

Data Path : Z:\HPCHEM1\MSVOA_F\DATA\VF011019\
 Data File : VF061341.D
 Acq On : 10 Jan 2019 13:53
 Operator : VA/AP
 Sample : VF0110SBSD01
 Misc : 5.00g/5mL/MSVOA-F/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Quant Time: Jan 11 00:30:04 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	211074	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.61	114	353129	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.78	117	320527	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.55	152	172009	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.85	65	115843	49.31	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.62%	
35) Dibromofluoromethane	4.12	113	131573	48.69	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.38%	
50) Toluene-d8	7.56	98	393746	49.24	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.48%	
62) 4-Bromofluorobenzene	11.42	95	173684	49.74	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.48%	

Target Compounds					Qvalue
2) Dichlorodifluoromethane	0.96	85	67939	17.449	ug/l 97
3) Chloromethane	1.09	50	56322	16.233	ug/l 94
4) Vinyl Chloride	1.14	62	47638	15.373	ug/l 100
5) Bromomethane	1.31	94	31240	14.038	ug/l 83
6) Chloroethane	1.40	64	23443	15.492	ug/l # 89
7) Trichlorofluoromethane	1.47	101	85723	16.318	ug/l 95
8) Diethyl Ether	1.63	74	11460	14.856	ug/l 70
9) 1,1,2-Trichlorotrifluoroet	1.84	101	43654	15.738	ug/l 94
10) Methyl Iodide	1.85	142	20456	4.707	ug/l 90
11) Tert butyl alcohol	2.57	59	8105	86.164	ug/l # 81
12) 1,1-Dichloroethene	1.79	96	35886	16.179	ug/l 98
13) Acrolein	2.01	56	7603	58.058	ug/l 94
14) Allyl chloride	2.10	41	56708	13.987	ug/l 98
15) Acrylonitrile	2.94	53	25123	75.341	ug/l 92
16) Acetone	2.24	43	53238	97.412	ug/l # 89
17) Carbon Disulfide	1.80	76	106844	14.584	ug/l 98
18) Methyl Acetate	2.43	43	16990	15.801	ug/l 95
19) Methyl tert-butyl Ether	2.43	73	67539	15.979	ug/l 97
20) Methylene Chloride	2.19	84	17429	7.538	ug/l 92
21) trans-1,2-Dichloroethene	2.31	96	36393	15.484	ug/l 91
22) Diisopropyl ether	2.81	45	120222	15.327	ug/l 97
23) Vinyl Acetate	3.19	43	229022	99.843	ug/l 100
24) 1,1-Dichloroethane	2.88	63	74736	16.472	ug/l 97
25) 2-Butanone	4.35	43	84771	96.372	ug/l 95
26) 2,2-Dichloropropane	3.61	77	42550	14.034	ug/l 94
27) cis-1,2-Dichloroethene	3.49	96	55967	17.055	ug/l 96
28) Bromochloromethane	3.72	49	36744	18.368	ug/l # 99
29) Tetrahydrofuran	4.08	42	34283	93.217	ug/l 97
30) Chloroform	3.87	83	101891	17.690	ug/l 98
31) Cyclohexane	3.69	56	51288	10.775	ug/l 88
32) 1,1,1-Trichloroethane	4.11	97	65392	14.056	ug/l 89
36) 1,1-Dichloropropene	4.29	75	77933	18.899	ug/l 93
37) Ethyl Acetate	4.12	43	30487	20.302	ug/l # 73
38) Carbon Tetrachloride	4.00	117	59199	15.158	ug/l 98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	5.46	83	91057	17.647	ug/l	94
40) Benzene	4.64	78	179127	18.606	ug/l	98
41) Methacrylonitrile	4.76	41	16385	19.539	ug/l	96
42) 1,2-Dichloroethane	4.95	62	55766	18.605	ug/l	94
43) Isopropyl Acetate	6.97	43	40614	20.485	ug/l #	96
44) Trichloroethene	5.51	130	57454	20.392	ug/l	82
45) 1,2-Dichloropropane	6.24	63	47448	19.381	ug/l	97
46) Dibromomethane	6.09	93	29213	19.434	ug/l	95
47) Bromodichloromethane	6.40	83	73056	19.542	ug/l	98
48) Methyl methacrylate	6.72	41	23765	18.467	ug/l	98
49) 1,4-Dioxane	6.71	88	3347	412.188	ug/l #	89
51) 4-Methyl-2-Pentanone	8.27	43	152917	102.186	ug/l	97
52) Toluene	7.63	92	121986	19.713	ug/l	97
53) t-1,3-Dichloropropene	8.28	75	60645	20.656	ug/l	91
54) cis-1,3-Dichloropropene	7.30	75	82026	21.072	ug/l	94
55) 1,1,2-Trichloroethane	8.50	97	33417	19.298	ug/l	95
56) Ethyl methacrylate	8.63	69	39170	20.240	ug/l	95
57) 1,3-Dichloropropane	8.86	76	58961	19.240	ug/l	99
58) 2-Chloroethyl Vinyl ether	7.30	63	9885	119.858	ug/l	98
59) 2-Hexanone	9.50	43	115279	108.737	ug/l	97
60) Dibromochloromethane	8.73	129	44199	19.169	ug/l	93
61) 1,2-Dibromoethane	8.99	107	34670	19.642	ug/l	93
64) Tetrachloroethene	8.16	164	47622	20.406	ug/l	98
65) Chlorobenzene	9.81	112	125906	19.452	ug/l	100
66) 1,1,1,2-Tetrachloroethane	9.94	131	49840	18.871	ug/l	95
67) Ethyl Benzene	9.91	91	239492	19.191	ug/l	97
68) m/p-Xylenes	10.14	106	177279	40.724	ug/l	97
69) o-Xylene	10.72	106	95162	19.569	ug/l	95
70) Styrene	10.80	104	127631	19.702	ug/l	99
71) Bromoform	10.78	173	21312	19.745	ug/l #	96
73) Isopropylbenzene	11.13	105	277707	18.348	ug/l	100
74) N-amyl acetate	11.38	43	71497	20.780	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.70	83	46910	19.547	ug/l	96
76) 1,2,3-Trichloropropane	11.80	75	33316	18.928	ug/l	94
77) Bromobenzene	11.50	156	56550	18.780	ug/l	94
78) n-propylbenzene	11.60	91	346747	19.214	ug/l	96
79) 2-Chlorotoluene	11.72	91	193643	19.259	ug/l	97
80) 1,3,5-Trimethylbenzene	11.83	105	234146	19.441	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.87	75	18627	24.217	ug/l #	84
82) 4-Chlorotoluene	11.90	91	194198	19.008	ug/l	97
83) tert-Butylbenzene	12.14	119	232694	19.393	ug/l	97
84) 1,2,4-Trimethylbenzene	12.21	105	247734	20.718	ug/l	98
85) sec-Butylbenzene	12.32	105	329247	19.271	ug/l	100
86) p-Isopropyltoluene	12.46	119	282688	20.342	ug/l	97
87) 1,3-Dichlorobenzene	12.48	146	122092	20.762	ug/l	95
88) 1,4-Dichlorobenzene	12.57	146	113583	20.091	ug/l	96
89) n-Butylbenzene	12.85	91	278719	19.520	ug/l	98
90) Hexachloroethane	12.93	117	59168	18.613	ug/l	84
91) 1,2-Dichlorobenzene	12.95	146	110177	19.630	ug/l	96
92) 1,2-Dibromo-3-Chloropropan	13.65	75	7421	18.301	ug/l	89

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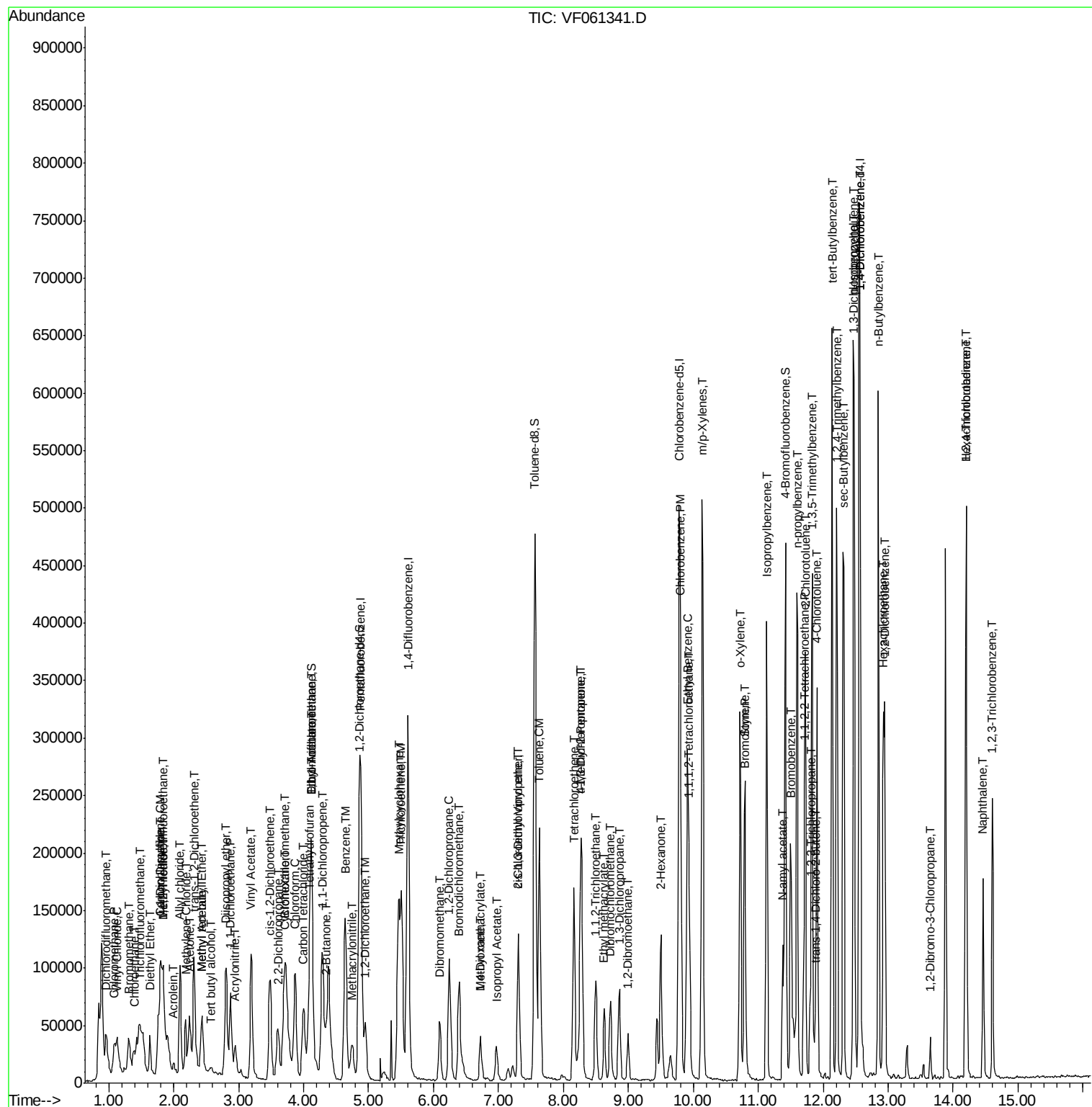
Quant Time: Jan 11 00:30:04 2019
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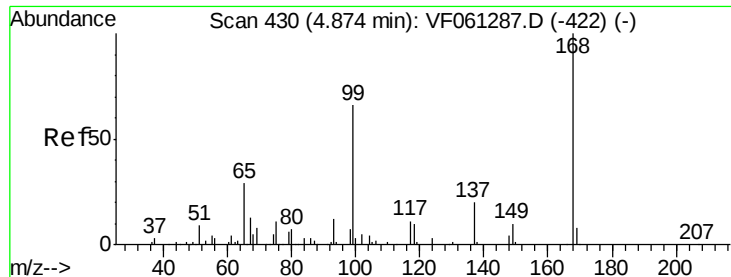
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.21	180	73374	18.997	ug/l	93
94) Hexachlorobutadiene	14.20	225	43411	17.458	ug/l	95
95) Naphthalene	14.47	128	126608	17.394	ug/l	99
96) 1,2,3-Trichlorobenzene	14.60	180	65705	18.059	ug/l	96

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

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.88 min Scan# 431

Delta R.T. 0.00 min

Lab File: VF061341.D

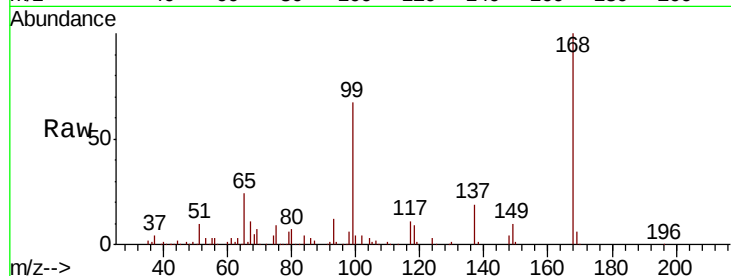
Acq: 10 Jan 2019 13:53

Tgt Ion: 168 Resp: 211074

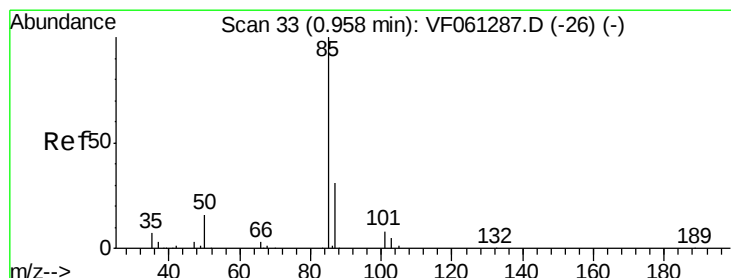
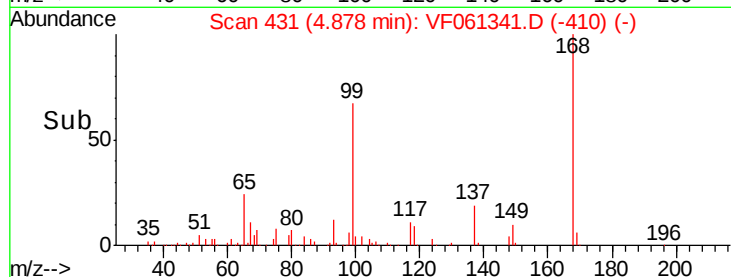
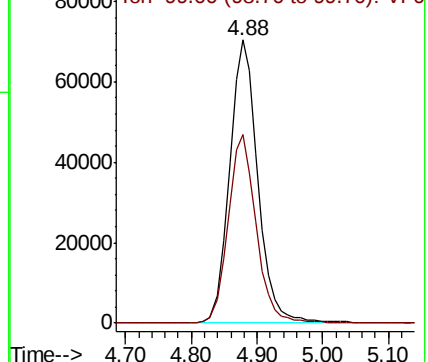
Ion Ratio Lower Upper

168 100

99 66.7 52.7 79.1



Abundance Ion 168.00 (167.70 to 168.70): VF0



#2

Dichlorodifluoromethane

Concen: 17.449 ug/l

RT: 0.96 min Scan# 34

Delta R.T. 0.00 min

Lab File: VF061341.D

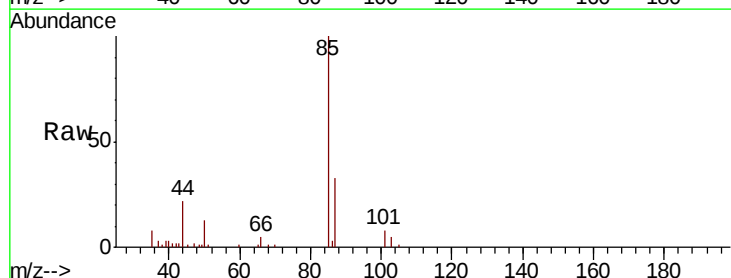
Acq: 10 Jan 2019 13:53

Tgt Ion: 85 Resp: 67939

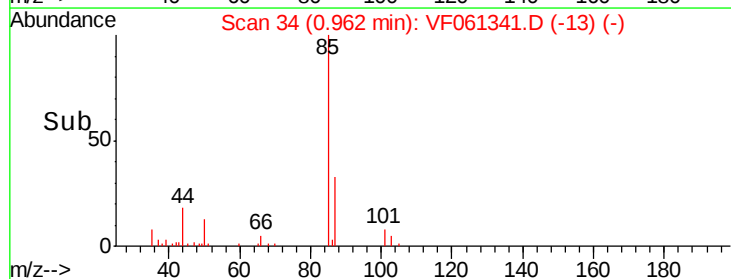
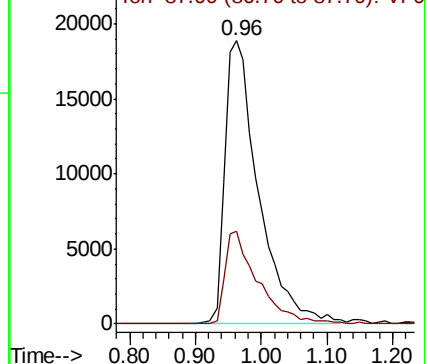
Ion Ratio Lower Upper

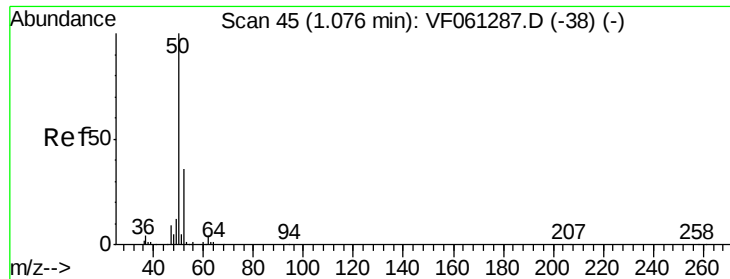
85 100

87 32.6 15.4 46.2



Abundance Ion 85.00 (84.70 to 85.70): VF0





#3

Chloromethane

Concen: 16.233 ug/l

RT: 1.09 min Scan# 47

Delta R.T. 0.01 min

Lab File: VF061341.D

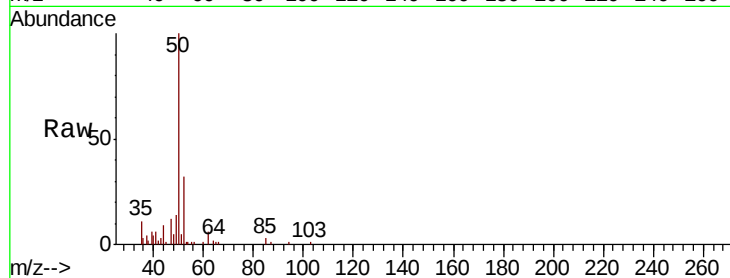
Acq: 10 Jan 2019 13:53

Tgt Ion: 50 Resp: 56322

Ion Ratio Lower Upper

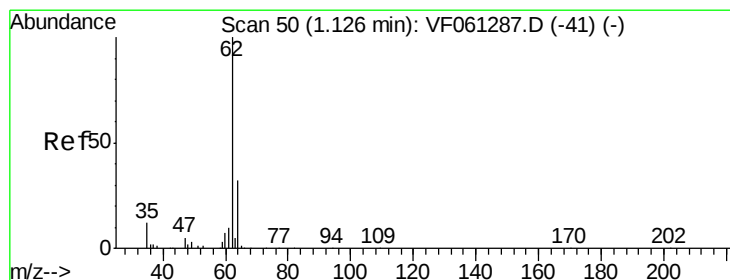
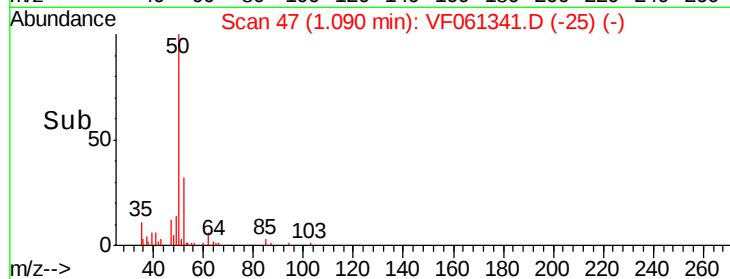
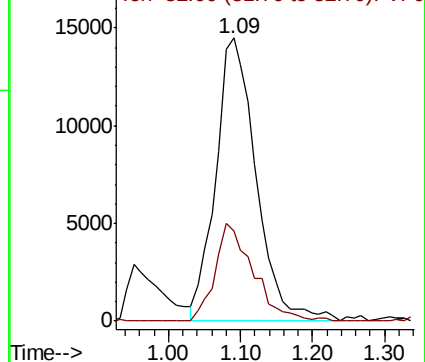
50 100

52 31.8 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: 15.373 ug/l

RT: 1.14 min Scan# 52

Delta R.T. 0.01 min

Lab File: VF061341.D

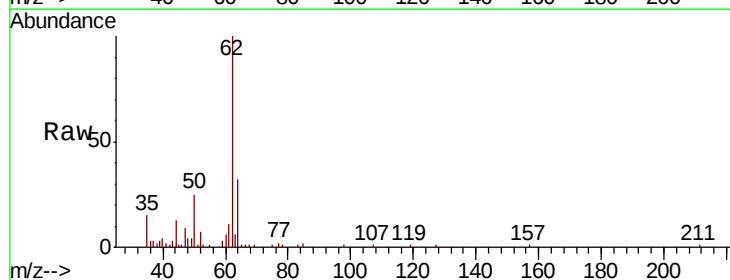
Acq: 10 Jan 2019 13:53

Tgt Ion: 62 Resp: 47638

Ion Ratio Lower Upper

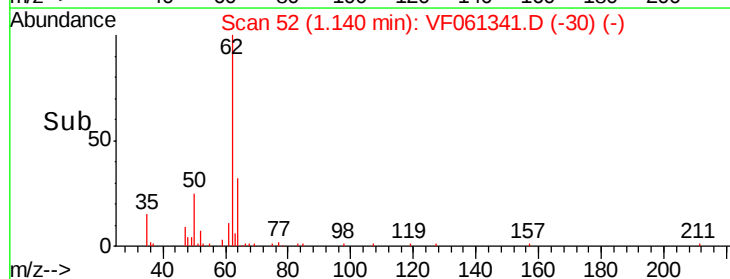
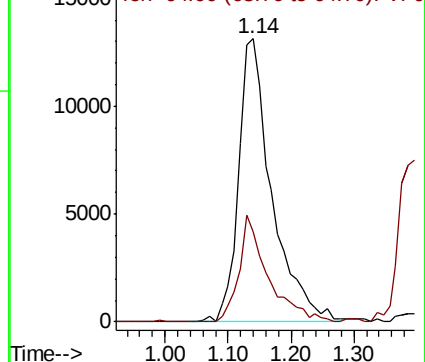
62 100

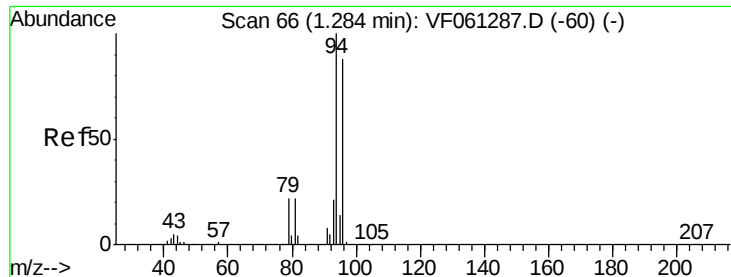
64 31.8 25.4 38.0



Abundance Ion 62.00 (61.70 to 62.70): VF0

Ion 64.00 (63.70 to 64.70): VF0





#5

Bromomethane

Concen: 14.038 ug/l

RT: 1.31 min Scan# 69

Delta R.T. 0.02 min

Lab File: VF061341.D

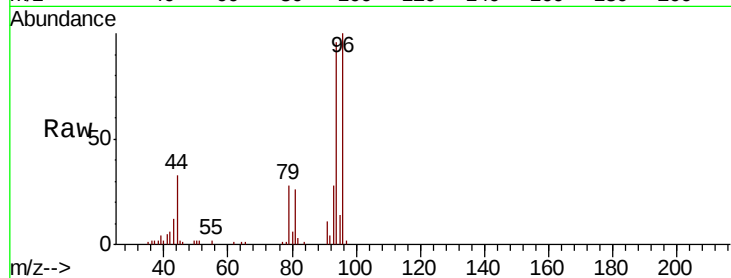
Acq: 10 Jan 2019 13:53

Tgt Ion: 94 Resp: 31240

Ion Ratio Lower Upper

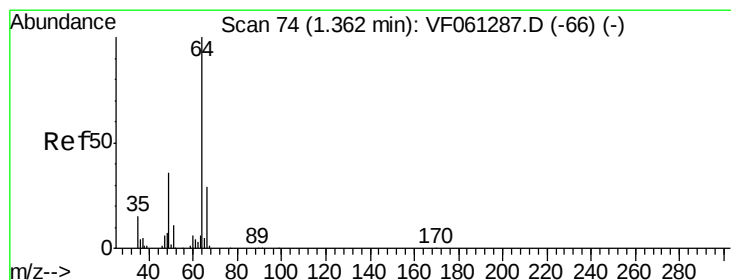
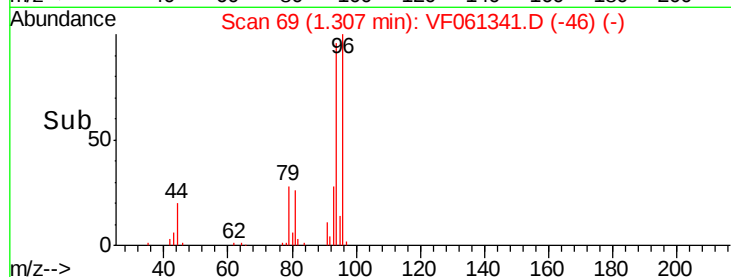
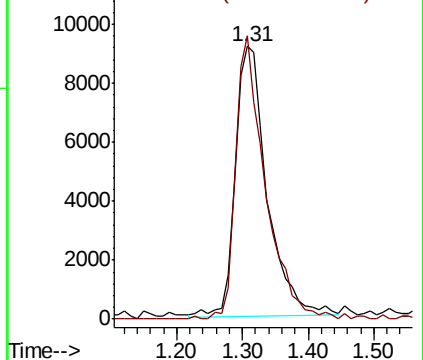
94 100

96 103.8 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: 15.492 ug/l

RT: 1.40 min Scan# 78

Delta R.T. 0.03 min

Lab File: VF061341.D

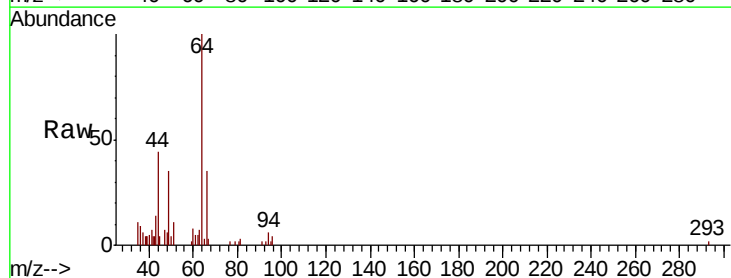
Acq: 10 Jan 2019 13:53

Tgt Ion: 64 Resp: 23443

Ion Ratio Lower Upper

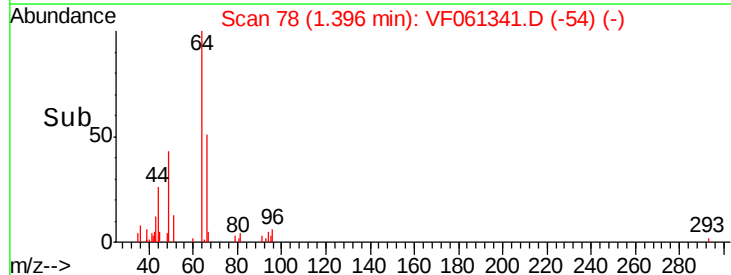
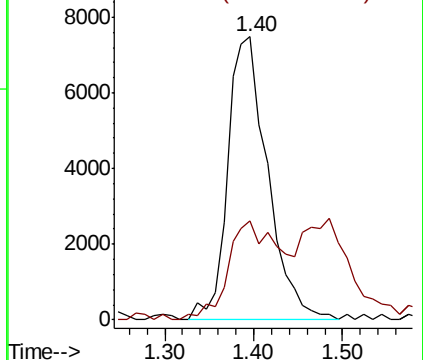
64 100

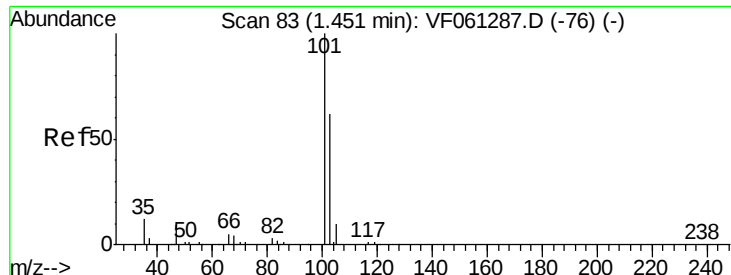
66 35.2 23.4 35.0#



Abundance Ion 64.00 (63.70 to 64.70): VF0

Ion 66.00 (65.70 to 66.70): VF0

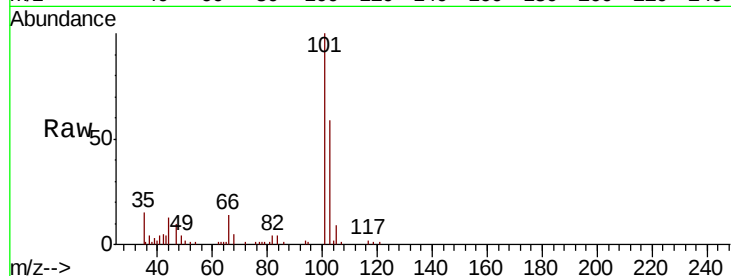




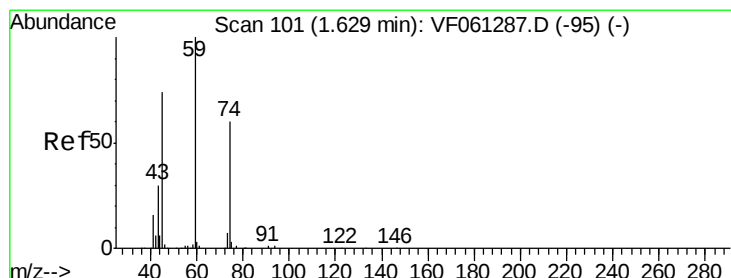
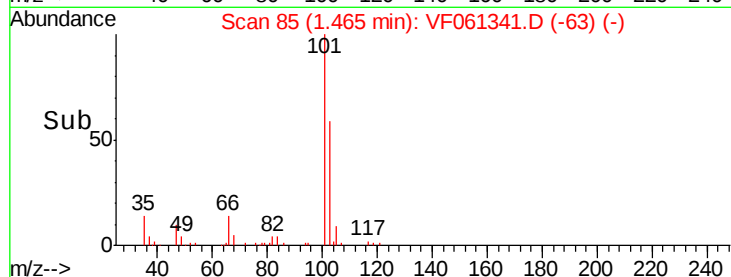
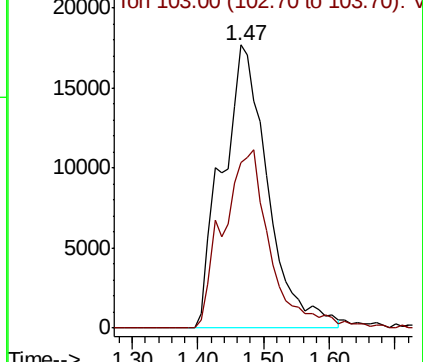
#7

Trichlorofluoromethane
Concen: 16.318 ug/l
RT: 1.47 min Scan# 85
Delta R.T. 0.01 min
Lab File: VF061341.D
Acq: 10 Jan 2019 13:53

Tgt Ion: 101 Resp: 85723
Ion Ratio Lower Upper
101 100
103 58.5 49.9 74.9



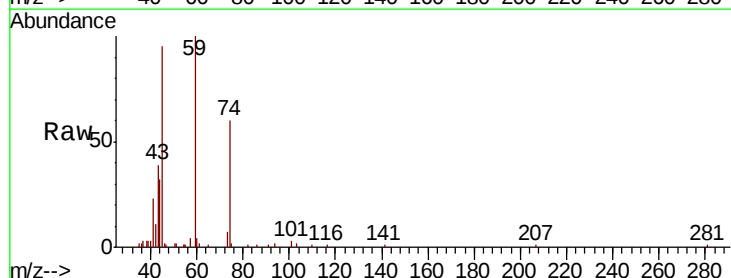
Abundance Ion 101.00 (100.70 to 101.70): V
Ion 103.00 (102.70 to 103.70): V



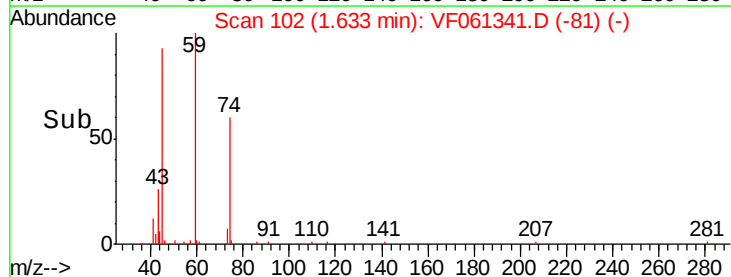
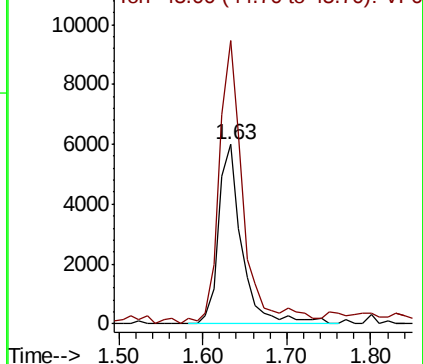
#8

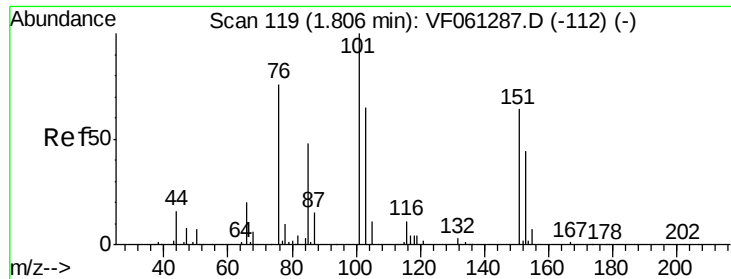
Diethyl Ether
Concen: 14.856 ug/l
RT: 1.63 min Scan# 102
Delta R.T. 0.00 min
Lab File: VF061341.D
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Tgt Ion: 74 Resp: 11460
Ion Ratio Lower Upper
74 100
45 157.7 62.1 186.3



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: 15.738 ug/l

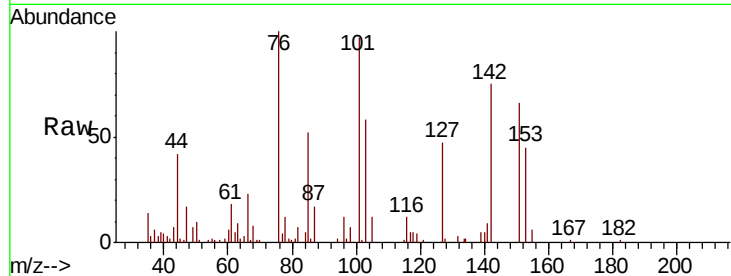
RT: 1.84 min Scan# 123

Delta R.T. 0.03 min

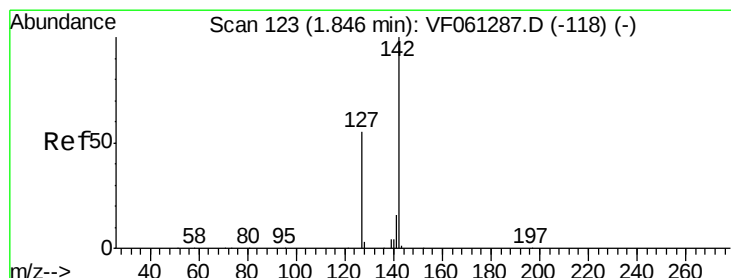
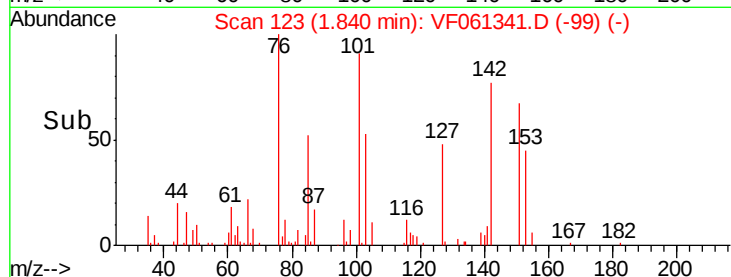
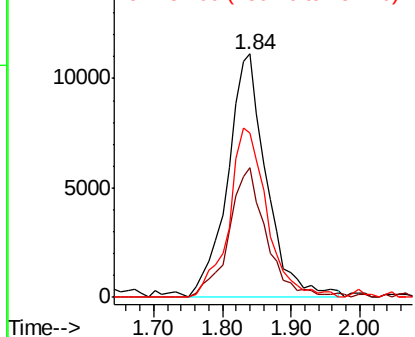
Lab File: VF061341.D

Acq: 10 Jan 2019 13:53

Tgt Ion:	101	Resp:	43654
Ion	Ratio	Lower	Upper
101	100		
85	53.1	38.4	57.6
151	67.4	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: 4.707 ug/l

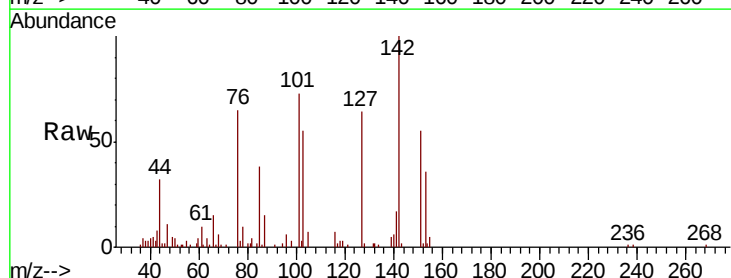
RT: 1.85 min Scan# 124

Delta R.T. 0.00 min

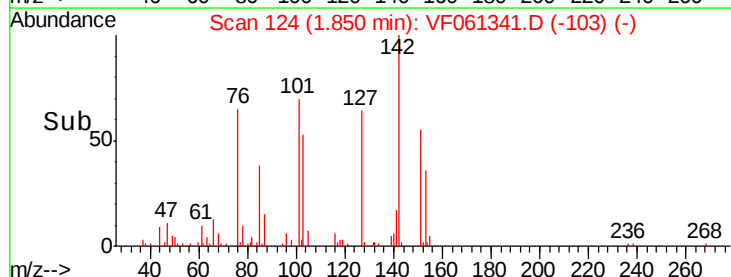
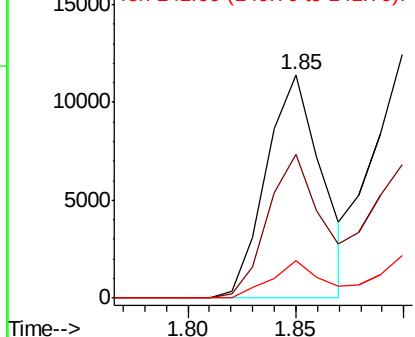
Lab File: VF061341.D

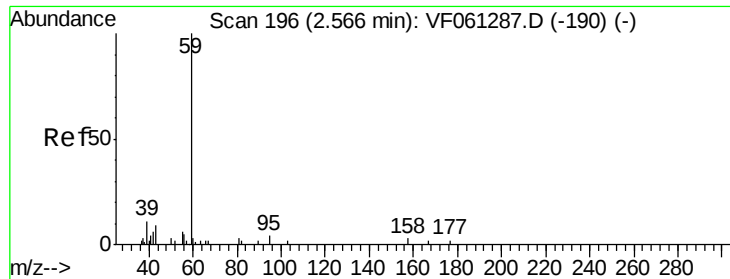
Acq: 10 Jan 2019 13:53

Tgt Ion:	142	Resp:	20456
Ion	Ratio	Lower	Upper
142	100		
127	64.1	44.3	66.5
141	17.0	13.2	19.8



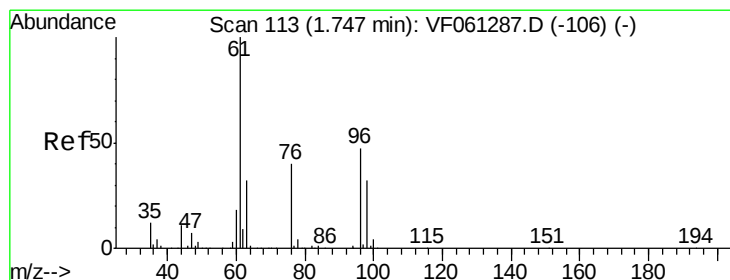
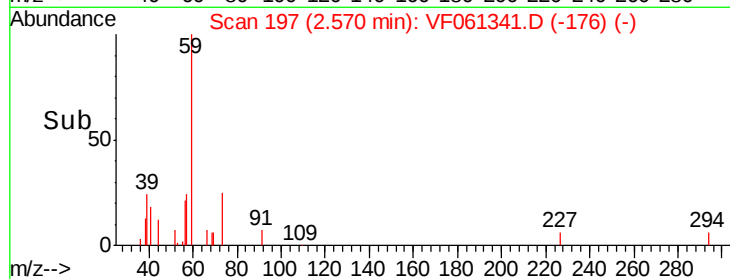
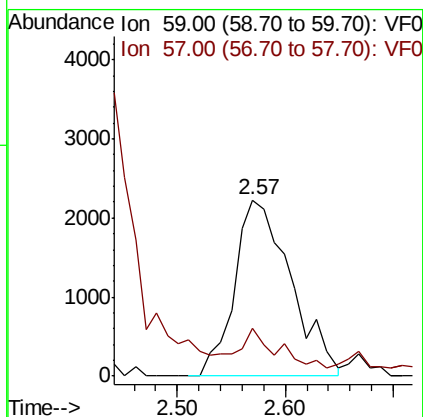
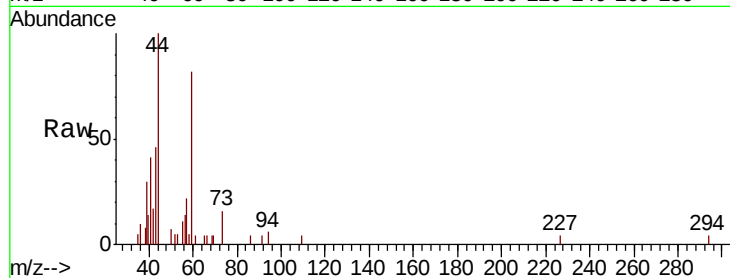
Abundance Ion 142.00 (141.70 to 142.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 141.00 (140.70 to 141.70): V





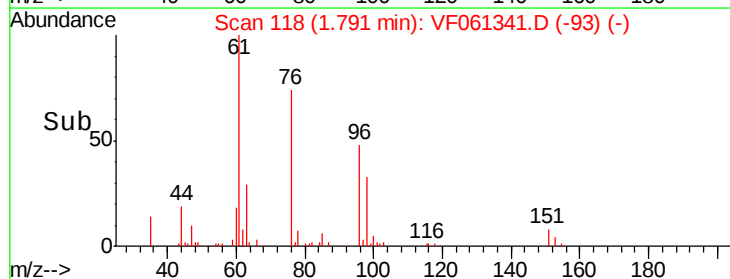
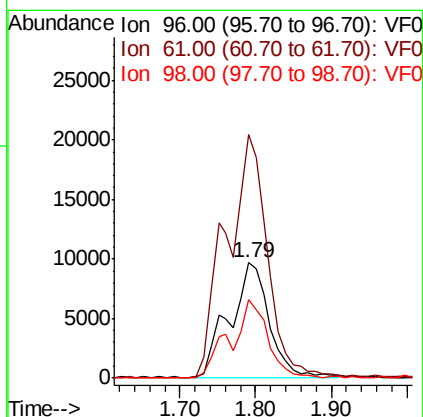
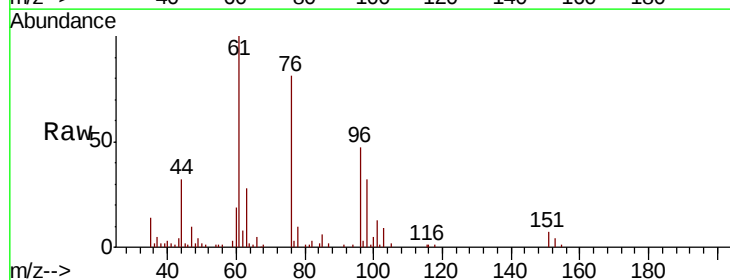
#11
Tert butyl alcohol
Concen: 86.164 ug/l
RT: 2.57 min Scan# 197
Delta R.T. 0.00 min
Lab File: VF061341.D
Acq: 10 Jan 2019 13:53

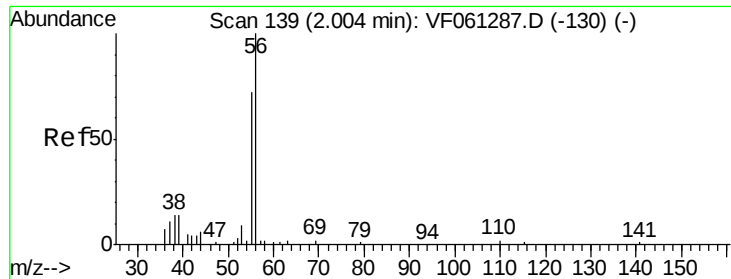
Tgt Ion: 59 Resp: 8105
Ion Ratio Lower Upper
59 100
57 27.3 15.1 22.7#



#12
1,1-Dichloroethene
Concen: 16.179 ug/l
RT: 1.79 min Scan# 118
Delta R.T. 0.04 min
Lab File: VF061341.D
Acq: 10 Jan 2019 13:53

Tgt Ion: 96 Resp: 35886
Ion Ratio Lower Upper
96 100
61 210.9 171.8 257.8
98 68.2 54.2 81.4





#13

Acrolein

Concen: 58.058 ug/l

RT: 2.01 min Scan# 140

Delta R.T. 0.00 min

Lab File: VF061341.D

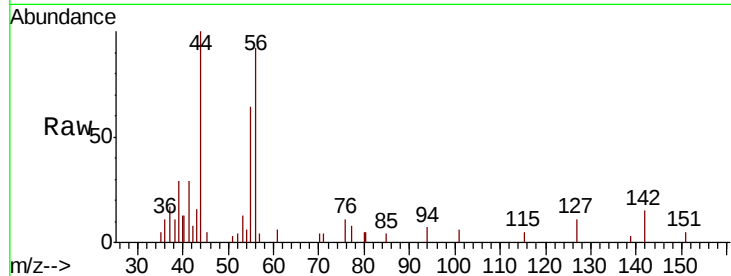
Acq: 10 Jan 2019 13:53

Tgt Ion: 56 Resp: 7603

Ion Ratio Lower Upper

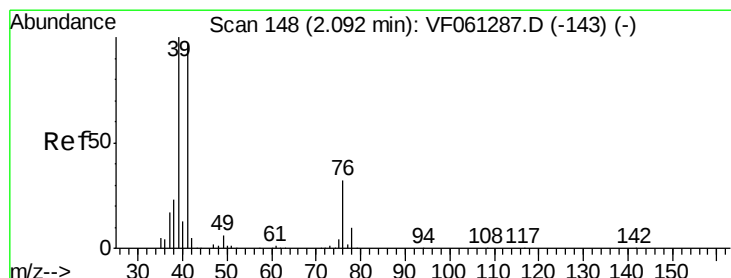
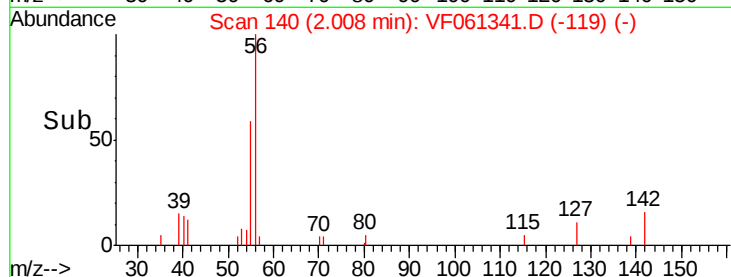
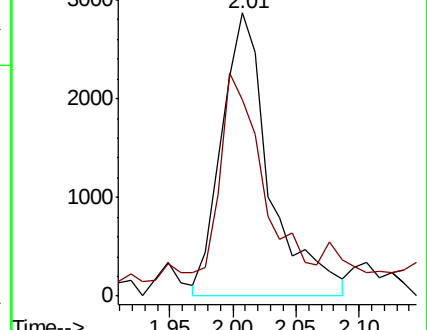
56 100

55 69.3 59.4 89.0



Abundance Ion 56.00 (55.70 to 56.70): VF0

Ion 55.00 (54.70 to 55.70): VF0



#14

Allyl chloride

Concen: 13.987 ug/l

RT: 2.10 min Scan# 149

Delta R.T. 0.00 min

Lab File: VF061341.D

Acq: 10 Jan 2019 13:53

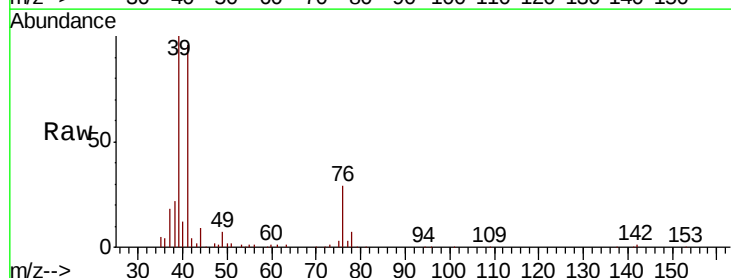
Tgt Ion: 41 Resp: 56708

Ion Ratio Lower Upper

41 100

39 103.8 82.6 123.8

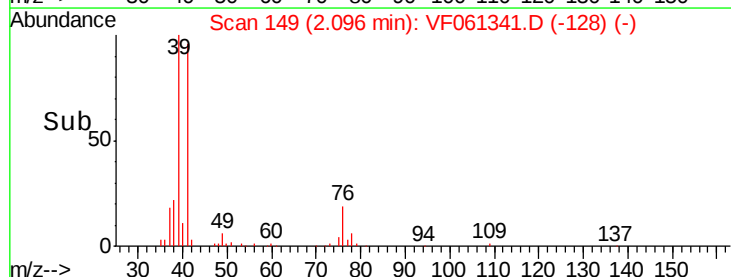
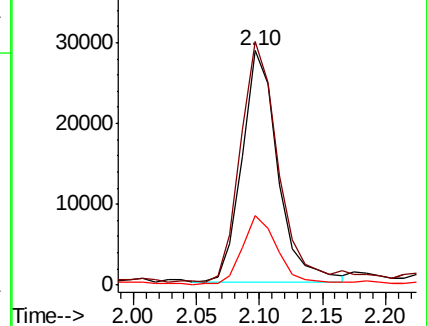
76 29.7 26.9 40.3

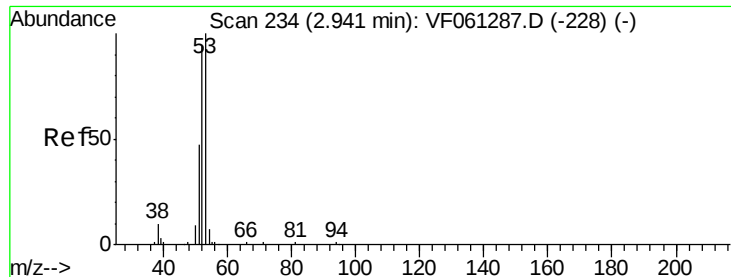


Abundance Ion 41.00 (40.70 to 41.70): VF0

Ion 39.00 (38.70 to 39.70): VF0

Ion 76.00 (75.70 to 76.70): VF0





#15

Acrylonitrile

Concen: 75.341 ug/l

RT: 2.94 min Scan# 235

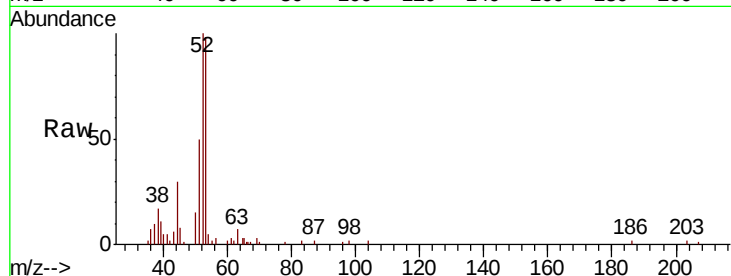
Delta R.T. 0.00 min

Lab File: VF061341.D

Acq: 10 Jan 2019 13:53

Tgt Ion: 53 Resp: 25123

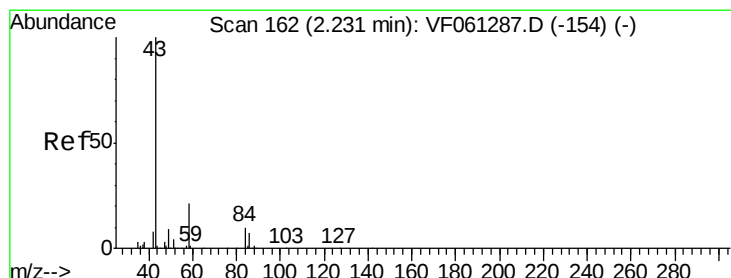
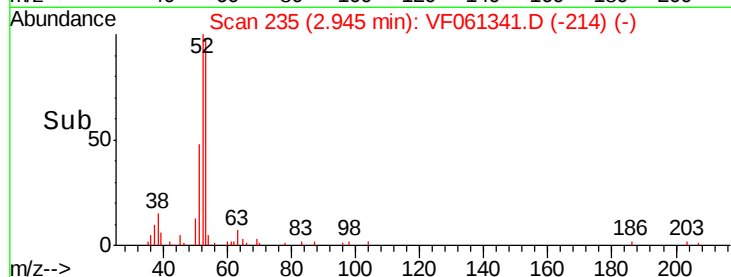
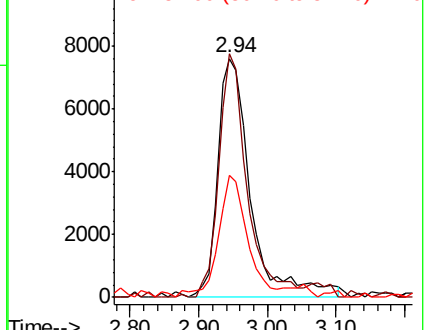
Ion	Ratio	Lower	Upper
53	100		
52	102.1	74.6	111.8
51	50.9	37.8	56.6



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: 97.412 ug/l

RT: 2.24 min Scan# 164

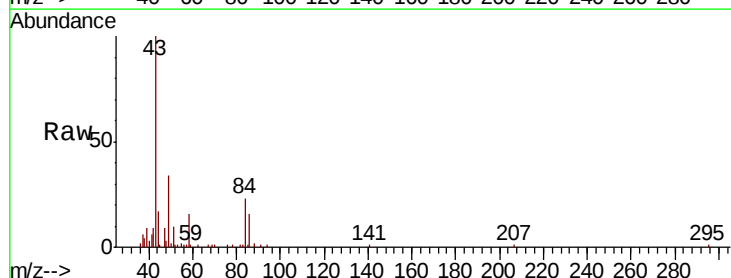
Delta R.T. 0.01 min

Lab File: VF061341.D

Acq: 10 Jan 2019 13:53

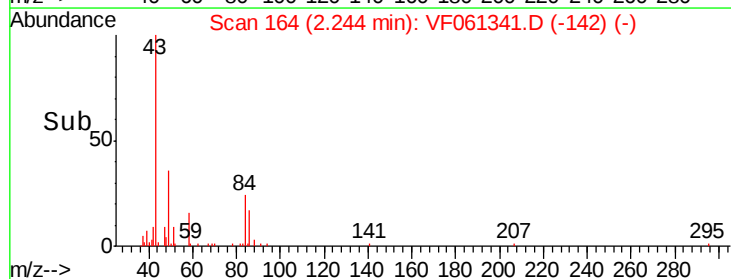
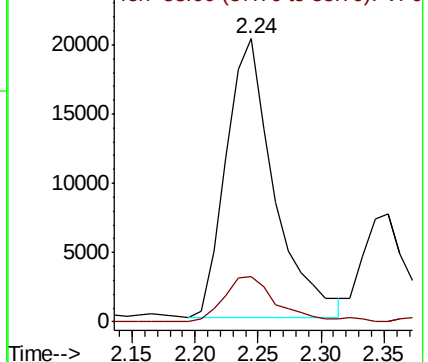
Tgt Ion: 43 Resp: 53238

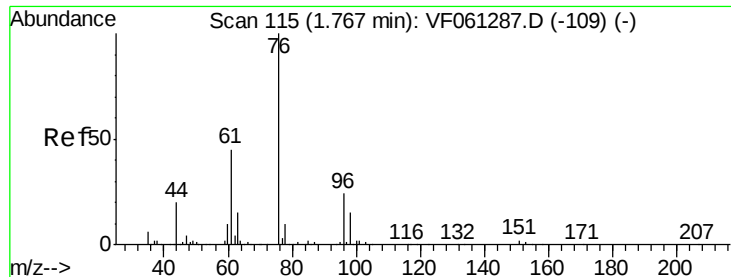
Ion	Ratio	Lower	Upper
43	100		
58	15.8	16.6	25.0#



Abundance Ion 43.00 (42.70 to 43.70): VF0

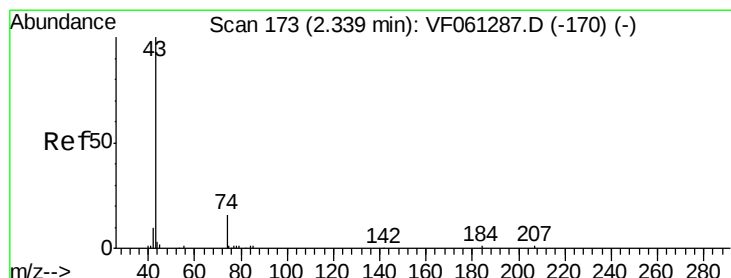
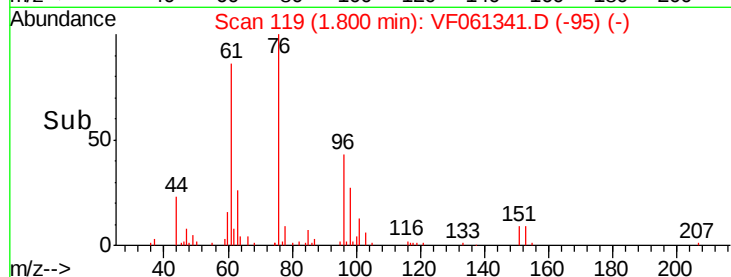
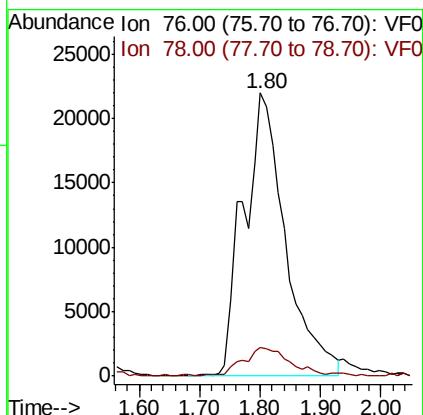
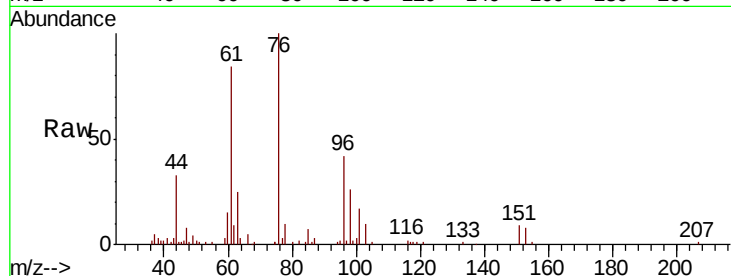
Ion 58.00 (57.70 to 58.70): VF0





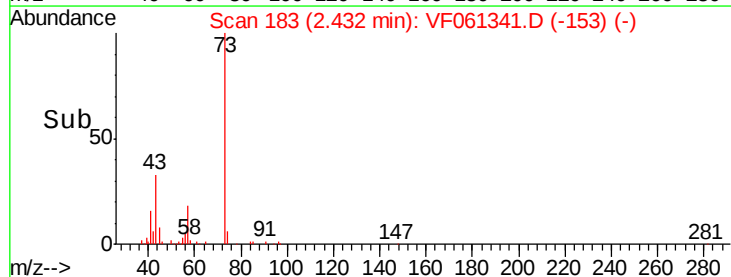
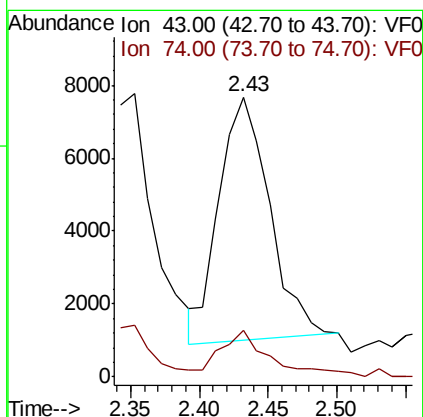
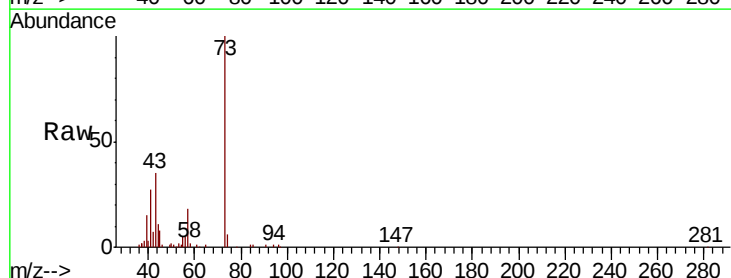
#17
Carbon Disulfide
Concen: 14.584 ug/l
RT: 1.80 min Scan# 119
Delta R.T. 0.03 min
Lab File: VF061341.D
Acq: 10 Jan 2019 13:53

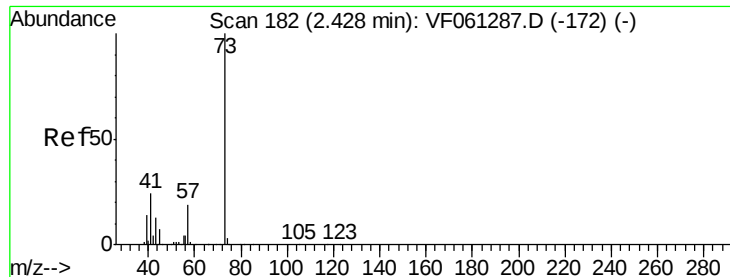
Tgt Ion: 76 Resp: 106844
Ion Ratio Lower Upper
76 100
78 10.3 7.8 11.6



#18
Methyl Acetate
Concen: 15.801 ug/l
RT: 2.43 min Scan# 183
Delta R.T. 0.09 min
Lab File: VF061341.D
Acq: 10 Jan 2019 13:53

Tgt Ion: 43 Resp: 16990
Ion Ratio Lower Upper
43 100
74 16.7 11.6 17.4

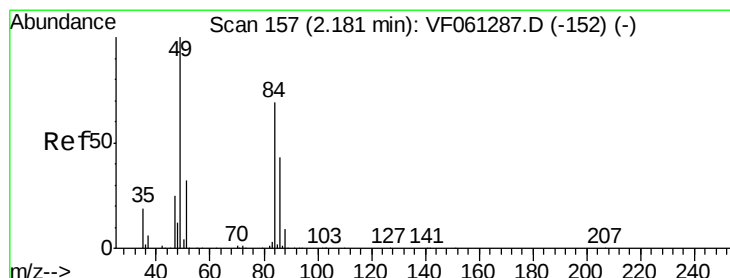
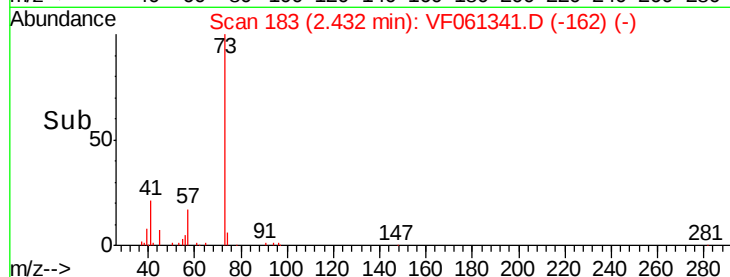
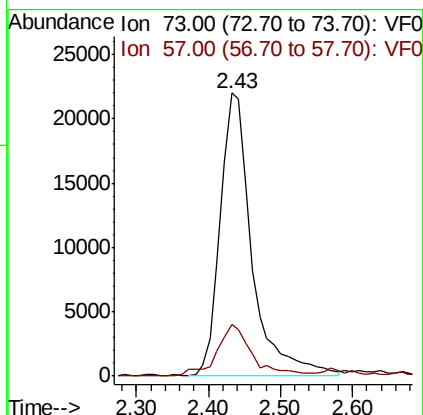
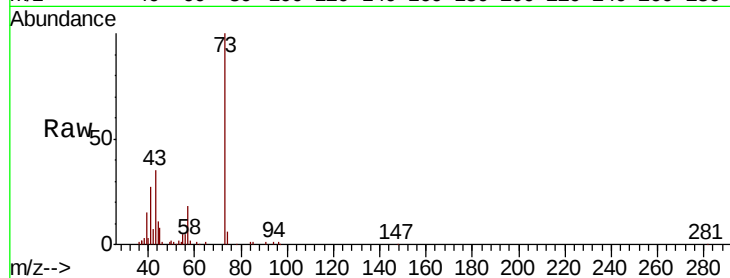




#19

Methyl tert-butyl Ether
 Concen: 15.979 ug/l
 RT: 2.43 min Scan# 183
 Delta R.T. 0.00 min
 Lab File: VF061341.D
 Acq: 10 Jan 2019 13:53

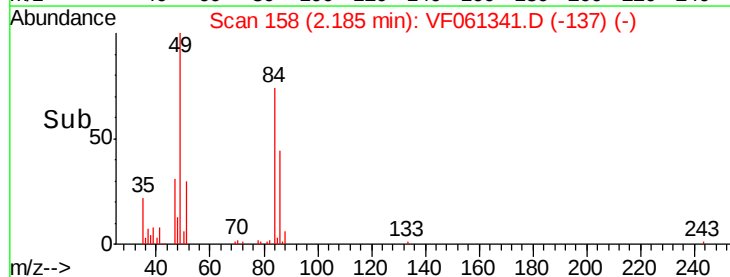
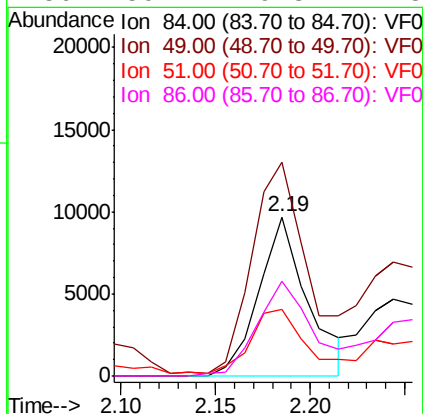
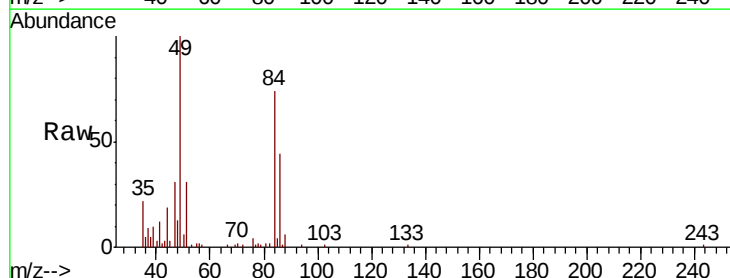
Tgt Ion: 73 Resp: 67539
 Ion Ratio Lower Upper
 73 100
 57 18.1 15.5 23.3

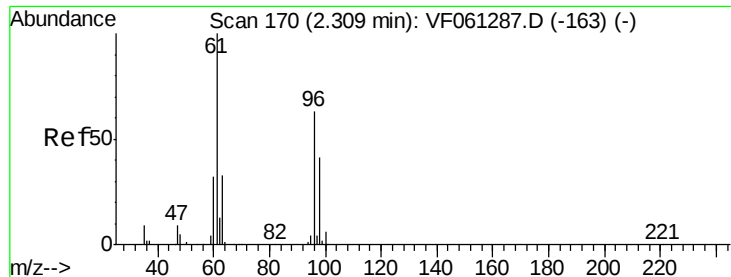


#20

Methylene Chloride
 Concen: 7.538 ug/l
 RT: 2.19 min Scan# 158
 Delta R.T. 0.00 min
 Lab File: VF061341.D
 Acq: 10 Jan 2019 13:53

Tgt Ion: 84 Resp: 17429
 Ion Ratio Lower Upper
 84 100
 49 134.5 116.6 175.0
 51 41.6 37.7 56.5
 86 59.4 49.8 74.8





#21

trans-1,2-Dichloroethene

Concen: 15.484 ug/l

RT: 2.31 min Scan# 171

Delta R.T. 0.00 min

Lab File: VF061341.D

Acq: 10 Jan 2019 13:53

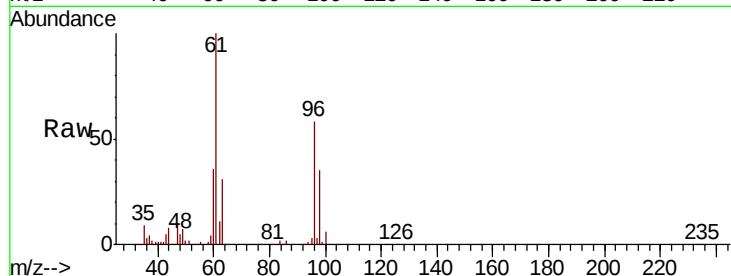
Tgt Ion: 96 Resp: 36393

Ion Ratio Lower Upper

96 100

61 173.4 127.0 190.4

98 61.4 51.7 77.5

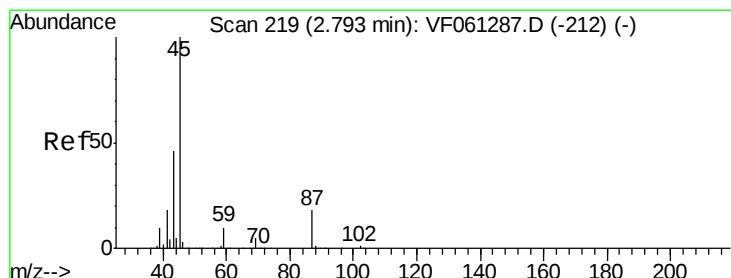
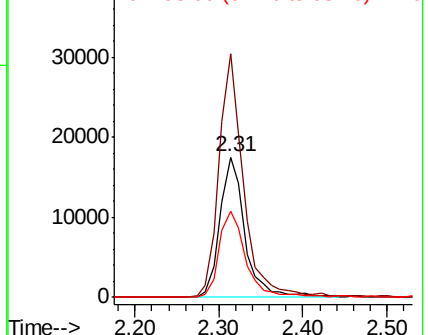
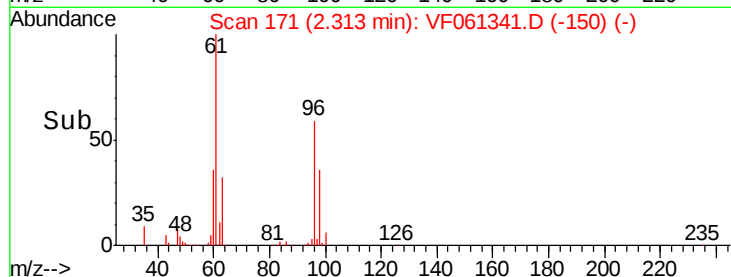


Abundance

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: 15.327 ug/l

RT: 2.81 min Scan# 221

Delta R.T. 0.01 min

Lab File: VF061341.D

Acq: 10 Jan 2019 13:53

Tgt Ion: 45 Resp: 120222

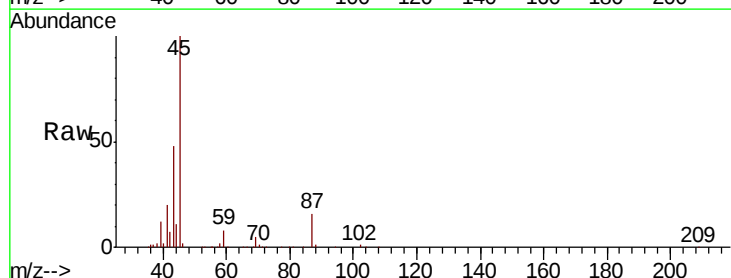
Ion Ratio Lower Upper

45 100

43 48.3 37.4 56.2

87 15.6 14.2 21.2

59 8.5 8.2 12.2



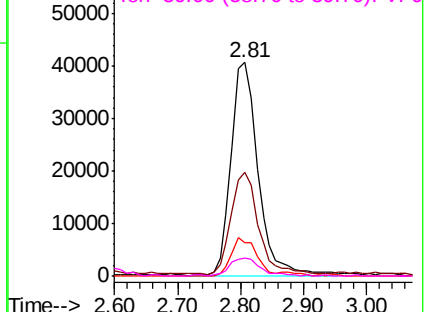
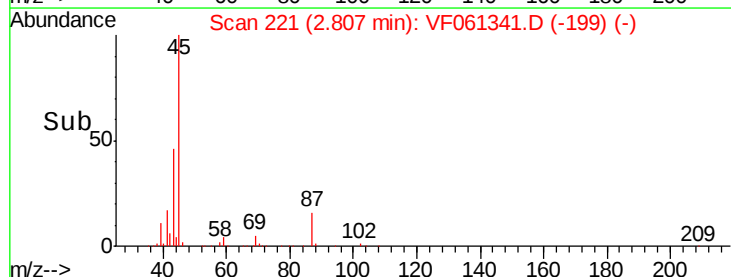
Abundance

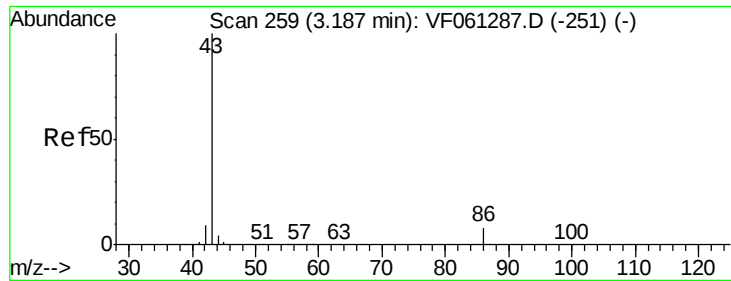
Ion 45.00 (44.70 to 45.70): VF0

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: 99.843 ug/l

RT: 3.19 min Scan# 260

Delta R.T. 0.00 min

Lab File: VF061341.D

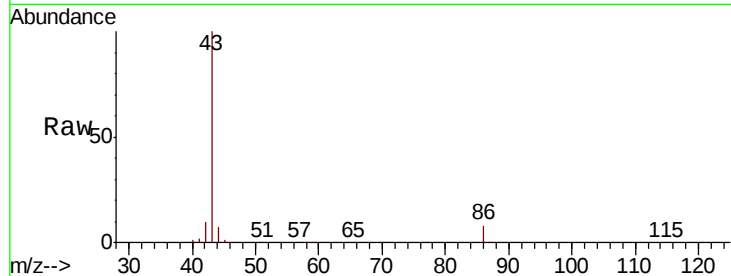
Acq: 10 Jan 2019 13:53

Tgt Ion: 43 Resp: 229022

Ion Ratio Lower Upper

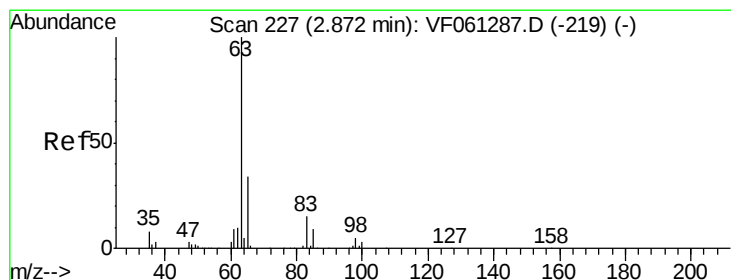
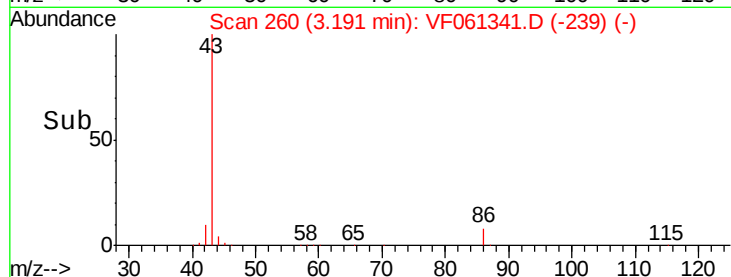
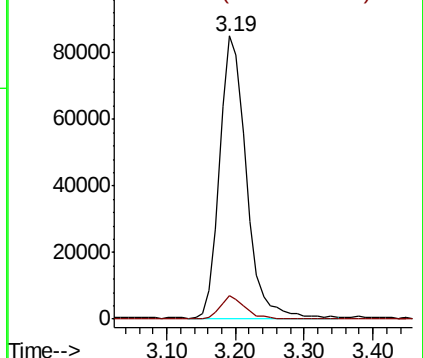
43 100

86 8.2 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: 16.472 ug/l

RT: 2.88 min Scan# 228

Delta R.T. 0.00 min

Lab File: VF061341.D

Acq: 10 Jan 2019 13:53

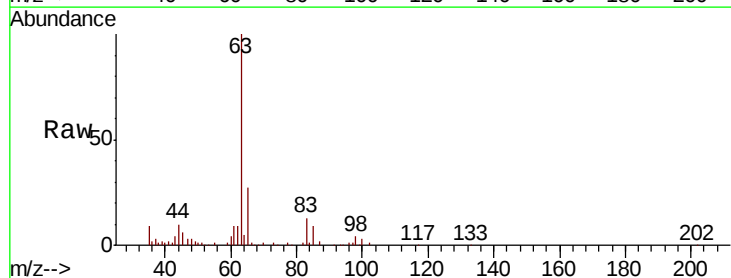
Tgt Ion: 63 Resp: 74736

Ion Ratio Lower Upper

63 100

98 3.6 2.5 7.6

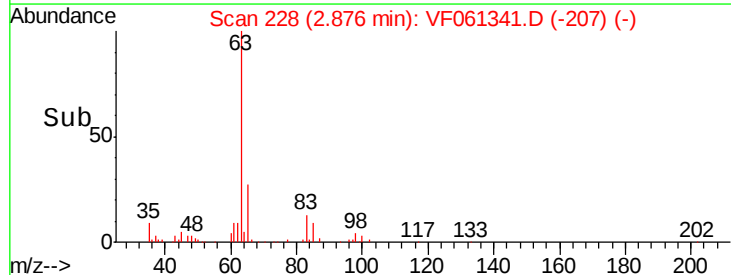
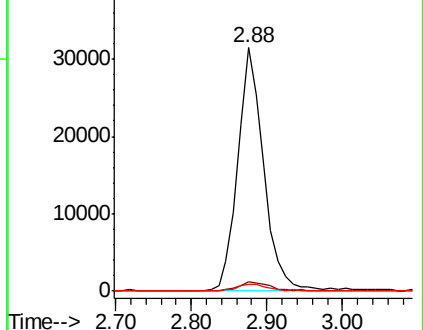
100 2.8 1.7 5.0

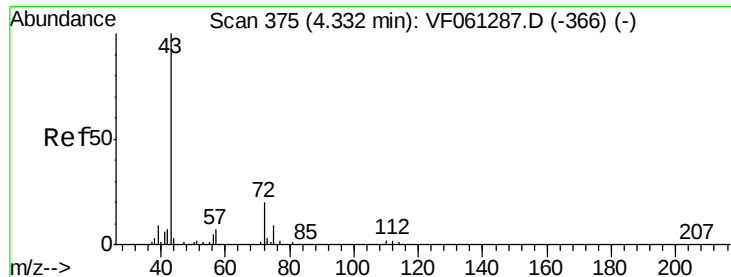


Abundance Ion 63.00 (62.70 to 63.70): VF0

Ion 98.00 (97.70 to 98.70): VF0

Ion 100.00 (99.70 to 100.70): VF0





#25

2-Butanone

Concen: 96.372 ug/l

RT: 4.35 min Scan# 377

Delta R.T. 0.01 min

Lab File: VF061341.D

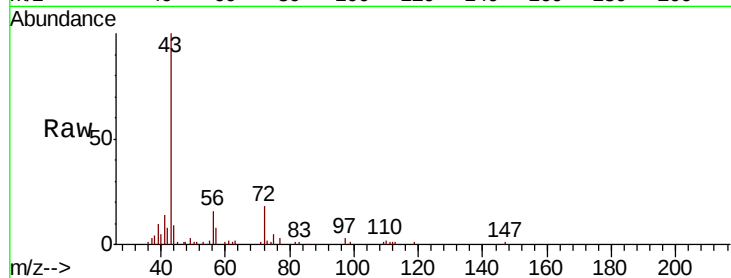
Acq: 10 Jan 2019 13:53

Tgt Ion: 43 Resp: 84771

Ion Ratio Lower Upper

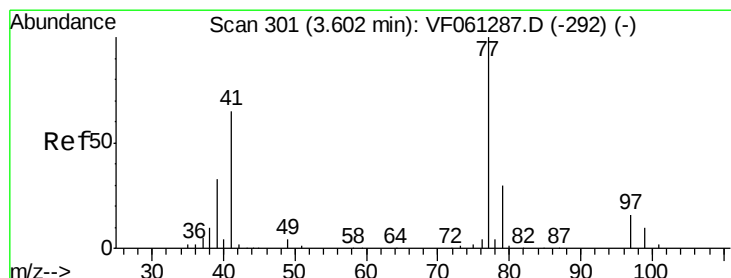
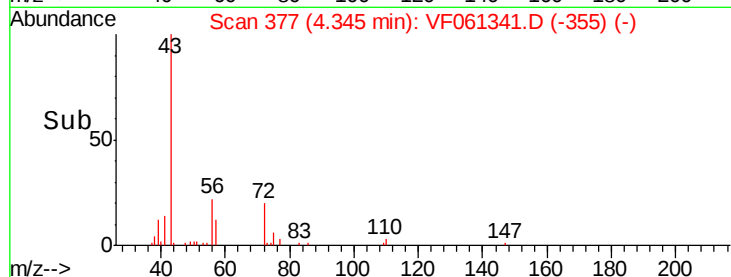
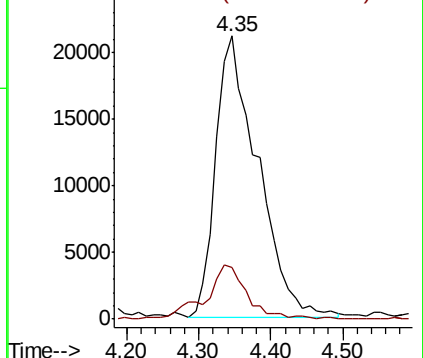
43 100

72 18.2 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: 14.034 ug/l

RT: 3.61 min Scan# 302

Delta R.T. 0.00 min

Lab File: VF061341.D

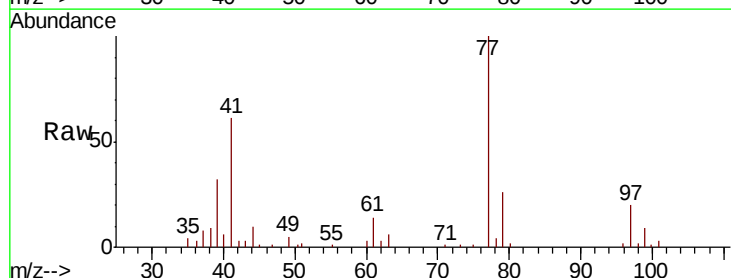
Acq: 10 Jan 2019 13:53

Tgt Ion: 77 Resp: 42550

Ion Ratio Lower Upper

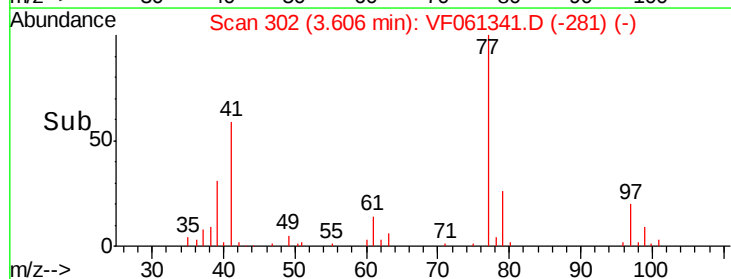
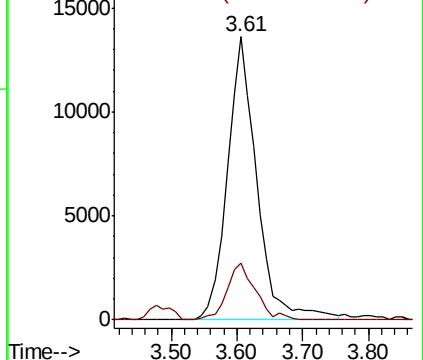
77 100

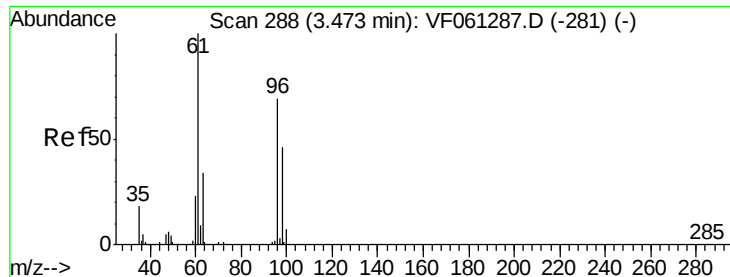
97 19.9 8.6 25.9



Abundance Ion 77.00 (76.70 to 77.70): VF0

Ion 97.00 (96.70 to 97.70): VF0

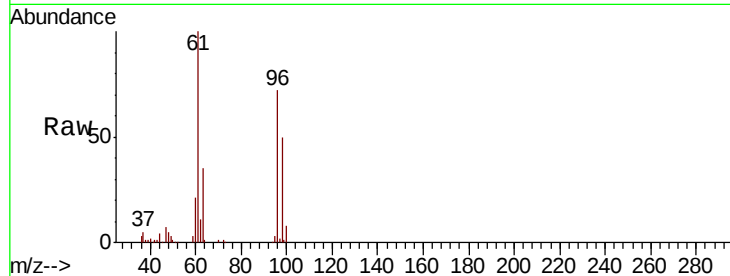




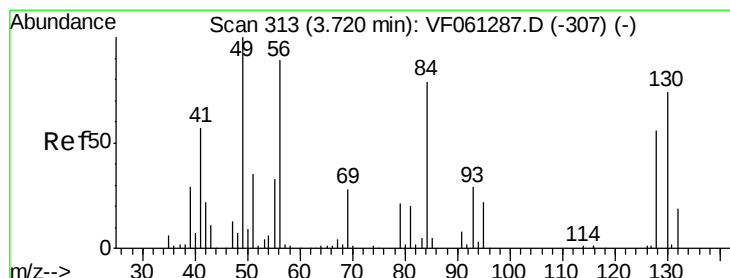
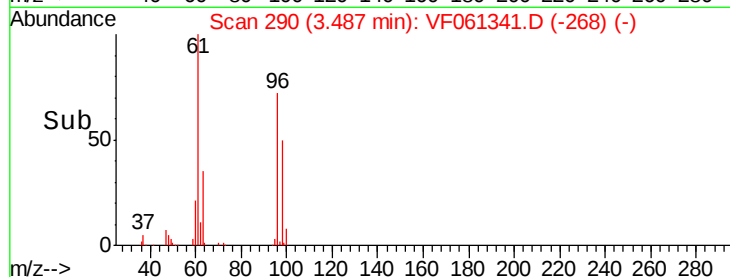
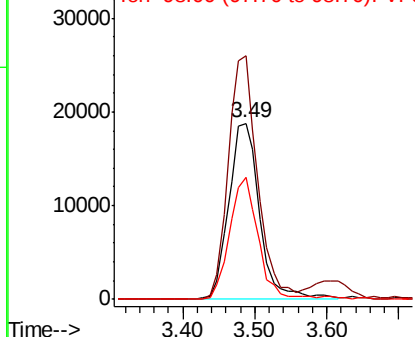
#27

cis-1,2-Dichloroethene
 Concen: 17.055 ug/l
 RT: 3.49 min Scan# 290
 Delta R.T. 0.01 min
 Lab File: VF061341.D
 Acq: 10 Jan 2019 13:53

Tgt Ion	Ratio	Lower	Upper
96	100		
61	138.4	0.0	288.2
98	69.2	0.0	132.2



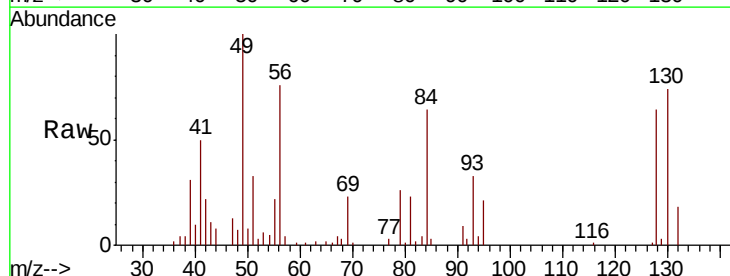
Abundance Ion 96.00 (95.70 to 96.70): VF0
 Ion 61.00 (60.70 to 61.70): VF0
 Ion 98.00 (97.70 to 98.70): VF0



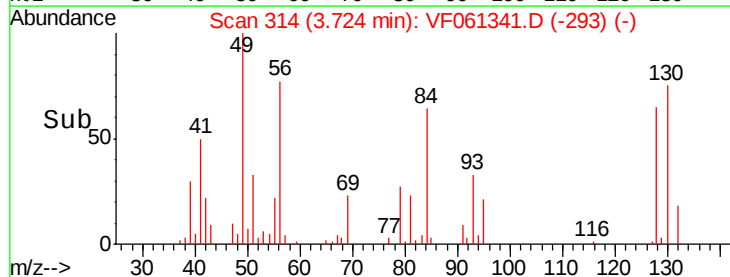
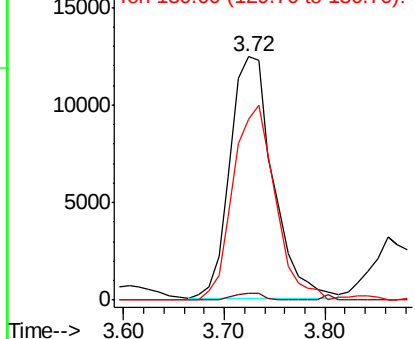
#28

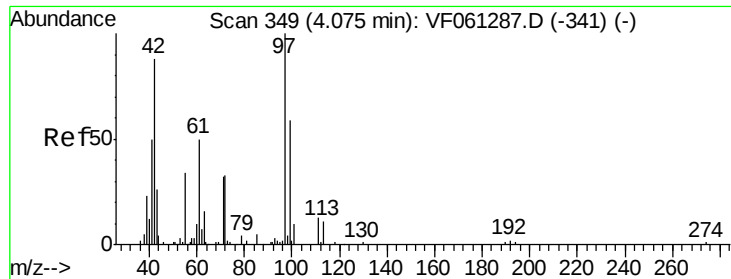
Bromochloromethane
 Concen: 18.368 ug/l
 RT: 3.72 min Scan# 314
 Delta R.T. 0.00 min
 Lab File: VF061341.D
 Acq: 10 Jan 2019 13:53

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.7	0.0	0.0#
130	74.5	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: 93.217 ug/l

RT: 4.08 min Scan# 350

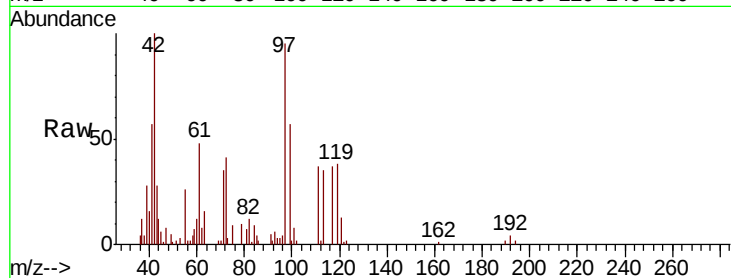
Delta R.T. 0.00 min

Lab File: VF061341.D

Acq: 10 Jan 2019 13:53

Tgt Ion: 42 Resp: 34283

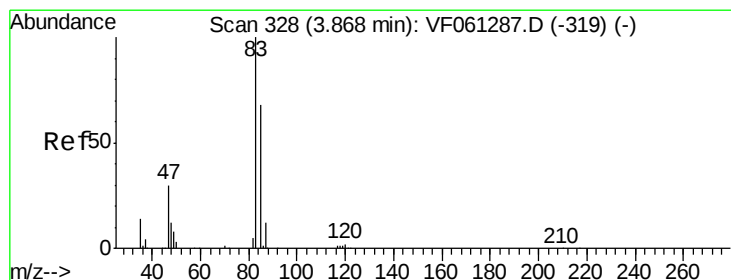
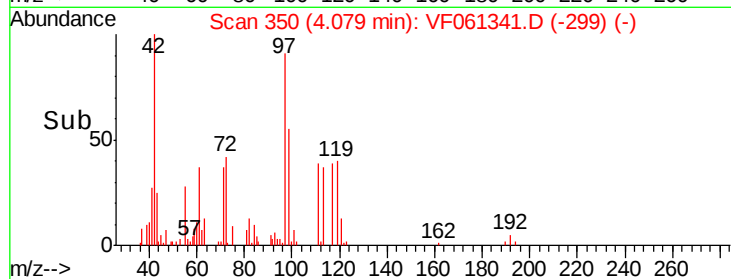
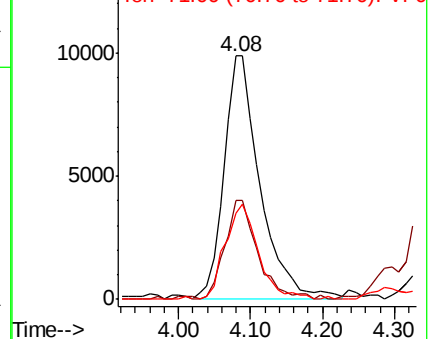
Ion	Ratio	Lower	Upper
42	100		
72	37.2	32.3	48.5
71	36.0	29.5	44.3



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: 17.690 ug/l

RT: 3.87 min Scan# 329

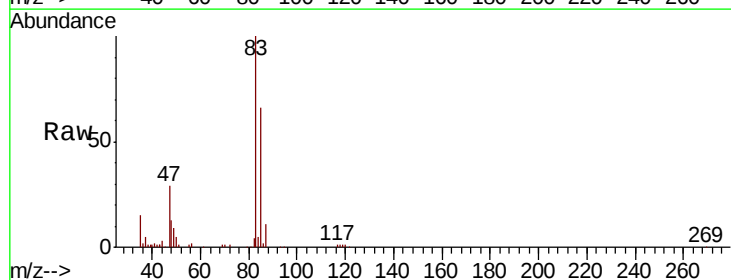
Delta R.T. 0.00 min

Lab File: VF061341.D

Acq: 10 Jan 2019 13:53

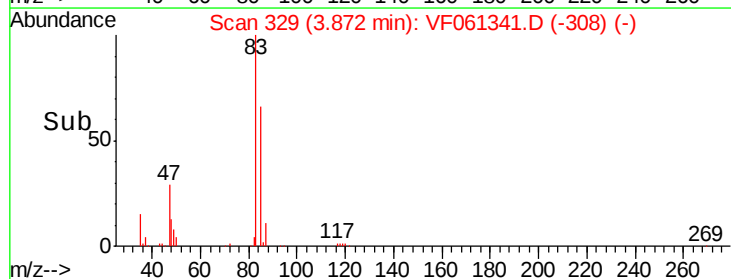
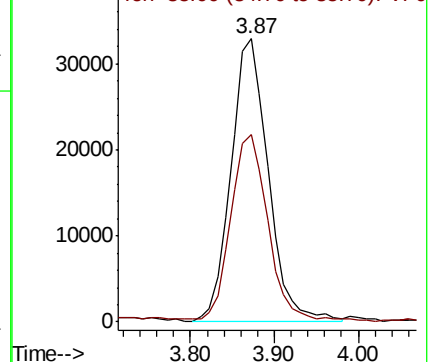
Tgt Ion: 83 Resp: 101891

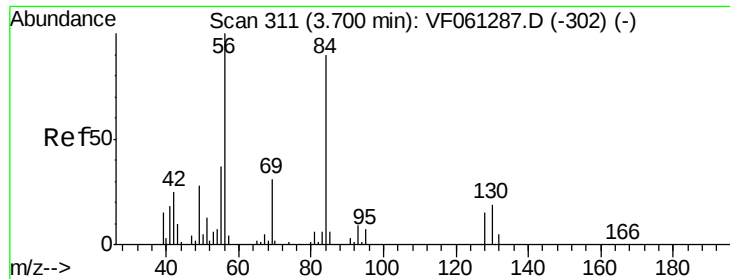
Ion	Ratio	Lower	Upper
83	100		
85	66.4	54.4	81.6



Abundance Ion 83.00 (82.70 to 83.70): VF0

Ion 85.00 (84.70 to 85.70): VF0

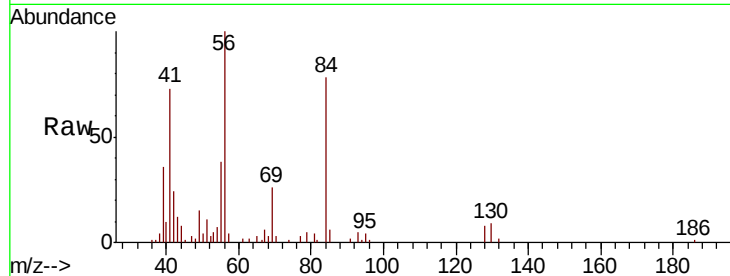




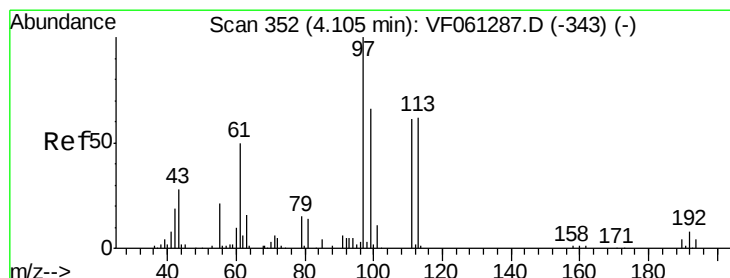
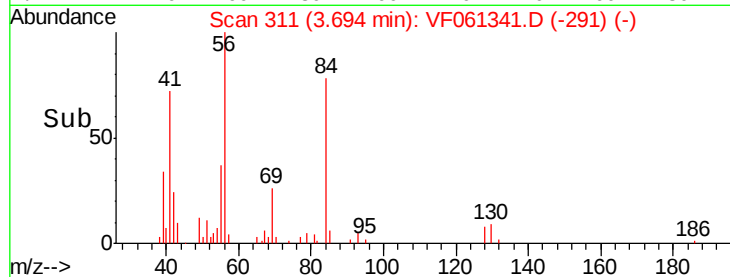
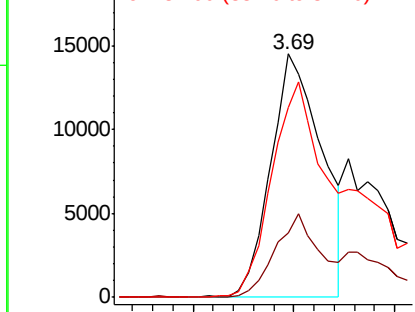
#31
Cyclohexane
Concen: 10.775 ug/l
RT: 3.69 min Scan# 311
Delta R.T. -0.01 min
Lab File: VF061341.D
Acq: 10 Jan 2019 13:53

Tgt Ion: 56 Resp: 51288

Ion	Ratio	Lower	Upper
56	100		
69	26.4	24.7	37.1
84	78.0	72.2	108.4



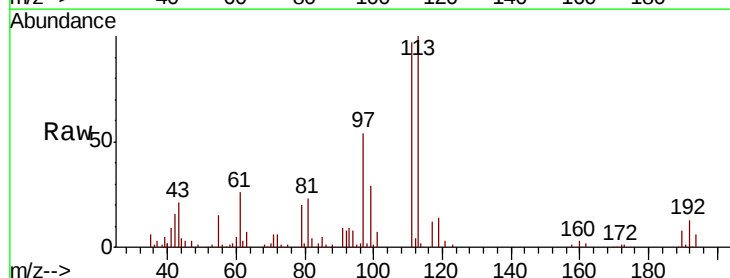
Abundance Ion 56.00 (55.70 to 56.70): VF0
Ion 69.00 (68.70 to 69.70): VF0
Ion 84.00 (83.70 to 84.70): VF0



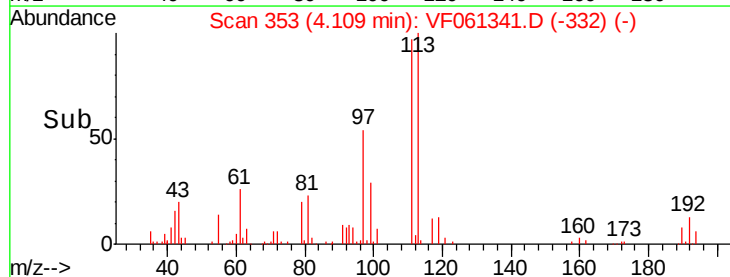
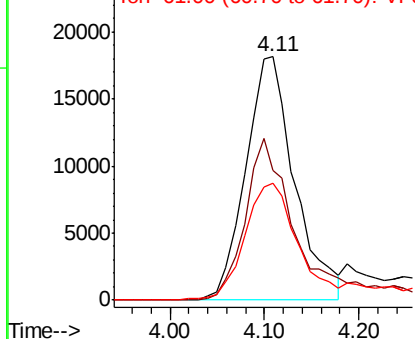
#32
1,1,1-Trichloroethane
Concen: 14.056 ug/l
RT: 4.11 min Scan# 353
Delta R.T. 0.00 min
Lab File: VF061341.D
Acq: 10 Jan 2019 13:53

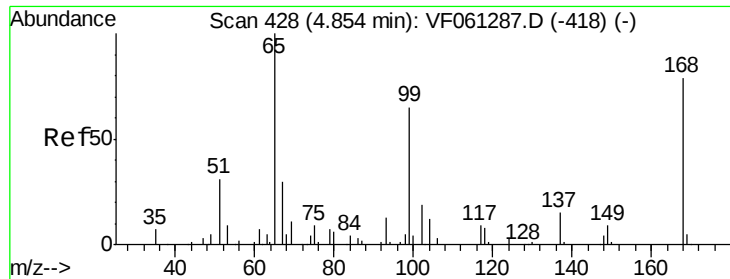
Tgt Ion: 97 Resp: 65392

Ion	Ratio	Lower	Upper
97	100		
99	53.3	52.7	79.1
61	48.0	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: 49.308 ug/l

RT: 4.85 min Scan# 428

Delta R.T. -0.01 min

Lab File: VF061341.D

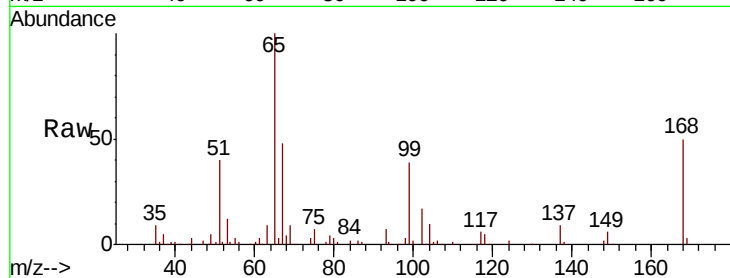
Acq: 10 Jan 2019 13:53

Tgt Ion: 65 Resp: 115843

Ion Ratio Lower Upper

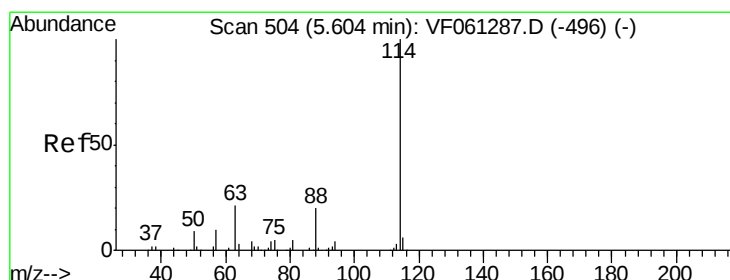
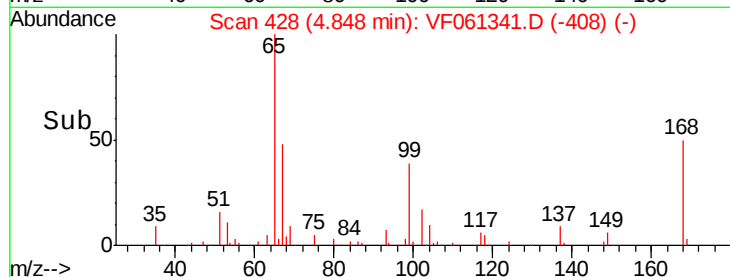
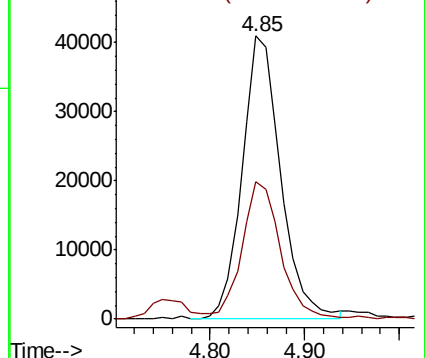
65 100

67 48.4 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. 0.00 min

Lab File: VF061341.D

Acq: 10 Jan 2019 13:53

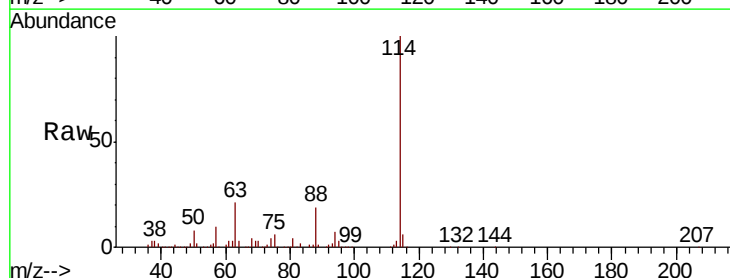
Tgt Ion: 114 Resp: 353129

Ion Ratio Lower Upper

114 100

63 20.8 0.0 42.8

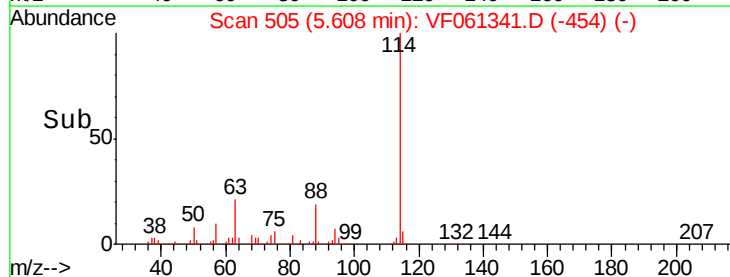
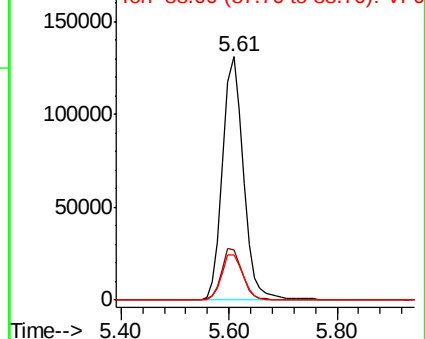
88 18.7 0.0 40.0

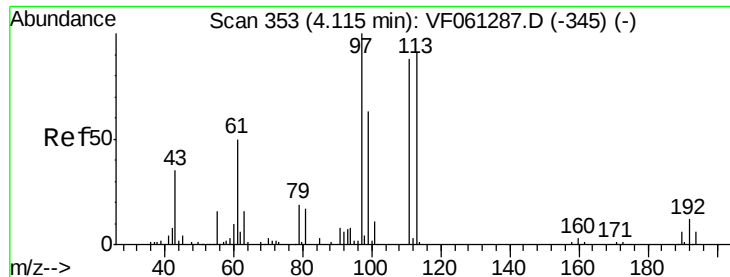


Abundance Ion 114.00 (113.70 to 114.70): V

Ion 63.00 (62.70 to 63.70): VF0

Ion 88.00 (87.70 to 88.70): VF0





#35

Dibromofluoromethane

Concen: 48.694 ug/l

RT: 4.12 min Scan# 354

Delta R.T. 0.00 min

Lab File: VF061341.D

Acq: 10 Jan 2019 13:53

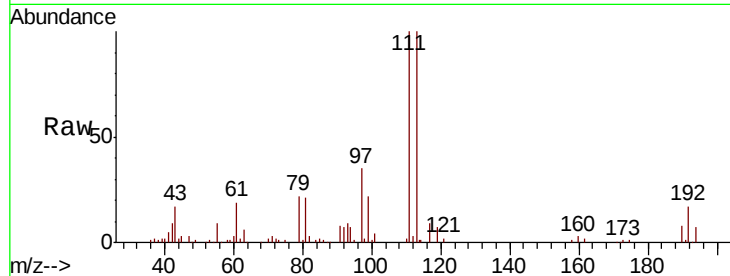
Tgt Ion: 113 Resp: 131573

Ion Ratio Lower Upper

113 100

111 100.4 78.0 117.0

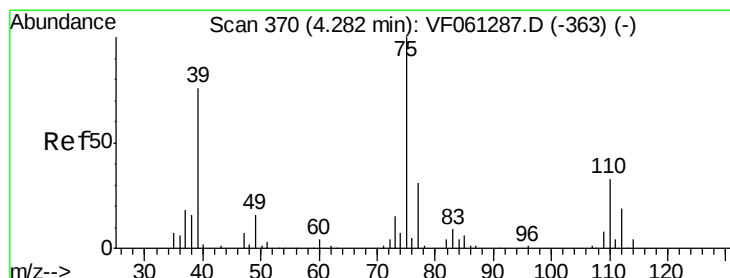
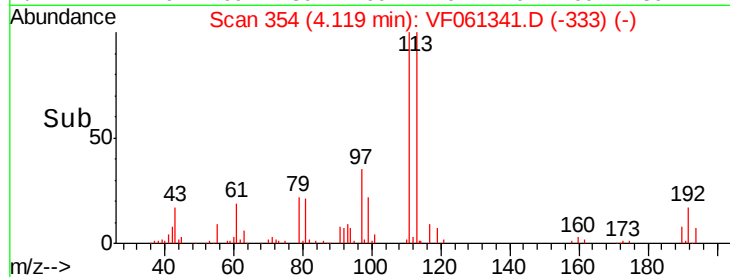
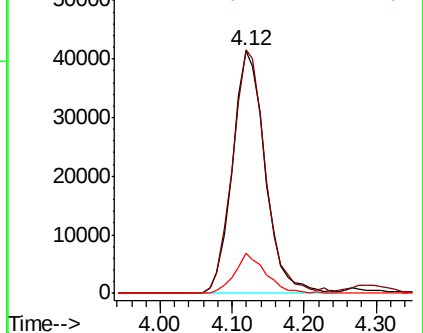
192 16.6 10.6 16.0#



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: 18.899 ug/l

RT: 4.29 min Scan# 371

Delta R.T. 0.00 min

Lab File: VF061341.D

Acq: 10 Jan 2019 13:53

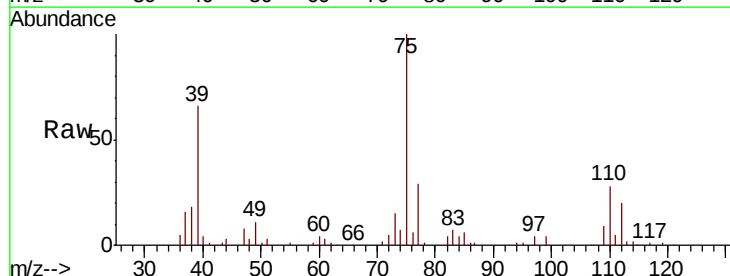
Tgt Ion: 75 Resp: 77933

Ion Ratio Lower Upper

75 100

110 27.6 16.6 49.8

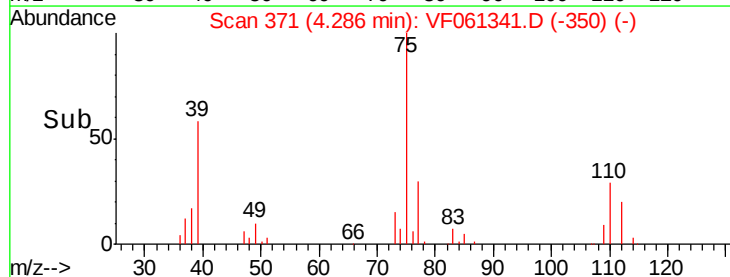
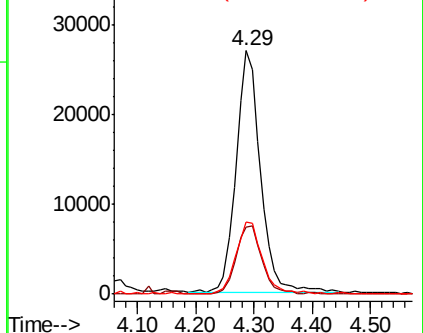
77 29.4 25.1 37.7

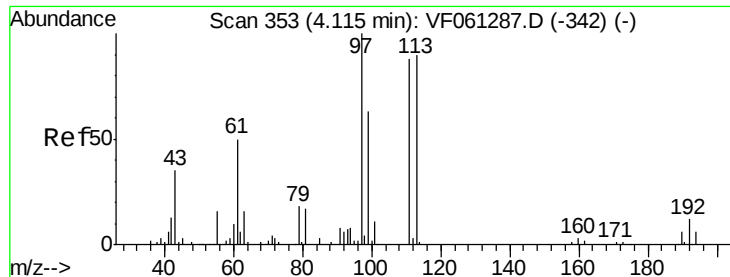


Abundance Ion 75.00 (74.70 to 75.70): VF0

Ion 110.00 (109.70 to 110.70): V

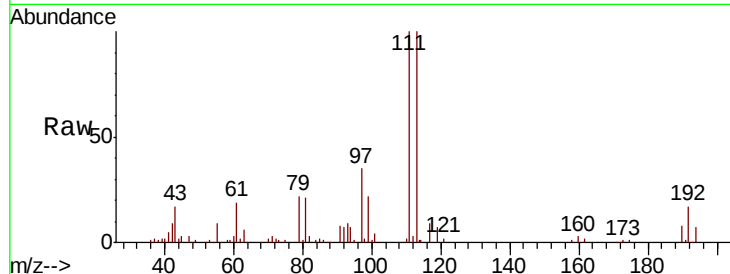
Ion 77.00 (76.70 to 77.70): VF0



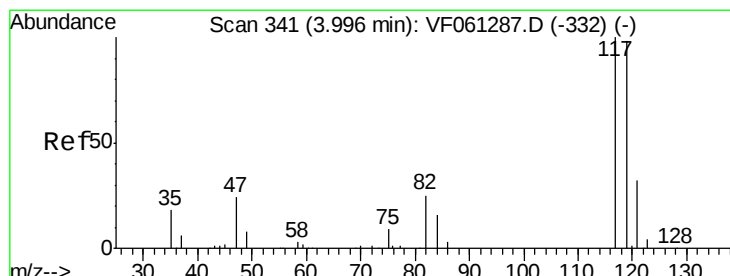
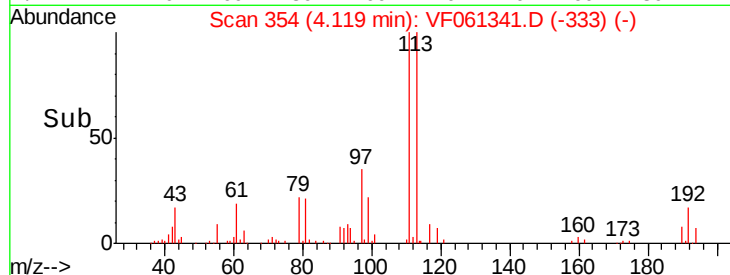
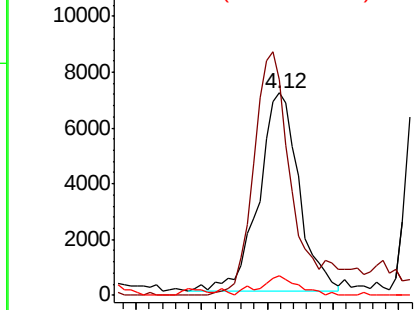


#37
Ethyl Acetate
Concen: 20.302 ug/l
RT: 4.12 min Scan# 354
Delta R.T. 0.00 min
Lab File: VF061341.D
Acq: 10 Jan 2019 13:53

Tgt Ion: 43 Resp: 30487
Ion Ratio Lower Upper
43 100
61 106.7 113.3 169.9#
70 9.8 9.4 14.0

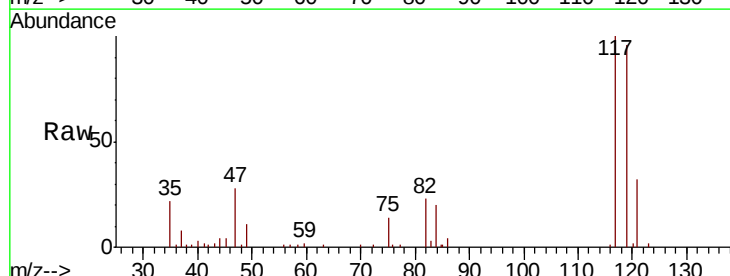


Abundance Ion 43.00 (42.70 to 43.70): VF0
Ion 61.00 (60.70 to 61.70): VF0
Ion 70.00 (69.70 to 70.70): VF0

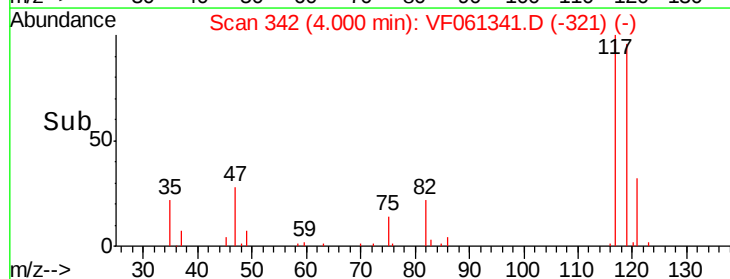
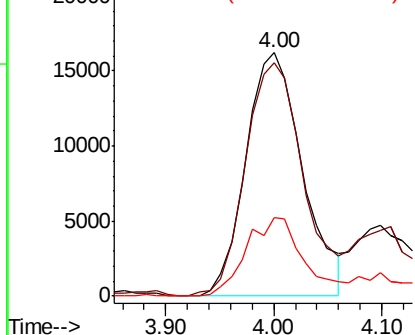


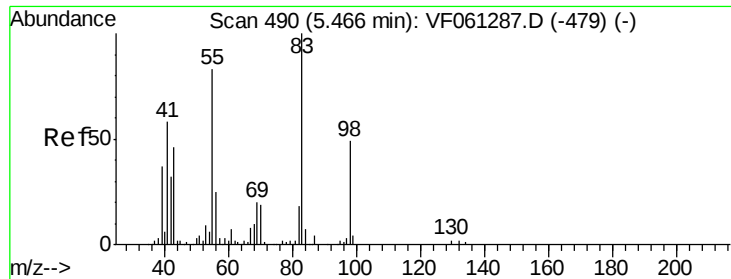
#38
Carbon Tetrachloride
Concen: 15.158 ug/l
RT: 4.00 min Scan# 342
Delta R.T. 0.00 min
Lab File: VF061341.D
Acq: 10 Jan 2019 13:53

Tgt Ion: 117 Resp: 59199
Ion Ratio Lower Upper
117 100
119 96.0 78.5 117.7
121 32.3 25.3 37.9



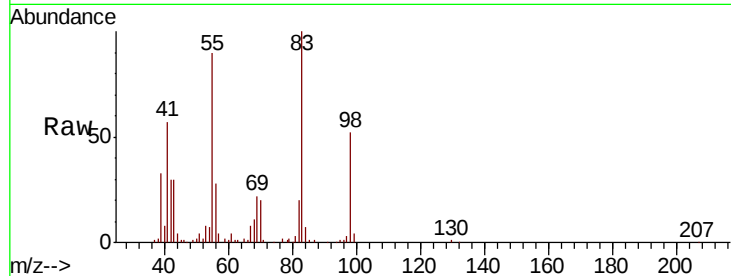
Abundance Ion 117.00 (116.70 to 117.70): V
Ion 119.00 (118.70 to 119.70): V
Ion 121.00 (120.70 to 121.70): V



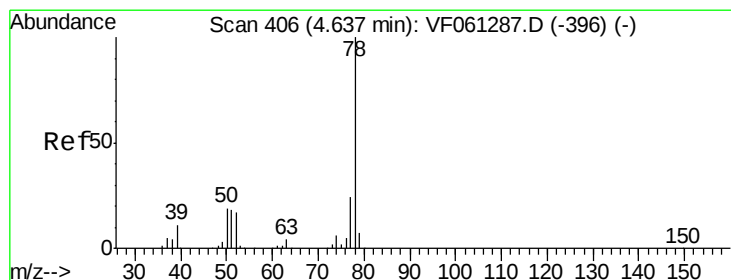
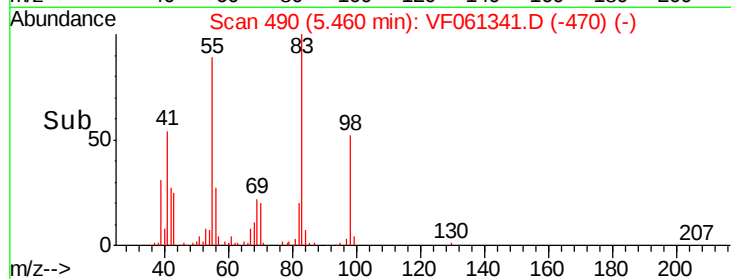
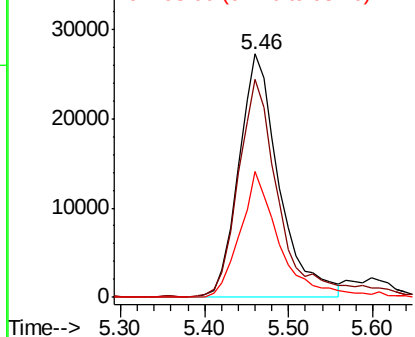


#39
Methylcyclohexane
Concen: 17.647 ug/l
RT: 5.46 min Scan# 490
Delta R.T. -0.01 min
Lab File: VF061341.D
Acq: 10 Jan 2019 13:53

Tgt Ion: 83 Resp: 91057
Ion Ratio Lower Upper
83 100
55 89.7 66.4 99.6
98 51.5 39.1 58.7

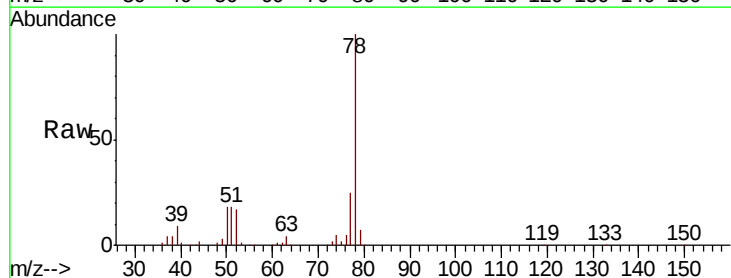


Abundance Ion 83.00 (82.70 to 83.70): VF0
Ion 55.00 (54.70 to 55.70): VF0
Ion 98.00 (97.70 to 98.70): VF0

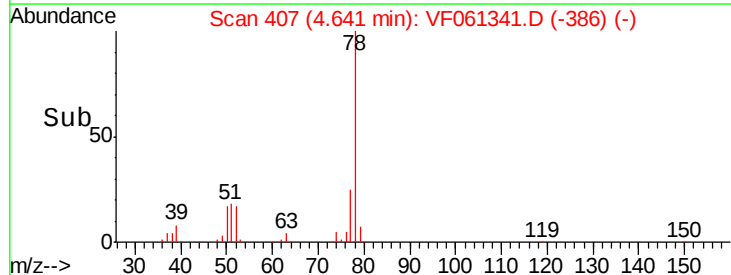
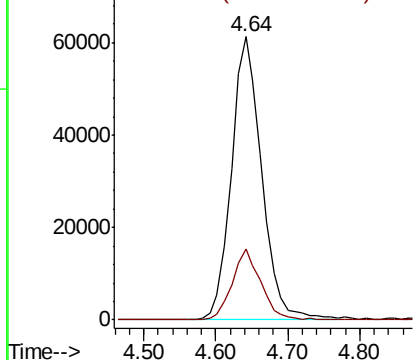


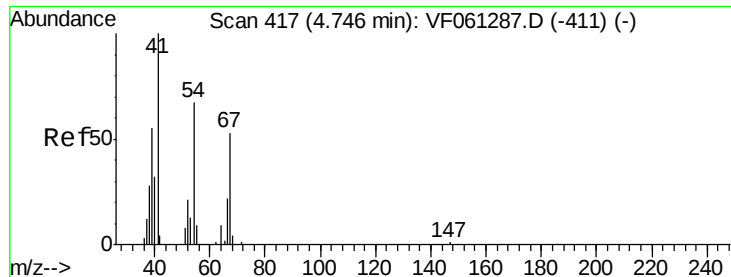
#40
Benzene
Concen: 18.606 ug/l
RT: 4.64 min Scan# 407
Delta R.T. 0.00 min
Lab File: VF061341.D
Acq: 10 Jan 2019 13:53

Tgt Ion: 78 Resp: 179127
Ion Ratio Lower Upper
78 100
77 25.0 19.1 28.7



Abundance Ion 78.10 (77.80 to 78.80): VF0
Ion 77.00 (76.70 to 77.70): VF0





#41

Methacrylonitrile

Concen: 19.539 ug/l

RT: 4.76 min Scan# 419

Delta R.T. 0.01 min

Lab File: VF061341.D

Acq: 10 Jan 2019 13:53

Tgt Ion: 41 Resp: 16385

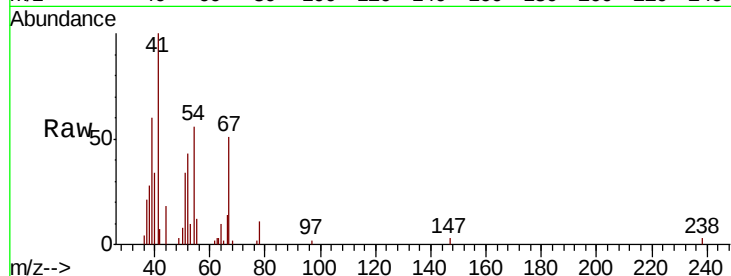
Ion Ratio Lower Upper

41 100

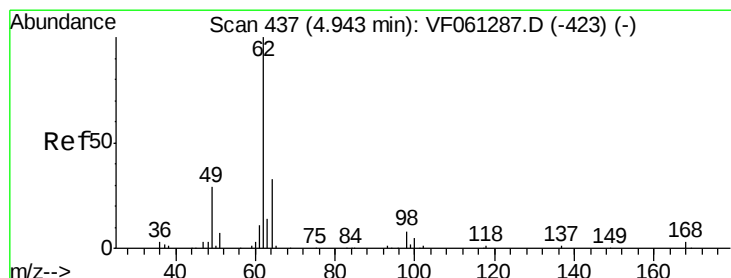
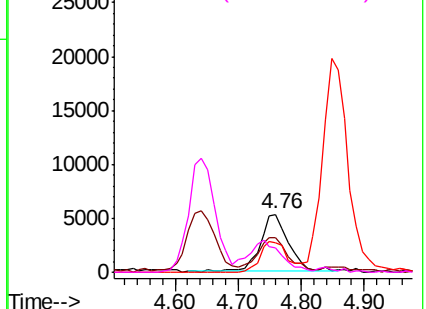
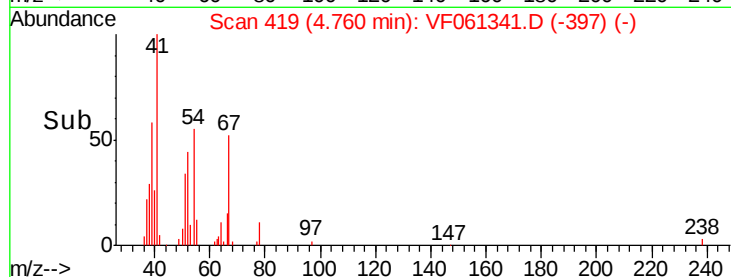
39 60.2 52.7 79.1

67 50.8 41.4 62.2

52 42.9 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: 18.605 ug/l

RT: 4.95 min Scan# 438

Delta R.T. 0.00 min

Lab File: VF061341.D

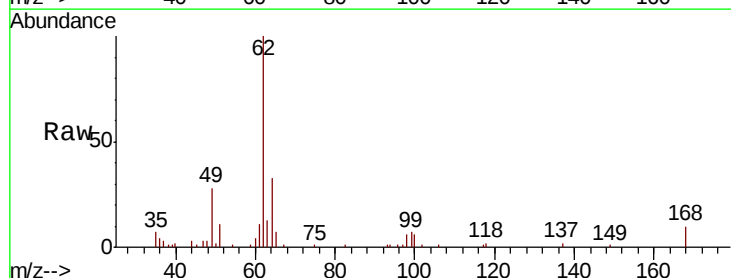
Acq: 10 Jan 2019 13:53

Tgt Ion: 62 Resp: 55766

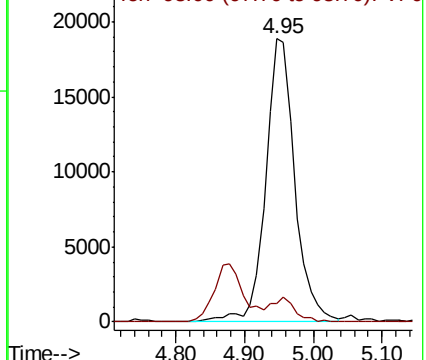
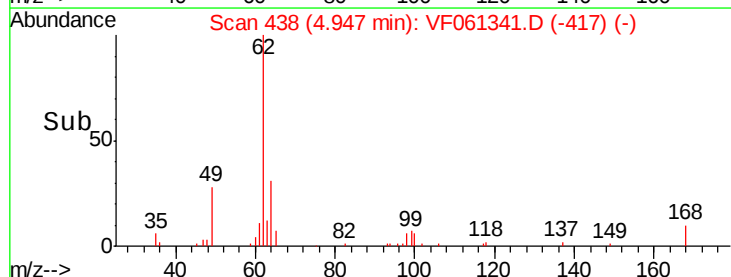
Ion Ratio Lower Upper

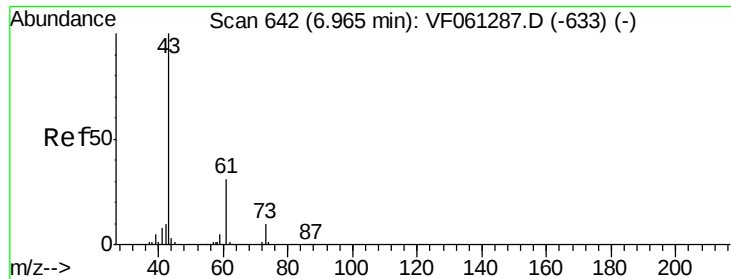
62 100

98 6.3 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: 20.485 ug/l

RT: 6.97 min Scan# 643

Delta R.T. 0.00 min

Lab File: VF061341.D

Acq: 10 Jan 2019 13:53

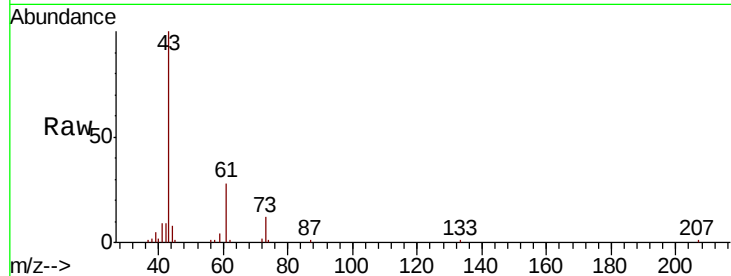
Tgt Ion: 43 Resp: 40614

Ion Ratio Lower Upper

43 100

61 28.5 24.3 36.5

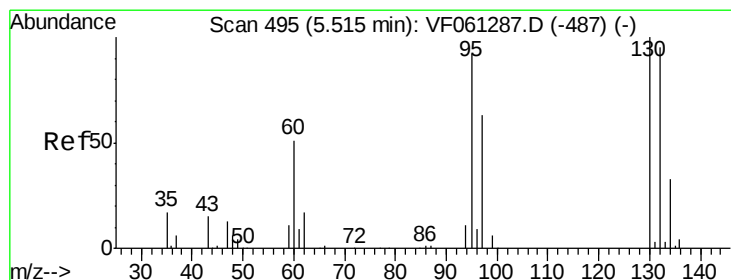
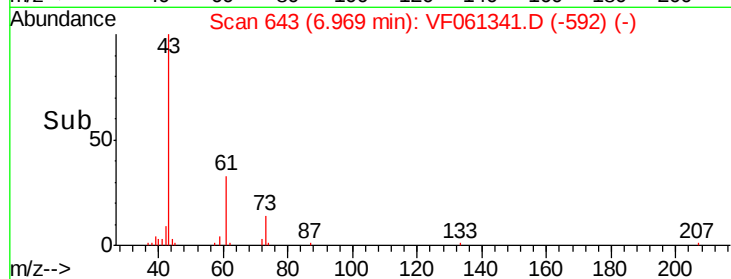
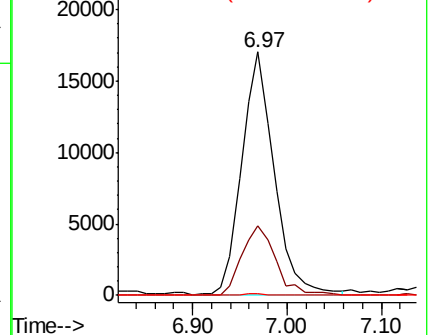
87 0.6 0.2 0.4#



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: 20.392 ug/l

RT: 5.51 min Scan# 495

Delta R.T. -0.01 min

Lab File: VF061341.D

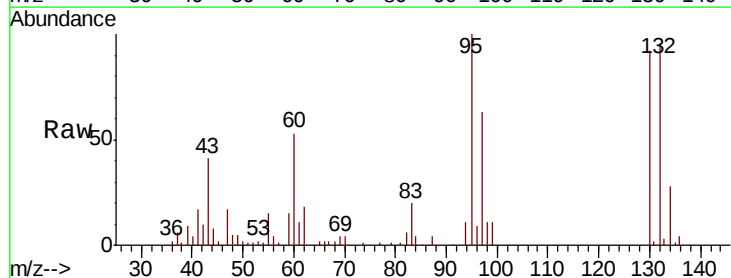
Acq: 10 Jan 2019 13:53

Tgt Ion: 130 Resp: 57454

Ion Ratio Lower Upper

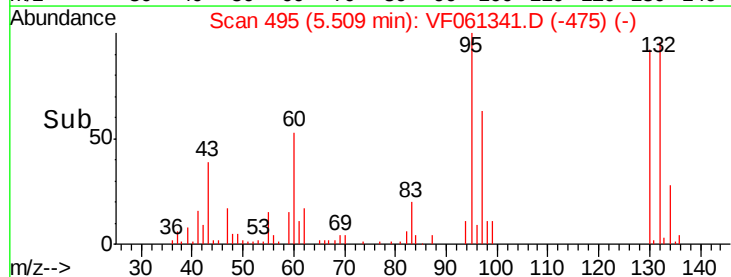
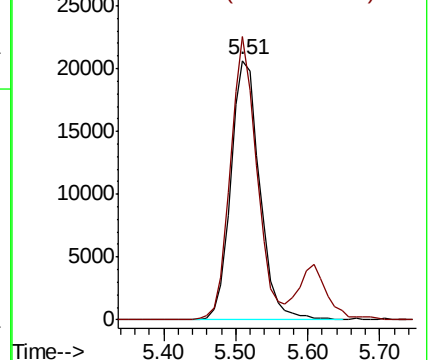
130 100

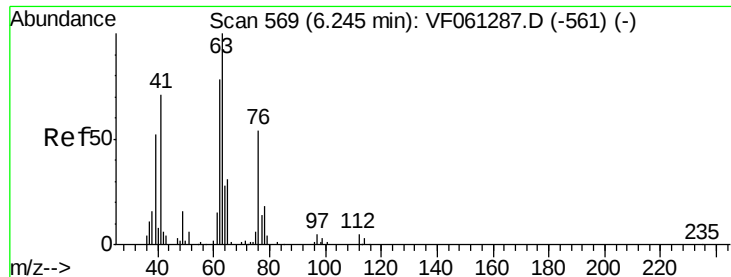
95 109.2 0.0 184.4



Abundance Ion 129.90 (129.60 to 130.60): V

Ion 94.90 (94.60 to 95.60): VF0





#45

1,2-Dichloropropane

Concen: 19.381 ug/l

RT: 6.24 min Scan# 569

Delta R.T. -0.01 min

Lab File: VF061341.D

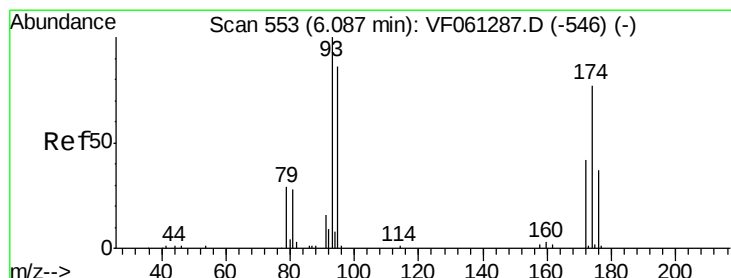
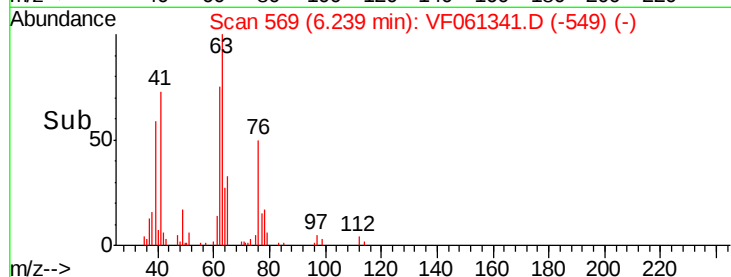
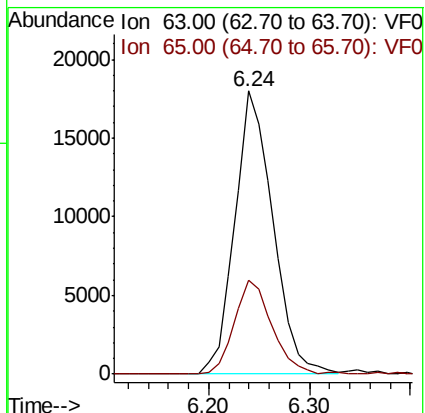
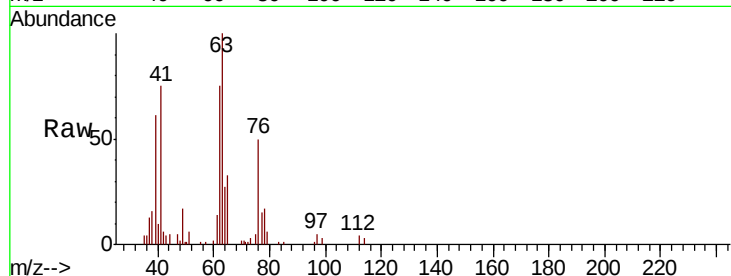
Acq: 10 Jan 2019 13:53

Tgt Ion: 63 Resp: 47448

Ion Ratio Lower Upper

63 100

65 33.1 25.1 37.7



#46

Dibromomethane

Concen: 19.434 ug/l

RT: 6.09 min Scan# 554

Delta R.T. 0.00 min

Lab File: VF061341.D

Acq: 10 Jan 2019 13:53

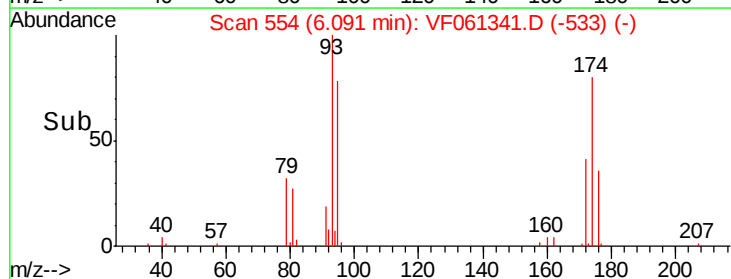
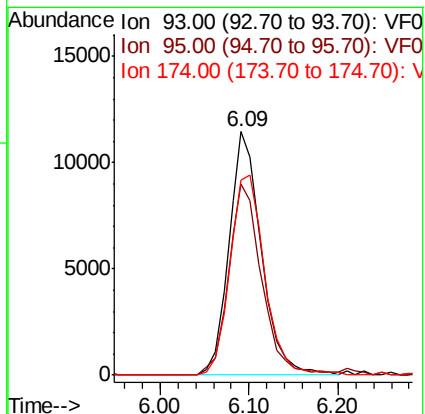
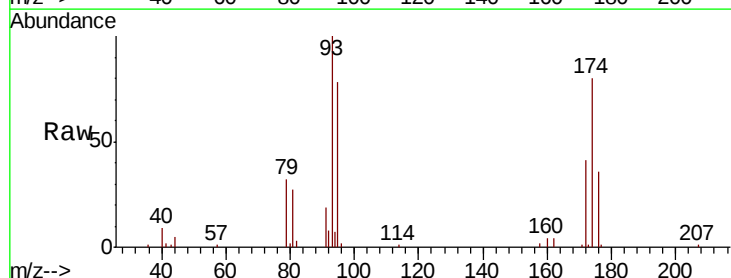
Tgt Ion: 93 Resp: 29213

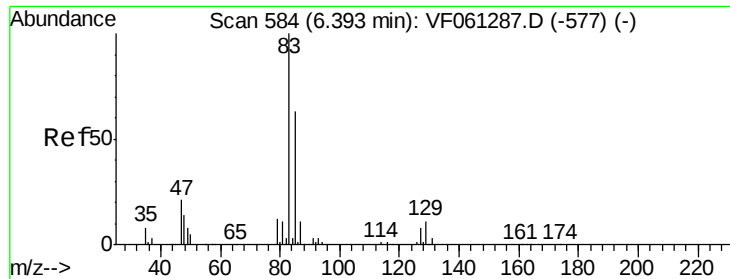
Ion Ratio Lower Upper

93 100

95 78.3 68.8 103.2

174 79.9 62.9 94.3





#47

Bromodichloromethane

Concen: 19.542 ug/l

RT: 6.40 min Scan# 585

Delta R.T. 0.00 min

Lab File: VF061341.D

Acq: 10 Jan 2019 13:53

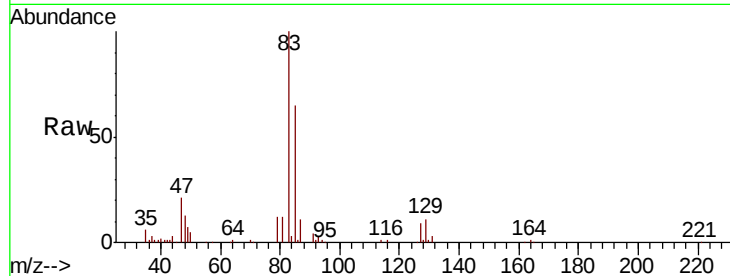
Tgt Ion: 83 Resp: 73056

Ion Ratio Lower Upper

83 100

85 65.0 50.4 75.6

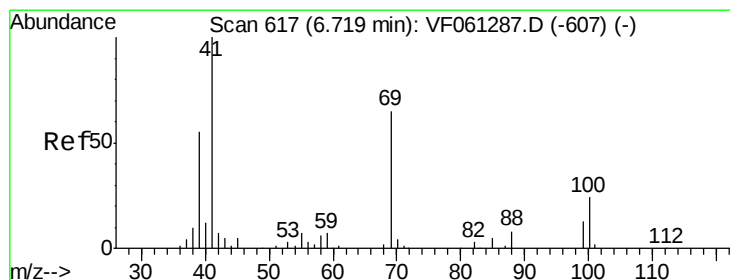
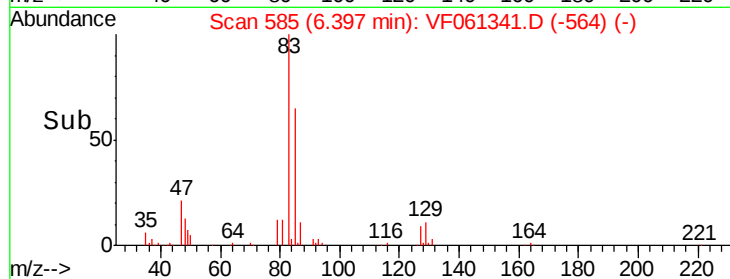
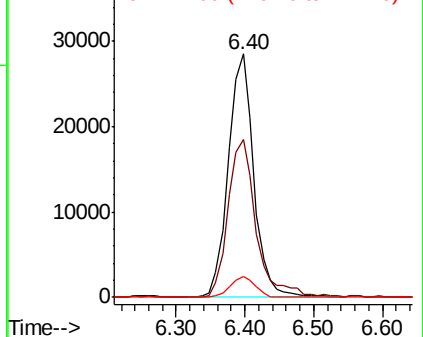
127 8.5 6.4 9.6



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: 18.467 ug/l

RT: 6.72 min Scan# 618

Delta R.T. 0.00 min

Lab File: VF061341.D

Acq: 10 Jan 2019 13:53

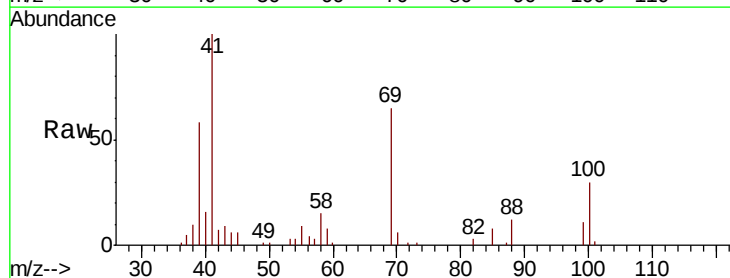
Tgt Ion: 41 Resp: 23765

Ion Ratio Lower Upper

41 100

69 64.6 51.5 77.3

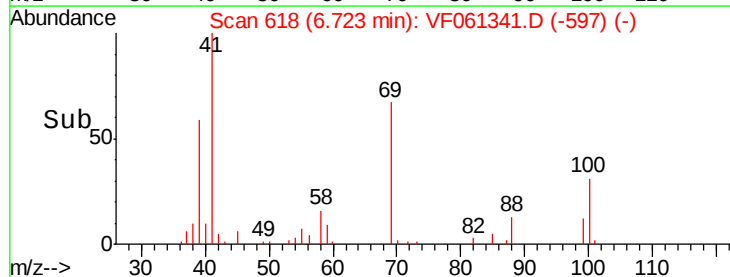
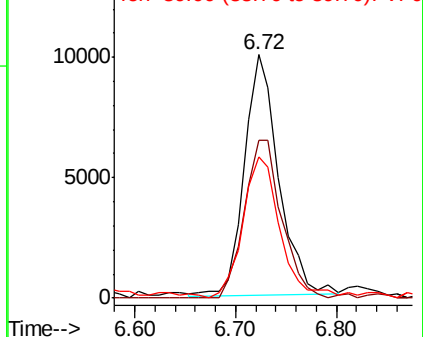
39 58.2 44.1 66.1

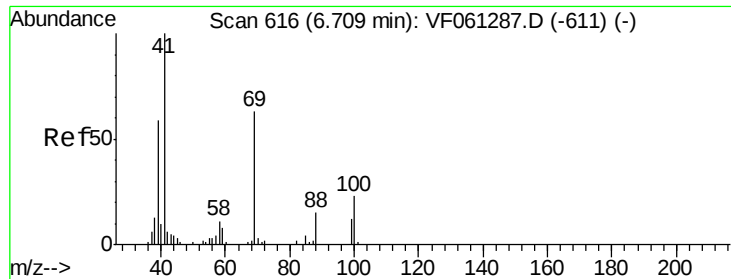


Abundance Ion 41.00 (40.70 to 41.70): VF0

Ion 69.00 (68.70 to 69.70): VF0

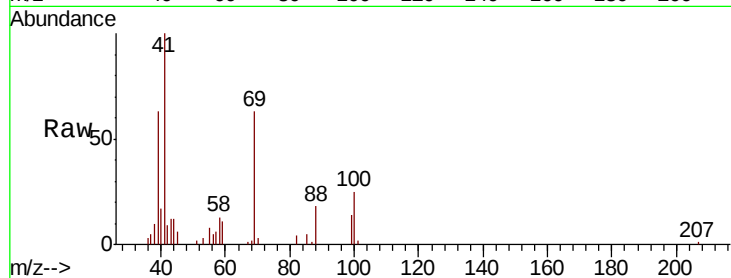
Ion 39.00 (38.70 to 39.70): VF0



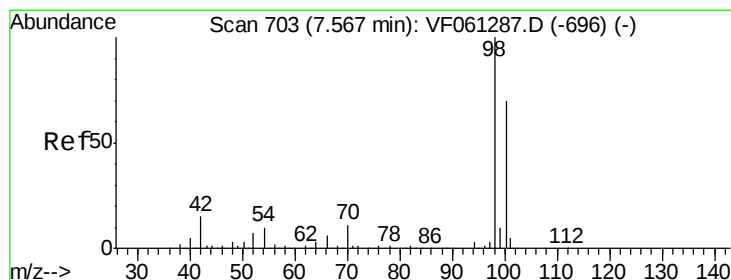
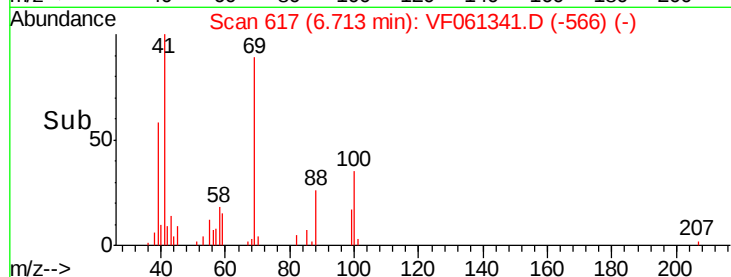
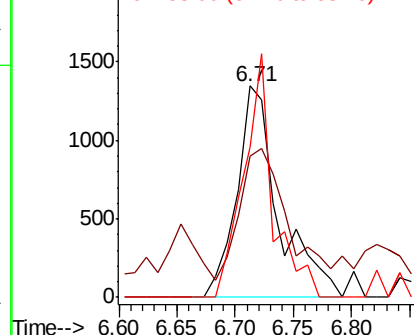


#49
1,4-Dioxane
Concen: 412.188 ug/l
RT: 6.71 min Scan# 617
Delta R.T. 0.00 min
Lab File: VF061341.D
Acq: 10 Jan 2019 13:53

Tgt Ion: 88 Resp: 3347
Ion Ratio Lower Upper
88 100
43 67.1 38.5 57.7#
58 71.3 57.0 85.4

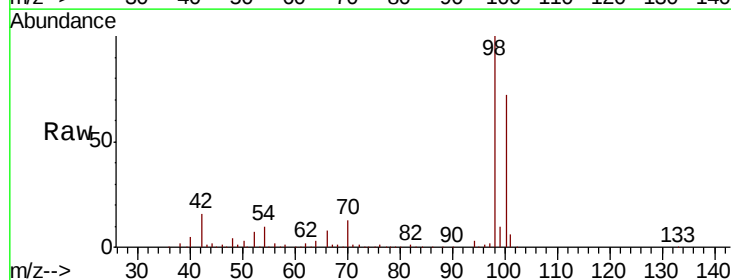


Abundance Ion 88.00 (87.70 to 88.70): VF0
Ion 43.00 (42.70 to 43.70): VF0
Ion 58.00 (57.70 to 58.70): VF0

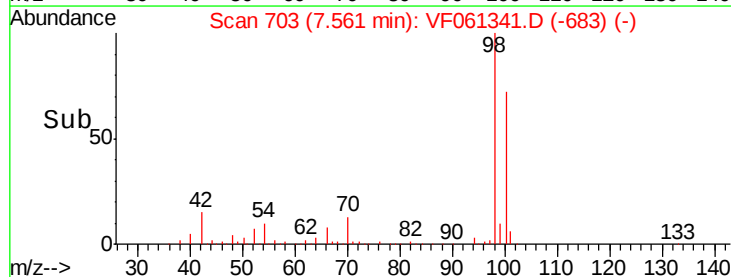
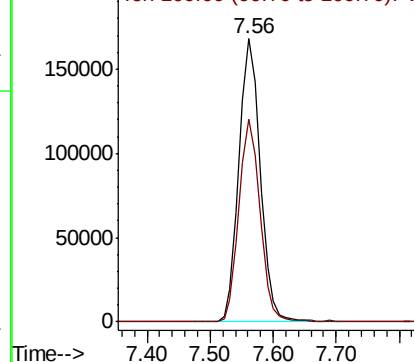


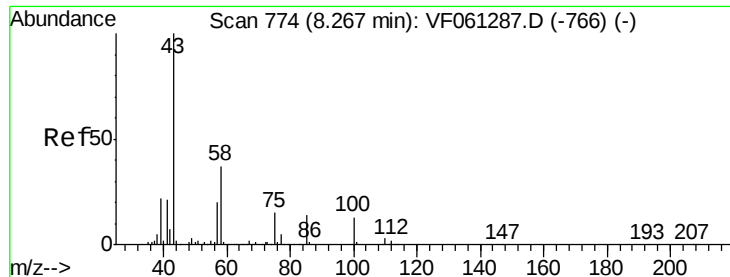
#50
Toluene-d8
Concen: 49.243 ug/l
RT: 7.56 min Scan# 703
Delta R.T. -0.01 min
Lab File: VF061341.D
Acq: 10 Jan 2019 13:53

Tgt Ion: 98 Resp: 393746
Ion Ratio Lower Upper
98 100
100 71.7 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: 102.186 ug/l

RT: 8.27 min Scan# 775

Delta R.T. 0.00 min

Lab File: VF061341.D

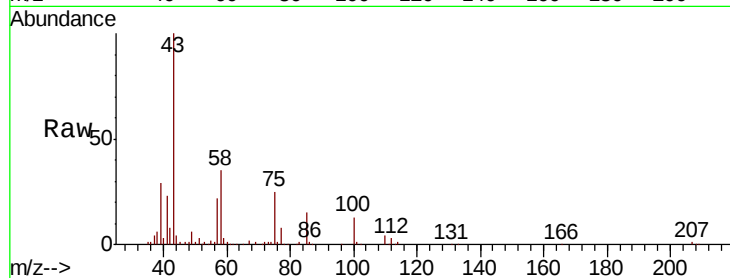
Acq: 10 Jan 2019 13:53

Tgt Ion: 43 Resp: 152917

Ion Ratio Lower Upper

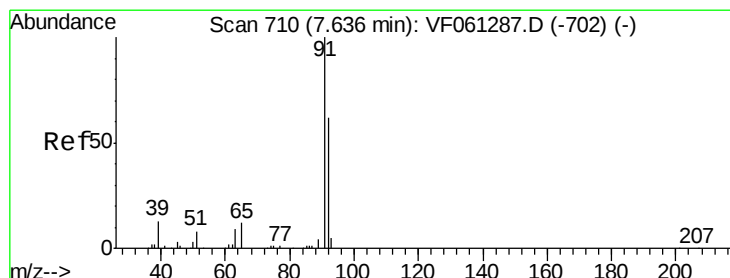
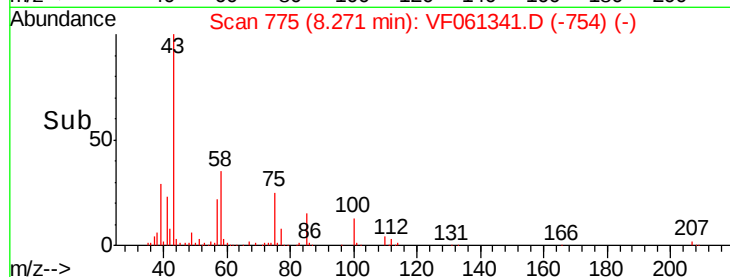
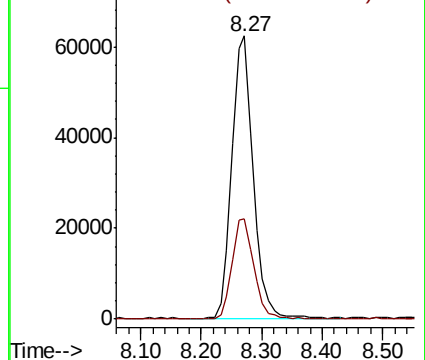
43 100

58 35.3 29.6 44.4



Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 58.00 (57.70 to 58.70): VF0



#52

Toluene

Concen: 19.713 ug/l

RT: 7.63 min Scan# 710

Delta R.T. -0.01 min

Lab File: VF061341.D

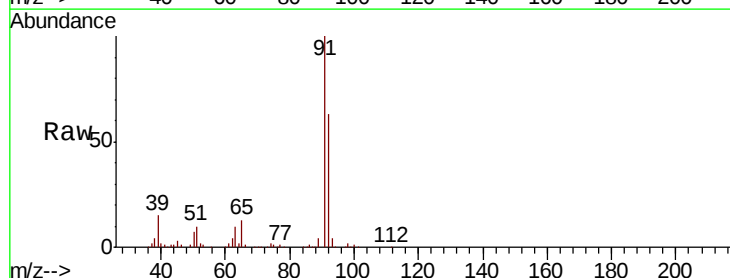
Acq: 10 Jan 2019 13:53

Tgt Ion: 92 Resp: 121986

Ion Ratio Lower Upper

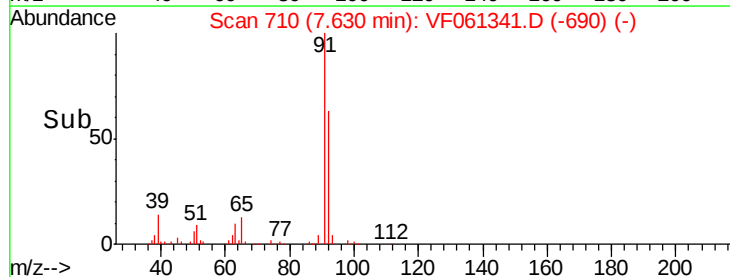
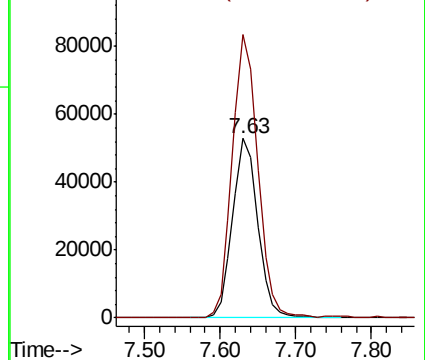
92 100

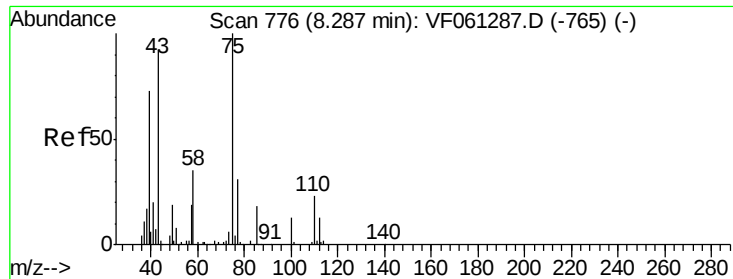
91 157.9 129.2 193.8



Abundance Ion 92.00 (91.70 to 92.70): VF0

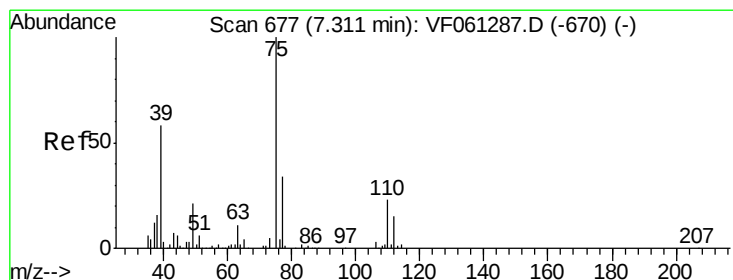
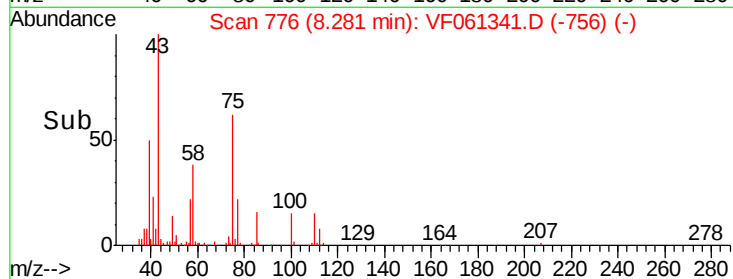
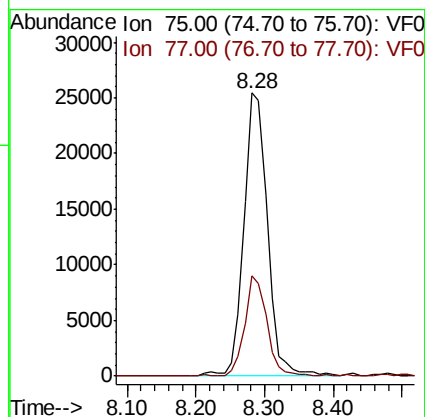
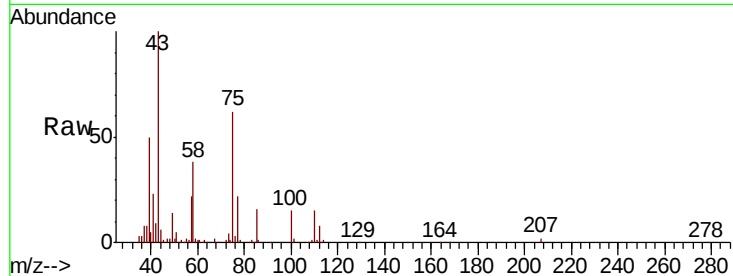
Ion 91.00 (90.70 to 91.70): VF0





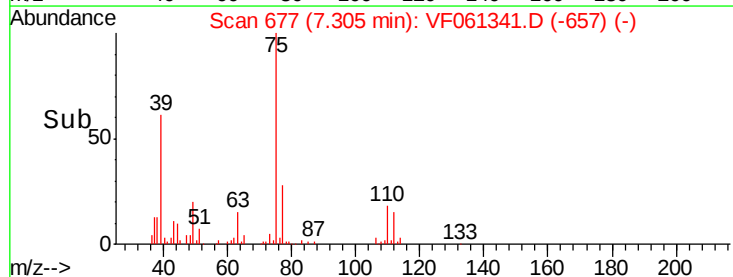
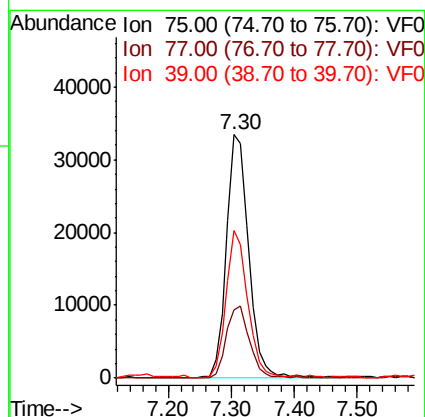
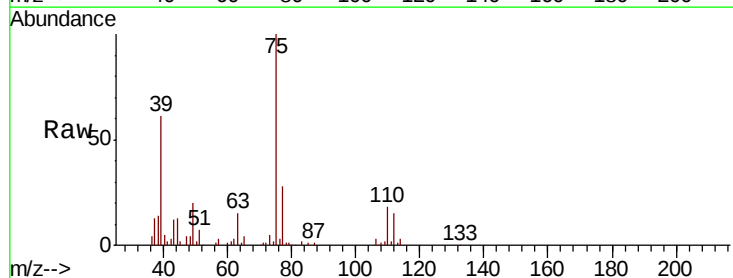
#53
 t-1,3-Dichloropropene
 Concen: 20.656 ug/l
 RT: 8.28 min Scan# 776
 Delta R.T. -0.01 min
 Lab File: VF061341.D
 Acq: 10 Jan 2019 13:53

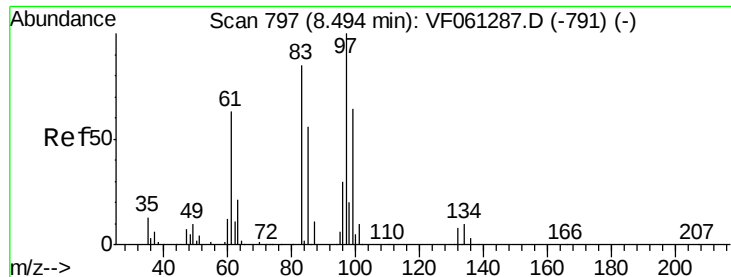
Tgt Ion: 75 Resp: 60645
 Ion Ratio Lower Upper
 75 100
 77 35.6 24.7 37.1



#54
 cis-1,3-Dichloropropene
 Concen: 21.072 ug/l
 RT: 7.30 min Scan# 677
 Delta R.T. -0.01 min
 Lab File: VF061341.D
 Acq: 10 Jan 2019 13:53

Tgt Ion: 75 Resp: 82026
 Ion Ratio Lower Upper
 75 100
 77 27.9 27.3 40.9
 39 60.7 46.3 69.5





#55

1,1,2-Trichloroethane

Concen: 19.298 ug/l

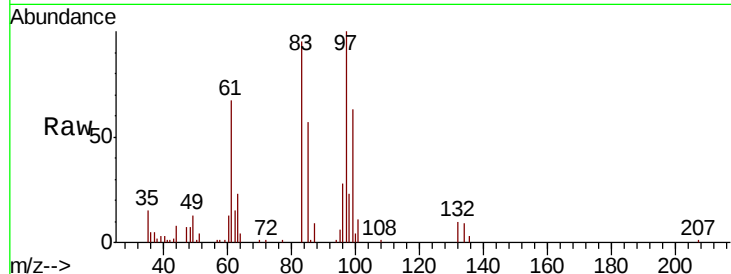
RT: 8.50 min Scan# 798

Delta R.T. 0.00 min

Lab File: VF061341.D

Acq: 10 Jan 2019 13:53

Tgt Ion:	97	Resp:	33417
Ion	Ratio	Lower	Upper
97	100		
83	95.0	67.8	101.6
85	56.7	45.1	67.7
99	63.0	51.0	76.6

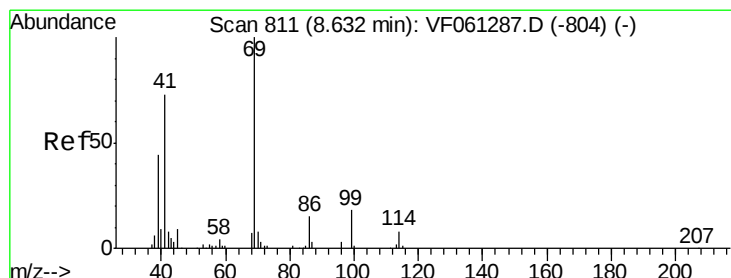
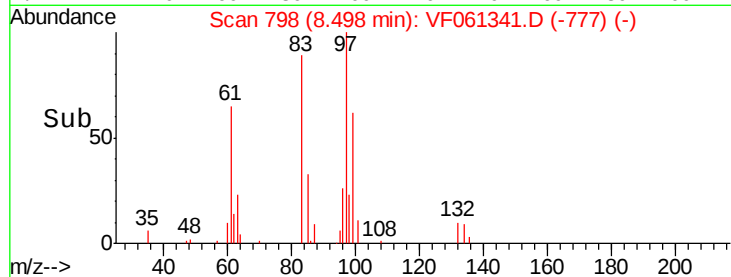
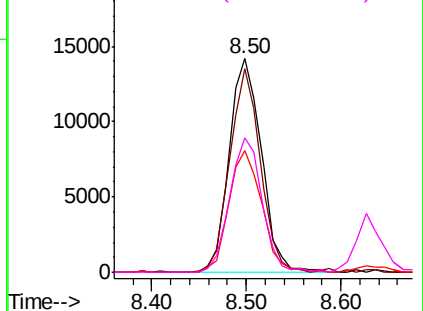


Abundance Ion 97.00 (96.70 to 97.70): VF0

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: 20.240 ug/l

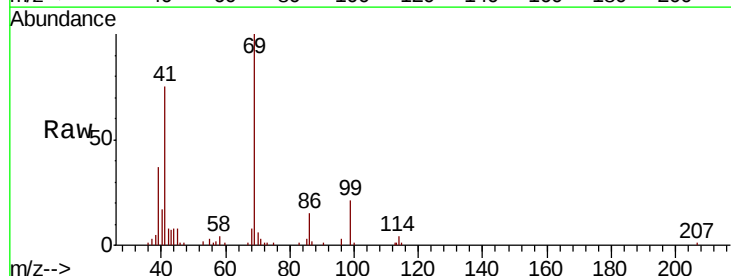
RT: 8.63 min Scan# 811

Delta R.T. -0.01 min

Lab File: VF061341.D

Acq: 10 Jan 2019 13:53

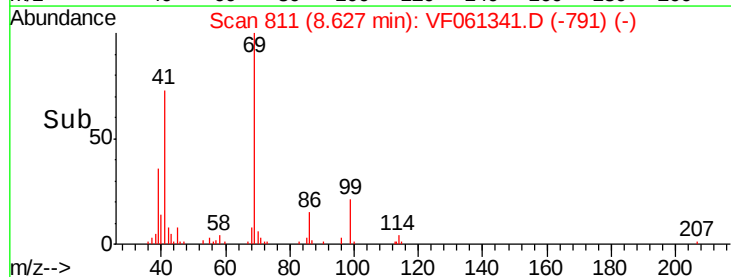
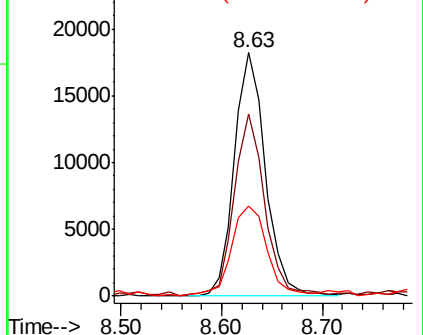
Tgt Ion:	69	Resp:	39170
Ion	Ratio	Lower	Upper
69	100		
41	75.0	59.0	88.4
39	37.1	35.3	52.9

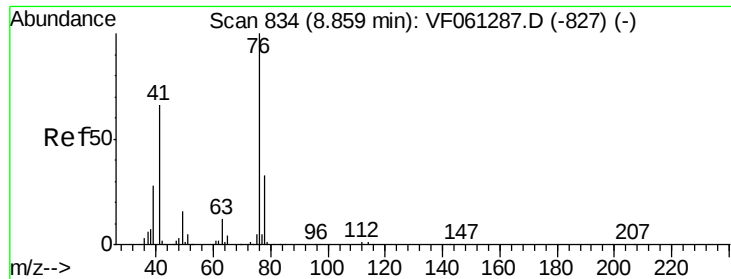


Abundance Ion 69.00 (68.70 to 69.70): VF0

Ion 41.00 (40.70 to 41.70): VF0

Ion 39.00 (38.70 to 39.70): VF0





#57

1,3-Dichloropropane

Concen: 19.240 ug/l

RT: 8.86 min Scan# 835

Delta R.T. 0.00 min

Lab File: VF061341.D

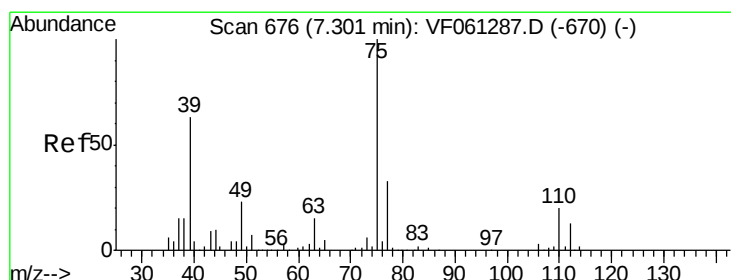
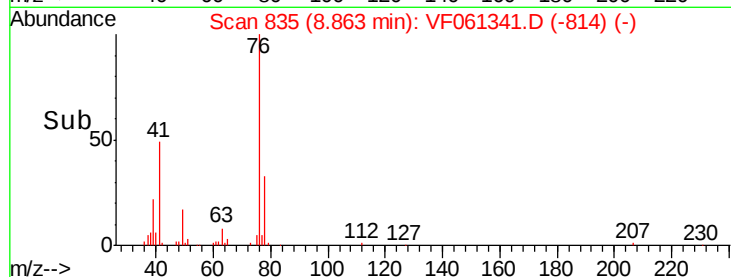
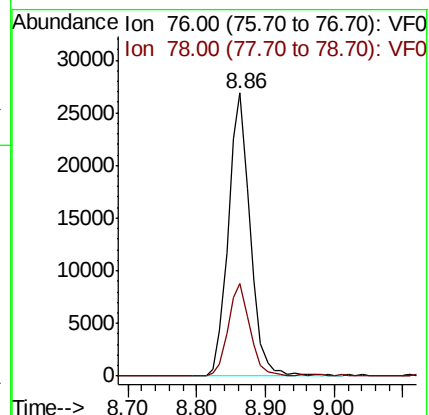
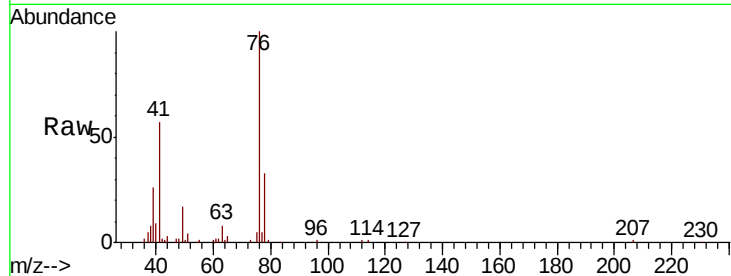
Acq: 10 Jan 2019 13:53

Tgt Ion: 76 Resp: 58961

Ion Ratio Lower Upper

76 100

78 32.7 26.8 40.2



#58

2-Chloroethyl Vinyl ether

Concen: 119.858 ug/l

RT: 7.30 min Scan# 677

Delta R.T. 0.00 min

Lab File: VF061341.D

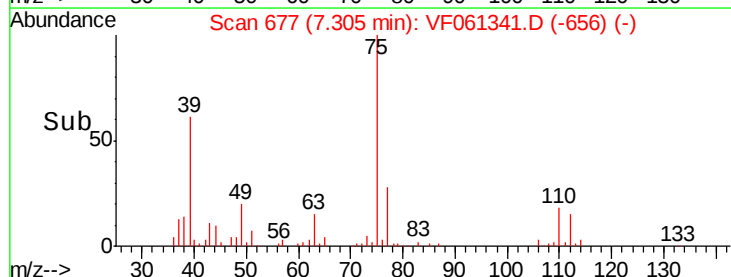
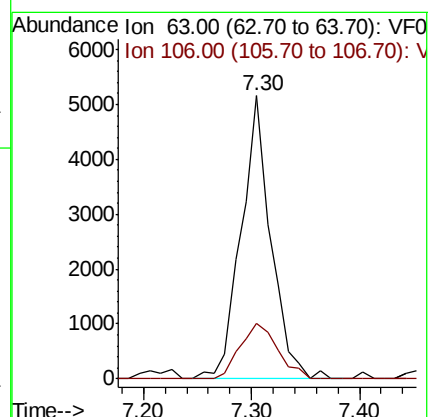
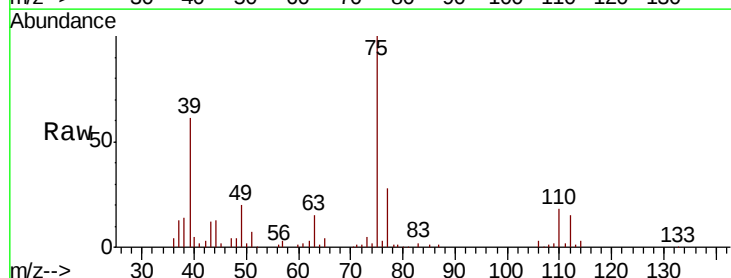
Acq: 10 Jan 2019 13:53

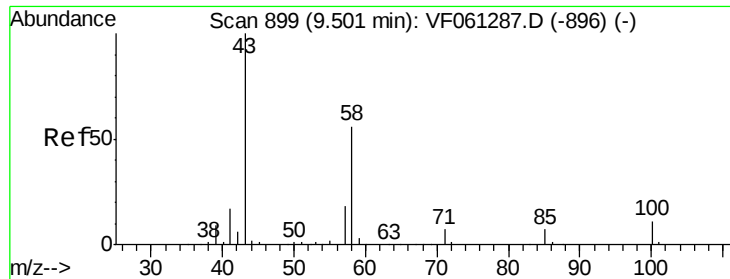
Tgt Ion: 63 Resp: 9885

Ion Ratio Lower Upper

63 100

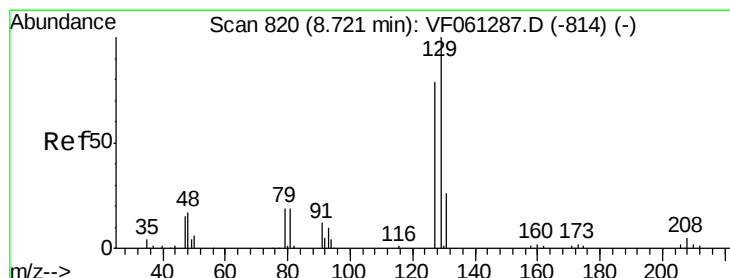
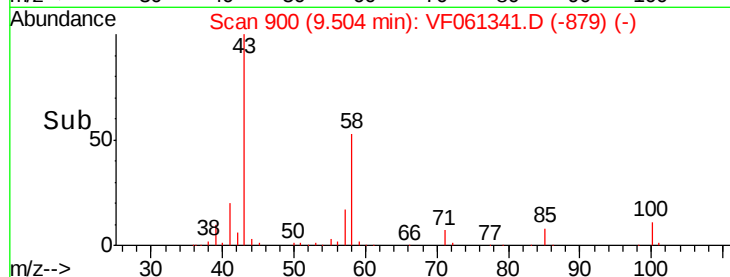
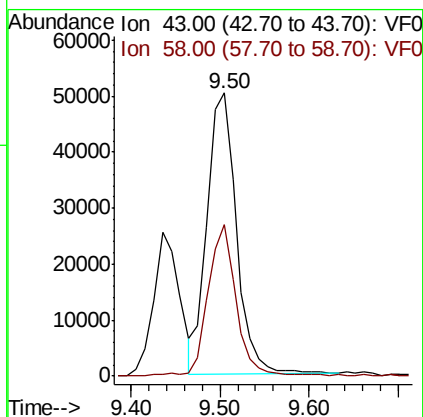
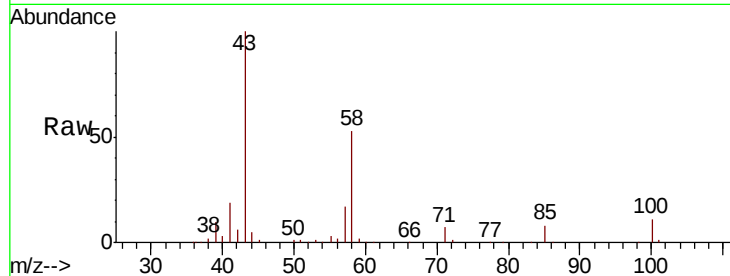
106 19.6 16.5 24.7





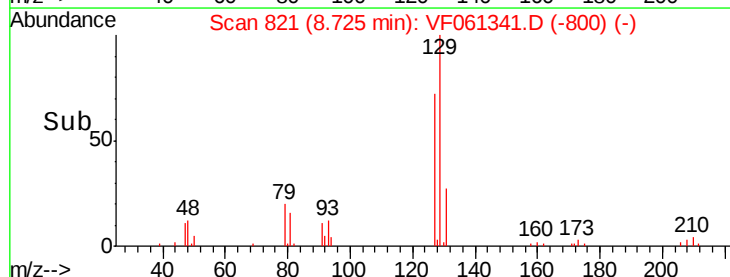
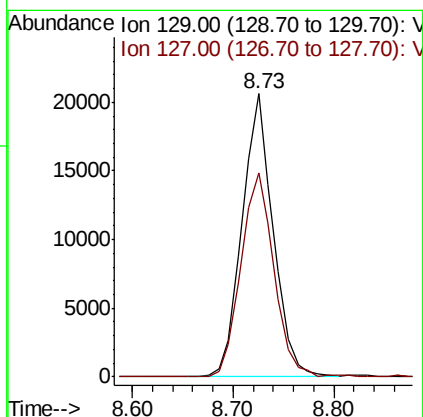
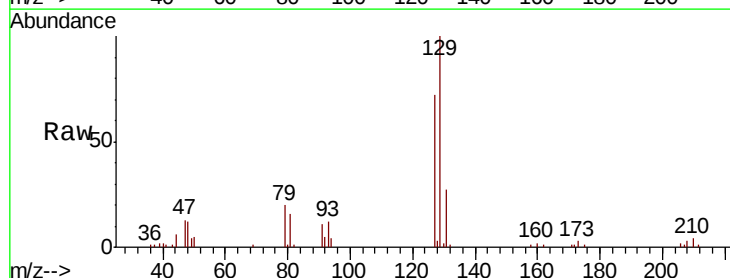
#59
2-Hexanone
Concen: 108.737 ug/l
RT: 9.50 min Scan# 900
Delta R.T. 0.00 min
Lab File: VF061341.D
Acq: 10 Jan 2019 13:53

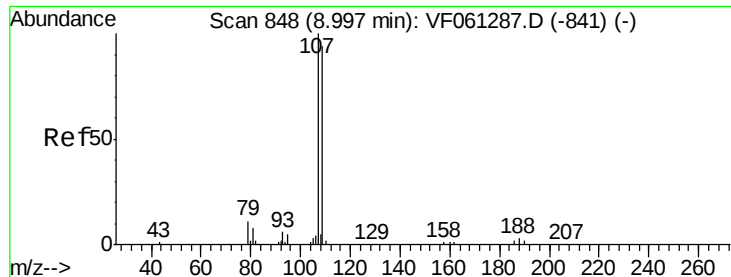
Tgt Ion: 43 Resp: 115279
Ion Ratio Lower Upper
43 100
58 53.3 25.6 76.8



#60
Dibromochloromethane
Concen: 19.169 ug/l
RT: 8.73 min Scan# 821
Delta R.T. 0.00 min
Lab File: VF061341.D
Acq: 10 Jan 2019 13:53

Tgt Ion: 129 Resp: 44199
Ion Ratio Lower Upper
129 100
127 72.3 39.4 118.1





#61

1,2-Dibromoethane

Concen: 19.642 ug/l

RT: 8.99 min Scan# 848

Delta R.T. -0.01 min

Lab File: VF061341.D

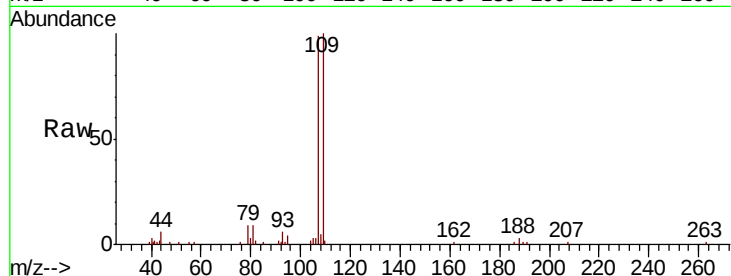
Acq: 10 Jan 2019 13:53

Tgt Ion: 107 Resp: 34670

Ion Ratio Lower Upper

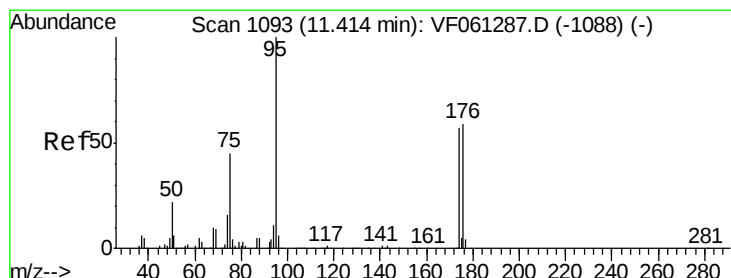
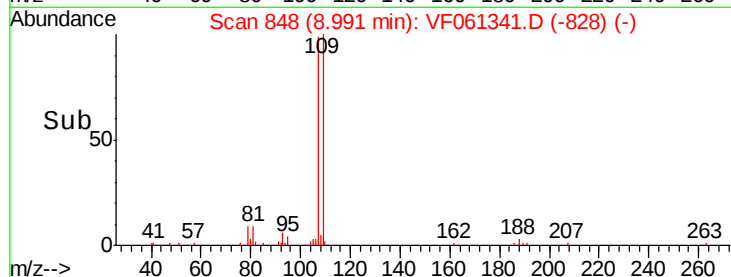
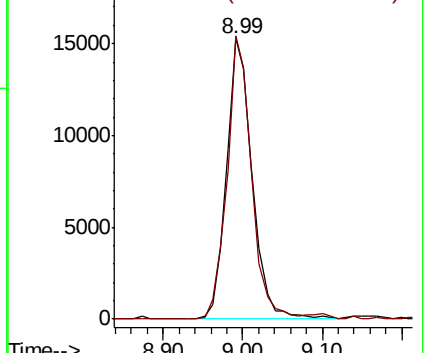
107 100

109 100.9 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: 49.745 ug/l

RT: 11.42 min Scan# 1094

Delta R.T. 0.00 min

Lab File: VF061341.D

Acq: 10 Jan 2019 13:53

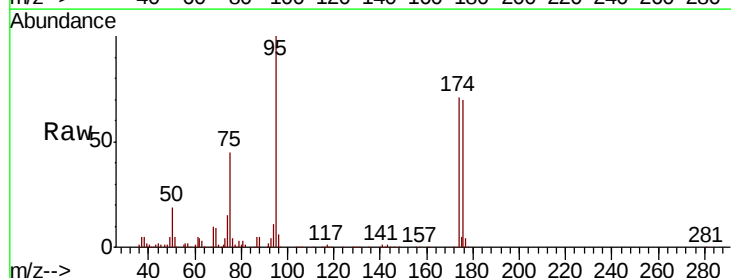
Tgt Ion: 95 Resp: 173684

Ion Ratio Lower Upper

95 100

174 70.9 0.0 114.2

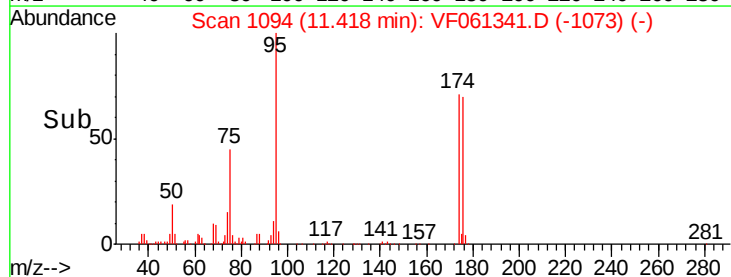
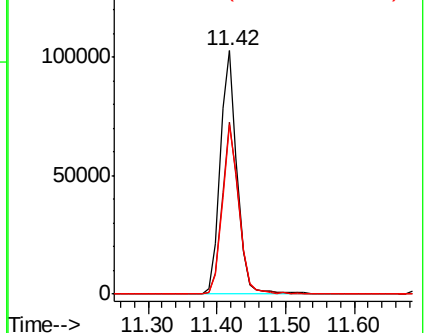
176 69.5 0.0 117.8

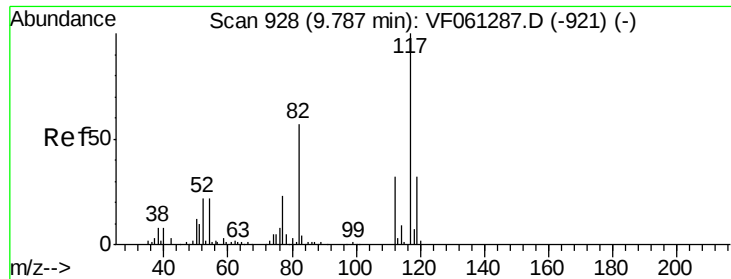


Abundance Ion 95.00 (94.70 to 95.70): VF0

Ion 174.00 (173.70 to 174.70): V

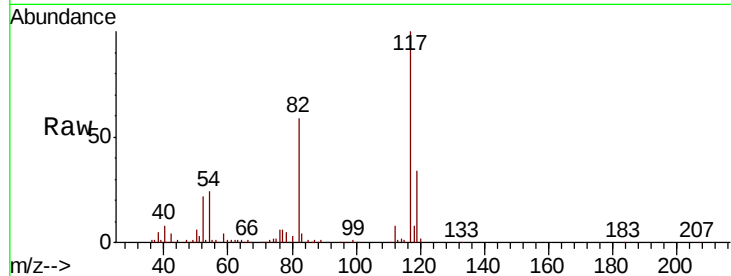
Ion 176.00 (175.70 to 176.70): V





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.78 min Scan# 928
Delta R.T. -0.01 min
Lab File: VF061341.D
Acq: 10 Jan 2019 13:53

Tgt Ion	Ratio	Lower	Upper
117	100		
82	59.0	45.3	67.9
119	33.6	25.4	38.0

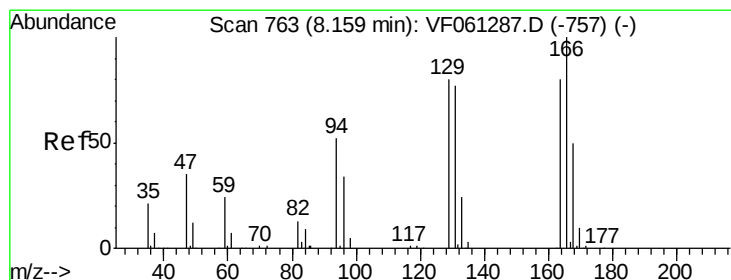
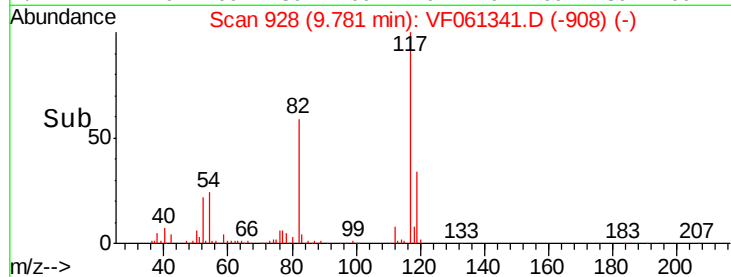
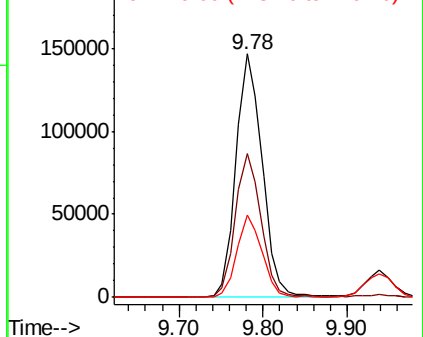


Abundance

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: 20.406 ug/l
RT: 8.16 min Scan# 764
Delta R.T. 0.00 min
Lab File: VF061341.D
Acq: 10 Jan 2019 13:53

Tgt Ion	Ratio	Lower	Upper
164	100		
166	126.8	100.1	150.1
129	98.6	80.1	120.1
131	93.7	76.7	115.1

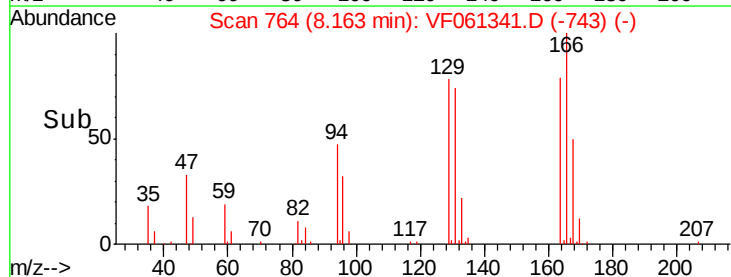
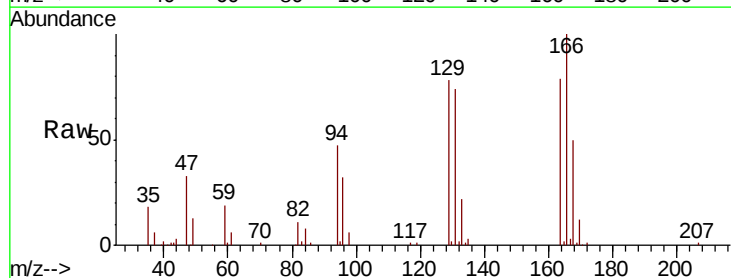
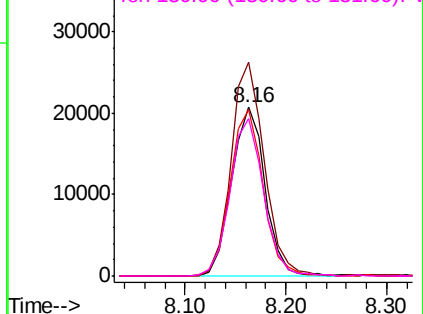
Abundance

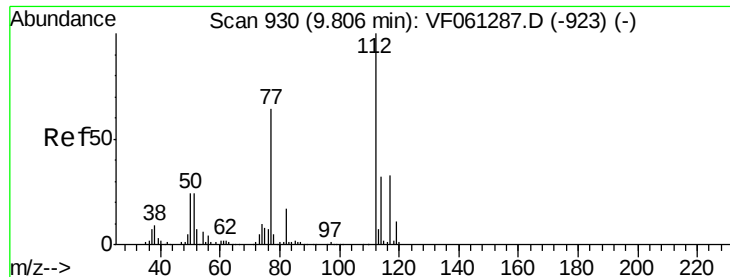
Ion 163.85 (163.55 to 164.55): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.90 (128.60 to 129.60): V

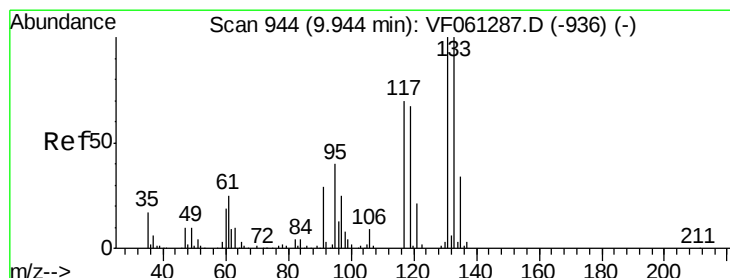
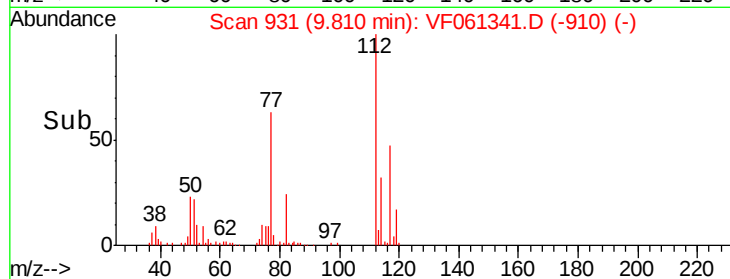
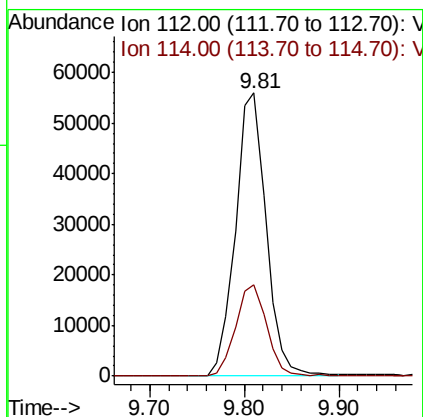
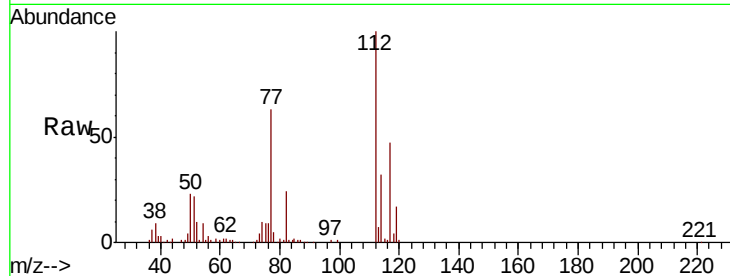
Ion 130.90 (130.60 to 131.60): V





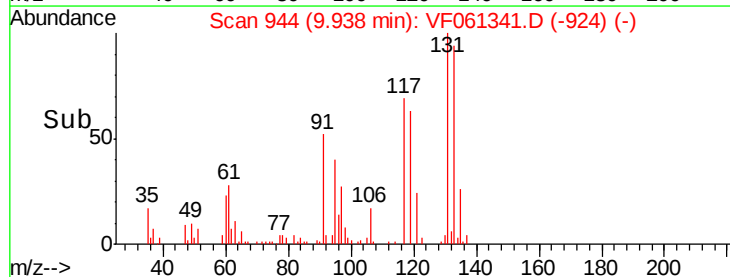
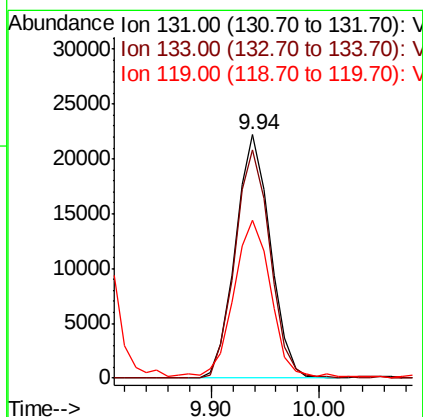
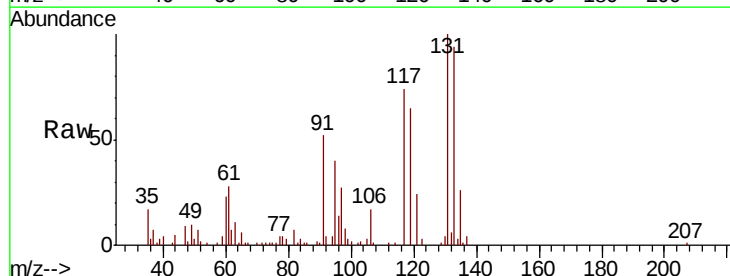
#65
Chlorobenzene
Concen: 19.452 ug/l
RT: 9.81 min Scan# 931
Delta R.T. 0.00 min
Lab File: VF061341.D
Acq: 10 Jan 2019 13:53

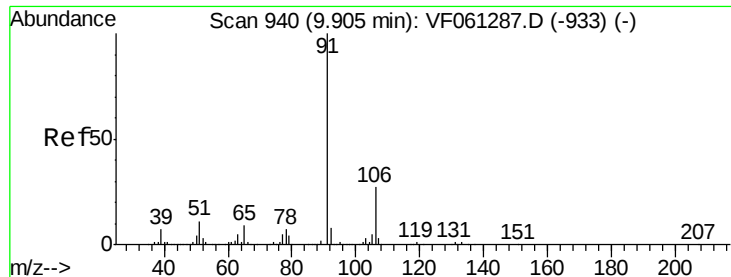
Tgt Ion:112 Resp: 125906
Ion Ratio Lower Upper
112 100
114 32.2 25.8 38.8



#66
1,1,1,2-Tetrachloroethane
Concen: 18.871 ug/l
RT: 9.94 min Scan# 944
Delta R.T. -0.01 min
Lab File: VF061341.D
Acq: 10 Jan 2019 13:53

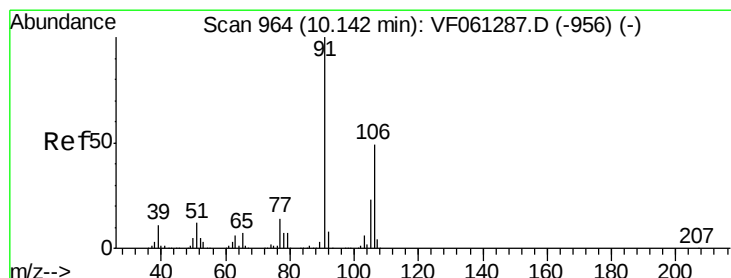
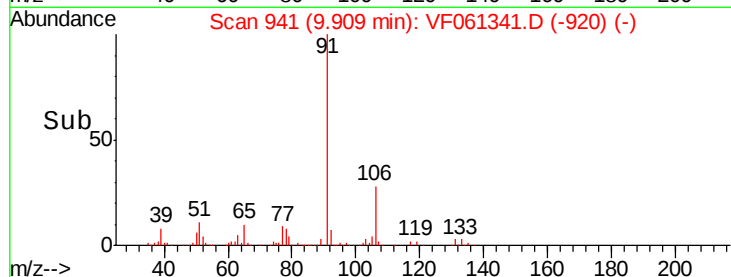
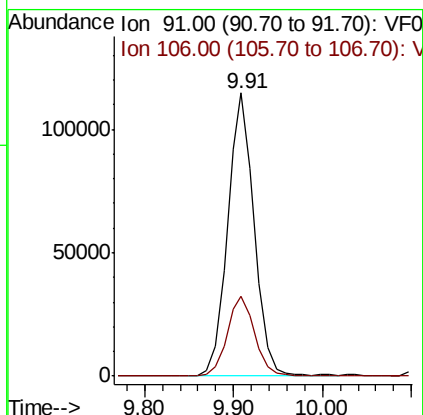
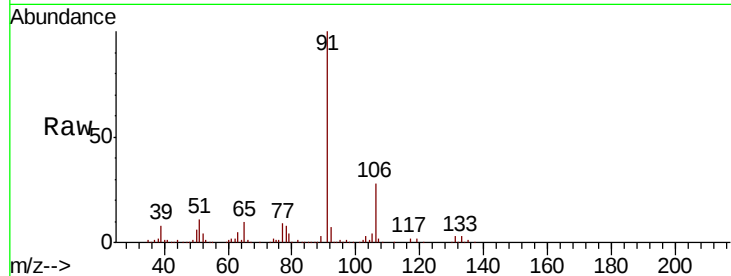
Tgt Ion:131 Resp: 49840
Ion Ratio Lower Upper
131 100
133 93.8 49.9 149.6
119 64.7 33.9 101.6





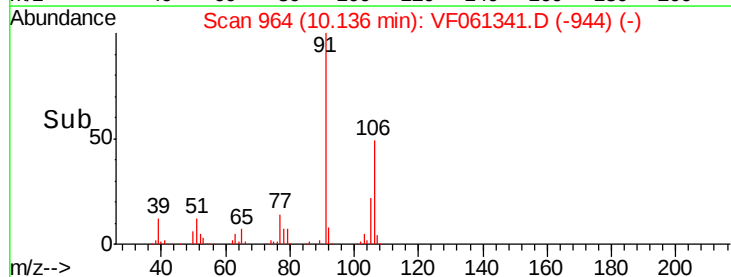
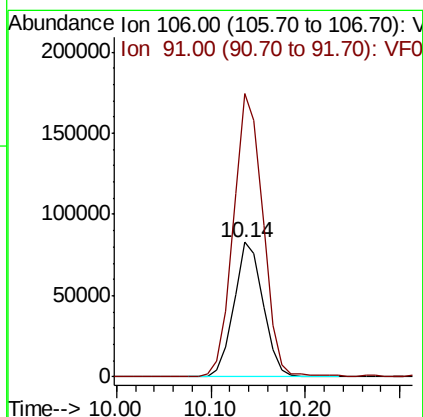
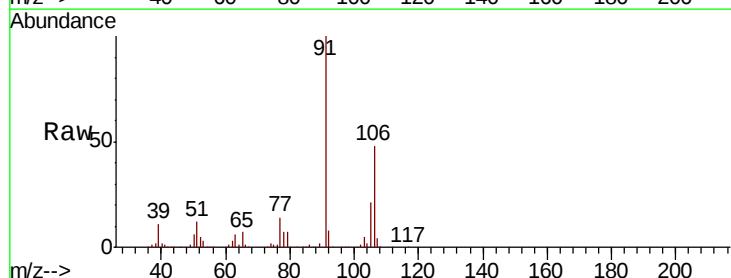
#67
Ethyl Benzene
Concen: 19.191 ug/l
RT: 9.91 min Scan# 941
Delta R.T. 0.00 min
Lab File: VF061341.D
Acq: 10 Jan 2019 13:53

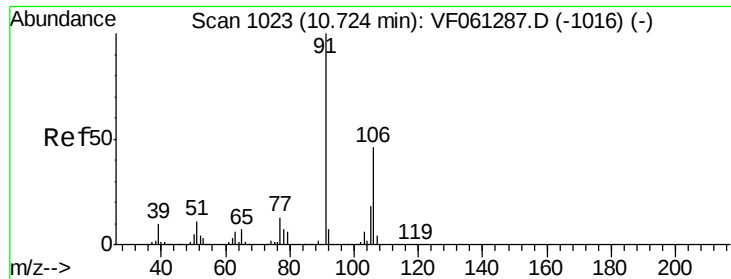
Tgt Ion: 91 Resp: 239492
Ion Ratio Lower Upper
91 100
106 28.4 21.4 32.2



#68
m/p-Xylenes
Concen: 40.724 ug/l
RT: 10.14 min Scan# 964
Delta R.T. -0.01 min
Lab File: VF061341.D
Acq: 10 Jan 2019 13:53

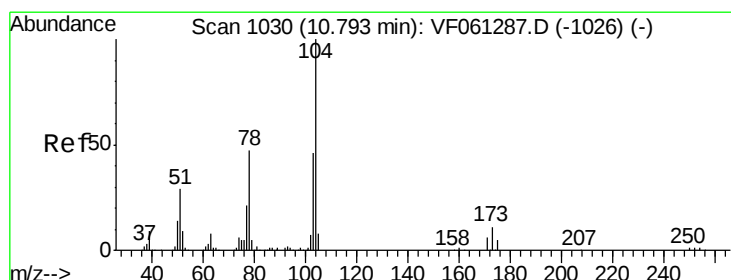
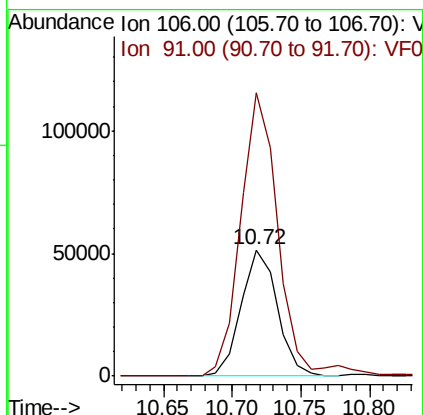
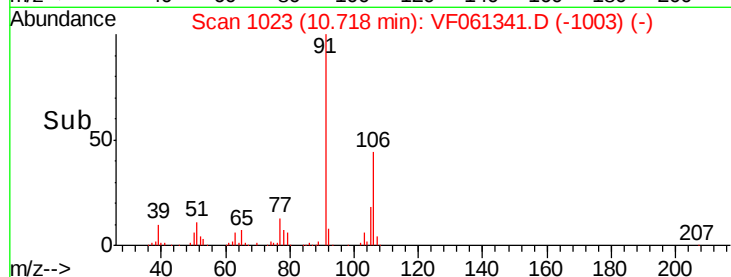
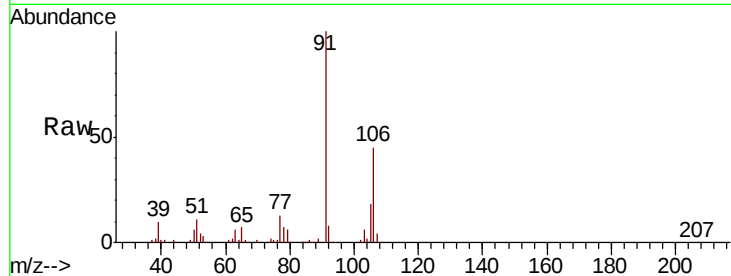
Tgt Ion: 106 Resp: 177279
Ion Ratio Lower Upper
106 100
91 210.5 165.0 247.6





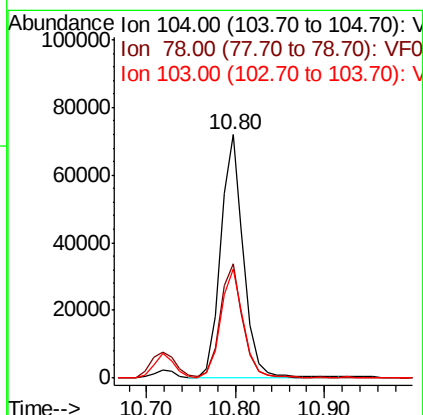
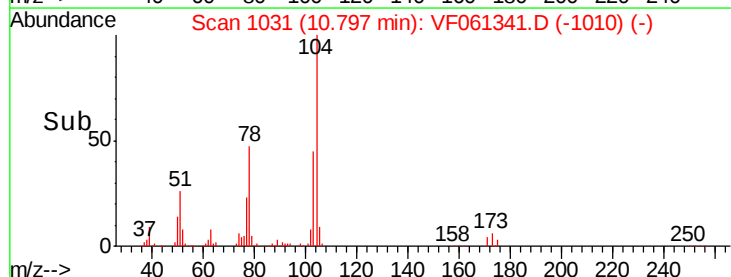
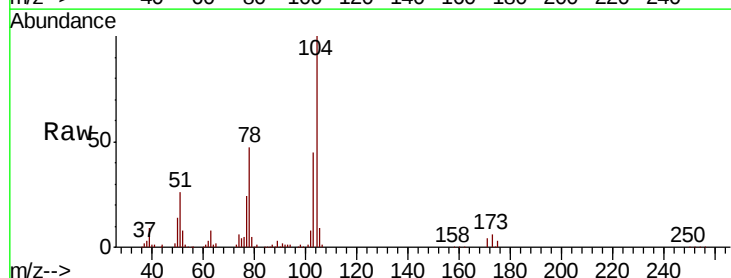
#69
o-Xylene
Concen: 19.569 ug/l
RT: 10.72 min Scan# 1023
Delta R.T. -0.01 min
Lab File: VF061341.D
Acq: 10 Jan 2019 13:53

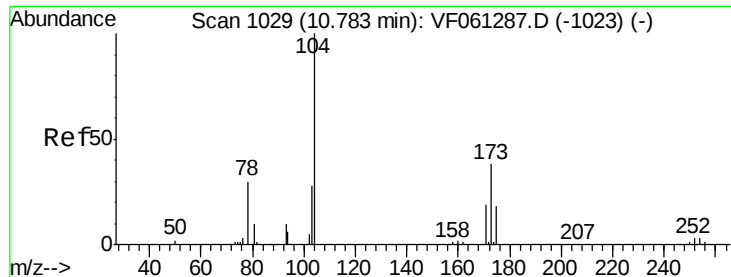
Tgt Ion:106 Resp: 95162
Ion Ratio Lower Upper
106 100
91 224.6 108.1 324.4



#70
Styrene
Concen: 19.702 ug/l
RT: 10.80 min Scan# 1031
Delta R.T. 0.00 min
Lab File: VF061341.D
Acq: 10 Jan 2019 13:53

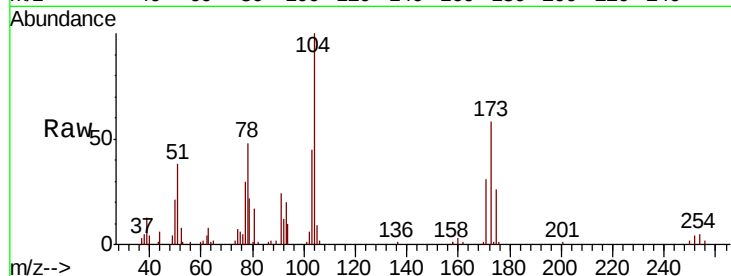
Tgt Ion:104 Resp: 127631
Ion Ratio Lower Upper
104 100
78 47.1 38.0 57.0
103 45.1 36.7 55.1



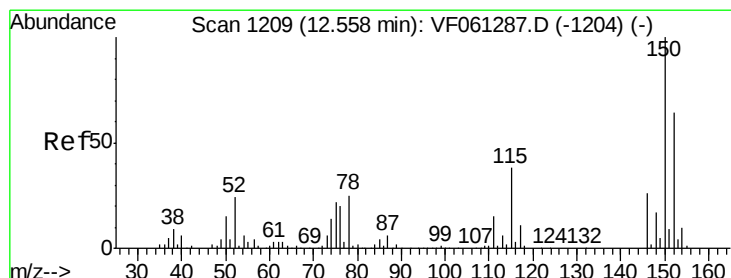
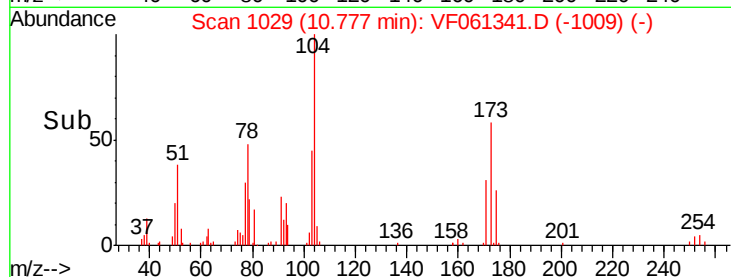
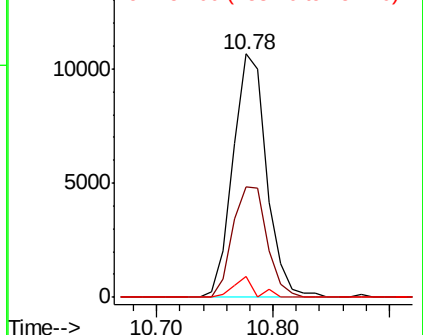


#71
Bromoform
Concen: 19.745 ug/l
RT: 10.78 min Scan# 1029
Delta R.T. -0.01 min
Lab File: VF061341.D
Acq: 10 Jan 2019 13:53

Tgt Ion:173 Resp: 21312
Ion Ratio Lower Upper
173 100
175 45.3 24.1 72.2
254 8.8 0.0 0.0#

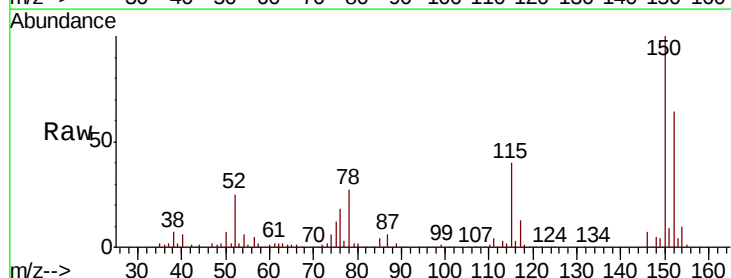


Abundance Ion 173.00 (172.70 to 173.70): V
Ion 175.00 (174.70 to 175.70): V
Ion 254.00 (253.70 to 254.70): V

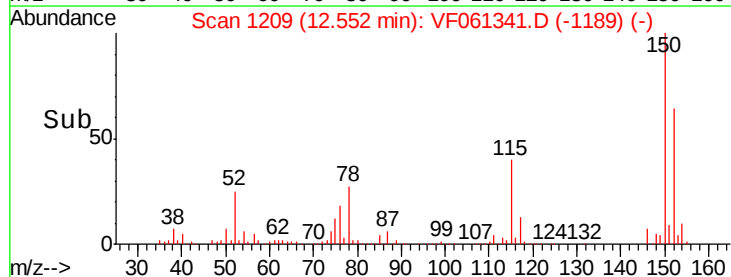
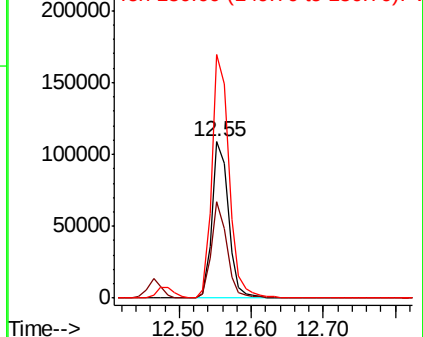


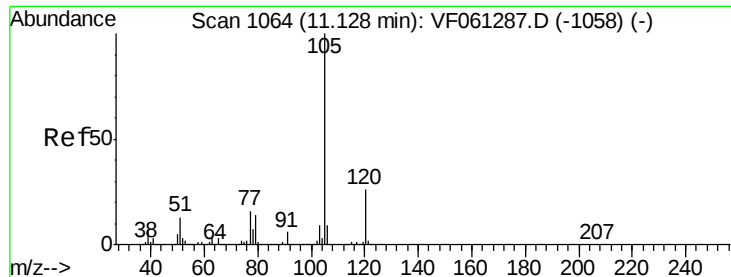
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.55 min Scan# 1209
Delta R.T. -0.01 min
Lab File: VF061341.D
Acq: 10 Jan 2019 13:53

Tgt Ion:152 Resp: 172009
Ion Ratio Lower Upper
152 100
115 61.9 29.6 88.9
150 155.6 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: 18.348 ug/l

RT: 11.13 min Scan# 1065

Delta R.T. 0.00 min

Lab File: VF061341.D

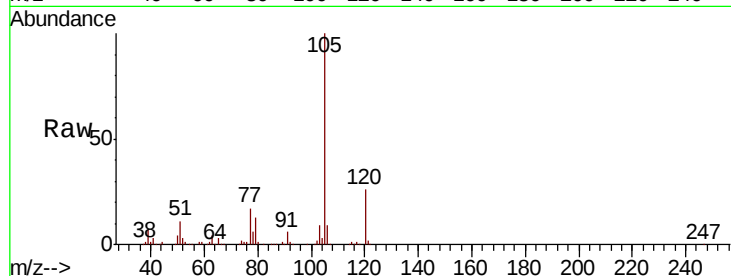
Acq: 10 Jan 2019 13:53

Tgt Ion: 105 Resp: 277707

Ion Ratio Lower Upper

105 100

120 25.7 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

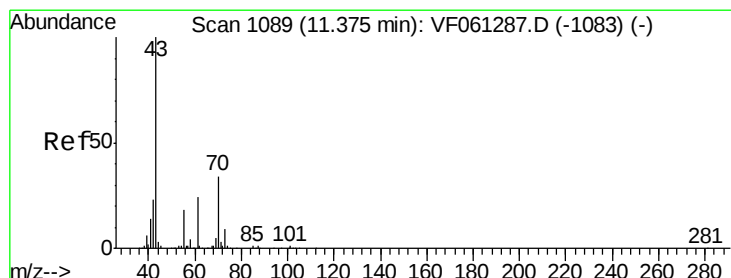
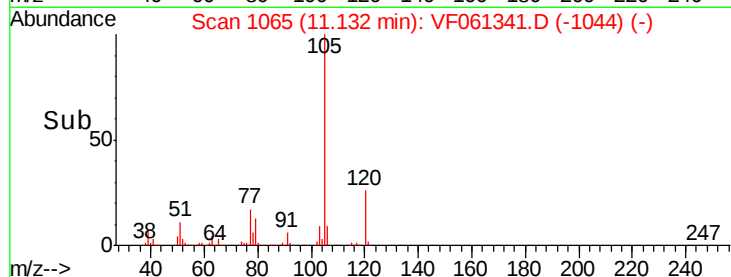
150000

100000

50000

0

Time--> 11.00 11.10 11.20



#74

N-ethyl acetate

Concen: 20.780 ug/l

RT: 11.38 min Scan# 1090

Delta R.T. 0.00 min

Lab File: VF061341.D

Acq: 10 Jan 2019 13:53

Tgt Ion: 43 Resp: 71497

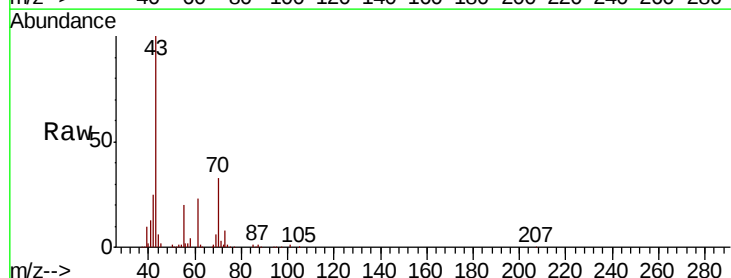
Ion Ratio Lower Upper

43 100

70 33.3 27.4 41.0

55 20.1 14.7 22.1

61 23.4 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

11.38

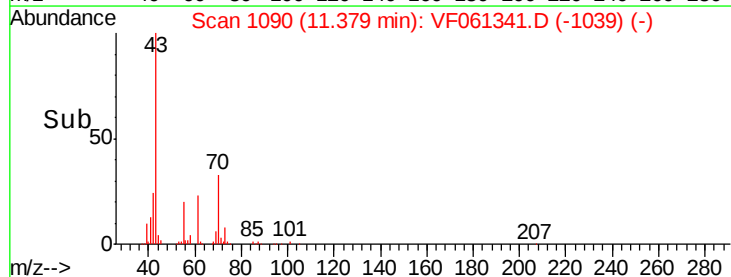
60000

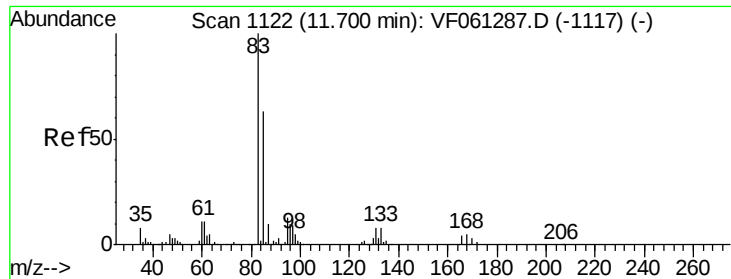
40000

20000

0

Time--> 11.30 11.40 11.50





#75

1,1,2,2-Tetrachloroethane

Concen: 19.547 ug/l

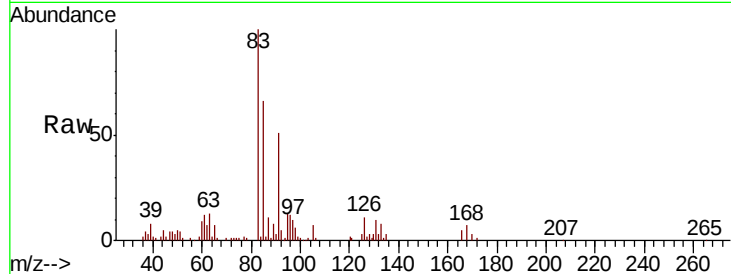
RT: 11.70 min Scan# 1123

Delta R.T. 0.00 min

Lab File: VF061341.D

Acq: 10 Jan 2019 13:53

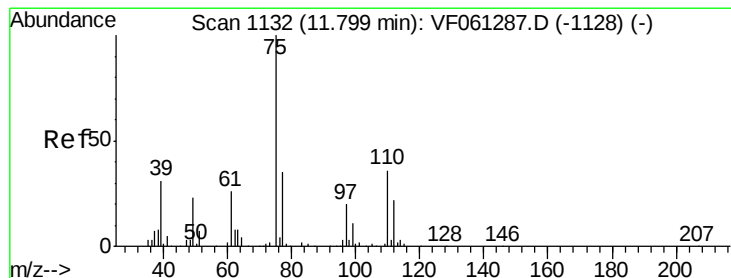
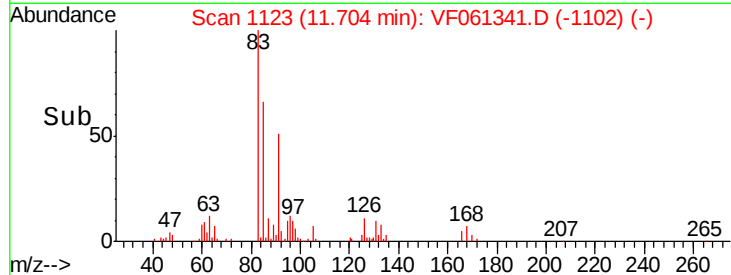
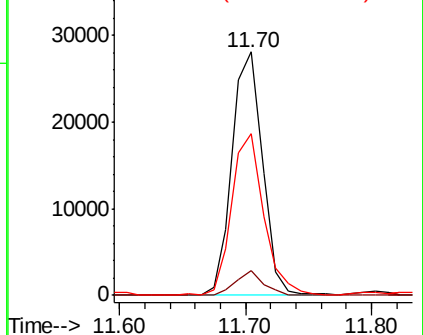
Tgt Ion:	83	Resp:	46910
Ion	Ratio	Lower	Upper
83	100		
131	10.3	3.9	11.7
85	66.2	31.6	94.7



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: 18.928 ug/l

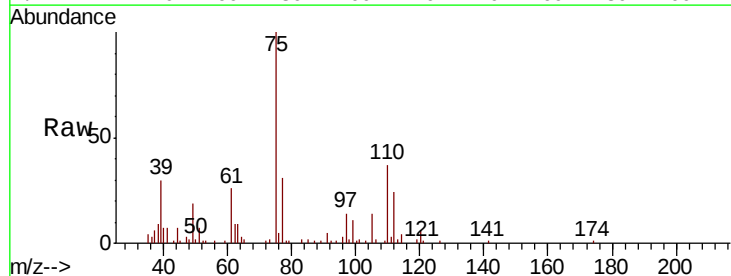
RT: 11.80 min Scan# 1133

Delta R.T. 0.00 min

Lab File: VF061341.D

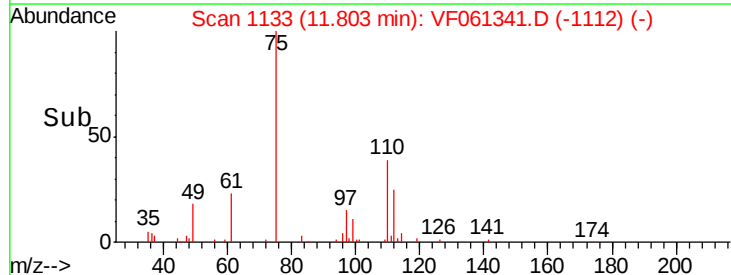
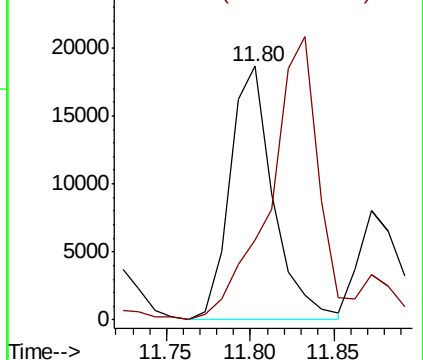
Acq: 10 Jan 2019 13:53

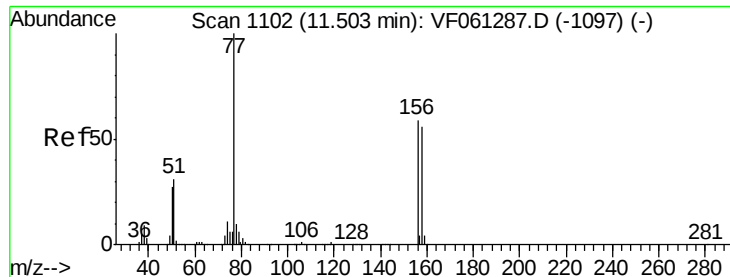
Tgt Ion:	75	Resp:	33316
Ion	Ratio	Lower	Upper
75	100		
77	31.3	17.5	52.5



Abundance Ion 75.00 (74.70 to 75.70): VF0

Ion 77.00 (76.70 to 77.70): VF0





#77

Bromobenzene

Concen: 18.780 ug/l

RT: 11.50 min Scan# 1102

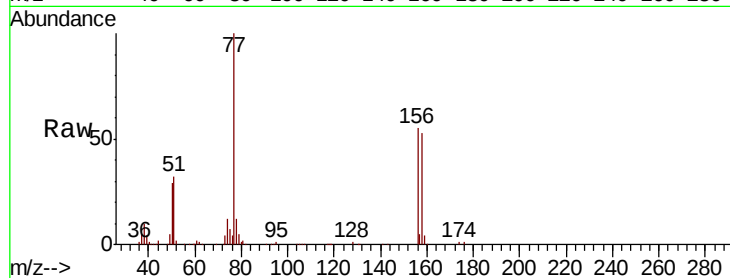
Delta R.T. -0.01 min

Lab File: VF061341.D

Acq: 10 Jan 2019 13:53

Tgt Ion: 156 Resp: 56550

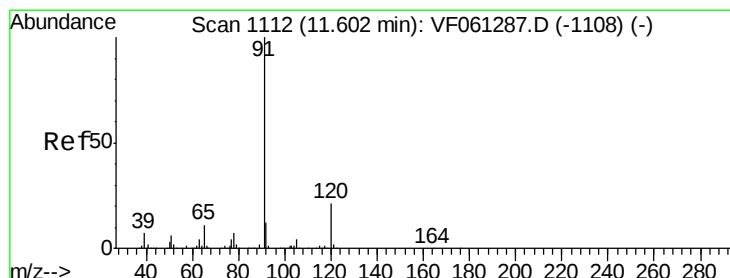
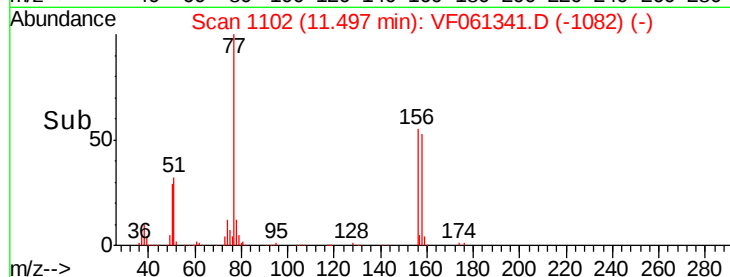
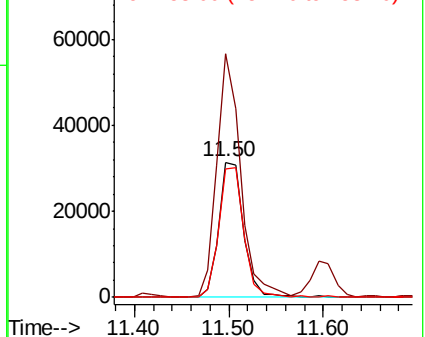
Ion	Ratio	Lower	Upper
156	100		
77	180.3	84.3	252.9
158	94.9	47.1	141.3



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: 19.214 ug/l

RT: 11.60 min Scan# 1112

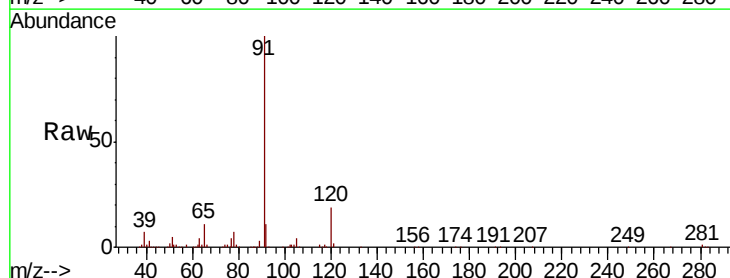
Delta R.T. -0.01 min

Lab File: VF061341.D

Acq: 10 Jan 2019 13:53

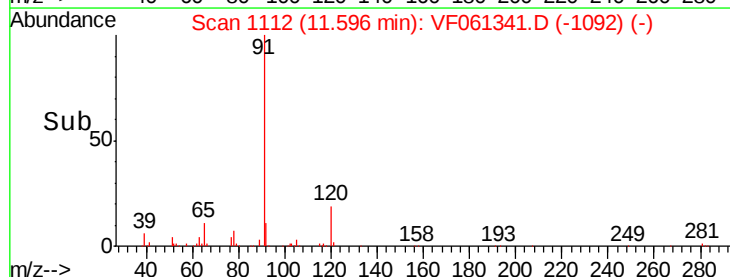
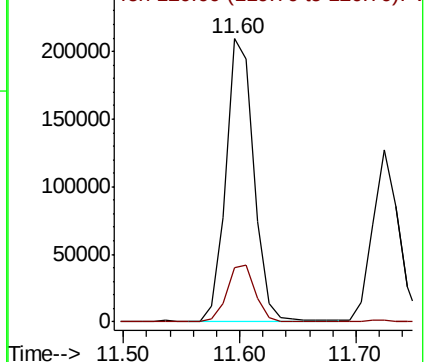
Tgt Ion: 91 Resp: 346747

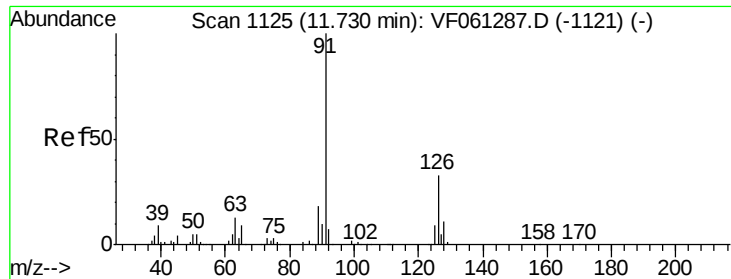
Ion	Ratio	Lower	Upper
91	100		
120	19.3	10.7	32.1



Abundance Ion 91.00 (90.70 to 91.70): VF0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 19.259 ug/l

RT: 11.72 min Scan# 1125

Delta R.T. -0.01 min

Lab File: VF061341.D

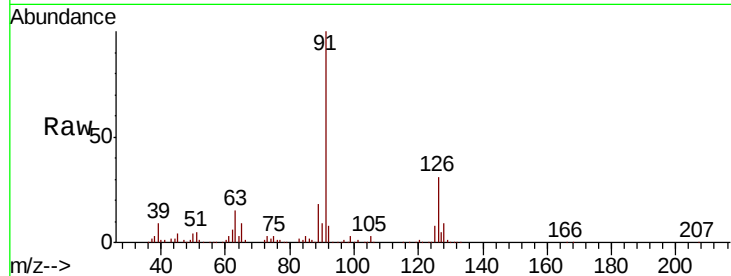
Acq: 10 Jan 2019 13:53

Tgt Ion: 91 Resp: 193643

Ion Ratio Lower Upper

91 100

126 31.3 16.6 49.8



Abundance Ion 91.00 (90.70 to 91.70): VF0

Ion 126.00 (125.70 to 126.70): V

11.72

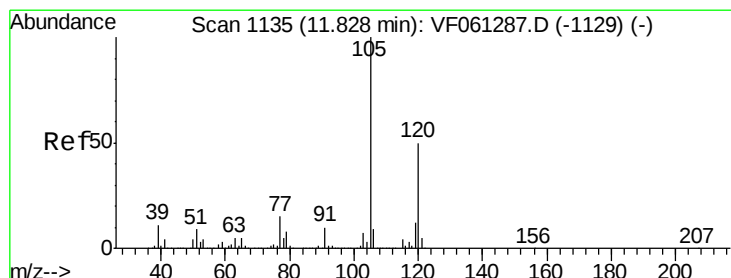
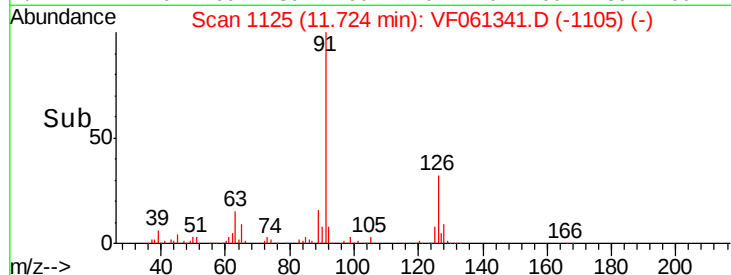
100000

50000

0

11.65 11.70 11.75 11.80

Time-->



#80

1,3,5-Trimethylbenzene

Concen: 19.441 ug/l

RT: 11.83 min Scan# 1136

Delta R.T. 0.00 min

Lab File: VF061341.D

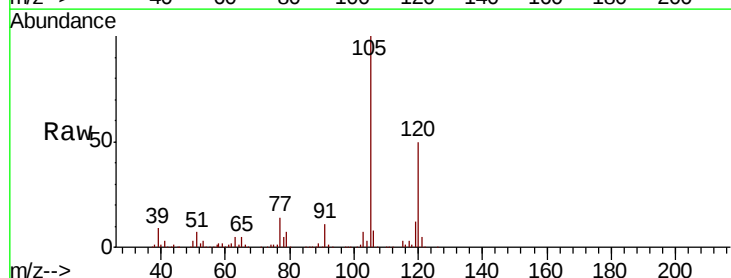
Acq: 10 Jan 2019 13:53

Tgt Ion: 105 Resp: 234146

Ion Ratio Lower Upper

105 100

120 50.3 25.2 75.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

11.83

150000

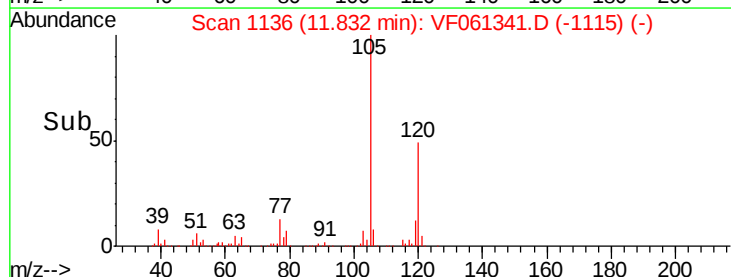
100000

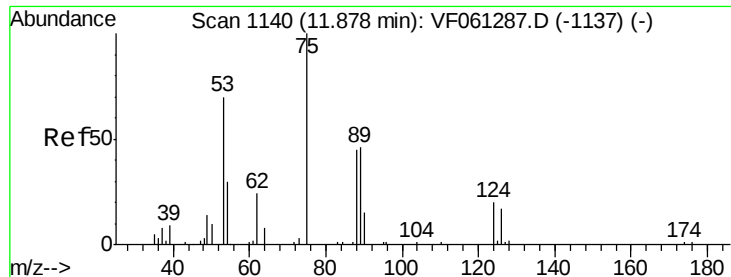
50000

0

11.80 11.90

Time-->





#81

trans-1,4-Dichloro-2-butene

Concen: 24.217 ug/l

RT: 11.87 min Scan# 1140

Delta R.T. -0.01 min

Lab File: VF061341.D

Acq: 10 Jan 2019 13:53

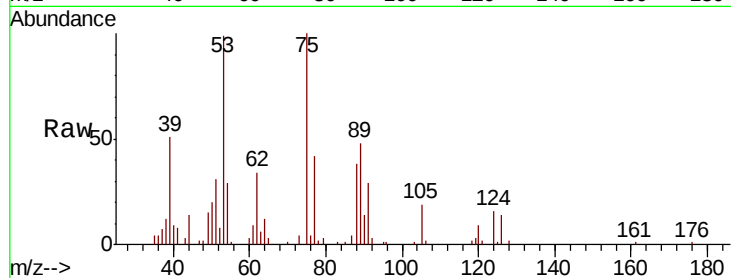
Tgt Ion: 75 Resp: 18627

Ion Ratio Lower Upper

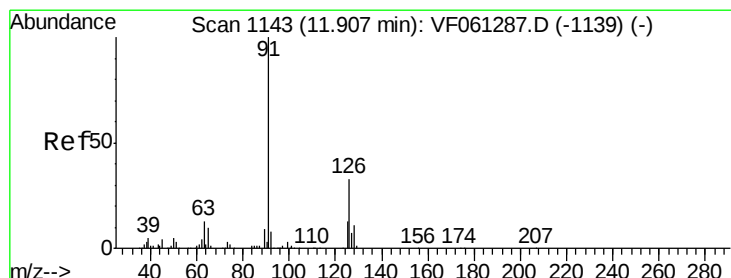
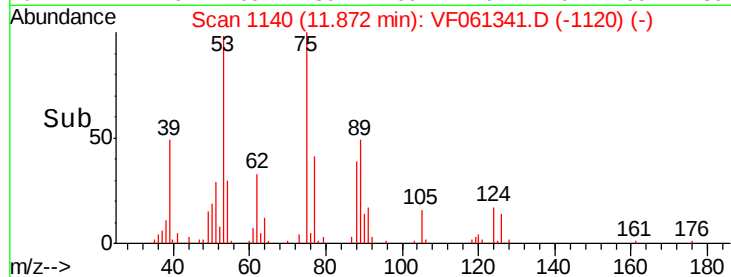
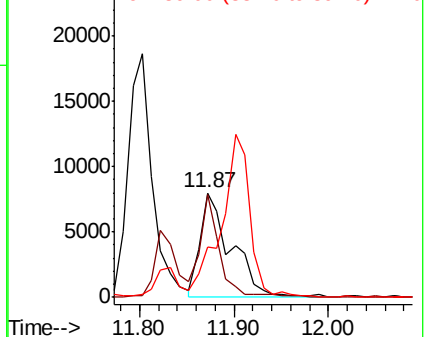
75 100

53 98.7 62.2 93.2#

89 47.9 40.2 60.4



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



#82

4-Chlorotoluene

Concen: 19.008 ug/l

RT: 11.90 min Scan# 1143

Delta R.T. -0.01 min

Lab File: VF061341.D

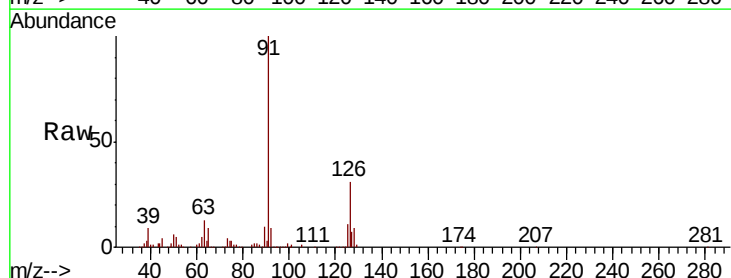
Acq: 10 Jan 2019 13:53

Tgt Ion: 91 Resp: 194198

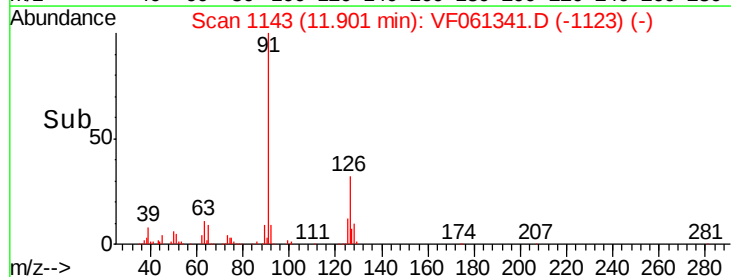
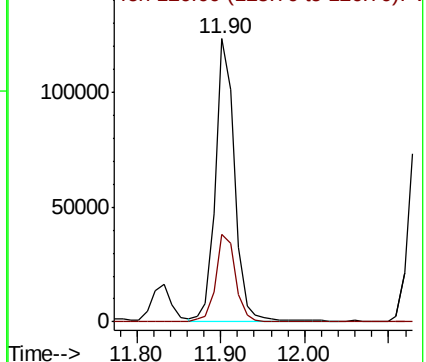
Ion Ratio Lower Upper

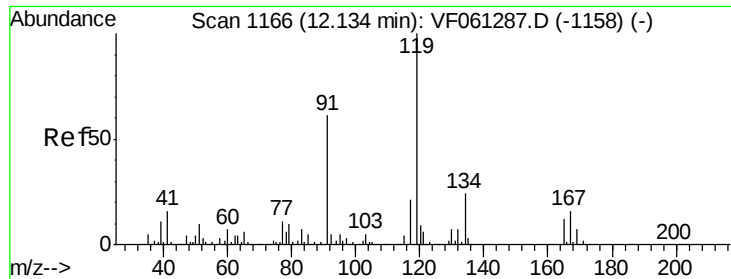
91 100

126 31.0 16.4 49.4



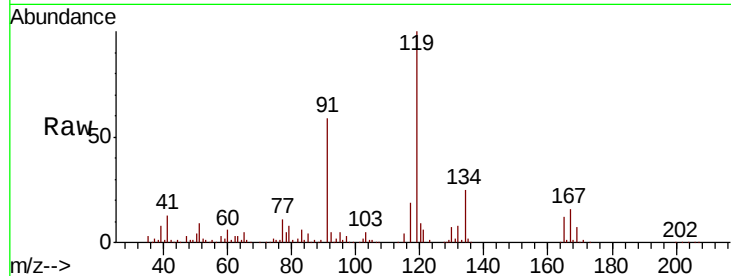
Abundance Ion 91.00 (90.70 to 91.70): VF0
Ion 126.00 (125.70 to 126.70): V



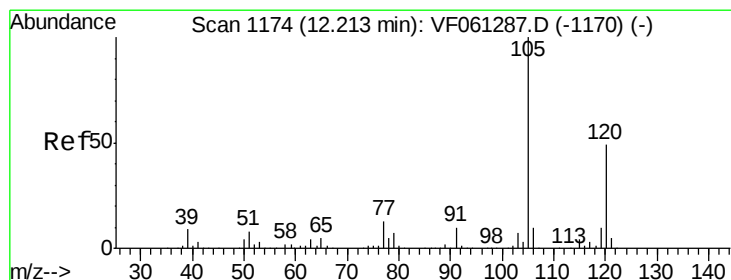
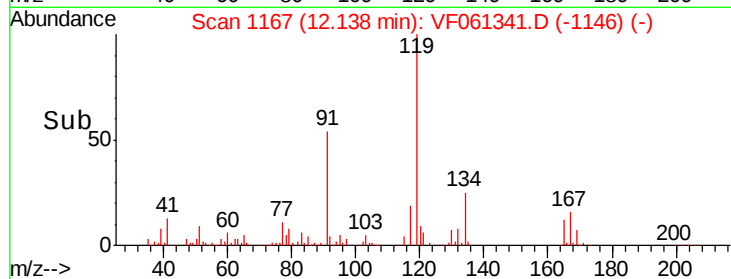
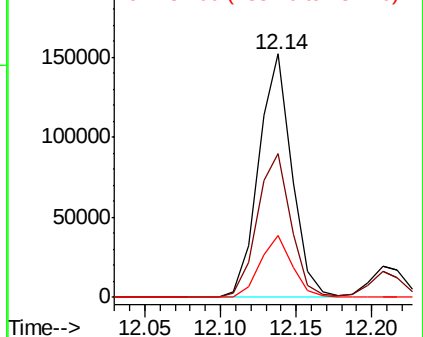


#83
 tert-Butylbenzene
 Concen: 19.393 ug/l
 RT: 12.14 min Scan# 1167
 Delta R.T. 0.00 min
 Lab File: VF061341.D
 Acq: 10 Jan 2019 13:53

Tgt Ion:119 Resp: 232694
 Ion Ratio Lower Upper
 119 100
 91 58.8 30.8 92.4
 134 25.2 11.9 35.9

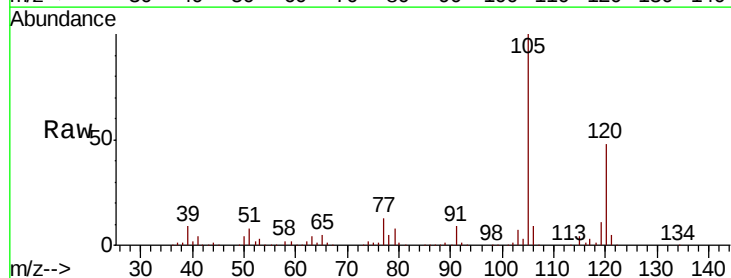


Abundance Ion 119.00 (118.70 to 119.70): V
 Ion 91.00 (90.70 to 91.70): VF0
 Ion 134.00 (133.70 to 134.70): V

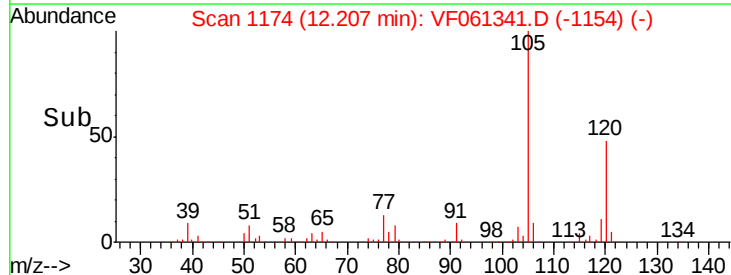
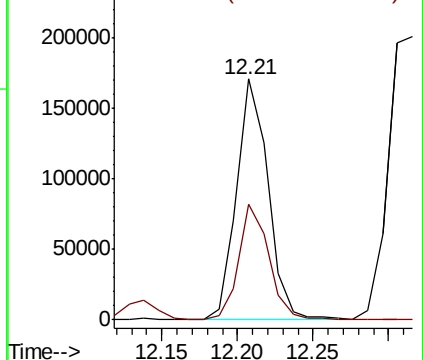


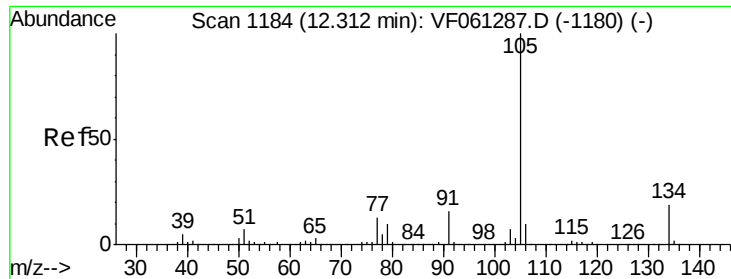
#84
 1,2,4-Trimethylbenzene
 Concen: 20.718 ug/l
 RT: 12.21 min Scan# 1174
 Delta R.T. -0.01 min
 Lab File: VF061341.D
 Acq: 10 Jan 2019 13:53

Tgt Ion:105 Resp: 247734
 Ion Ratio Lower Upper
 105 100
 120 47.8 24.7 74.1



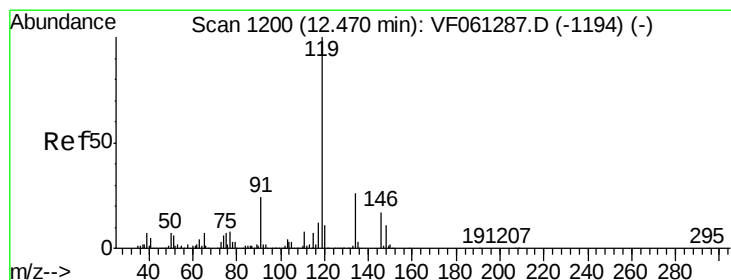
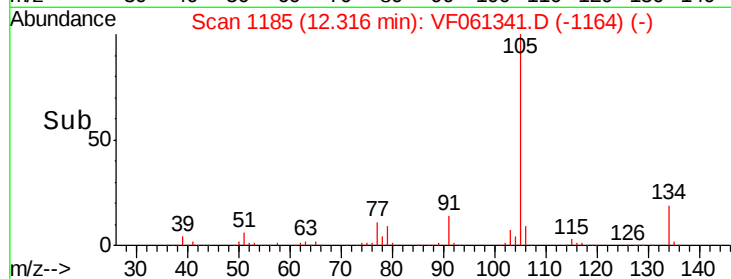
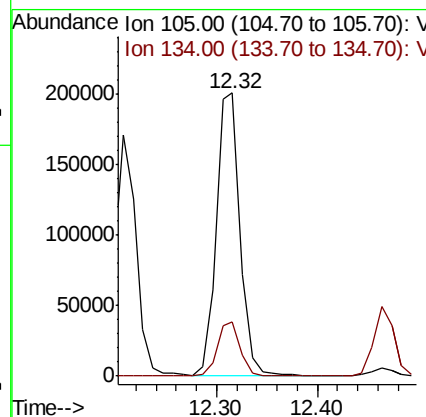
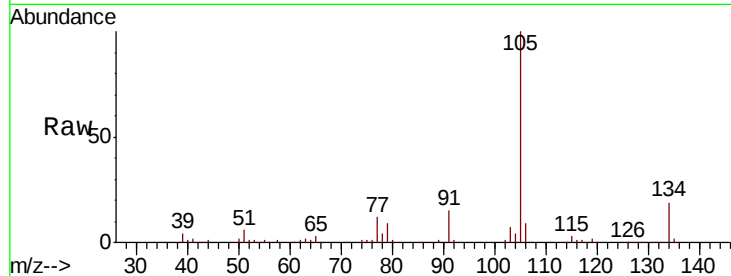
Abundance Ion 105.00 (104.70 to 105.70): V
 Ion 120.00 (119.70 to 120.70): V





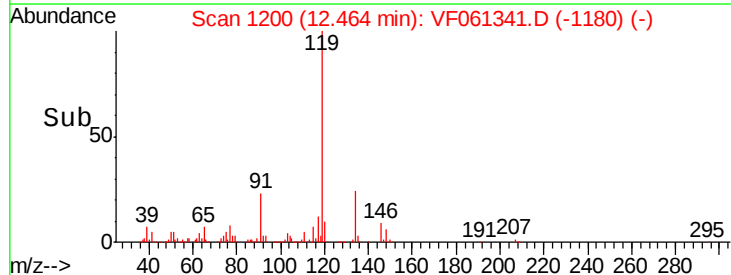
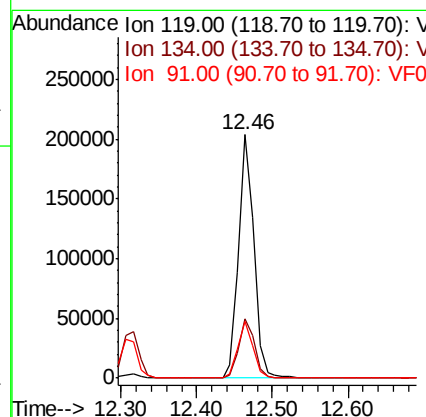
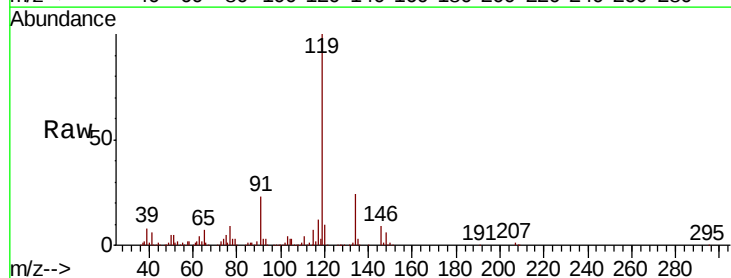
#85
 sec-Butylbenzene
 Concen: 19.271 ug/l
 RT: 12.32 min Scan# 1185
 Delta R.T. 0.00 min
 Lab File: VF061341.D
 Acq: 10 Jan 2019 13:53

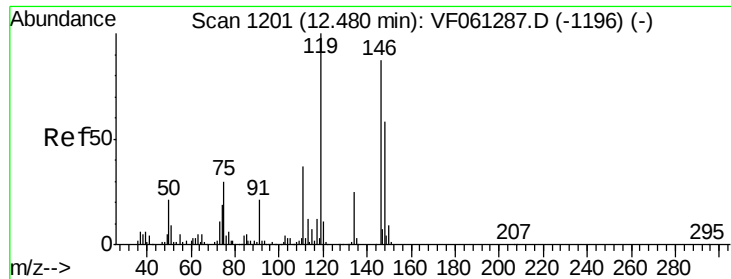
Tgt Ion:105 Resp: 329247
 Ion Ratio Lower Upper
 105 100
 134 19.3 9.7 28.9



#86
 p-Isopropyltoluene
 Concen: 20.342 ug/l
 RT: 12.46 min Scan# 1200
 Delta R.T. -0.01 min
 Lab File: VF061341.D
 Acq: 10 Jan 2019 13:53

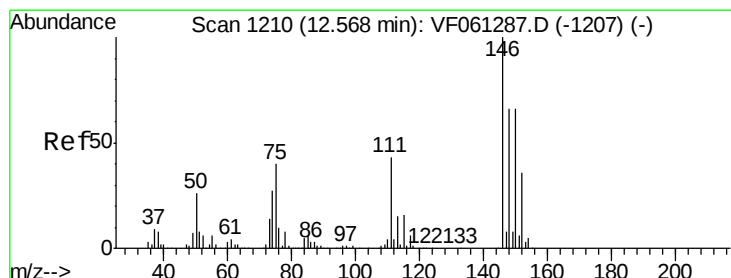
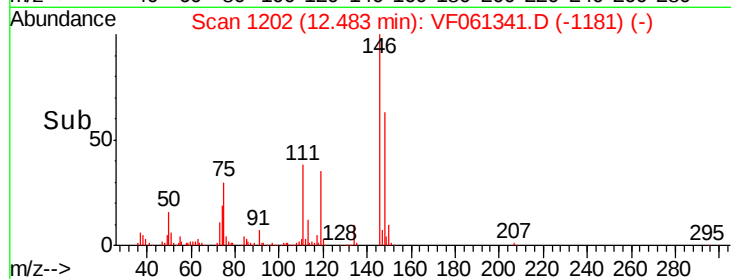
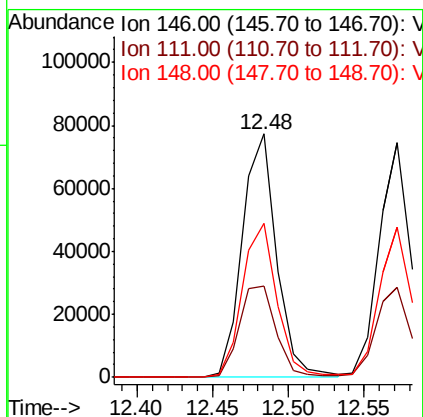
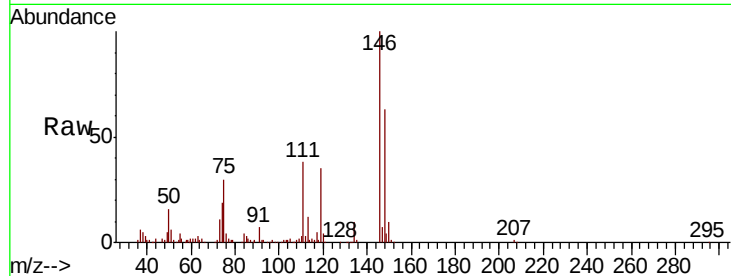
Tgt Ion:119 Resp: 282688
 Ion Ratio Lower Upper
 119 100
 134 24.4 13.0 39.0
 91 23.3 12.2 36.4





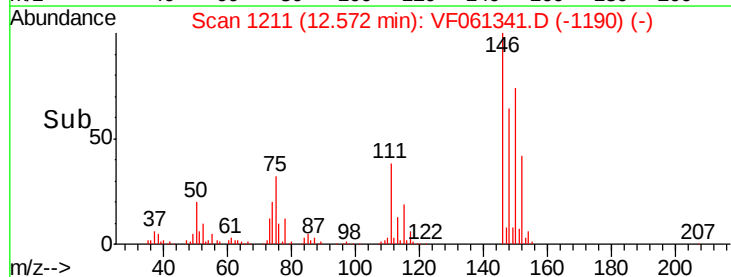
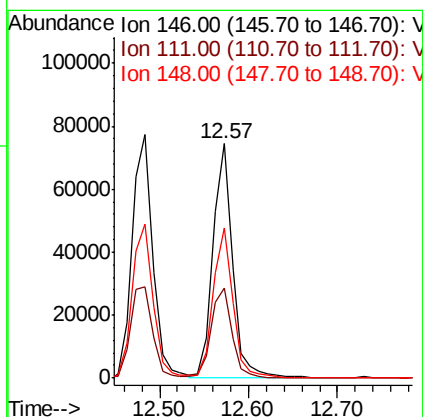
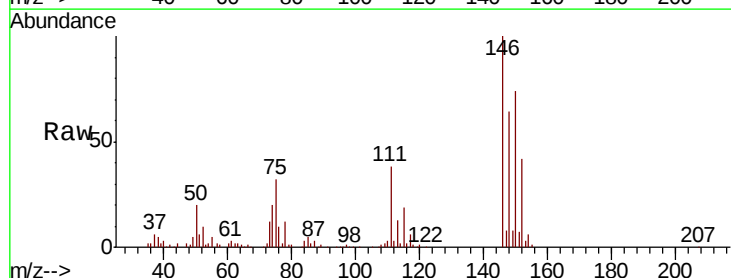
#87
 1,3-Dichlorobenzene
 Concen: 20.762 ug/l
 RT: 12.48 min Scan# 1202
 Delta R.T. 0.00 min
 Lab File: VF061341.D
 Acq: 10 Jan 2019 13:53

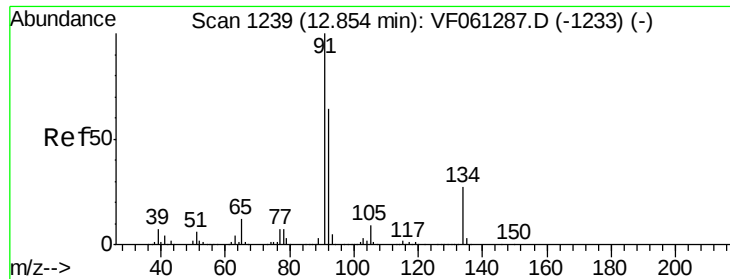
Tgt Ion:146 Resp: 122092
 Ion Ratio Lower Upper
 146 100
 111 37.5 21.1 63.3
 148 63.1 33.1 99.5



#88
 1,4-Dichlorobenzene
 Concen: 20.091 ug/l
 RT: 12.57 min Scan# 1211
 Delta R.T. 0.00 min
 Lab File: VF061341.D
 Acq: 10 Jan 2019 13:53

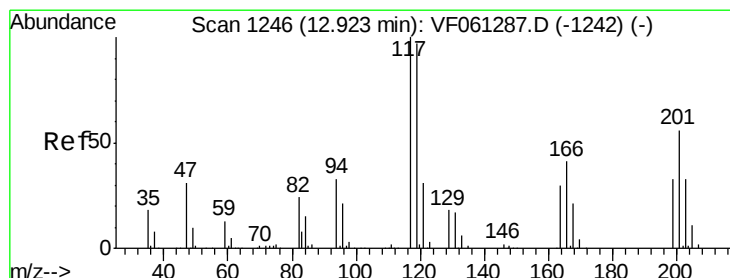
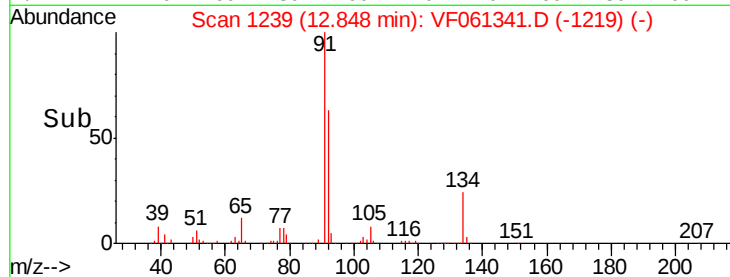
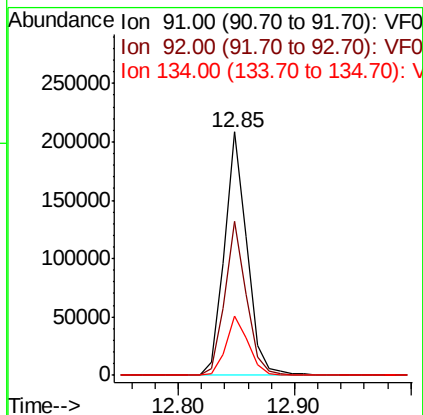
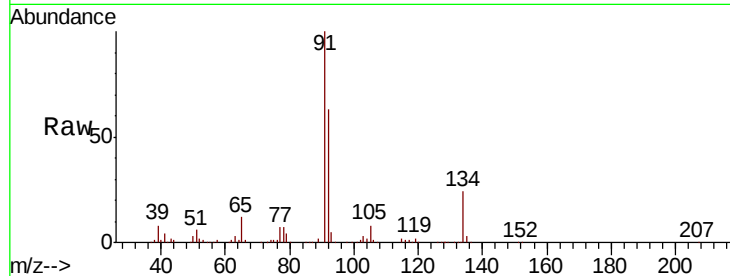
Tgt Ion:146 Resp: 113583
 Ion Ratio Lower Upper
 146 100
 111 38.3 21.4 64.2
 148 64.4 33.0 98.9





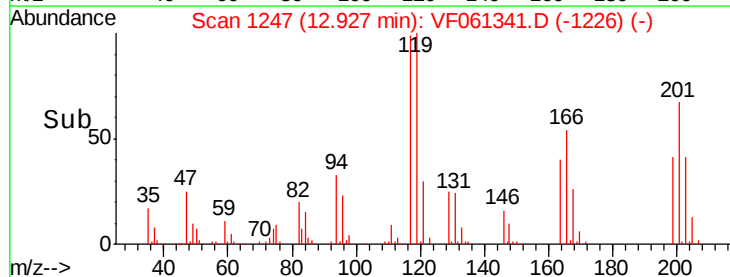
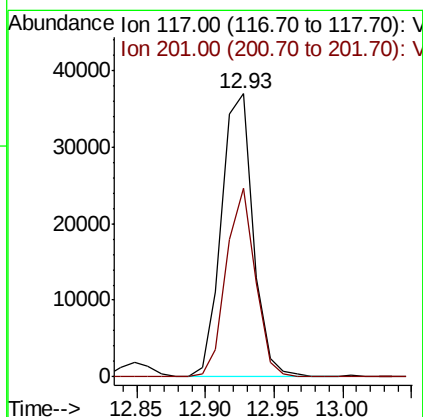
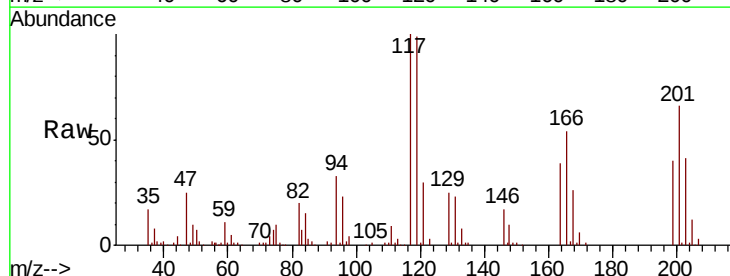
#89
n-Butylbenzene
Concen: 19.520 ug/l
RT: 12.85 min Scan# 1239
Delta R.T. -0.01 min
Lab File: VF061341.D
Acq: 10 Jan 2019 13:53

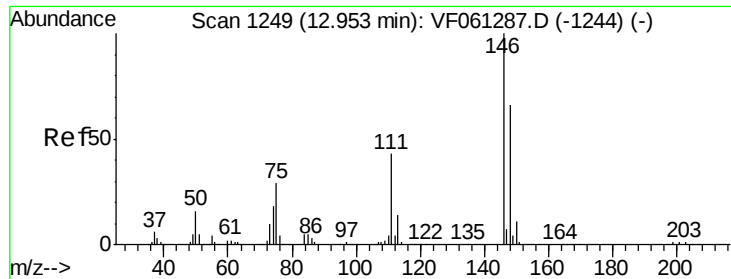
Tgt Ion: 91 Resp: 278719
Ion Ratio Lower Upper
91 100
92 63.1 32.1 96.3
134 24.1 13.4 40.1



#90
Hexachloroethane
Concen: 18.613 ug/l
RT: 12.93 min Scan# 1247
Delta R.T. 0.00 min
Lab File: VF061341.D
Acq: 10 Jan 2019 13:53

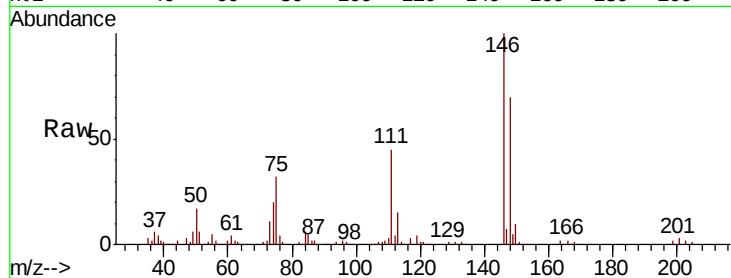
Tgt Ion: 117 Resp: 59168
Ion Ratio Lower Upper
117 100
201 67.8 27.9 83.7



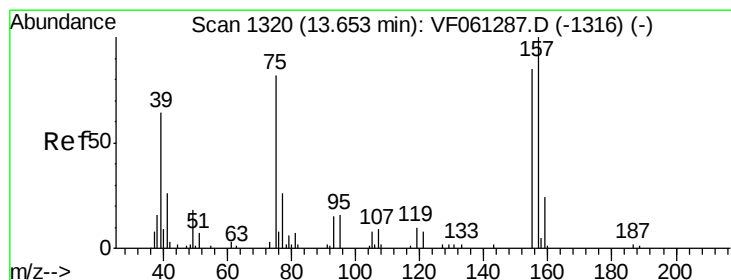
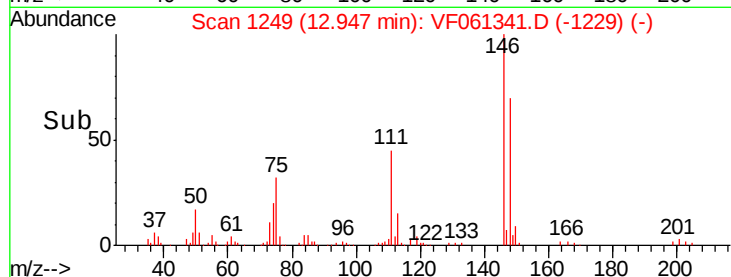
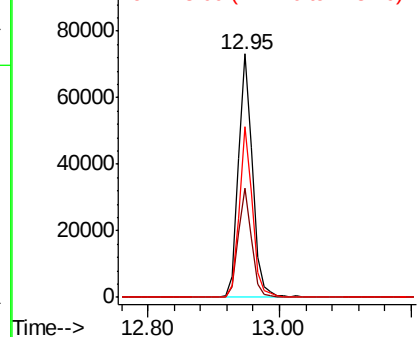


#91
 1,2-Dichlorobenzene
 Concen: 19.630 ug/l
 RT: 12.95 min Scan# 1249
 Delta R.T. -0.01 min
 Lab File: VF061341.D
 Acq: 10 Jan 2019 13:53

Tgt Ion:	146	Resp:	110177
Ion	Ratio	Lower	Upper
146	100		
111	44.9	21.4	64.3
148	69.9	33.1	99.2

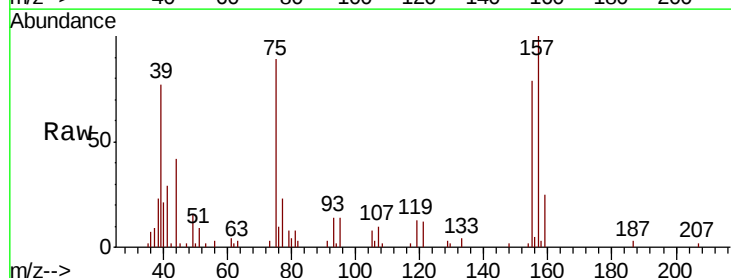


Abundance Ion 146.00 (145.70 to 146.70): V
 Ion 111.00 (110.70 to 111.70): V
 Ion 148.00 (147.70 to 148.70): V

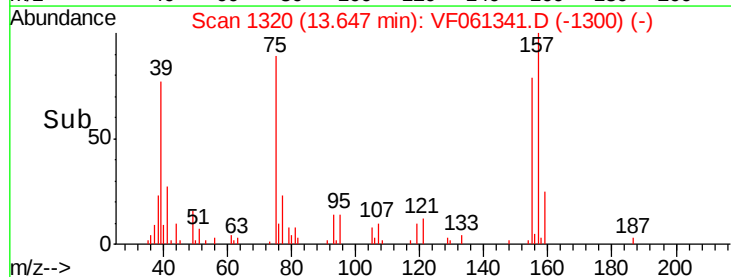
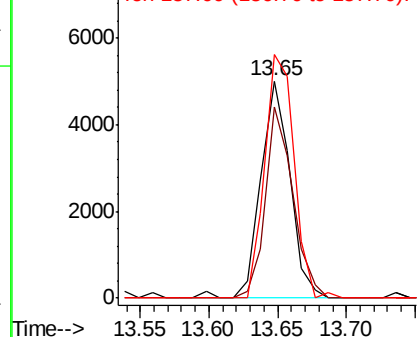


#92
 1,2-Dibromo-3-Chloropropane
 Concen: 18.301 ug/l
 RT: 13.65 min Scan# 1320
 Delta R.T. -0.01 min
 Lab File: VF061341.D
 Acq: 10 Jan 2019 13:53

Tgt Ion:	75	Resp:	7421
Ion	Ratio	Lower	Upper
75	100		
155	88.3	51.3	154.0
157	112.2	60.7	182.0



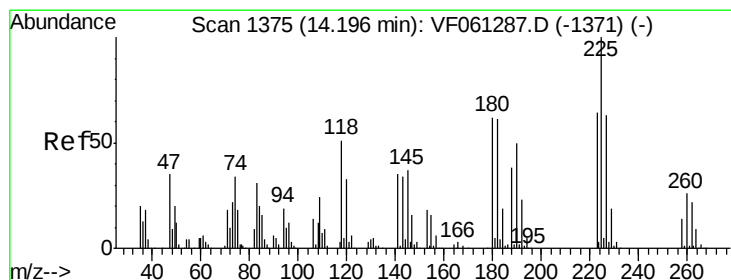
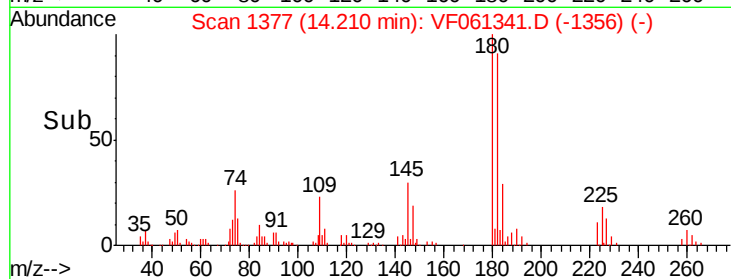
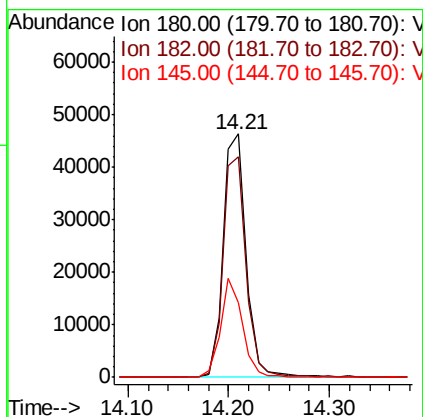
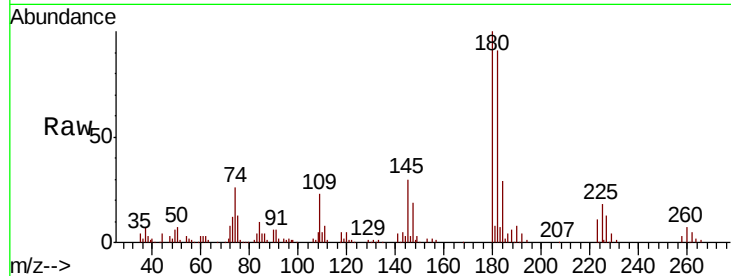
Abundance Ion 75.00 (74.70 to 75.70): VF0
 Ion 155.00 (154.70 to 155.70): V
 Ion 157.00 (156.70 to 157.70): V





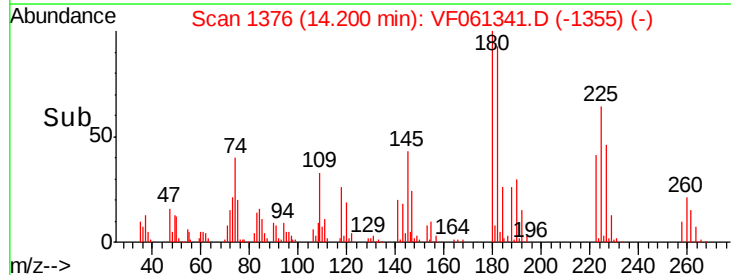
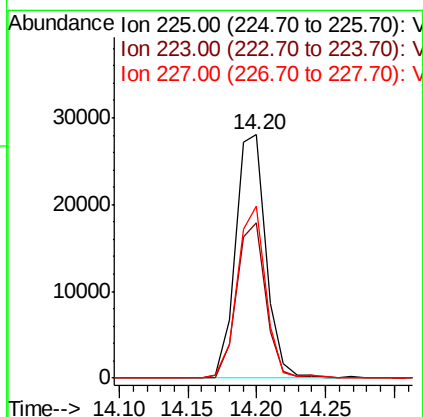
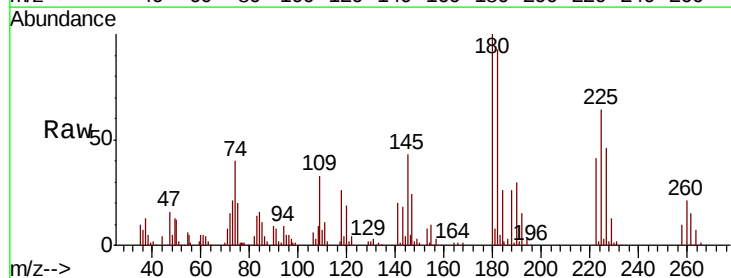
#93
 1,2,4-Trichlorobenzene
 Concen: 18.997 ug/l
 RT: 14.21 min Scan# 1377
 Delta R.T. 0.00 min
 Lab File: VF061341.D
 Acq: 10 Jan 2019 13:53

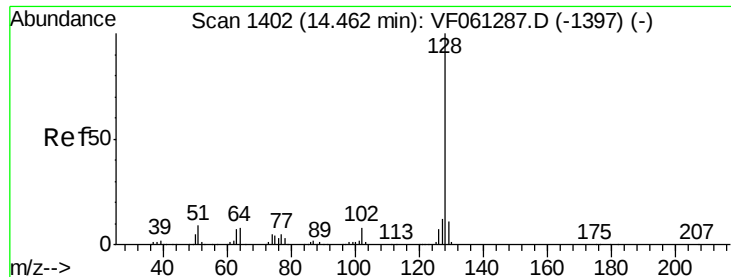
Tgt Ion:180 Resp: 73374
 Ion Ratio Lower Upper
 180 100
 182 90.6 47.0 141.2
 145 30.4 19.7 59.1



#94
 Hexachlorobutadiene
 Concen: 17.458 ug/l
 RT: 14.20 min Scan# 1376
 Delta R.T. 0.00 min
 Lab File: VF061341.D
 Acq: 10 Jan 2019 13:53

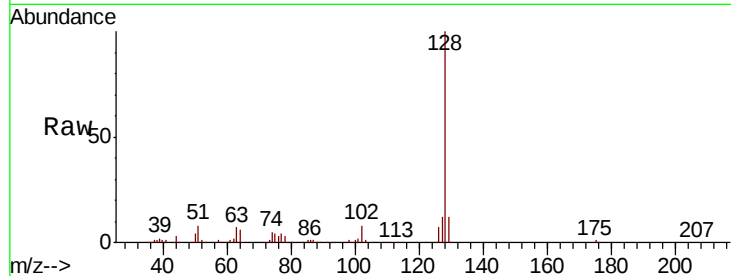
Tgt Ion:225 Resp: 43411
 Ion Ratio Lower Upper
 225 100
 223 63.6 31.8 95.4
 227 70.7 31.3 93.9



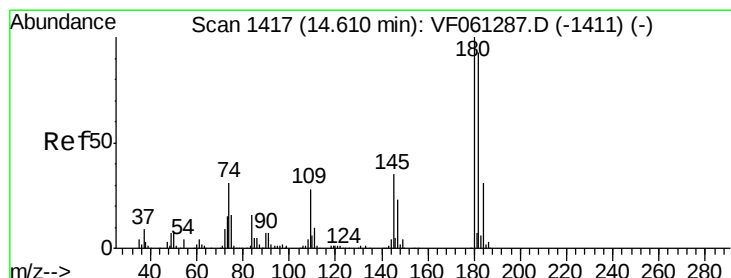
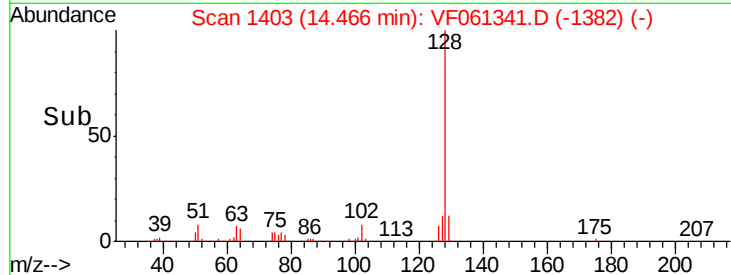
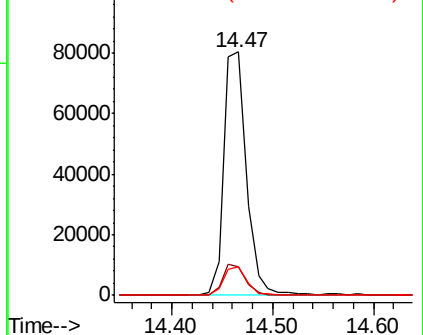


#95
Naphthalene
Concen: 17.394 ug/l
RT: 14.47 min Scan# 1403
Delta R.T. 0.00 min
Lab File: VF061341.D
Acq: 10 Jan 2019 13:53

Tgt Ion:128 Resp: 126608
Ion Ratio Lower Upper
128 100
127 11.5 9.4 14.0
129 11.6 8.8 13.2

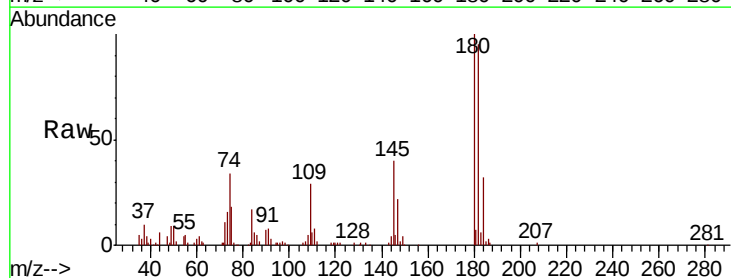


Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V



#96
1,2,3-Trichlorobenzene
Concen: 18.059 ug/l
RT: 14.60 min Scan# 1417
Delta R.T. -0.01 min
Lab File: VF061341.D
Acq: 10 Jan 2019 13:53

Tgt Ion:180 Resp: 65705
Ion Ratio Lower Upper
180 100
182 95.5 46.5 139.3
145 39.5 17.5 52.6



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

