

Data Path : Z:\VOASRV\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 00:45:59 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	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	4.85	65	115843	49.31	ug/l	0.00
Spiked Amount			Recovery	=	98.62%	
35) Dibromofluoromethane	4.12	113	131573	48.69	ug/l	0.00
Spiked Amount			Recovery	=	97.38%	
50) Toluene-d8	7.56	98	393746	49.24	ug/l	0.00
Spiked Amount			Recovery	=	98.48%	
62) 4-Bromofluorobenzene	11.42	95	173684	49.74	ug/l	0.00
Spiked Amount			Recovery	=	99.48%	

Target Compounds	R.T.	QIon	Response	Conc	Units	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	1.91	142	68163m	15.685	ug/l	
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	2.35	43	18927m	17.602	ug/l	
19) Methyl tert-butyl Ether	2.43	73	67539	15.979	ug/l	97
20) Methylene Chloride	2.19	84	35233m	15.238	ug/l	
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	78434m	16.478	ug/l	
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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 Quant Method : Z:\HPCHEM1\MSVOA_F\METHODS\82F010819S.M
 Quant Title : SW846 8260
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 Response via : Initial Calibration

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	12733m	16.554	ug/l	
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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ALS Vial : 5 Sample Multiplier: 1

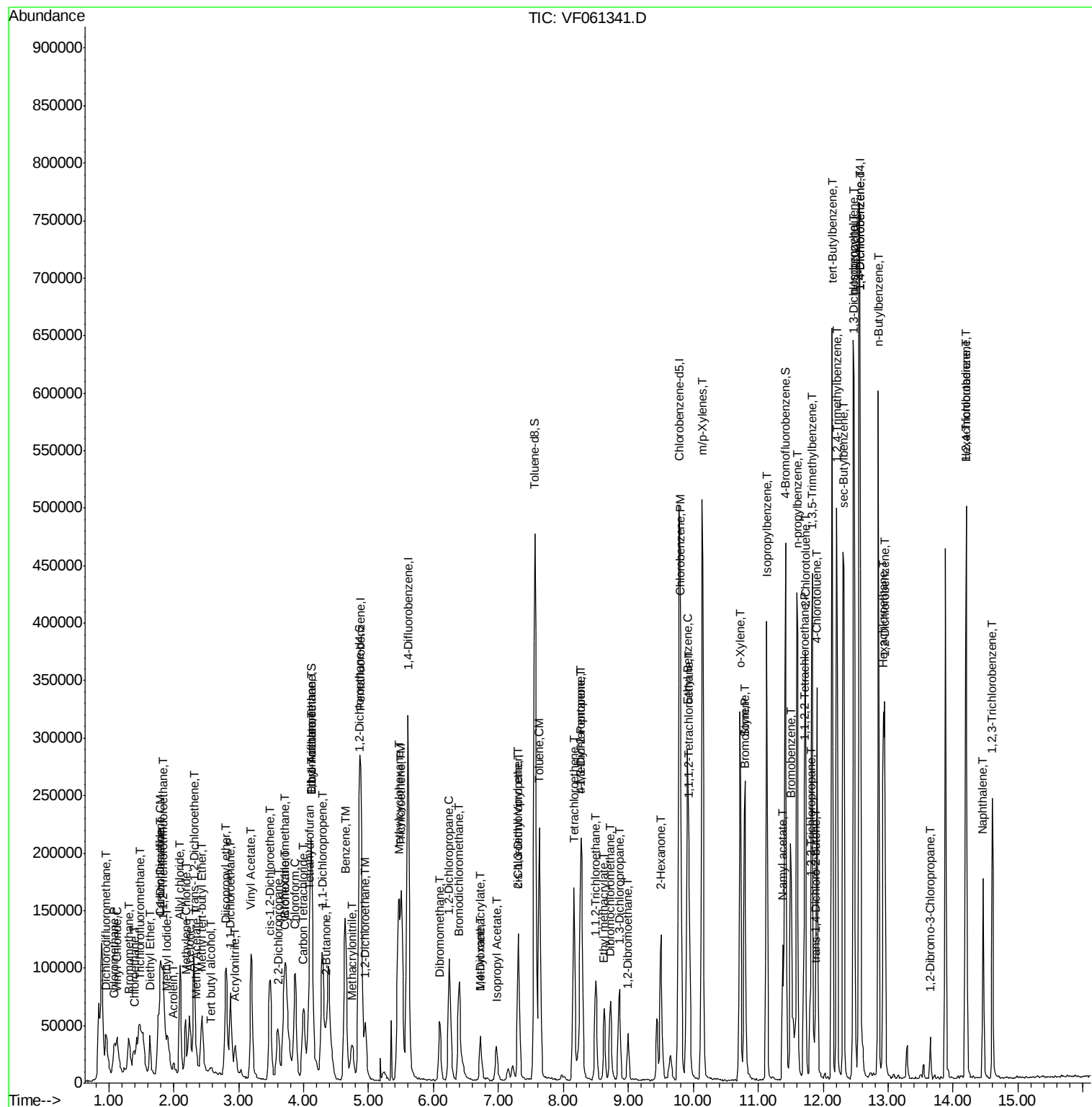
Quant Time: Jan 11 00:45:59 2019
Quant Method : Z:\HPCHEM1\MSVOA_F\METHODS\82F010819S.M
Quant Title : SW846 8260
QLast Update : Wed Jan 09 07:13:51 2019
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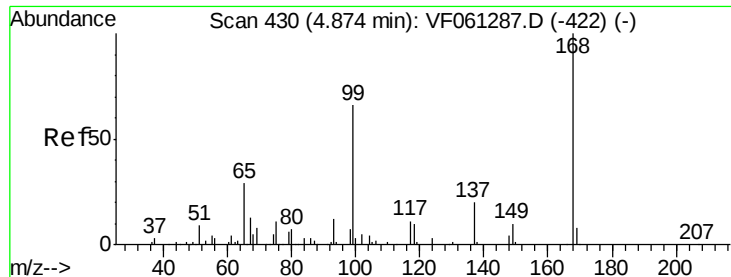
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.21	180	73374	18.997	ug/l	93
94) Hexachlorobutadiene	14.20	225	43411	17.458	ug/l	95
95) Naphthalene	14.47	128	126608	17.394	ug/l	99
96) 1,2,3-Trichlorobenzene	14.60	180	65705	18.059	ug/l	96

(#) = 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

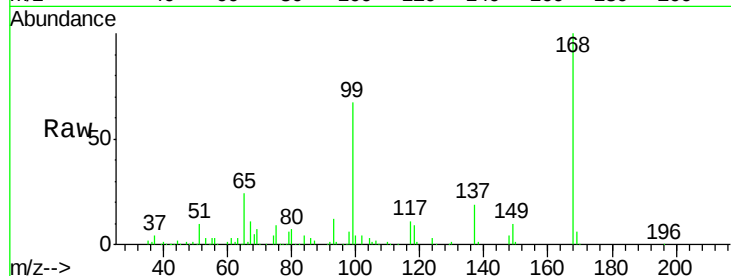
Acq: 10 Jan 2019 13:53

Tot 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

Ion 99.00 (98.70 to 99.70): VF0

4.88

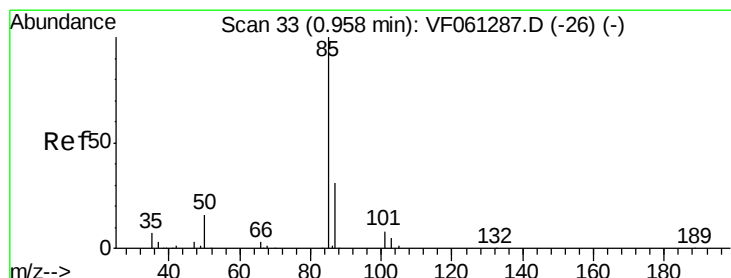
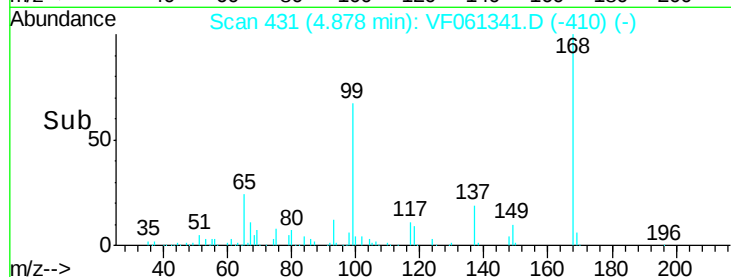
60000

40000

20000

0

Time--> 4.70 4.80 4.90 5.00 5.10



#2

Dichlorodifluoromethane

Concen: 17.449 ug/l

RT: 0.96 min Scan# 34

Delta R.T. 0.00 min

Lab File: VF061341.D

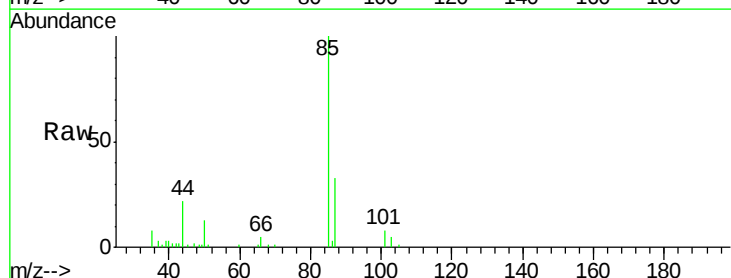
Acq: 10 Jan 2019 13:53

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

Ion 87.00 (86.70 to 87.70): VF0

0.96

20000

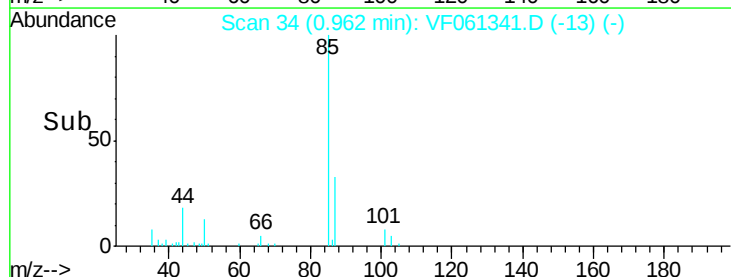
15000

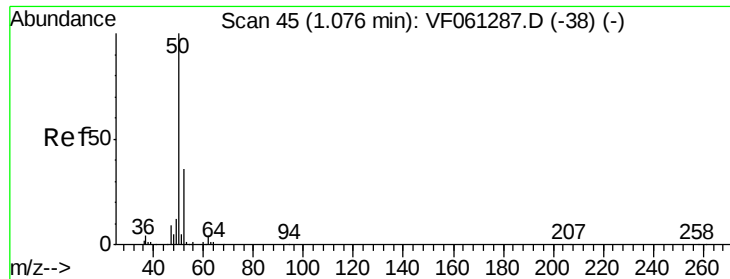
10000

5000

0

Time--> 0.80 0.90 1.00 1.10 1.20





#3

Chloromethane

Concen: 16.233 ug/l

RT: 1.09 min Scan# 47

Delta R.T. 0.01 min

Lab File: VF061341.D

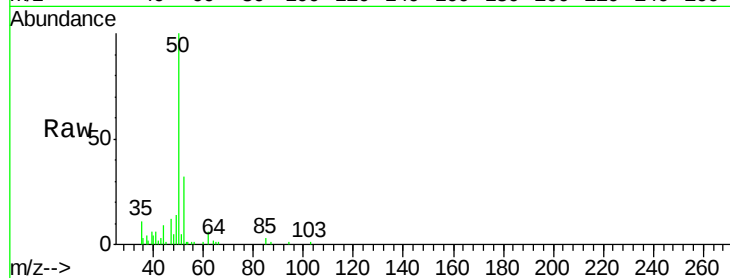
Acq: 10 Jan 2019 13:53

Tot Ion: 50 Resp: 56322

Ion Ratio Lower Upper

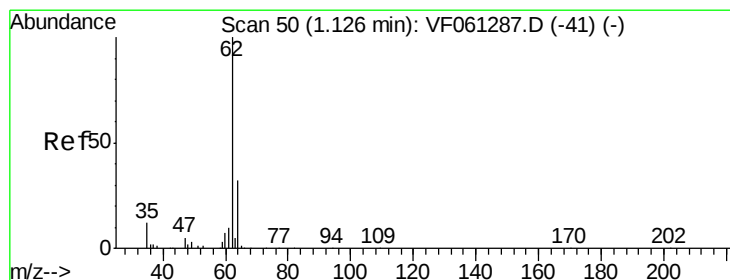
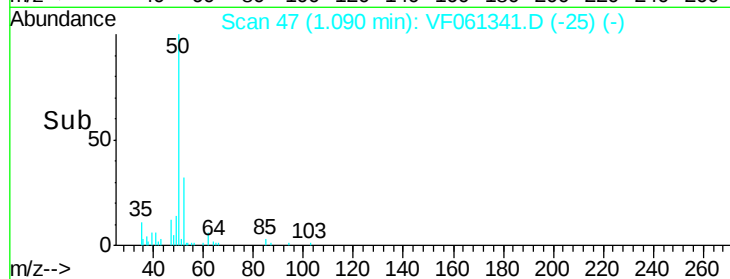
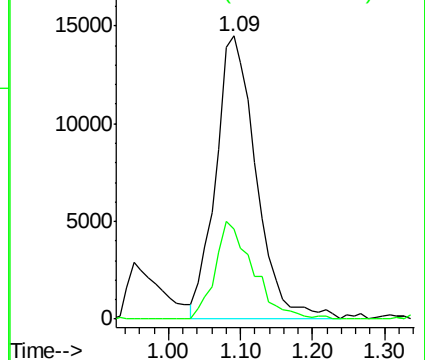
50 100

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

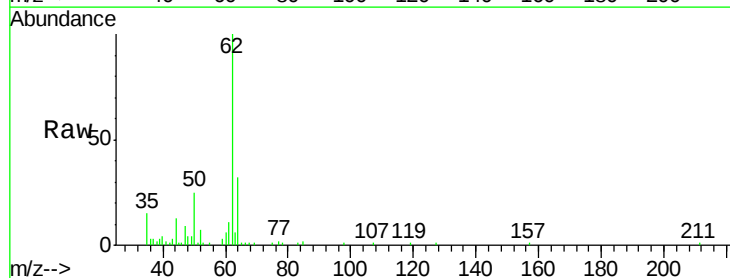
Acq: 10 Jan 2019 13:53

Tgt Ion: 62 Resp: 47638

Ion Ratio Lower Upper

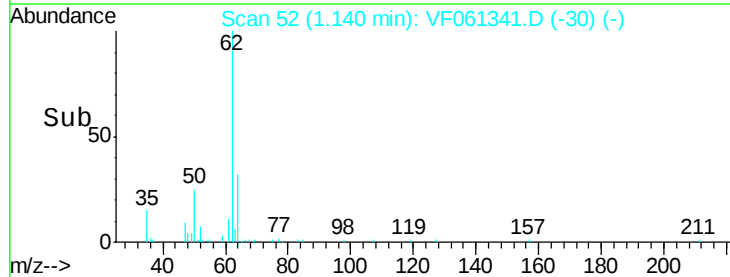
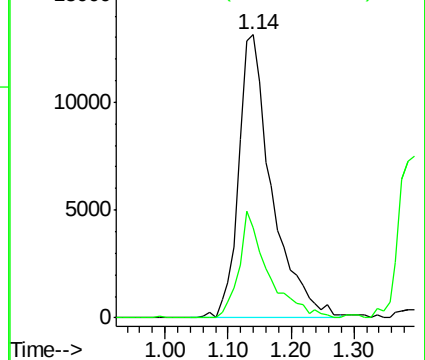
62 100

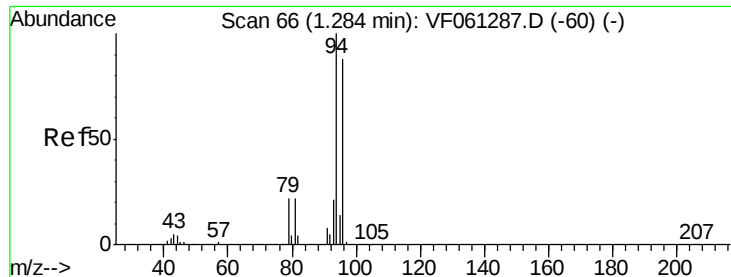
64 31.8 25.4 38.0



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

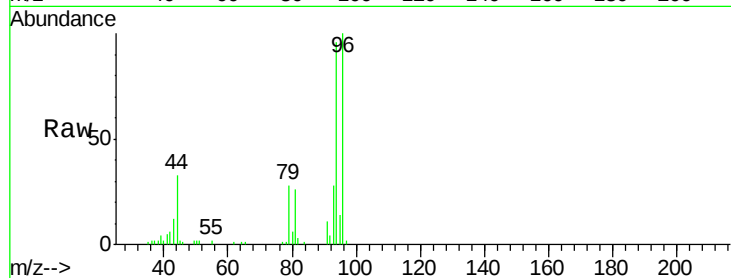
Acq: 10 Jan 2019 13:53

Tot Ion: 94 Resp: 31240

Ion Ratio Lower Upper

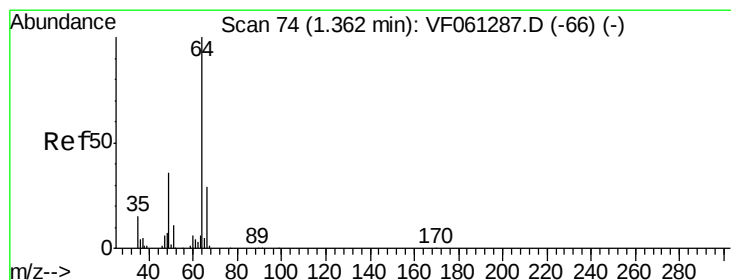
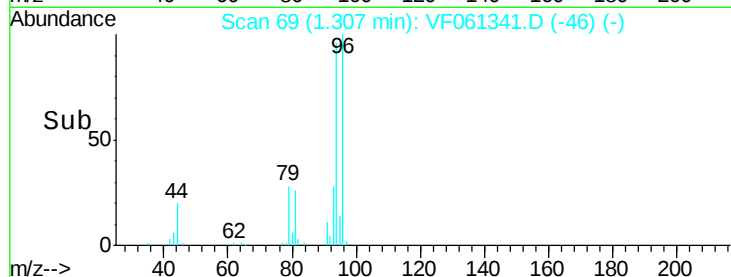
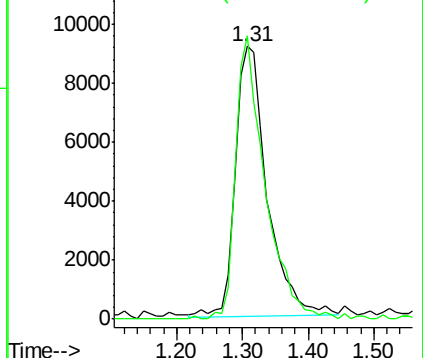
94 100

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

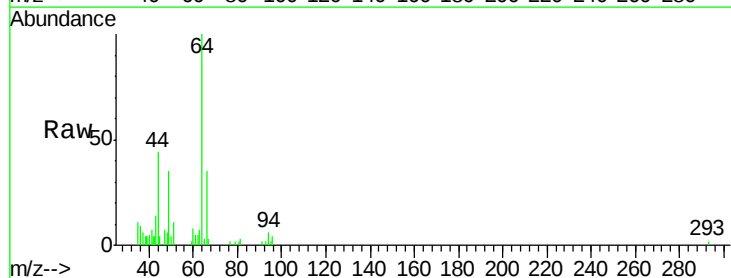
Acq: 10 Jan 2019 13:53

Tgt Ion: 64 Resp: 23443

Ion Ratio Lower Upper

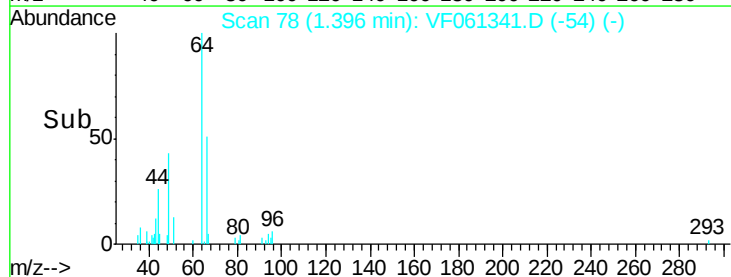
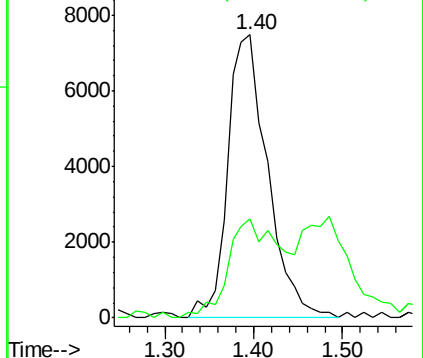
64 100

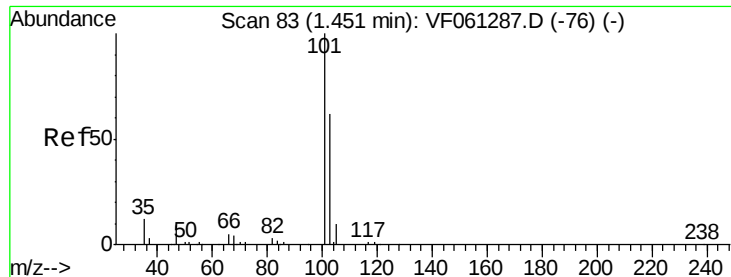
66 35.2 23.4 35.0#



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

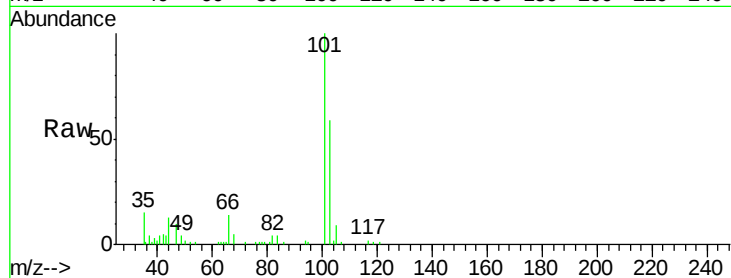
Acq: 10 Jan 2019 13:53

Tot Ion:101 Resp: 85723

Ion Ratio Lower Upper

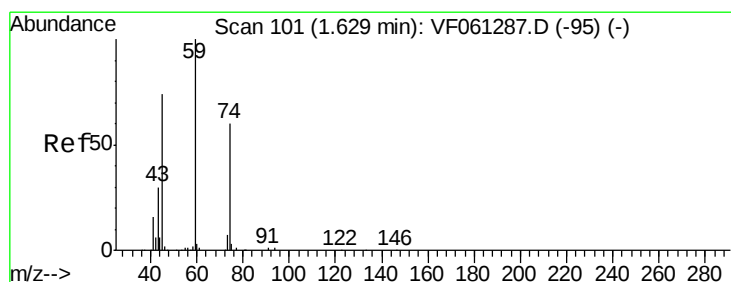
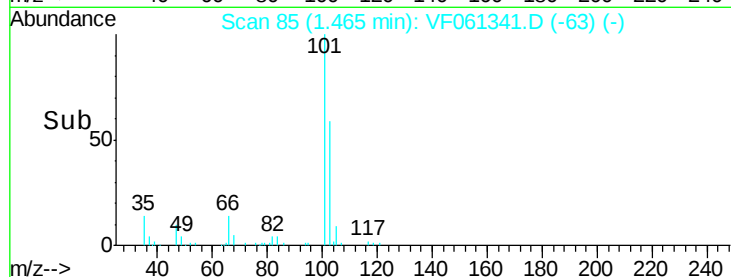
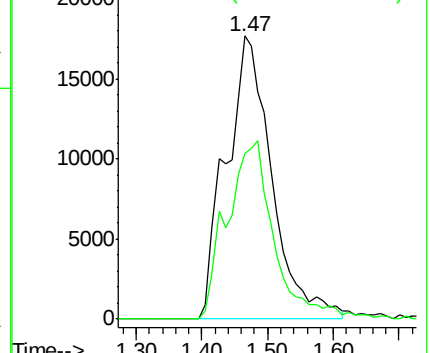
101 100

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

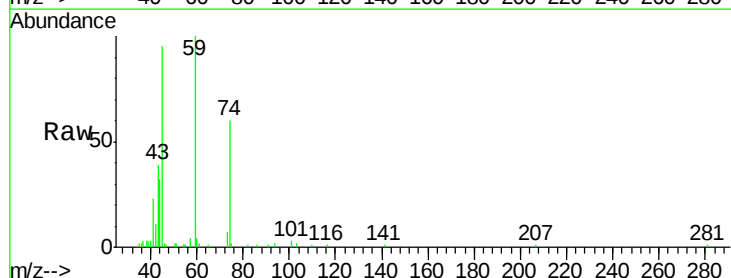
Acq: 10 Jan 2019 13:53

Tgt Ion: 74 Resp: 11460

Ion Ratio Lower Upper

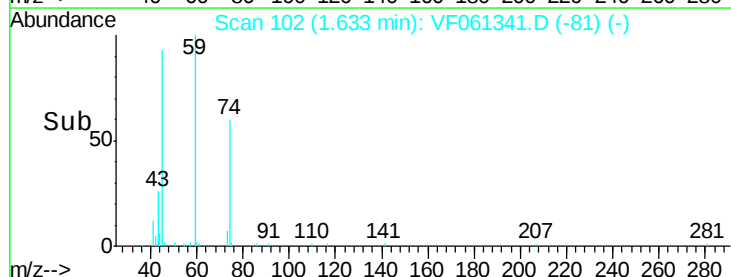
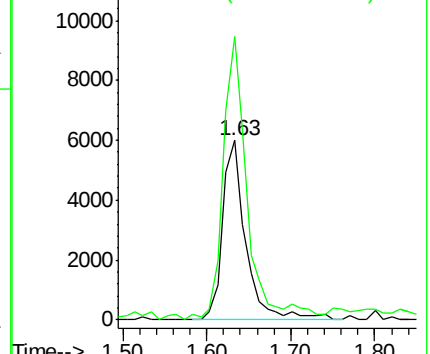
74 100

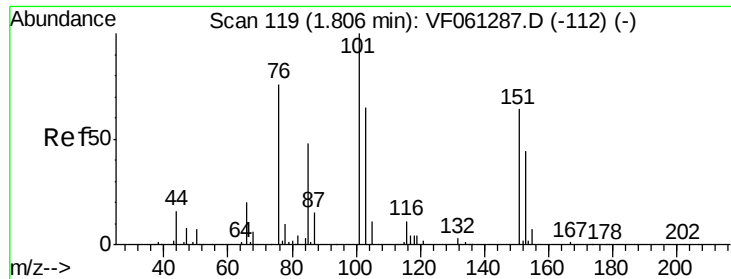
45 157.7 62.1 186.3



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

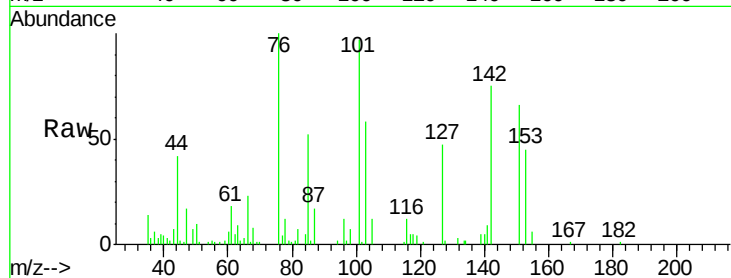
Tot Ion:101 Resp: 43654

Ion Ratio Lower Upper

101 100

85 53.1 38.4 57.6

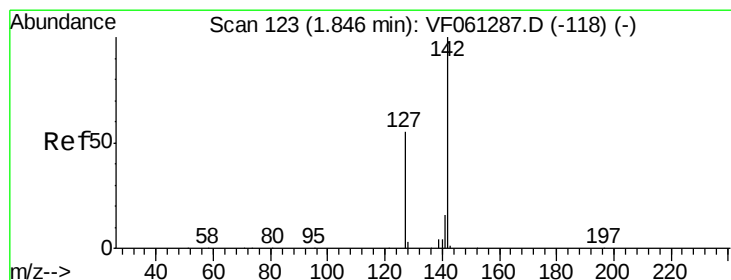
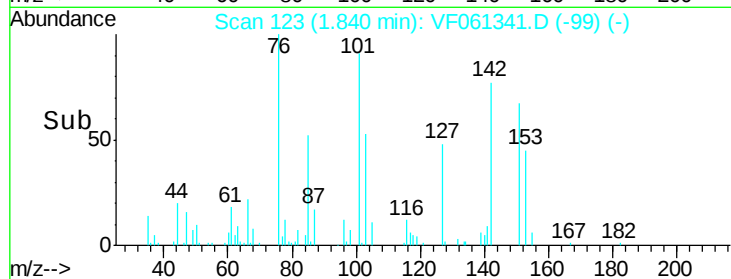
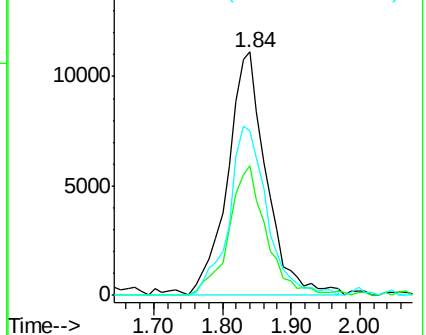
151 67.4 51.4 77.2



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: 15.685 ug/l m

RT: 1.91 min Scan# 130

Delta R.T. 0.06 min

Lab File: VF061341.D

Acq: 10 Jan 2019 13:53

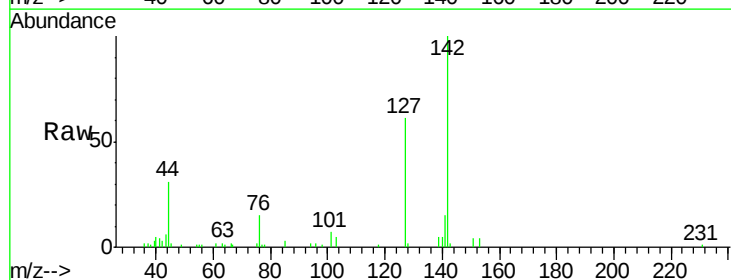
Tgt Ion:142 Resp: 68163

Ion Ratio Lower Upper

142 100

127 60.6 44.3 66.5

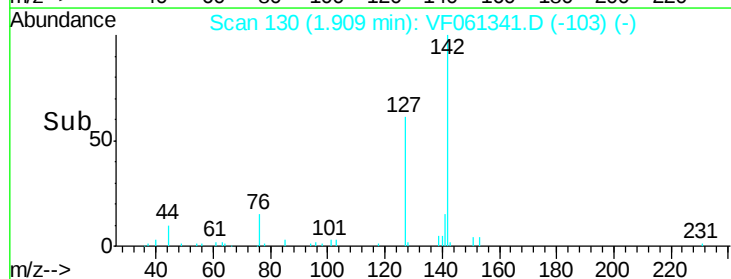
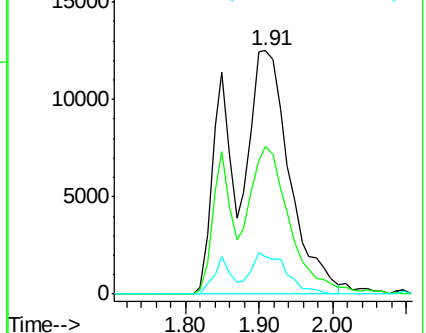
141 15.5 13.2 19.8

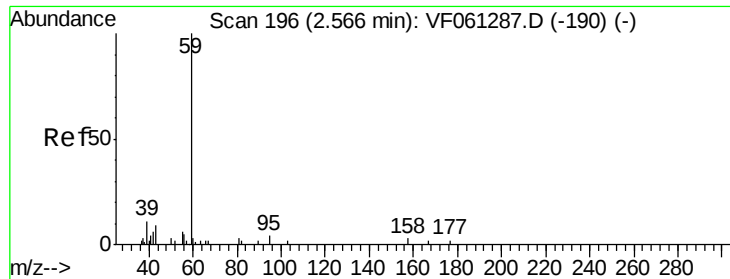


Abundance Ion 142.00 (141.70 to 142.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 141.00 (140.70 to 141.70): V

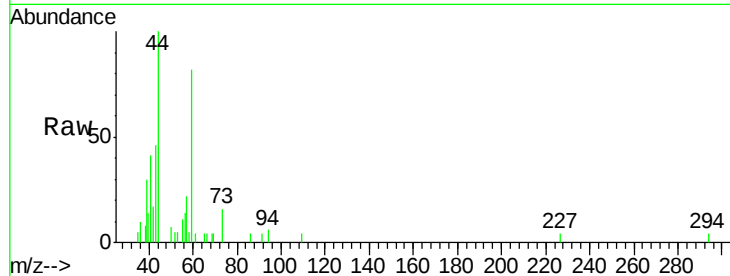




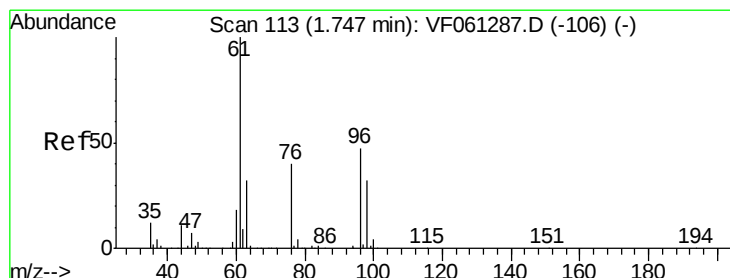
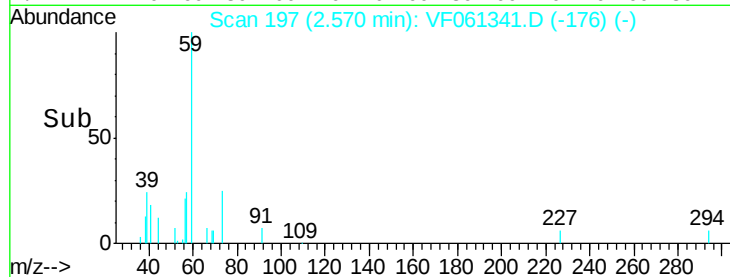
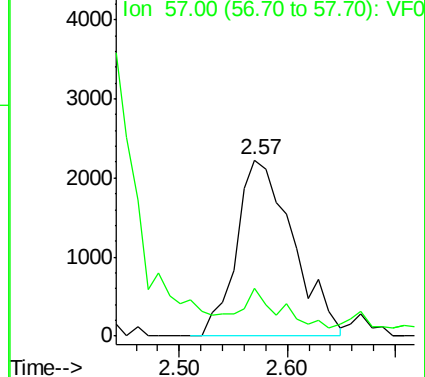
#11

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

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



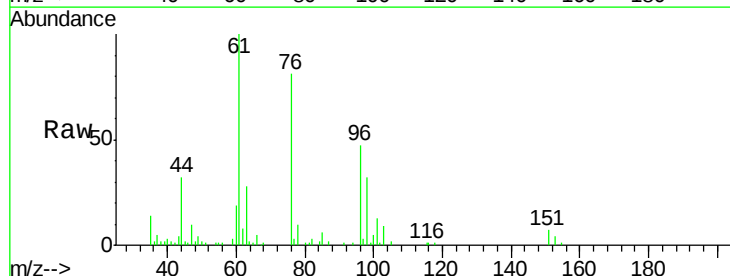
Abundance Ion 59.00 (58.70 to 59.70): VF0
Ion 57.00 (56.70 to 57.70): VF0



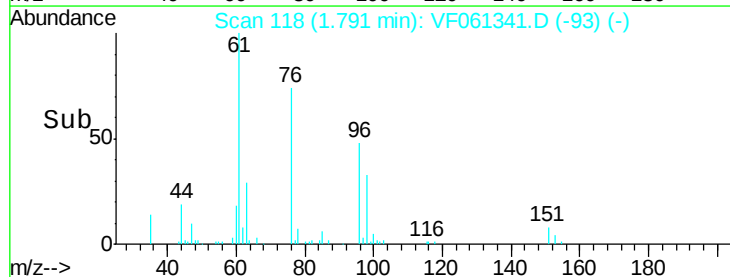
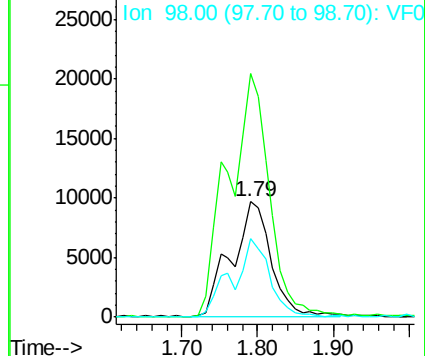
#12

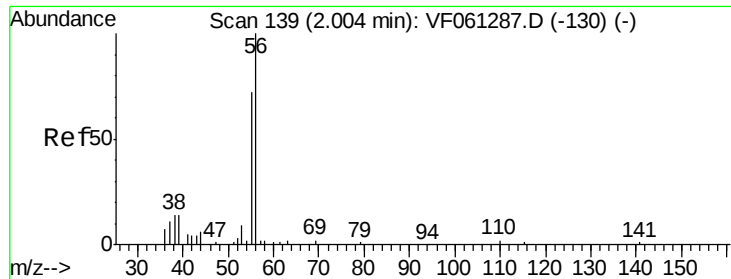
1,1-Dichloroethene
Concen: 16.179 ug/l
RT: 1.79 min Scan# 118
Delta R.T. 0.04 min
Lab File: VF061341.D
Acq: 10 Jan 2019 13:53

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



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





#13

Acrolein

Concen: 58.058 ug/l

RT: 2.01 min Scan# 140

Delta R.T. 0.00 min

Lab File: VF061341.D

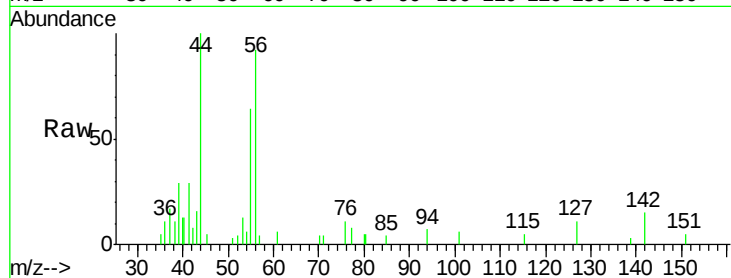
Acq: 10 Jan 2019 13:53

Tot Ion: 56 Resp: 7603

Ion Ratio Lower Upper

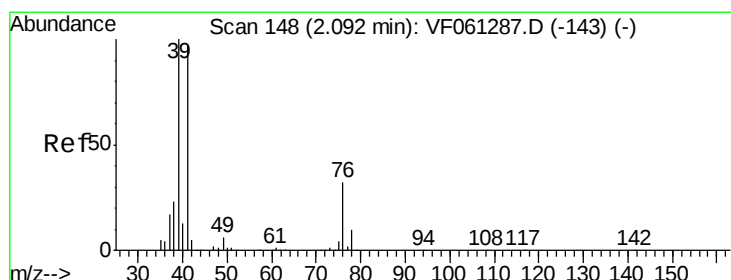
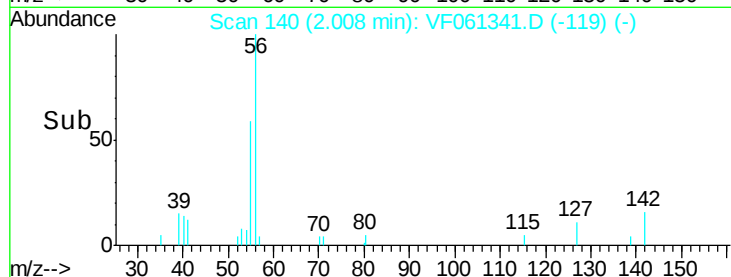
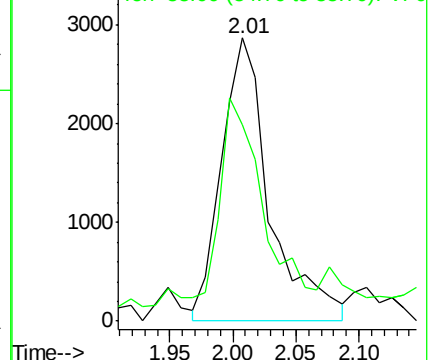
56 100

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

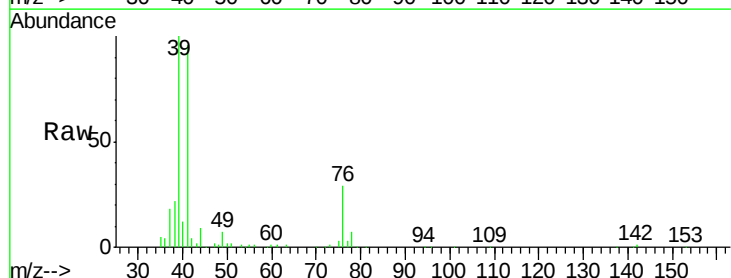
Tgt Ion: 41 Resp: 56708

Ion Ratio Lower Upper

41 100

39 103.8 82.6 123.8

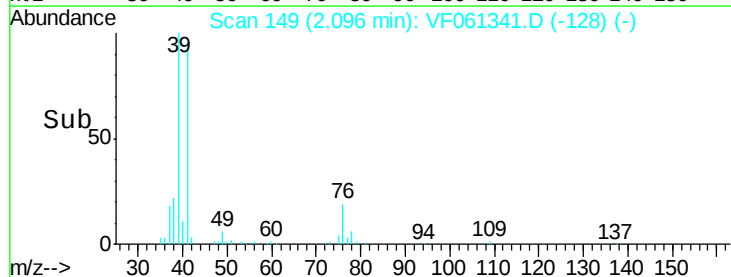
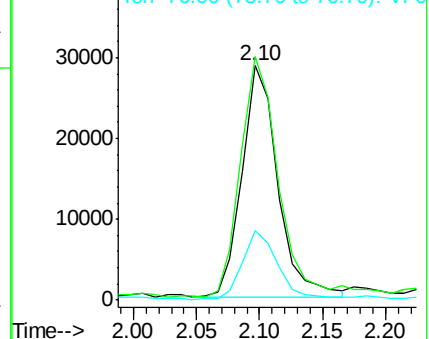
76 29.7 26.9 40.3

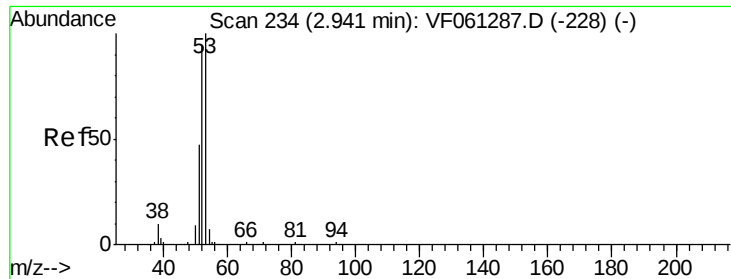


Abundance Ion 41.00 (40.70 to 41.70): VF0

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

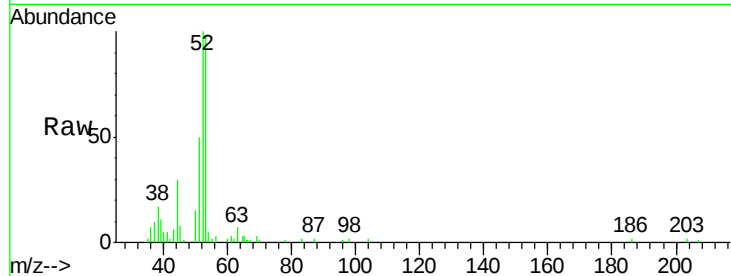
Tot Ion: 53 Resp: 25123

Ion Ratio Lower Upper

53 100

52 102.1 74.6 111.8

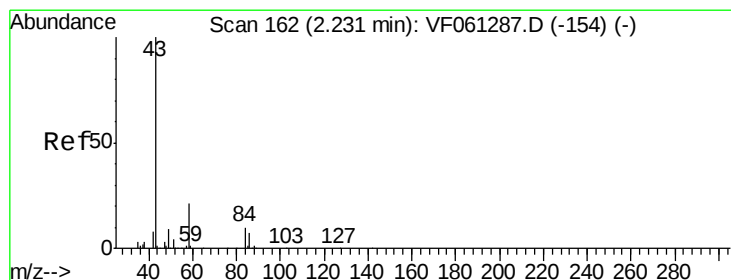
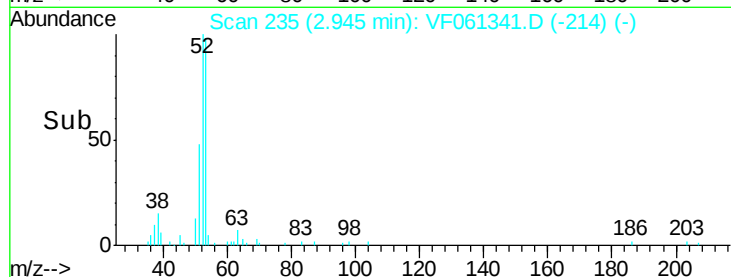
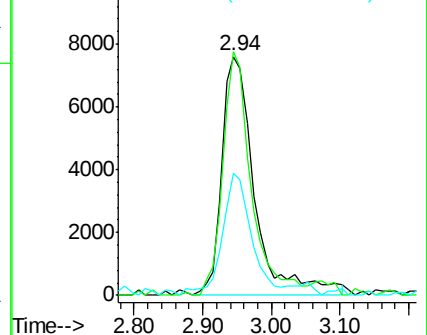
51 50.9 37.8 56.6



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

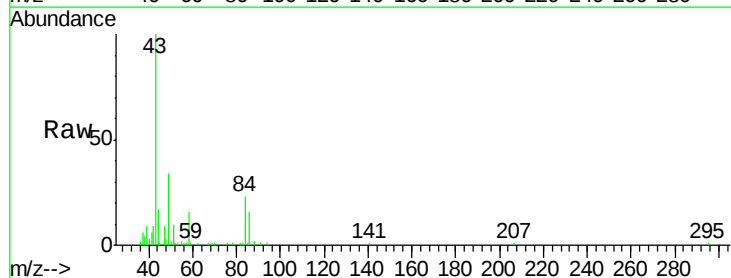
Acq: 10 Jan 2019 13:53

Tgt Ion: 43 Resp: 53238

Ion Ratio Lower Upper

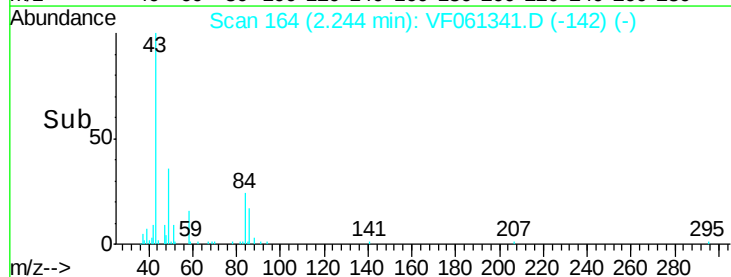
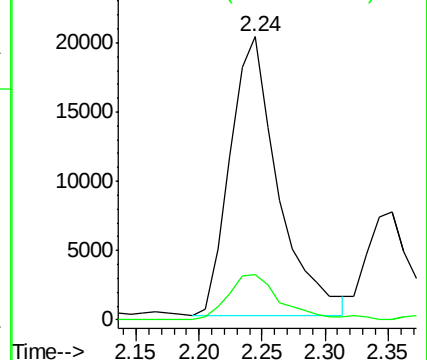
43 100

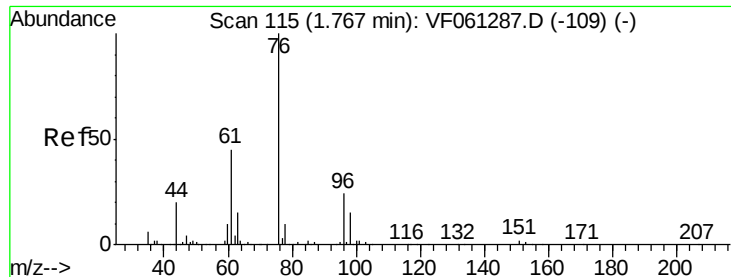
58 15.8 16.6 25.0#



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

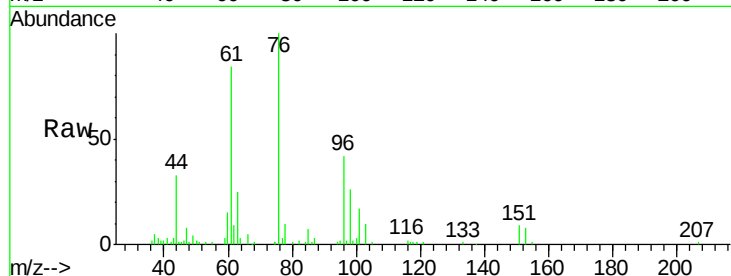
Acq: 10 Jan 2019 13:53

Tot Ion: 76 Resp: 106844

Ion Ratio Lower Upper

76 100

78 10.3 7.8 11.6



Abundance Ion 76.00 (75.70 to 76.70): VF0

Ion 78.00 (77.70 to 78.70): VF0

1.80

25000

20000

15000

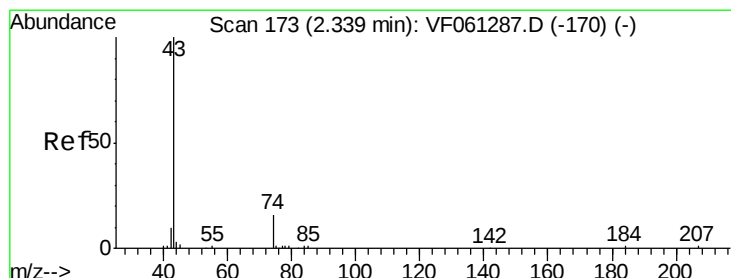
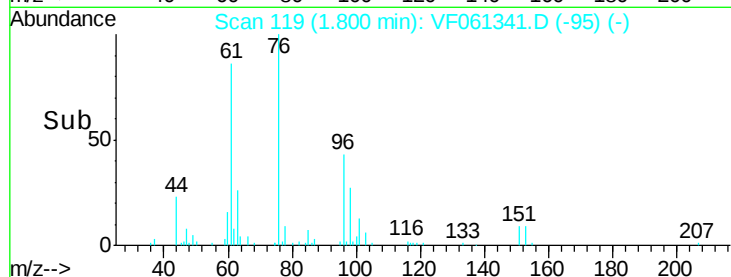
10000

5000

0

Time-->

1.60 1.70 1.80 1.90 2.00



#18

Methyl Acetate

Concen: 17.602 ug/l m

RT: 2.35 min Scan# 175

Delta R.T. 0.01 min

Lab File: VF061341.D

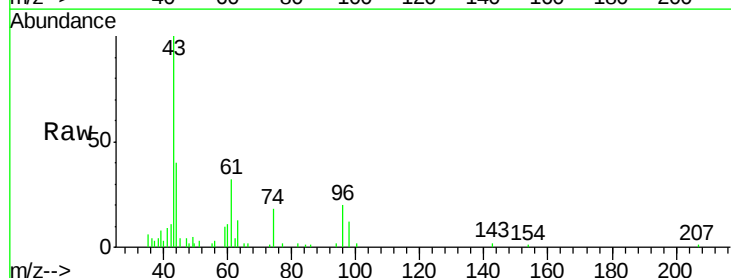
Acq: 10 Jan 2019 13:53

Tgt Ion: 43 Resp: 18927

Ion Ratio Lower Upper

43 100

74 18.2 11.6 17.4#



Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 74.00 (73.70 to 74.70): VF0

2.35

8000

6000

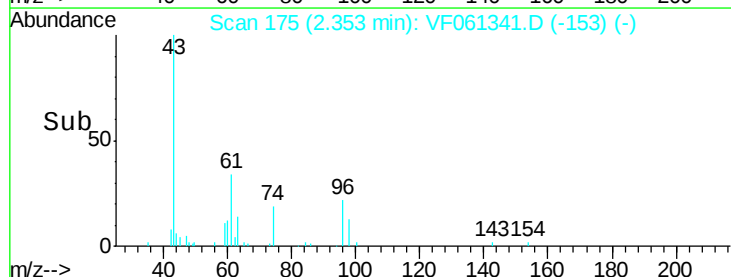
4000

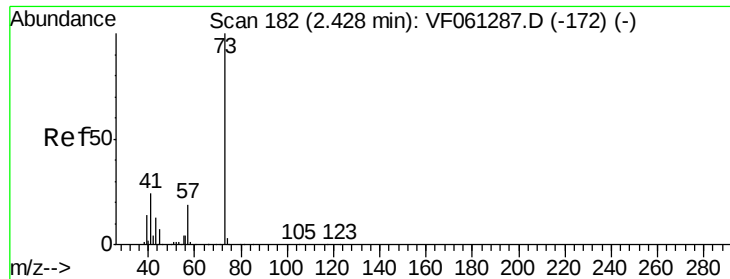
2000

0

Time-->

2.30 2.35 2.40

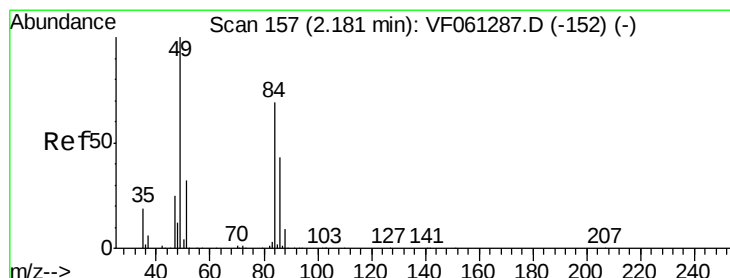
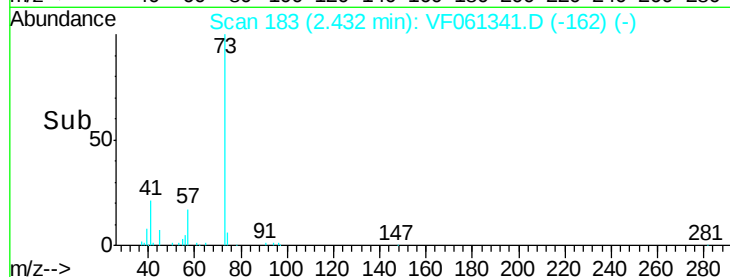
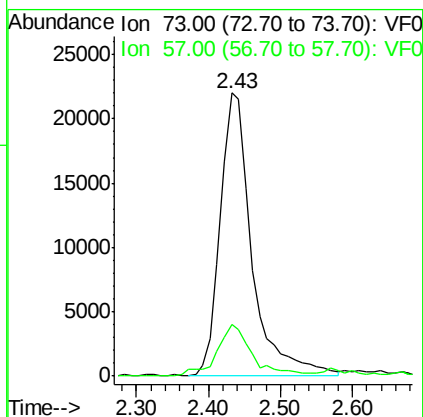
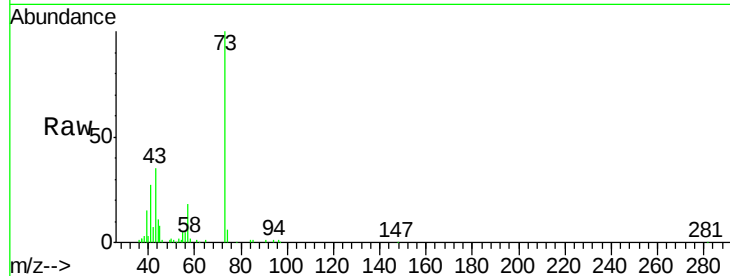




#19

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

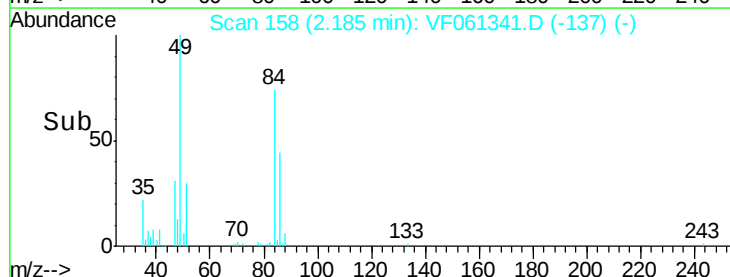
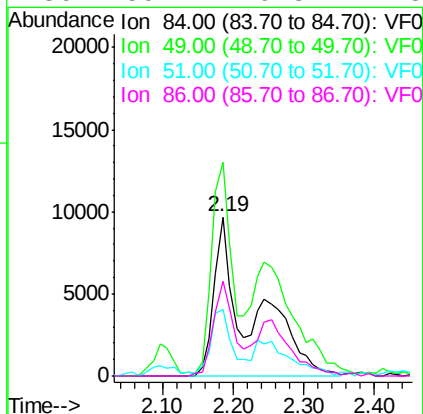
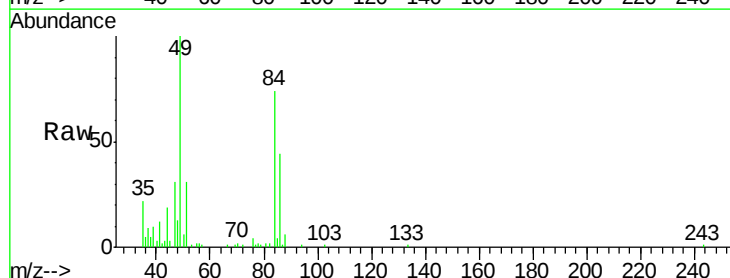
Tot Ion: 73 Resp: 67539
 Ion Ratio Lower Upper
 73 100
 57 18.1 15.5 23.3

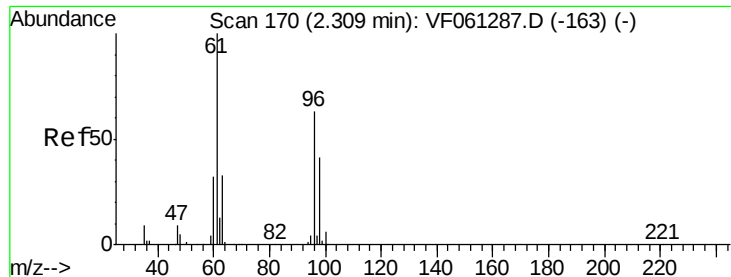


#20

Methylene Chloride
 Concen: 15.238 ug/l m
 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: 35233
 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

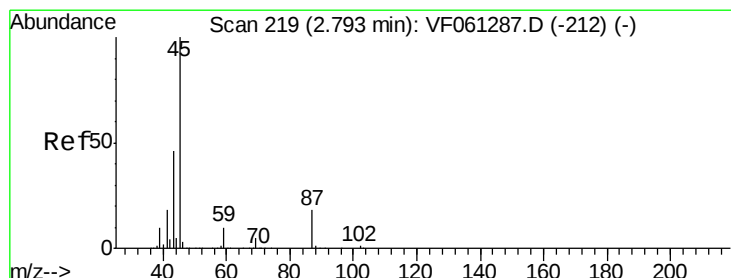
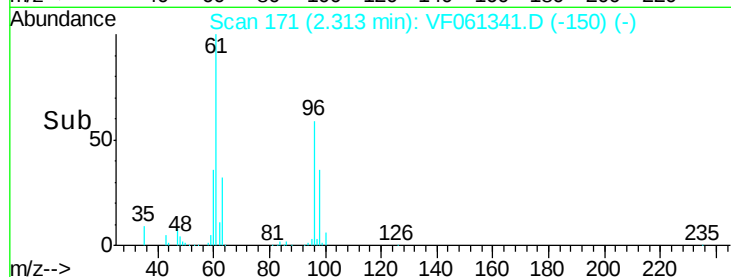
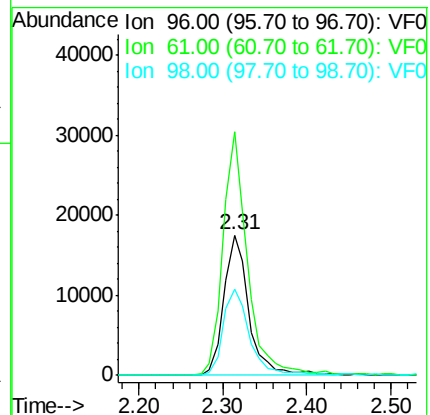
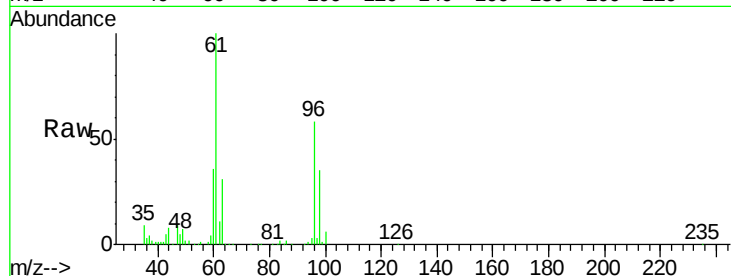
Tot Ion: 96 Resp: 36393

Ion Ratio Lower Upper

96 100

61 173.4 127.0 190.4

98 61.4 51.7 77.5



#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

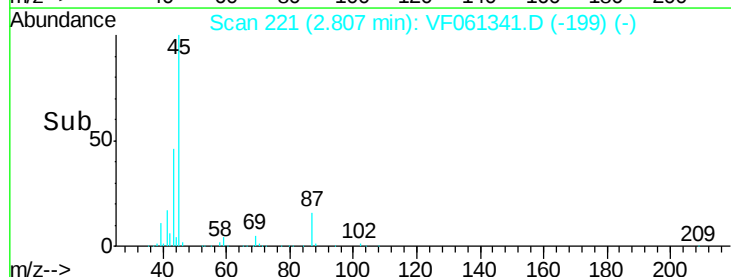
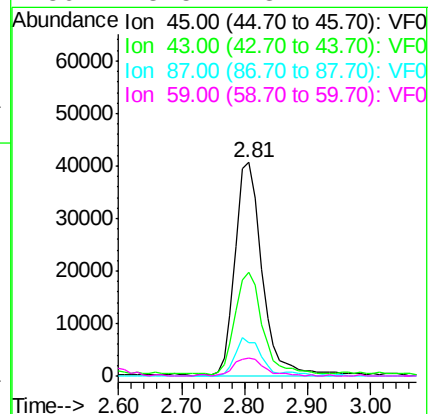
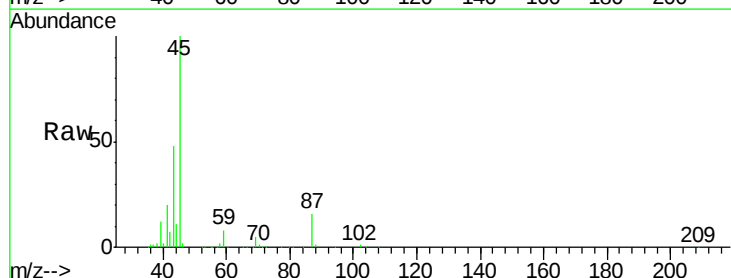
Ion Ratio Lower Upper

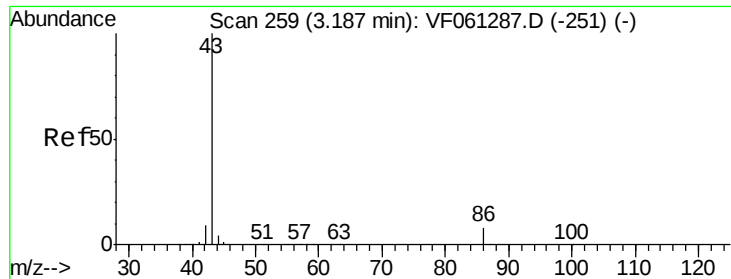
45 100

43 48.3 37.4 56.2

87 15.6 14.2 21.2

59 8.5 8.2 12.2





#23

Vinyl Acetate

Concen: 99.843 ug/l

RT: 3.19 min Scan# 260

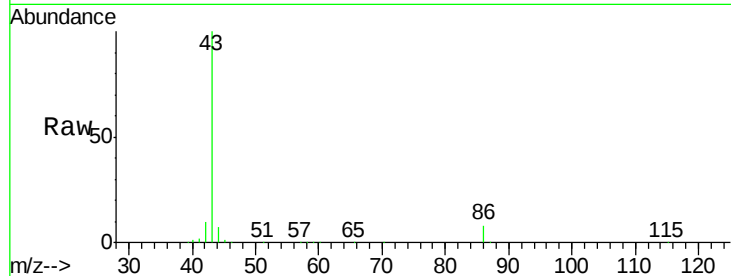
Delta R.T. 0.00 min

Lab File: VF061341.D

Acq: 10 Jan 2019 13:53

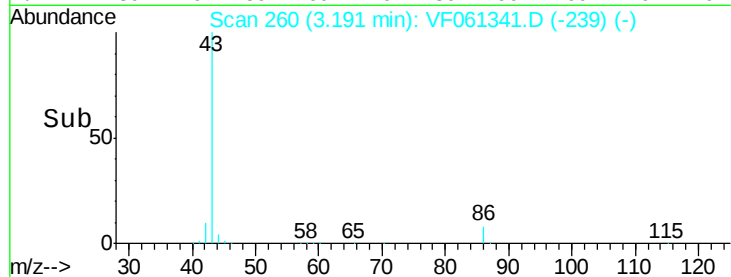
Tot Ion: 43 Resp: 229022

Ion	Ratio	Lower	Upper
43	100		
86	8.2	6.5	9.7

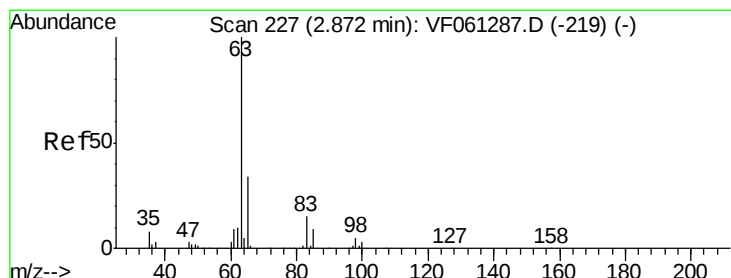


Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 86.00 (85.70 to 86.70): VF0



Time-->



#24

1,1-Dichloroethane

Concen: 16.472 ug/l

RT: 2.88 min Scan# 228

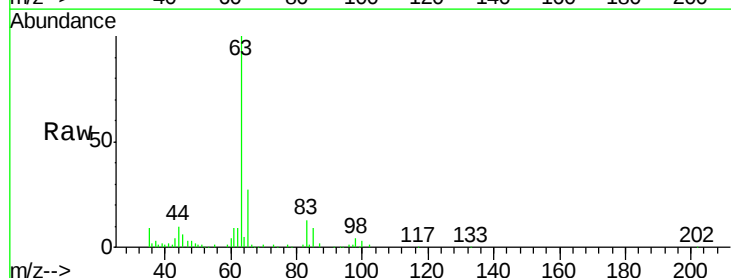
Delta R.T. 0.00 min

Lab File: VF061341.D

Acq: 10 Jan 2019 13:53

Tgt Ion: 63 Resp: 74736

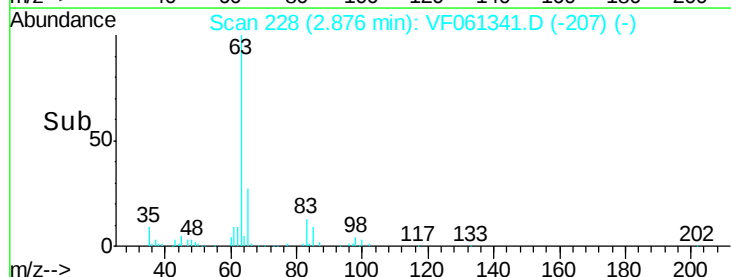
Ion	Ratio	Lower	Upper
63	100		
98	3.6	2.5	7.6
100	2.8	1.7	5.0



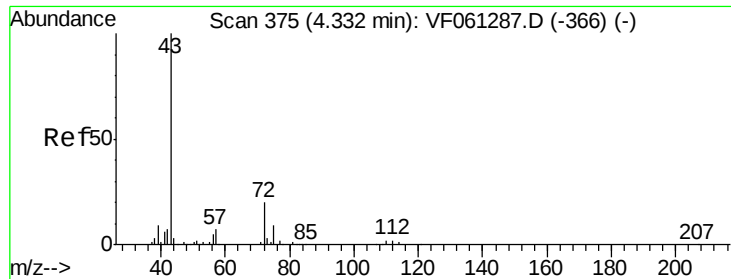
Abundance Ion 63.00 (62.70 to 63.70): VF0

Ion 98.00 (97.70 to 98.70): VF0

Ion 100.00 (99.70 to 100.70): VF0



Time-->



#25

2-Butanone

Concen: 96.372 ug/l

RT: 4.35 min Scan# 377

Delta R.T. 0.01 min

Lab File: VF061341.D

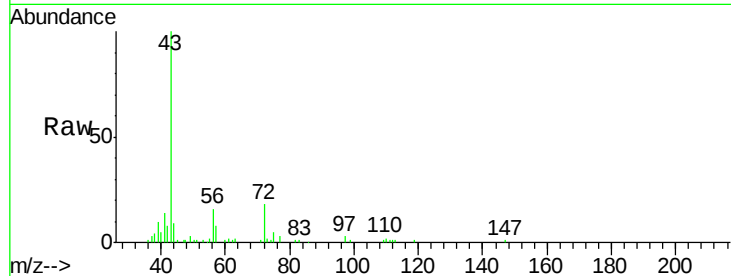
Acq: 10 Jan 2019 13:53

Tot Ion: 43 Resp: 84771

Ion Ratio Lower Upper

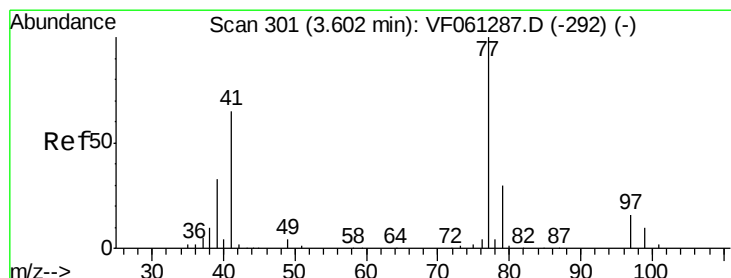
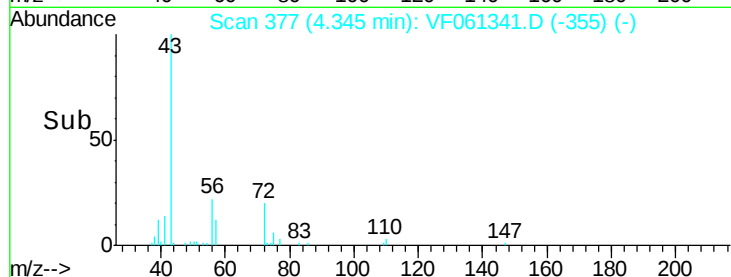
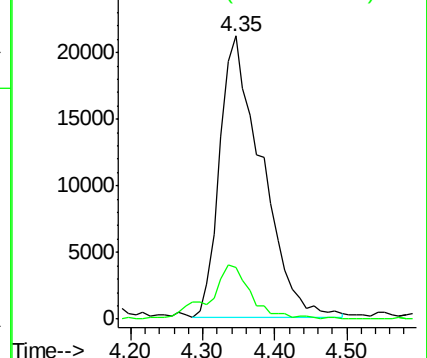
43 100

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

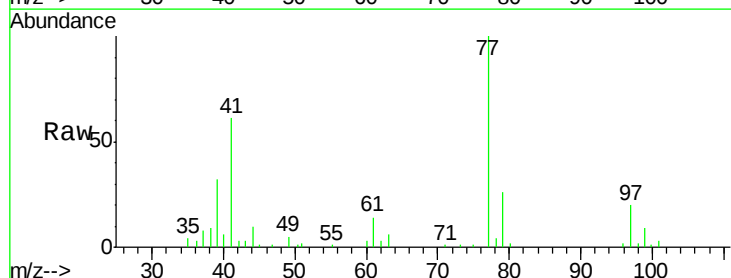
Acq: 10 Jan 2019 13:53

Tgt Ion: 77 Resp: 42550

Ion Ratio Lower Upper

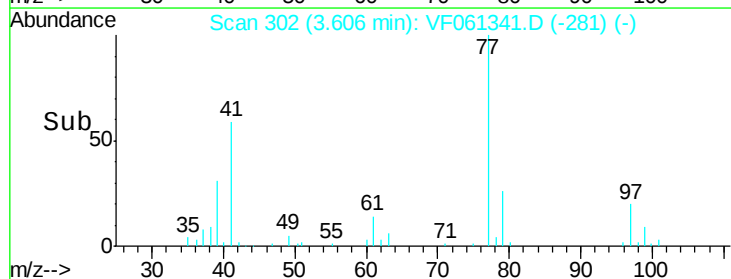
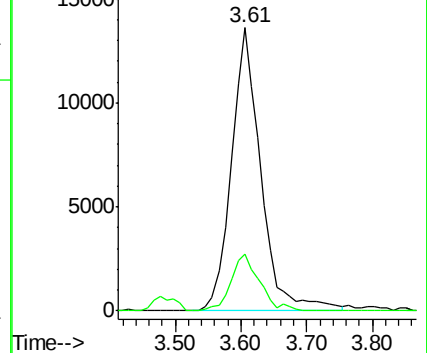
77 100

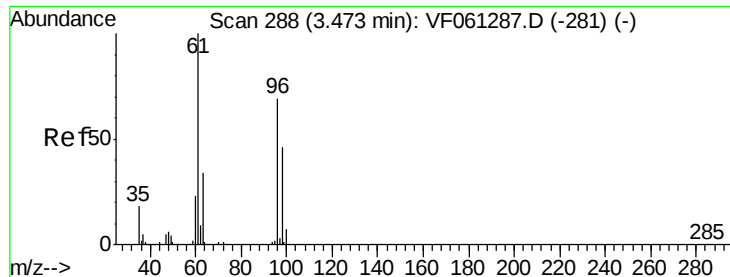
97 19.9 8.6 25.9



Abundance Ion 77.00 (76.70 to 77.70): VF0

Ion 97.00 (96.70 to 97.70): VF0

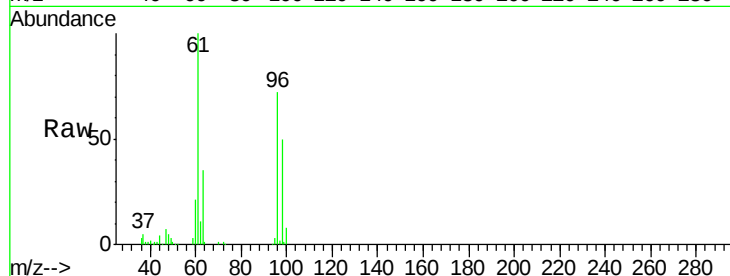




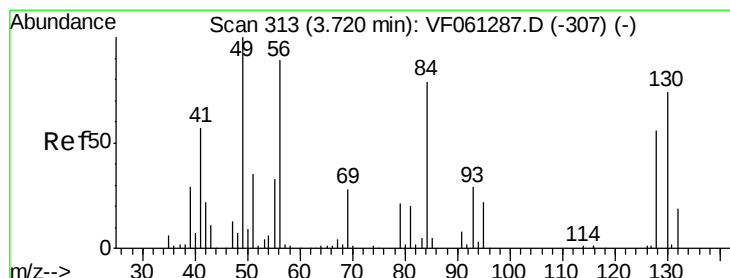
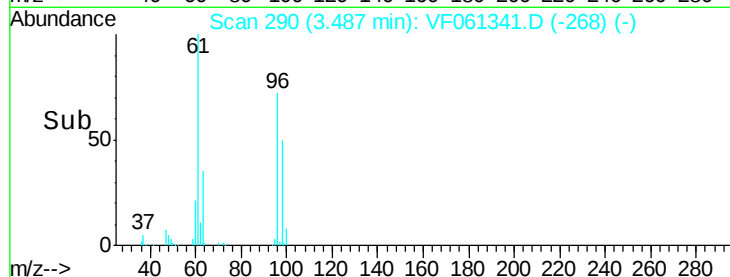
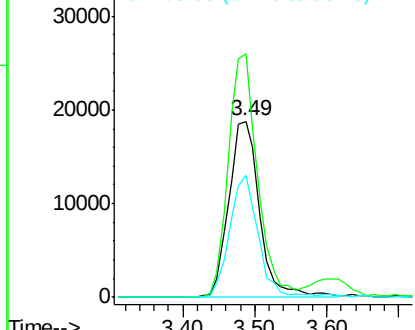
#27

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

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



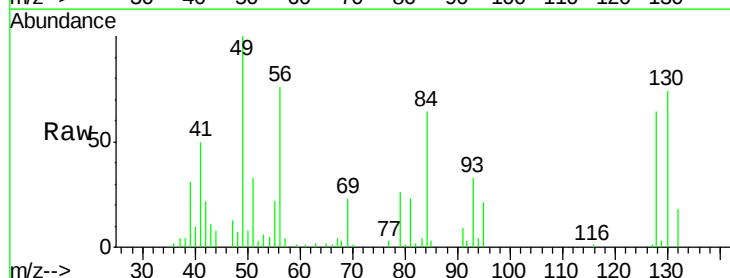
Abundance Ion 96.00 (95.70 to 96.70): VF0
Ion 61.00 (60.70 to 61.70): VF0
Ion 98.00 (97.70 to 98.70): VF0



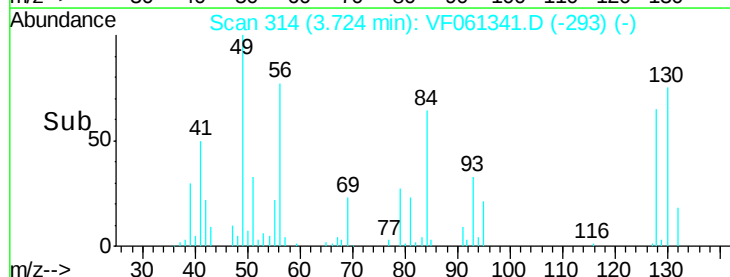
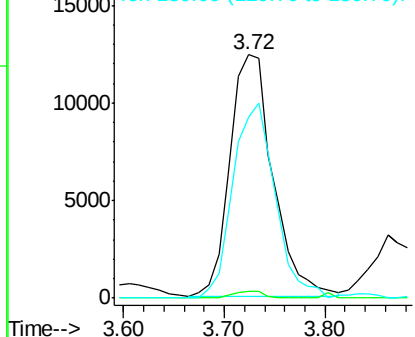
#28

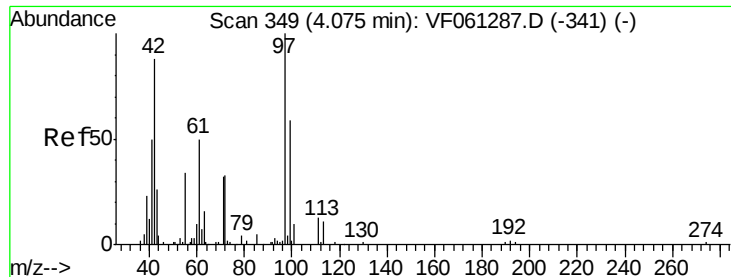
Bromochloromethane
Concen: 18.368 ug/l
RT: 3.72 min Scan# 314
Delta R.T. 0.00 min
Lab File: VF061341.D
Acq: 10 Jan 2019 13:53

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

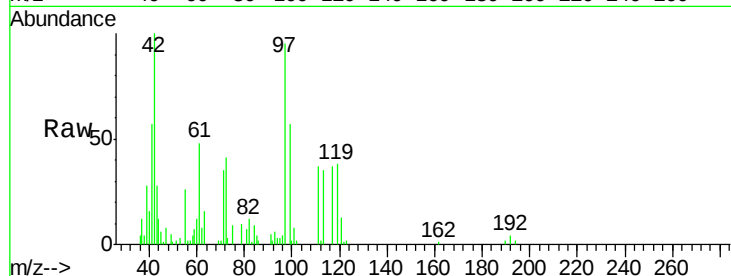
Tot Ion: 42 Resp: 34283

Ion Ratio Lower Upper

42 100

72 37.2 32.3 48.5

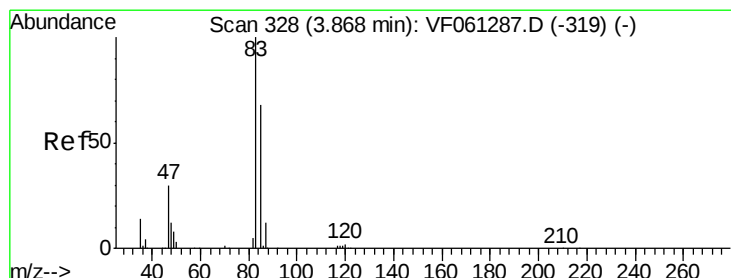
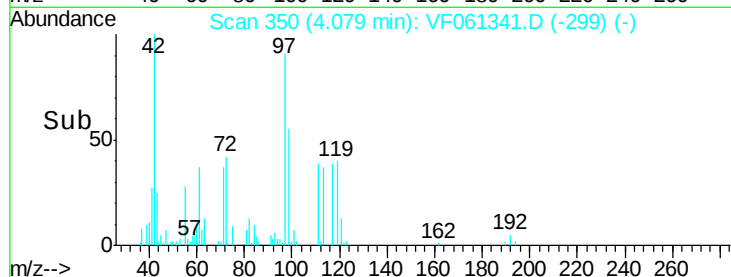
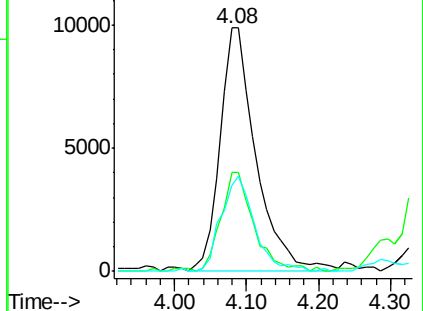
71 36.0 29.5 44.3



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

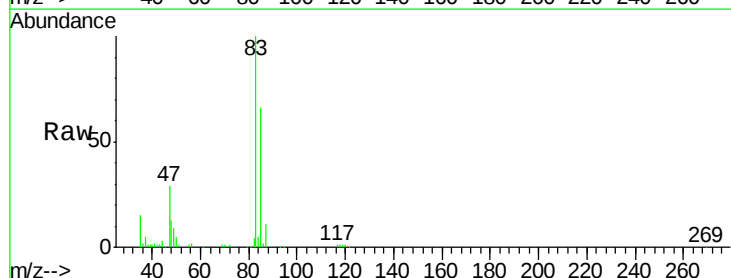
Acq: 10 Jan 2019 13:53

Tgt Ion: 83 Resp: 101891

Ion Ratio Lower Upper

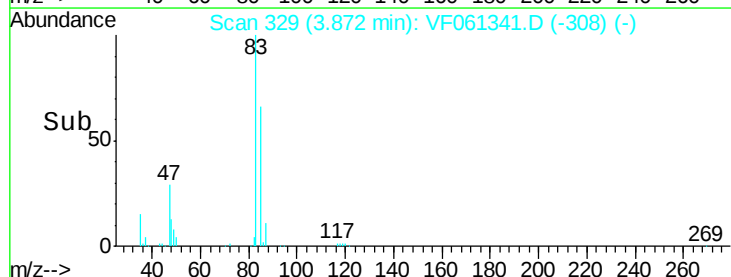
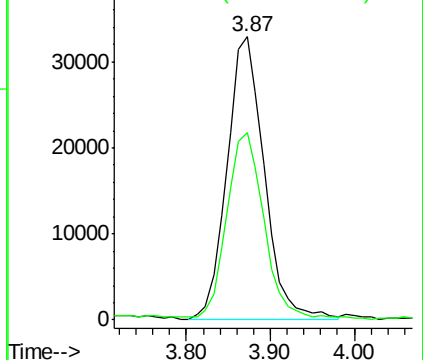
83 100

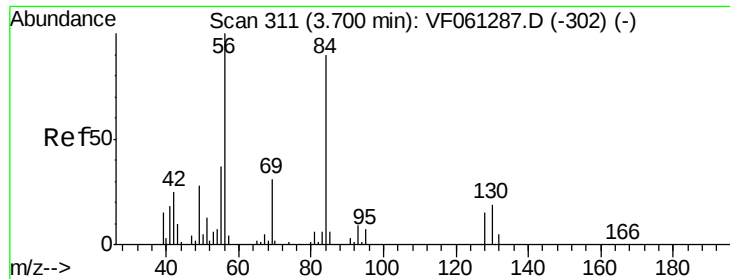
85 66.4 54.4 81.6



Abundance Ion 83.00 (82.70 to 83.70): VF0

Ion 85.00 (84.70 to 85.70): VF0





#31

Cyclohexane

Concen: 16.478 ug/l m

RT: 3.69 min Scan# 311

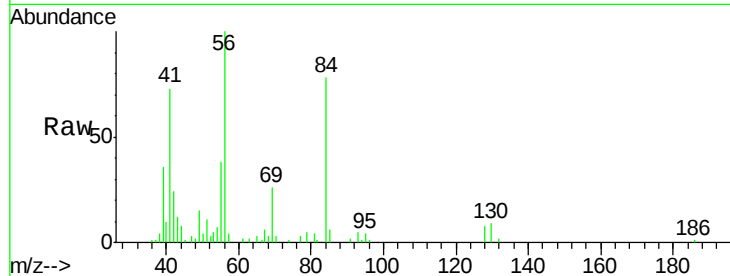
Delta R.T. -0.01 min

Lab File: VF061341.D

Acq: 10 Jan 2019 13:53

Tot Ion: 56 Resp: 78434

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

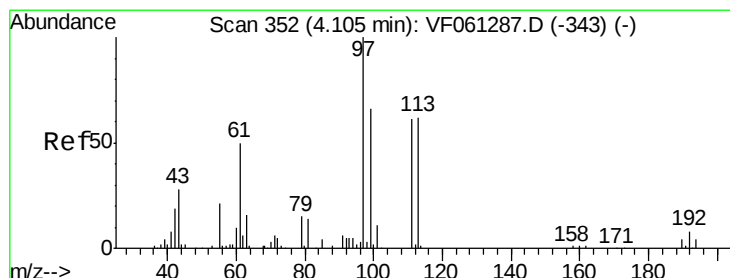
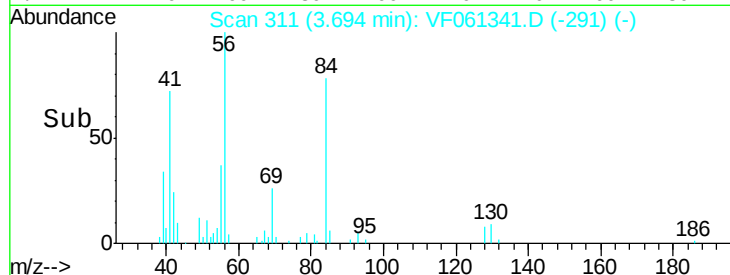
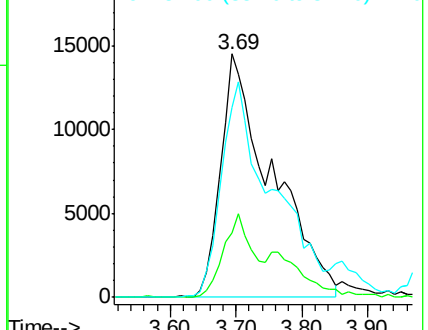


Abundance

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

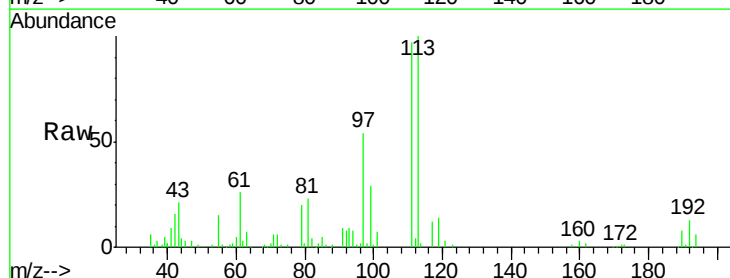
Delta R.T. 0.00 min

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

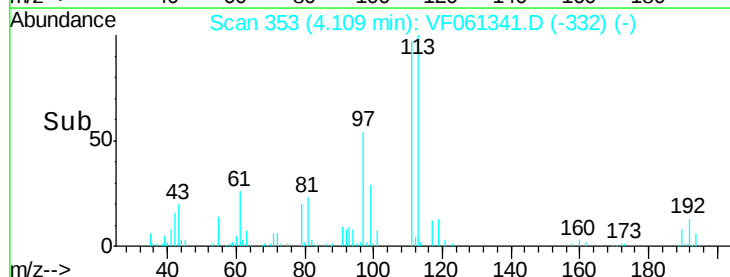
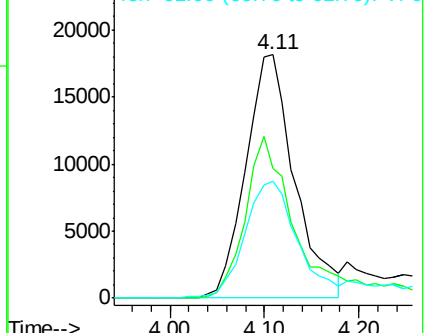


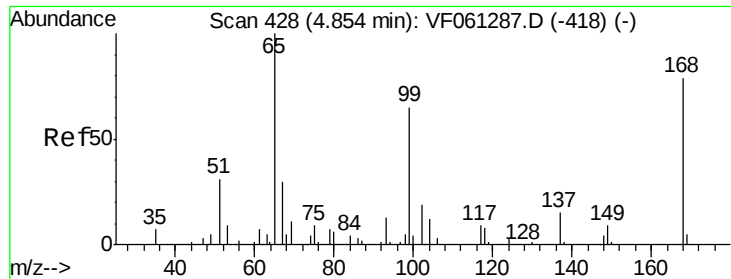
Abundance

Ion 97.00 (96.70 to 97.70): VF0

Ion 99.00 (98.70 to 99.70): VF0

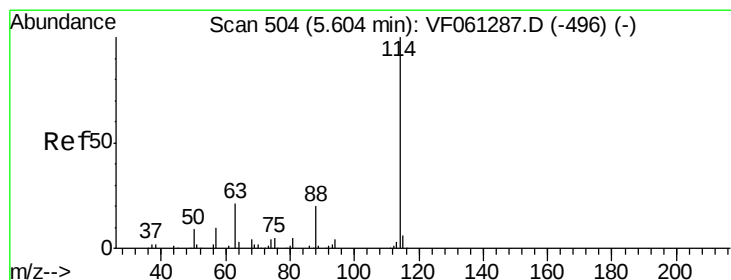
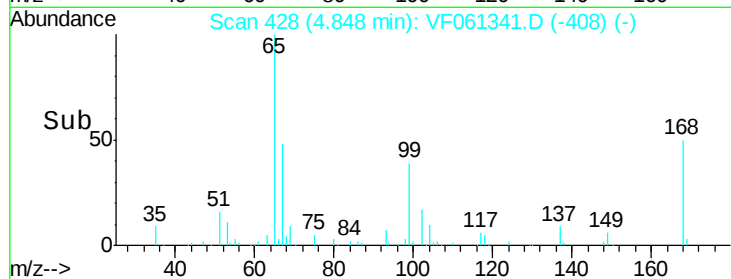
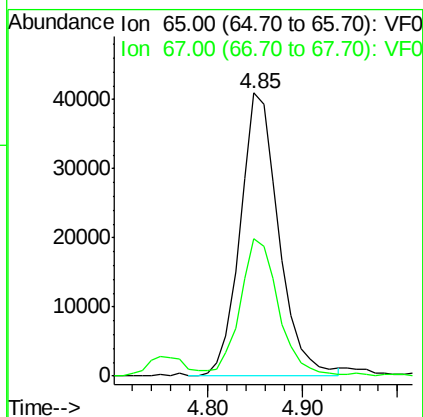
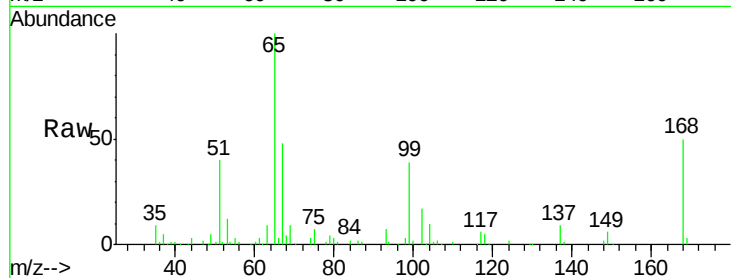
Ion 61.00 (60.70 to 61.70): VF0





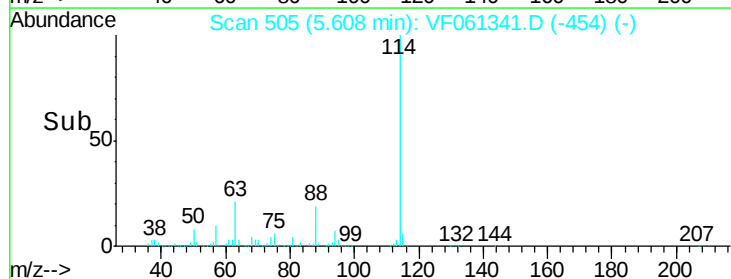
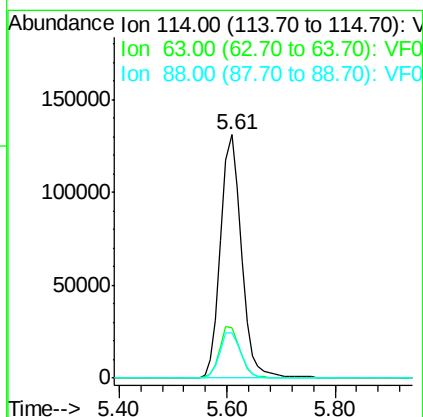
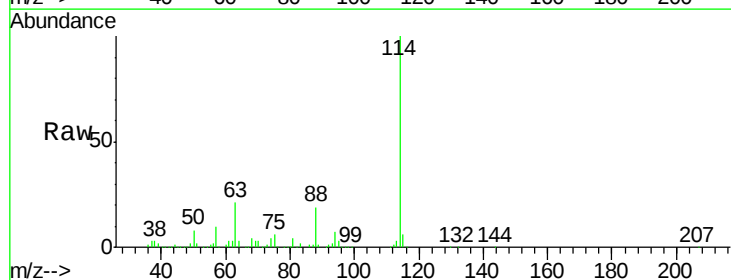
#33
 1,2-Dichloroethane-d4
 Concen: 49.308 ug/l
 RT: 4.85 min Scan# 428
 Delta R.T. -0.01 min
 Lab File: VF061341.D
 Acq: 10 Jan 2019 13:53

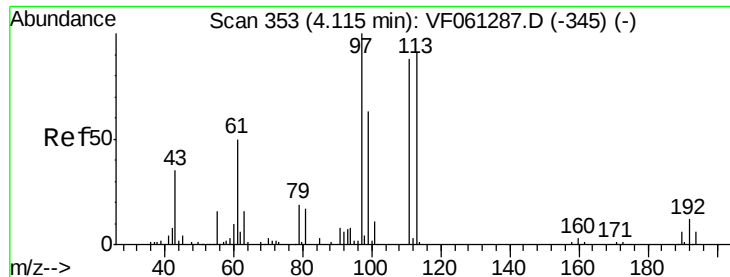
Tot Ion: 65 Resp: 115843
 Ion Ratio Lower Upper
 65 100
 67 48.4 0.0 98.2



#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





#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

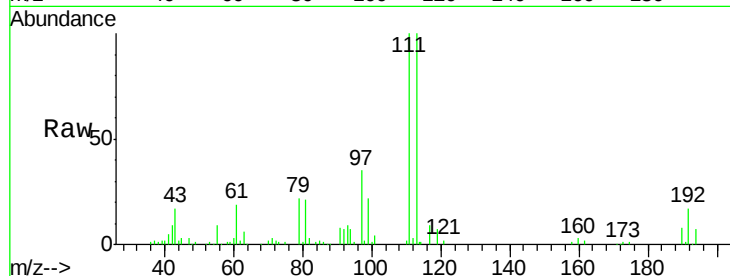
Tot Ion:113 Resp: 131573

Ion Ratio Lower Upper

113 100

111 100.4 78.0 117.0

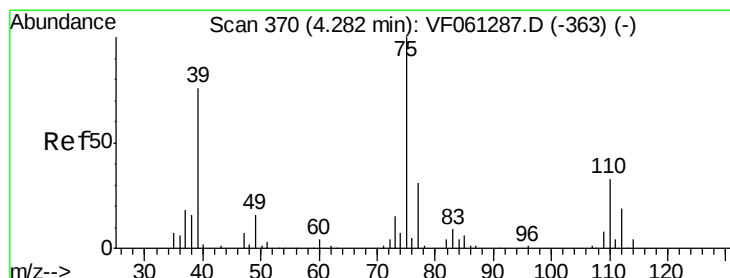
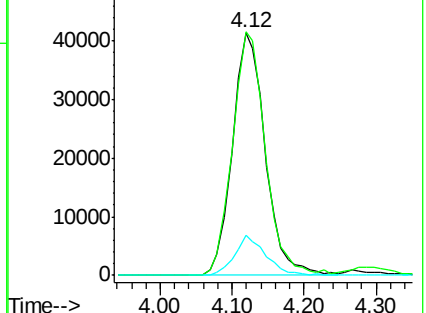
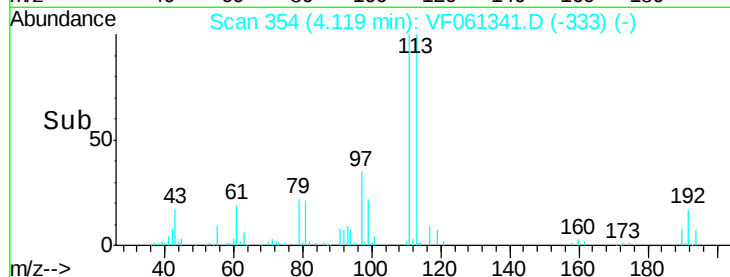
192 16.6 10.6 16.0#



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

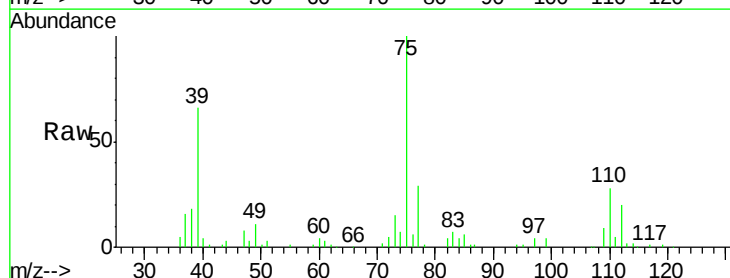
Tgt Ion: 75 Resp: 77933

Ion Ratio Lower Upper

75 100

110 27.6 16.6 49.8

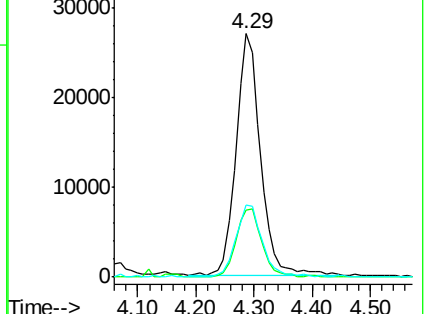
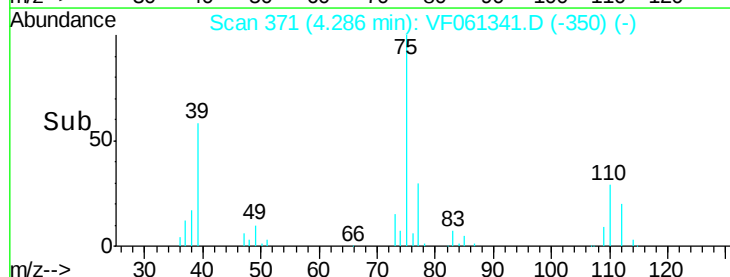
77 29.4 25.1 37.7

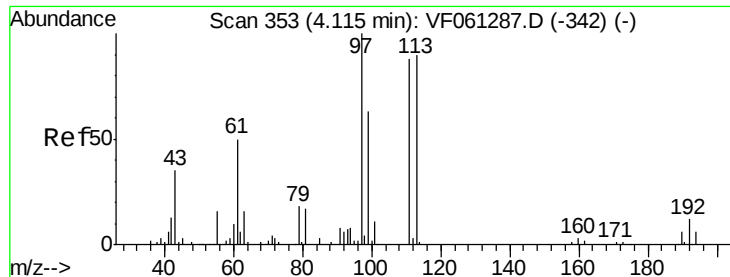


Abundance Ion 75.00 (74.70 to 75.70): VF0

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

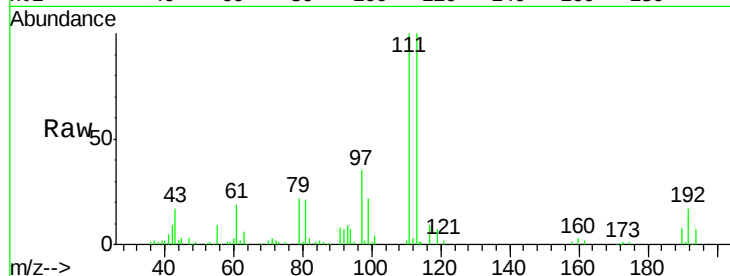
Delta R.T. 0.00 min

Lab File: VF061341.D

Acq: 10 Jan 2019 13:53

Tot Ion: 43 Resp: 30487

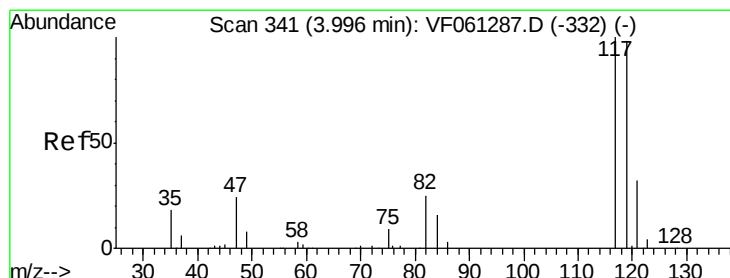
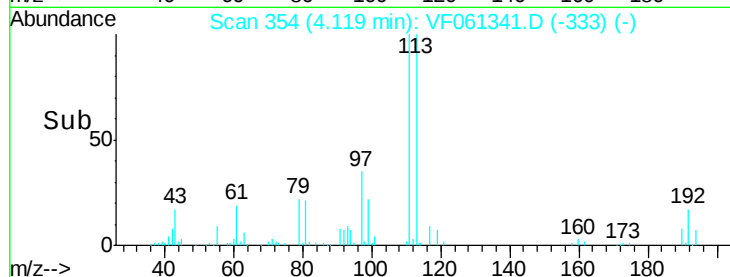
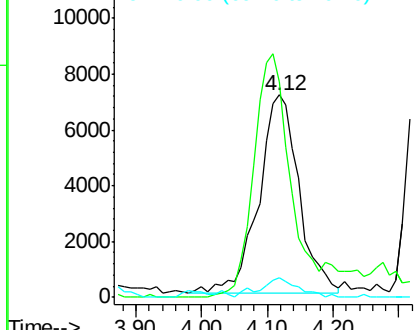
Ion	Ratio	Lower	Upper
43	100		
61	106.7	113.3	169.9#
70	9.8	9.4	14.0



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

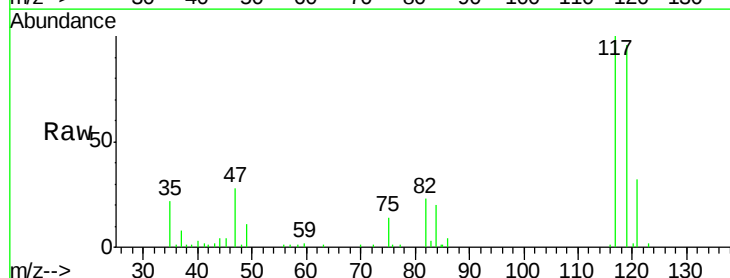
Delta R.T. 0.00 min

Lab File: VF061341.D

Acq: 10 Jan 2019 13:53

Tgt Ion: 117 Resp: 59199

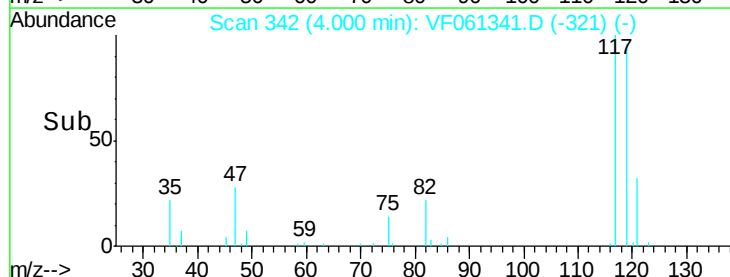
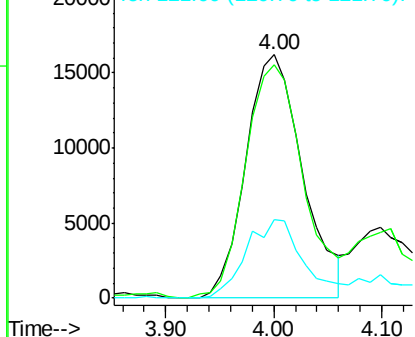
Ion	Ratio	Lower	Upper
117	100		
119	96.0	78.5	117.7
121	32.3	25.3	37.9

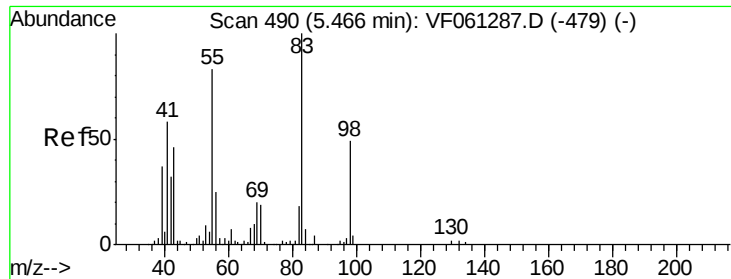


Abundance Ion 117.00 (116.70 to 117.70): V

Ion 119.00 (118.70 to 119.70): V

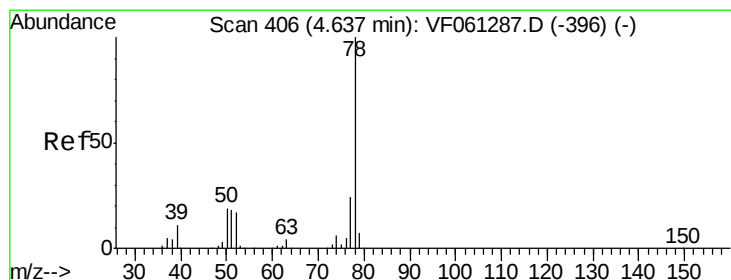
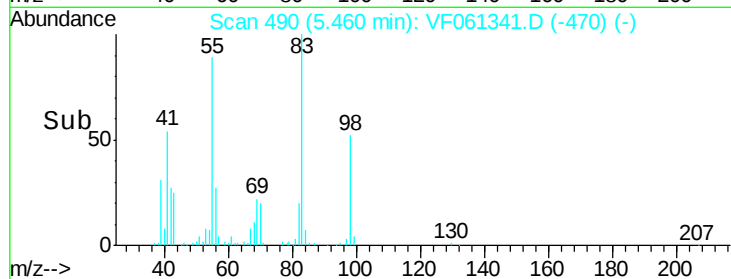
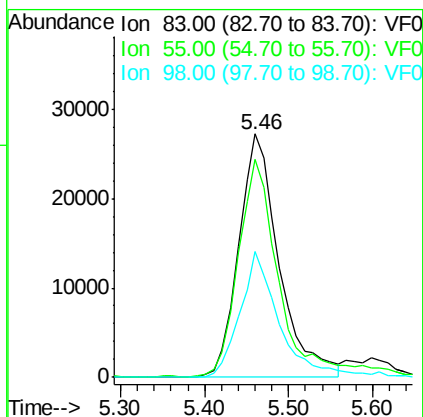
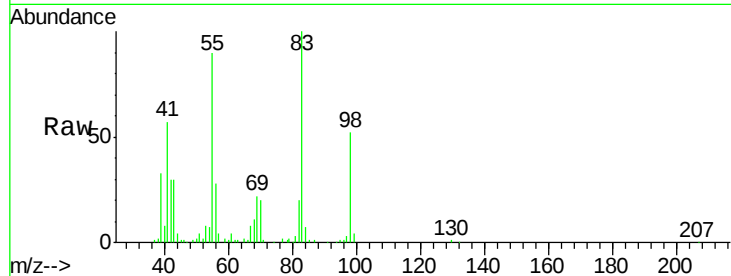
Ion 121.00 (120.70 to 121.70): V





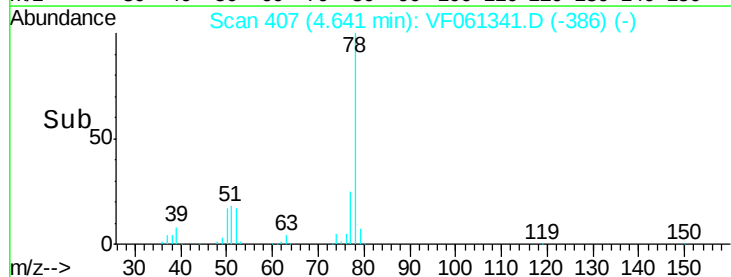
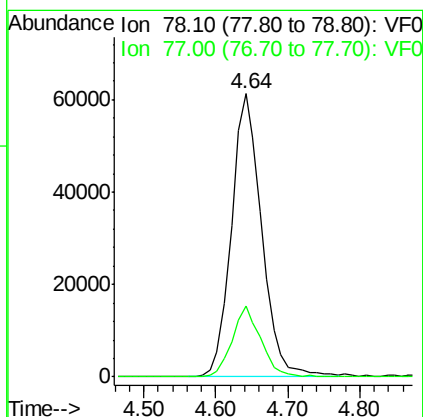
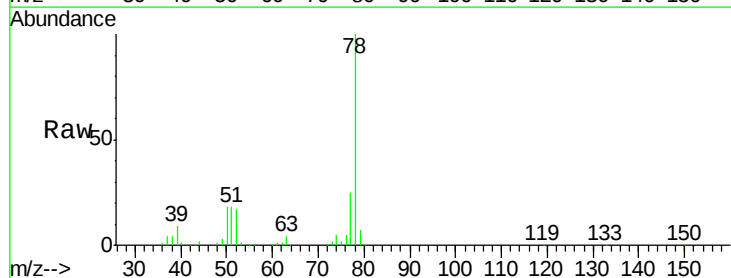
#39
Methvlcvclohexane
Concen: 17.647 ug/l
RT: 5.46 min Scan# 490
Delta R.T. -0.01 min
Lab File: VF061341.D
Acq: 10 Jan 2019 13:53

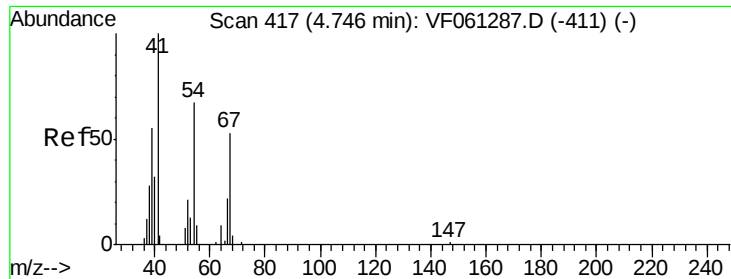
Tot Ion: 83 Resp: 91057
Ion Ratio Lower Upper
83 100
55 89.7 66.4 99.6
98 51.5 39.1 58.7



#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





#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

Tot Ion: 41 Resp: 16385

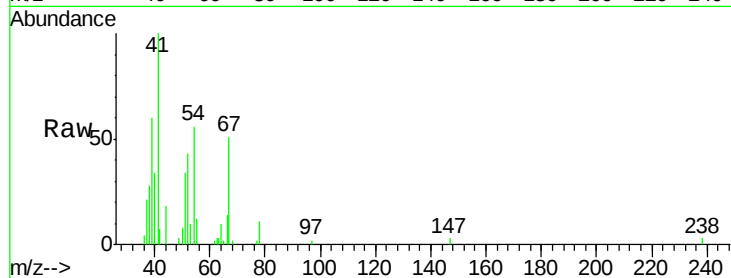
Ion	Ratio	Lower	Upper
41	100		
39	60.2	52.7	79.1
67	50.8	41.4	62.2
52	42.9	33.0	49.4

41 100

39 60.2 52.7 79.1

67 50.8 41.4 62.2

52 42.9 33.0 49.4

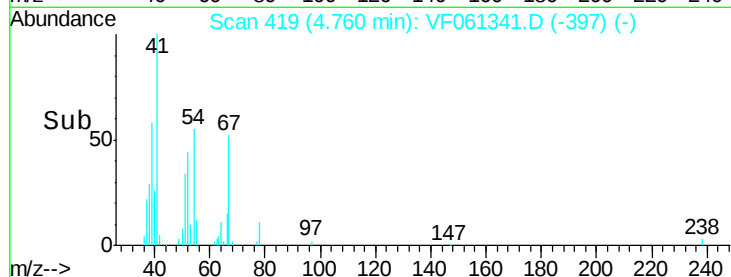


Abundance Ion 41.00 (40.70 to 41.70): VF0

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



Abundance Ion 41.00 (40.70 to 41.70): VF0

Ion 39.00 (38.70 to 39.70): VF0

Ion 67.00 (66.70 to 67.70): VF0

Ion 52.00 (51.70 to 52.70): VF0

Time-->

4.60 4.70 4.80 4.90

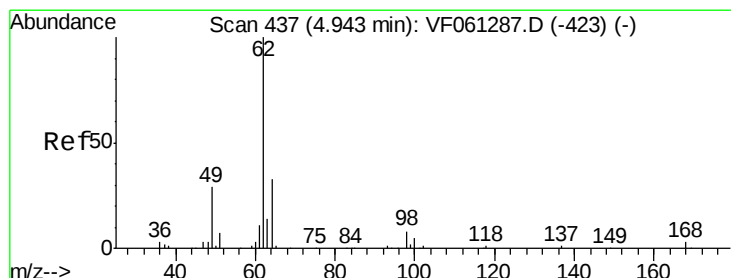
4.76

4.76

4.76

4.76

4.76



#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

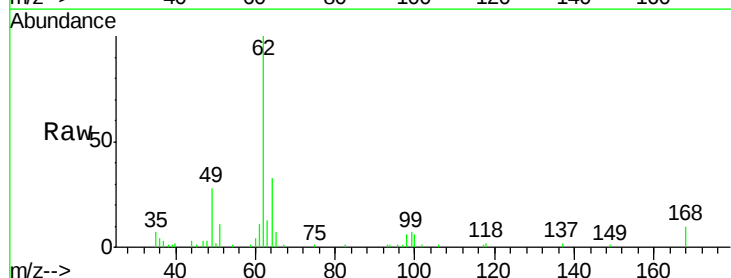
Acq: 10 Jan 2019 13:53

Tgt Ion: 62 Resp: 55766

Ion	Ratio	Lower	Upper
62	100		
98	6.3	0.0	16.8

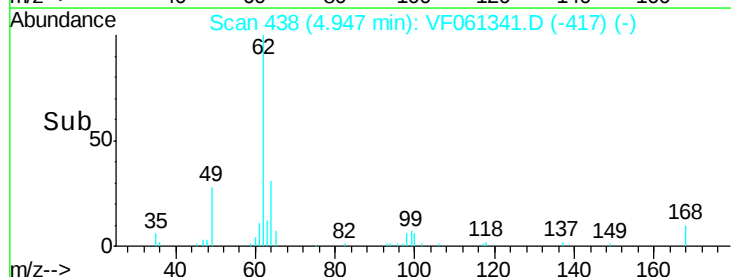
62 100

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



Abundance Ion 62.00 (61.70 to 62.70): VF0

Ion 98.00 (97.70 to 98.70): VF0

Time-->

4.80 4.90 5.00 5.10

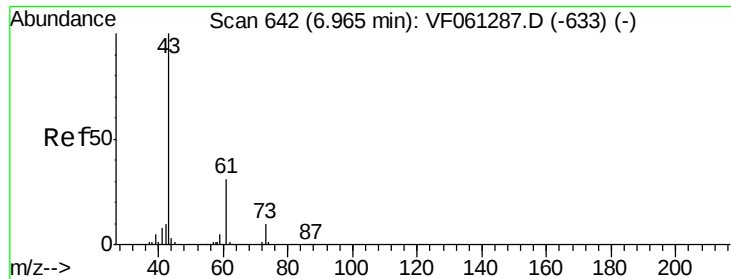
4.95

4.95

4.95

4.95

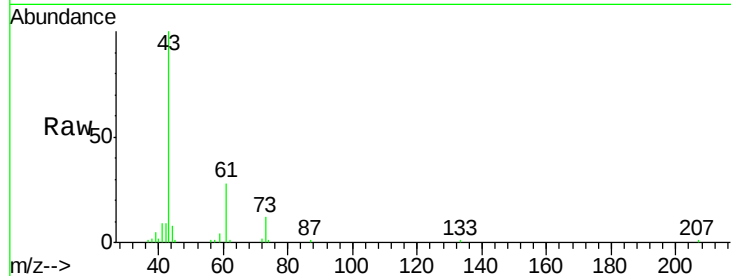
4.95



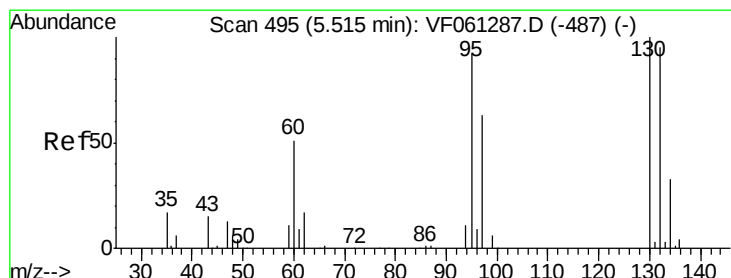
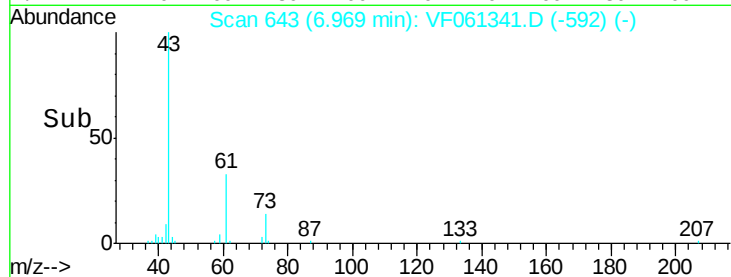
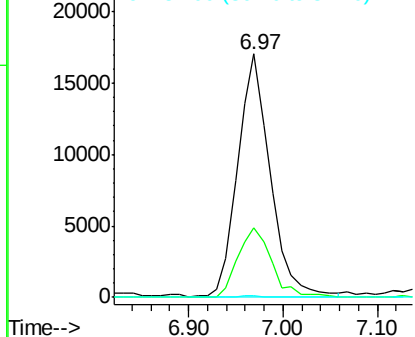
#43

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

Tot Ion	43	Resp	40614
Ion Ratio	100		
Lower	24.3		
Upper	36.5		
87	0.6		0.4#



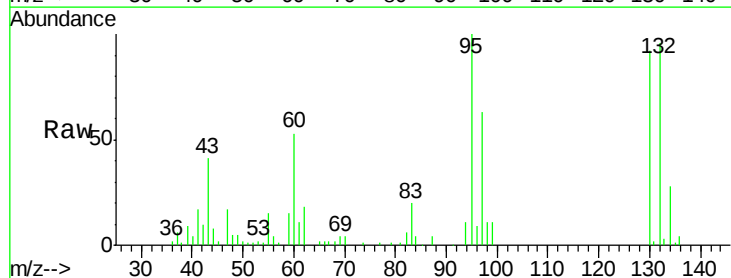
Abundance Ion 43.00 (42.70 to 43.70): VF0
 Ion 61.00 (60.70 to 61.70): VF0
 Ion 87.00 (86.70 to 87.70): VF0



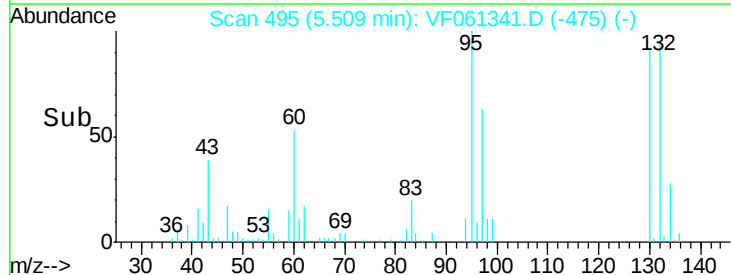
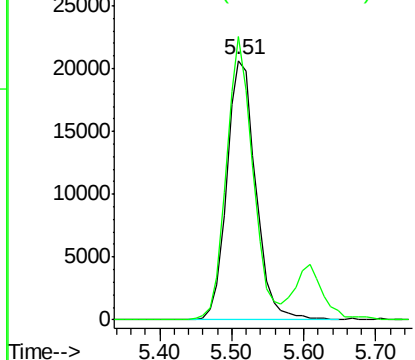
#44

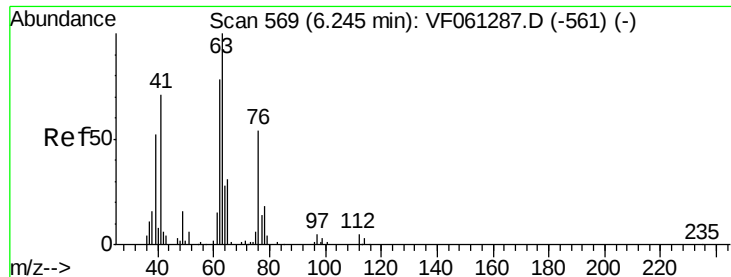
Trichloroethene
 Concen: 20.392 ug/l
 RT: 5.51 min Scan# 495
 Delta R.T. -0.01 min
 Lab File: VF061341.D
 Acq: 10 Jan 2019 13:53

Tgt Ion	130	Resp	57454
Ion Ratio	100		
Lower	0.0		
Upper	184.4		
95	109.2		



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

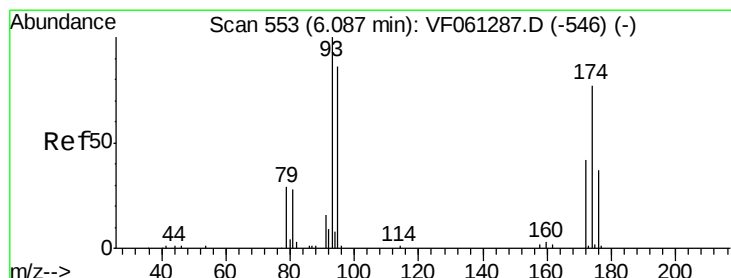
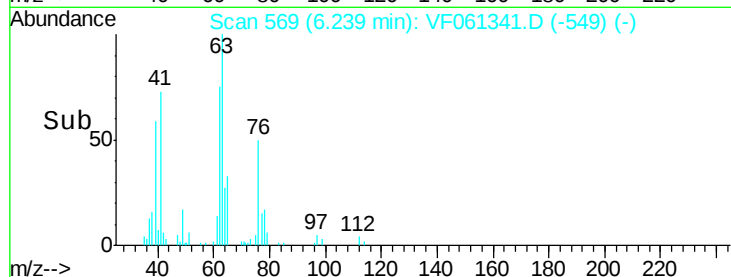
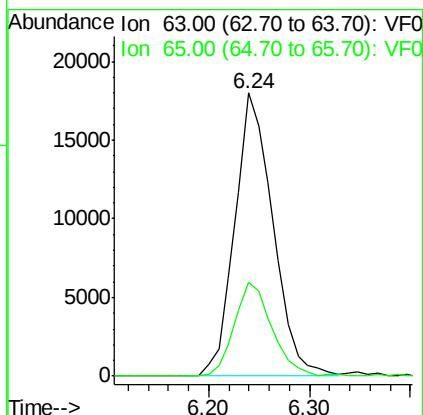
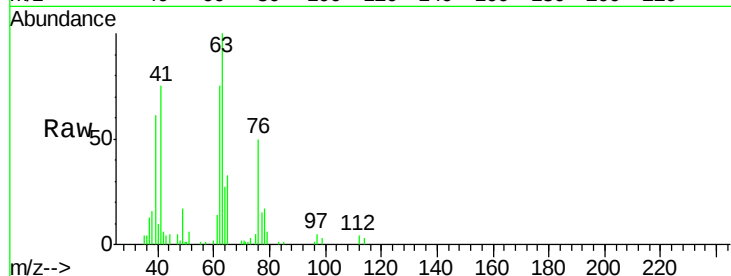
Acq: 10 Jan 2019 13:53

Tot 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

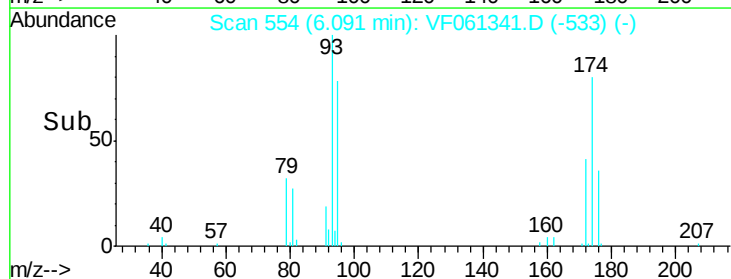
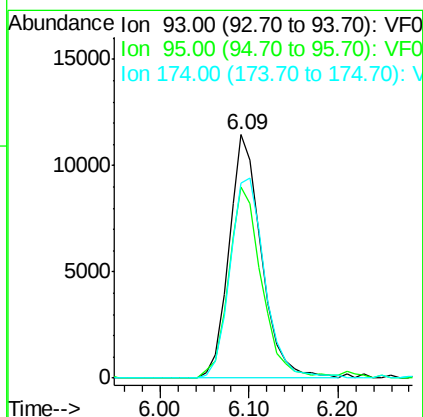
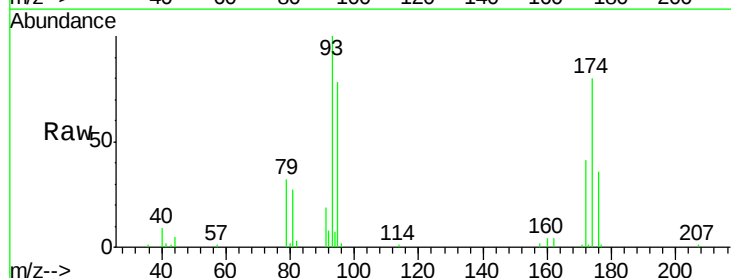
Tgt Ion: 93 Resp: 29213

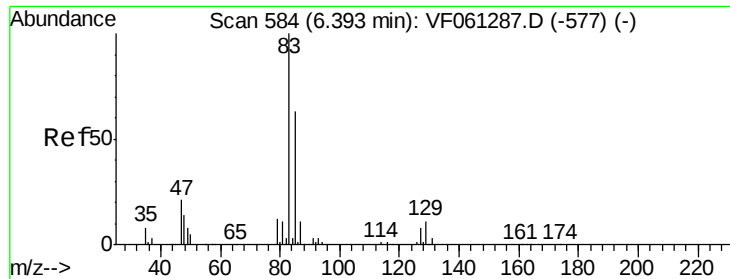
Ion Ratio Lower Upper

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

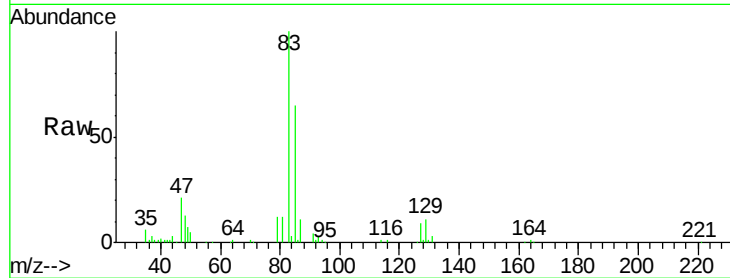
Tot Ion: 83 Resp: 73056

Ion Ratio Lower Upper

83 100

85 65.0 50.4 75.6

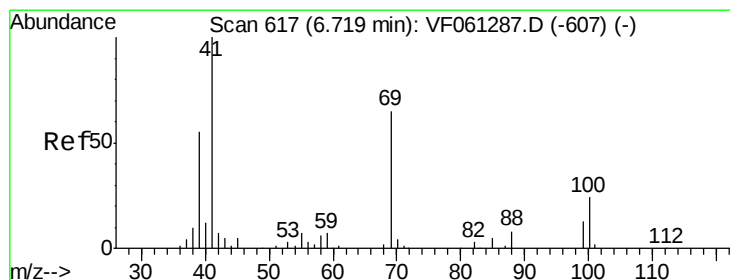
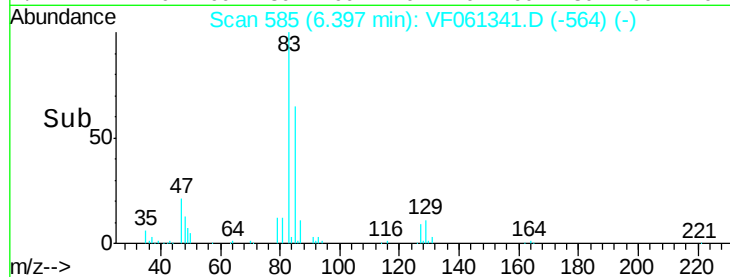
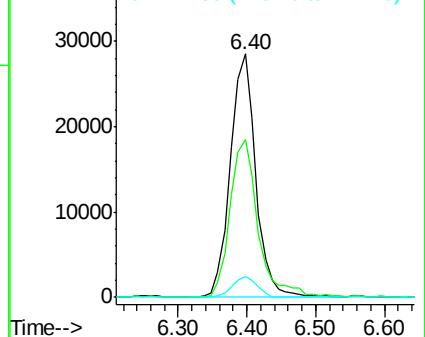
127 8.5 6.4 9.6



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

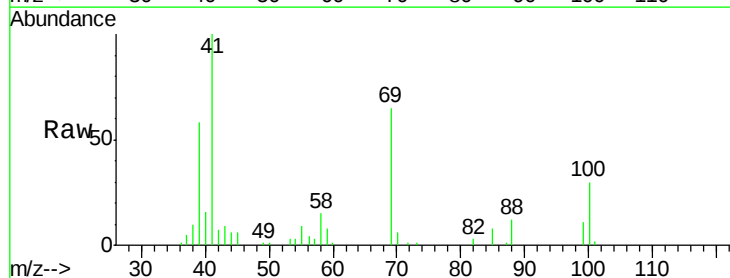
Tgt Ion: 41 Resp: 23765

Ion Ratio Lower Upper

41 100

69 64.6 51.5 77.3

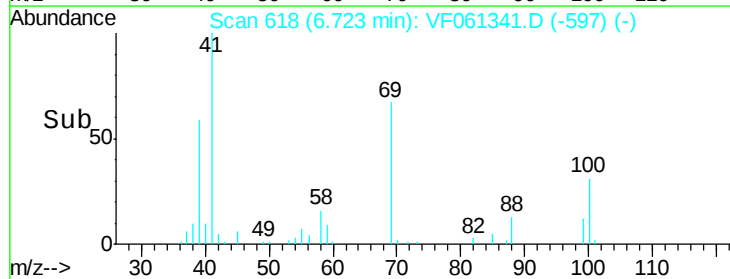
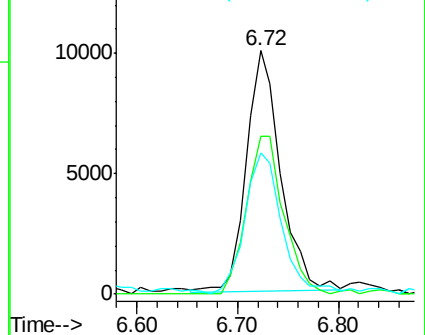
39 58.2 44.1 66.1

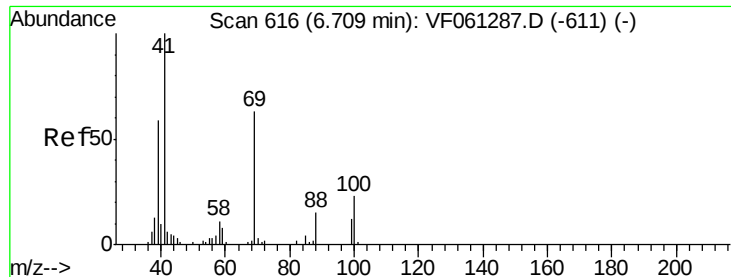


Abundance Ion 41.00 (40.70 to 41.70): VF0

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

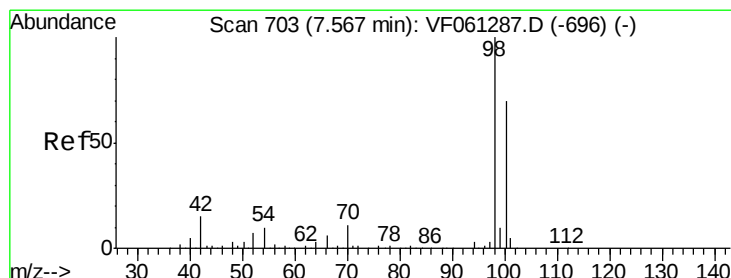
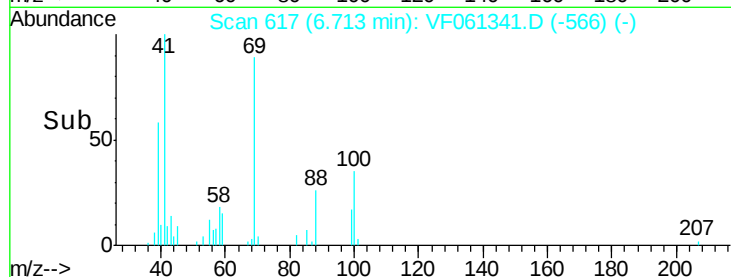
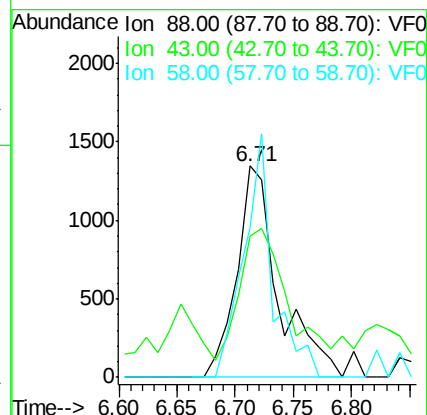
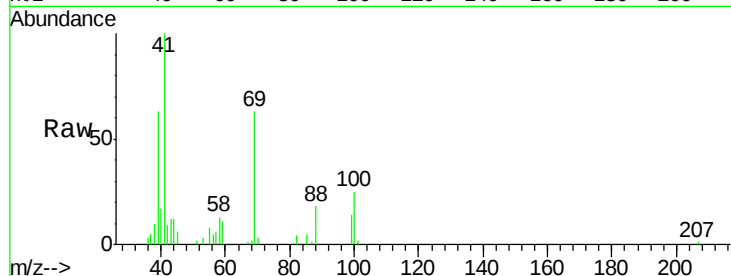
Delta R.T. 0.00 min

Lab File: VF061341.D

Acq: 10 Jan 2019 13:53

Tot Ion: 88 Resp: 3347

Ion	Ratio	Lower	Upper
88	100		
43	67.1	38.5	57.7#
58	71.3	57.0	85.4



#50

Toluene-d8

Concen: 49.243 ug/l

RT: 7.56 min Scan# 703

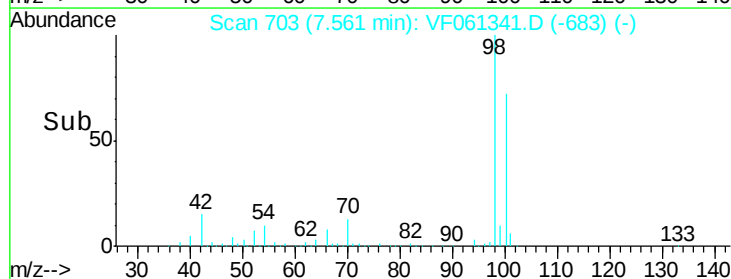
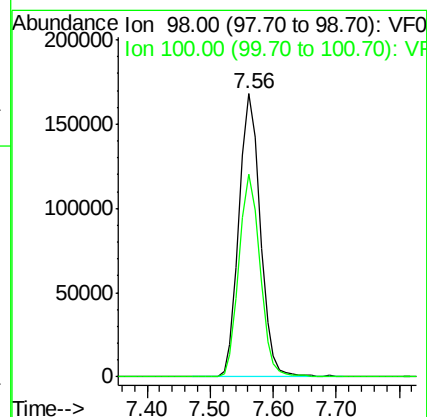
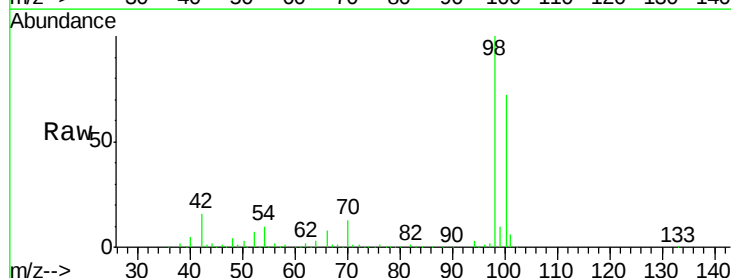
Delta R.T. -0.01 min

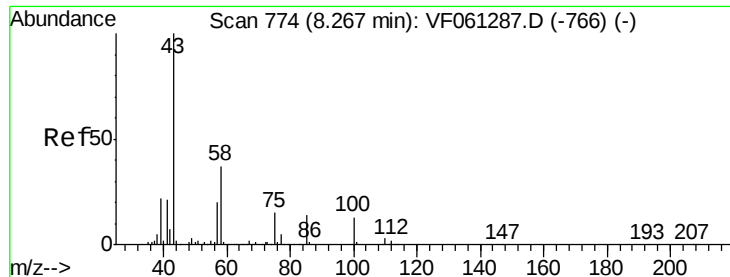
Lab File: VF061341.D

Acq: 10 Jan 2019 13:53

Tgt Ion: 98 Resp: 393746

Ion	Ratio	Lower	Upper
98	100		
100	71.7	55.6	83.4





#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

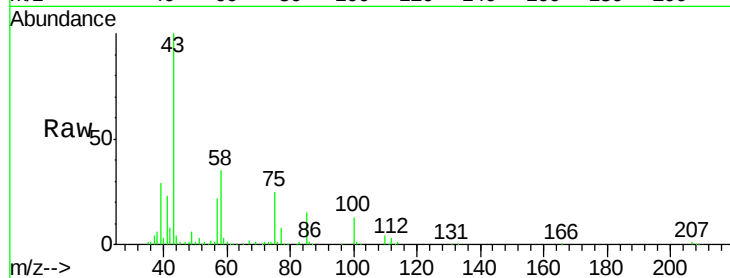
Acq: 10 Jan 2019 13:53

Tot Ion: 43 Resp: 152917

Ion Ratio Lower Upper

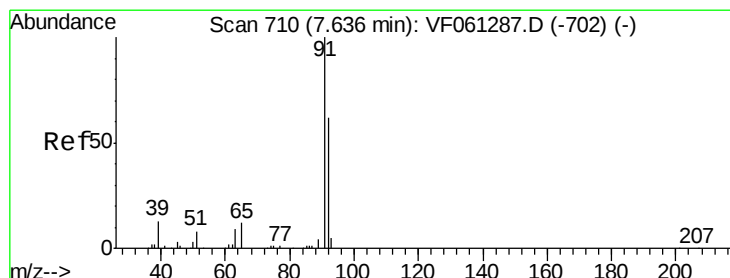
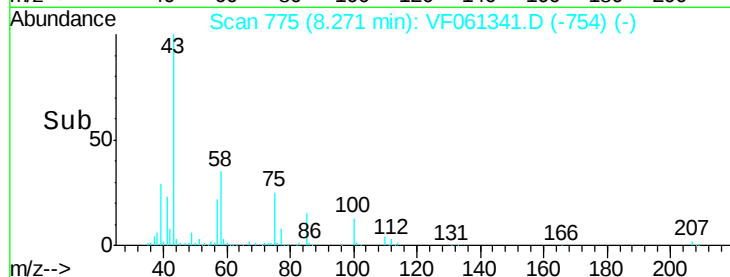
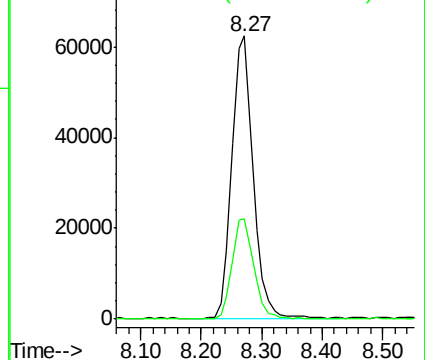
43 100

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

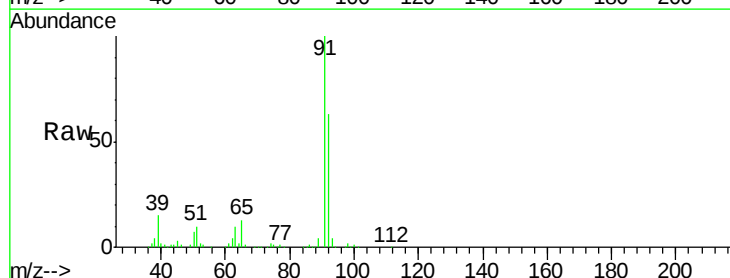
Acq: 10 Jan 2019 13:53

Tgt Ion: 92 Resp: 121986

Ion Ratio Lower Upper

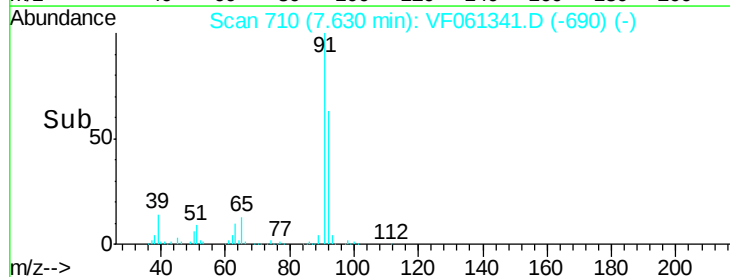
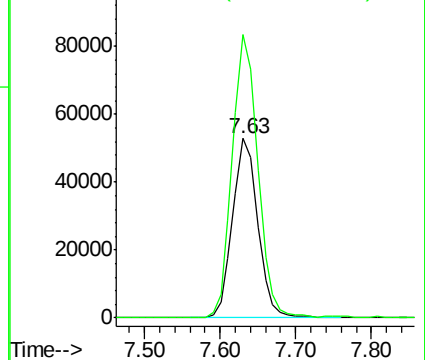
92 100

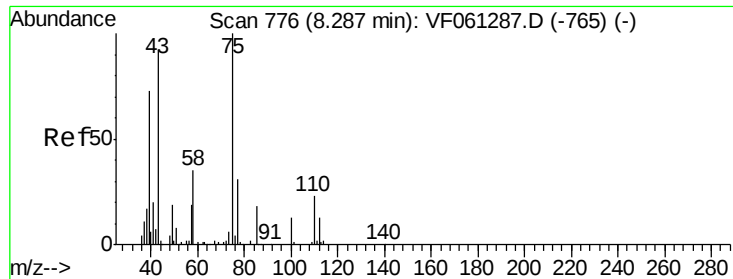
91 157.9 129.2 193.8



Abundance Ion 92.00 (91.70 to 92.70): VF0

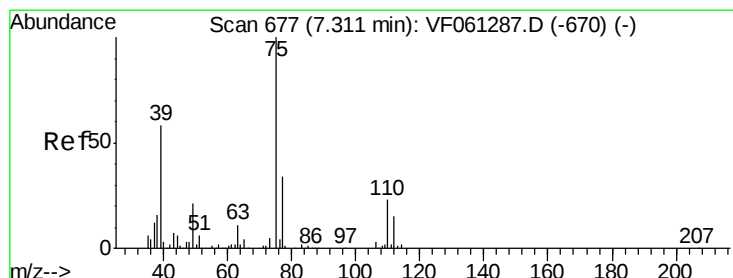
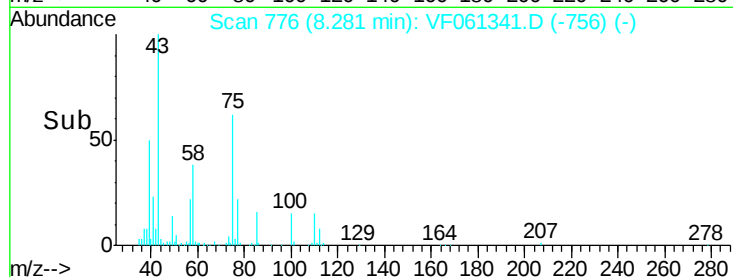
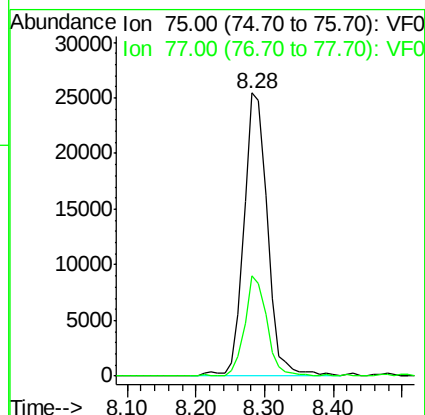
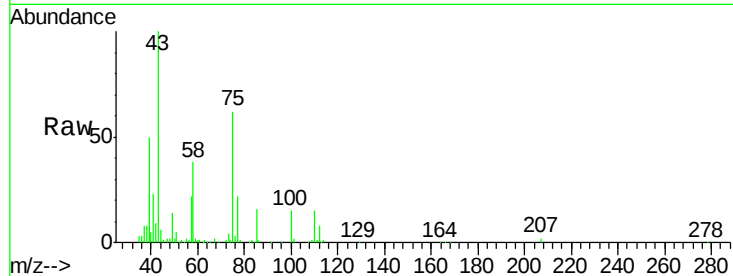
Ion 91.00 (90.70 to 91.70): VF0





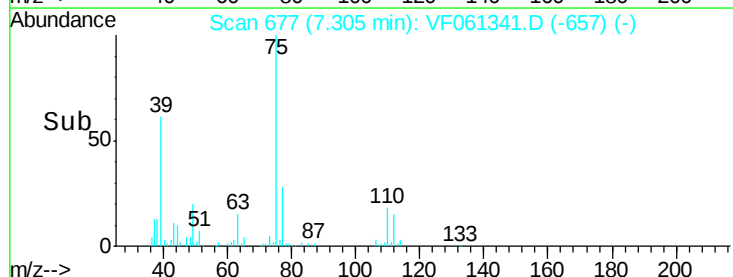
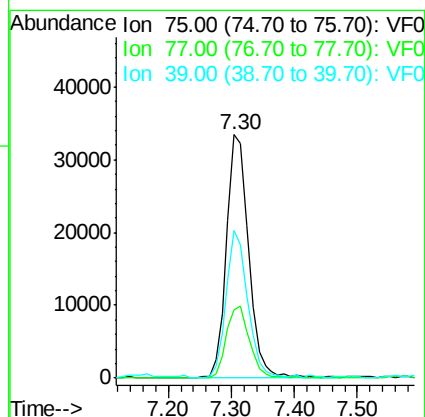
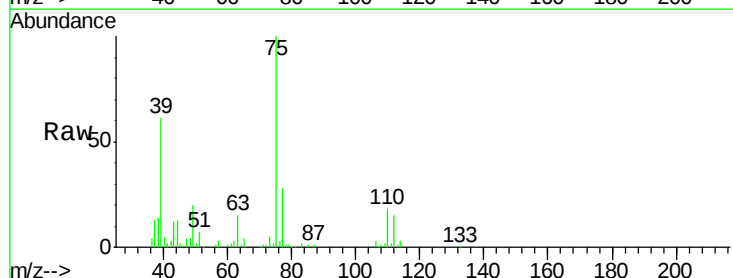
#53
 t-1,3-Dichloropropene
 Concen: 20.656 ug/l
 RT: 8.28 min Scan# 776
 Delta R.T. -0.01 min
 Lab File: VF061341.D
 Acq: 10 Jan 2019 13:53

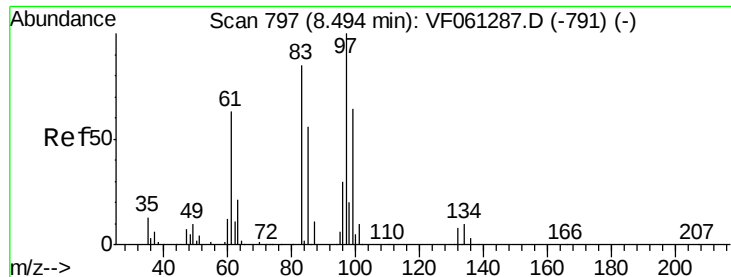
Tot Ion: 75 Resp: 60645
 Ion Ratio Lower Upper
 75 100
 77 35.6 24.7 37.1



#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

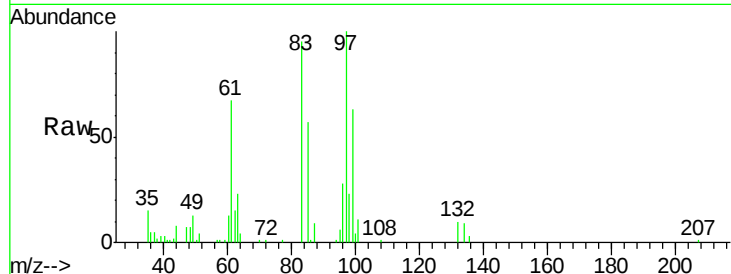
Delta R.T. 0.00 min

Lab File: VF061341.D

Acq: 10 Jan 2019 13:53

Tot 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

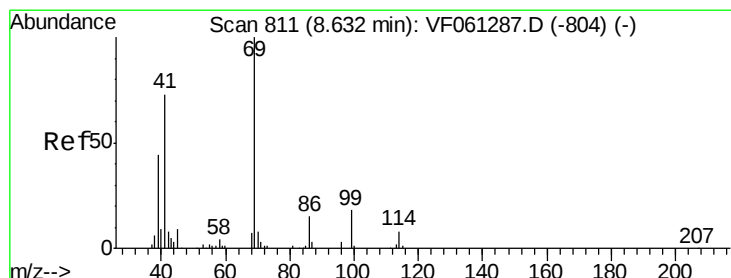
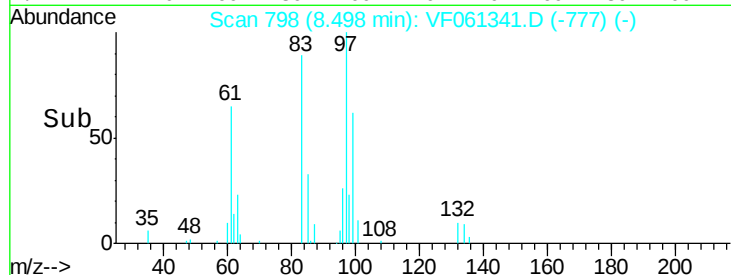
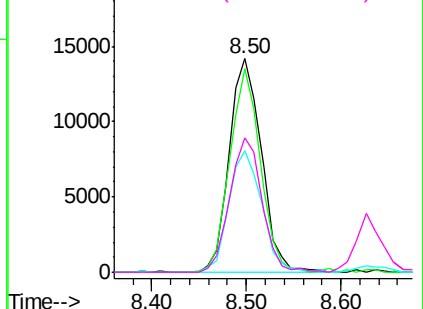


Abundance Ion 97.00 (96.70 to 97.70): VF0

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

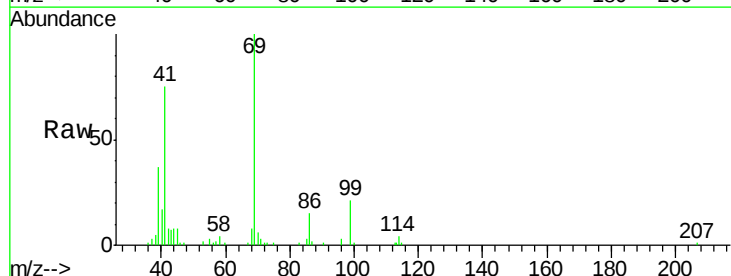
Delta R.T. -0.01 min

Lab File: VF061341.D

Acq: 10 Jan 2019 13:53

Tgt Ion: 69 Resp: 39170

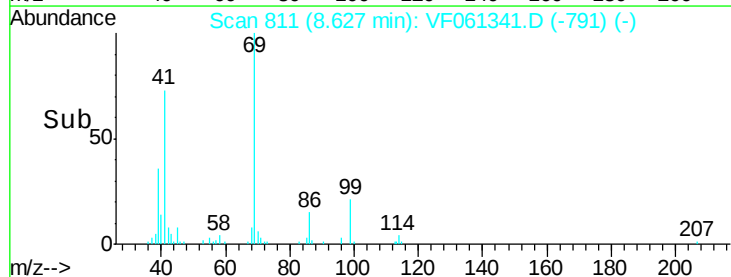
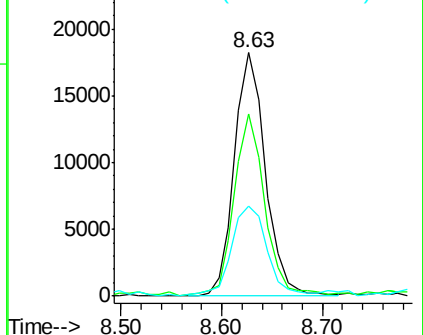
Ion	Ratio	Lower	Upper
69	100		
41	75.0	59.0	88.4
39	37.1	35.3	52.9

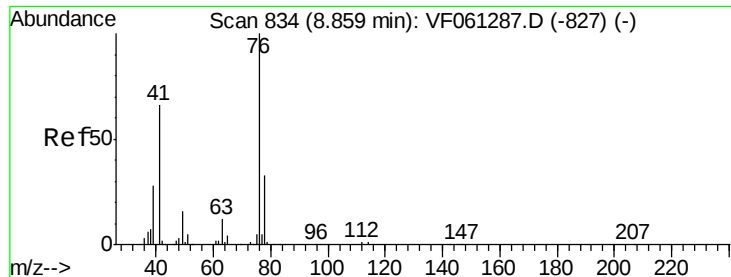


Abundance Ion 69.00 (68.70 to 69.70): VF0

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

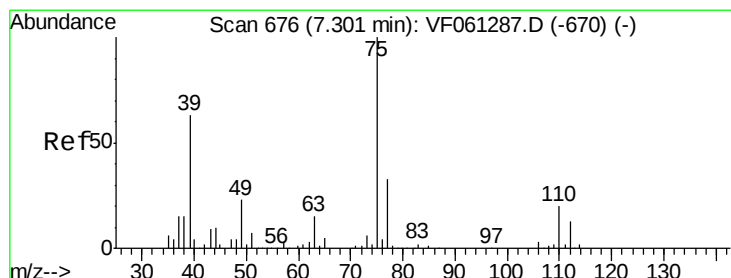
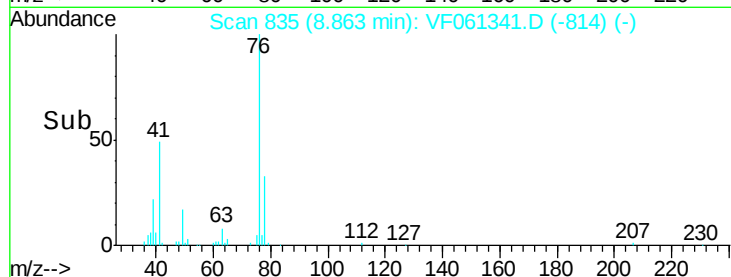
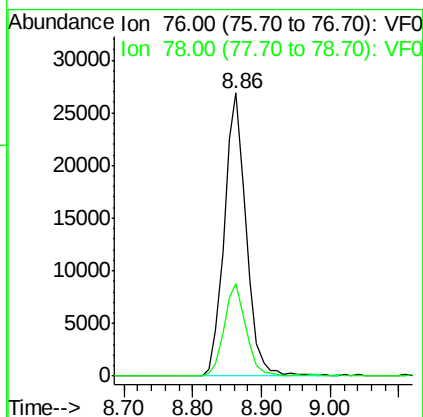
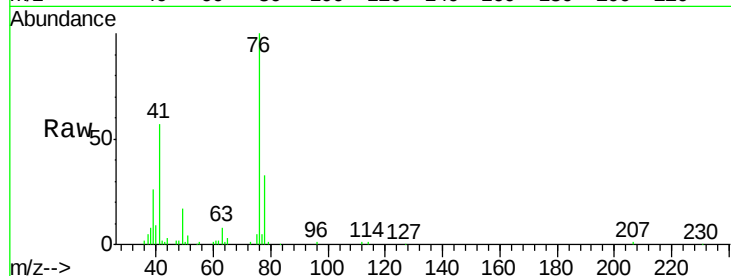
Acq: 10 Jan 2019 13:53

Tot 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

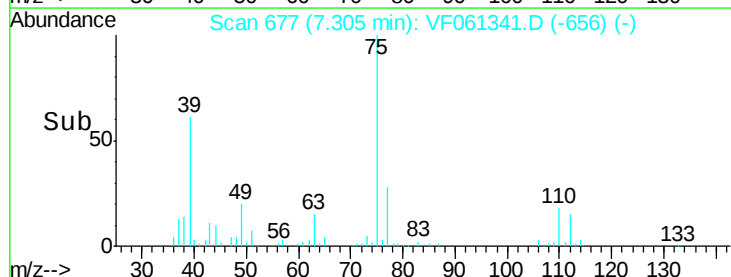
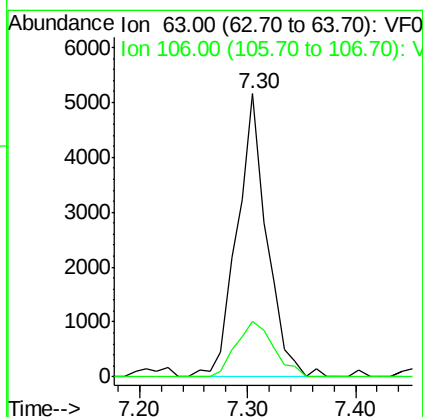
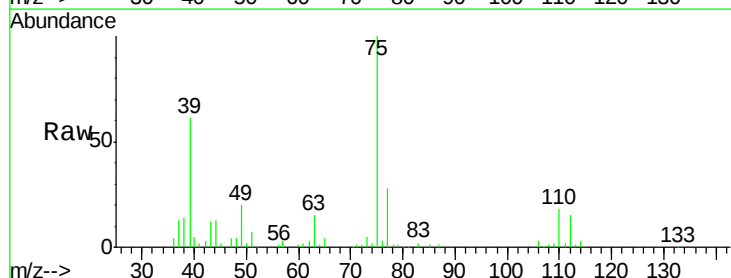
Acq: 10 Jan 2019 13:53

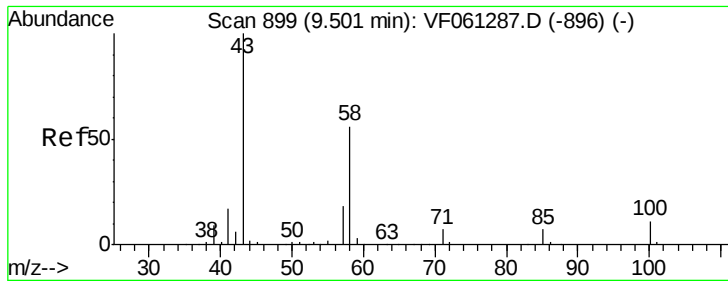
Tgt Ion: 63 Resp: 9885

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

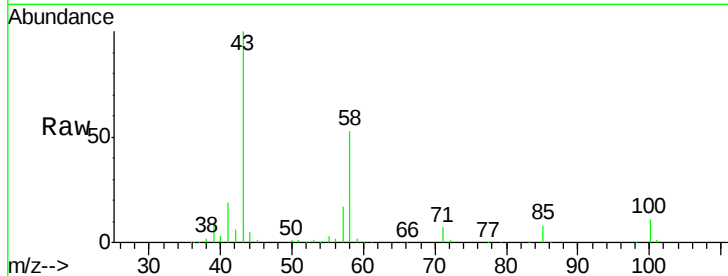
Acq: 10 Jan 2019 13:53

Tot Ion: 43 Resp: 115279

Ion Ratio Lower Upper

43 100

58 53.3 25.6 76.8



Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 58.00 (57.70 to 58.70): VF0

60000

50000

40000

30000

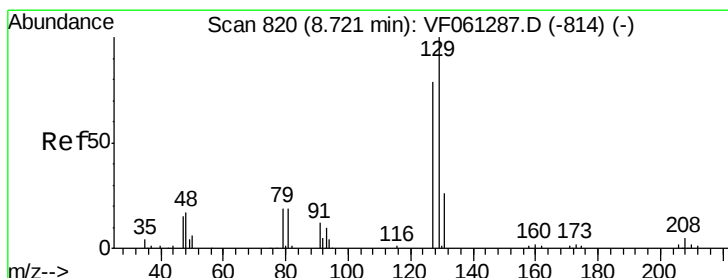
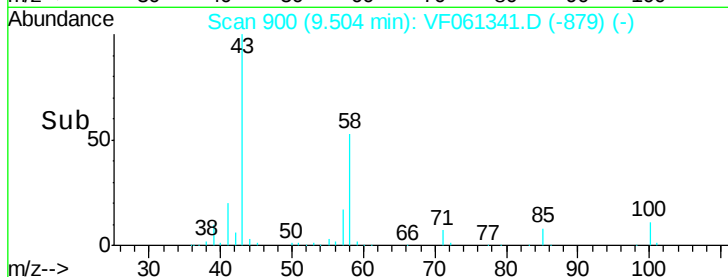
20000

10000

0

9.40 9.50 9.60

Time-->



#60

Dibromochloromethane

Concen: 19.169 ug/l

RT: 8.73 min Scan# 821

Delta R.T. 0.00 min

Lab File: VF061341.D

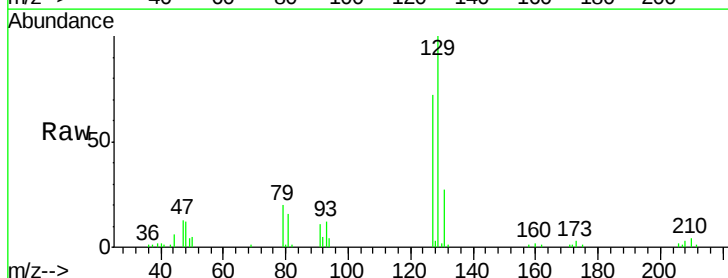
Acq: 10 Jan 2019 13:53

Tgt Ion: 129 Resp: 44199

Ion Ratio Lower Upper

129 100

127 72.3 39.4 118.1



Abundance Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V

20000

15000

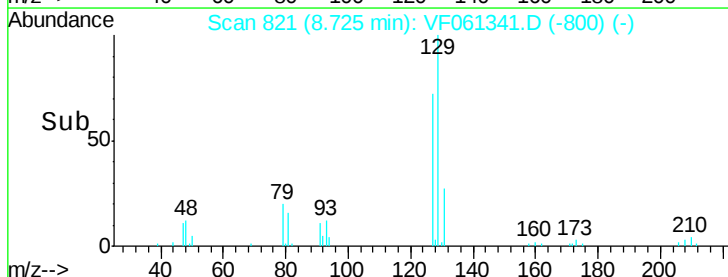
10000

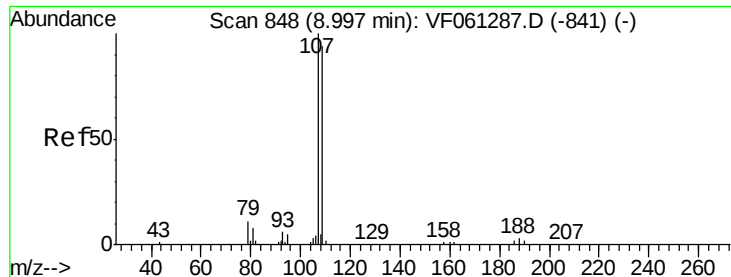
5000

0

8.60 8.70 8.80

Time-->





#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

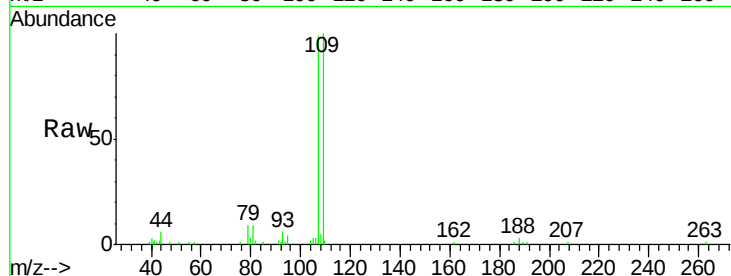
Acq: 10 Jan 2019 13:53

Tot Ion: 107 Resp: 34670

Ion Ratio Lower Upper

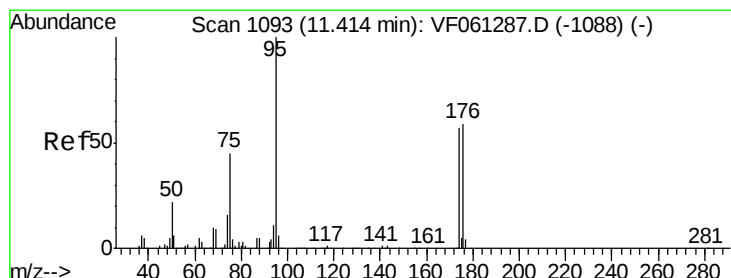
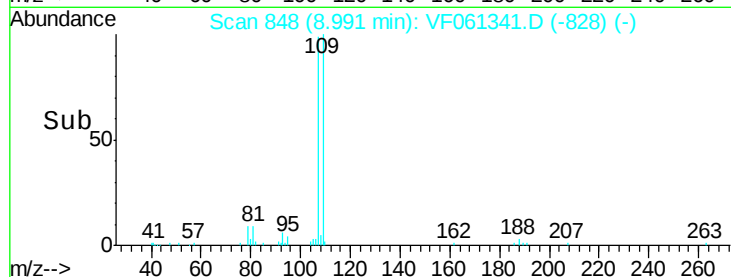
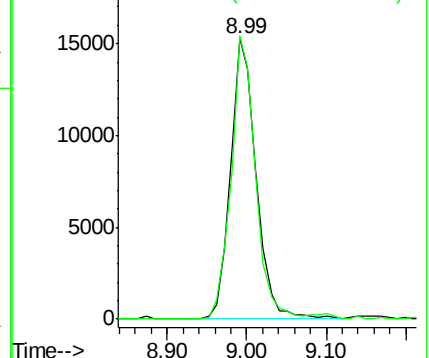
107 100

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

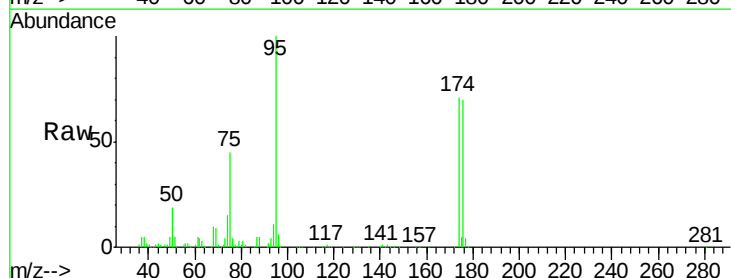
Tgt Ion: 95 Resp: 173684

Ion Ratio Lower Upper

95 100

174 70.9 0.0 114.2

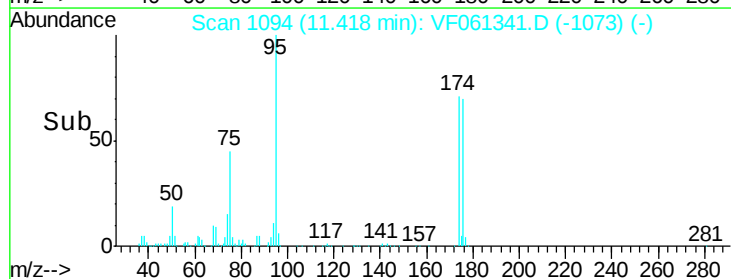
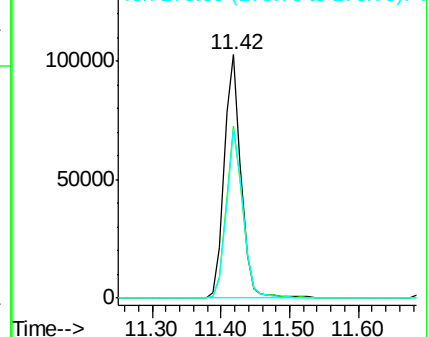
176 69.5 0.0 117.8

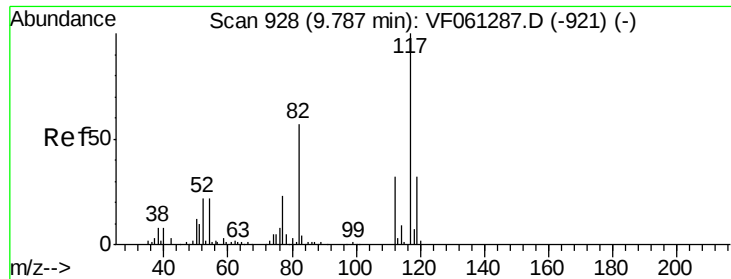


Abundance Ion 95.00 (94.70 to 95.70): VF0

Ion 174.00 (173.70 to 174.70): V

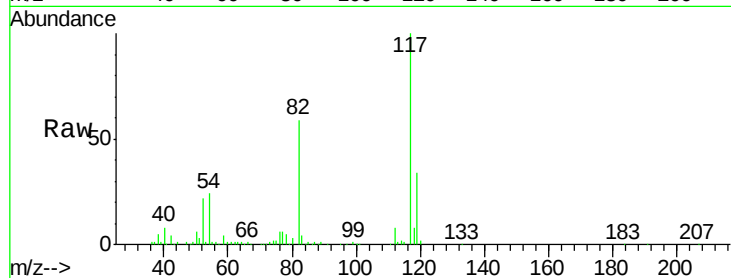
Ion 176.00 (175.70 to 176.70): V



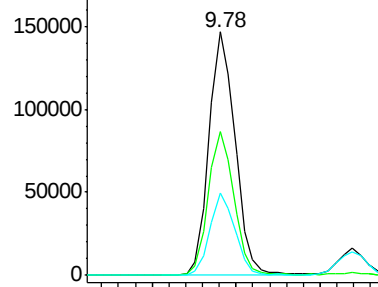


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.78 min Scan# 928
Delta R.T. -0.01 min
Lab File: VF061341.D
Acq: 10 Jan 2019 13:53

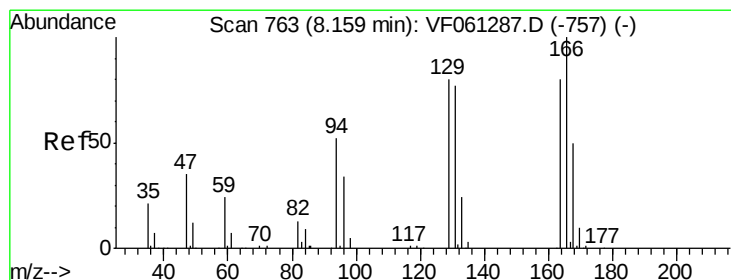
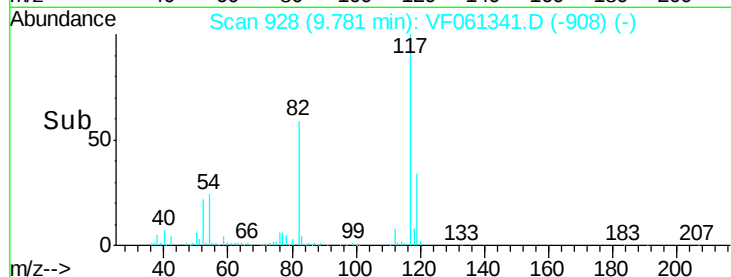
Tot Ion	Ratio	Lower	Upper
117	100		
82	59.0	45.3	67.9
119	33.6	25.4	38.0



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



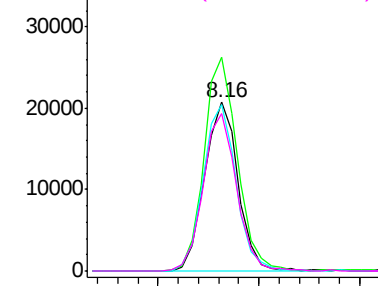
Time-->



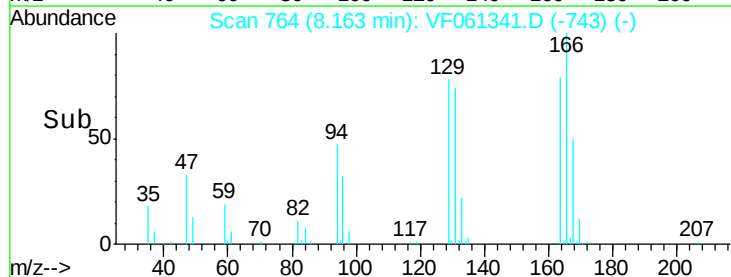
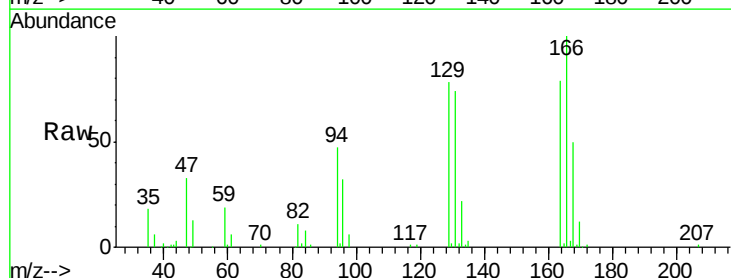
#64
Tetrachloroethene
Concen: 20.406 ug/l
RT: 8.16 min Scan# 764
Delta R.T. 0.00 min
Lab File: VF061341.D
Acq: 10 Jan 2019 13:53

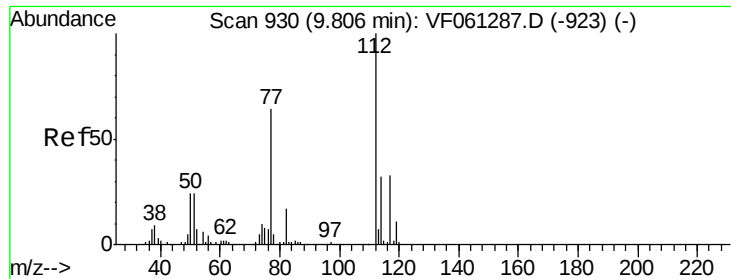
Tgt Ion	Ratio	Lower	Upper
164	100		
166	126.8	100.1	150.1
129	98.6	80.1	120.1
131	93.7	76.7	115.1

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



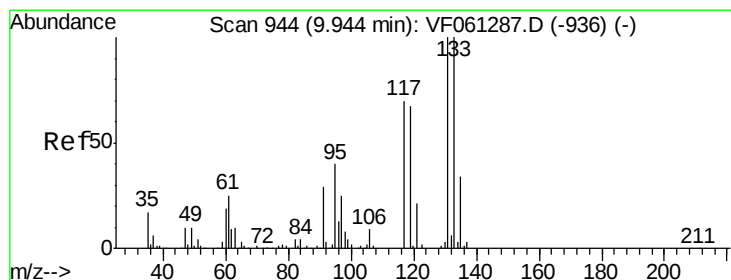
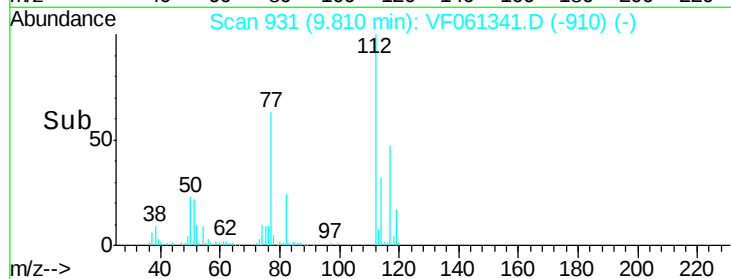
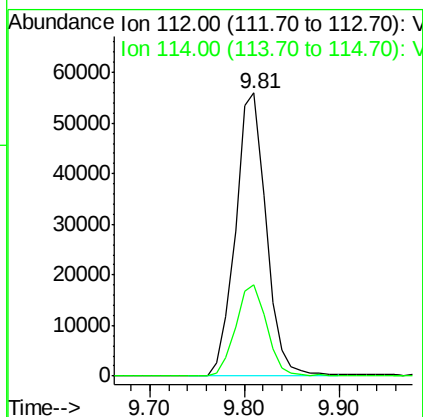
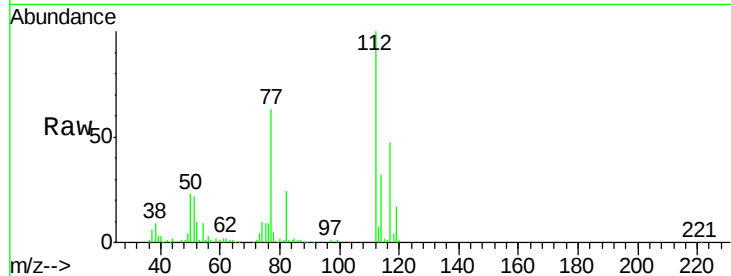
Time-->





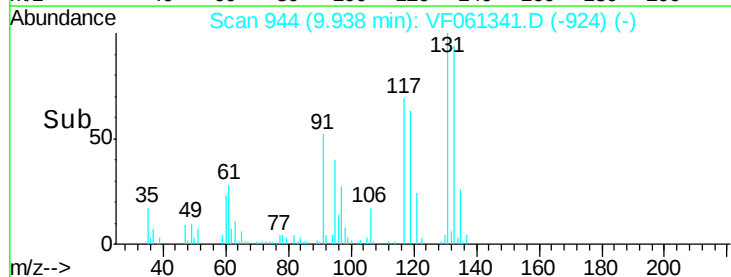
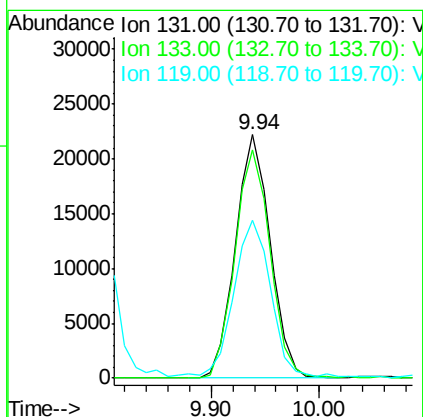
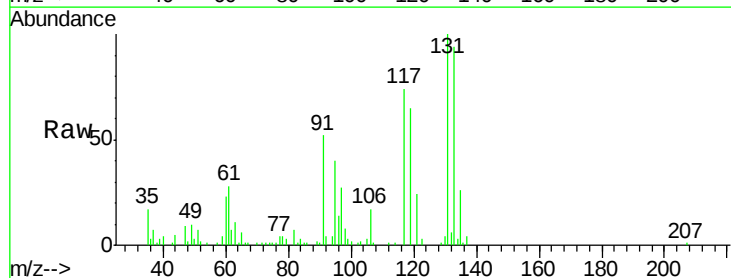
#65
Chlorobenzene
Concen: 19.452 ug/l
RT: 9.81 min Scan# 931
Delta R.T. 0.00 min
Lab File: VF061341.D
Acq: 10 Jan 2019 13:53

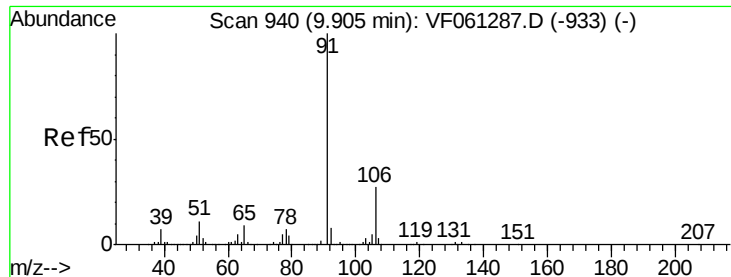
Tot Ion:112 Resp: 125906
Ion Ratio Lower Upper
112 100
114 32.2 25.8 38.8



#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

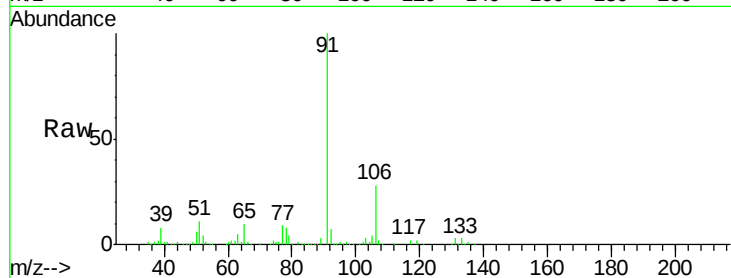
Acq: 10 Jan 2019 13:53

Tot Ion: 91 Resp: 239492

Ion Ratio Lower Upper

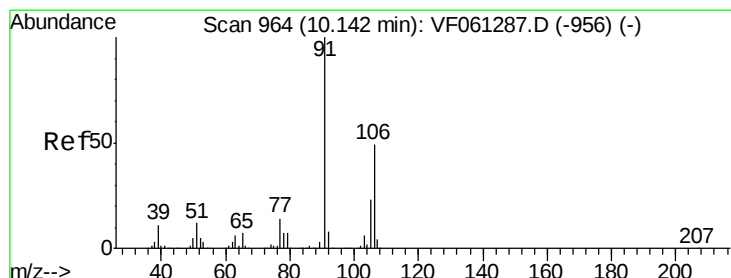
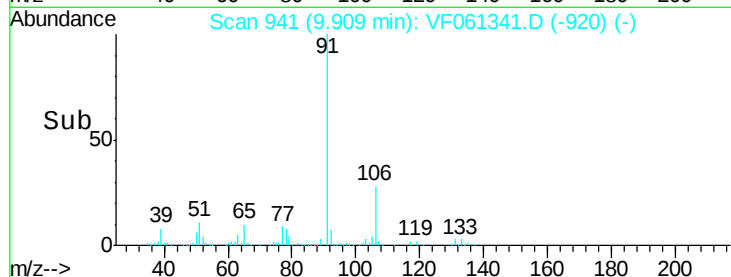
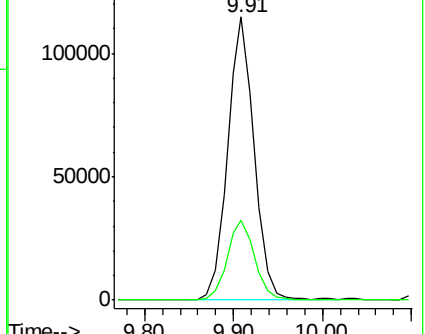
91 100

106 28.4 21.4 32.2



Abundance Ion 91.00 (90.70 to 91.70): VF0

Ion 106.00 (105.70 to 106.70): V



#68

m/p-Xylenes

Concen: 40.724 ug/l

RT: 10.14 min Scan# 964

Delta R.T. -0.01 min

Lab File: VF061341.D

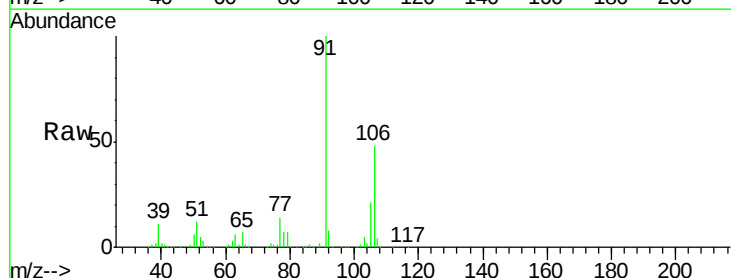
Acq: 10 Jan 2019 13:53

Tgt Ion:106 Resp: 177279

Ion Ratio Lower Upper

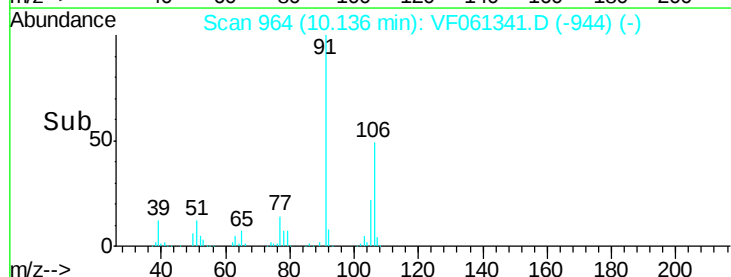
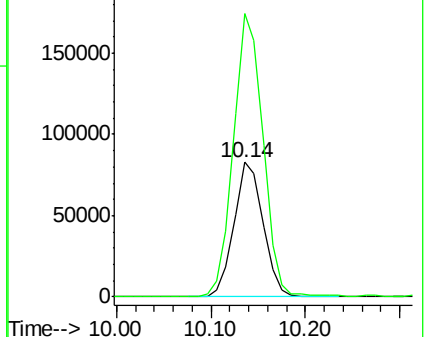
106 100

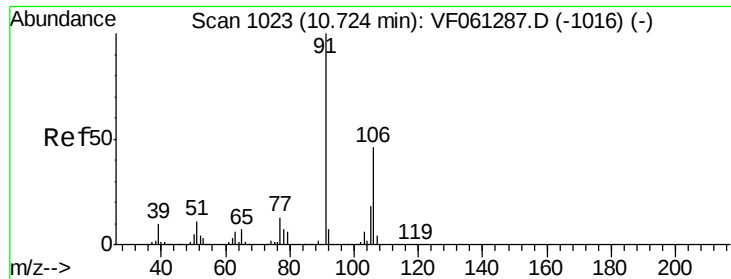
91 210.5 165.0 247.6



Abundance Ion 106.00 (105.70 to 106.70): V

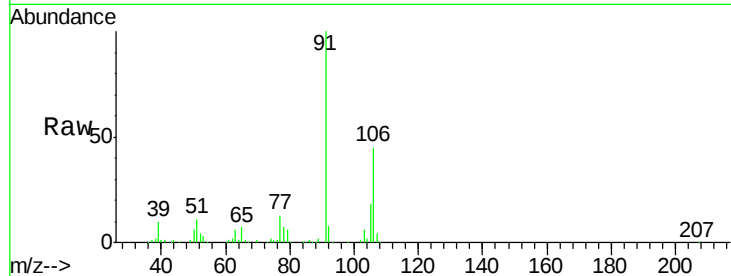
Ion 91.00 (90.70 to 91.70): VF0



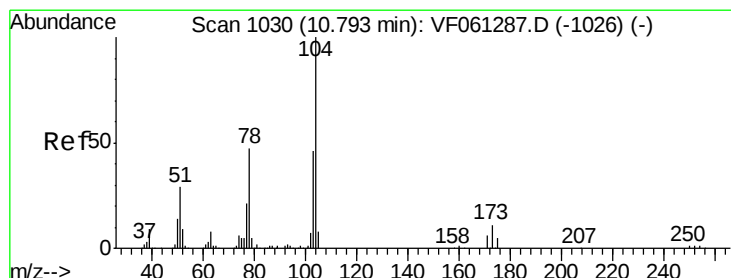
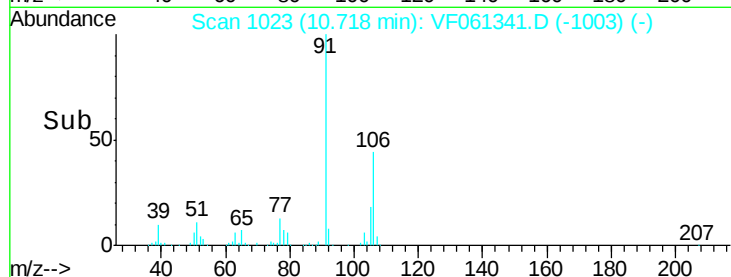
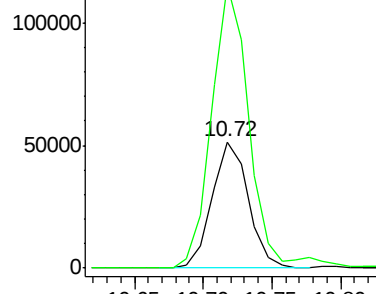


#69
o-Xylene
Concen: 19.569 ug/l
RT: 10.72 min Scan# 1023
Delta R.T. -0.01 min
Lab File: VF061341.D
Acq: 10 Jan 2019 13:53

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

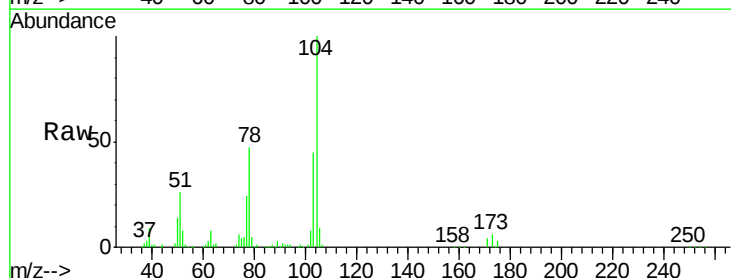


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VF0

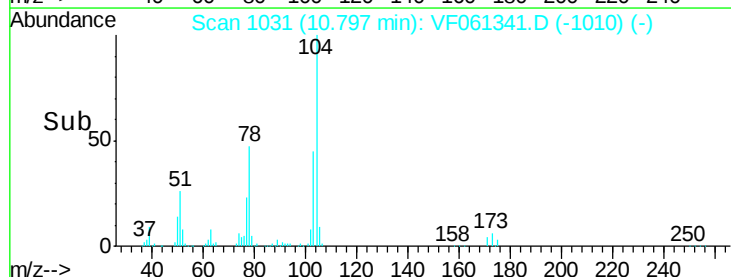
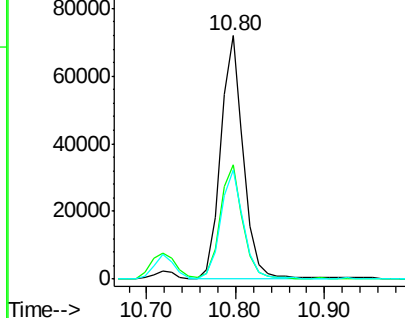


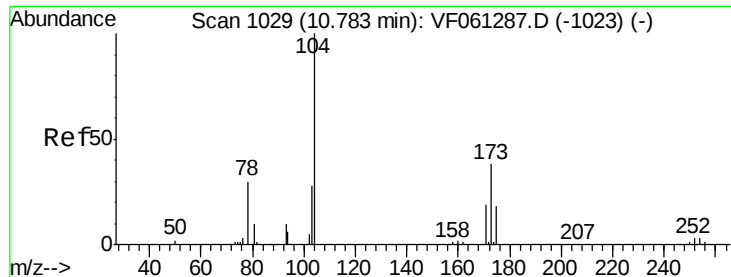
#70
Styrene
Concen: 19.702 ug/l
RT: 10.80 min Scan# 1031
Delta R.T. 0.00 min
Lab File: VF061341.D
Acq: 10 Jan 2019 13:53

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



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





#71

Bromoform

Concen: 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

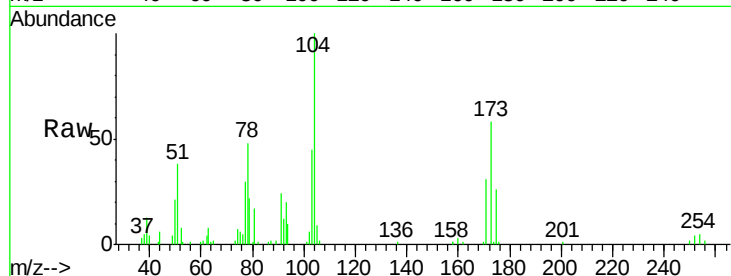
Tot Ion:173 Resp: 21312

Ion Ratio Lower Upper

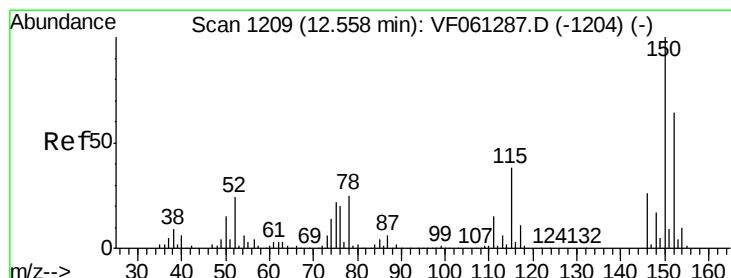
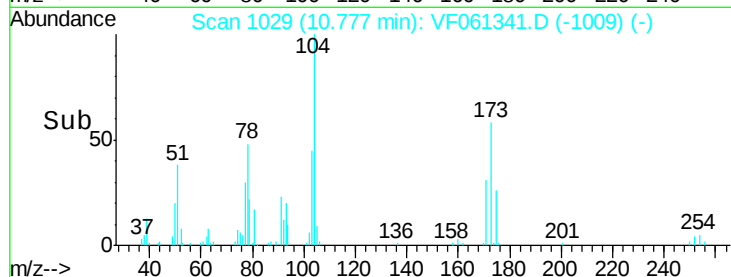
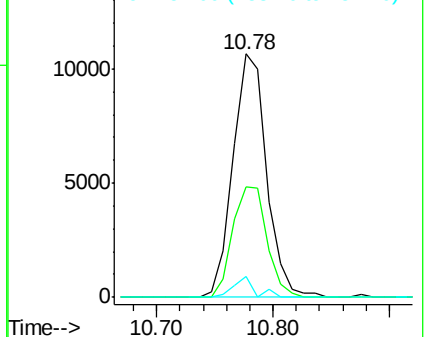
173 100

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

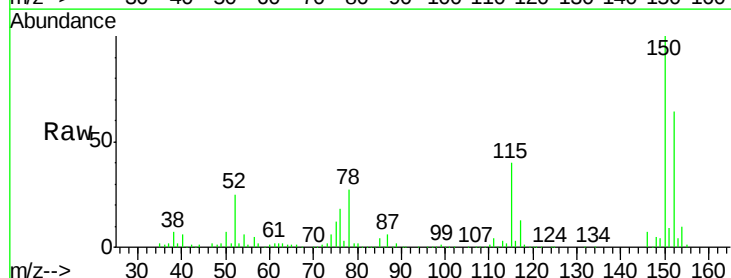
Tgt Ion:152 Resp: 172009

Ion Ratio Lower Upper

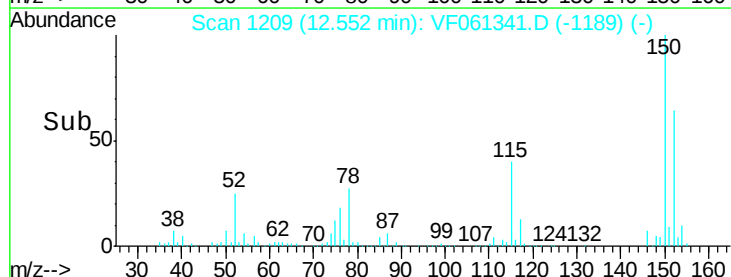
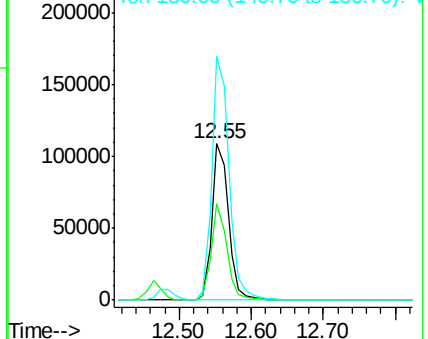
152 100

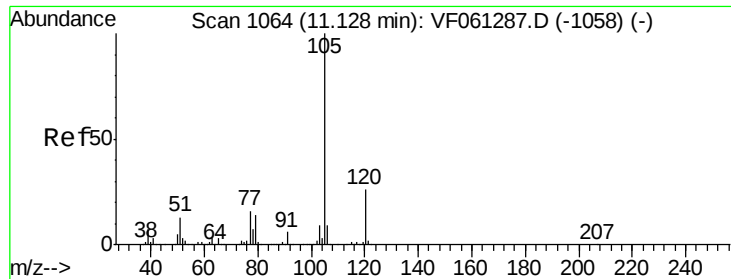
115 61.9 29.6 88.9

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

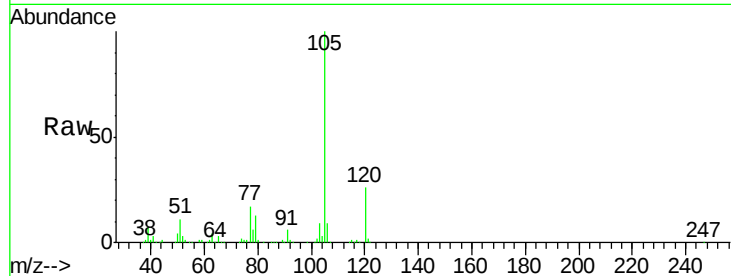
Acq: 10 Jan 2019 13:53

Tot 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

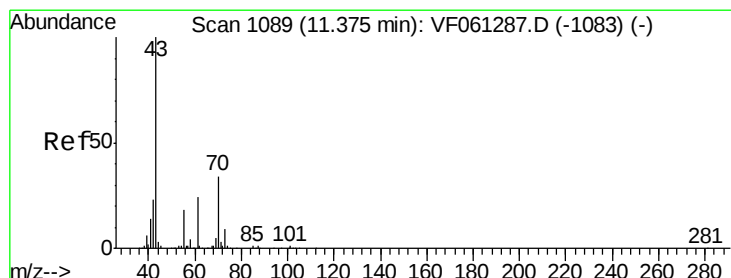
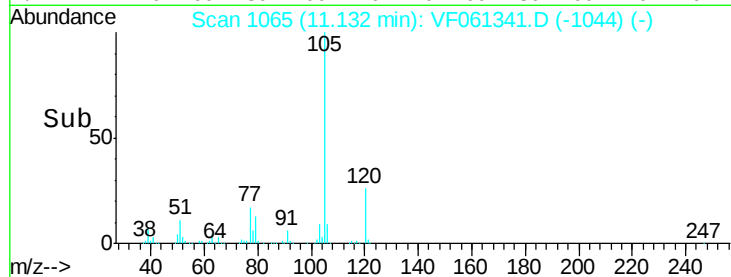
150000

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

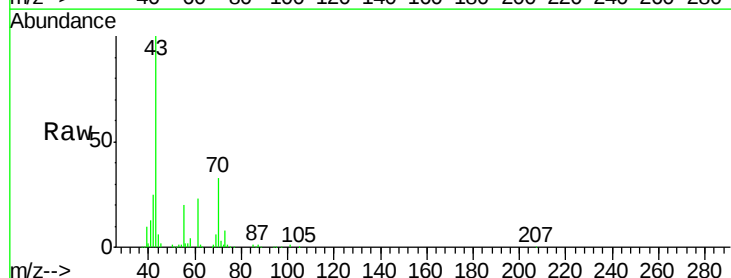
Ion Ratio Lower Upper

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

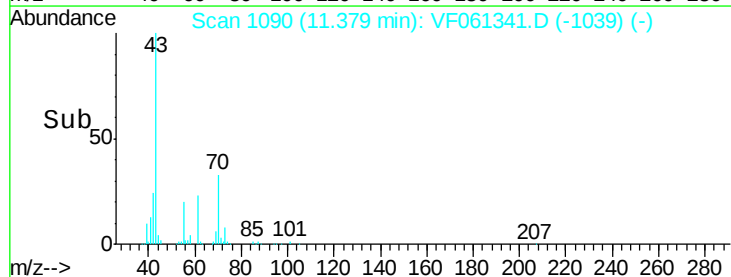
60000

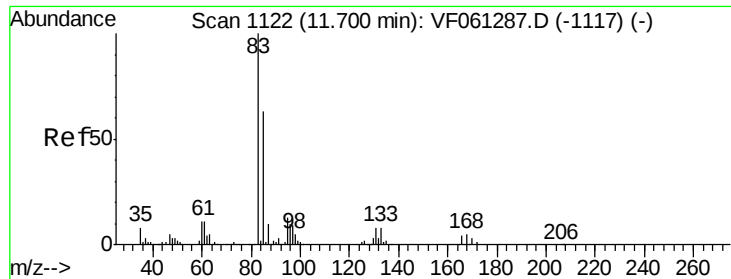
40000

20000

0

Time--> 11.30 11.40 11.50





#75

1,1,2,2-Tetrachloroethane

Concen: 19.547 ug/l

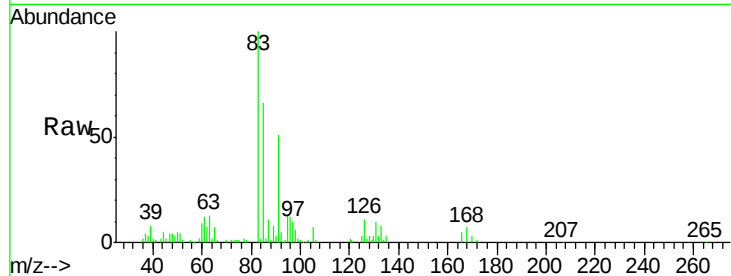
RT: 11.70 min Scan# 1123

Delta R.T. 0.00 min

Lab File: VF061341.D

Acq: 10 Jan 2019 13:53

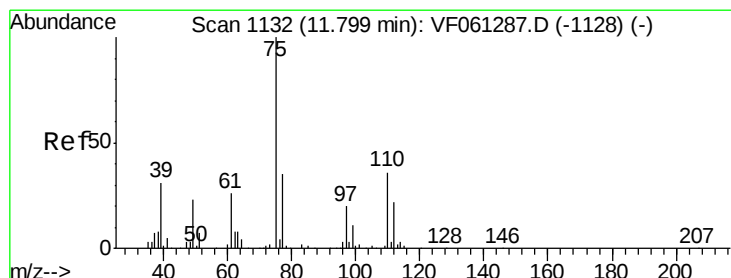
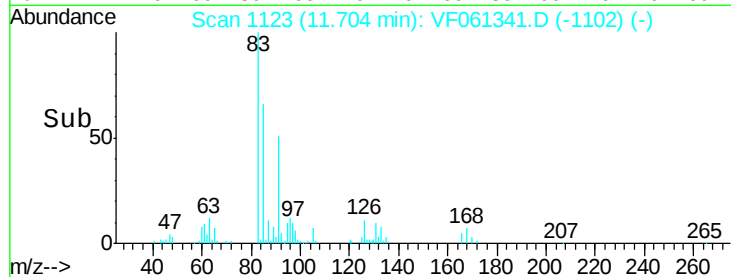
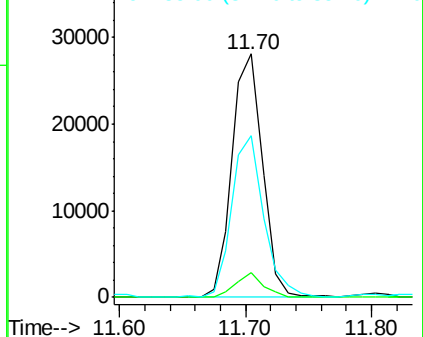
Tot Ion:	83	Resp:	46910
Ion	Ratio	Lower	Upper
83	100		
131	10.3	3.9	11.7
85	66.2	31.6	94.7



Abundance Ion 83.00 (82.70 to 83.70): VF0

Ion 131.00 (130.70 to 131.70): VF0

Ion 85.00 (84.70 to 85.70): VF0



#76

1,2,3-Trichloropropane

Concen: 18.928 ug/l

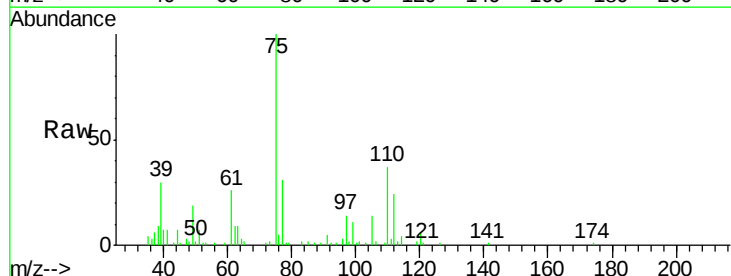
RT: 11.80 min Scan# 1133

Delta R.T. 0.00 min

Lab File: VF061341.D

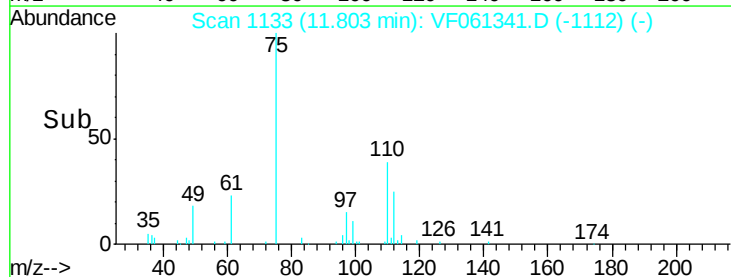
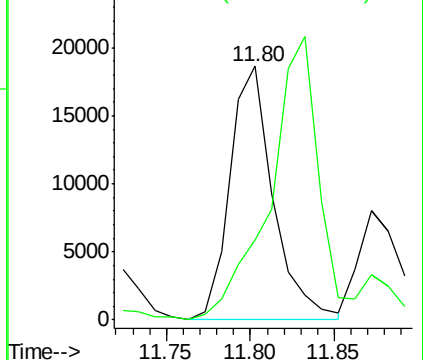
Acq: 10 Jan 2019 13:53

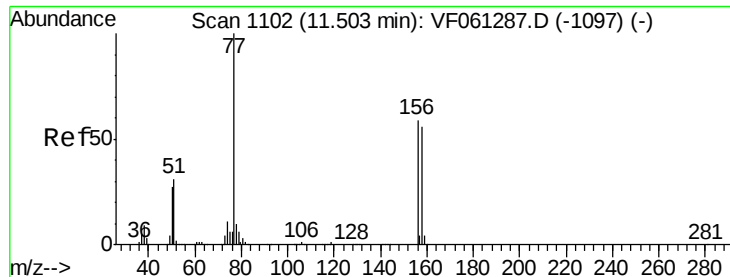
Tgt Ion:	75	Resp:	33316
Ion	Ratio	Lower	Upper
75	100		
77	31.3	17.5	52.5



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

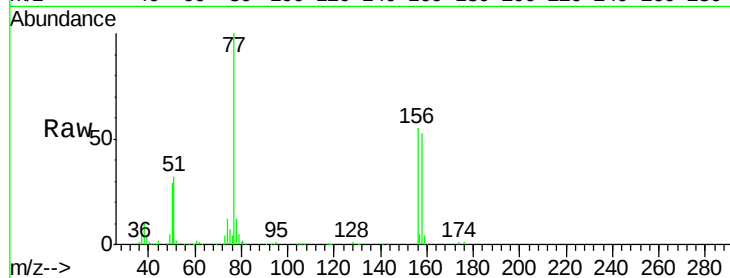
Delta R.T. -0.01 min

Lab File: VF061341.D

Acq: 10 Jan 2019 13:53

Tot Ion:156 Resp: 56550

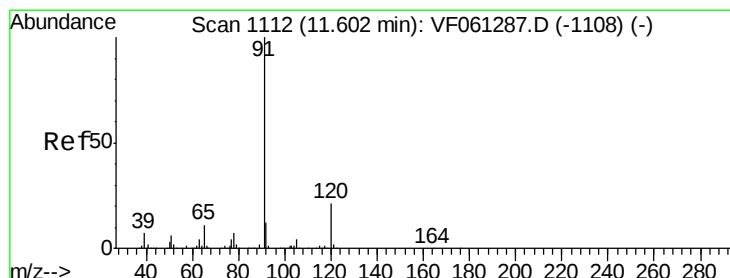
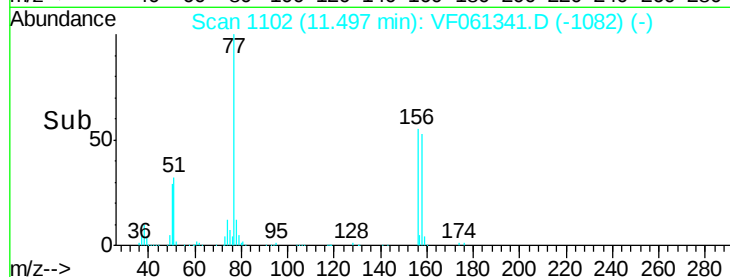
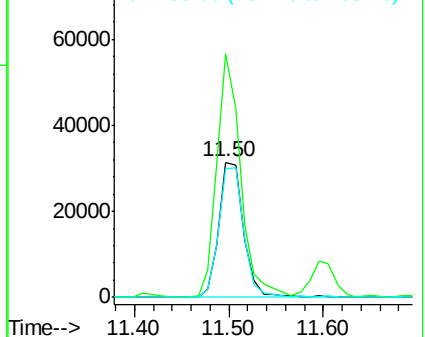
Ion	Ratio	Lower	Upper
156	100		
77	180.3	84.3	252.9
158	94.9	47.1	141.3



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

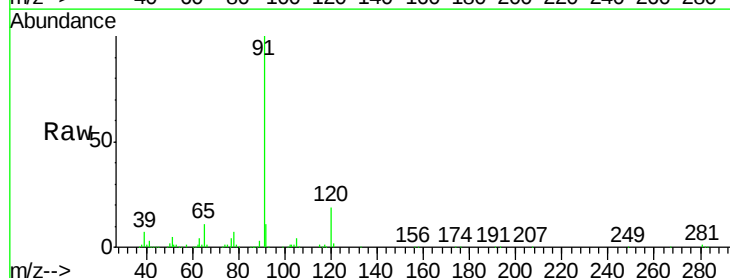
Delta R.T. -0.01 min

Lab File: VF061341.D

Acq: 10 Jan 2019 13:53

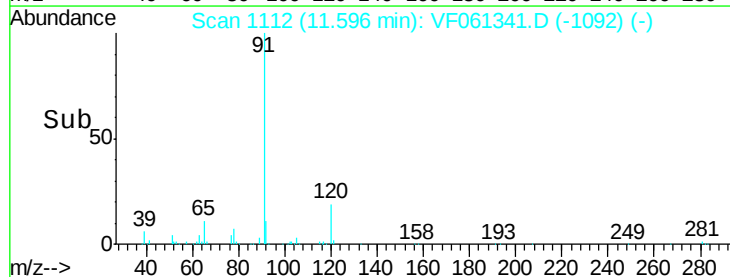
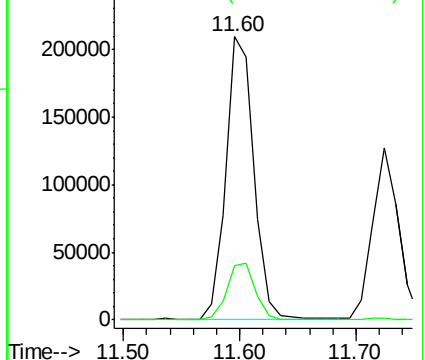
Tgt Ion: 91 Resp: 346747

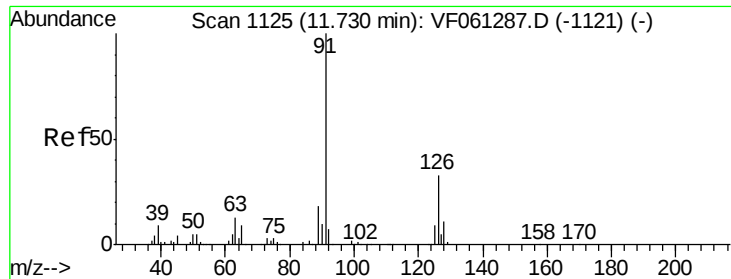
Ion	Ratio	Lower	Upper
91	100		
120	19.3	10.7	32.1



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

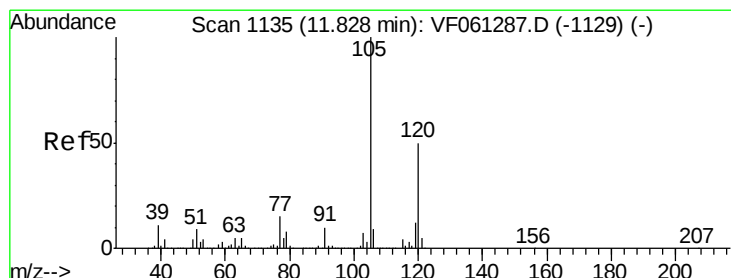
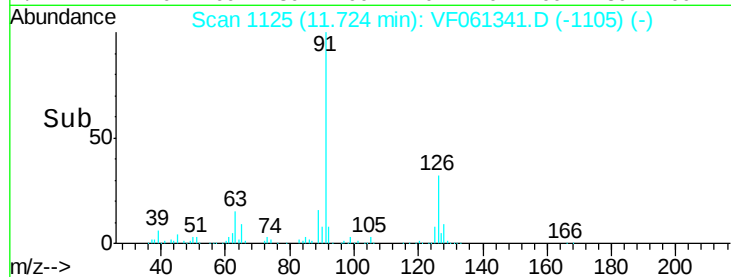
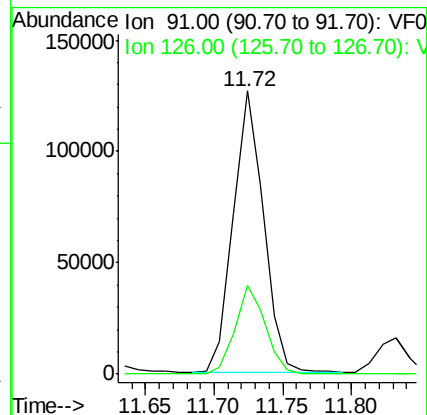
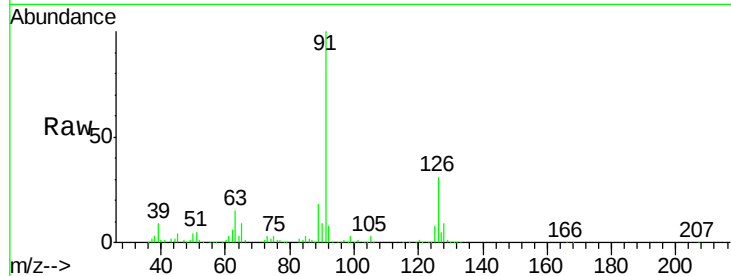
Acq: 10 Jan 2019 13:53

Tot Ion: 91 Resp: 193643

Ion Ratio Lower Upper

91 100

126 31.3 16.6 49.8



#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

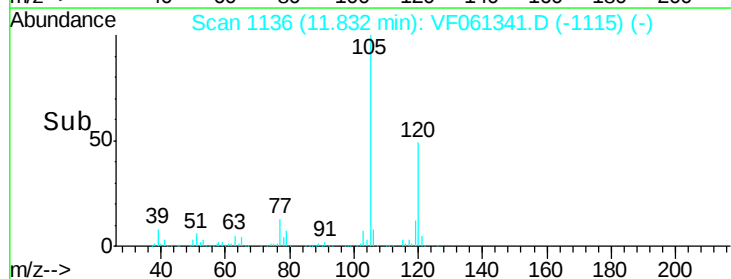
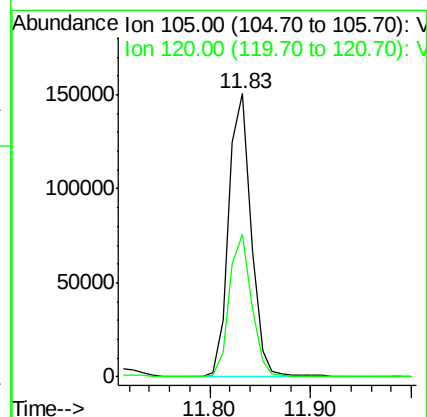
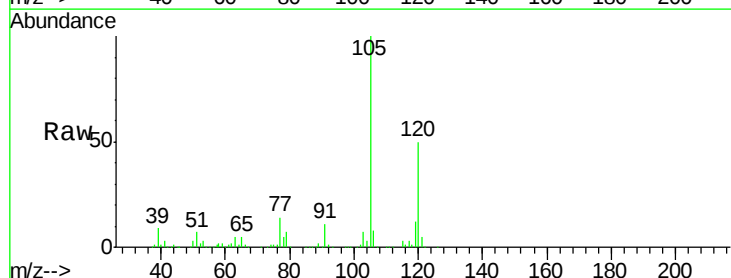
Acq: 10 Jan 2019 13:53

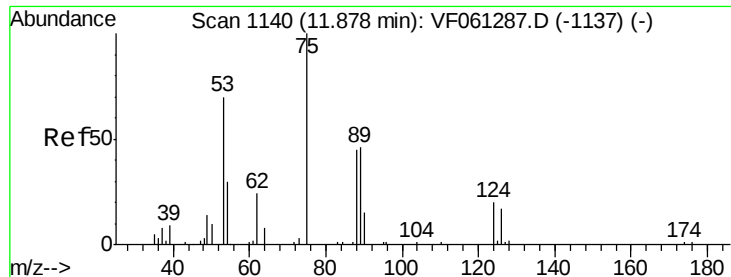
Tgt Ion:105 Resp: 234146

Ion Ratio Lower Upper

105 100

120 50.3 25.2 75.6





#81

trans-1,4-Dichloro-2-butene

Concen: 16.554 ug/l m

RT: 11.87 min Scan# 1140

Delta R.T. -0.01 min

Lab File: VF061341.D

Acq: 10 Jan 2019 13:53

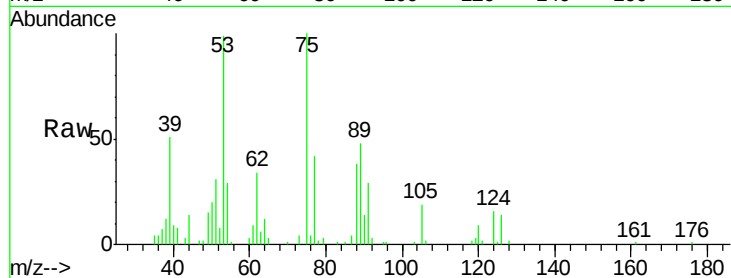
Tot Ion: 75 Resp: 12733

Ion Ratio Lower Upper

75 100

53 98.7 62.2 93.2#

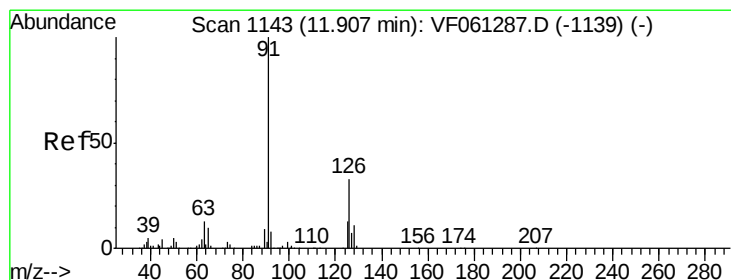
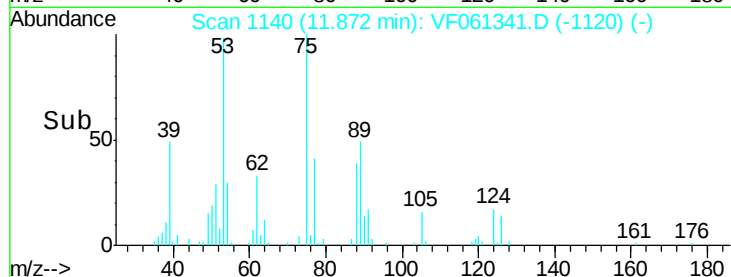
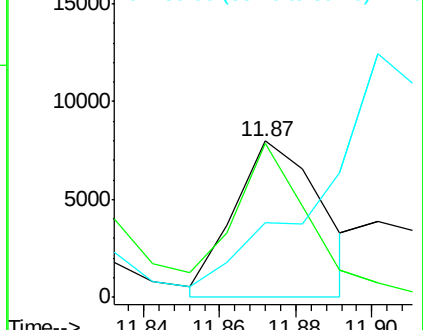
89 47.9 40.2 60.4



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

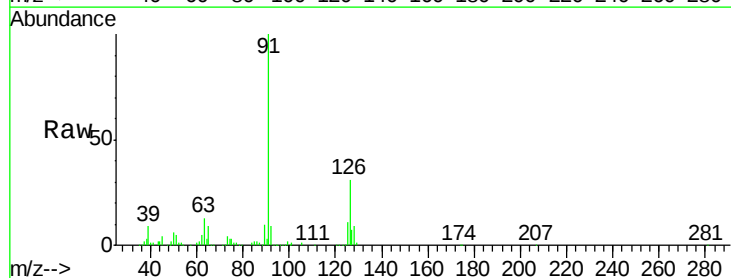
Acq: 10 Jan 2019 13:53

Tgt Ion: 91 Resp: 194198

Ion Ratio Lower Upper

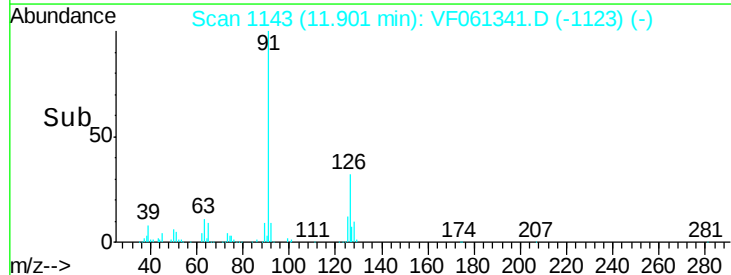
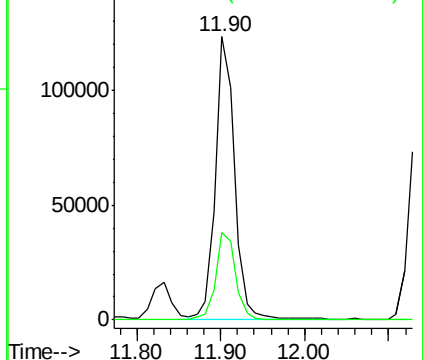
91 100

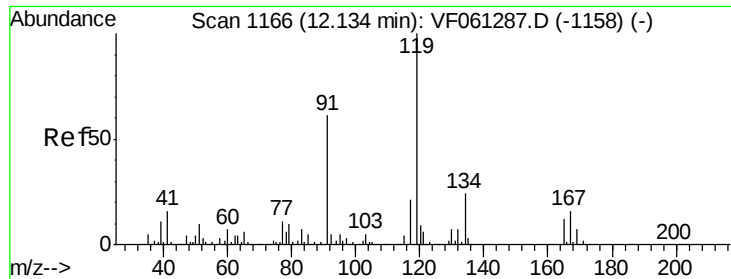
126 31.0 16.4 49.4



Abundance Ion 91.00 (90.70 to 91.70): VF0

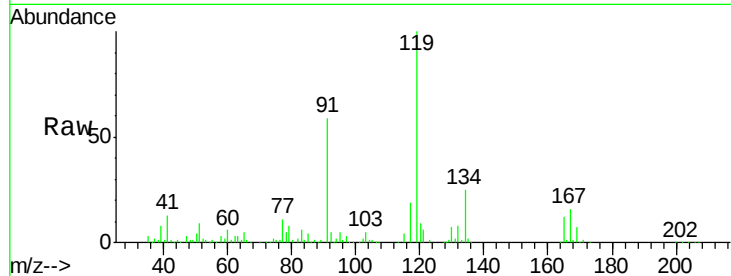
Ion 126.00 (125.70 to 126.70): V



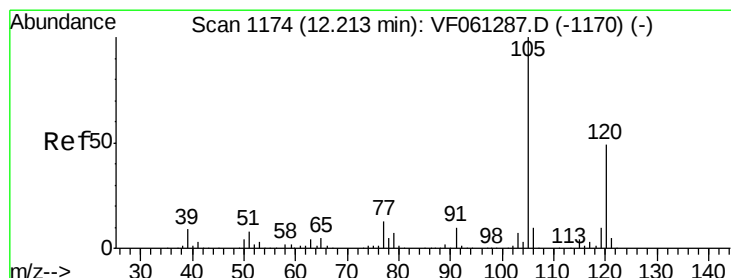
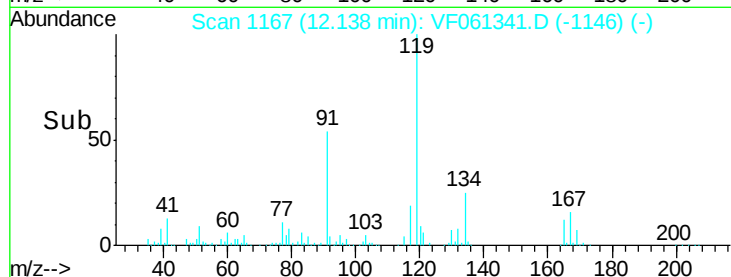
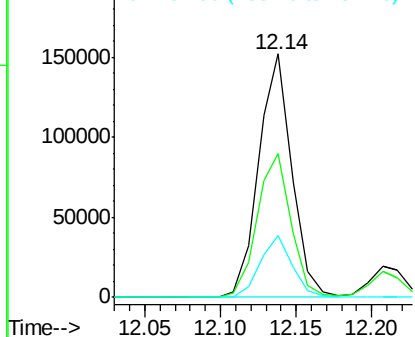


#83
tert-Butylbenzene
Concen: 19.393 ug/l
RT: 12.14 min Scan# 1167
Delta R.T. 0.00 min
Lab File: VF061341.D
Acq: 10 Jan 2019 13:53

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

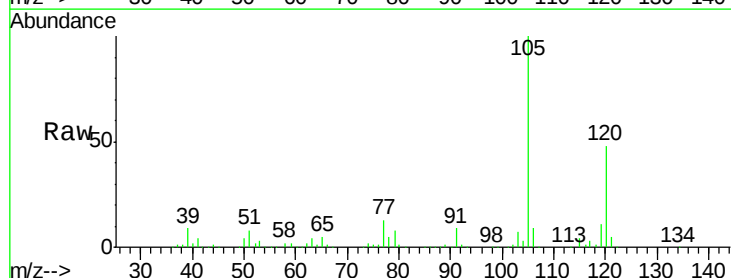


Abundance Ion 119.00 (118.70 to 119.70): V
Ion 91.00 (90.70 to 91.70): V
Ion 134.00 (133.70 to 134.70): V

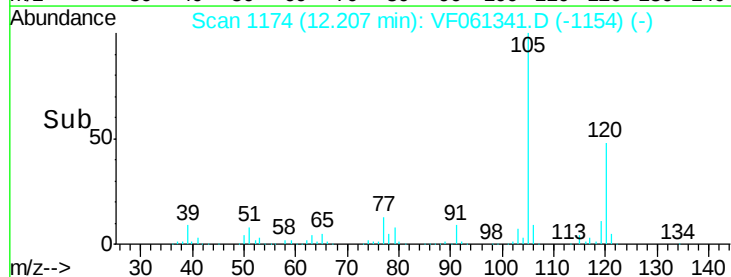
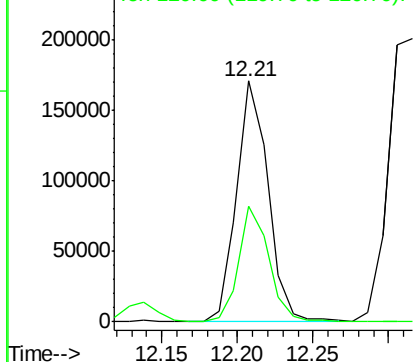


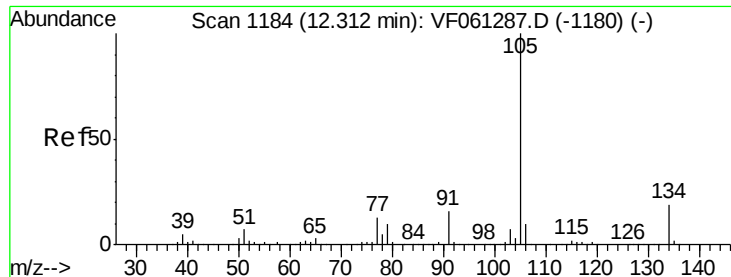
#84
1,2,4-Trimethylbenzene
Concen: 20.718 ug/l
RT: 12.21 min Scan# 1174
Delta R.T. -0.01 min
Lab File: VF061341.D
Acq: 10 Jan 2019 13:53

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

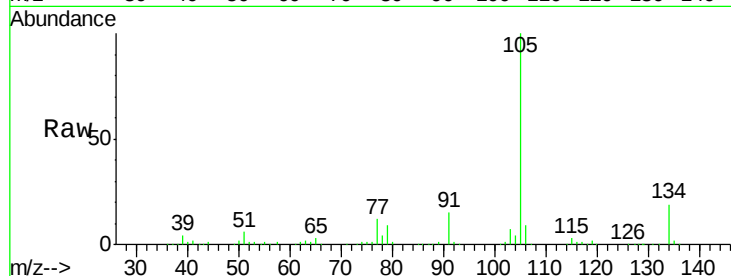
Acq: 10 Jan 2019 13:53

Tot Ion:105 Resp: 329247

Ion Ratio Lower Upper

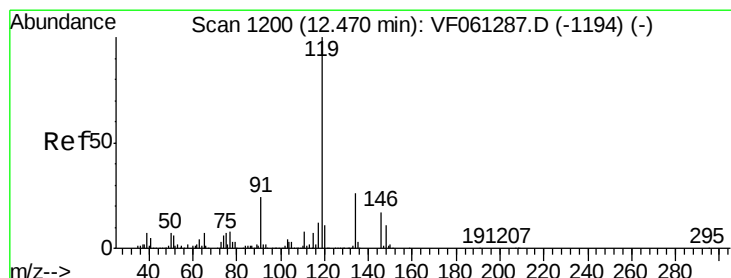
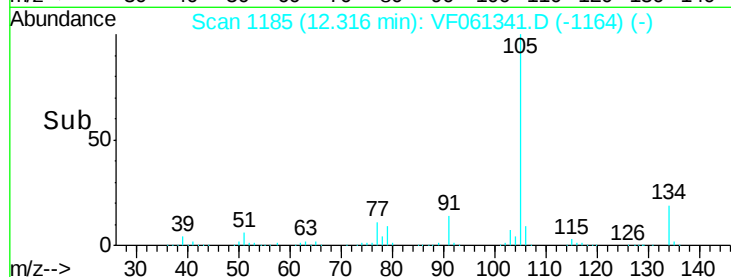
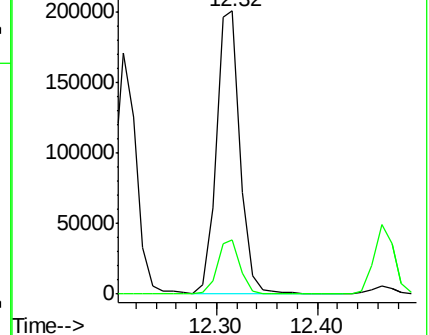
105 100

134 19.3 9.7 28.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#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

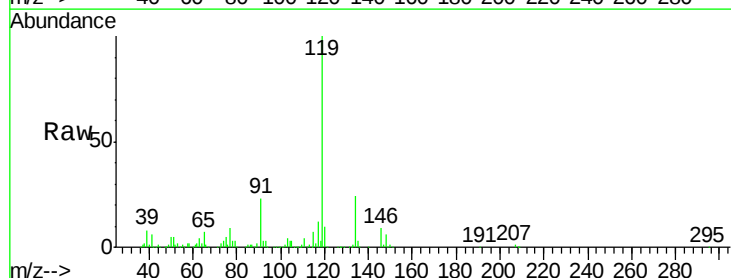
Tgt Ion:119 Resp: 282688

Ion Ratio Lower Upper

119 100

134 24.4 13.0 39.0

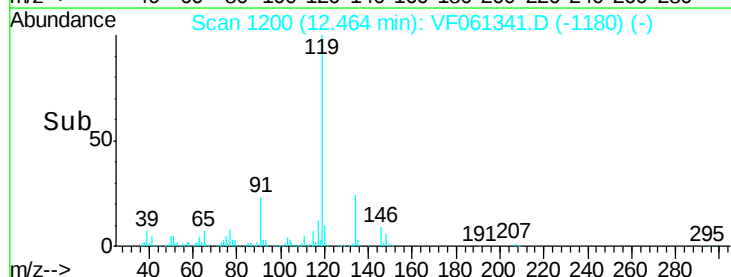
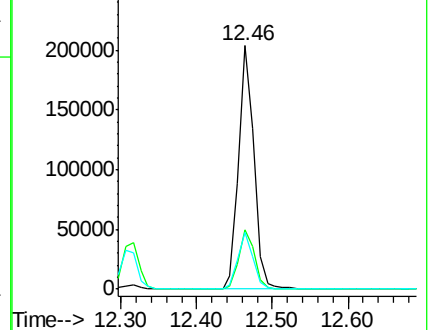
91 23.3 12.2 36.4

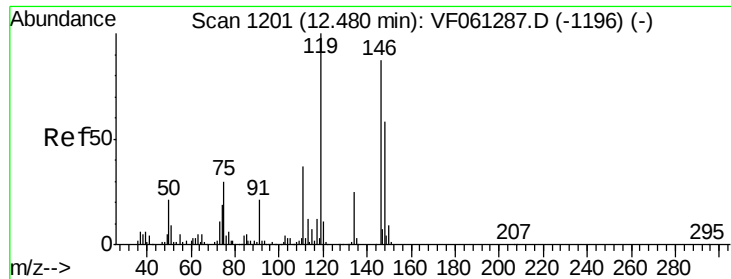


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

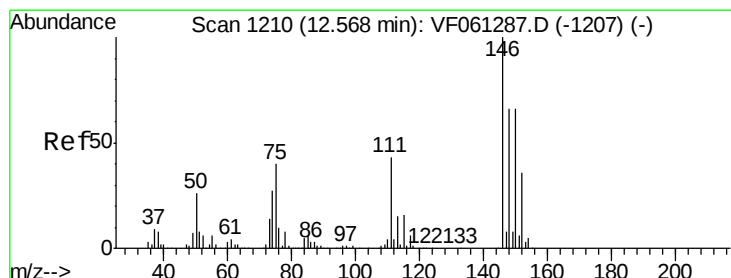
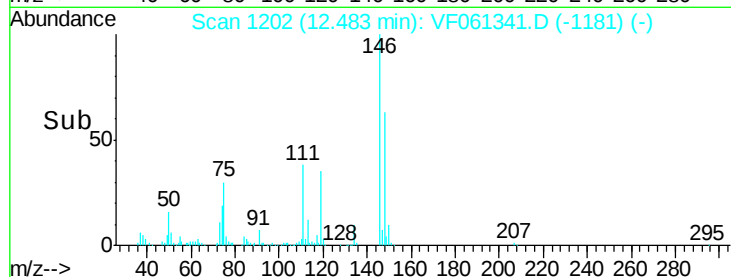
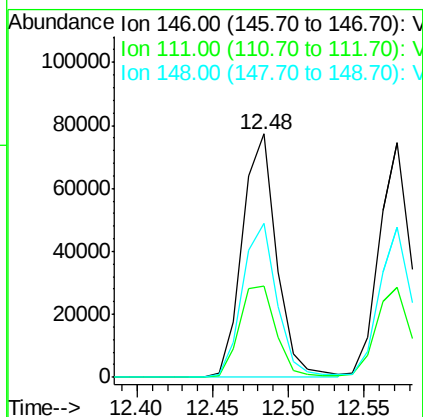
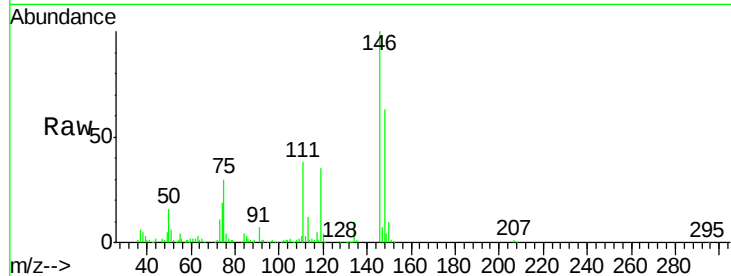
Ion 91.00 (90.70 to 91.70): VF0





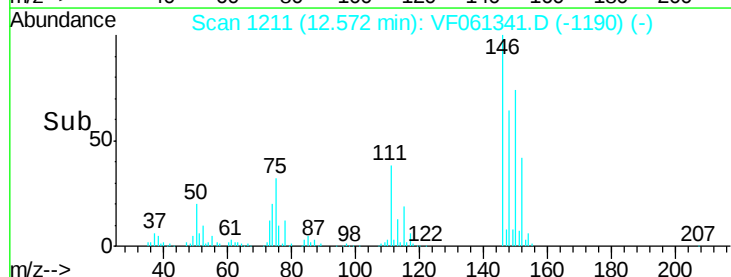
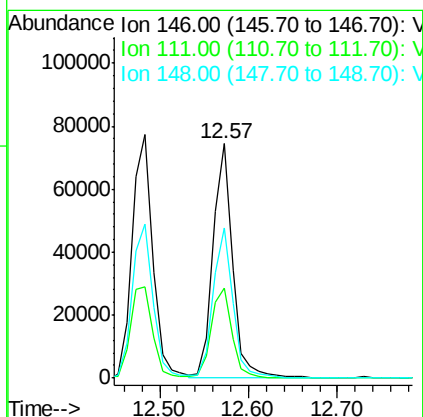
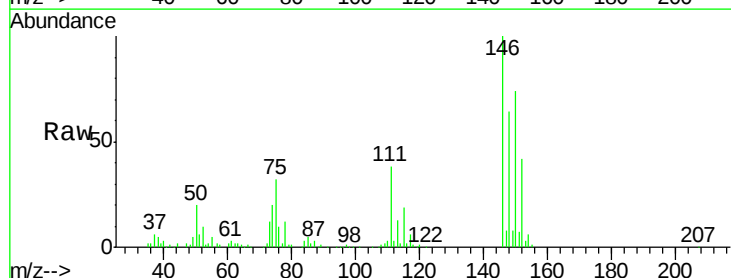
#87
 1,3-Dichlorobenzene
 Concen: 20.762 ug/l
 RT: 12.48 min Scan# 1202
 Delta R.T. 0.00 min
 Lab File: VF061341.D
 Acq: 10 Jan 2019 13:53

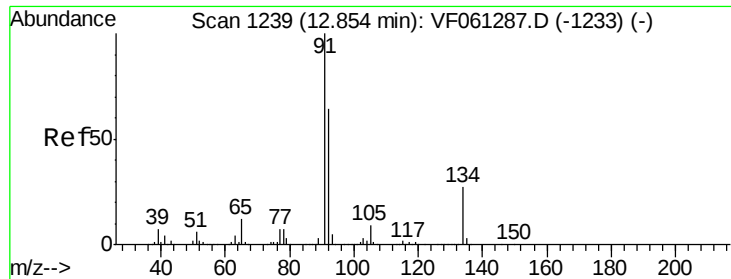
Tot Ion	Ratio	Lower	Upper
146	100		
111	37.5	21.1	63.3
148	63.1	33.1	99.5



#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

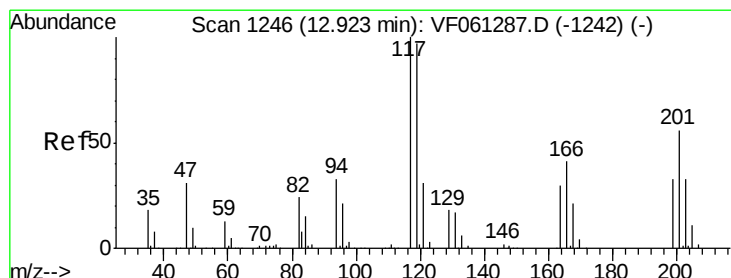
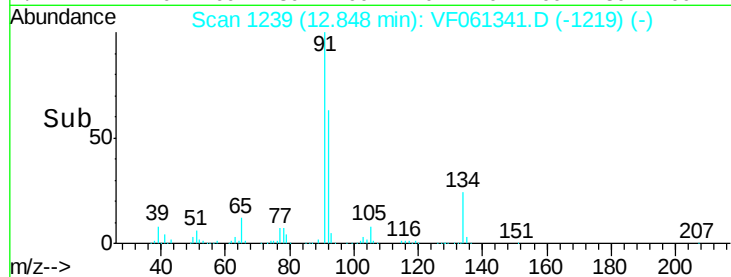
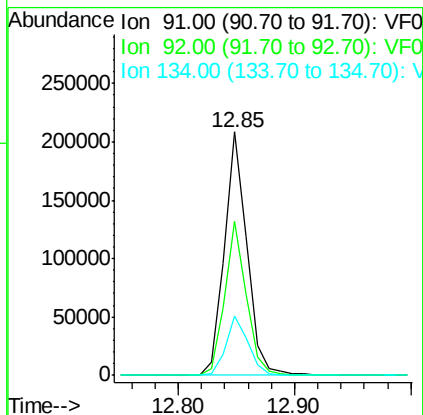
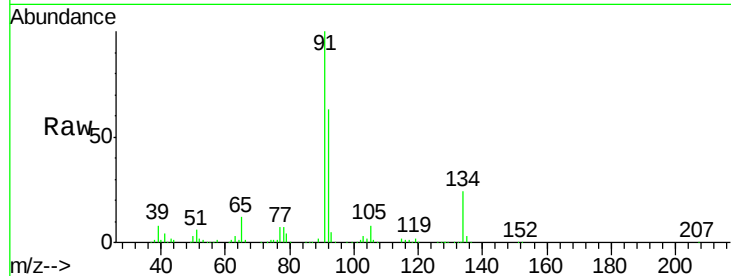
Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.3	21.4	64.2
148	64.4	33.0	98.9





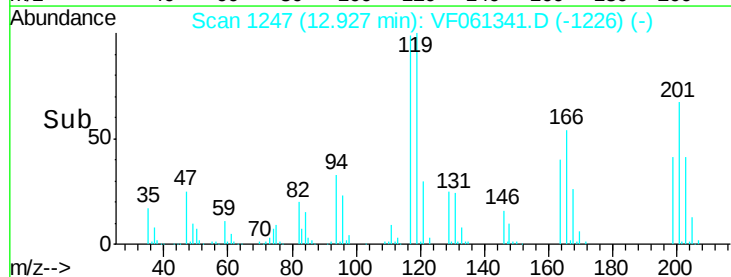
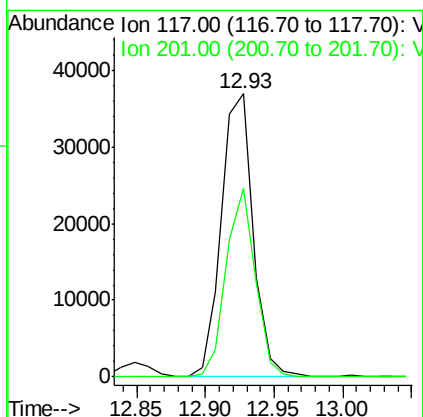
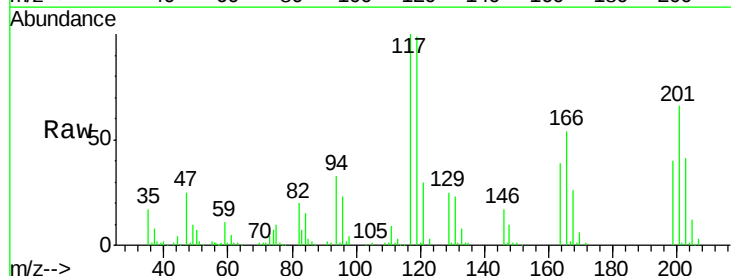
#89
n-Butylbenzene
Concen: 19.520 ug/l
RT: 12.85 min Scan# 1239
Delta R.T. -0.01 min
Lab File: VF061341.D
Acq: 10 Jan 2019 13:53

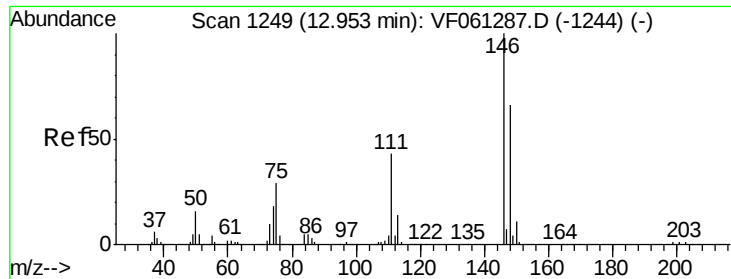
Tot Ion: 91 Resp: 278719
Ion Ratio Lower Upper
91 100
92 63.1 32.1 96.3
134 24.1 13.4 40.1



#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

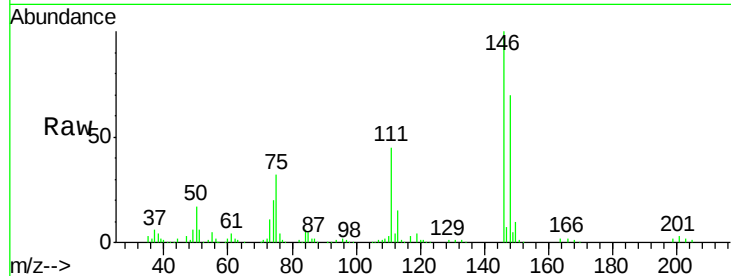
RT: 12.95 min Scan# 1249

Delta R.T. -0.01 min

Lab File: VF061341.D

Acq: 10 Jan 2019 13:53

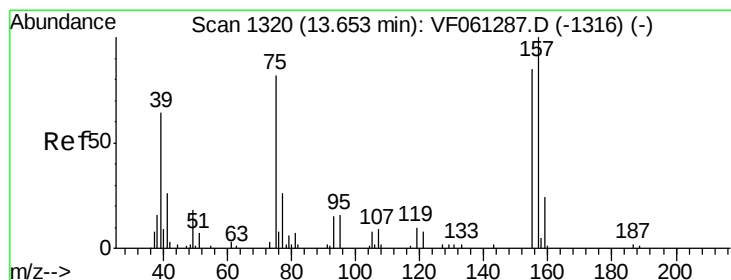
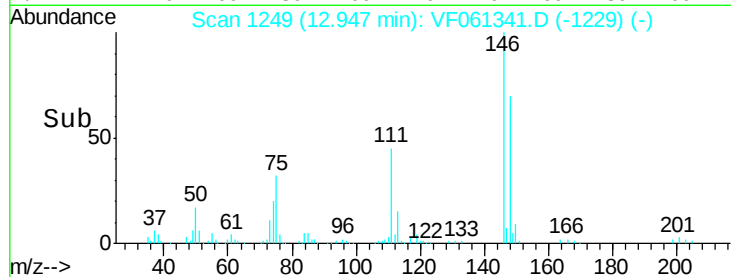
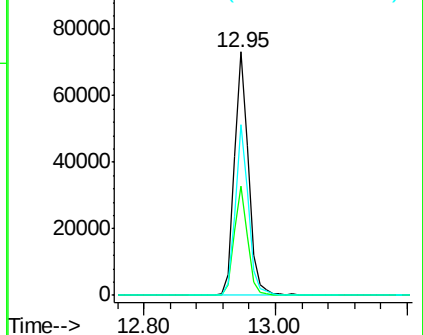
Tot Ion:	146	Resp:	110177
Ion	Ratio	Lower	Upper
146	100		
111	44.9	21.4	64.3
148	69.9	33.1	99.2



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

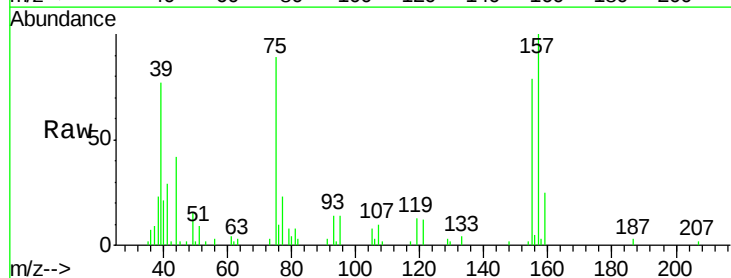
RT: 13.65 min Scan# 1320

Delta R.T. -0.01 min

Lab File: VF061341.D

Acq: 10 Jan 2019 13:53

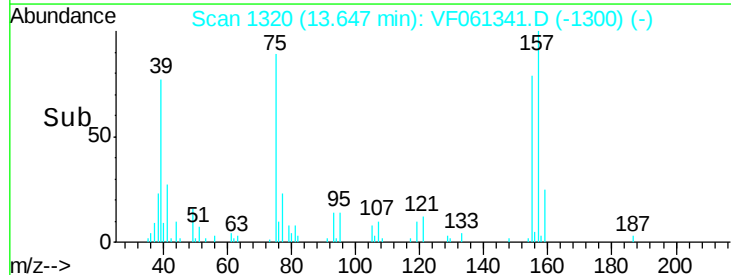
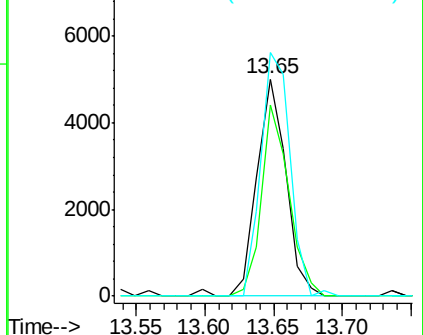
Tgt Ion:	75	Resp:	7421
Ion	Ratio	Lower	Upper
75	100		
155	88.3	51.3	154.0
157	112.2	60.7	182.0



Abundance Ion 75.00 (74.70 to 75.70): VF0

Ion 155.00 (154.70 to 155.70): V

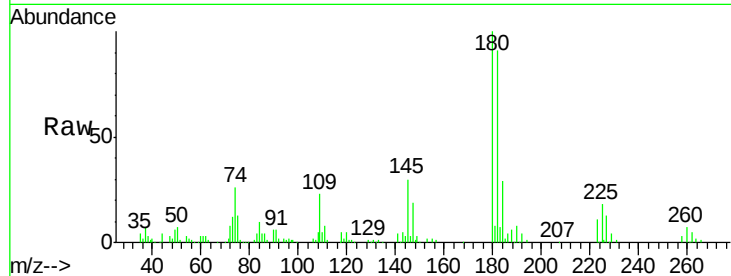
Ion 157.00 (156.70 to 157.70): V



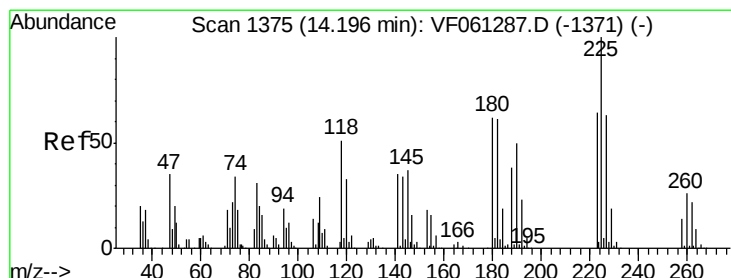
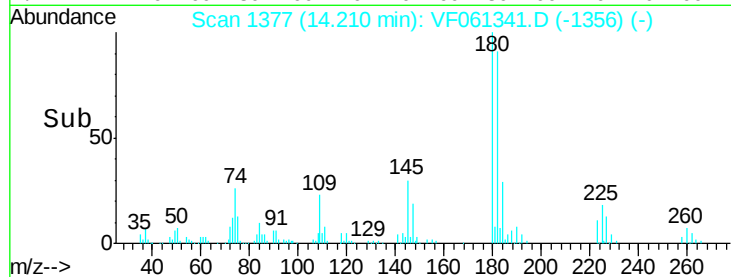
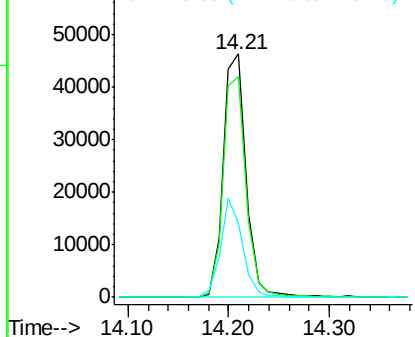


#93
 1,2,4-Trichlorobenzene
 Concen: 18.997 ug/l
 RT: 14.21 min Scan# 1377
 Delta R.T. 0.00 min
 Lab File: VF061341.D
 Acq: 10 Jan 2019 13:53

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

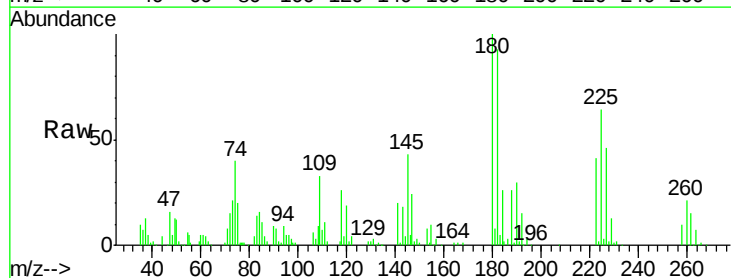


Abundance Ion 180.00 (179.70 to 180.70): V
 Ion 182.00 (181.70 to 182.70): V
 Ion 145.00 (144.70 to 145.70): V

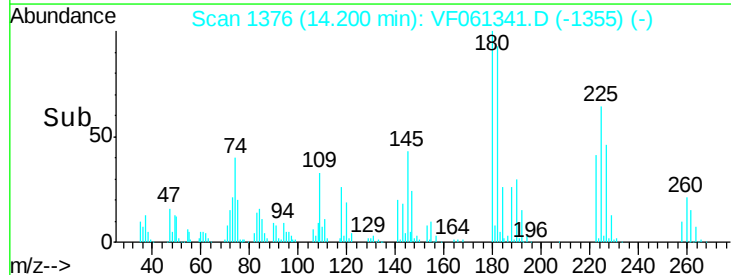
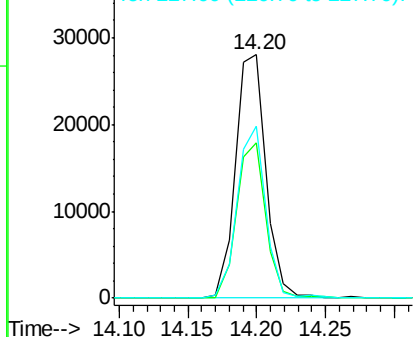


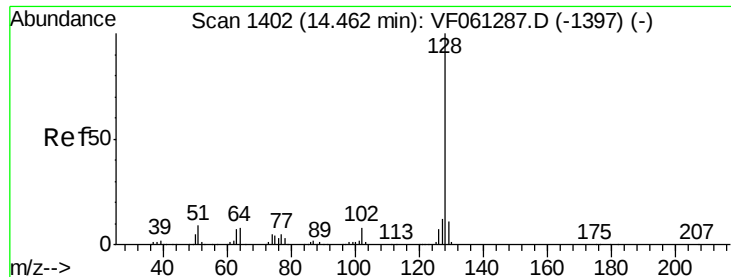
#94
 Hexachlorobutadiene
 Concen: 17.458 ug/l
 RT: 14.20 min Scan# 1376
 Delta R.T. 0.00 min
 Lab File: VF061341.D
 Acq: 10 Jan 2019 13:53

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



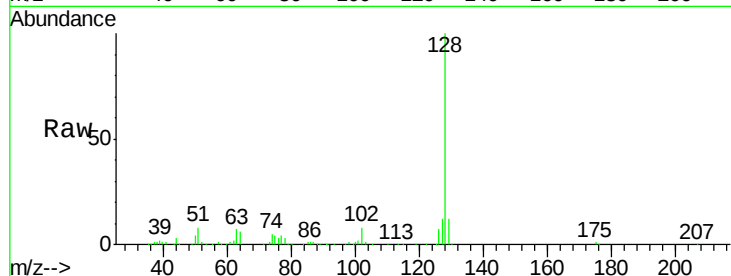
Abundance Ion 225.00 (224.70 to 225.70): V
 Ion 223.00 (222.70 to 223.70): V
 Ion 227.00 (226.70 to 227.70): V



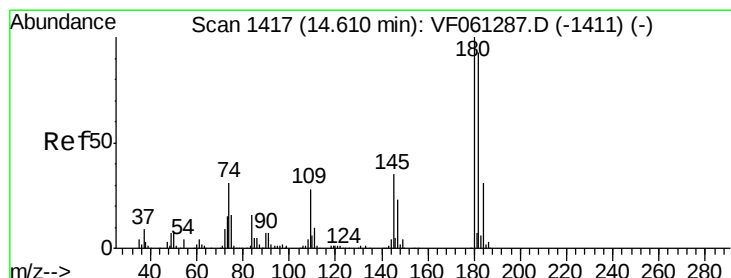
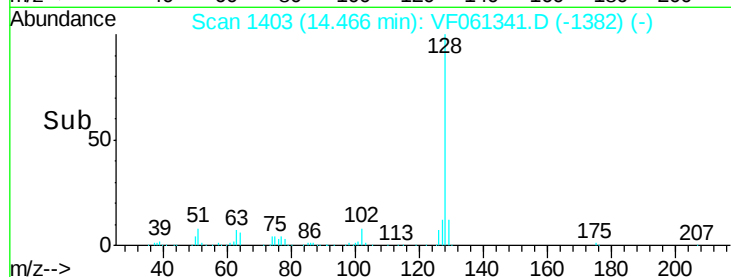
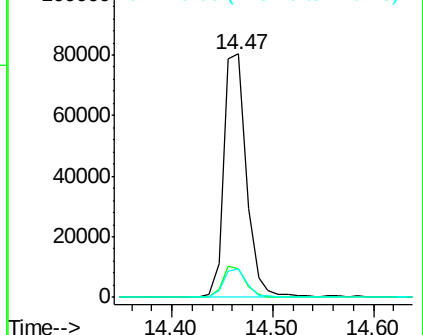


#95
Naphthalene
Concen: 17.394 ug/l
RT: 14.47 min Scan# 1403
Delta R.T. 0.00 min
Lab File: VF061341.D
Acq: 10 Jan 2019 13:53

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

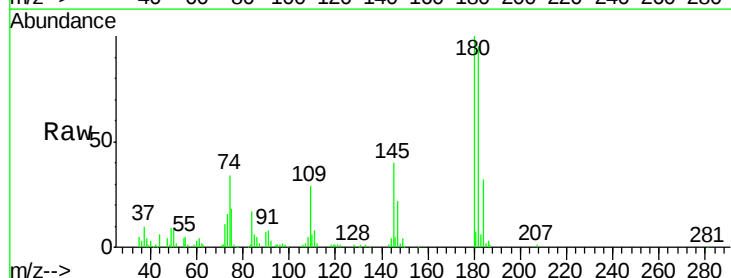


Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V



#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

