

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF011019\
 Data File : VF061340.D
 Acq On : 10 Jan 2019 13:24
 Operator : VA/AP
 Sample : VF0110SBS01
 Misc : 5.00µg/5mL/MSVOA-F/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Quant Time: Jan 11 00:43:40 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	193419	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.61	114	338431	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.78	117	310304	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.55	152	162344	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	4.85	65	112572	52.29	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.58%	
35) Dibromofluoromethane	4.13	113	129215	49.90	ug/l	0.01
Spiked Amount	50.000		Recovery	=	99.80%	
50) Toluene-d8	7.56	98	377491	49.26	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.52%	
62) 4-Bromofluorobenzene	11.42	95	174298	52.09	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.18%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	0.96	85	71405	20.014	ug/l	91
3) Chloromethane	1.10	50	59947	18.855	ug/l	97
4) Vinyl Chloride	1.14	62	52063	18.335	ug/l	94
5) Bromomethane	1.31	94	35525	16.820	ug/l	100
6) Chloroethane	1.39	64	23972	17.288	ug/l	99
7) Trichlorofluoromethane	1.48	101	88937	18.476	ug/l	95
8) Diethyl Ether	1.63	74	13553	19.173	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	1.83	101	46234	18.190	ug/l #	92
10) Methyl Iodide	1.90	142	74982m	18.829	ug/l	
11) Tert butyl alcohol	2.58	59	9712	112.672	ug/l	92
12) 1,1-Dichloroethene	1.79	96	34877	17.159	ug/l	96
13) Acrolein	2.01	56	9326	85.555	ug/l	100
14) Allyl chloride	2.10	41	62254	16.757	ug/l	96
15) Acrylonitrile	2.95	53	28398	92.936	ug/l	95
16) Acetone	2.25	43	61313	122.428	ug/l #	91
17) Carbon Disulfide	1.80	76	108136	16.107	ug/l #	94
18) Methyl Acetate	2.35	43	22048m	22.376	ug/l	
19) Methyl tert-butyl Ether	2.43	73	75794	19.569	ug/l	98
20) Methylene Chloride	2.19	84	37256m	17.584	ug/l	
21) trans-1,2-Dichloroethene	2.31	96	40434	18.773	ug/l	96
22) Diisopropyl ether	2.81	45	132722	18.466	ug/l	94
23) Vinyl Acetate	3.19	43	237403	112.943	ug/l #	95
24) 1,1-Dichloroethane	2.88	63	76767	18.464	ug/l	99
25) 2-Butanone	4.35	43	94621	117.389	ug/l	99
26) 2,2-Dichloropropane	3.62	77	43732	15.740	ug/l	97
27) cis-1,2-Dichloroethene	3.49	96	60140	19.999	ug/l	95
28) Bromochloromethane	3.72	49	38162	20.818	ug/l #	95
29) Tetrahydrofuran	4.09	42	36273	107.630	ug/l	97
30) Chloroform	3.87	83	98653	18.692	ug/l	98
31) Cyclohexane	3.71	56	82831	18.990	ug/l	97
32) 1,1,1-Trichloroethane	4.10	97	79922	18.747	ug/l	96
36) 1,1-Dichloropropene	4.30	75	80670	20.412	ug/l	96
37) Ethyl Acetate	4.12	43	33898	23.554	ug/l #	68
38) Carbon Tetrachloride	4.00	117	67041	17.911	ug/l	92

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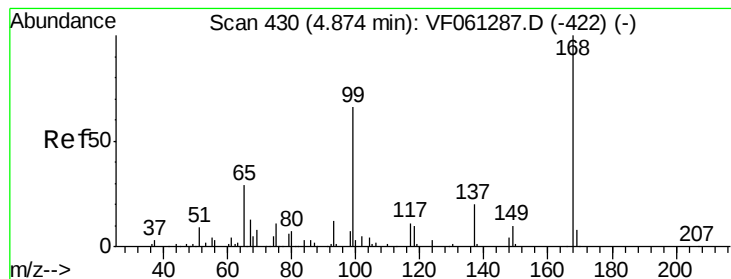
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	5.46	83	87555	17.706	ug/l	94
40) Benzene	4.64	78	171816	18.622	ug/l	99
41) Methacrylonitrile	4.75	41	16023	19.937	ug/l #	88
42) 1,2-Dichloroethane	4.95	62	59503	20.714	ug/l	99
43) Isopropyl Acetate	6.97	43	43174	22.722	ug/l #	96
44) Trichloroethene	5.51	130	58531	21.676	ug/l	96
45) 1,2-Dichloropropane	6.24	63	47009	20.035	ug/l	97
46) Dibromomethane	6.10	93	30599	21.240	ug/l	89
47) Bromodichloromethane	6.40	83	74642	20.833	ug/l	95
48) Methyl methacrylate	6.72	41	29036	23.543	ug/l	93
49) 1,4-Dioxane	6.71	88	3544	455.404	ug/l #	86
51) 4-Methyl-2-Pentanone	8.26	43	161130	112.351	ug/l	95
52) Toluene	7.63	92	119025	20.070	ug/l	94
53) t-1,3-Dichloropropene	8.28	75	60792	21.606	ug/l	99
54) cis-1,3-Dichloropropene	7.31	75	81304	21.793	ug/l	97
55) 1,1,2-Trichloroethane	8.50	97	36970	22.277	ug/l	97
56) Ethyl methacrylate	8.63	69	41270	22.251	ug/l	97
57) 1,3-Dichloropropane	8.86	76	66147	22.522	ug/l	99
58) 2-Chloroethyl Vinyl ether	7.31	63	9802	124.013	ug/l #	75
59) 2-Hexanone	9.50	43	123665	121.713	ug/l	100
60) Dibromochloromethane	8.73	129	47884	21.669	ug/l	87
61) 1,2-Dibromoethane	8.99	107	38244	22.607	ug/l	96
64) Tetrachloroethene	8.15	164	49670	21.985	ug/l	98
65) Chlorobenzene	9.80	112	131806	21.035	ug/l	96
66) 1,1,1,2-Tetrachloroethane	9.94	131	52194	20.414	ug/l	95
67) Ethyl Benzene	9.91	91	254594	21.073	ug/l	96
68) m/p-Xylenes	10.14	106	188955	44.836	ug/l	99
69) o-Xylene	10.72	106	99803	21.200	ug/l	99
70) Styrene	10.80	104	139555	22.252	ug/l	98
71) Bromoform	10.78	173	24546	23.491	ug/l #	94
73) Isopropylbenzene	11.13	105	300457	21.033	ug/l	99
74) N-amyl acetate	11.38	43	75331	23.198	ug/l	96
75) 1,1,2,2-Tetrachloroethane	11.71	83	50357	22.232	ug/l	91
76) 1,2,3-Trichloropropane	11.80	75	36721	22.104	ug/l	97
77) Bromobenzene	11.50	156	59593	20.969	ug/l	88
78) n-propylbenzene	11.60	91	362731	21.296	ug/l	98
79) 2-Chlorotoluene	11.72	91	201349	21.218	ug/l	96
80) 1,3,5-Trimethylbenzene	11.83	105	256062	22.527	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.87	75	15928m	21.940	ug/l	
82) 4-Chlorotoluene	11.90	91	201520	20.899	ug/l	97
83) tert-Butylbenzene	12.14	119	247195	21.828	ug/l	94
84) 1,2,4-Trimethylbenzene	12.21	105	258535	22.909	ug/l	96
85) sec-Butylbenzene	12.31	105	328806	20.391	ug/l	96
86) p-Isopropyltoluene	12.46	119	267373	20.386	ug/l	98
87) 1,3-Dichlorobenzene	12.48	146	118791	21.404	ug/l	97
88) 1,4-Dichlorobenzene	12.57	146	113915	21.350	ug/l	97
89) n-Butylbenzene	12.85	91	279208	20.719	ug/l	96
90) Hexachloroethane	12.92	117	56724	18.907	ug/l	93
91) 1,2-Dichlorobenzene	12.95	146	111488	21.046	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	13.65	75	7421	19.391	ug/l	94

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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.20	180	79010	21.674	ug/l	100
94) Hexachlorobutadiene	14.19	225	46977	20.017	ug/l	98
95) Naphthalene	14.46	128	139224	20.266	ug/l	98
96) 1,2,3-Trichlorobenzene	14.61	180	70898	20.646	ug/l	95

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.88 min Scan# 431

Delta R.T. 0.00 min

Lab File: VF061340.D

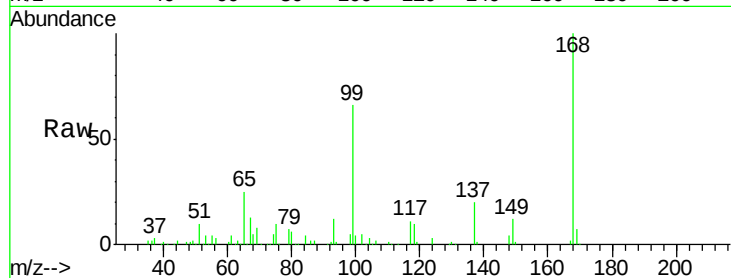
Acq: 10 Jan 2019 13:24

Tot Ion:168 Resp: 193419

Ion Ratio Lower Upper

168 100

99 66.1 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

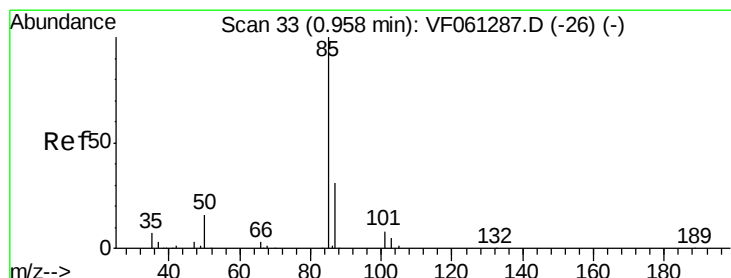
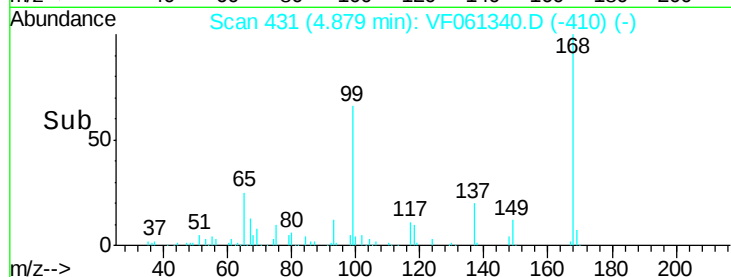
60000

40000

20000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 20.014 ug/l

RT: 0.96 min Scan# 34

Delta R.T. 0.00 min

Lab File: VF061340.D

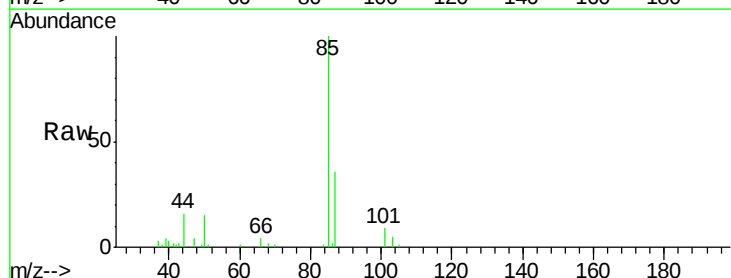
Acq: 10 Jan 2019 13:24

Tgt Ion: 85 Resp: 71405

Ion Ratio Lower Upper

85 100

87 35.5 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

25000

20000

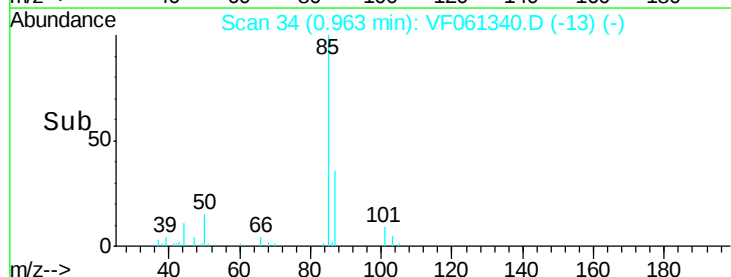
15000

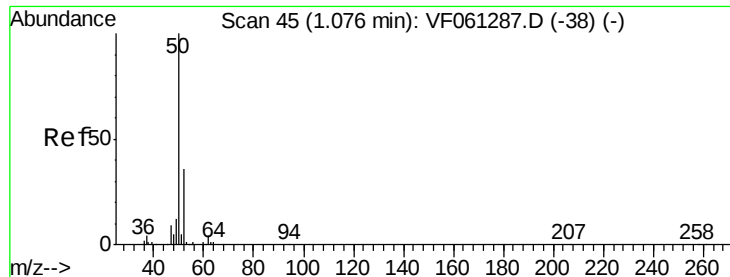
10000

5000

0

Time-->





#3

Chloromethane

Concen: 18.855 ug/l

RT: 1.10 min Scan# 48

Delta R.T. 0.02 min

Lab File: VF061340.D

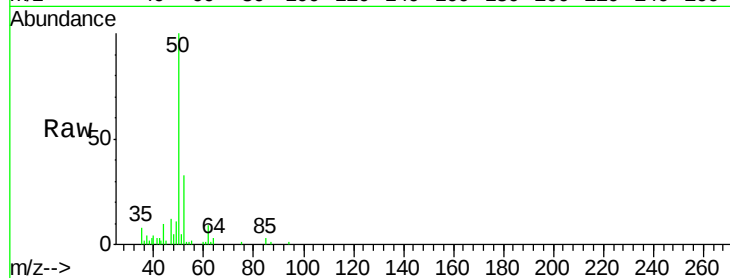
Acq: 10 Jan 2019 13:24

Tot Ion: 50 Resp: 59947

Ion Ratio Lower Upper

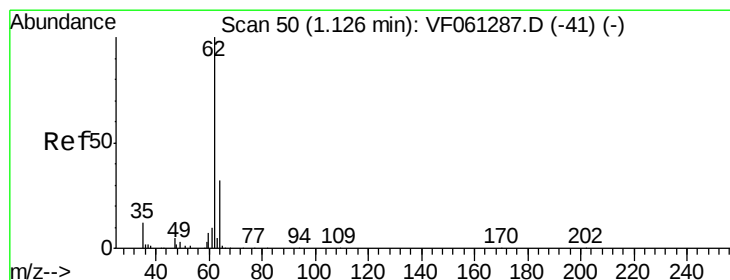
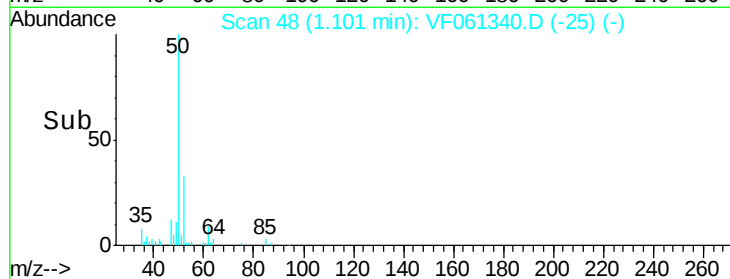
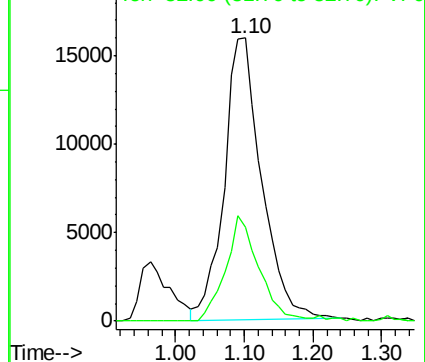
50 100

52 33.3 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: 18.335 ug/l

RT: 1.14 min Scan# 52

Delta R.T. 0.01 min

Lab File: VF061340.D

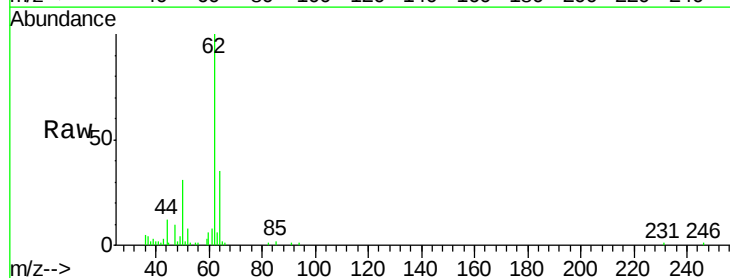
Acq: 10 Jan 2019 13:24

Tgt Ion: 62 Resp: 52063

Ion Ratio Lower Upper

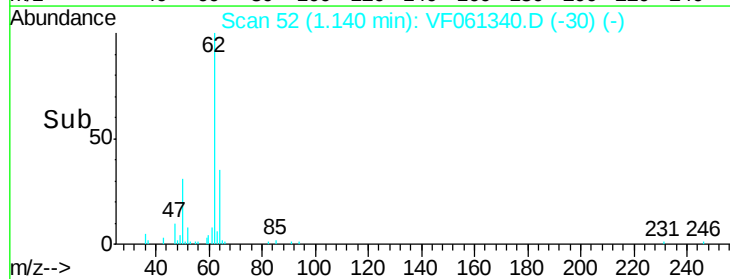
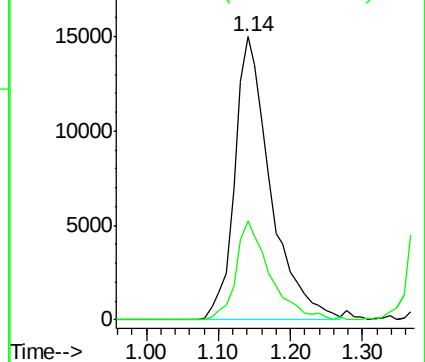
62 100

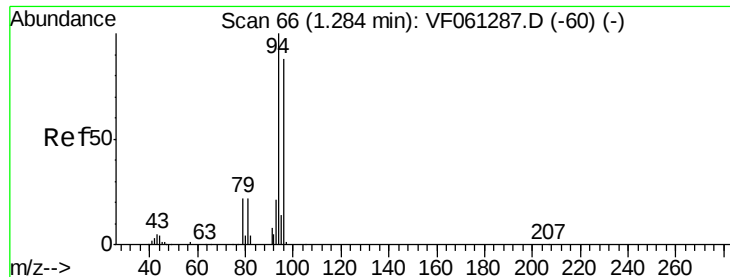
64 35.1 25.4 38.0



Abundance Ion 62.00 (61.70 to 62.70): VF0

Ion 64.00 (63.70 to 64.70): VF0





#5

Bromomethane

Concen: 16.820 ug/l

RT: 1.31 min Scan# 69

Delta R.T. 0.03 min

Lab File: VF061340.D

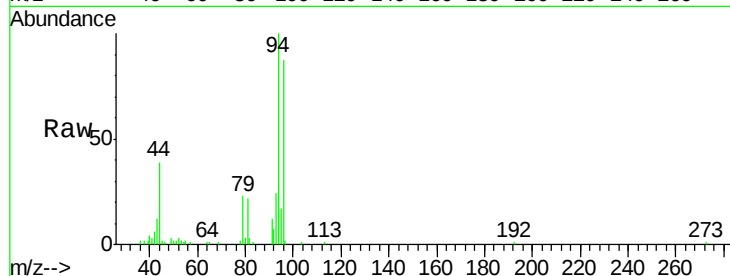
Acq: 10 Jan 2019 13:24

Tot Ion: 94 Resp: 35525

Ion Ratio Lower Upper

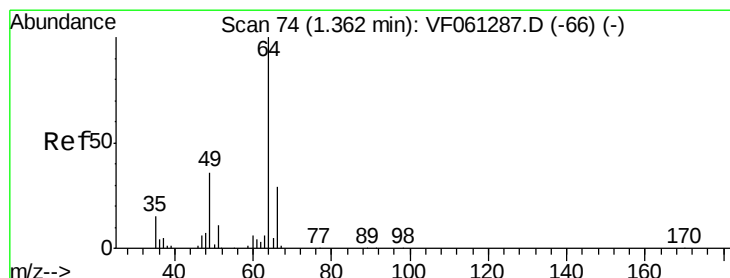
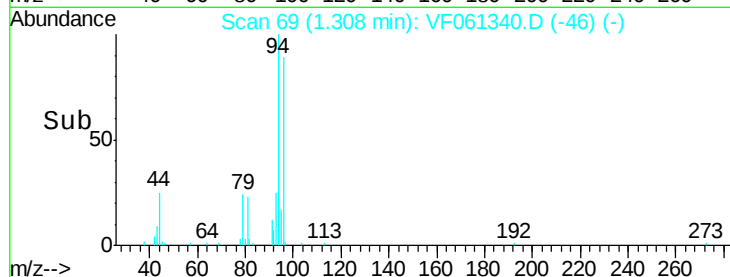
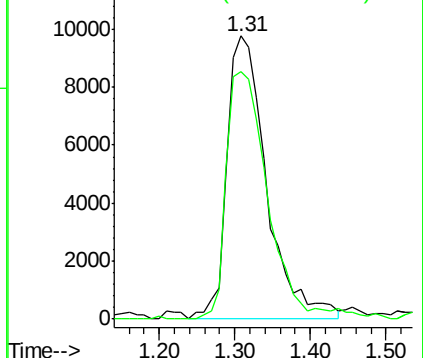
94 100

96 87.4 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: 17.288 ug/l

RT: 1.39 min Scan# 77

Delta R.T. 0.02 min

Lab File: VF061340.D

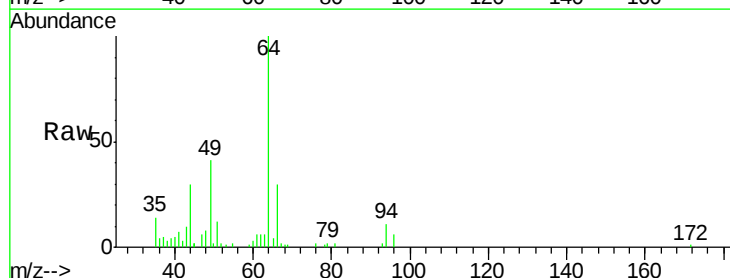
Acq: 10 Jan 2019 13:24

Tgt Ion: 64 Resp: 23972

Ion Ratio Lower Upper

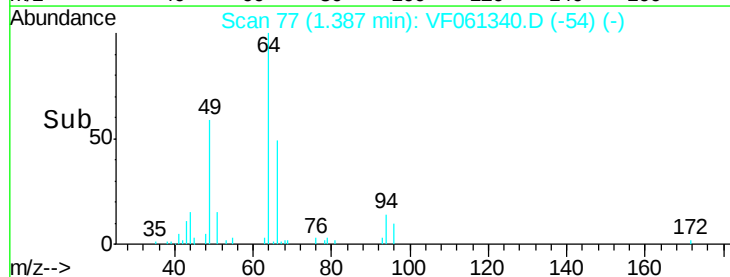
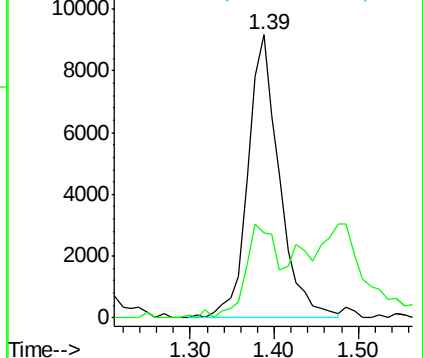
64 100

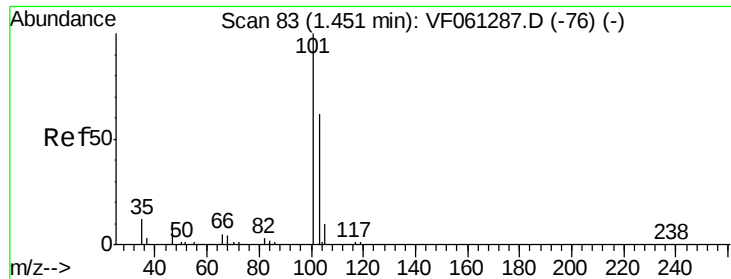
66 29.9 23.4 35.0



Abundance Ion 64.00 (63.70 to 64.70): VF0

Ion 66.00 (65.70 to 66.70): VF0





#7

Trichlorofluoromethane

Concen: 18.476 ug/l

RT: 1.48 min Scan# 86

Delta R.T. 0.02 min

Lab File: VF061340.D

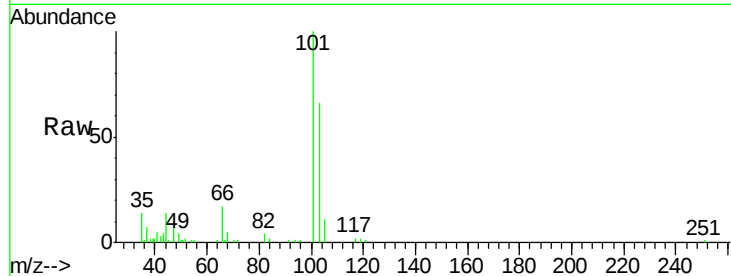
Acq: 10 Jan 2019 13:24

Tot Ion:101 Resp: 88937

Ion Ratio Lower Upper

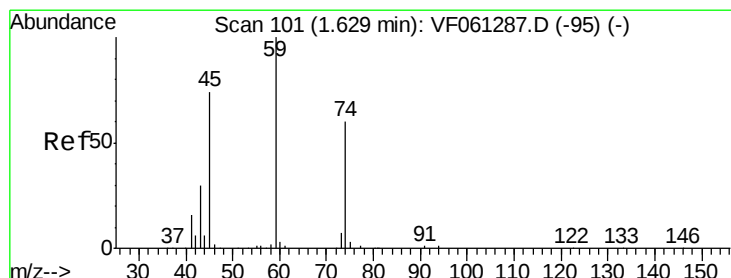
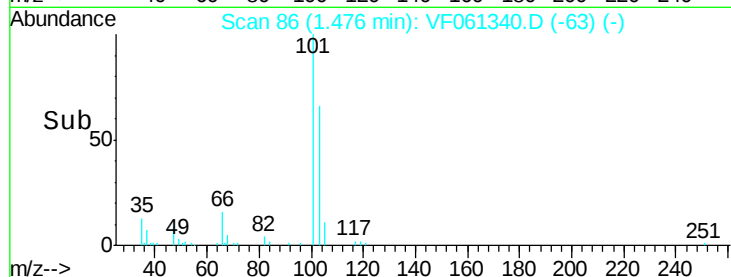
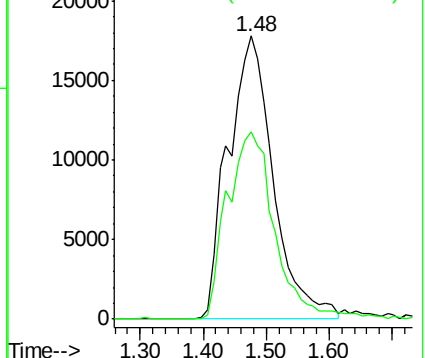
101 100

103 66.1 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: 19.173 ug/l

RT: 1.63 min Scan# 102

Delta R.T. 0.00 min

Lab File: VF061340.D

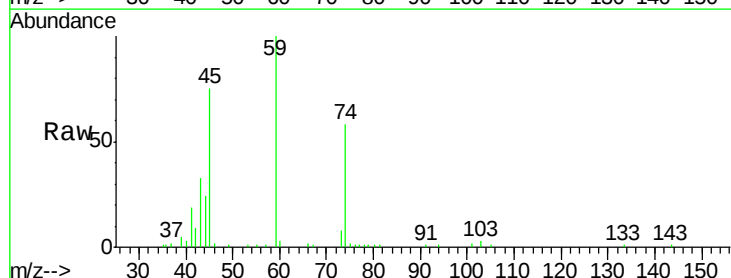
Acq: 10 Jan 2019 13:24

Tgt Ion: 74 Resp: 13553

Ion Ratio Lower Upper

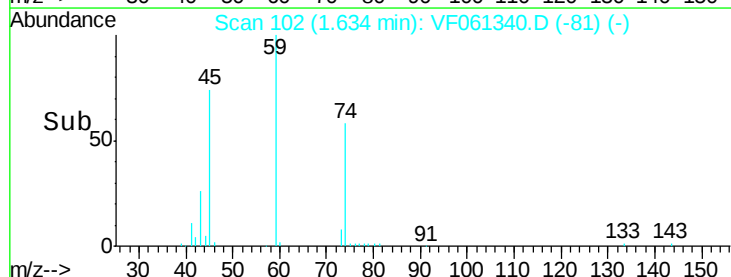
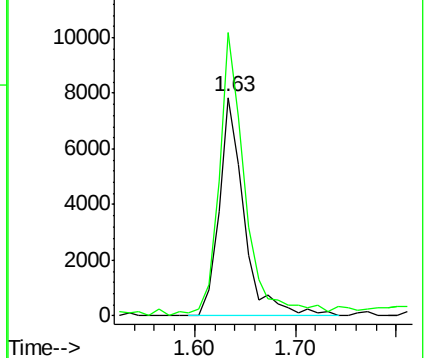
74 100

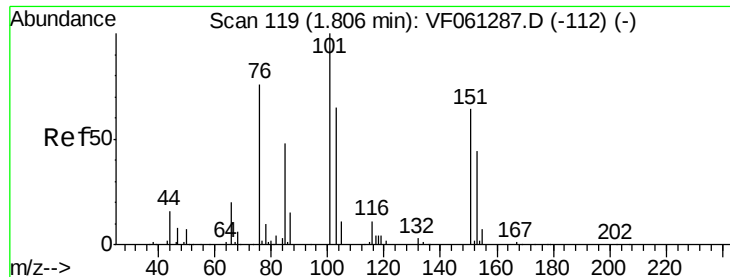
45 129.5 62.1 186.3



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: 18.190 ug/l

RT: 1.83 min Scan# 122

Delta R.T. 0.02 min

Lab File: VF061340.D

Acq: 10 Jan 2019 13:24

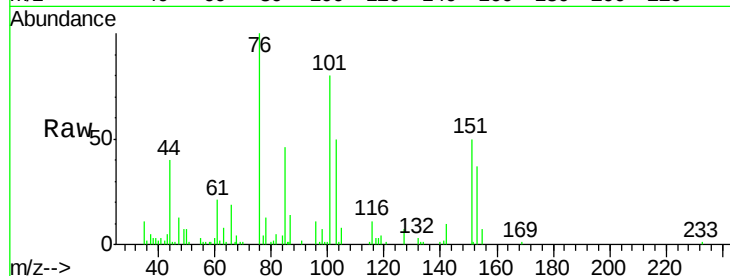
Tot Ion:101 Resp: 46234

Ion Ratio Lower Upper

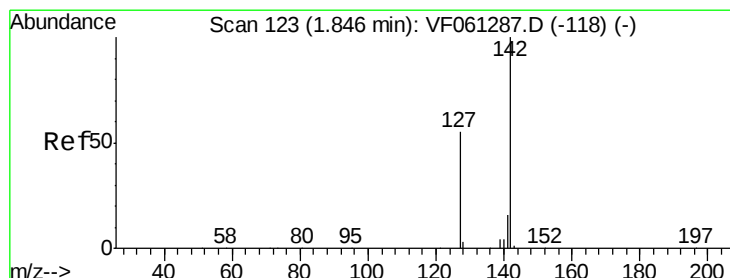
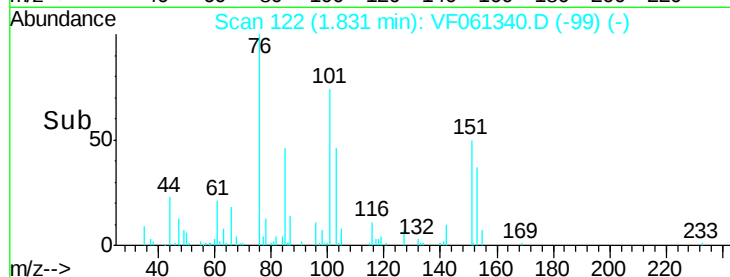
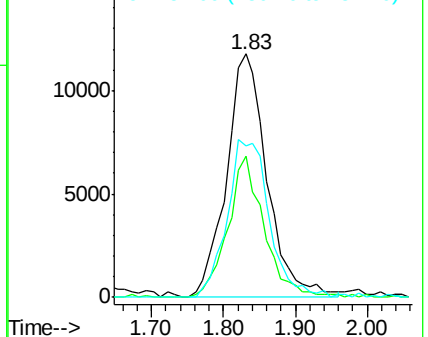
101 100

85 57.9 38.4 57.6#

151 62.3 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: 18.829 ug/l m

RT: 1.90 min Scan# 129

Delta R.T. 0.05 min

Lab File: VF061340.D

Acq: 10 Jan 2019 13:24

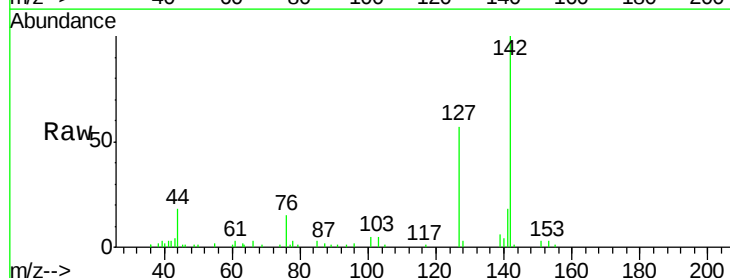
Tgt Ion:142 Resp: 74982

Ion Ratio Lower Upper

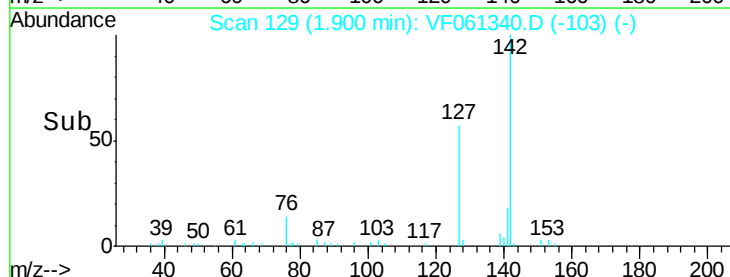
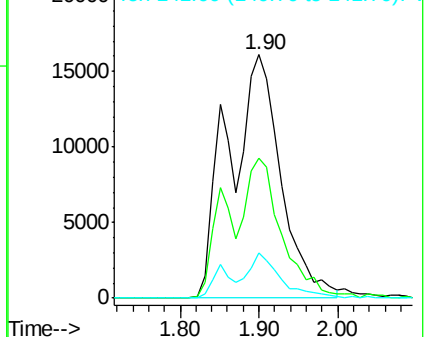
142 100

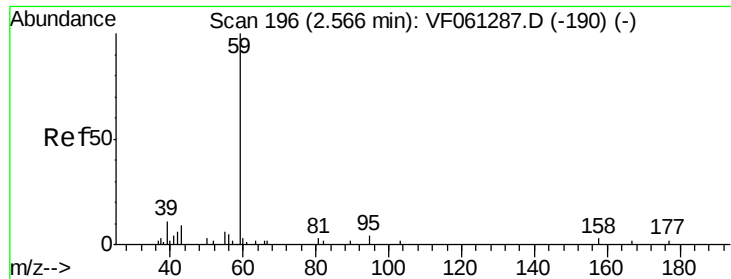
127 57.5 44.3 66.5

141 18.5 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

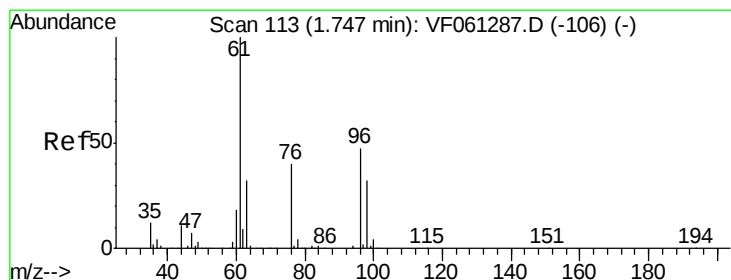
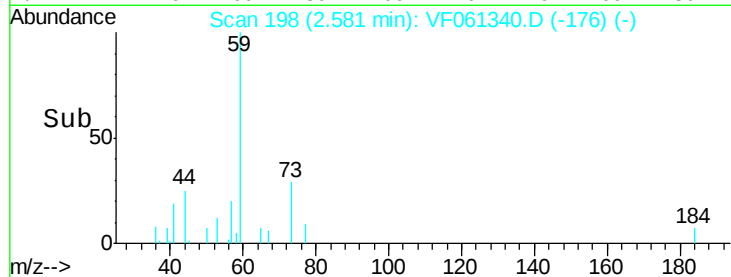
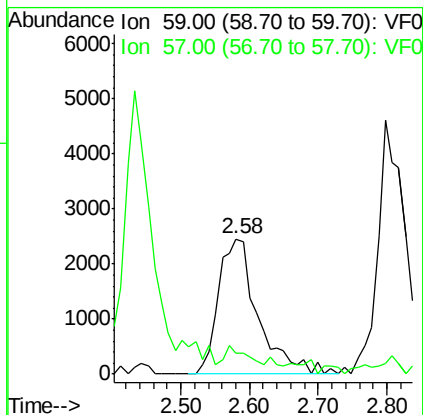
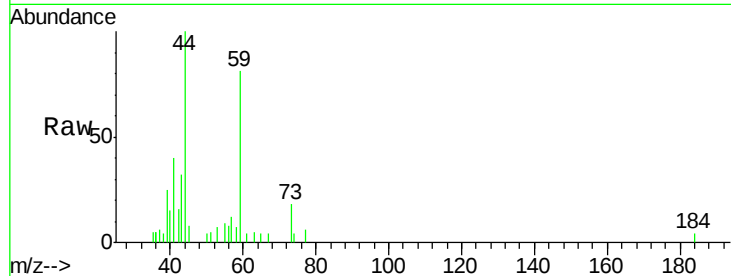




#11

Tert butyl alcohol
Concen: 112.672 ug/l
RT: 2.58 min Scan# 198
Delta R.T. 0.01 min
Lab File: VF061340.D
Acq: 10 Jan 2019 13:24

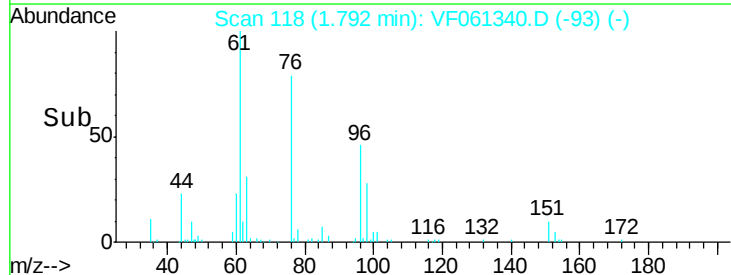
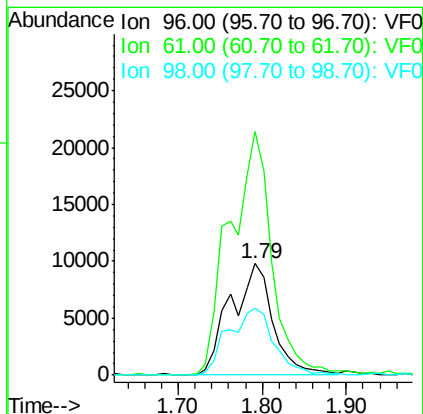
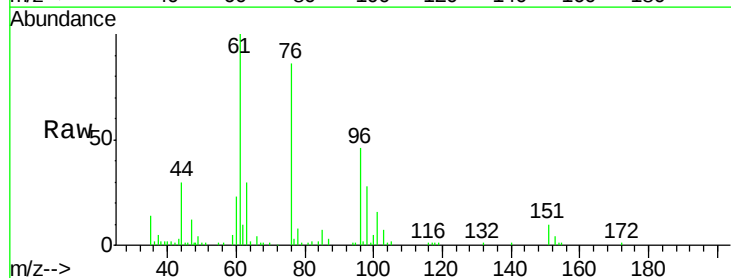
Tot Ion: 59 Resp: 9712
Ion Ratio Lower Upper
59 100
57 15.3 15.1 22.7

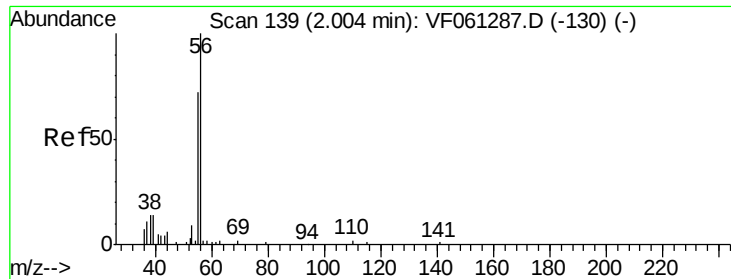


#12

1,1-Dichloroethene
Concen: 17.159 ug/l
RT: 1.79 min Scan# 118
Delta R.T. 0.04 min
Lab File: VF061340.D
Acq: 10 Jan 2019 13:24

Tgt Ion: 96 Resp: 34877
Ion Ratio Lower Upper
96 100
61 218.2 171.8 257.8
98 60.5 54.2 81.4





#13

Acrolein

Concen: 85.555 ug/l

RT: 2.01 min Scan# 140

Delta R.T. 0.01 min

Lab File: VF061340.D

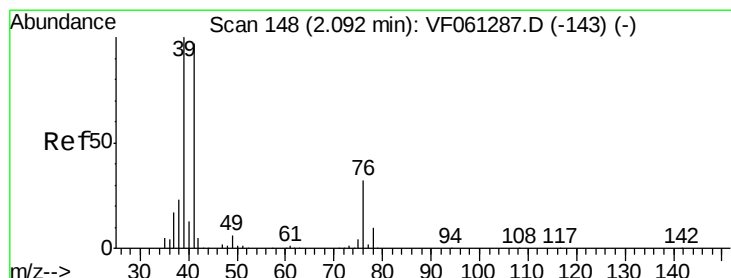
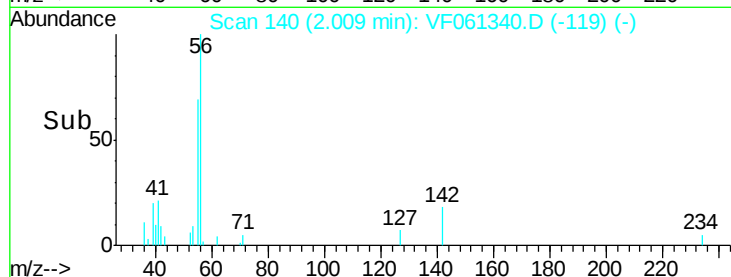
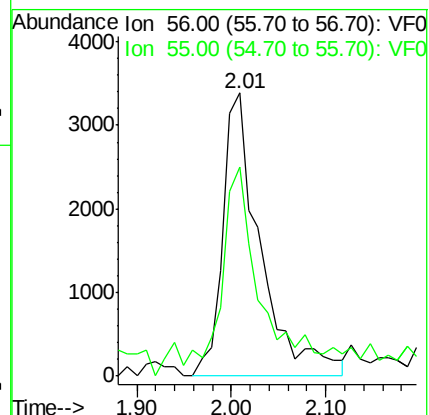
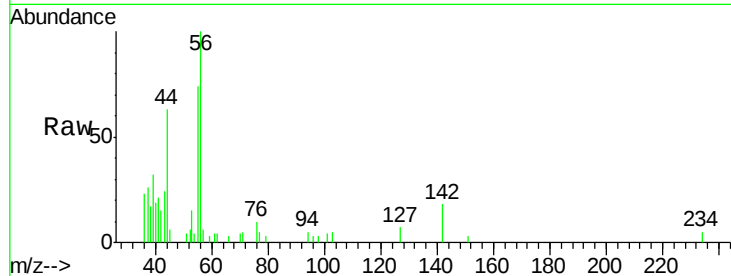
Acq: 10 Jan 2019 13:24

Tot Ion: 56 Resp: 9326

Ion Ratio Lower Upper

56 100

55 74.0 59.4 89.0



#14

Allyl chloride

Concen: 16.757 ug/l

RT: 2.10 min Scan# 149

Delta R.T. 0.00 min

Lab File: VF061340.D

Acq: 10 Jan 2019 13:24

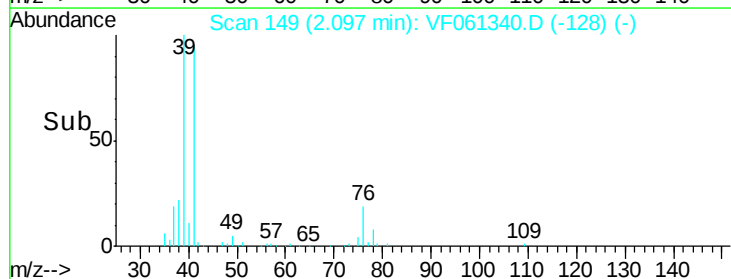
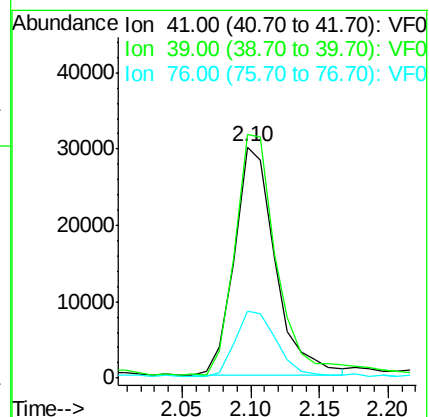
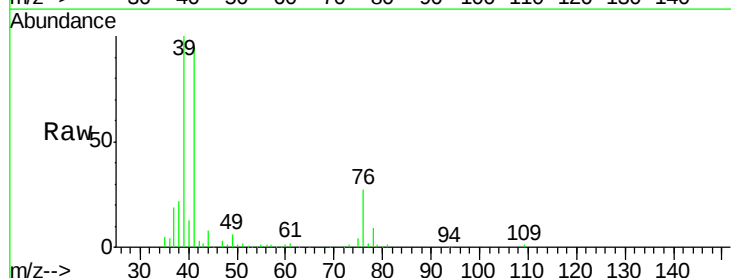
Tgt Ion: 41 Resp: 62254

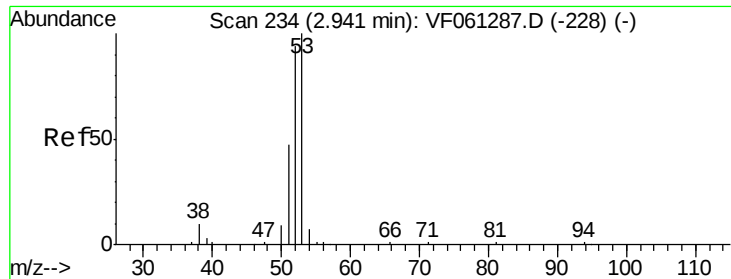
Ion Ratio Lower Upper

41 100

39 105.4 82.6 123.8

76 28.9 26.9 40.3





#15

Acrylonitrile

Concen: 92.936 ug/l

RT: 2.95 min Scan# 235

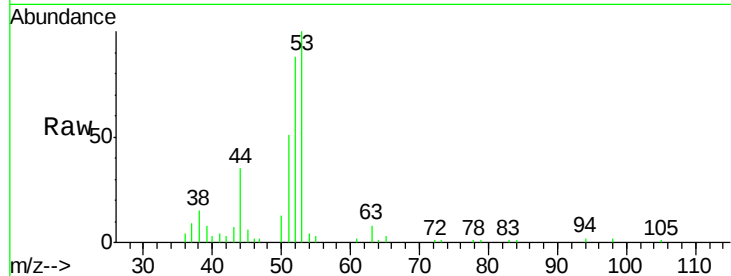
Delta R.T. 0.00 min

Lab File: VF061340.D

Acq: 10 Jan 2019 13:24

Tot Ion: 53 Resp: 28398

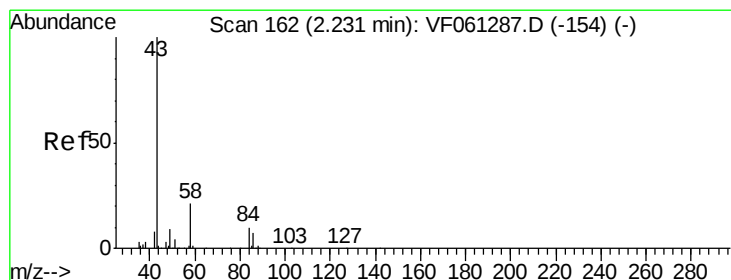
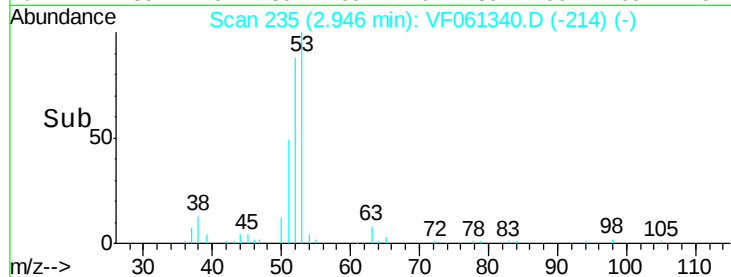
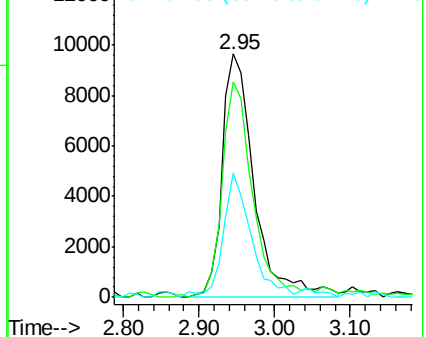
Ion	Ratio	Lower	Upper
53	100		
52	88.4	74.6	111.8
51	50.9	37.8	56.6



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: 122.428 ug/l

RT: 2.25 min Scan# 164

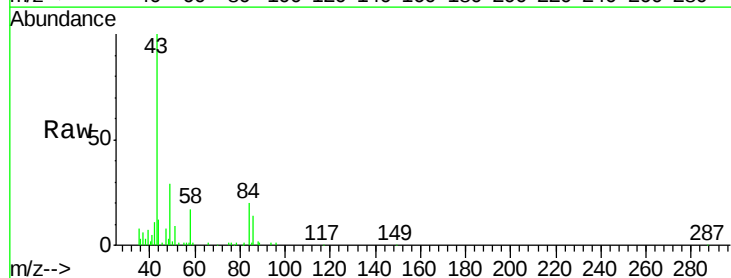
Delta R.T. 0.01 min

Lab File: VF061340.D

Acq: 10 Jan 2019 13:24

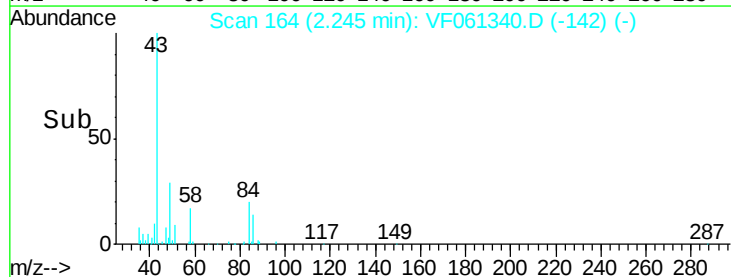
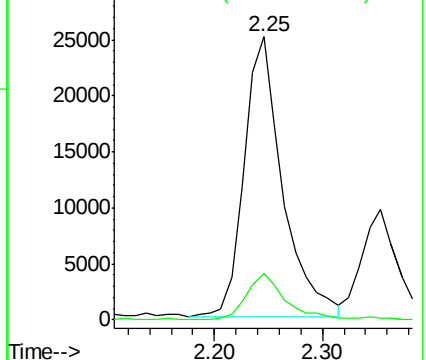
Tgt Ion: 43 Resp: 61313

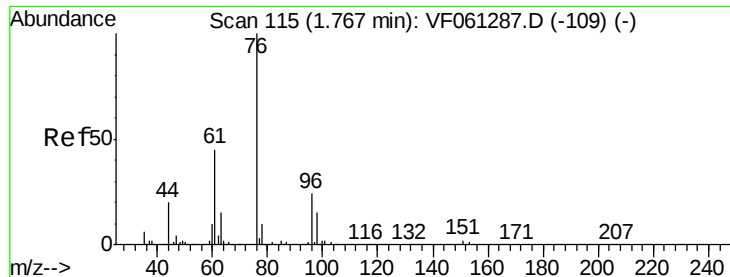
Ion	Ratio	Lower	Upper
43	100		
58	16.5	16.6	25.0#



Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 58.00 (57.70 to 58.70): VF0





#17

Carbon Disulfide

Concen: 16.107 ug/l

RT: 1.80 min Scan# 119

Delta R.T. 0.03 min

Lab File: VF061340.D

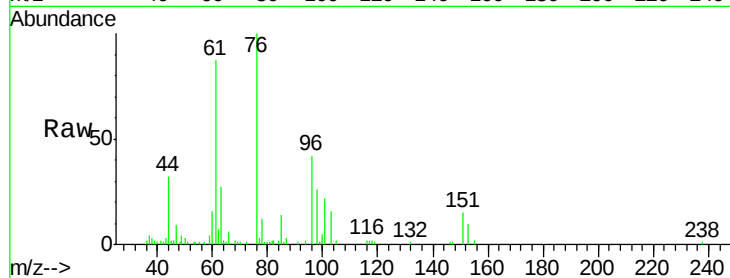
Acq: 10 Jan 2019 13:24

Tot Ion: 76 Resp: 108136

Ion Ratio Lower Upper

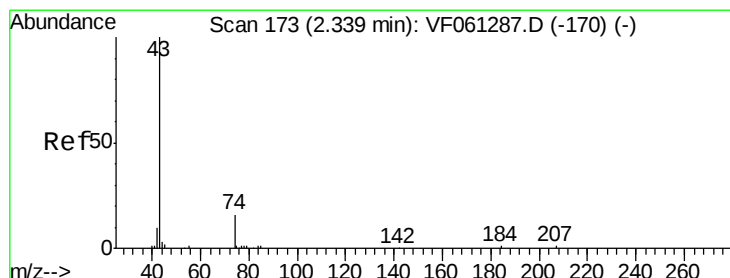
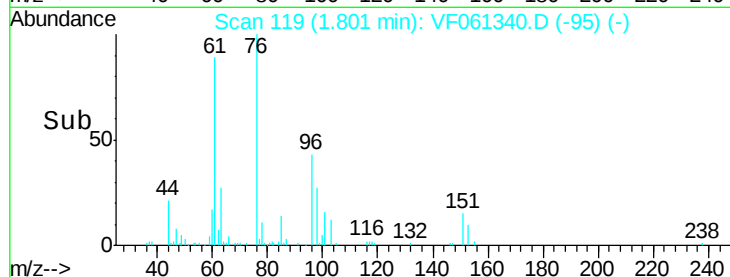
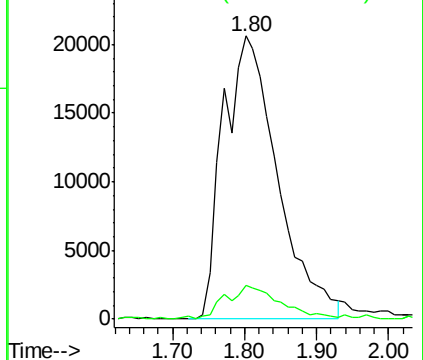
76 100

78 11.8 7.8 11.6#



Abundance Ion 76.00 (75.70 to 76.70): VF0

Ion 78.00 (77.70 to 78.70): VF0



#18

Methyl Acetate

Concen: 22.376 ug/l m

RT: 2.35 min Scan# 175

Delta R.T. 0.01 min

Lab File: VF061340.D

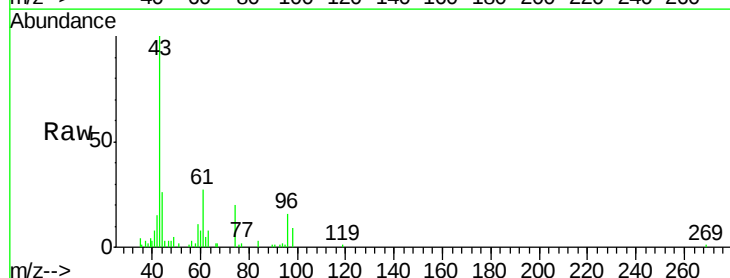
Acq: 10 Jan 2019 13:24

Tgt Ion: 43 Resp: 22048

Ion Ratio Lower Upper

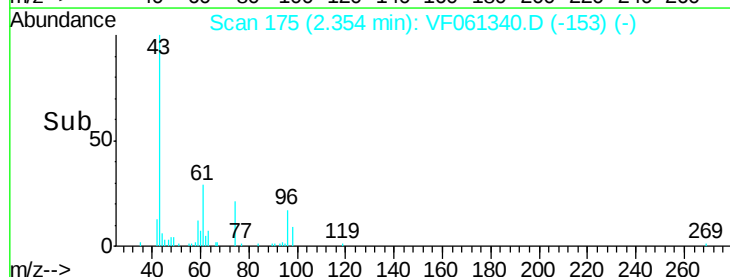
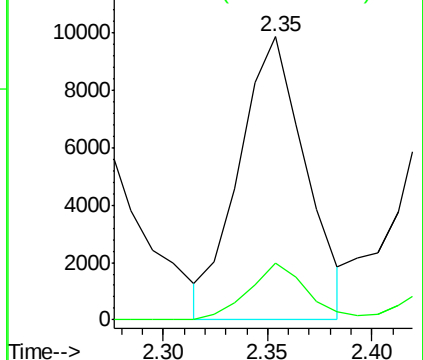
43 100

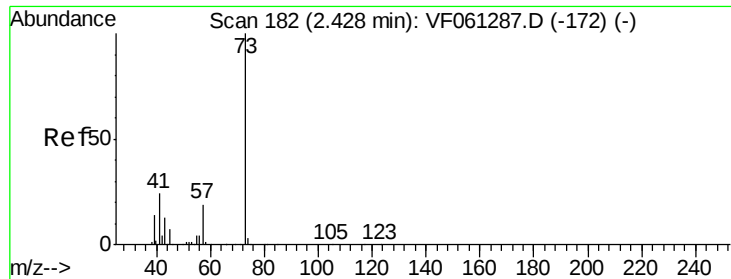
74 19.9 11.6 17.4#



Abundance Ion 43.00 (42.70 to 43.70): VF0

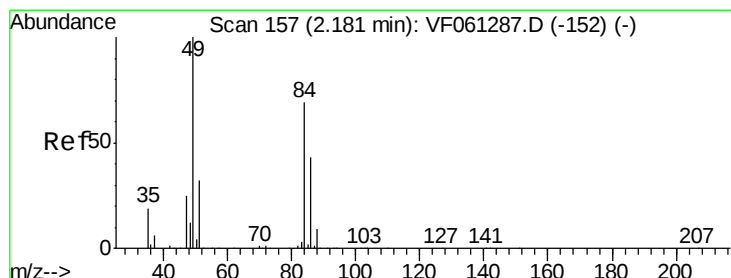
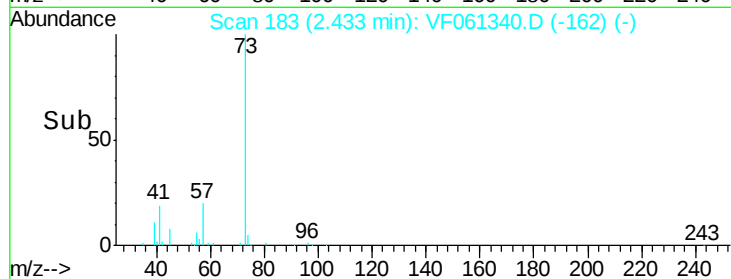
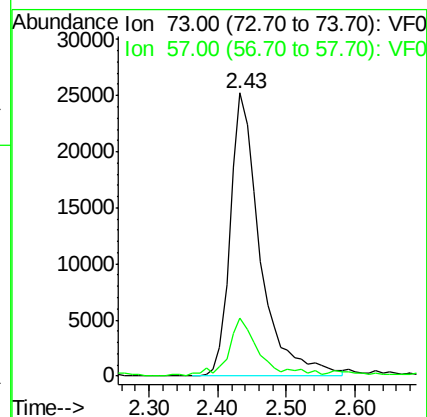
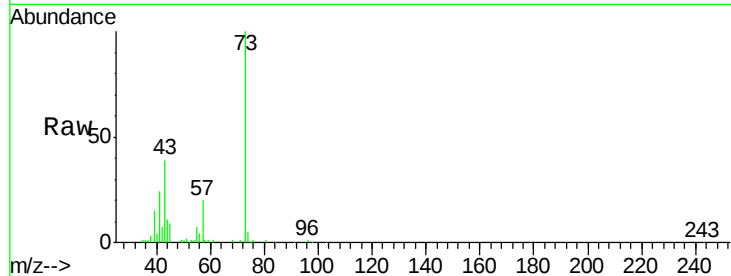
Ion 74.00 (73.70 to 74.70): VF0





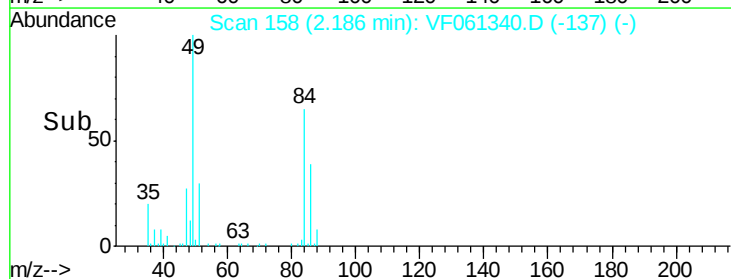
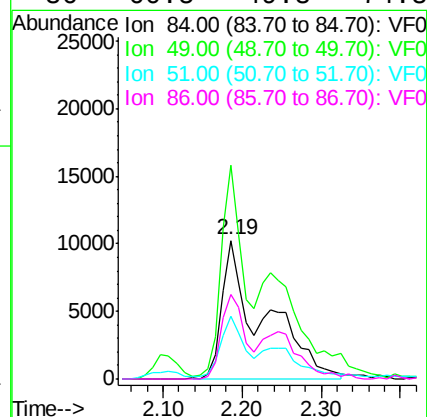
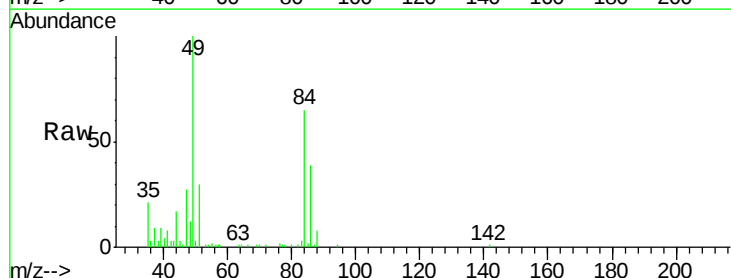
#19
Methvl tert-butvl Ether
Concen: 19.569 ug/l
RT: 2.43 min Scan# 183
Delta R.T. 0.00 min
Lab File: VF061340.D
Acq: 10 Jan 2019 13:24

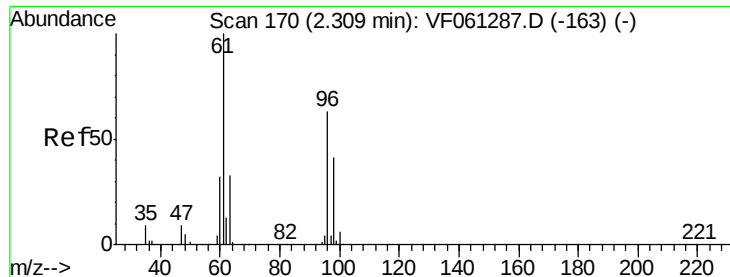
Tot Ion: 73 Resp: 75794
Ion Ratio Lower Upper
73 100
57 20.4 15.5 23.3



#20
Methylene Chloride
Concen: 17.584 ug/l m
RT: 2.19 min Scan# 158
Delta R.T. 0.00 min
Lab File: VF061340.D
Acq: 10 Jan 2019 13:24

Tgt Ion: 84 Resp: 37256
Ion Ratio Lower Upper
84 100
49 154.0 116.6 175.0
51 45.6 37.7 56.5
86 60.5 49.8 74.8





#21

trans-1,2-Dichloroethene

Concen: 18.773 ug/l

RT: 2.31 min Scan# 171

Delta R.T. 0.00 min

Lab File: VF061340.D

Acq: 10 Jan 2019 13:24

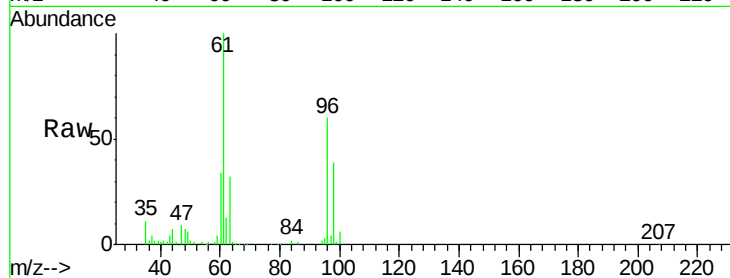
Tot Ion: 96 Resp: 40434

Ion Ratio Lower Upper

96 100

61 166.2 127.0 190.4

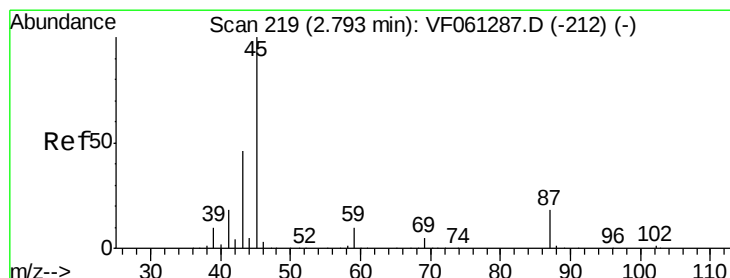
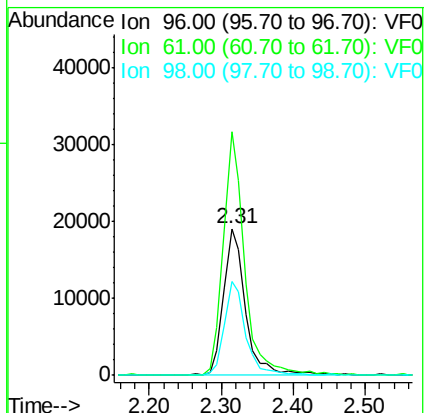
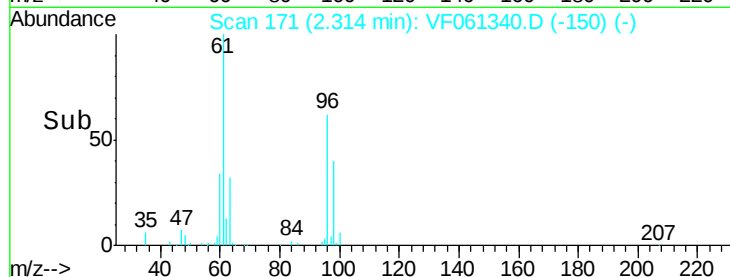
98 64.1 51.7 77.5



Abundance Ion 96.00 (95.70 to 96.70): VF0

Ion 61.00 (60.70 to 61.70): VF0

Ion 98.00 (97.70 to 98.70): VF0



#22

Diisopropyl ether

Concen: 18.466 ug/l

RT: 2.81 min Scan# 221

Delta R.T. 0.01 min

Lab File: VF061340.D

Acq: 10 Jan 2019 13:24

Tgt Ion: 45 Resp: 132722

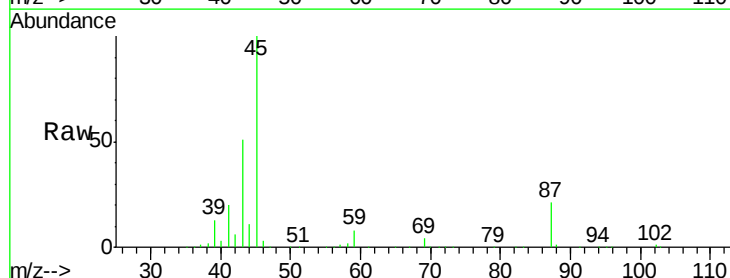
Ion Ratio Lower Upper

45 100

43 50.6 37.4 56.2

87 20.6 14.2 21.2

59 8.4 8.2 12.2

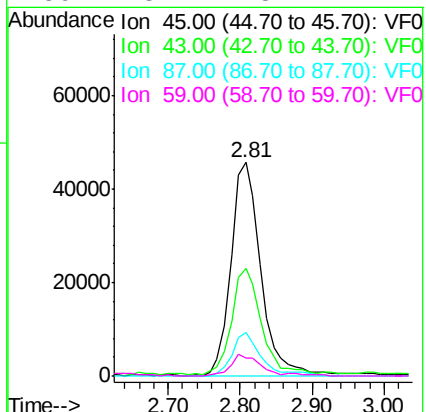
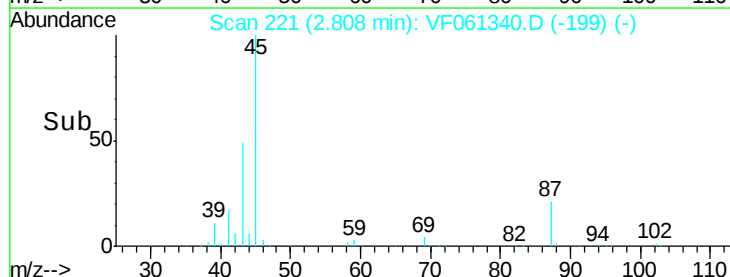


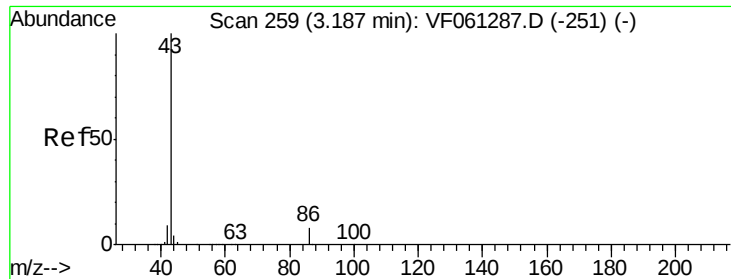
Abundance Ion 45.00 (44.70 to 45.70): VF0

Ion 43.00 (42.70 to 43.70): VF0

Ion 87.00 (86.70 to 87.70): VF0

Ion 59.00 (58.70 to 59.70): VF0





#23

Vinyl Acetate

Concen: 112.943 ug/l

RT: 3.19 min Scan# 260

Delta R.T. 0.00 min

Lab File: VF061340.D

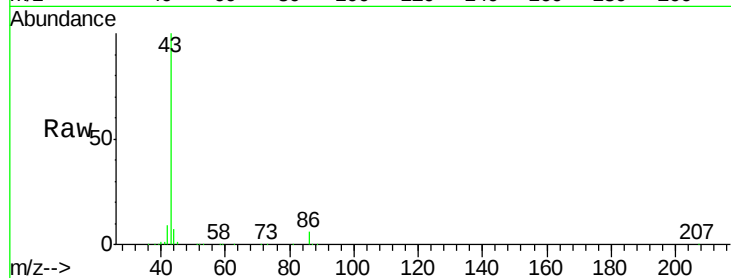
Acq: 10 Jan 2019 13:24

Tot Ion: 43 Resp: 237403

Ion Ratio Lower Upper

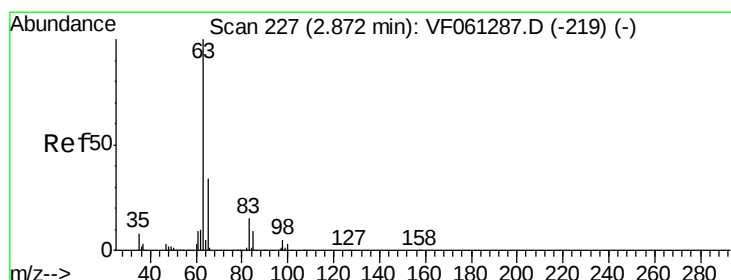
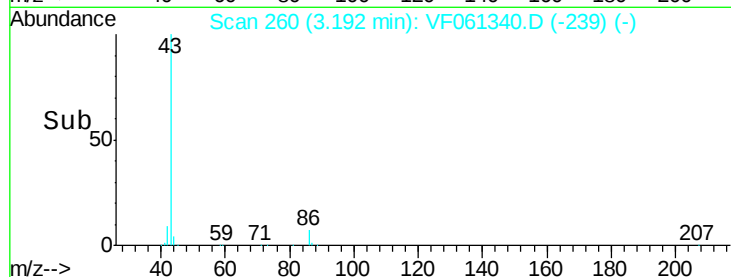
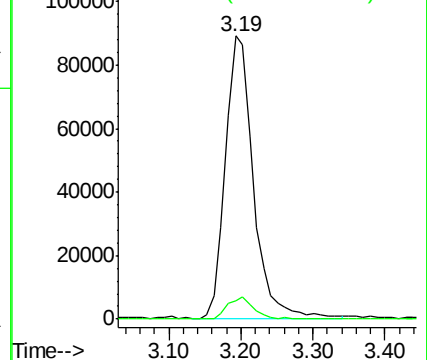
43 100

86 6.5 6.5 9.7#



Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 86.00 (85.70 to 86.70): VF0



#24

1,1-Dichloroethane

Concen: 18.464 ug/l

RT: 2.88 min Scan# 228

Delta R.T. 0.00 min

Lab File: VF061340.D

Acq: 10 Jan 2019 13:24

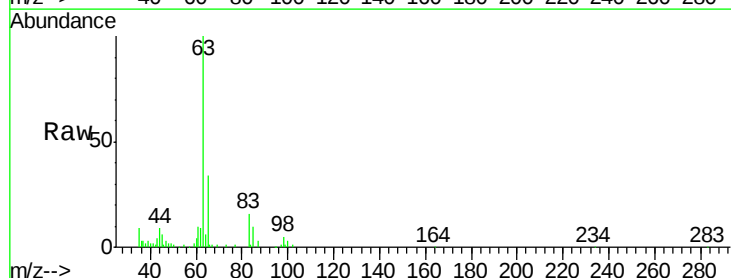
Tgt Ion: 63 Resp: 76767

Ion Ratio Lower Upper

63 100

98 5.1 2.5 7.6

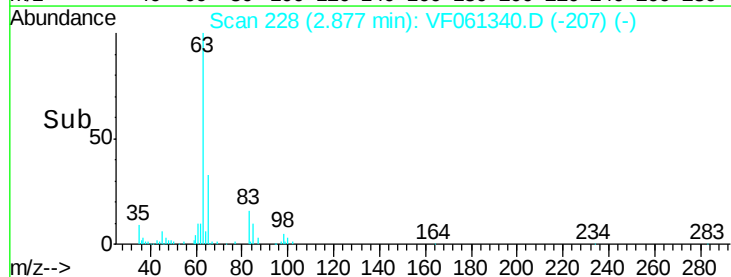
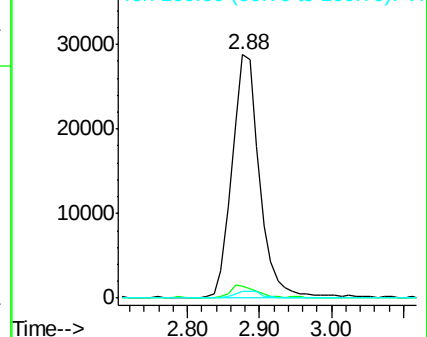
100 2.8 1.7 5.0

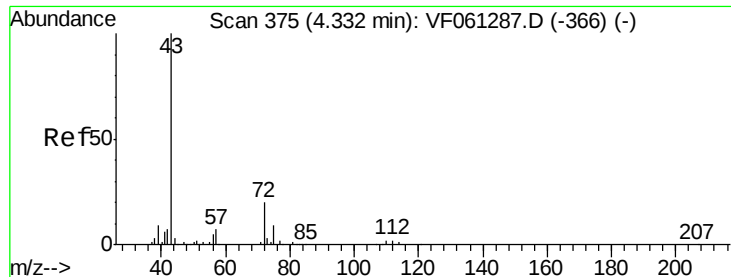


Abundance Ion 63.00 (62.70 to 63.70): VF0

Ion 98.00 (97.70 to 98.70): VF0

Ion 100.00 (99.70 to 100.70): VF0





#25

2-Butanone

Concen: 117.389 ug/l

RT: 4.35 min Scan# 377

Delta R.T. 0.01 min

Lab File: VF061340.D

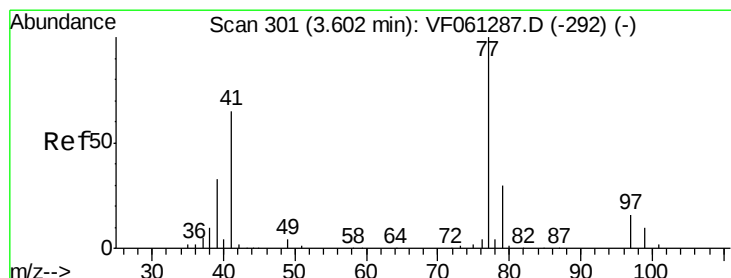
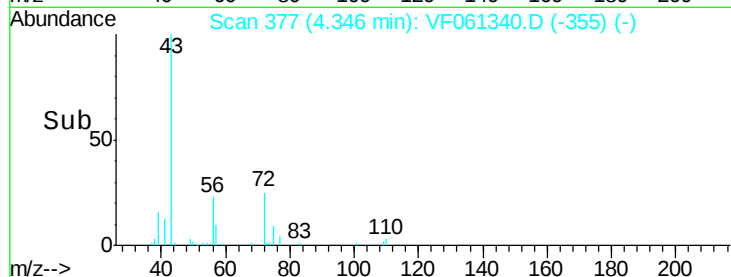
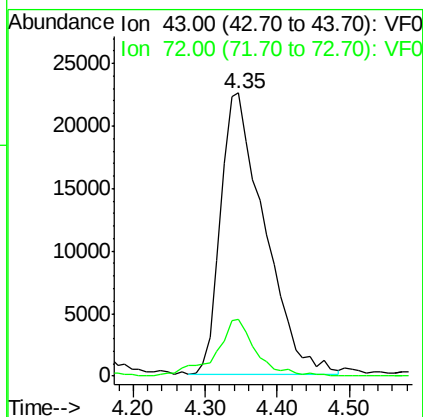
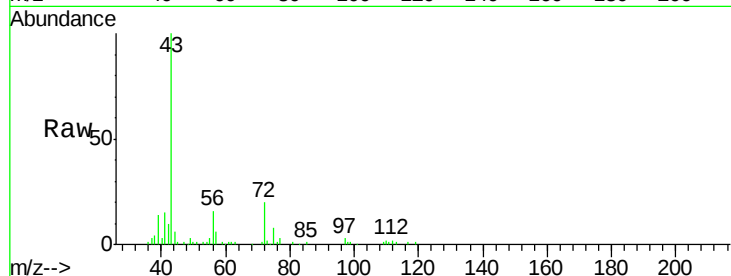
Acq: 10 Jan 2019 13:24

Tot Ion: 43 Resp: 94621

Ion Ratio Lower Upper

43 100

72 20.1 16.5 24.7



#26

2,2-Dichloropropane

Concen: 15.740 ug/l

RT: 3.62 min Scan# 303

Delta R.T. 0.01 min

Lab File: VF061340.D

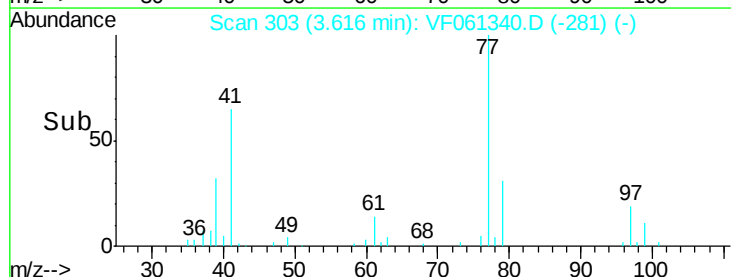
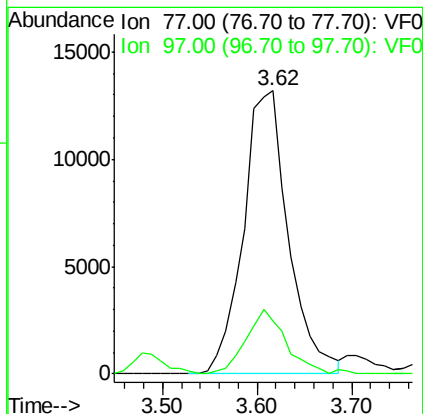
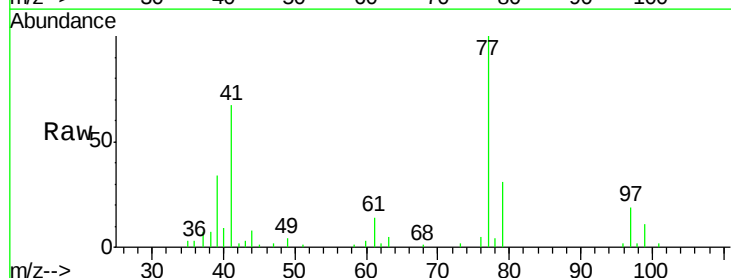
Acq: 10 Jan 2019 13:24

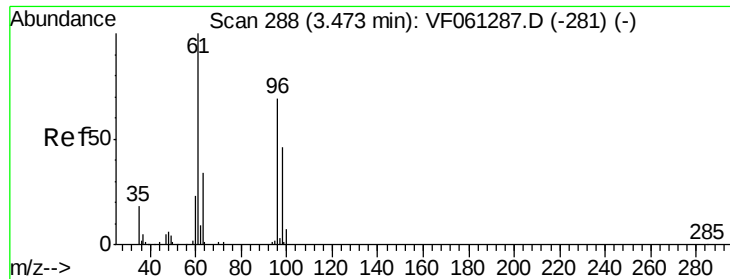
Tgt Ion: 77 Resp: 43732

Ion Ratio Lower Upper

77 100

97 18.7 8.6 25.9

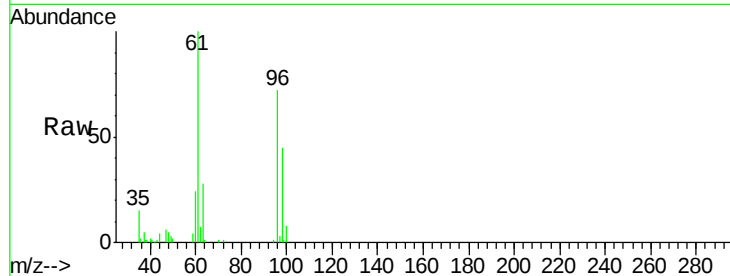




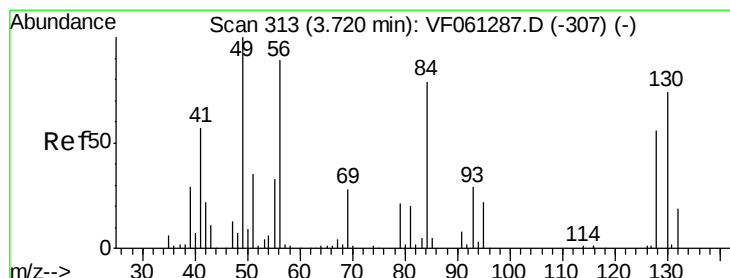
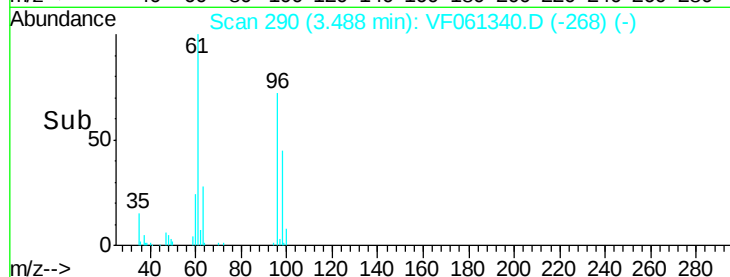
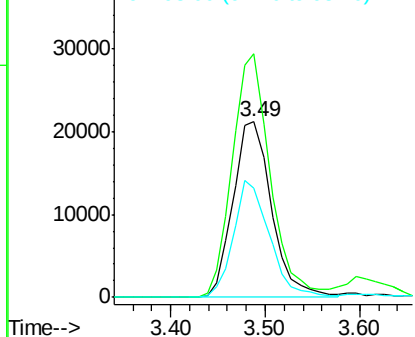
#27

cis-1,2-Dichloroethene
Concen: 19.999 ug/l
RT: 3.49 min Scan# 290
Delta R.T. 0.01 min
Lab File: VF061340.D
Acq: 10 Jan 2019 13:24

Tot Ion	Ion	Ratio	Lower	Upper
96	100			
61	138.6	0.0	288.2	
98	62.1	0.0	132.2	



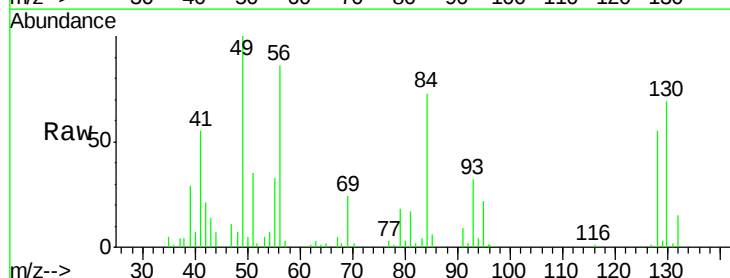
Abundance Ion 96.00 (95.70 to 96.70): VF0
Ion 61.00 (60.70 to 61.70): VF0
Ion 98.00 (97.70 to 98.70): VF0



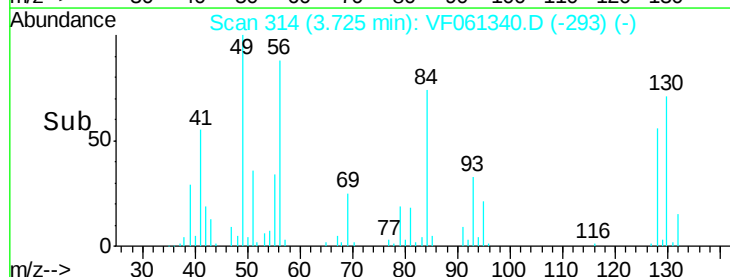
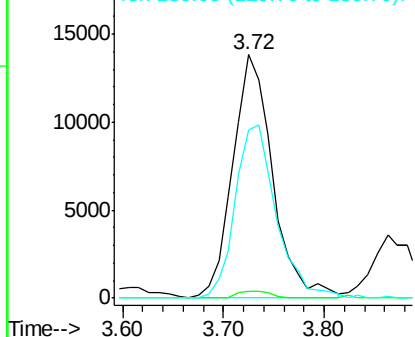
#28

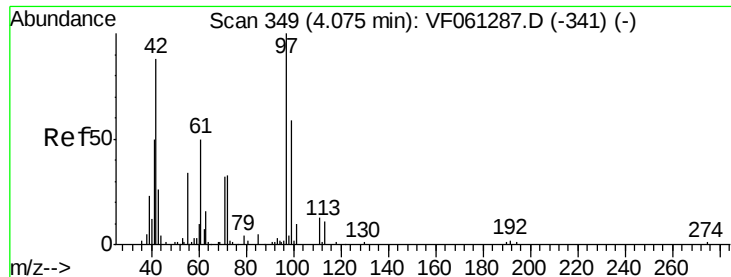
Bromochloromethane
Concen: 20.818 ug/l
RT: 3.72 min Scan# 314
Delta R.T. 0.00 min
Lab File: VF061340.D
Acq: 10 Jan 2019 13:24

Tgt Ion	Ion	Ratio	Lower	Upper
49	100			
129	2.8	0.0	0.0#	
130	69.1	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: 107.630 ug/l

RT: 4.09 min Scan# 351

Delta R.T. 0.01 min

Lab File: VF061340.D

Acq: 10 Jan 2019 13:24

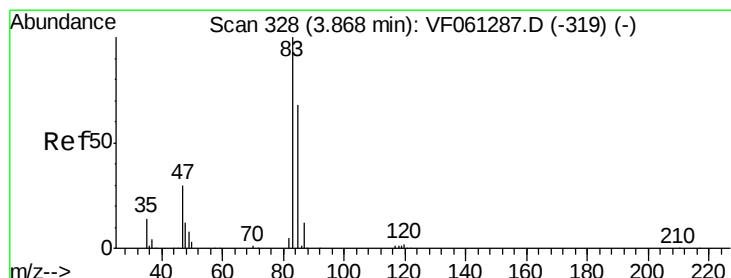
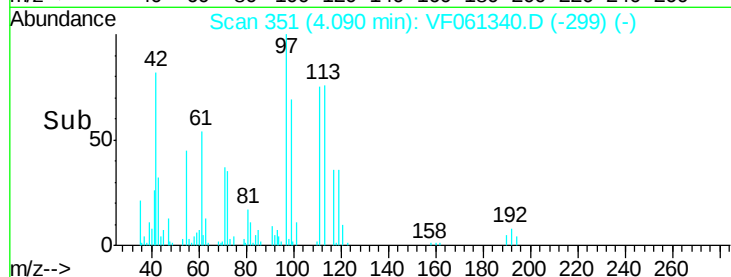
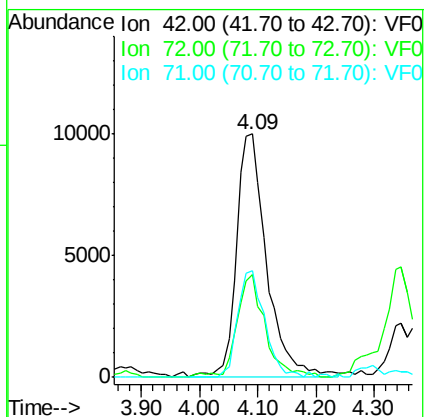
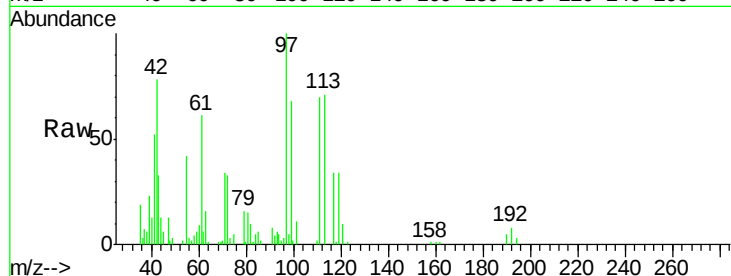
Tot Ion: 42 Resp: 36273

Ion Ratio Lower Upper

42 100

72 38.6 32.3 48.5

71 38.8 29.5 44.3



#30

Chloroform

Concen: 18.692 ug/l

RT: 3.87 min Scan# 329

Delta R.T. 0.00 min

Lab File: VF061340.D

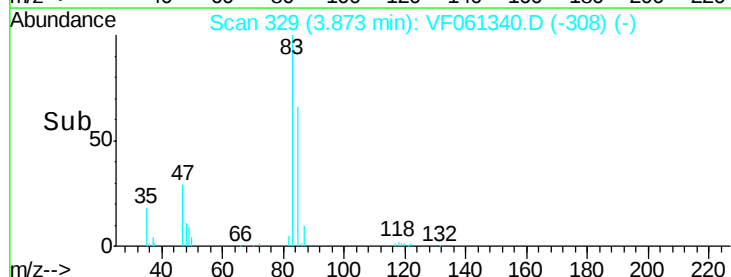
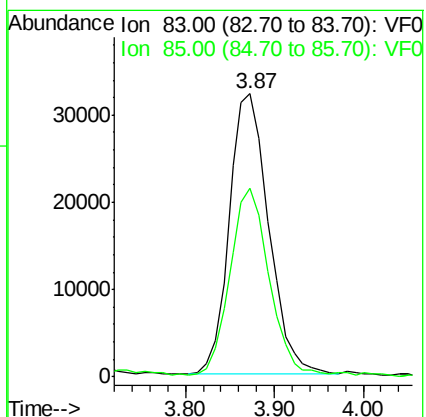
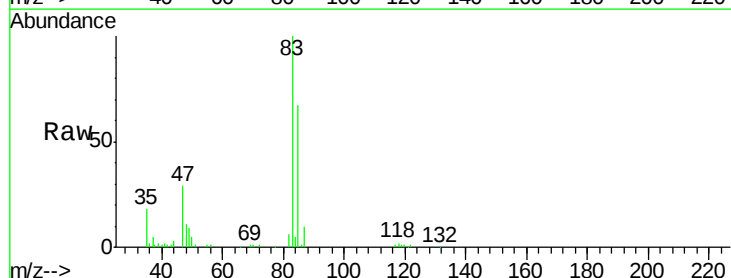
Acq: 10 Jan 2019 13:24

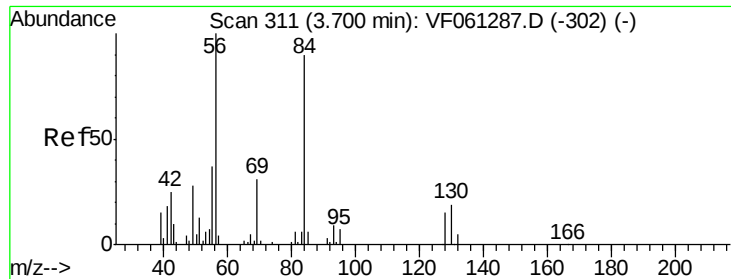
Tgt Ion: 83 Resp: 98653

Ion Ratio Lower Upper

83 100

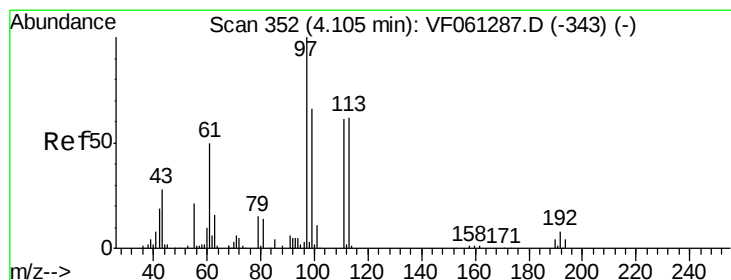
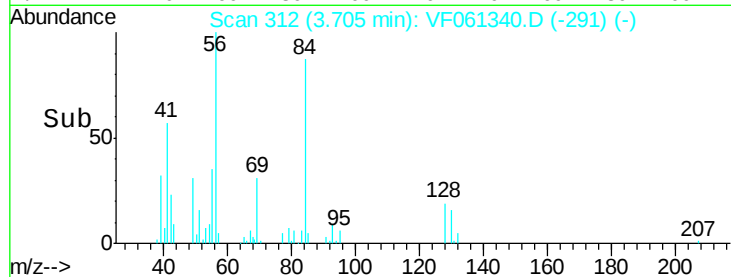
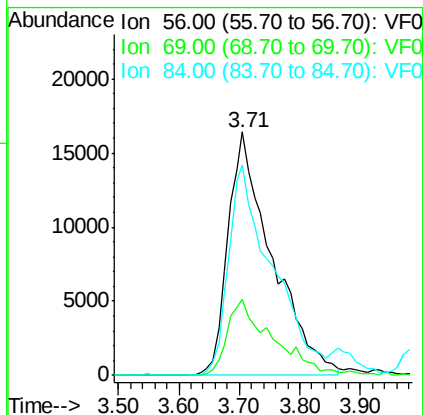
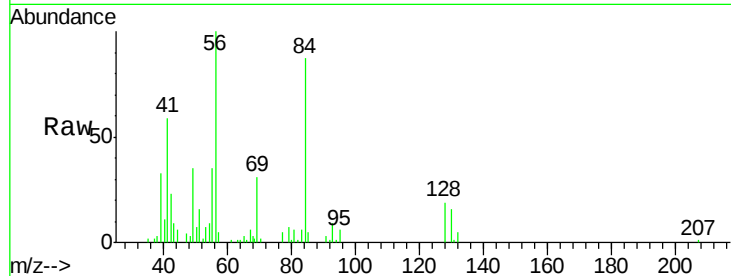
85 66.6 54.4 81.6





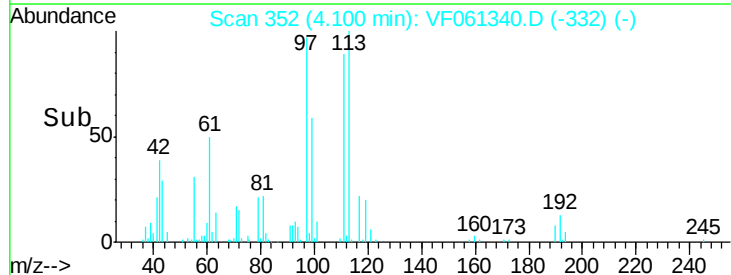
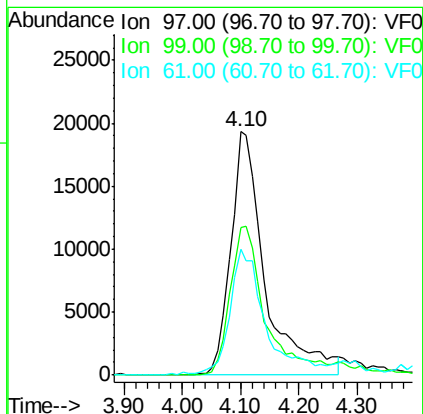
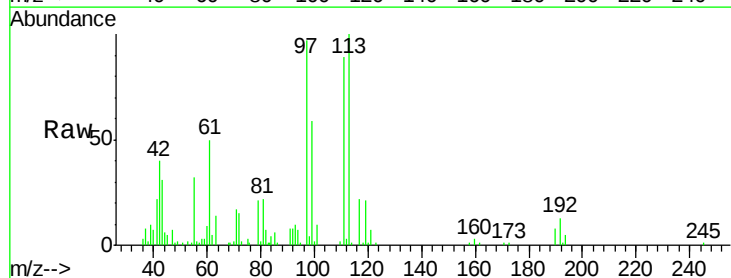
#31
Cyclohexane
Concen: 18.990 ug/l
RT: 3.71 min Scan# 312
Delta R.T. 0.00 min
Lab File: VF061340.D
Acq: 10 Jan 2019 13:24

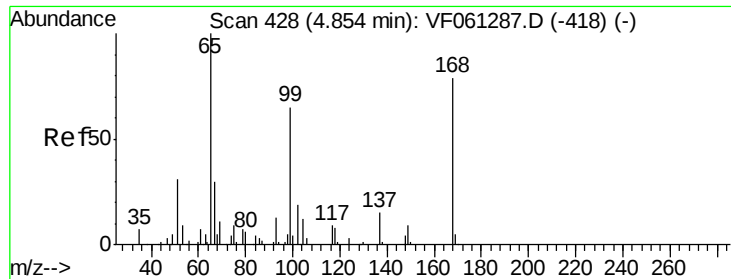
Tot Ion: 56 Resp: 82831
Ion Ratio Lower Upper
56 100
69 31.1 24.7 37.1
84 86.5 72.2 108.4



#32
1,1,1-Trichloroethane
Concen: 18.747 ug/l
RT: 4.10 min Scan# 352
Delta R.T. -0.00 min
Lab File: VF061340.D
Acq: 10 Jan 2019 13:24

Tgt Ion: 97 Resp: 79922
Ion Ratio Lower Upper
97 100
99 60.7 52.7 79.1
61 51.8 40.8 61.2





#33

1,2-Dichloroethane-d4

Concen: 52.289 ug/l

RT: 4.85 min Scan# 428

Delta R.T. -0.00 min

Lab File: VF061340.D

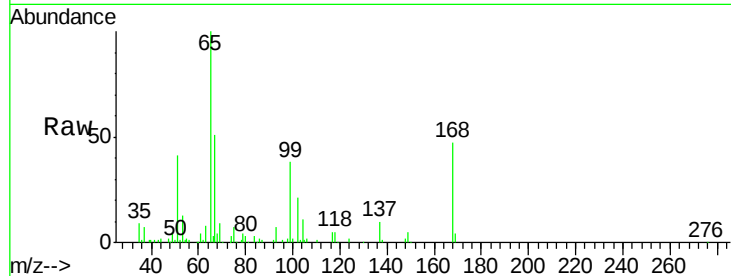
Acq: 10 Jan 2019 13:24

Tot Ion: 65 Resp: 112572

Ion Ratio Lower Upper

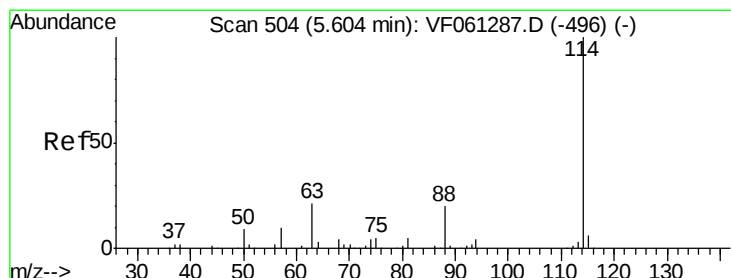
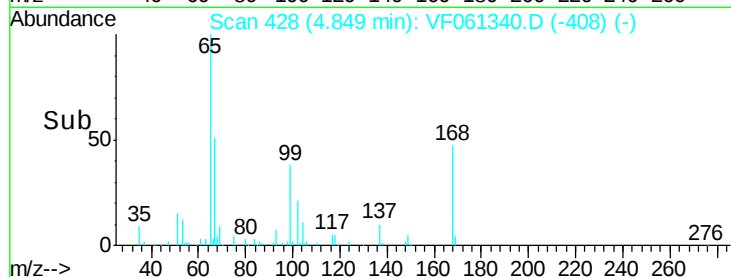
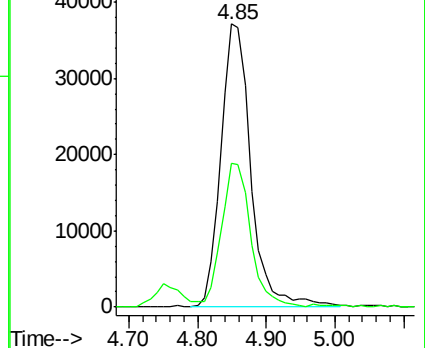
65 100

67 50.6 0.0 98.2



Abundance Ion 65.00 (64.70 to 65.70): VF0

Ion 67.00 (66.70 to 67.70): VF0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.61 min Scan# 505

Delta R.T. 0.00 min

Lab File: VF061340.D

Acq: 10 Jan 2019 13:24

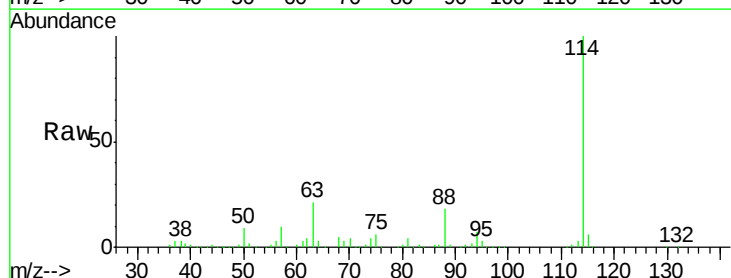
Tgt Ion: 114 Resp: 338431

Ion Ratio Lower Upper

114 100

63 20.6 0.0 42.8

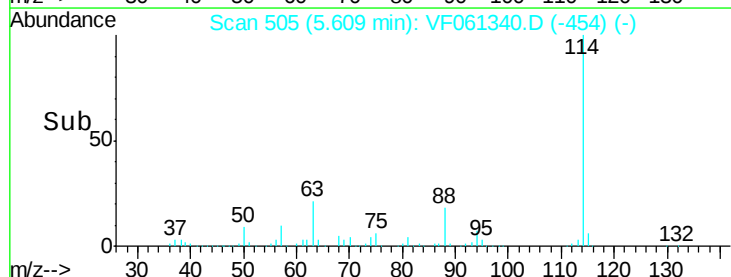
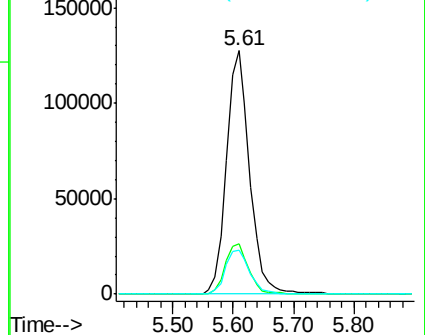
88 18.0 0.0 40.0

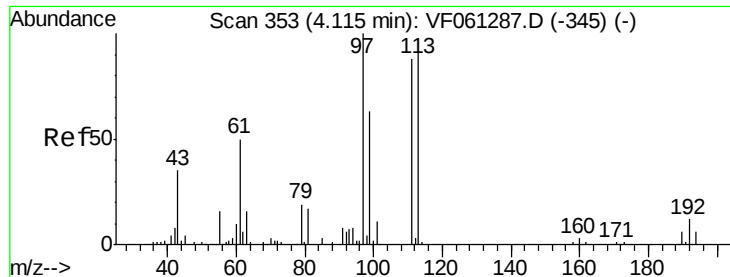


Abundance Ion 114.00 (113.70 to 114.70): V

Ion 63.00 (62.70 to 63.70): VF0

Ion 88.00 (87.70 to 88.70): VF0





#35

Dibromofluoromethane

Concen: 49.899 ug/l

RT: 4.13 min Scan# 355

Delta R.T. 0.01 min

Lab File: VF061340.D

Acq: 10 Jan 2019 13:24

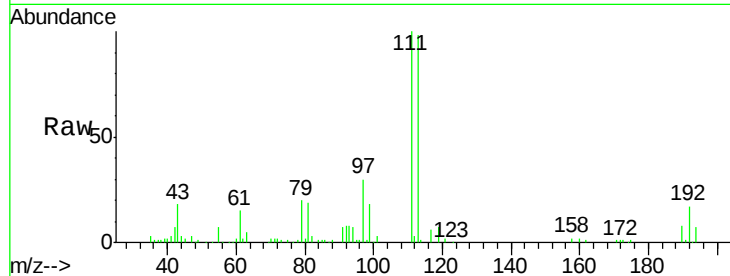
Tot Ion:113 Resp: 129215

Ion Ratio Lower Upper

113 100

111 102.2 78.0 117.0

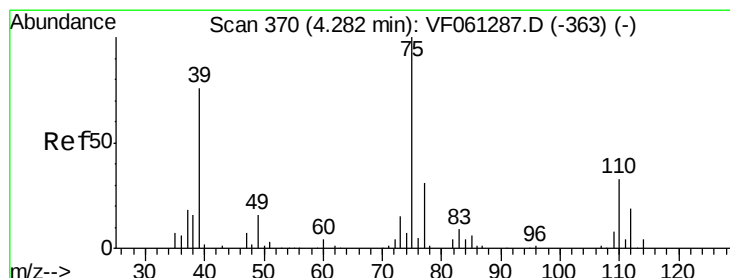
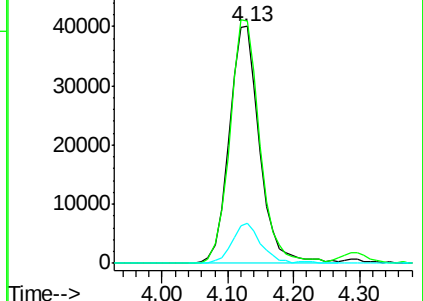
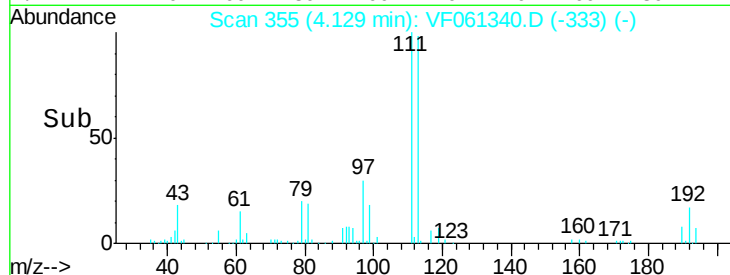
192 17.1 10.6 16.0#



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: 20.412 ug/l

RT: 4.30 min Scan# 372

Delta R.T. 0.01 min

Lab File: VF061340.D

Acq: 10 Jan 2019 13:24

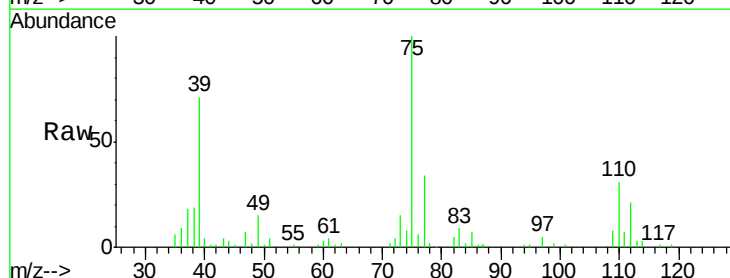
Tgt Ion: 75 Resp: 80670

Ion Ratio Lower Upper

75 100

110 30.7 16.6 49.8

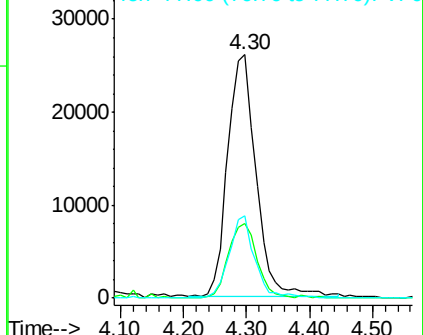
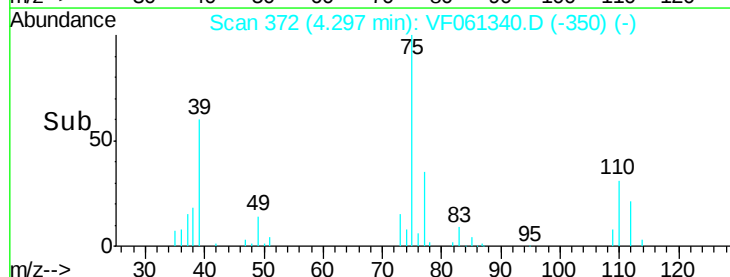
77 33.8 25.1 37.7

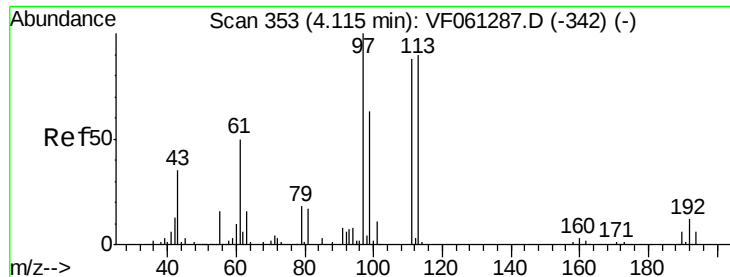


Abundance Ion 75.00 (74.70 to 75.70): VF0

Ion 110.00 (109.70 to 110.70): V

Ion 77.00 (76.70 to 77.70): VF0





#37

Ethyl Acetate

Concen: 23.554 ug/l

RT: 4.12 min Scan# 354

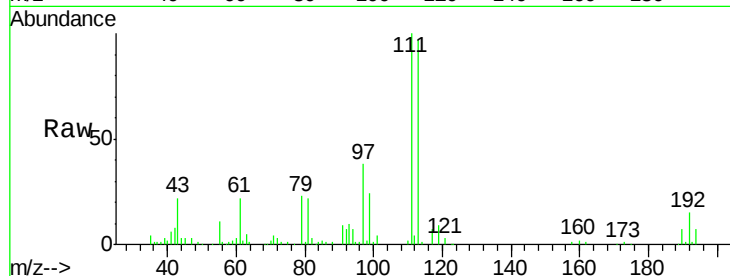
Delta R.T. 0.00 min

Lab File: VF061340.D

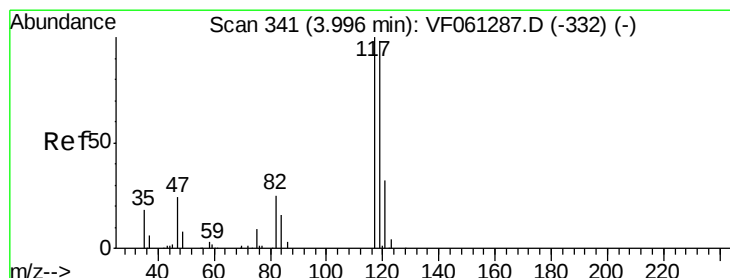
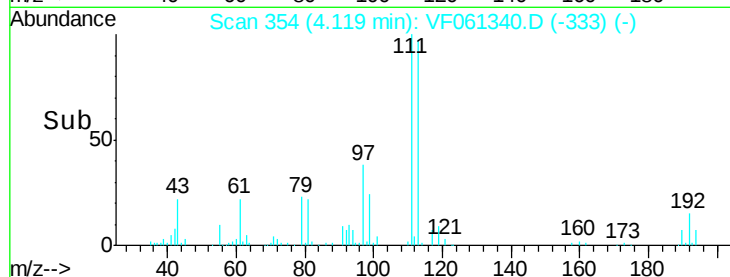
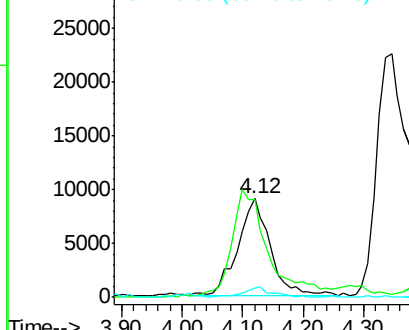
Acq: 10 Jan 2019 13:24

Tot Ion: 43 Resp: 33898

Ion	Ratio	Lower	Upper
43	100		
61	99.6	113.3	169.9#
70	9.7	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: 17.911 ug/l

RT: 4.00 min Scan# 342

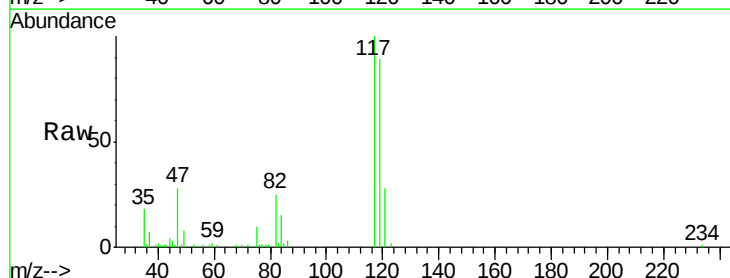
Delta R.T. 0.00 min

Lab File: VF061340.D

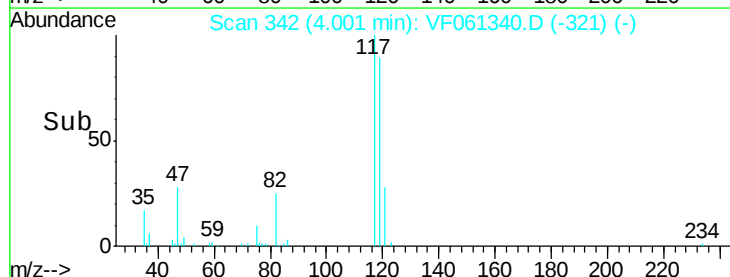
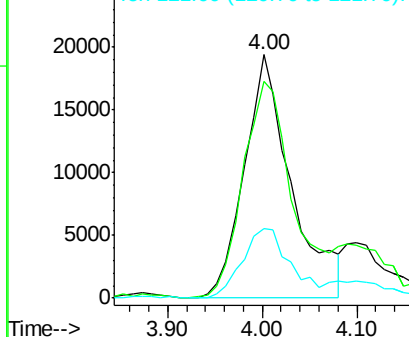
Acq: 10 Jan 2019 13:24

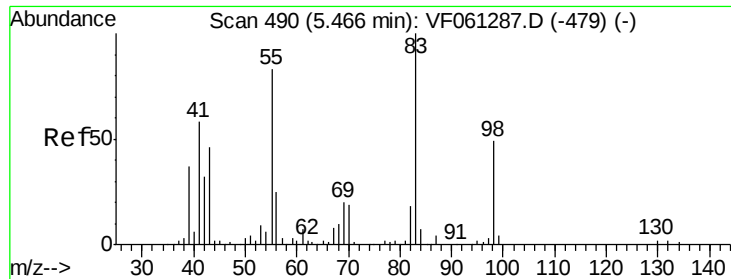
Tgt Ion: 117 Resp: 67041

Ion	Ratio	Lower	Upper
117	100		
119	88.9	78.5	117.7
121	28.3	25.3	37.9



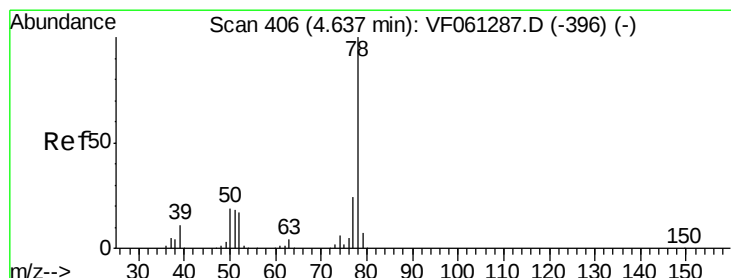
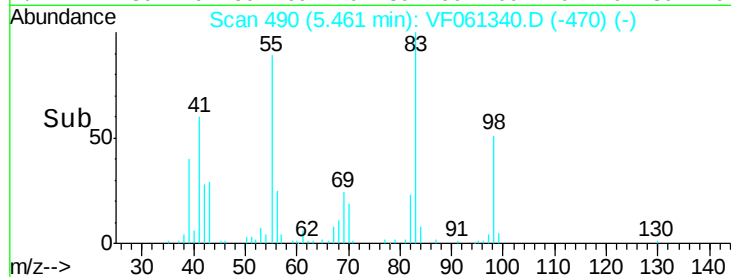
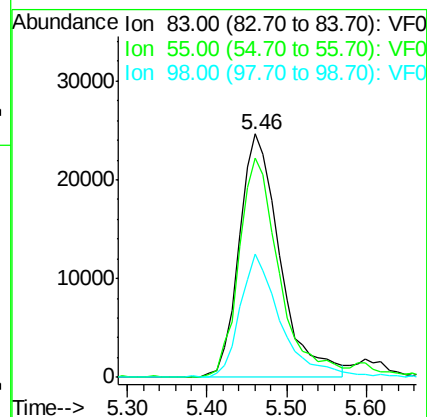
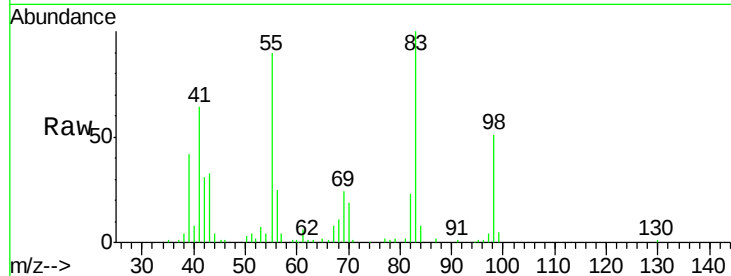
Abundance Ion 117.00 (116.70 to 117.70): V
Ion 119.00 (118.70 to 119.70): V
Ion 121.00 (120.70 to 121.70): V





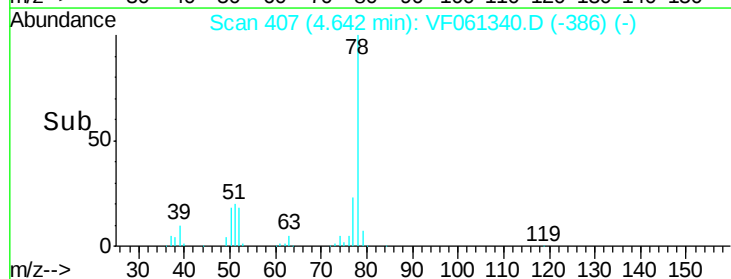
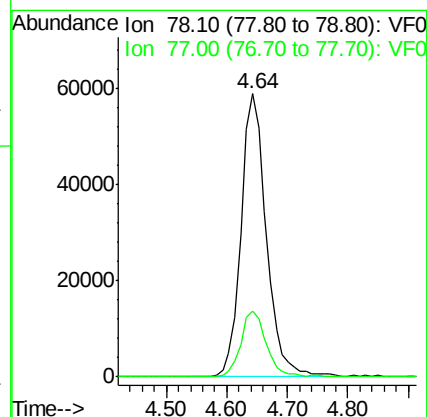
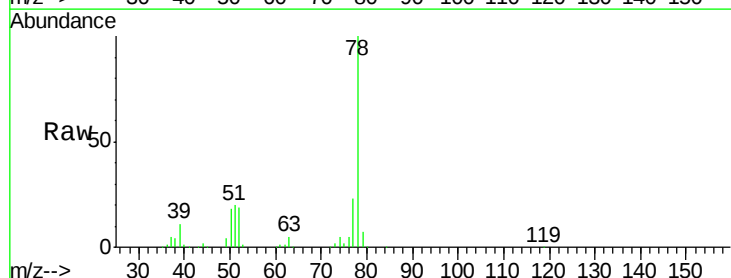
#39
Methvlcvclohexane
Concen: 17.706 ug/l
RT: 5.46 min Scan# 490
Delta R.T. -0.00 min
Lab File: VF061340.D
Acq: 10 Jan 2019 13:24

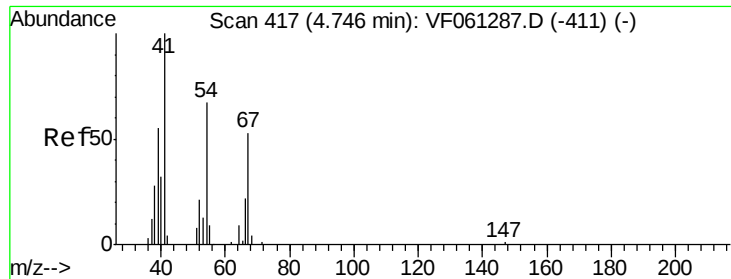
Tot Ion	83.00	Resp	87555
Ion	Ratio	Lower	Upper
83	100		
55	90.2	66.4	99.6
98	50.7	39.1	58.7



#40
Benzene
Concen: 18.622 ug/l
RT: 4.64 min Scan# 407
Delta R.T. 0.00 min
Lab File: VF061340.D
Acq: 10 Jan 2019 13:24

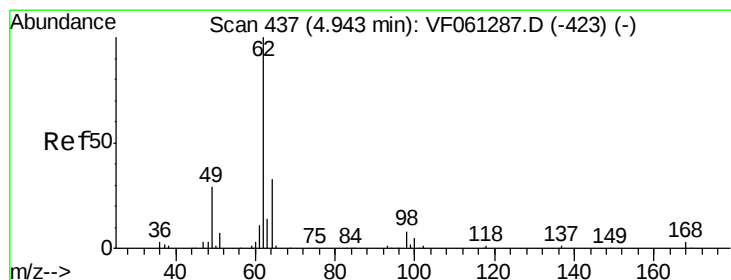
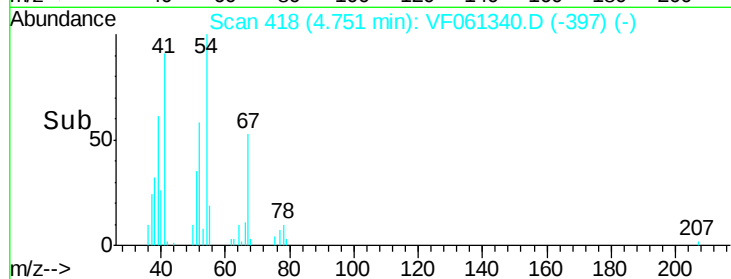
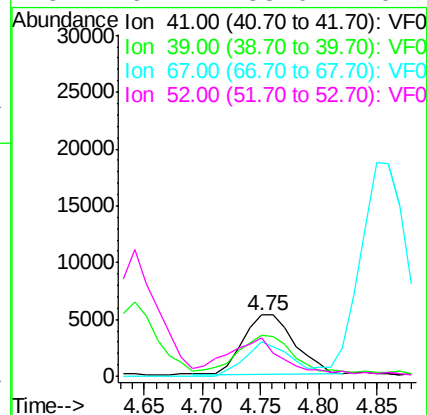
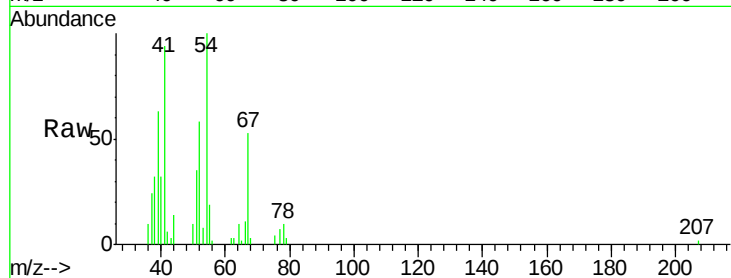
Tgt Ion	78	Resp	171816
Ion	Ratio	Lower	Upper
78	100		
77	23.4	19.1	28.7





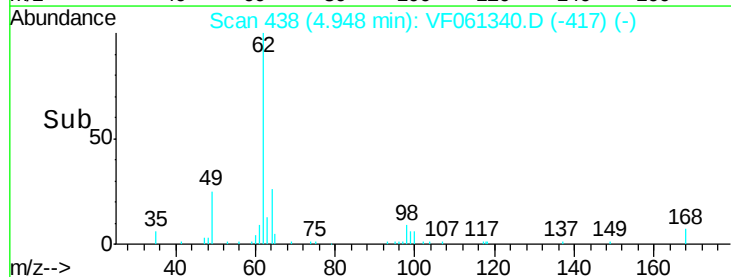
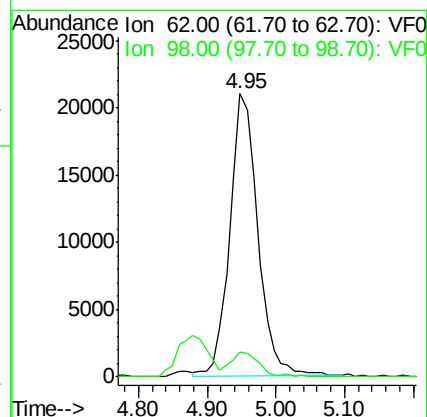
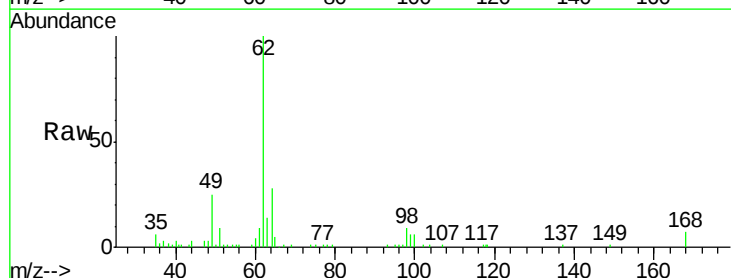
#41
Methacrylonitrile
Concen: 19.937 ug/l
RT: 4.75 min Scan# 418
Delta R.T. 0.00 min
Lab File: VF061340.D
Acq: 10 Jan 2019 13:24

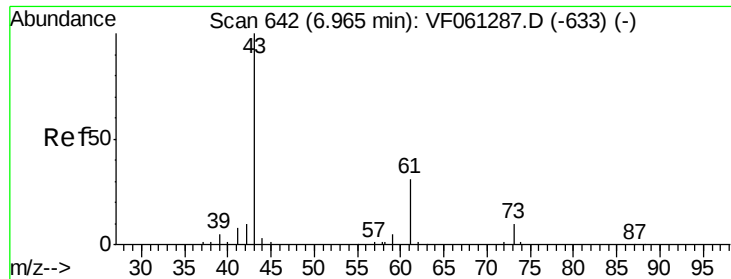
Tot Ion: 41 Resp: 16023
Ion Ratio Lower Upper
41 100
39 67.5 52.7 79.1
67 56.5 41.4 62.2
52 62.2 33.0 49.4#



#42
1,2-Dichloroethane
Concen: 20.714 ug/l
RT: 4.95 min Scan# 438
Delta R.T. 0.00 min
Lab File: VF061340.D
Acq: 10 Jan 2019 13:24

Tgt Ion: 62 Resp: 59503
Ion Ratio Lower Upper
62 100
98 8.9 0.0 16.8

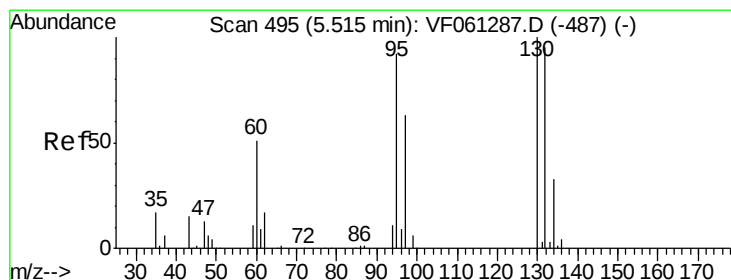
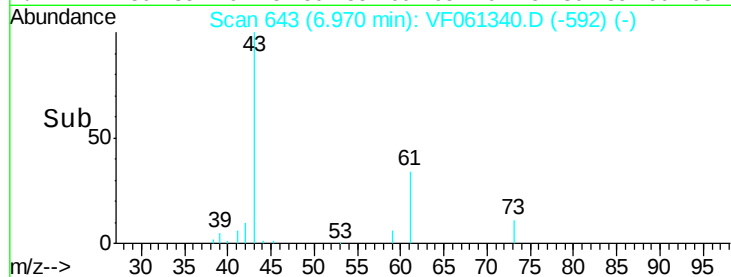
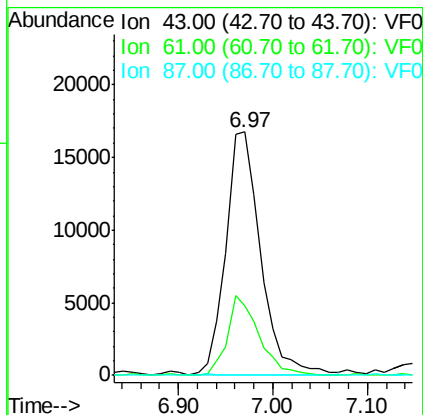
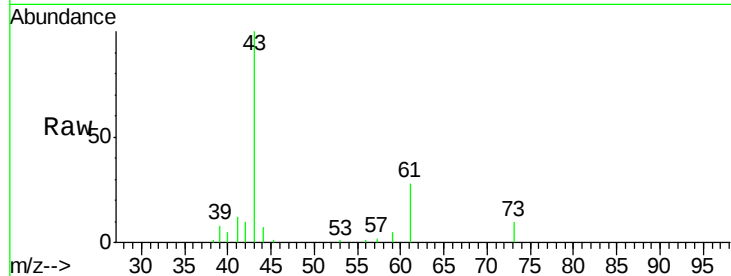




#43

Isopropyl Acetate
 Concen: 22.722 ug/l
 RT: 6.97 min Scan# 643
 Delta R.T. 0.00 min
 Lab File: VF061340.D
 Acq: 10 Jan 2019 13:24

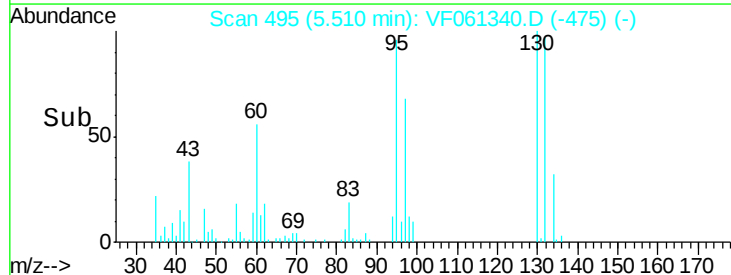
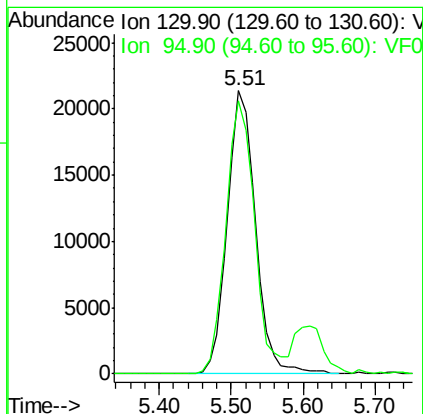
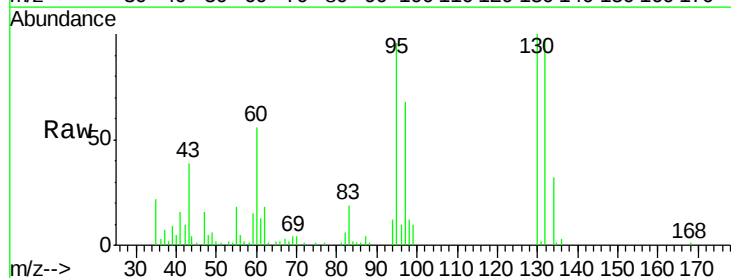
Tot Ion	43	61	87
Resp	43174		
Ratio	100	28.4	0.0
Lower		24.3	0.2
Upper		36.5	0.4

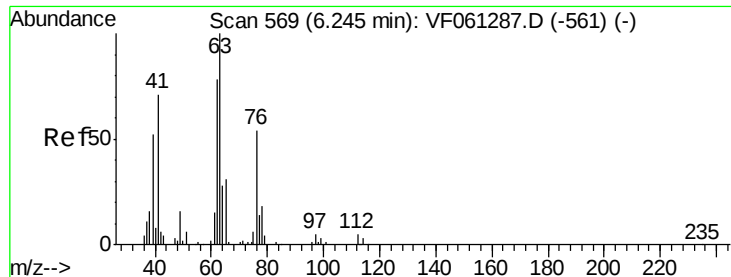


#44

Trichloroethene
 Concen: 21.676 ug/l
 RT: 5.51 min Scan# 495
 Delta R.T. -0.01 min
 Lab File: VF061340.D
 Acq: 10 Jan 2019 13:24

Tgt Ion	130	95
Resp	58531	
Ratio	100	96.5
Lower		0.0
Upper		184.4





#45

1,2-Dichloropropane

Concen: 20.035 ug/l

RT: 6.24 min Scan# 569

Delta R.T. -0.00 min

Lab File: VF061340.D

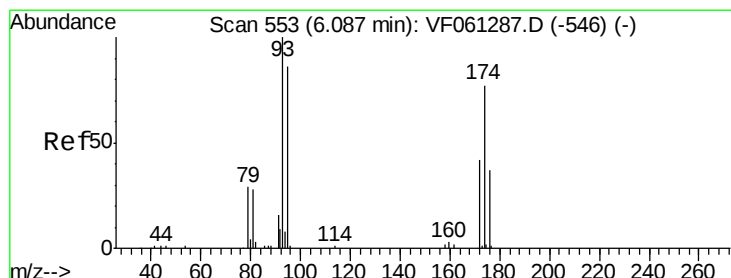
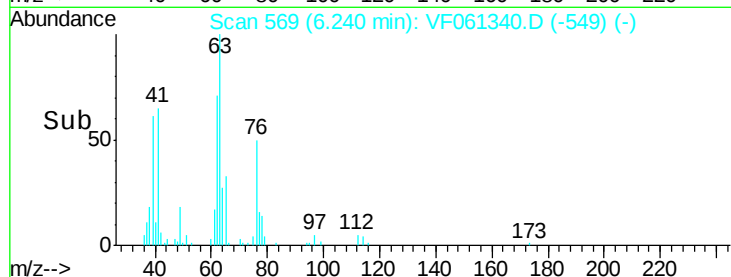
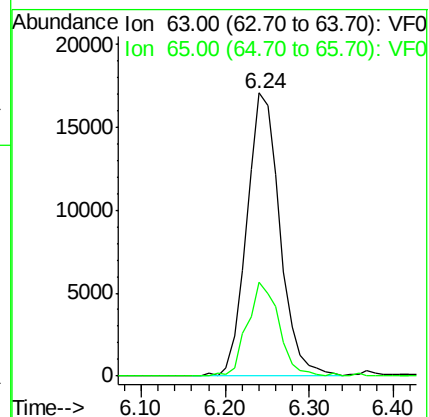
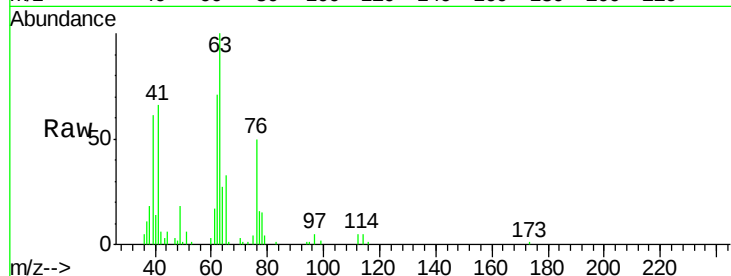
Acq: 10 Jan 2019 13:24

Tot Ion: 63 Resp: 47009

Ion Ratio Lower Upper

63 100

65 33.1 25.1 37.7



#46

Dibromomethane

Concen: 21.240 ug/l

RT: 6.10 min Scan# 555

Delta R.T. 0.01 min

Lab File: VF061340.D

Acq: 10 Jan 2019 13:24

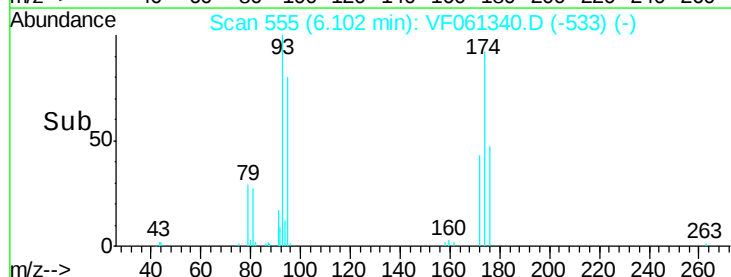
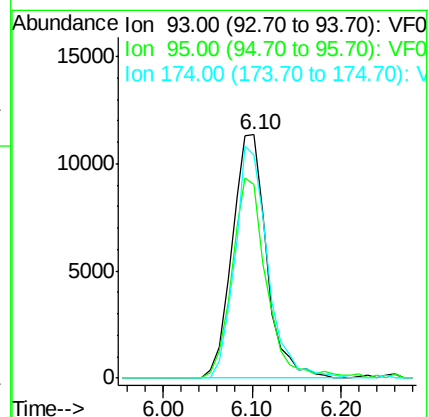
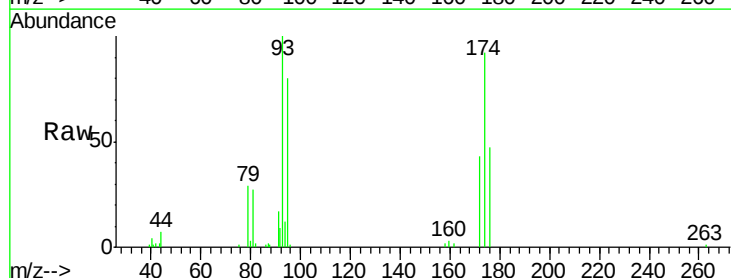
Tgt Ion: 93 Resp: 30599

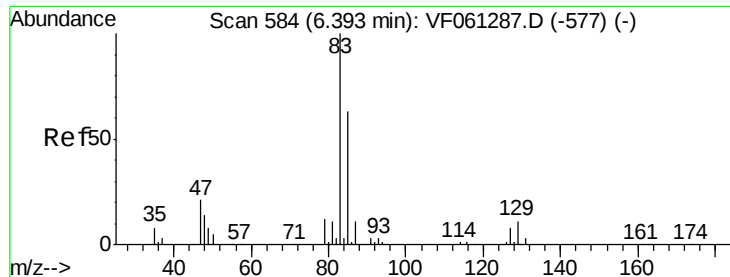
Ion Ratio Lower Upper

93 100

95 79.7 68.8 103.2

174 91.7 62.9 94.3





#47

Bromodichloromethane

Concen: 20.833 ug/l

RT: 6.40 min Scan# 585

Delta R.T. 0.00 min

Lab File: VF061340.D

Acq: 10 Jan 2019 13:24

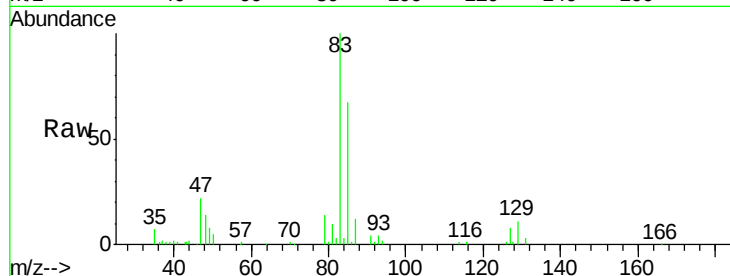
Tot Ion: 83 Resp: 74642

Ion Ratio Lower Upper

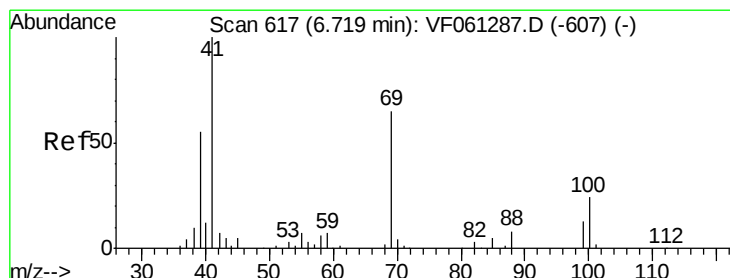
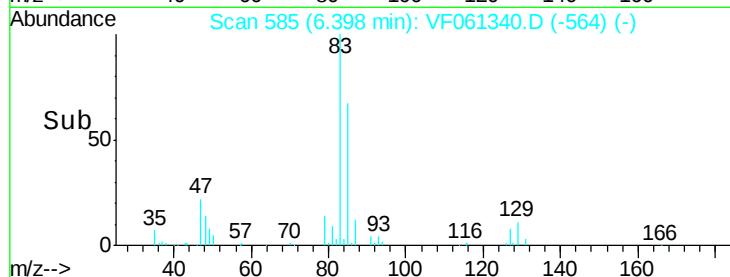
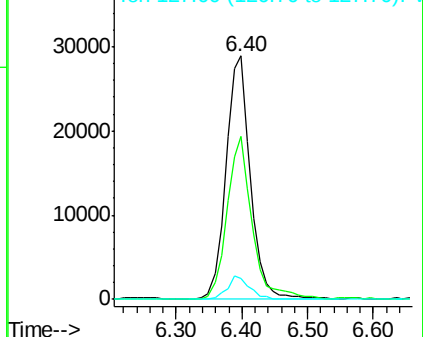
83 100

85 66.8 50.4 75.6

127 8.7 6.4 9.6



Abundance Ion 83.00 (82.70 to 83.70): VF0
Ion 85.00 (84.70 to 85.70): VF0
Ion 127.00 (126.70 to 127.70): V



#48

Methyl methacrylate

Concen: 23.543 ug/l

RT: 6.72 min Scan# 618

Delta R.T. 0.00 min

Lab File: VF061340.D

Acq: 10 Jan 2019 13:24

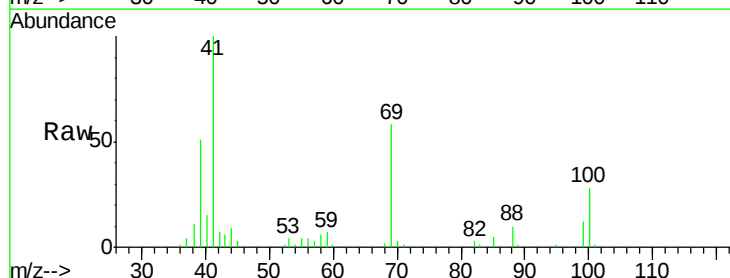
Tgt Ion: 41 Resp: 29036

Ion Ratio Lower Upper

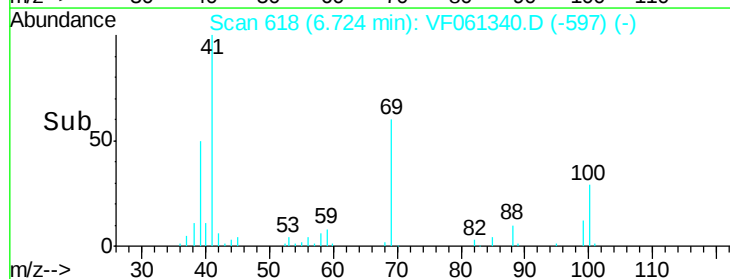
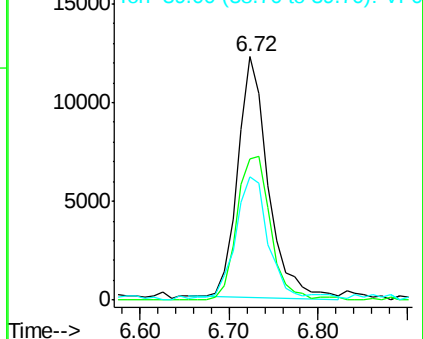
41 100

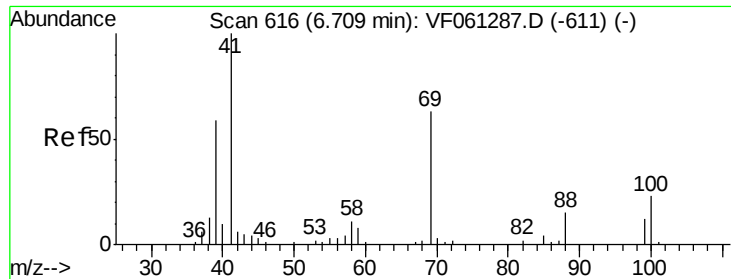
69 58.0 51.5 77.3

39 50.6 44.1 66.1



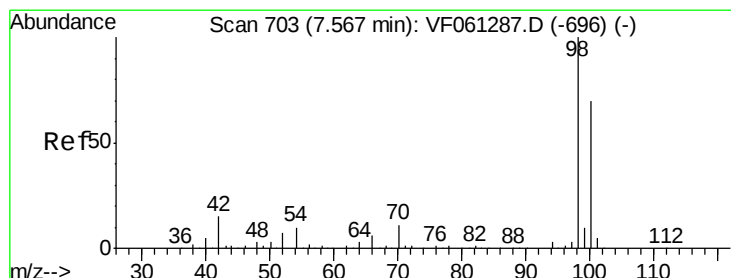
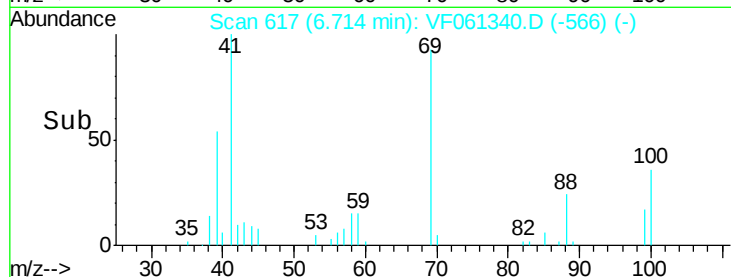
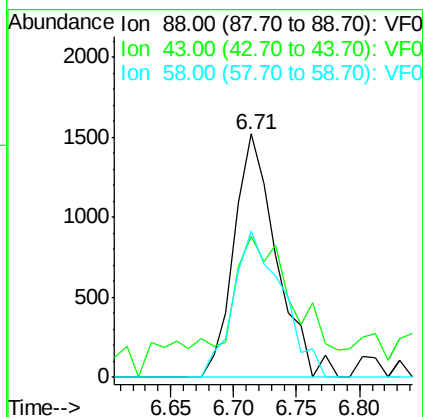
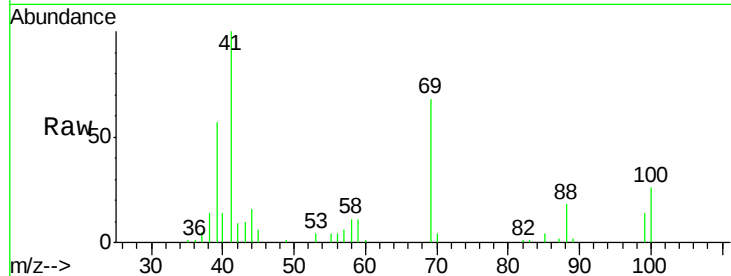
Abundance Ion 41.00 (40.70 to 41.70): VF0
Ion 69.00 (68.70 to 69.70): VF0
Ion 39.00 (38.70 to 39.70): VF0





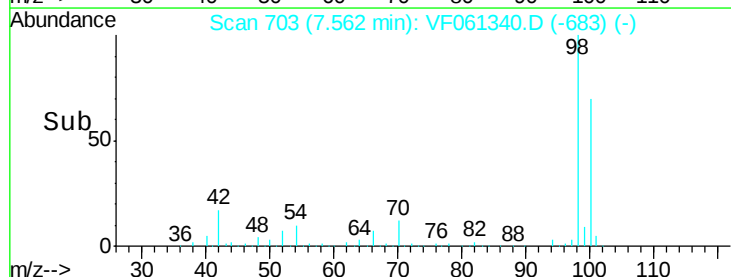
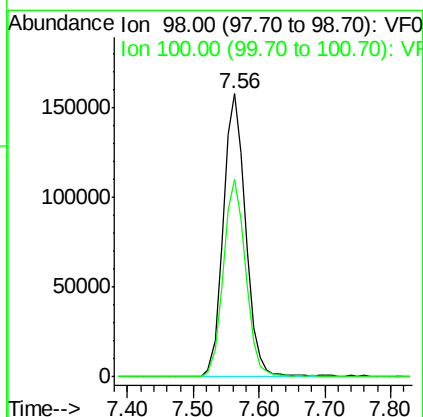
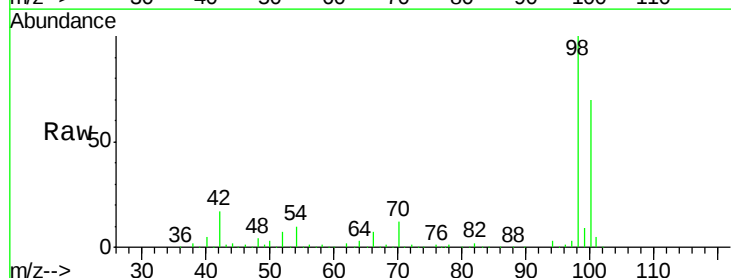
#49
1,4-Dioxane
Concen: 455.404 ug/l
RT: 6.71 min Scan# 617
Delta R.T. 0.00 min
Lab File: VF061340.D
Acq: 10 Jan 2019 13:24

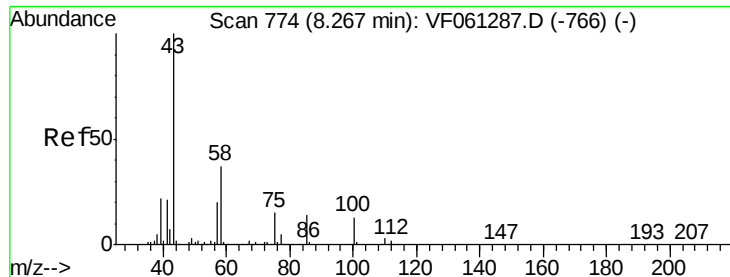
Tot Ion: 88 Resp: 3544
Ion Ratio Lower Upper
88 100
43 58.2 38.5 57.7#
58 60.0 57.0 85.4



#50
Toluene-d8
Concen: 49.261 ug/l
RT: 7.56 min Scan# 703
Delta R.T. -0.00 min
Lab File: VF061340.D
Acq: 10 Jan 2019 13:24

Tgt Ion: 98 Resp: 377491
Ion Ratio Lower Upper
98 100
100 70.0 55.6 83.4





#51

4-Methyl-2-Pentanone

Concen: 112.351 ug/l

RT: 8.26 min Scan# 774

Delta R.T. -0.01 min

Lab File: VF061340.D

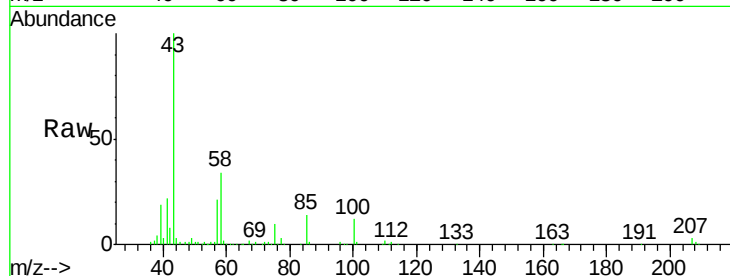
Acq: 10 Jan 2019 13:24

Tot Ion: 43 Resp: 161130

Ion Ratio Lower Upper

43 100

58 34.3 29.6 44.4



Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 58.00 (57.70 to 58.70): VF0

8.26

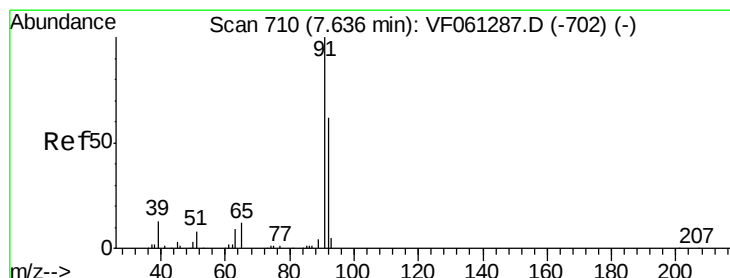
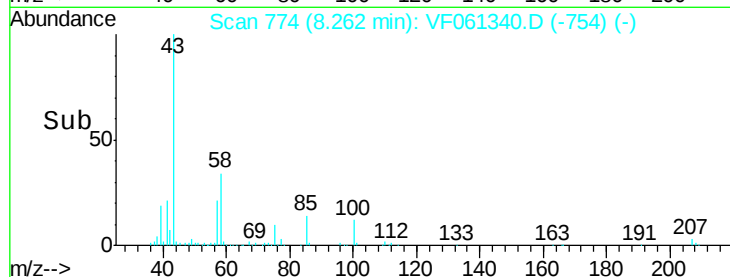
60000

40000

20000

0

Time-->



#52

Toluene

Concen: 20.070 ug/l

RT: 7.63 min Scan# 710

Delta R.T. -0.01 min

Lab File: VF061340.D

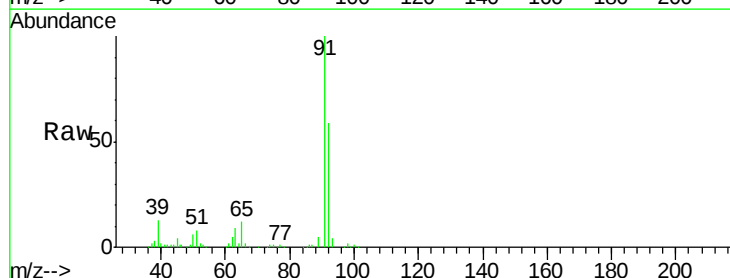
Acq: 10 Jan 2019 13:24

Tgt Ion: 92 Resp: 119025

Ion Ratio Lower Upper

92 100

91 169.5 129.2 193.8



Abundance Ion 92.00 (91.70 to 92.70): VF0

Ion 91.00 (90.70 to 91.70): VF0

7.63

100000

80000

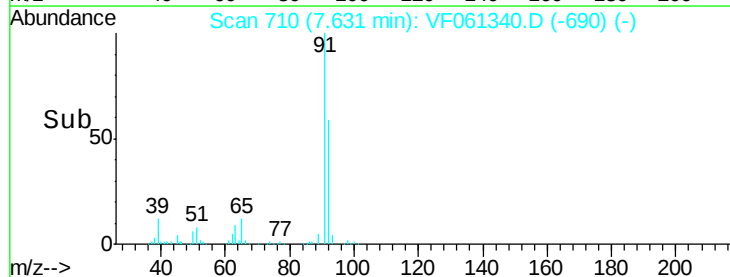
60000

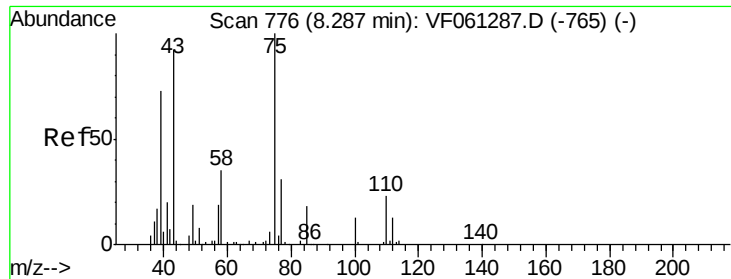
40000

20000

0

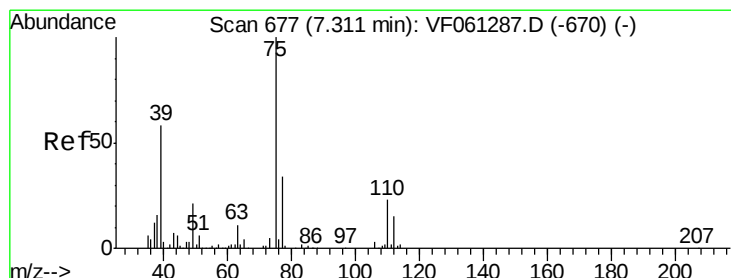
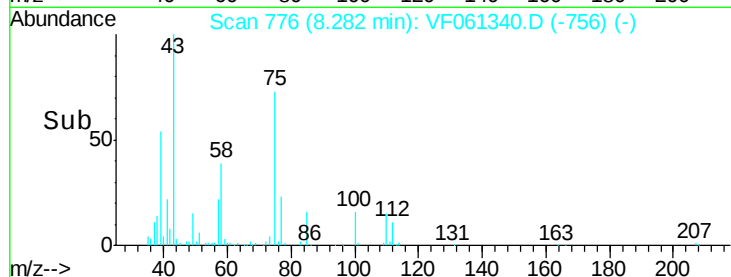
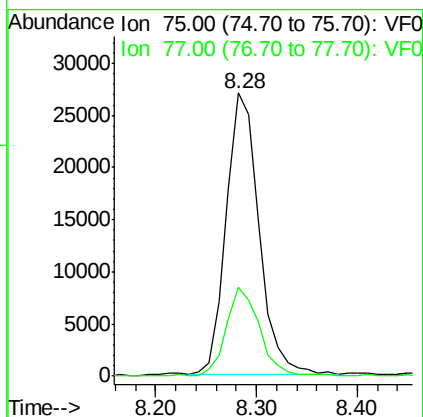
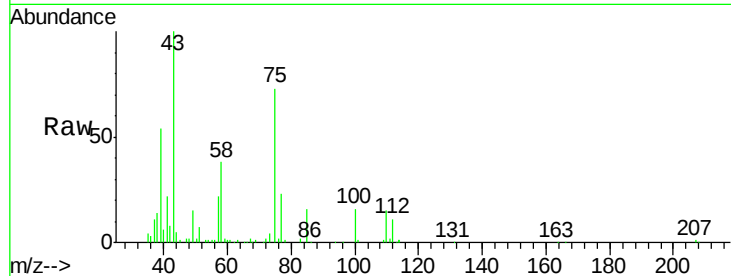
Time-->





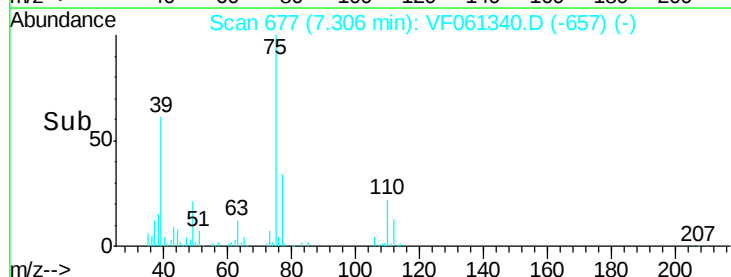
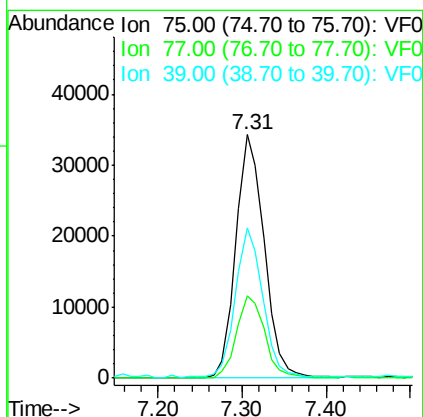
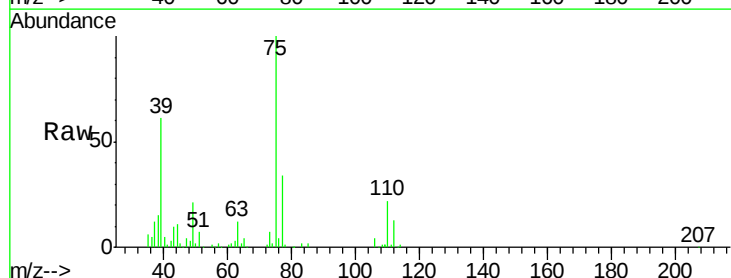
#53
 t-1,3-Dichloropropene
 Concen: 21.606 ug/l
 RT: 8.28 min Scan# 776
 Delta R.T. -0.00 min
 Lab File: VF061340.D
 Acq: 10 Jan 2019 13:24

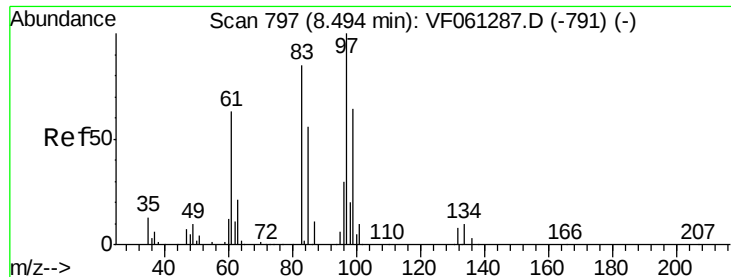
Tot Ion: 75 Resp: 60792
 Ion Ratio Lower Upper
 75 100
 77 31.3 24.7 37.1



#54
 cis-1,3-Dichloropropene
 Concen: 21.793 ug/l
 RT: 7.31 min Scan# 677
 Delta R.T. -0.01 min
 Lab File: VF061340.D
 Acq: 10 Jan 2019 13:24

Tgt Ion: 75 Resp: 81304
 Ion Ratio Lower Upper
 75 100
 77 34.0 27.3 40.9
 39 61.5 46.3 69.5





#55

1,1,2-Trichloroethane

Concen: 22.277 ug/l

RT: 8.50 min Scan# 798

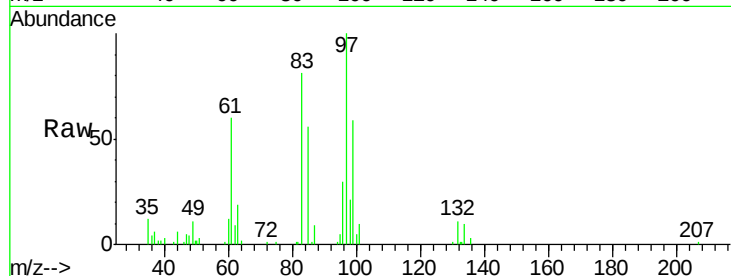
Delta R.T. 0.00 min

Lab File: VF061340.D

Acq: 10 Jan 2019 13:24

Tot Ion: 97 Resp: 36970

Ion	Ratio	Lower	Upper
97	100		
83	81.5	67.8	101.6
85	55.8	45.1	67.7
99	59.3	51.0	76.6

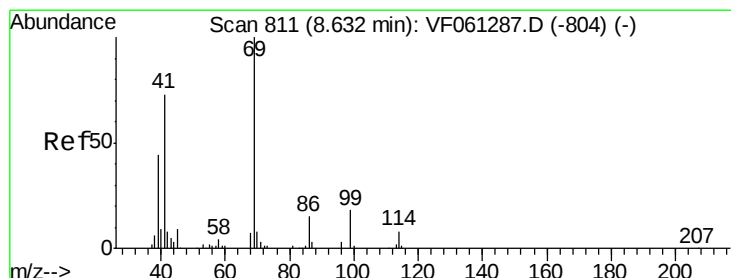
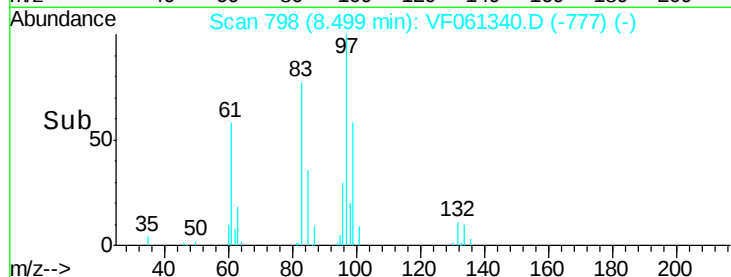
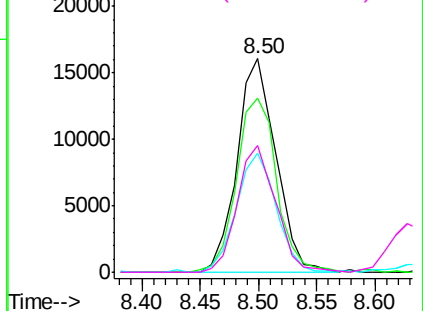


Abundance Ion 97.00 (96.70 to 97.70): VF0

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: 22.251 ug/l

RT: 8.63 min Scan# 811

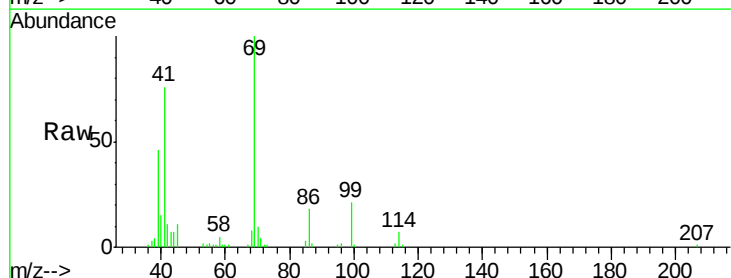
Delta R.T. -0.00 min

Lab File: VF061340.D

Acq: 10 Jan 2019 13:24

Tgt Ion: 69 Resp: 41270

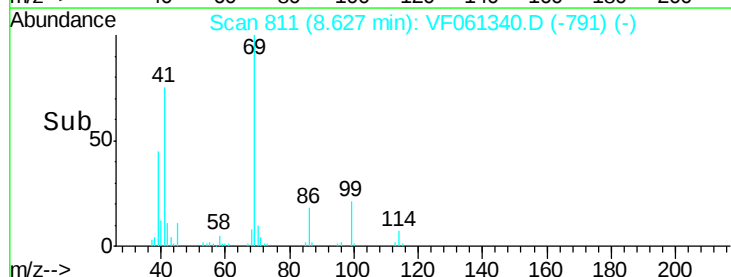
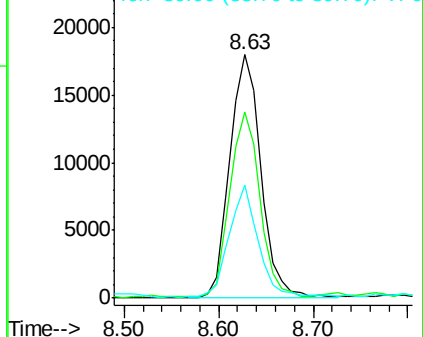
Ion	Ratio	Lower	Upper
69	100		
41	76.3	59.0	88.4
39	46.3	35.3	52.9

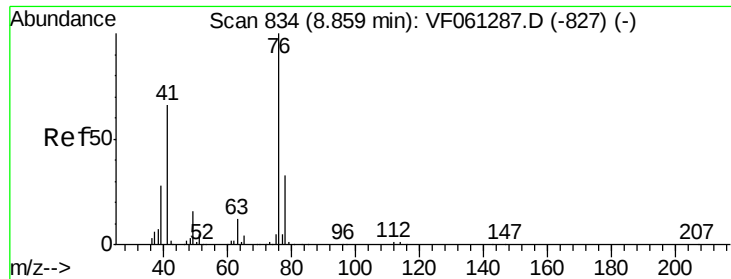


Abundance Ion 69.00 (68.70 to 69.70): VF0

Ion 41.00 (40.70 to 41.70): VF0

Ion 39.00 (38.70 to 39.70): VF0





#57

1,3-Dichloropropane

Concen: 22.522 ug/l

RT: 8.86 min Scan# 835

Delta R.T. 0.00 min

Lab File: VF061340.D

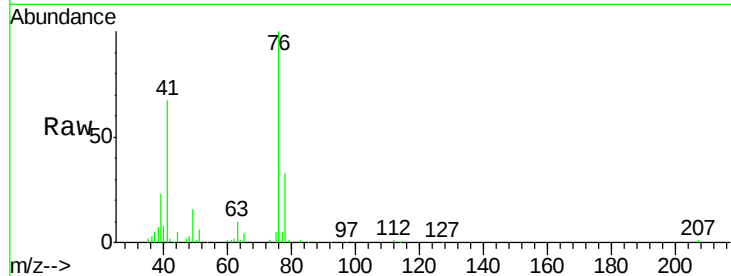
Acq: 10 Jan 2019 13:24

Tot Ion: 76 Resp: 66147

Ion Ratio Lower Upper

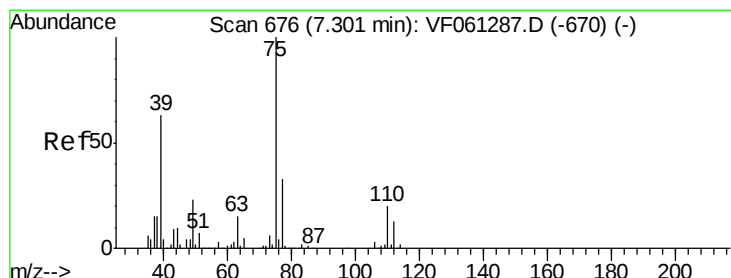
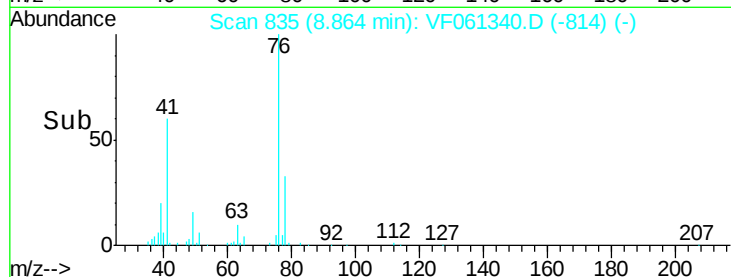
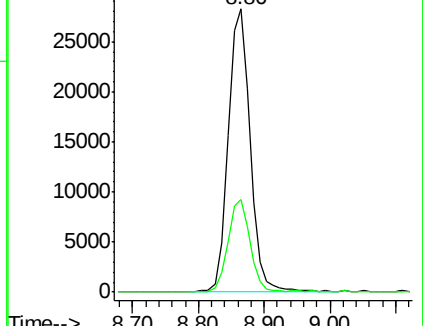
76 100

78 32.7 26.8 40.2



Abundance Ion 76.00 (75.70 to 76.70): VF0

Ion 78.00 (77.70 to 78.70): VF0



#58

2-Chloroethyl Vinyl ether

Concen: 124.013 ug/l

RT: 7.31 min Scan# 677

Delta R.T. 0.00 min

Lab File: VF061340.D

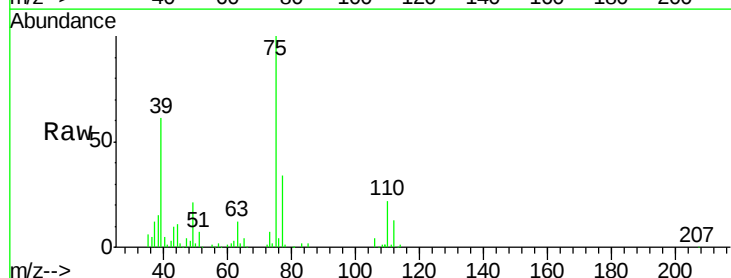
Acq: 10 Jan 2019 13:24

Tgt Ion: 63 Resp: 9802

Ion Ratio Lower Upper

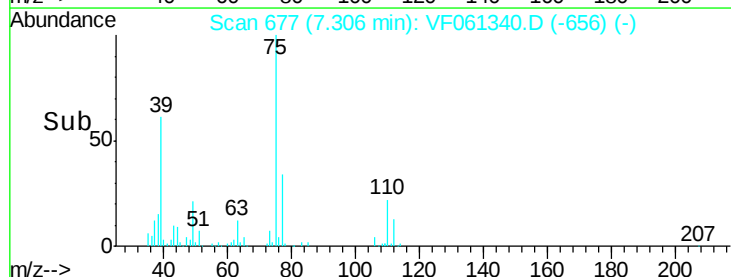
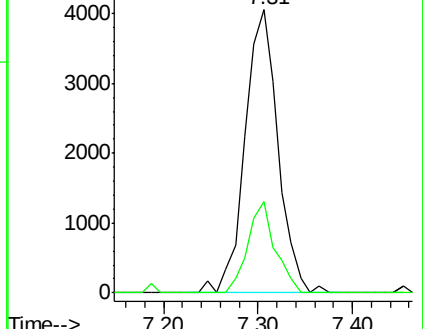
63 100

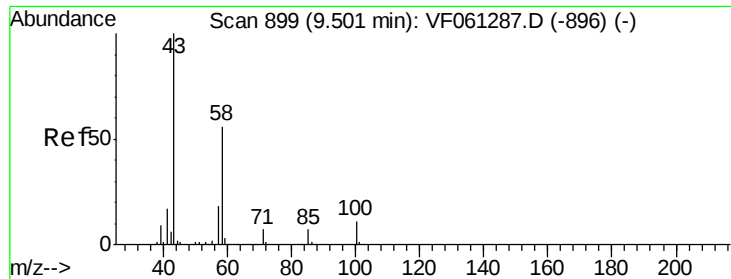
106 32.1 16.5 24.7#



Abundance Ion 63.00 (62.70 to 63.70): VF0

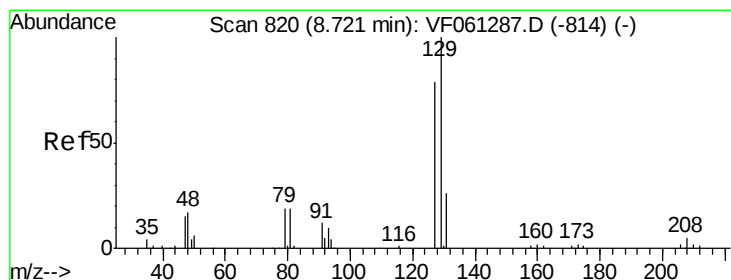
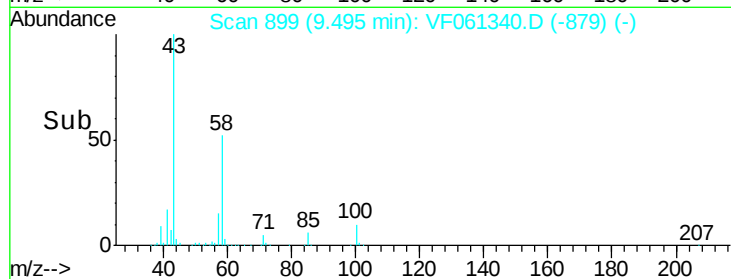
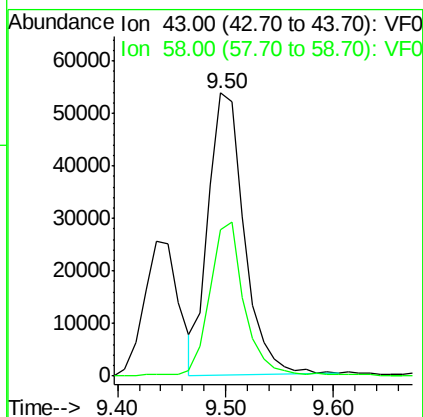
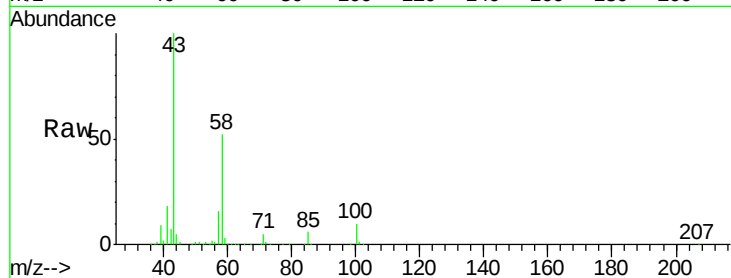
Ion 106.00 (105.70 to 106.70): V





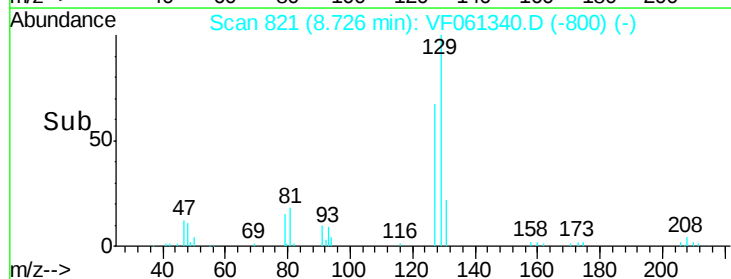
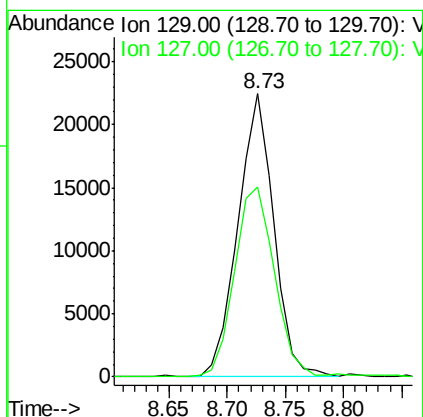
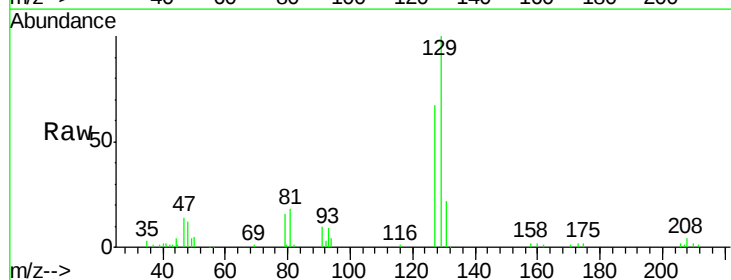
#59
2-Hexanone
Concen: 121.713 ug/l
RT: 9.50 min Scan# 899
Delta R.T. -0.01 min
Lab File: VF061340.D
Acq: 10 Jan 2019 13:24

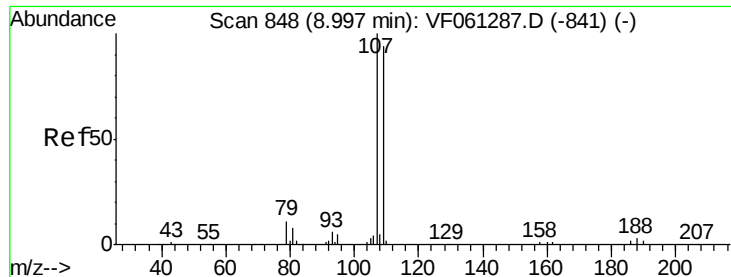
Tot Ion: 43 Resp: 123665
Ion Ratio Lower Upper
43 100
58 51.5 25.6 76.8



#60
Dibromochloromethane
Concen: 21.669 ug/l
RT: 8.73 min Scan# 821
Delta R.T. 0.00 min
Lab File: VF061340.D
Acq: 10 Jan 2019 13:24

Tgt Ion: 129 Resp: 47884
Ion Ratio Lower Upper
129 100
127 67.2 39.4 118.1





#61

1,2-Dibromoethane

Concen: 22.607 ug/l

RT: 8.99 min Scan# 848

Delta R.T. -0.00 min

Lab File: VF061340.D

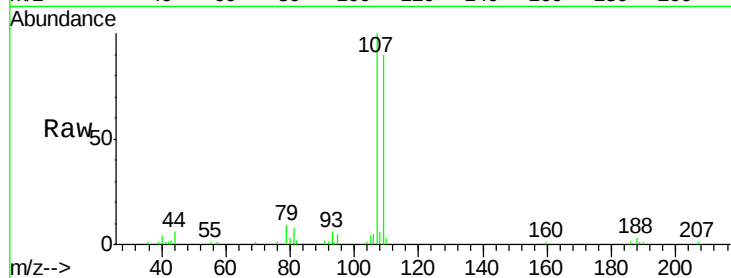
Acq: 10 Jan 2019 13:24

Tot Ion:107 Resp: 38244

Ion Ratio Lower Upper

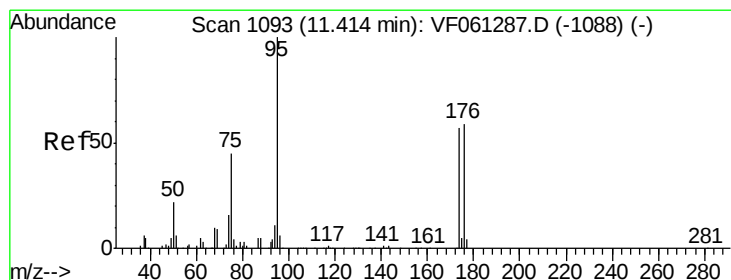
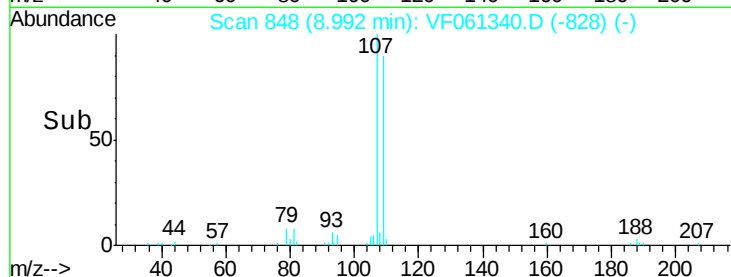
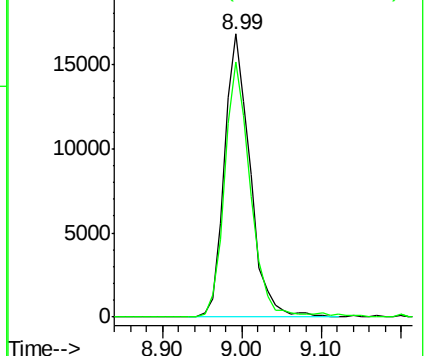
107 100

109 90.0 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: 52.089 ug/l

RT: 11.42 min Scan# 1094

Delta R.T. 0.00 min

Lab File: VF061340.D

Acq: 10 Jan 2019 13:24

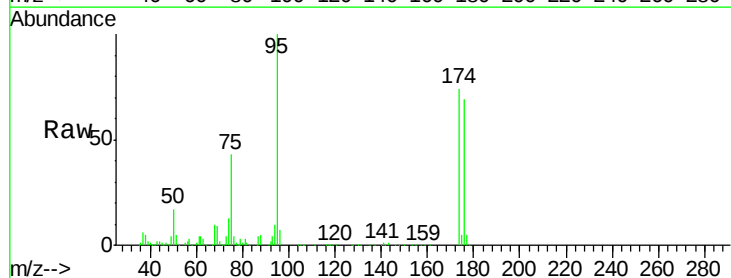
Tgt Ion: 95 Resp: 174298

Ion Ratio Lower Upper

95 100

174 73.8 0.0 114.2

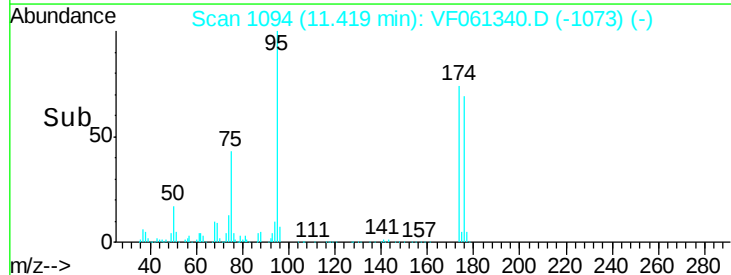
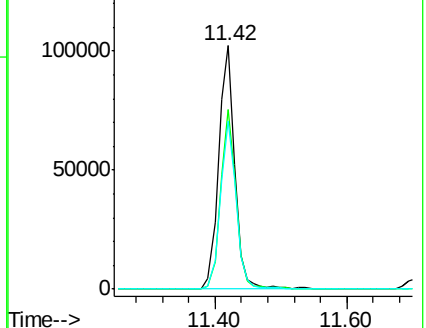
176 69.0 0.0 117.8

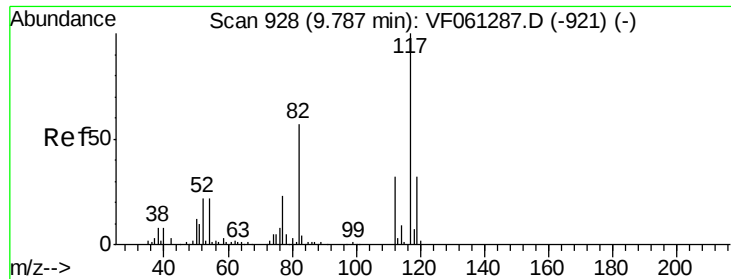


Abundance Ion 95.00 (94.70 to 95.70): VF0

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: VF061340.D

Acq: 10 Jan 2019 13:24

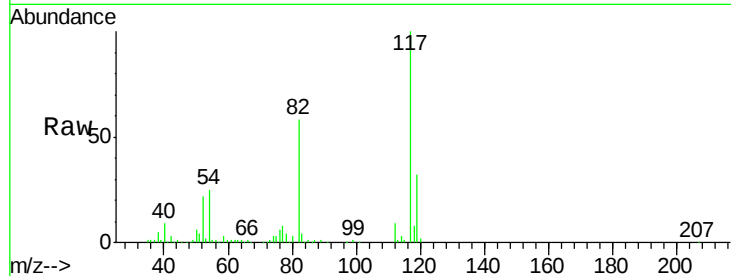
Tot Ion:117 Resp: 310304

Ion Ratio Lower Upper

117 100

82 57.7 45.3 67.9

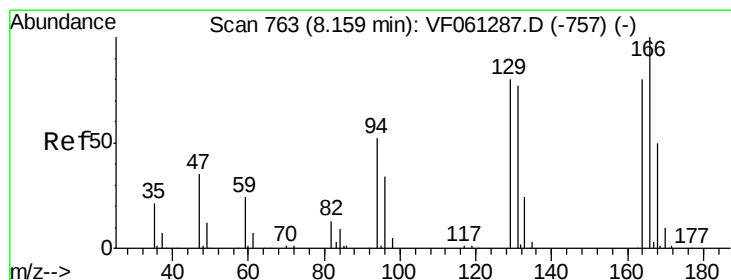
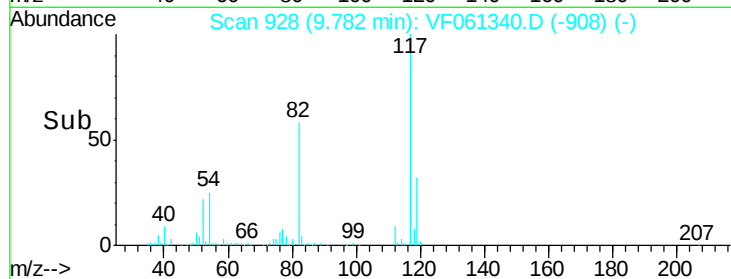
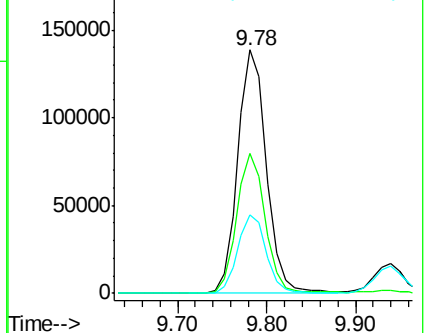
119 32.1 25.4 38.0



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



#64

Tetrachloroethene

Concen: 21.985 ug/l

RT: 8.15 min Scan# 763

Delta R.T. -0.01 min

Lab File: VF061340.D

Acq: 10 Jan 2019 13:24

Tgt Ion:164 Resp: 49670

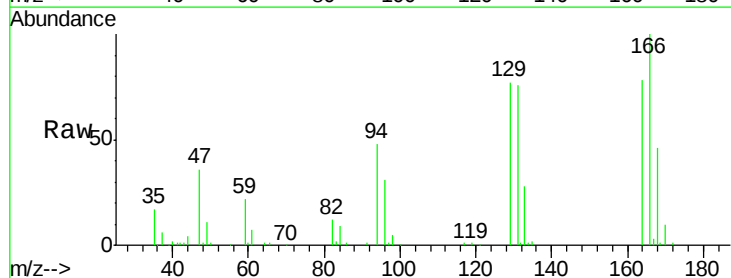
Ion Ratio Lower Upper

164 100

166 128.9 100.1 150.1

129 98.8 80.1 120.1

131 97.9 76.7 115.1

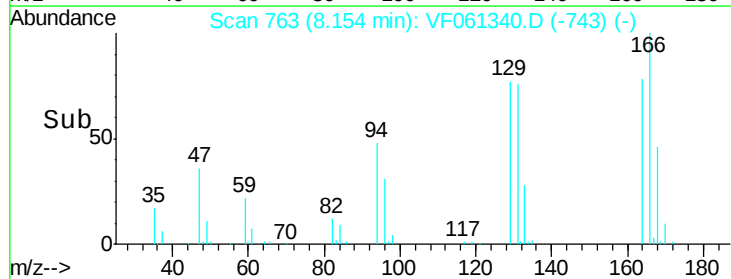
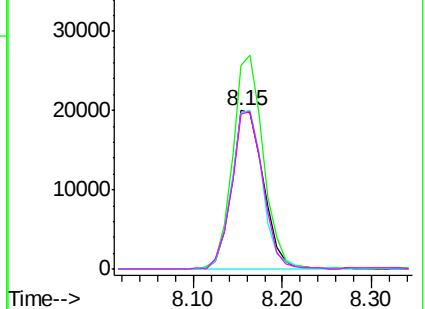


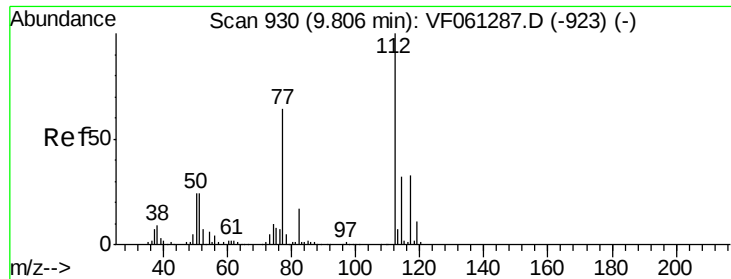
Abundance Ion 163.85 (163.55 to 164.55): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.90 (128.60 to 129.60): V

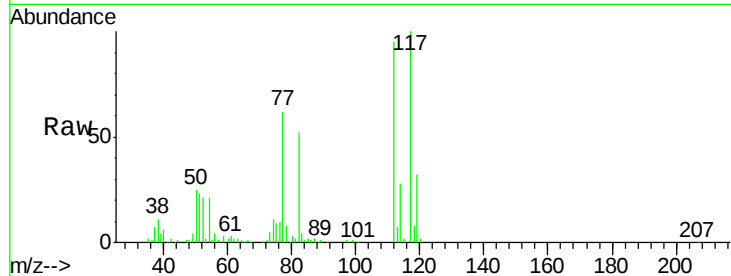
Ion 130.90 (130.60 to 131.60): V



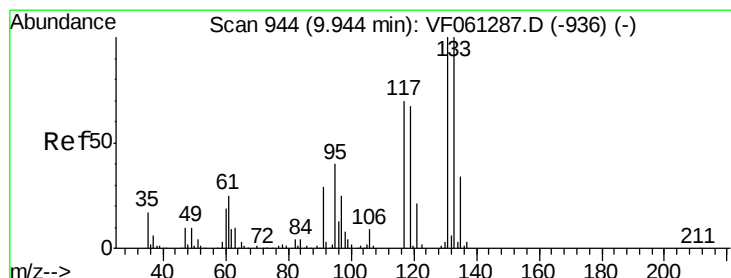
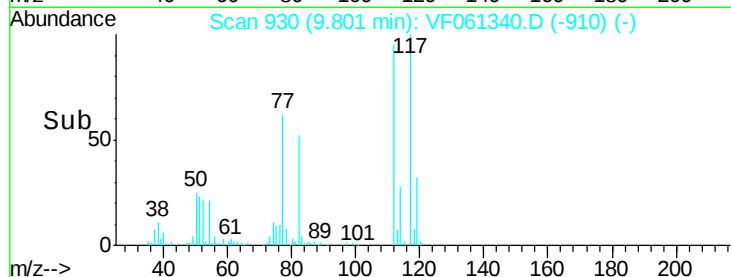
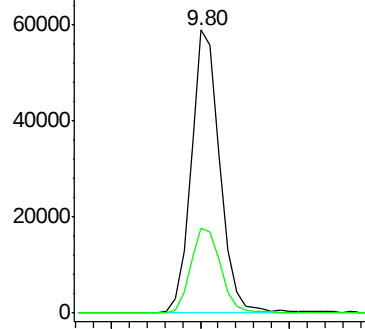


#65
Chlorobenzene
Concen: 21.035 ug/l
RT: 9.80 min Scan# 930
Delta R.T. -0.00 min
Lab File: VF061340.D
Acq: 10 Jan 2019 13:24

Tot Ion:112 Resp: 131806
Ion Ratio Lower Upper
112 100
114 30.0 25.8 38.8

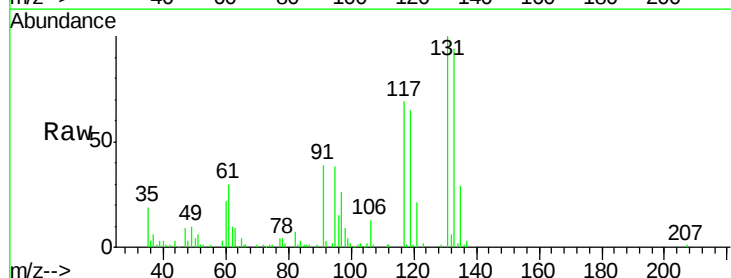


Abundance Ion 112.00 (111.70 to 112.70): V
Ion 114.00 (113.70 to 114.70): V

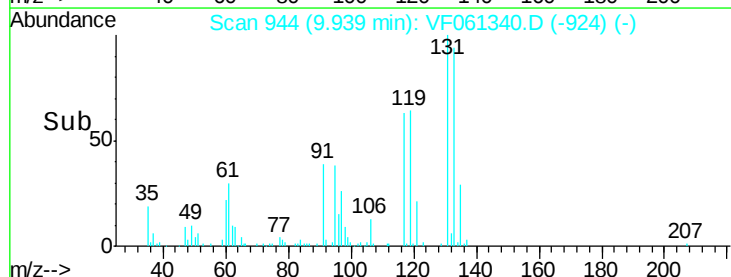
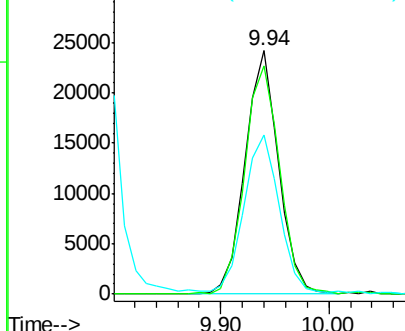


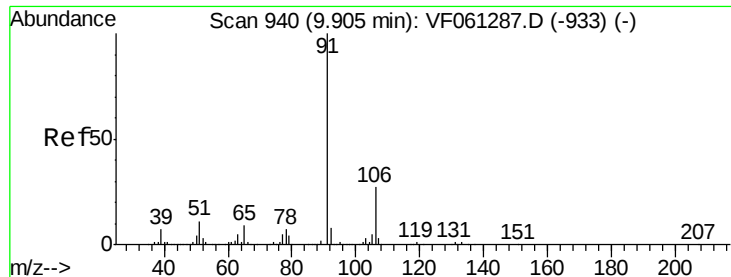
#66
1,1,1,2-Tetrachloroethane
Concen: 20.414 ug/l
RT: 9.94 min Scan# 944
Delta R.T. -0.00 min
Lab File: VF061340.D
Acq: 10 Jan 2019 13:24

Tgt Ion:131 Resp: 52194
Ion Ratio Lower Upper
131 100
133 93.7 49.9 149.6
119 65.5 33.9 101.6



Abundance Ion 131.00 (130.70 to 131.70): V
Ion 133.00 (132.70 to 133.70): V
Ion 119.00 (118.70 to 119.70): V





#67

Ethyl Benzene

Concen: 21.073 ug/l

RT: 9.91 min Scan# 941

Delta R.T. 0.00 min

Lab File: VF061340.D

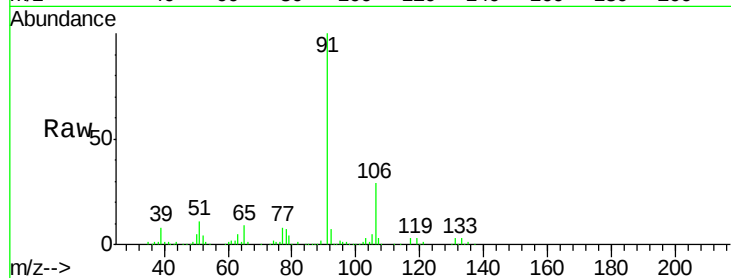
Acq: 10 Jan 2019 13:24

Tot Ion: 91 Resp: 254594

Ion Ratio Lower Upper

91 100

106 29.1 21.4 32.2



Abundance Ion 91.00 (90.70 to 91.70): VF0

Ion 106.00 (105.70 to 106.70): V

9.91

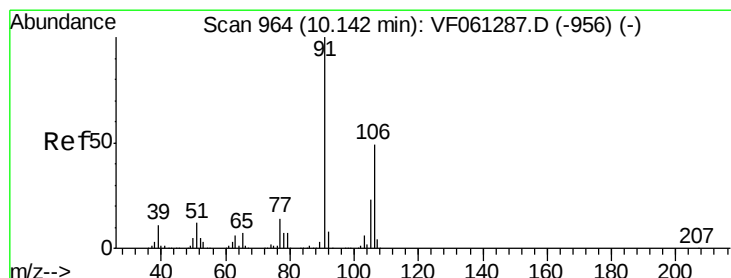
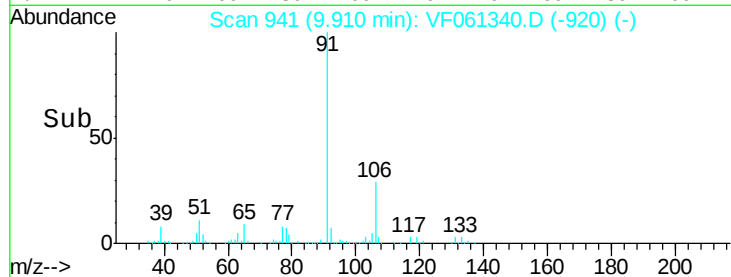
100000

50000

0

Time-->

9.80 9.90 10.00



#68

m/p-Xylenes

Concen: 44.836 ug/l

RT: 10.14 min Scan# 964

Delta R.T. -0.01 min

Lab File: VF061340.D

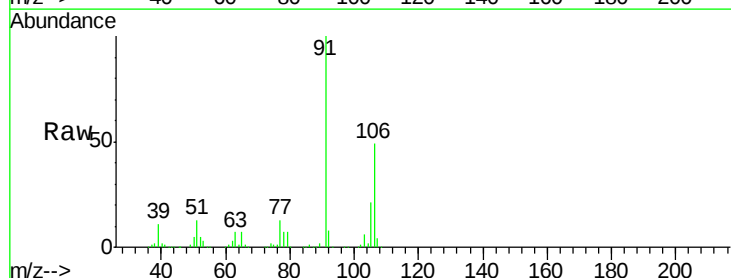
Acq: 10 Jan 2019 13:24

Tgt Ion: 106 Resp: 188955

Ion Ratio Lower Upper

106 100

91 204.9 165.0 247.6



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VF0

10.14

200000

150000

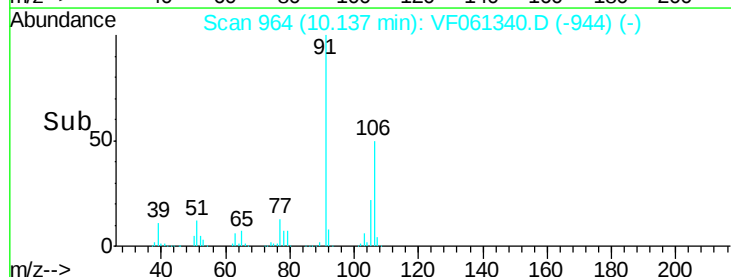
100000

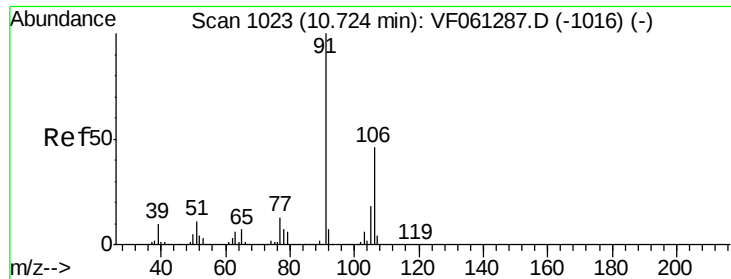
50000

0

Time-->

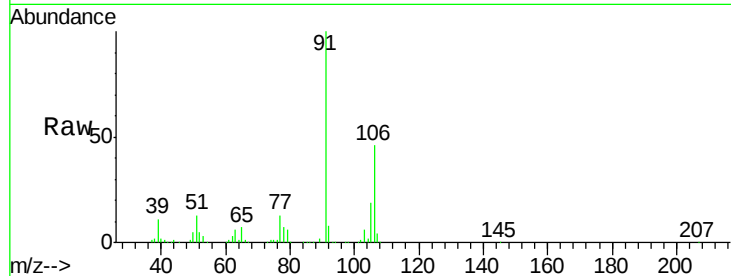
10.00 10.20



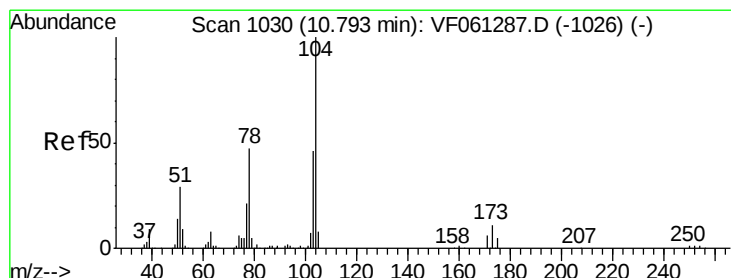
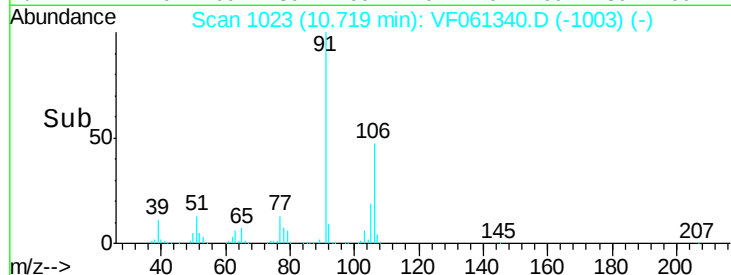
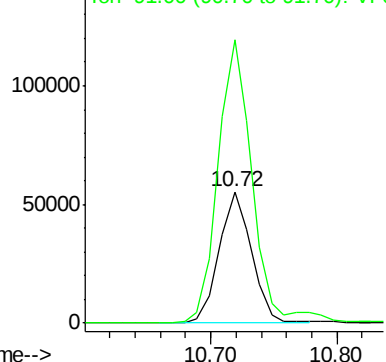


#69
o-Xylene
Concen: 21.200 ug/l
RT: 10.72 min Scan# 1023
Delta R.T. -0.00 min
Lab File: VF061340.D
Acq: 10 Jan 2019 13:24

Tot Ion:106 Resp: 99803
Ion Ratio Lower Upper
106 100
91 215.4 108.1 324.4

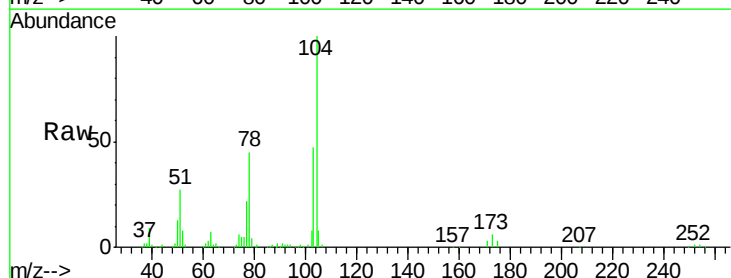


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VF0

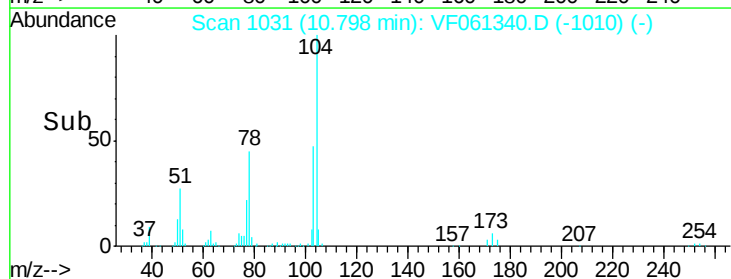
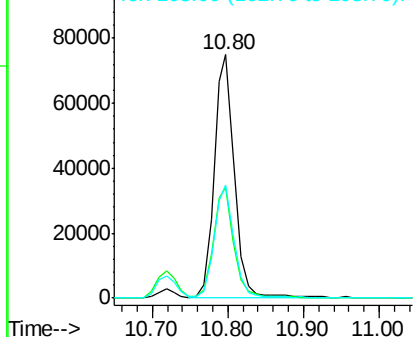


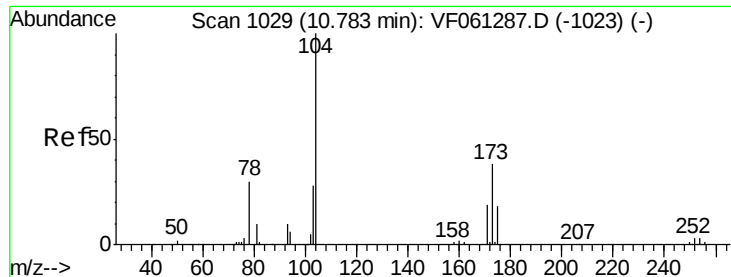
#70
Styrene
Concen: 22.252 ug/l
RT: 10.80 min Scan# 1031
Delta R.T. 0.00 min
Lab File: VF061340.D
Acq: 10 Jan 2019 13:24

Tgt Ion:104 Resp: 139555
Ion Ratio Lower Upper
104 100
78 45.2 38.0 57.0
103 46.7 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: 23.491 ug/l

RT: 10.78 min Scan# 1029

Delta R.T. -0.01 min

Lab File: VF061340.D

Acq: 10 Jan 2019 13:24

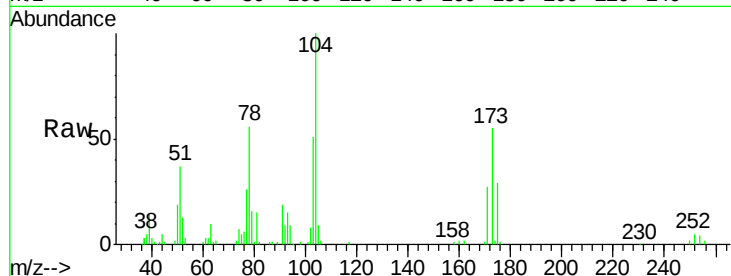
Tot Ion:173 Resp: 24546

Ion Ratio Lower Upper

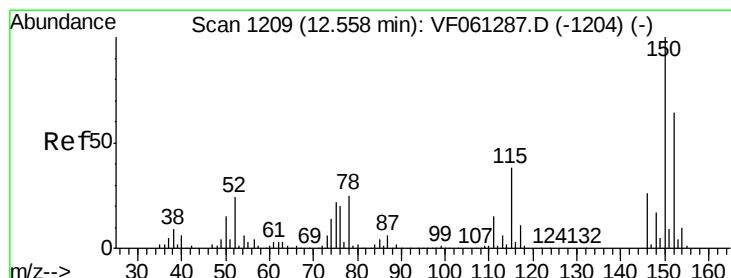
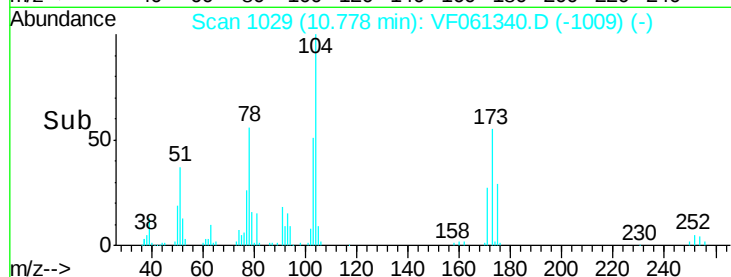
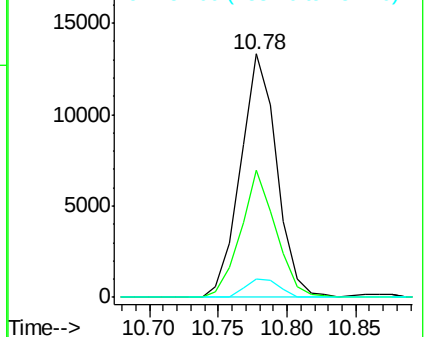
173 100

175 52.2 24.1 72.2

254 7.7 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. -0.00 min

Lab File: VF061340.D

Acq: 10 Jan 2019 13:24

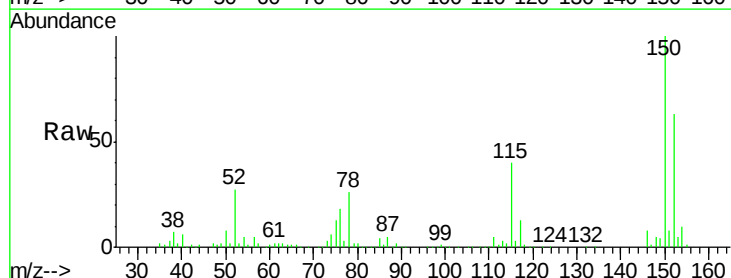
Tgt Ion:152 Resp: 162344

Ion Ratio Lower Upper

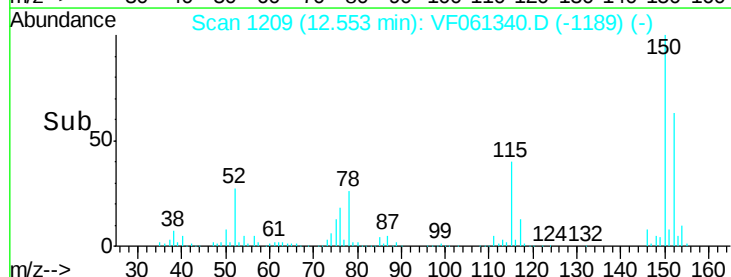
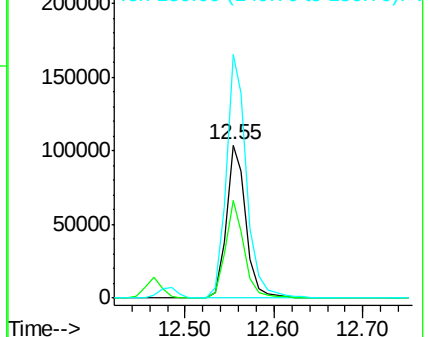
152 100

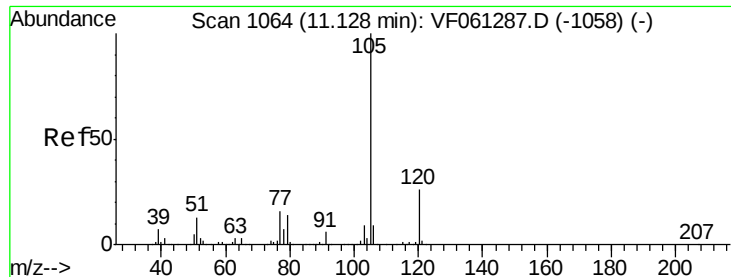
115 63.8 29.6 88.9

150 159.2 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: 21.033 ug/l

RT: 11.13 min Scan# 1065

Delta R.T. 0.00 min

Lab File: VF061340.D

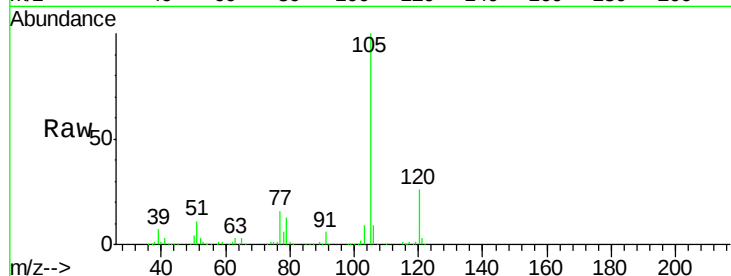
Acq: 10 Jan 2019 13:24

Tot Ion: 105 Resp: 300457

Ion Ratio Lower Upper

105 100

120 26.5 12.9 38.7



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

200000

150000

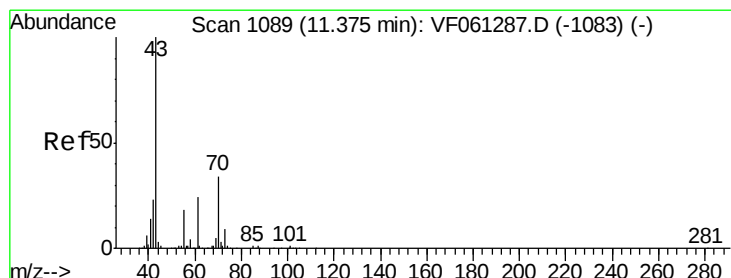
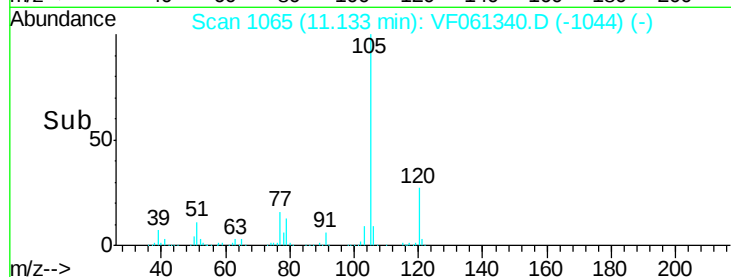
100000

50000

0

Time--> 11.00 11.10 11.20

11.13



#74

N-ethyl acetate

Concen: 23.198 ug/l

RT: 11.38 min Scan# 1090

Delta R.T. 0.00 min

Lab File: VF061340.D

Acq: 10 Jan 2019 13:24

Tgt Ion: 43 Resp: 75331

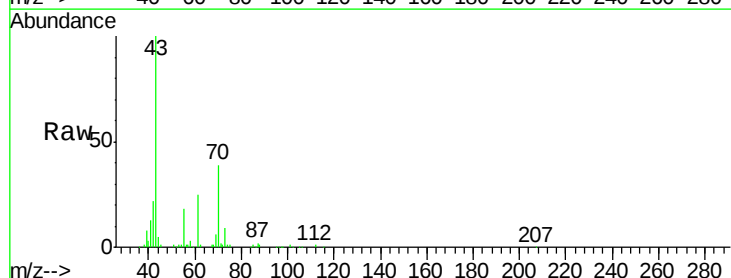
Ion Ratio Lower Upper

43 100

70 38.6 27.4 41.0

55 18.1 14.7 22.1

61 25.0 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

60000

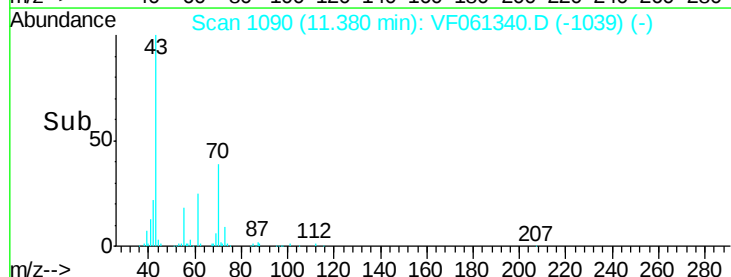
40000

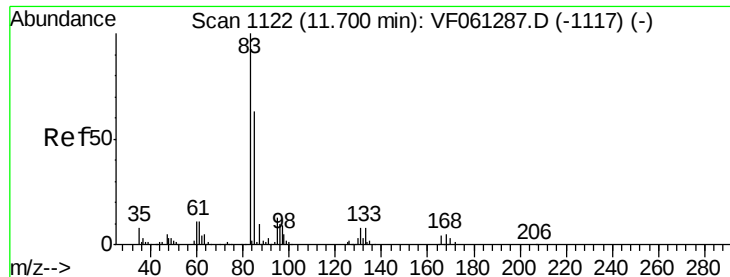
20000

0

Time--> 11.30 11.40 11.50

11.38





#75

1,1,2,2-Tetrachloroethane

Concen: 22.232 ug/l

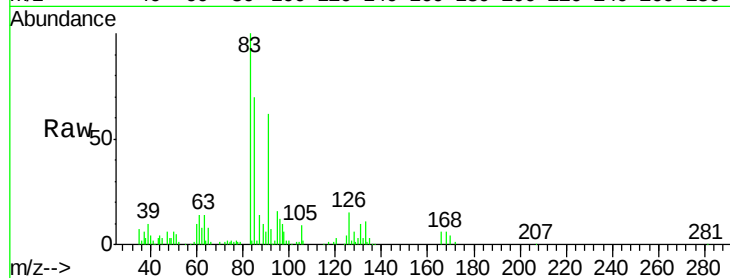
RT: 11.71 min Scan# 1123

Delta R.T. 0.00 min

Lab File: VF061340.D

Acq: 10 Jan 2019 13:24

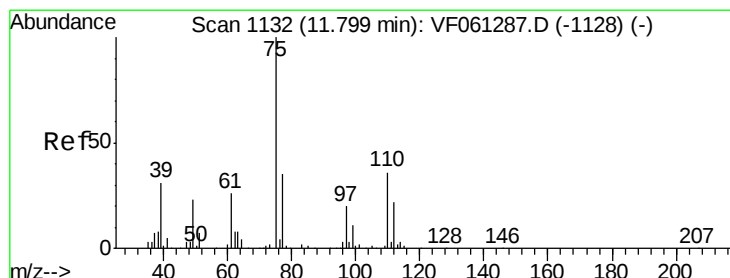
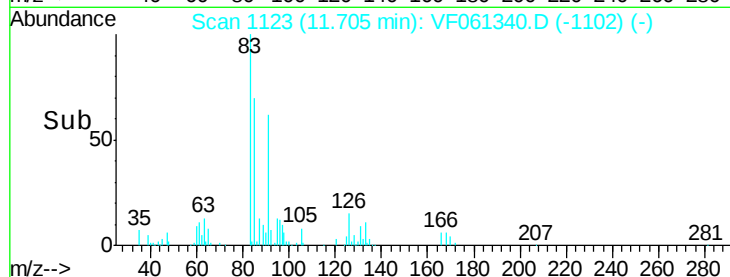
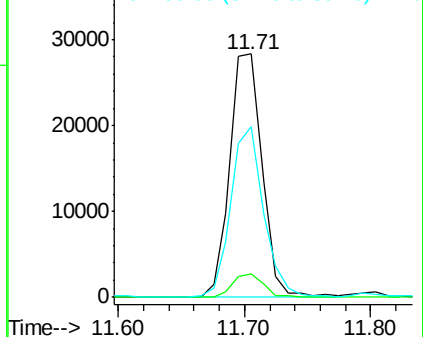
Tot Ion:	83	Resp:	50357
Ion	Ratio	Lower	Upper
83	100		
131	9.7	3.9	11.7
85	70.3	31.6	94.7



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: 22.104 ug/l

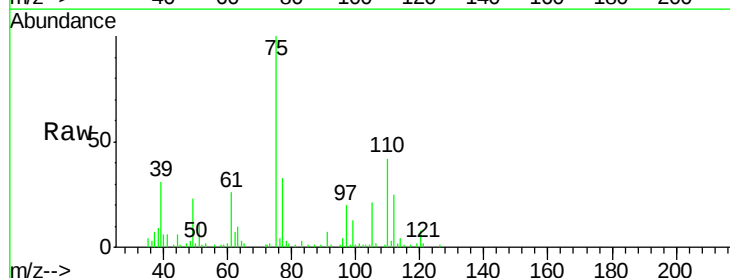
RT: 11.80 min Scan# 1133

Delta R.T. 0.00 min

Lab File: VF061340.D

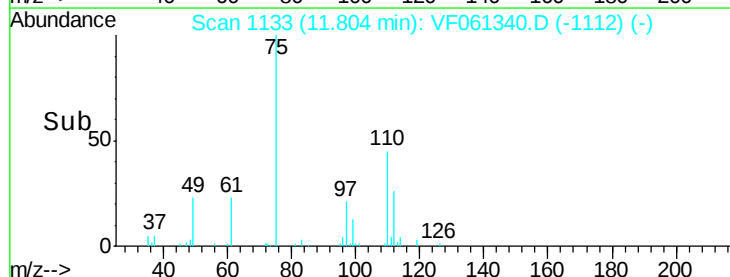
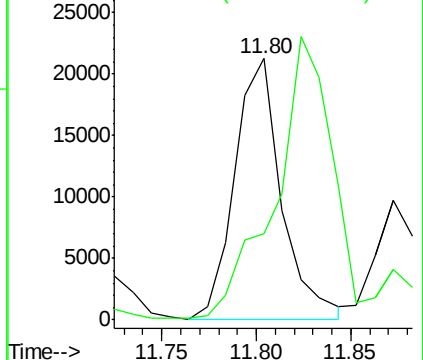
Acq: 10 Jan 2019 13:24

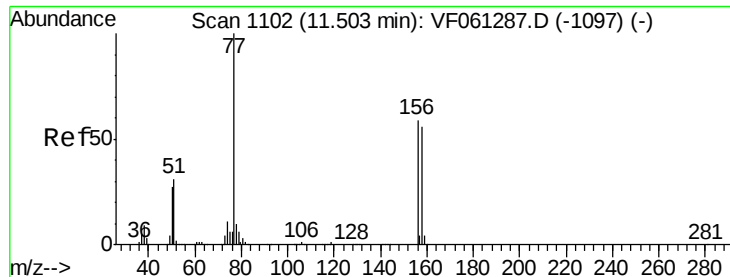
Tgt Ion:	75	Resp:	36721
Ion	Ratio	Lower	Upper
75	100		
77	33.1	17.5	52.5



Abundance Ion 75.00 (74.70 to 75.70): VF0

Ion 77.00 (76.70 to 77.70): VF0





#77

Bromobenzene

Concen: 20.969 ug/l

RT: 11.50 min Scan# 1102

Delta R.T. -0.00 min

Lab File: VF061340.D

Acq: 10 Jan 2019 13:24

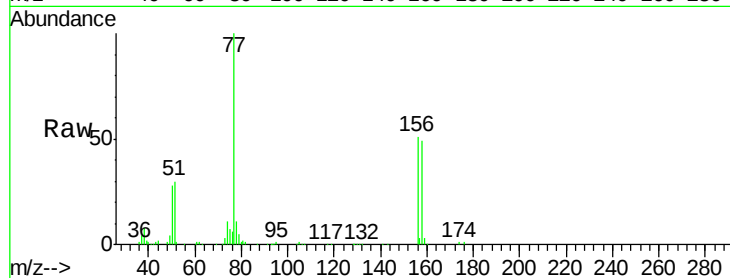
Tot Ion:156 Resp: 59593

Ion Ratio Lower Upper

156 100

77 194.2 84.3 252.9

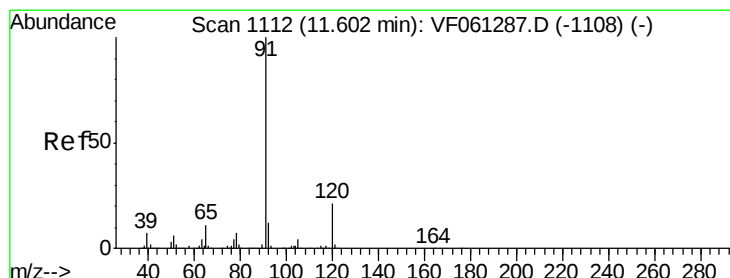
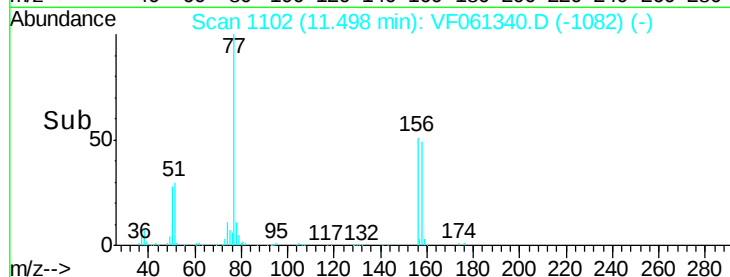
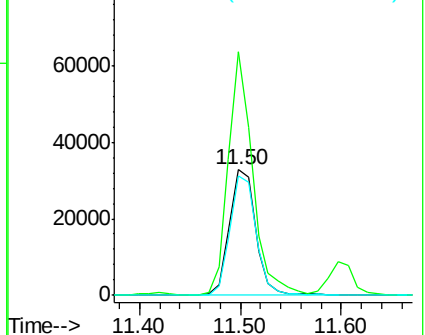
158 95.1 47.1 141.3



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: 21.296 ug/l

RT: 11.60 min Scan# 1112

Delta R.T. -0.01 min

Lab File: VF061340.D

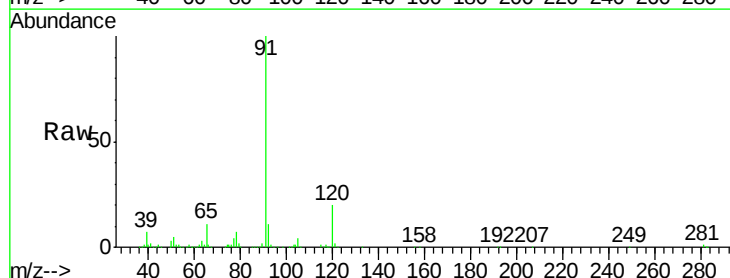
Acq: 10 Jan 2019 13:24

Tgt Ion: 91 Resp: 362731

Ion Ratio Lower Upper

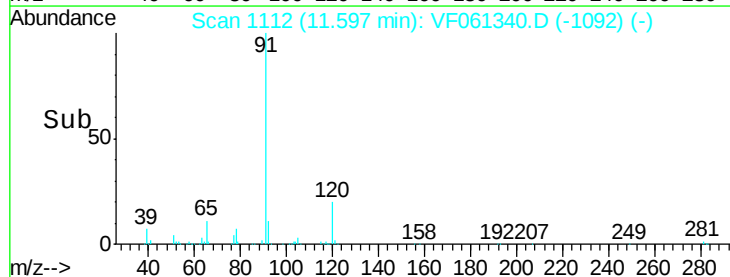
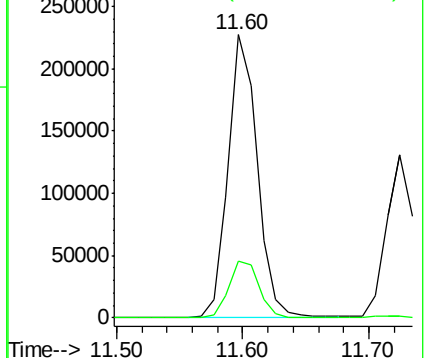
91 100

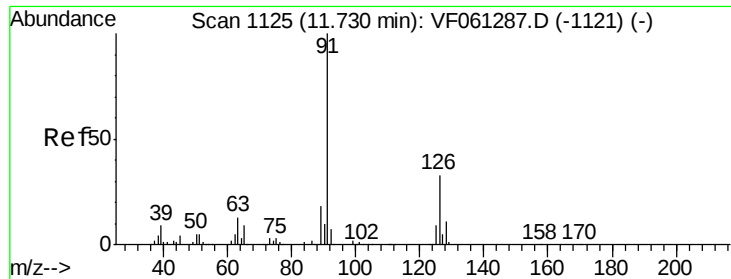
120 20.2 10.7 32.1



Abundance Ion 91.00 (90.70 to 91.70): VF0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 21.218 ug/l

RT: 11.72 min Scan# 1125

Delta R.T. -0.00 min

Lab File: VF061340.D

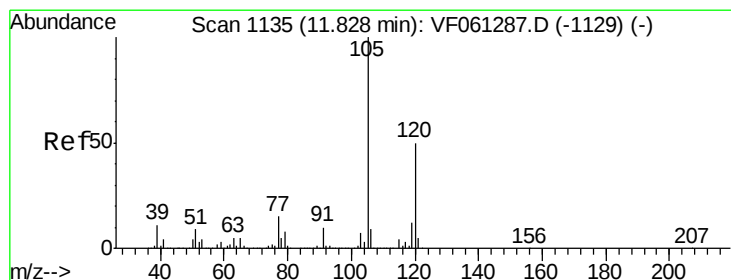
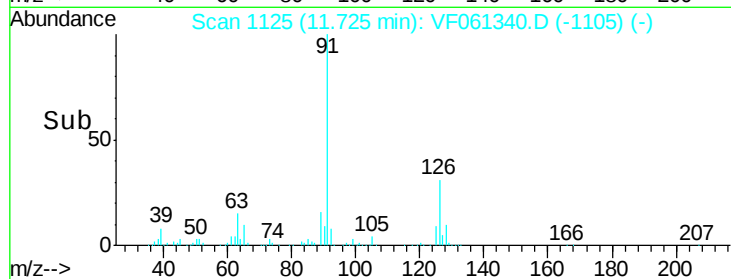
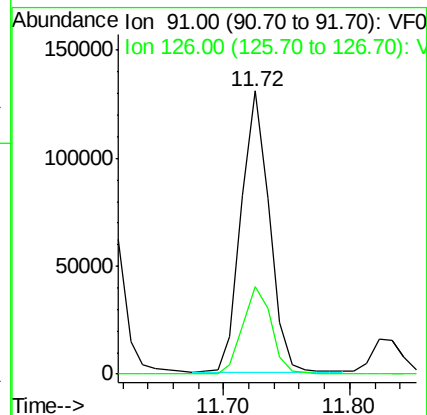
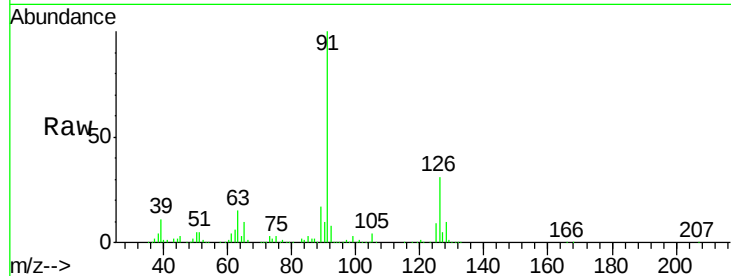
Acq: 10 Jan 2019 13:24

Tot Ion: 91 Resp: 201349

Ion Ratio Lower Upper

91 100

126 30.8 16.6 49.8



#80

1,3,5-Trimethylbenzene

Concen: 22.527 ug/l

RT: 11.83 min Scan# 1136

Delta R.T. 0.00 min

Lab File: VF061340.D

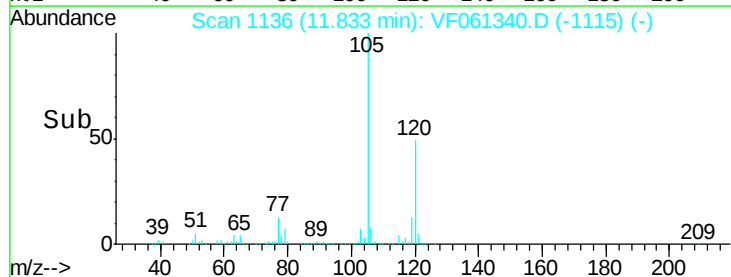
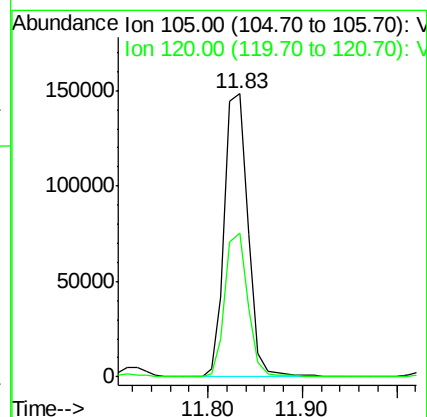
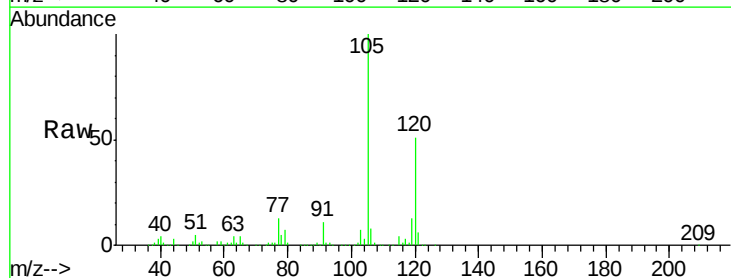
Acq: 10 Jan 2019 13:24

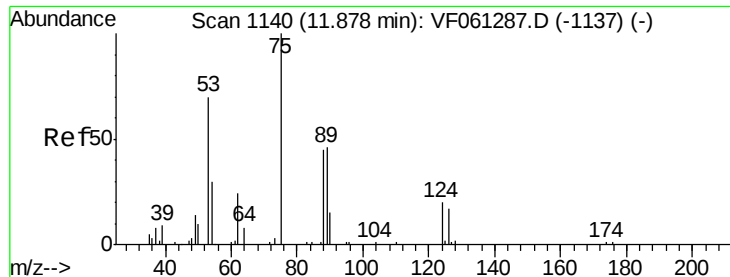
Tgt Ion:105 Resp: 256062

Ion Ratio Lower Upper

105 100

120 50.7 25.2 75.6





#81

trans-1,4-Dichloro-2-butene

Concen: 21.940 ug/l m

RT: 11.87 min Scan# 1140

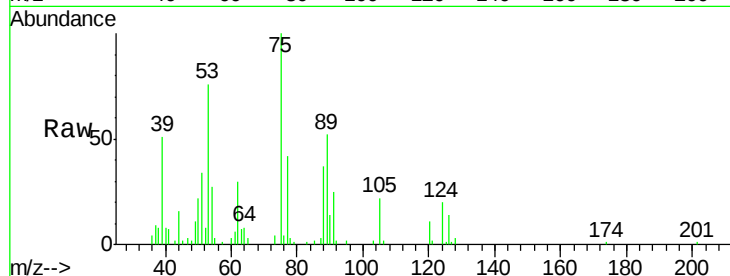
Delta R.T. -0.01 min

Lab File: VF061340.D

Acq: 10 Jan 2019 13:24

Tot Ion: 75 Resp: 15928

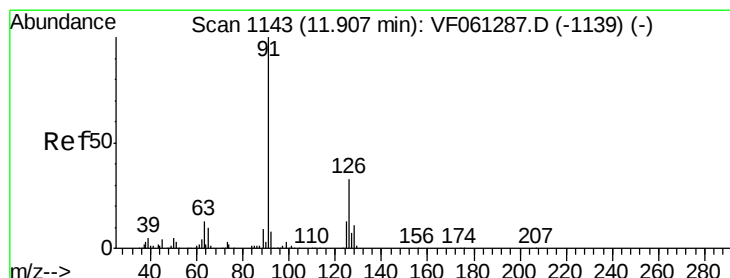
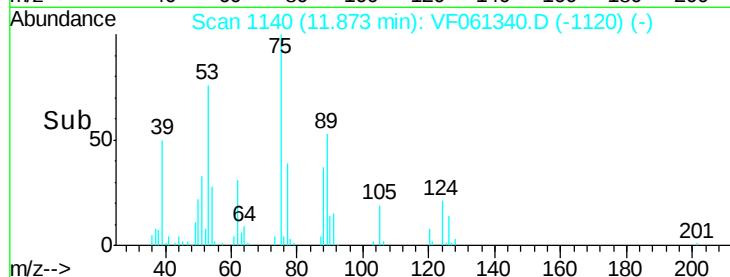
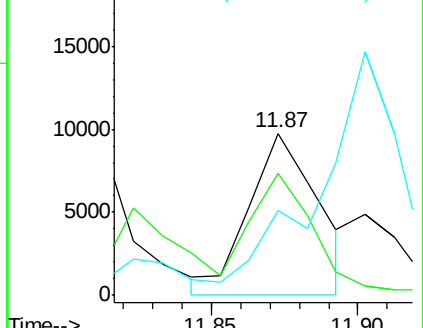
Ion	Ratio	Lower	Upper
75	100		
53	75.5	62.2	93.2
89	52.2	40.2	60.4



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: 20.899 ug/l

RT: 11.90 min Scan# 1143

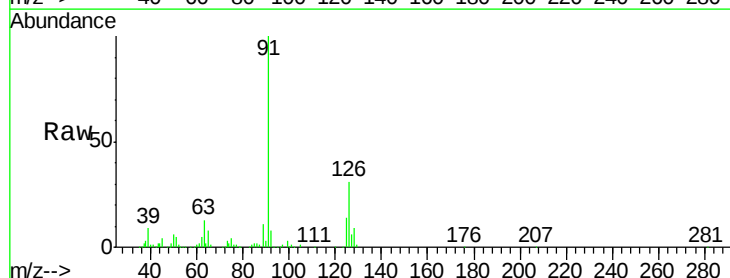
Delta R.T. -0.00 min

Lab File: VF061340.D

Acq: 10 Jan 2019 13:24

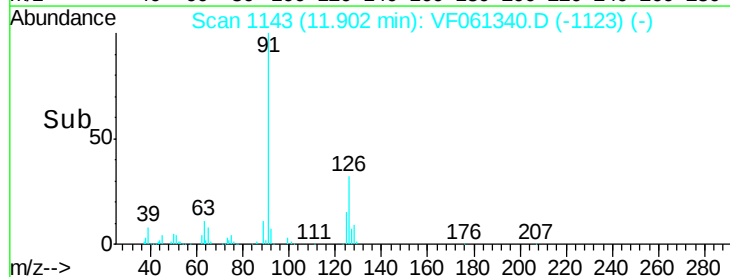
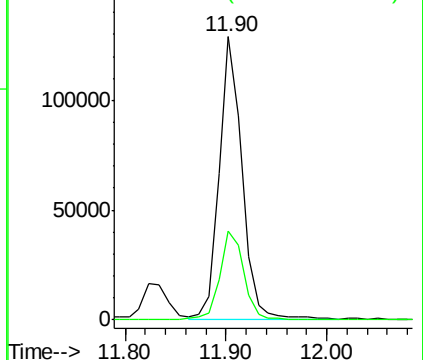
Tgt Ion: 91 Resp: 201520

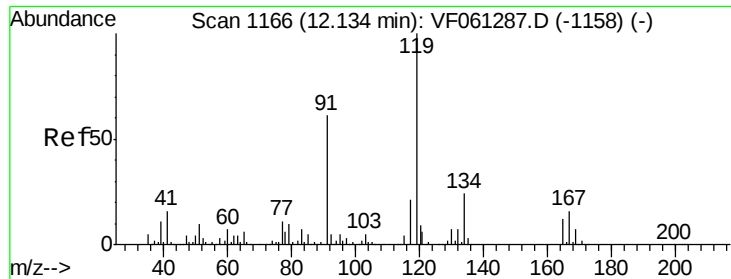
Ion	Ratio	Lower	Upper
91	100		
126	31.3	16.4	49.4



Abundance Ion 91.00 (90.70 to 91.70): VF0

Ion 126.00 (125.70 to 126.70): V





#83

tert-Butylbenzene

Concen: 21.828 ug/l

RT: 12.14 min Scan# 1167

Delta R.T. 0.00 min

Lab File: VF061340.D

Acq: 10 Jan 2019 13:24

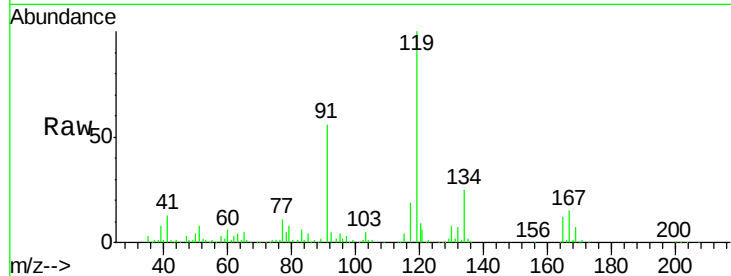
Tot Ion:119 Resp: 247195

Ion Ratio Lower Upper

119 100

91 56.3 30.8 92.4

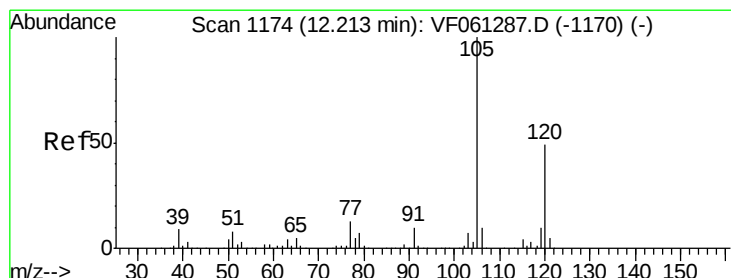
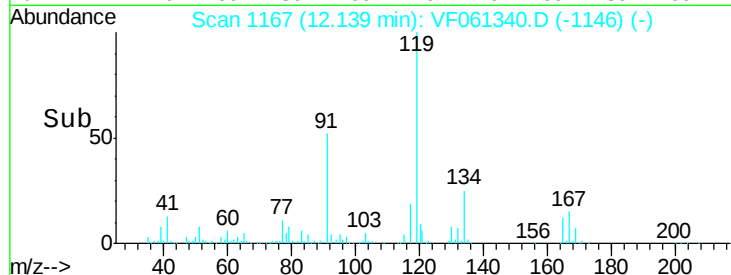
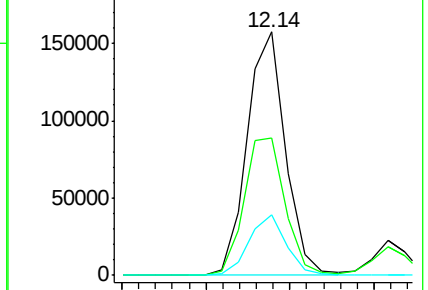
134 25.1 11.9 35.9



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: 22.909 ug/l

RT: 12.21 min Scan# 1174

Delta R.T. -0.00 min

Lab File: VF061340.D

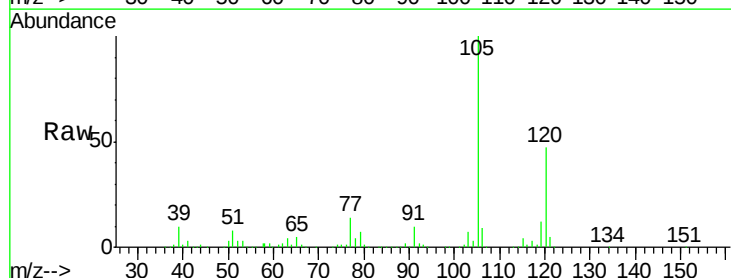
Acq: 10 Jan 2019 13:24

Tgt Ion:105 Resp: 258535

Ion Ratio Lower Upper

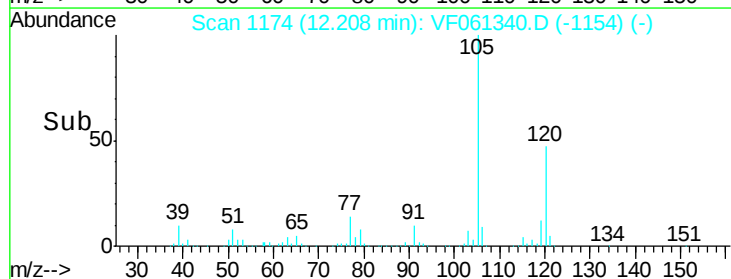
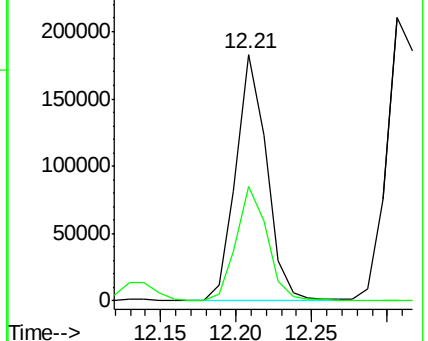
105 100

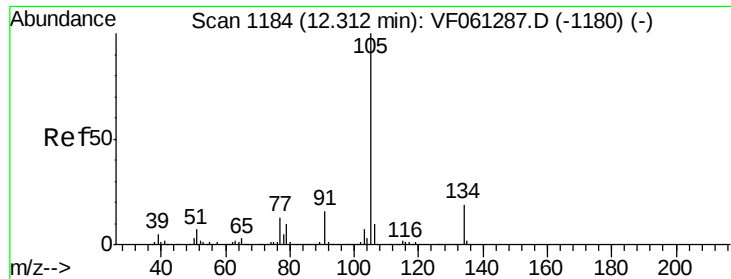
120 46.6 24.7 74.1



Abundance Ion 105.00 (104.70 to 105.70): V

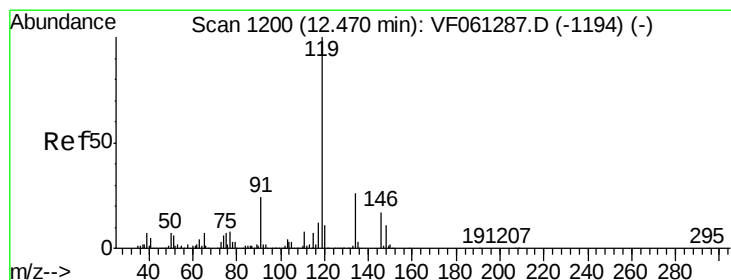
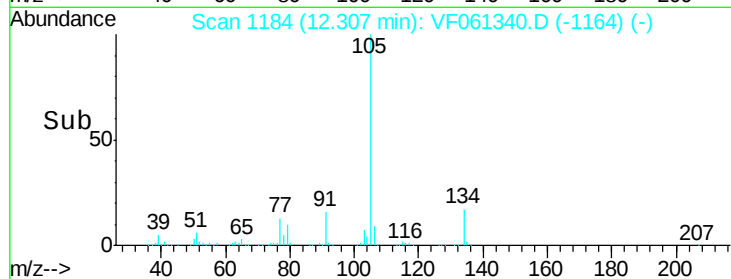
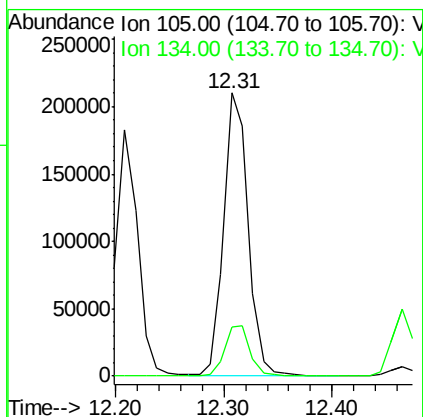
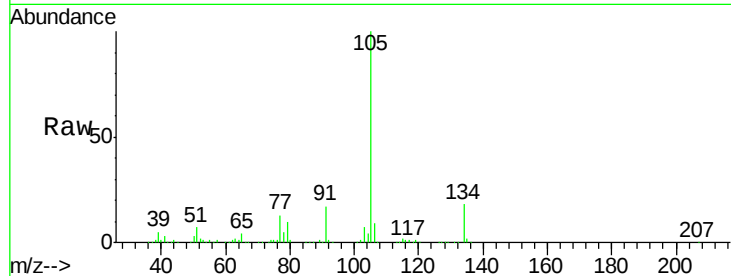
Ion 120.00 (119.70 to 120.70): V





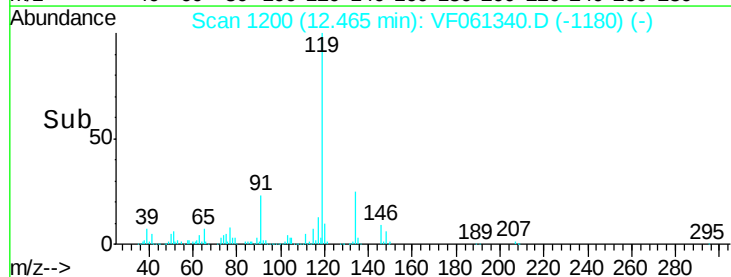
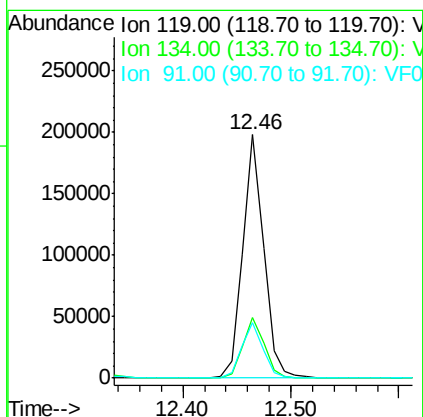
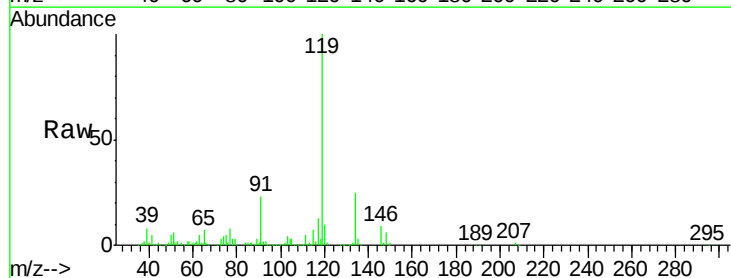
#85
 sec-Butylbenzene
 Concen: 20.391 ug/l
 RT: 12.31 min Scan# 1184
 Delta R.T. -0.00 min
 Lab File: VF061340.D
 Acq: 10 Jan 2019 13:24

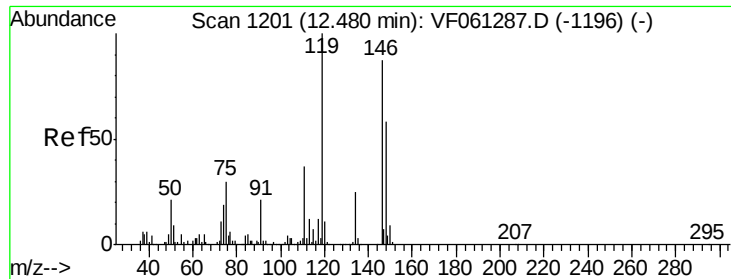
Tot Ion:105 Resp: 328806
 Ion Ratio Lower Upper
 105 100
 134 17.5 9.7 28.9



#86
 p-Isopropyltoluene
 Concen: 20.386 ug/l
 RT: 12.46 min Scan# 1200
 Delta R.T. -0.00 min
 Lab File: VF061340.D
 Acq: 10 Jan 2019 13:24

Tgt Ion:119 Resp: 267373
 Ion Ratio Lower Upper
 119 100
 134 25.0 13.0 39.0
 91 22.8 12.2 36.4





#87

1,3-Dichlorobenzene

Concen: 21.404 ug/l

RT: 12.48 min Scan# 1202

Delta R.T. 0.00 min

Lab File: VF061340.D

Acq: 10 Jan 2019 13:24

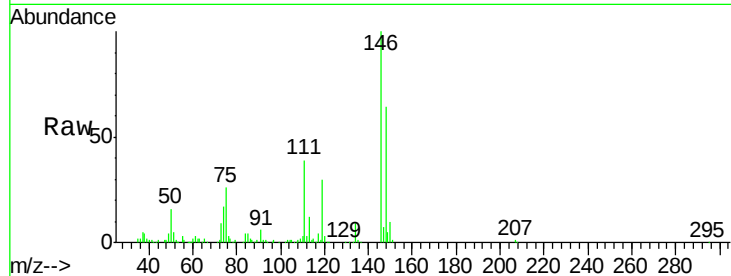
Tot Ion:146 Resp: 118791

Ion Ratio Lower Upper

146 100

111 39.5 21.1 63.3

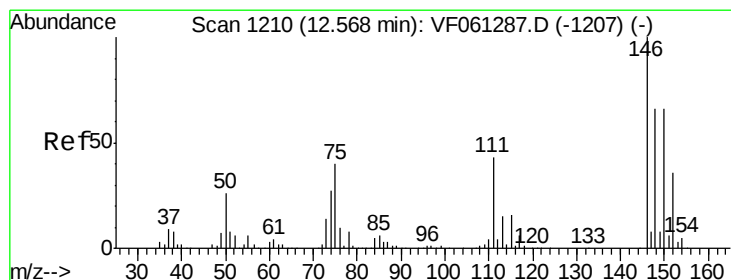
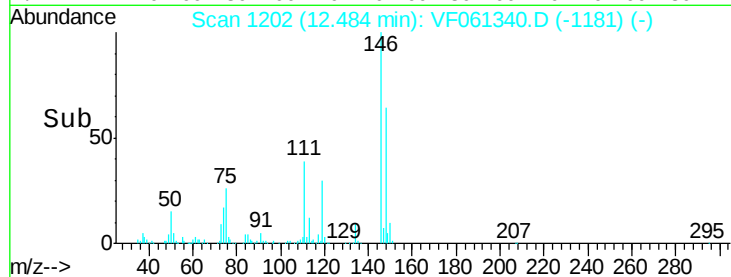
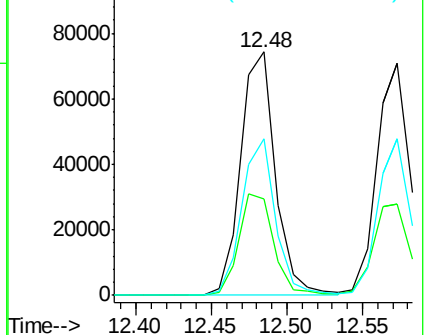
148 64.1 33.1 99.5



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



#88

1,4-Dichlorobenzene

Concen: 21.350 ug/l

RT: 12.57 min Scan# 1211

Delta R.T. 0.00 min

Lab File: VF061340.D

Acq: 10 Jan 2019 13:24

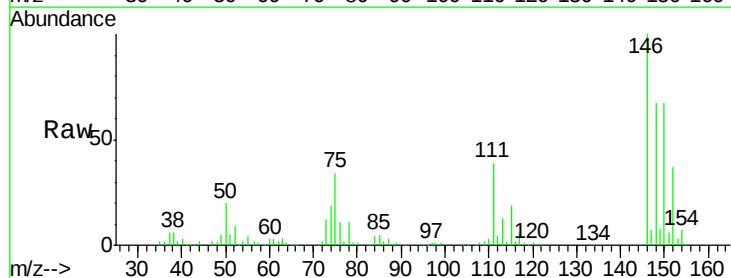
Tgt Ion:146 Resp: 113915

Ion Ratio Lower Upper

146 100

111 39.1 21.4 64.2

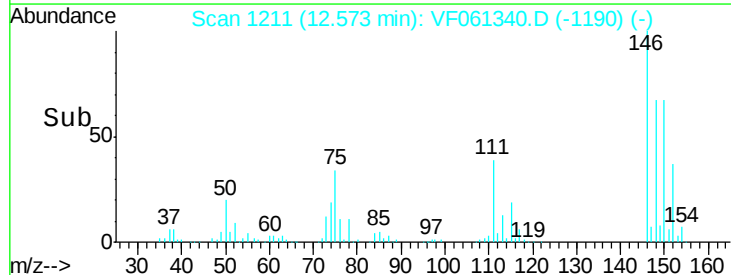
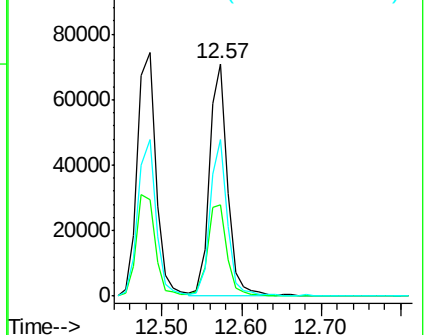
148 67.5 33.0 98.9

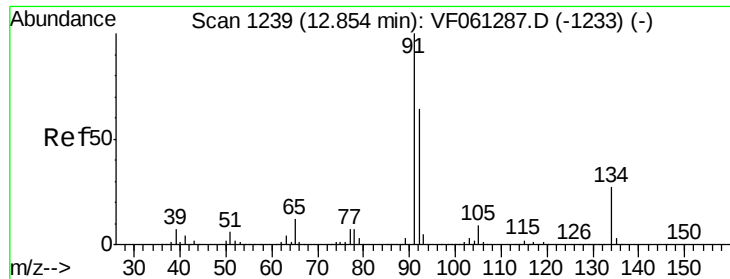


Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.00 (110.70 to 111.70): V

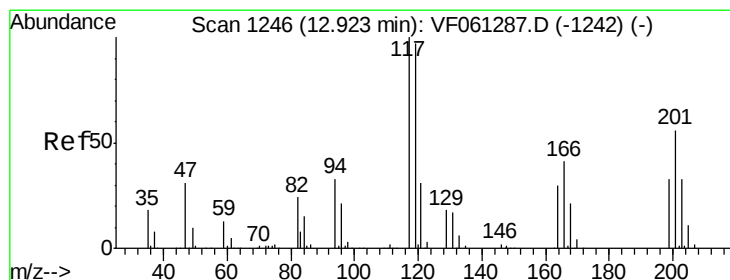
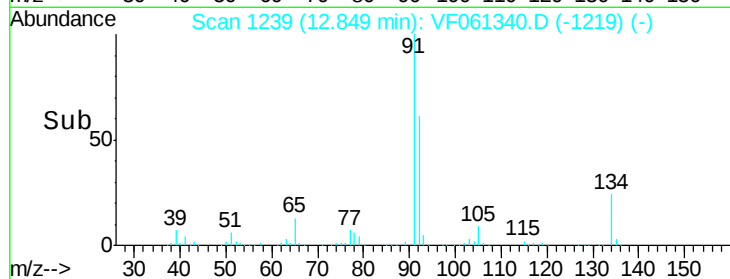
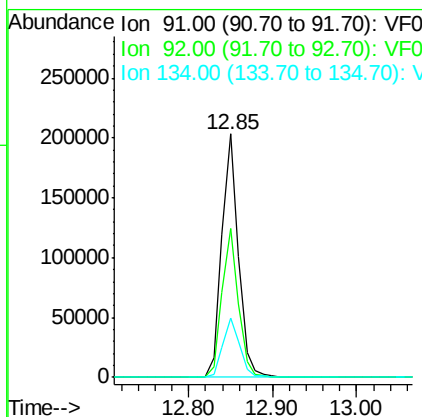
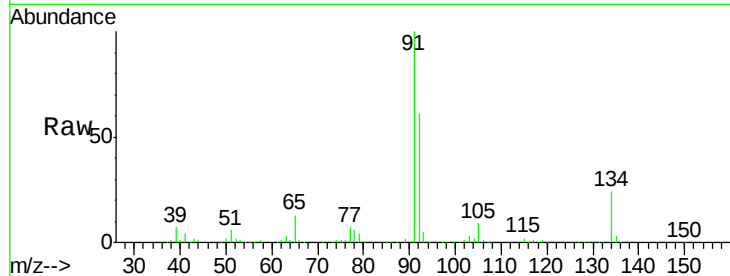
Ion 148.00 (147.70 to 148.70): V





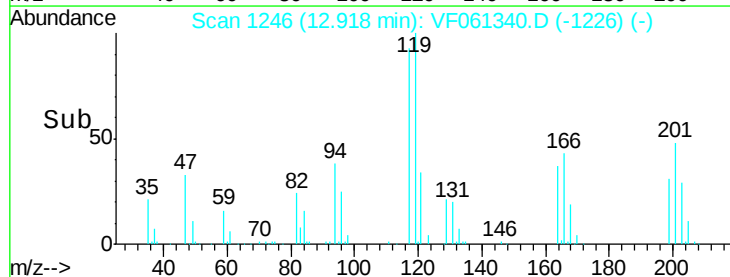
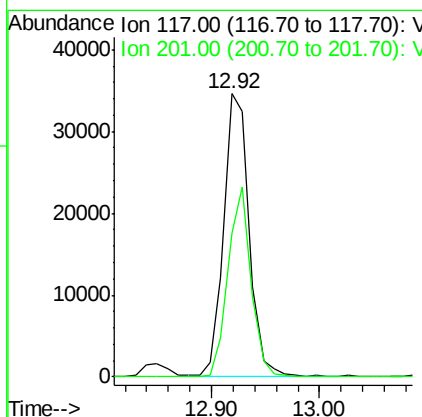
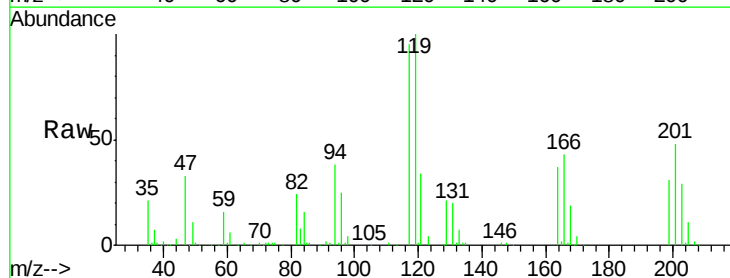
#89
n-Butylbenzene
Concen: 20.719 ug/l
RT: 12.85 min Scan# 1239
Delta R.T. -0.00 min
Lab File: VF061340.D
Acq: 10 Jan 2019 13:24

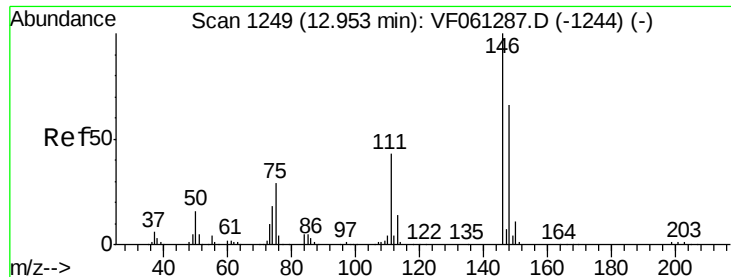
Tot Ion: 91 Resp: 279208
Ion Ratio Lower Upper
91 100
92 61.4 32.1 96.3
134 24.2 13.4 40.1



#90
Hexachloroethane
Concen: 18.907 ug/l
RT: 12.92 min Scan# 1246
Delta R.T. -0.01 min
Lab File: VF061340.D
Acq: 10 Jan 2019 13:24

Tgt Ion: 117 Resp: 56724
Ion Ratio Lower Upper
117 100
201 50.7 27.9 83.7





#91

1,2-Dichlorobenzene

Concen: 21.046 ug/l

RT: 12.95 min Scan# 1249

Delta R.T. -0.01 min

Lab File: VF061340.D

Acq: 10 Jan 2019 13:24

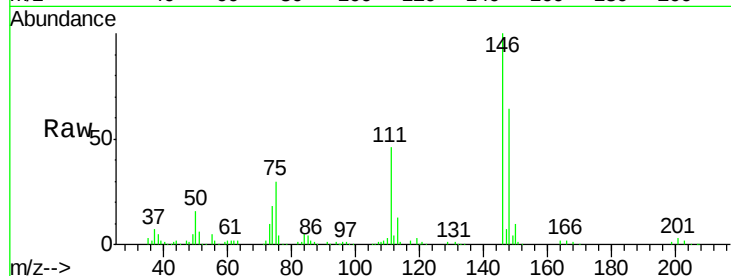
Tot Ion:146 Resp: 111488

Ion Ratio Lower Upper

146 100

111 45.6 21.4 64.3

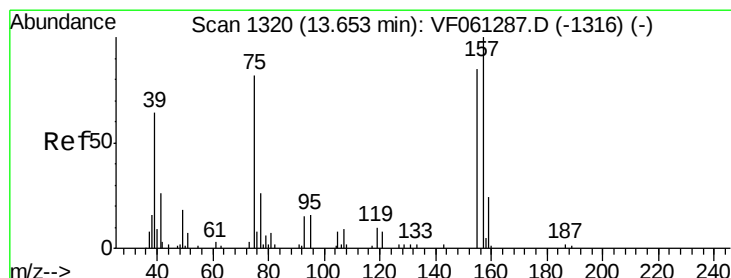
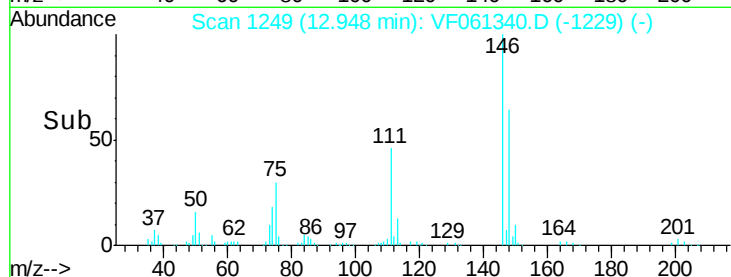
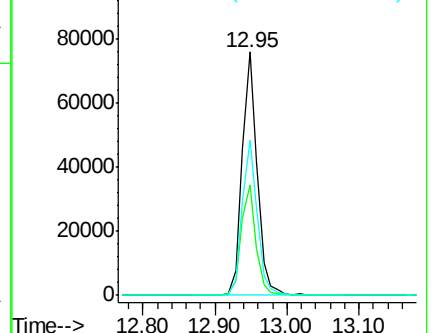
148 64.0 33.1 99.2



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: 19.391 ug/l

RT: 13.65 min Scan# 1320

Delta R.T. -0.01 min

Lab File: VF061340.D

Acq: 10 Jan 2019 13:24

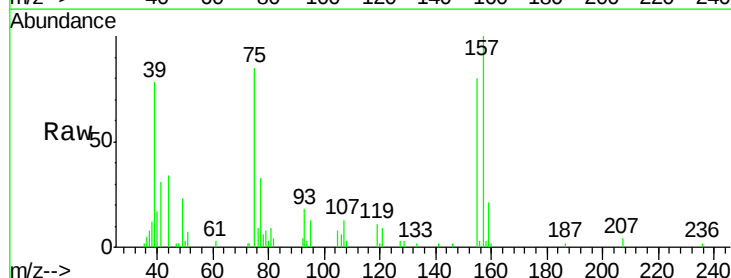
Tgt Ion: 75 Resp: 7421

Ion Ratio Lower Upper

75 100

155 94.0 51.3 154.0

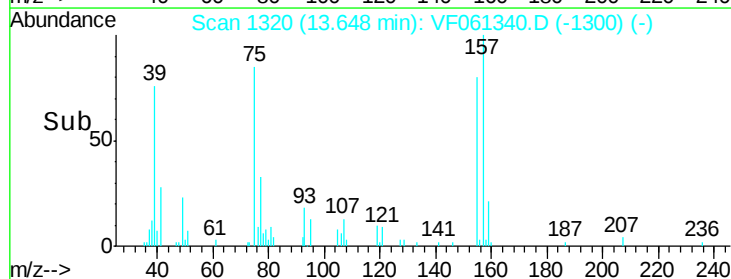
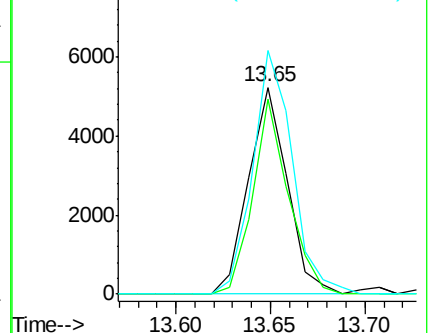
157 117.7 60.7 182.0



Abundance Ion 75.00 (74.70 to 75.70): VF0

Ion 155.00 (154.70 to 155.70): V

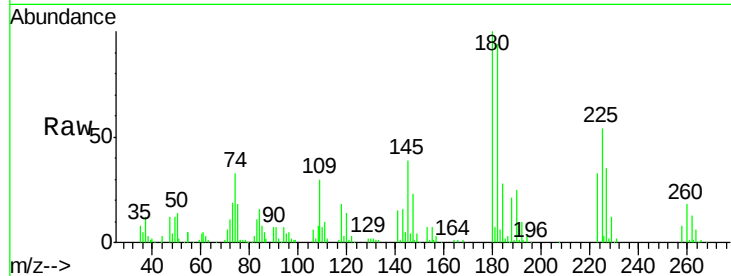
Ion 157.00 (156.70 to 157.70): V



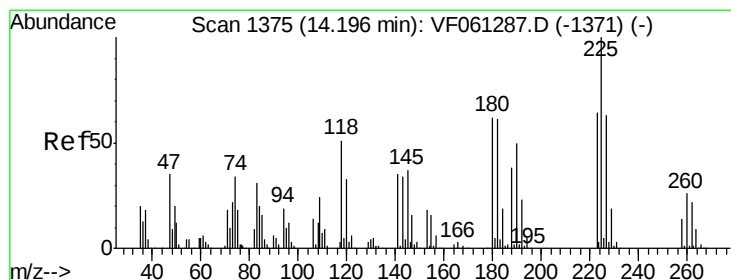
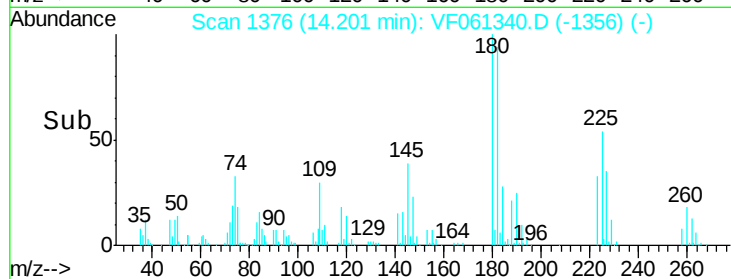
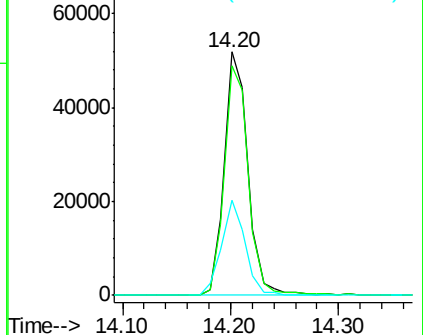


#93
 1,2,4-Trichlorobenzene
 Concen: 21.674 ug/l
 RT: 14.20 min Scan# 1376
 Delta R.T. -0.01 min
 Lab File: VF061340.D
 Acq: 10 Jan 2019 13:24

Tot Ion:180 Resp: 79010
 Ion Ratio Lower Upper
 180 100
 182 94.1 47.0 141.2
 145 39.2 19.7 59.1

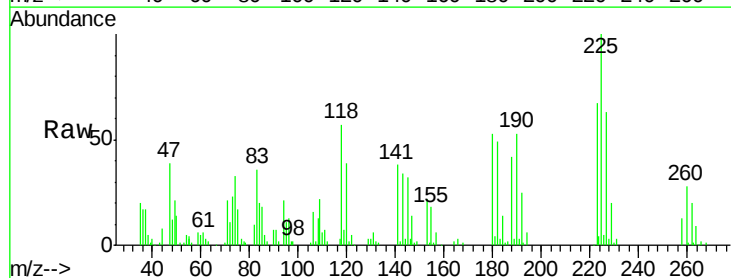


Abundance Ion 180.00 (179.70 to 180.70): V
 Ion 182.00 (181.70 to 182.70): V
 Ion 145.00 (144.70 to 145.70): V

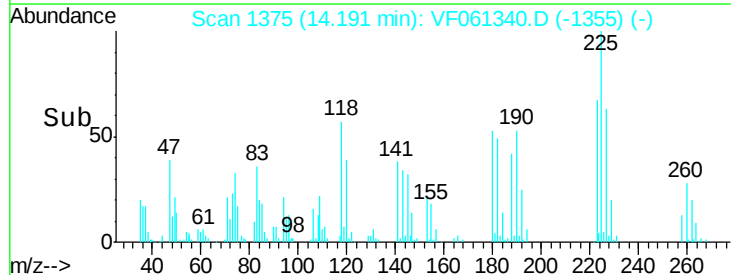
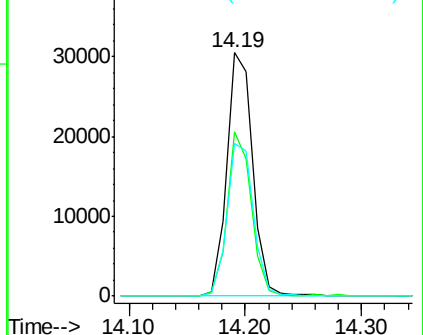


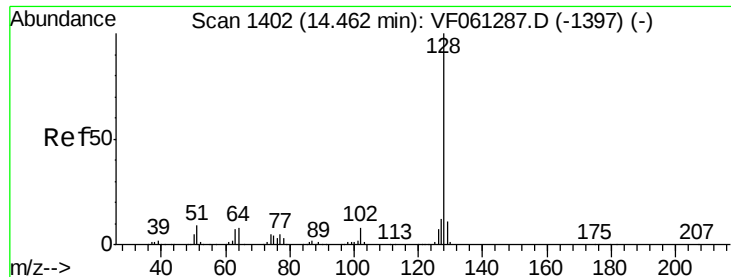
#94
 Hexachlorobutadiene
 Concen: 20.017 ug/l
 RT: 14.19 min Scan# 1375
 Delta R.T. -0.00 min
 Lab File: VF061340.D
 Acq: 10 Jan 2019 13:24

Tgt Ion:225 Resp: 46977
 Ion Ratio Lower Upper
 225 100
 223 67.3 31.8 95.4
 227 62.7 31.3 93.9



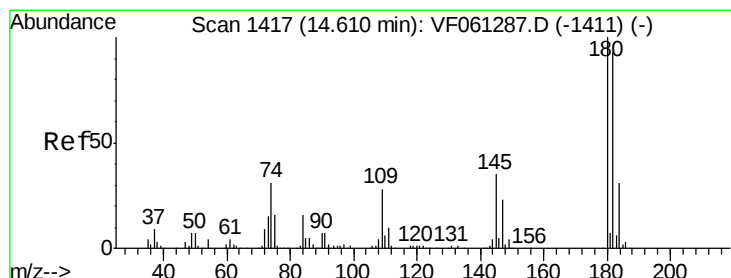
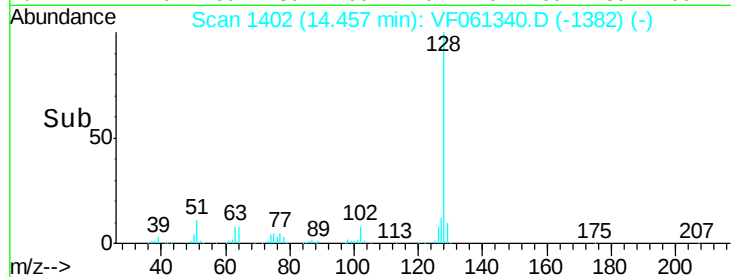
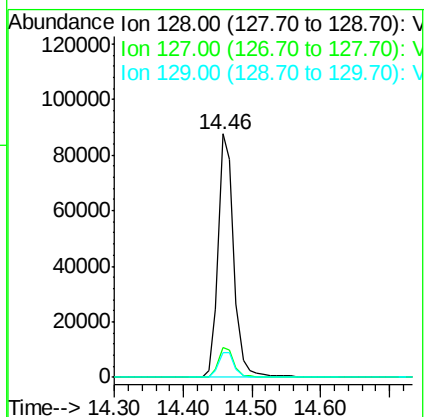
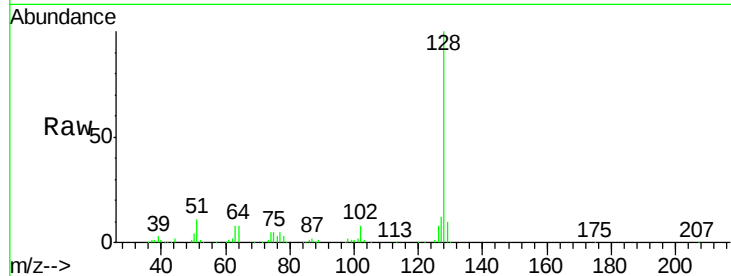
Abundance Ion 225.00 (224.70 to 225.70): V
 Ion 223.00 (222.70 to 223.70): V
 Ion 227.00 (226.70 to 227.70): V





#95
Naphthalene
Concen: 20.266 ug/l
RT: 14.46 min Scan# 1402
Delta R.T. -0.00 min
Lab File: VF061340.D
Acq: 10 Jan 2019 13:24

Tot Ion:128 Resp: 139224
Ion Ratio Lower Upper
128 100
127 12.2 9.4 14.0
129 10.4 8.8 13.2



#96
1,2,3-Trichlorobenzene
Concen: 20.646 ug/l
RT: 14.61 min Scan# 1417
Delta R.T. -0.01 min
Lab File: VF061340.D
Acq: 10 Jan 2019 13:24

Tgt Ion:180 Resp: 70898
Ion Ratio Lower Upper
180 100
182 98.5 46.5 139.3
145 36.1 17.5 52.6

