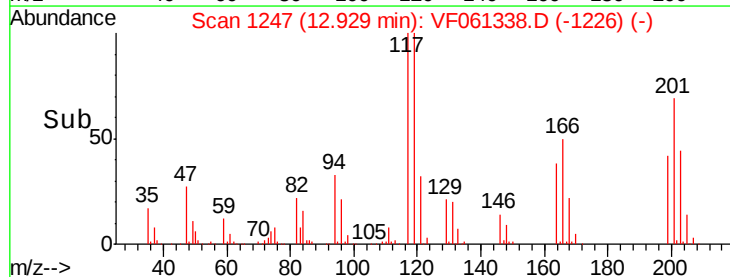
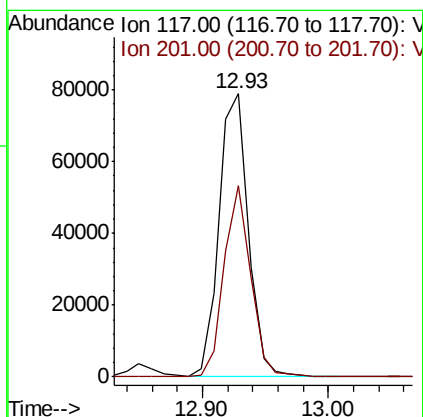
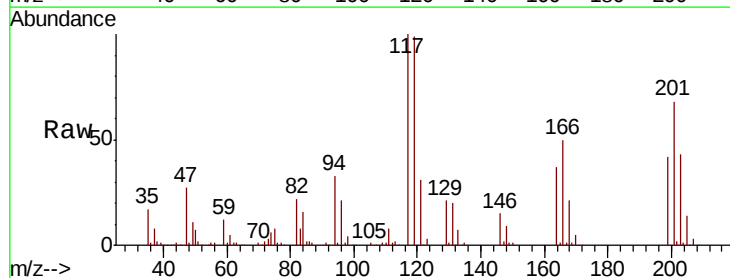
#89
n-Butylbenzene
Concen: 50.455 ug/l
RT: 12.85 min Scan# 1239
Delta R.T. -0.00 min
Lab File: VF061338.D
Acq: 10 Jan 2019 12:10

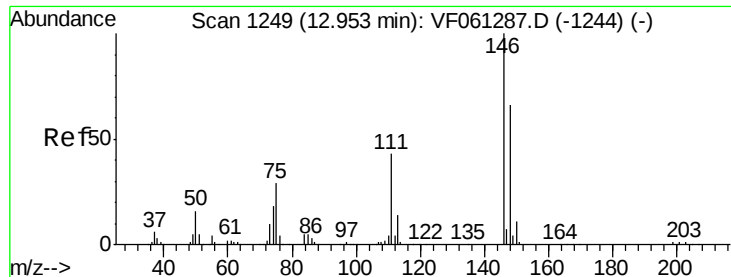
Tgt Ion: 91 Resp: 601518
Ion Ratio Lower Upper
91 100
92 64.0 32.1 96.3
134 25.6 13.4 40.1



#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

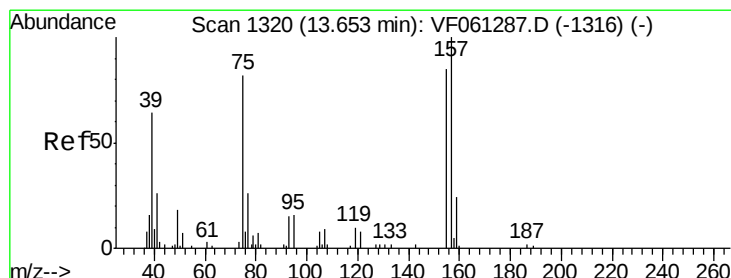
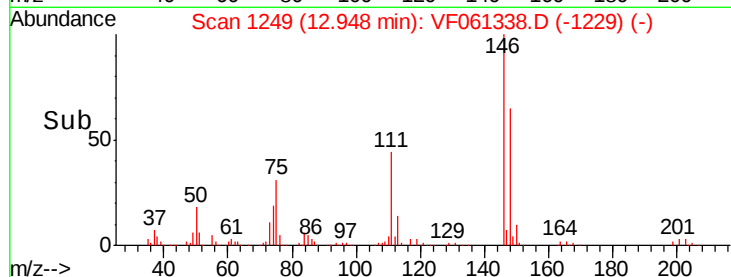
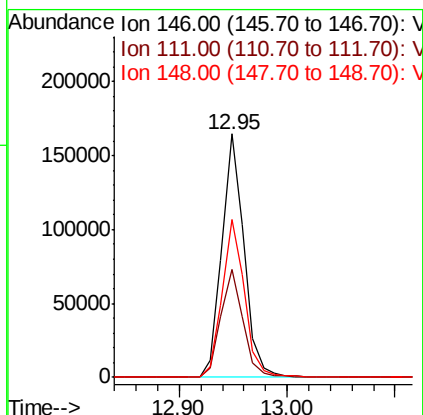
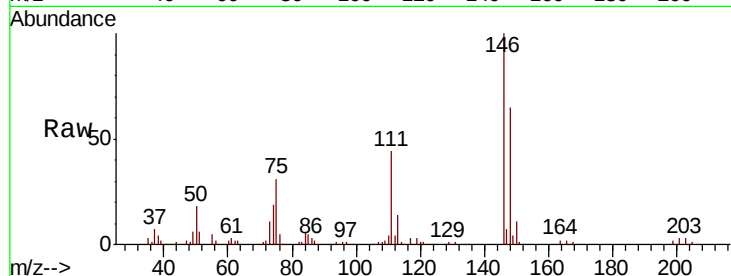
Tgt Ion: 117 Resp: 127459
Ion Ratio Lower Upper
117 100
201 67.8 27.9 83.7





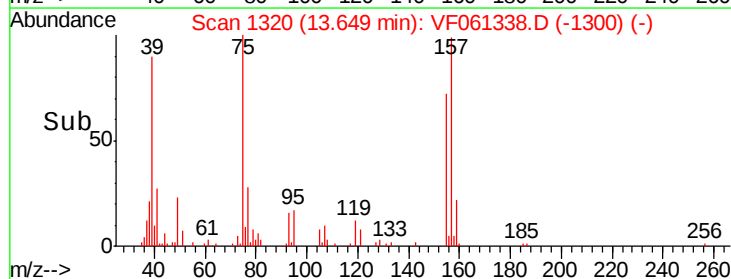
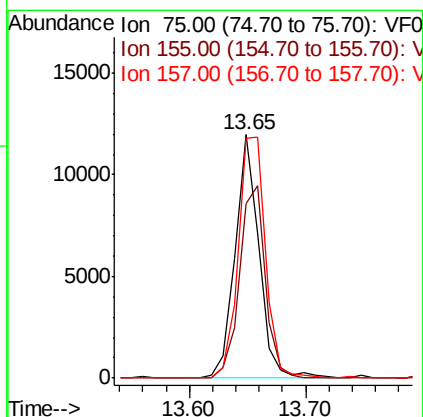
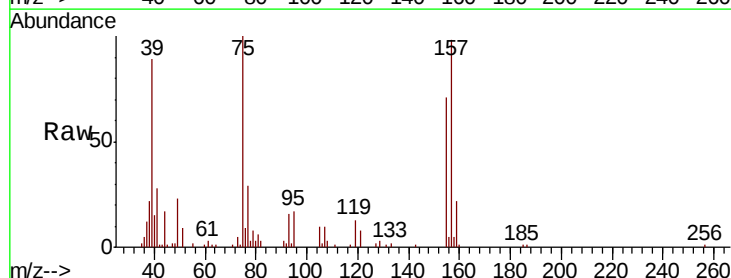
#91
 1,2-Dichlorobenzene
 Concen: 50.226 ug/l
 RT: 12.95 min Scan# 1249
 Delta R.T. -0.00 min
 Lab File: VF061338.D
 Acq: 10 Jan 2019 12:10

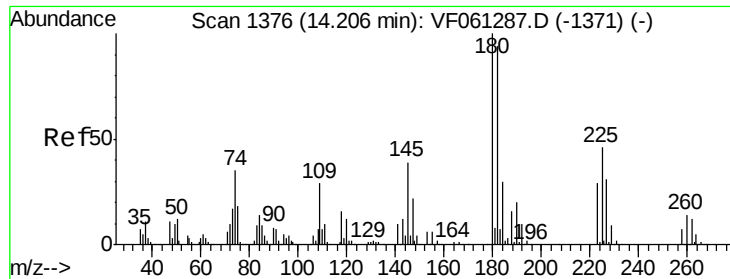
Tgt Ion	Ratio	Lower	Upper
146	100		
111	44.3	21.4	64.3
148	64.9	33.1	99.2



#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

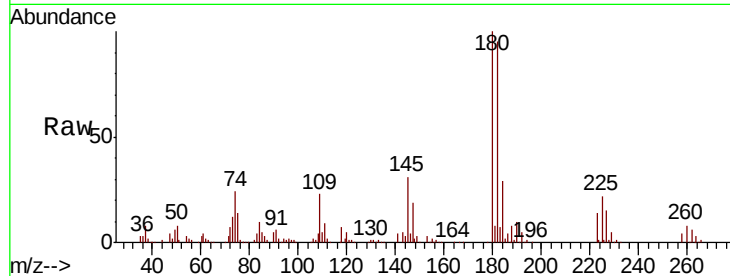
Tgt Ion	Ratio	Lower	Upper
75	100		
155	71.4	51.3	154.0
157	98.4	60.7	182.0



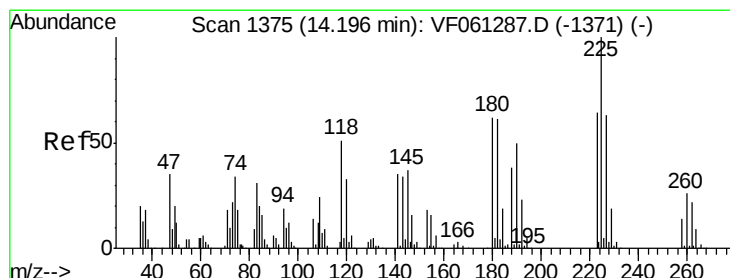
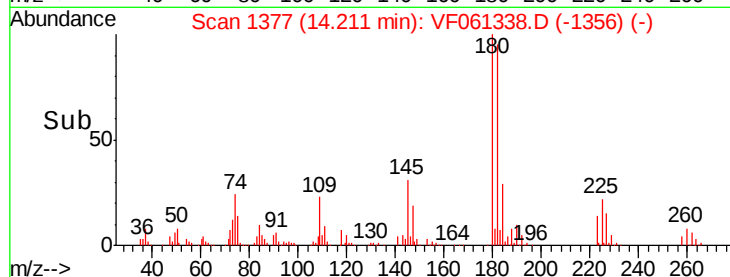
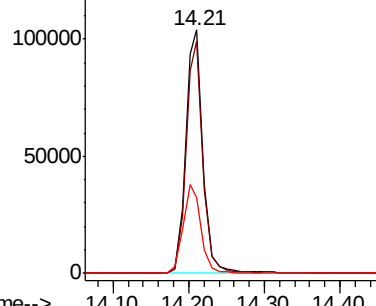


#93
 1,2,4-Trichlorobenzene
 Concen: 51.942 ug/l
 RT: 14.21 min Scan# 1377
 Delta R.T. 0.01 min
 Lab File: VF061338.D
 Acq: 10 Jan 2019 12:10

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.1	47.0	141.2
145	31.1	19.7	59.1

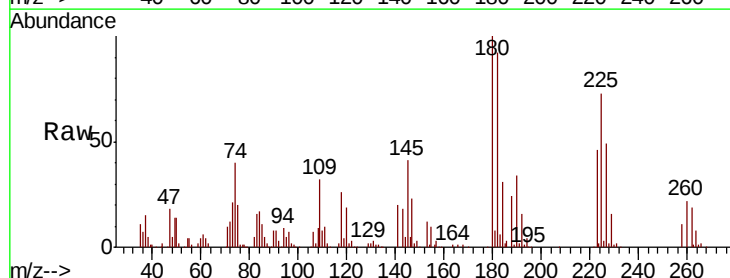


Abundance Ion 180.00 (179.70 to 180.70): V
 Ion 182.00 (181.70 to 182.70): V
 Ion 145.00 (144.70 to 145.70): V

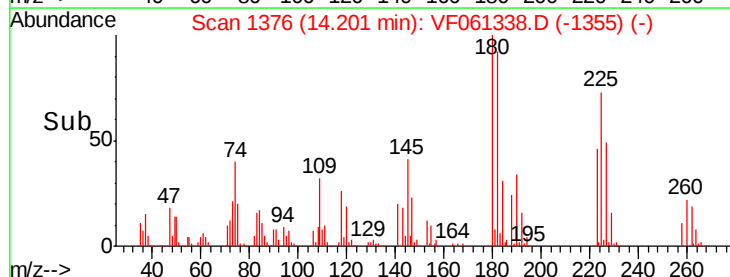
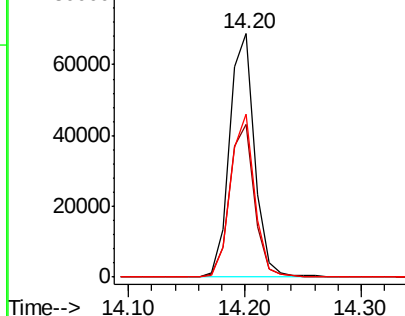


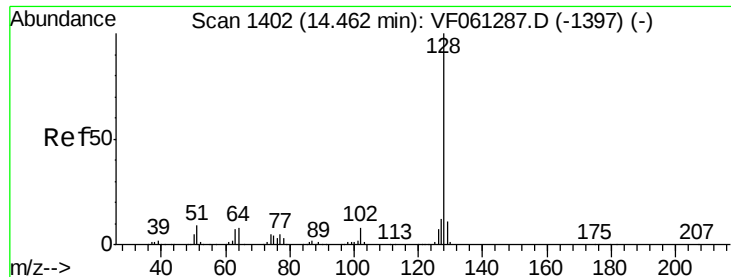
#94
 Hexachlorobutadiene
 Concen: 49.461 ug/l
 RT: 14.20 min Scan# 1376
 Delta R.T. 0.01 min
 Lab File: VF061338.D
 Acq: 10 Jan 2019 12:10

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



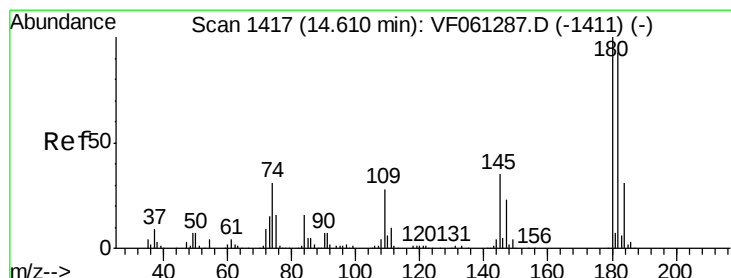
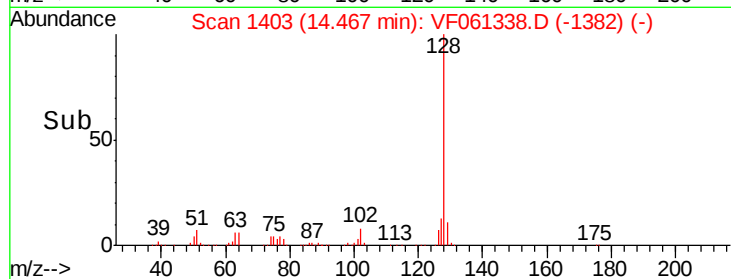
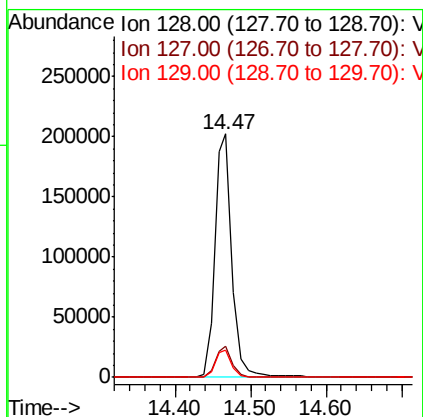
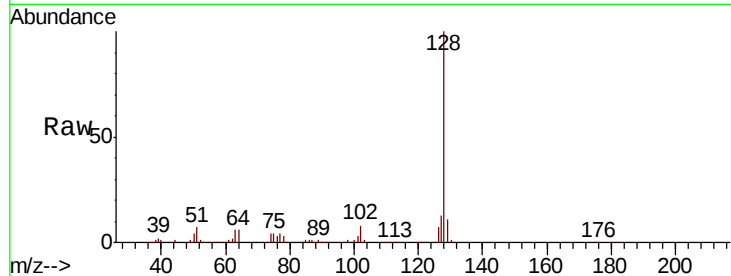
Abundance Ion 225.00 (224.70 to 225.70): V
 Ion 223.00 (222.70 to 223.70): V
 Ion 227.00 (226.70 to 227.70): V





#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

Tgt 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

