

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

Quant Time: Jan 11 00:29:35 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	1.85	142	23419	5.881	ug/l	97
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	2.43	43	21131	21.446	ug/l	98
19) Methyl tert-butyl Ether	2.43	73	75794	19.569	ug/l	98
20) Methylene Chloride	2.19	84	19866	9.376	ug/l	95
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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 ALS Vial : 4 Sample Multiplier: 1

Quant Time: Jan 11 00:29:35 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)
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	22565	31.083	ug/l	97
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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Misc : 5.00g/5mL/MSVOA-F/SOIL
ALS Vial : 4 Sample Multiplier: 1

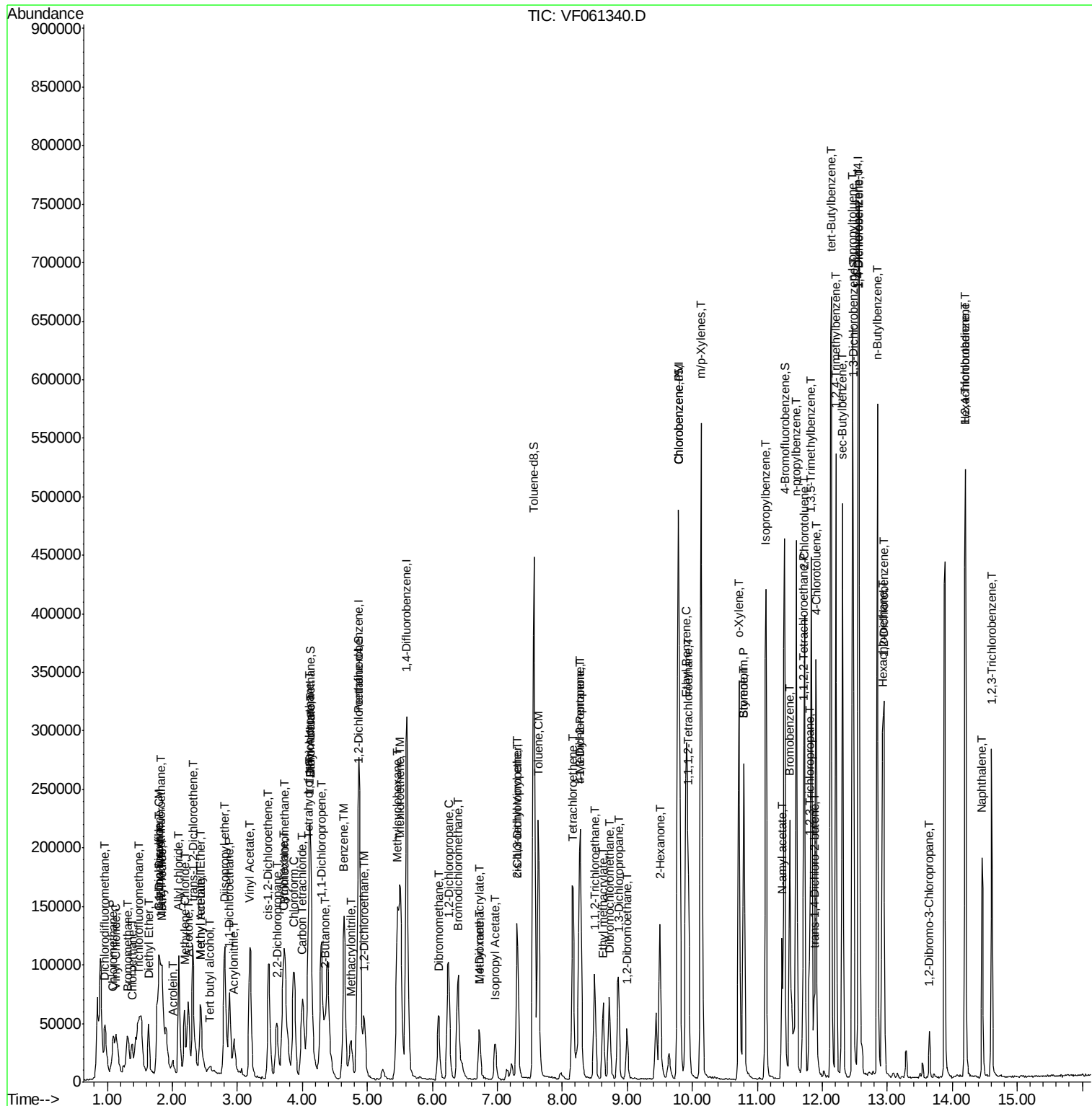
Quant Time: Jan 11 00:29:35 2019
Quant Method : Z:\HPCHEM1\MSVOA_F\METHODS\82F010819S.M
Quant Title : SW846 8260
QLast Update : Wed Jan 09 07:13:51 2019
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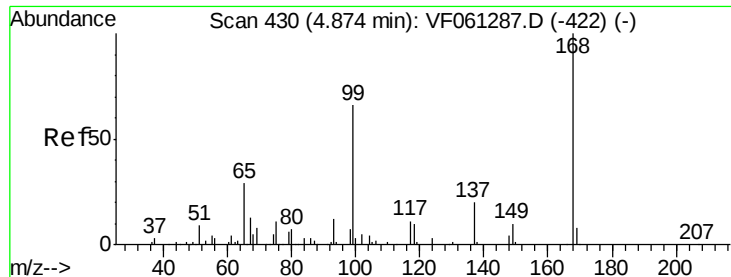
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.20	180	79010	21.674	ug/l	100
94) Hexachlorobutadiene	14.19	225	46977	20.017	ug/l	98
95) Naphthalene	14.46	128	139224	20.266	ug/l	98
96) 1,2,3-Trichlorobenzene	14.61	180	70898	20.646	ug/l	95

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

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.88 min Scan# 431

Delta R.T. 0.00 min

Lab File: VF061340.D

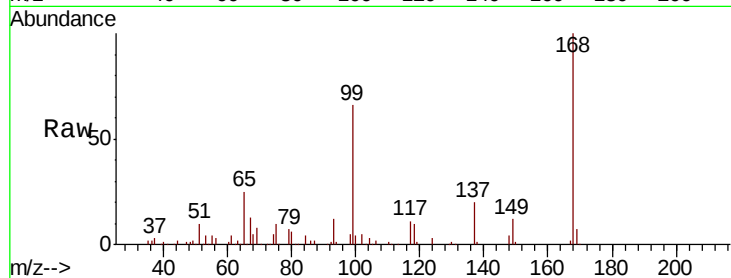
Acq: 10 Jan 2019 13:24

Tgt Ion: 168 Resp: 193419

Ion Ratio Lower Upper

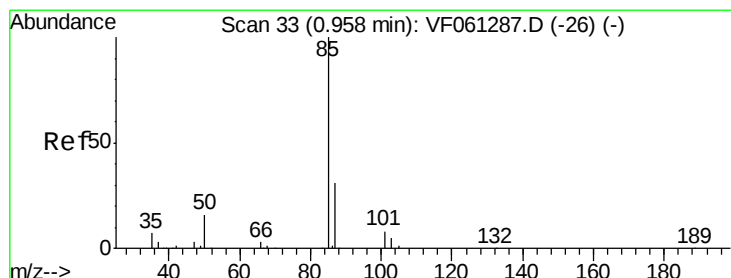
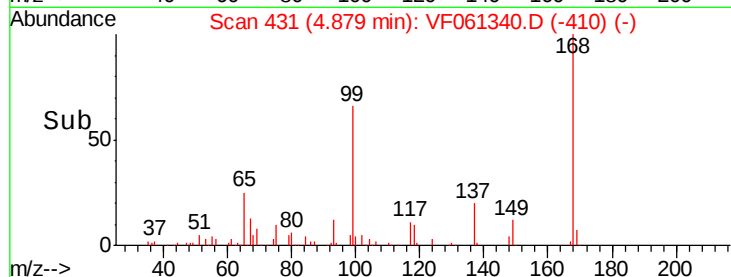
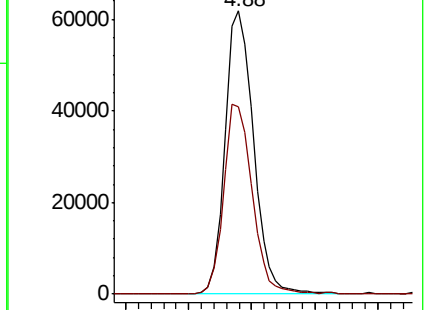
168 100

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



#2

Dichlorodifluoromethane

Concen: 20.014 ug/l

RT: 0.96 min Scan# 34

Delta R.T. 0.00 min

Lab File: VF061340.D

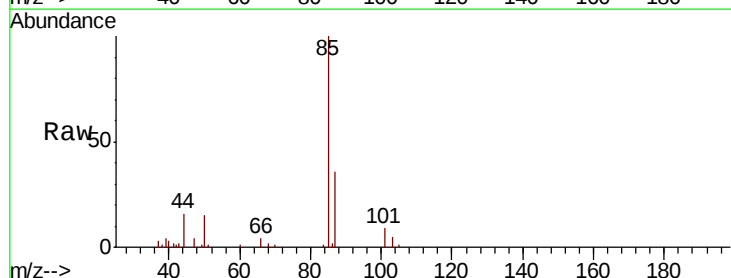
Acq: 10 Jan 2019 13:24

Tgt Ion: 85 Resp: 71405

Ion Ratio Lower Upper

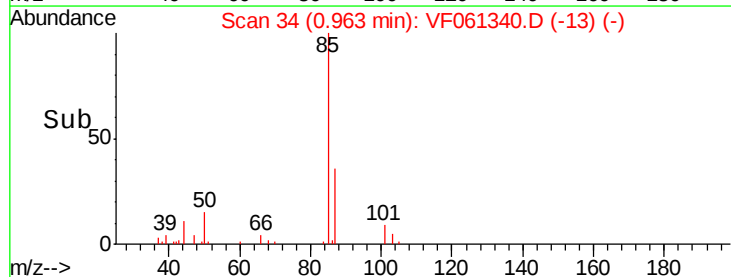
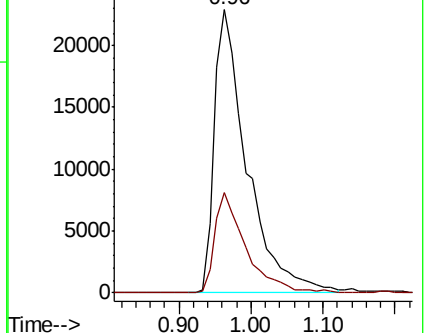
85 100

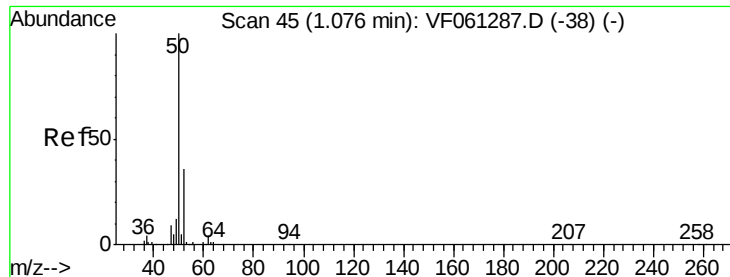
87 35.5 15.4 46.2



Abundance Ion 85.00 (84.70 to 85.70): VF0

Ion 87.00 (86.70 to 87.70): VF0





#3

Chloromethane

Concen: 18.855 ug/l

RT: 1.10 min Scan# 48

Delta R.T. 0.02 min

Lab File: VF061340.D

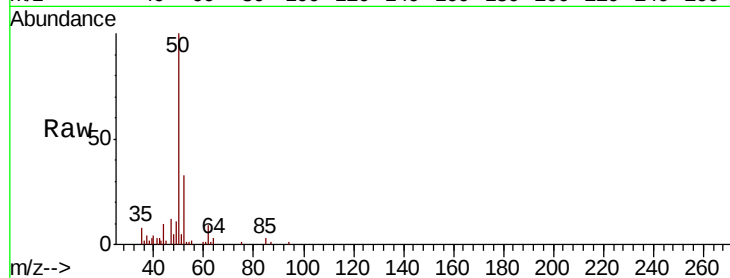
Acq: 10 Jan 2019 13:24

Tgt Ion: 50 Resp: 59947

Ion Ratio Lower Upper

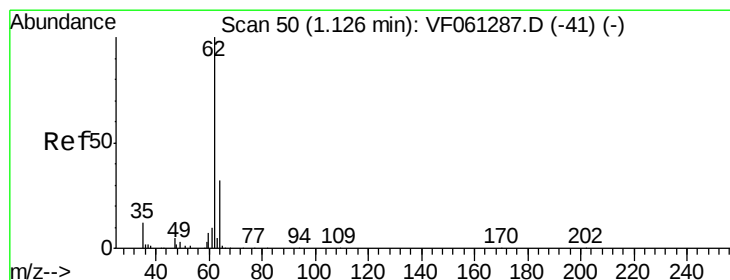
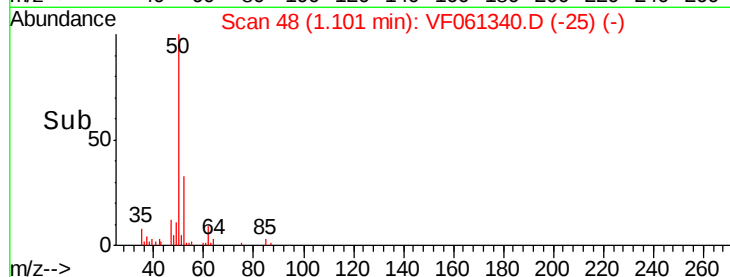
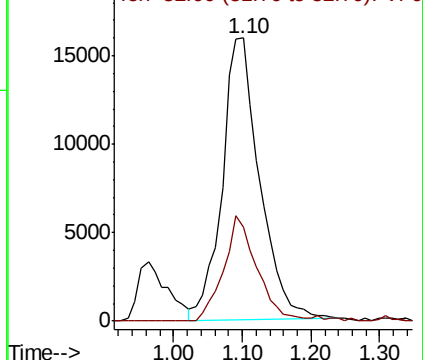
50 100

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

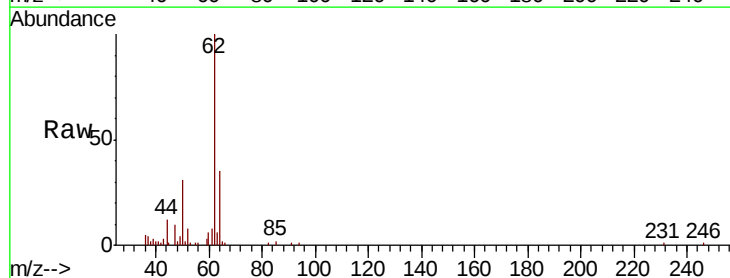
Acq: 10 Jan 2019 13:24

Tgt Ion: 62 Resp: 52063

Ion Ratio Lower Upper

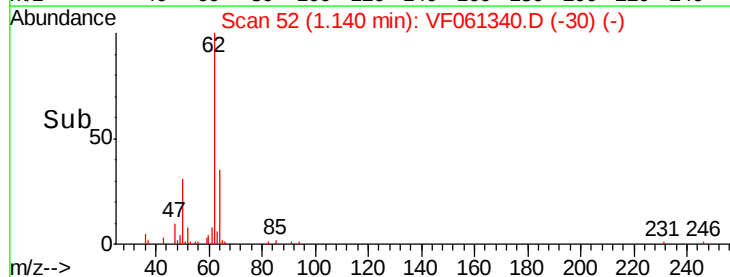
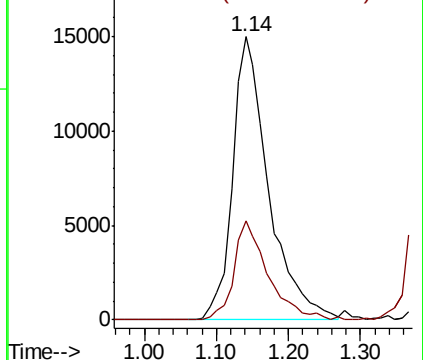
62 100

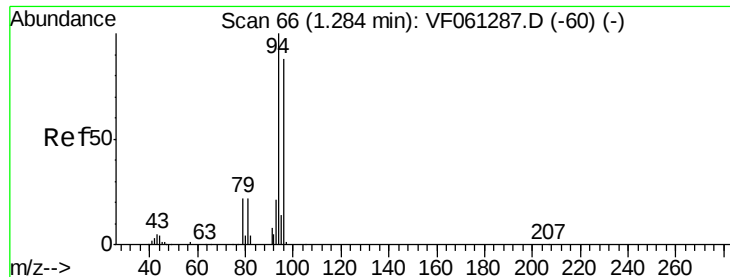
64 35.1 25.4 38.0



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

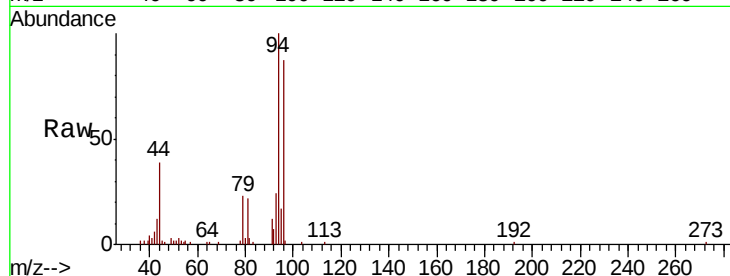
Acq: 10 Jan 2019 13:24

Tgt Ion: 94 Resp: 35525

Ion Ratio Lower Upper

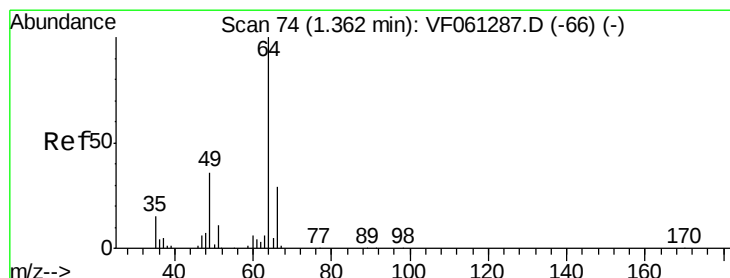
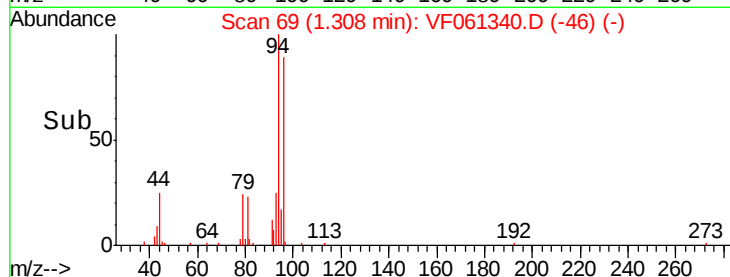
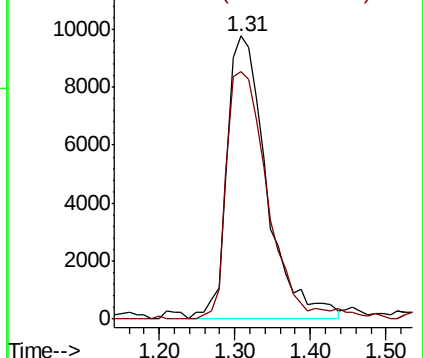
94 100

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

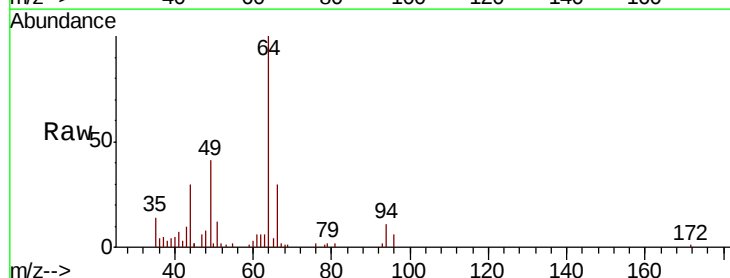
Acq: 10 Jan 2019 13:24

Tgt Ion: 64 Resp: 23972

Ion Ratio Lower Upper

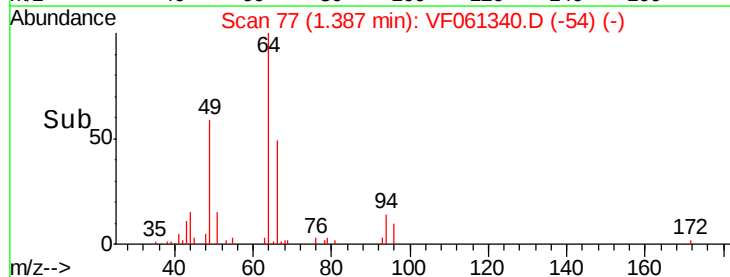
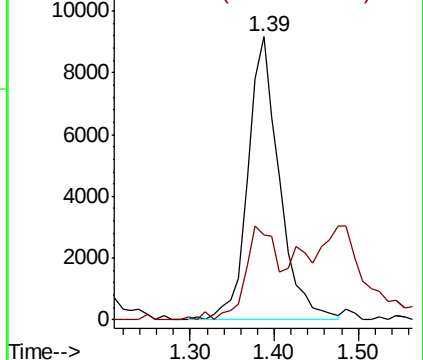
64 100

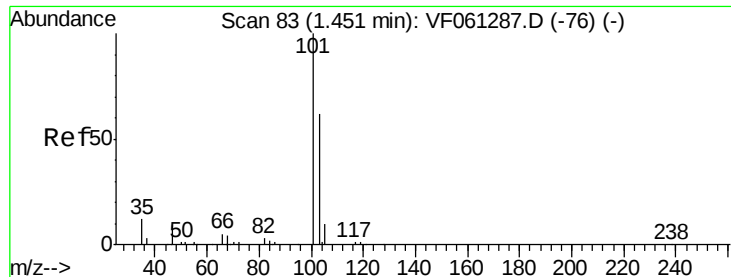
66 29.9 23.4 35.0



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

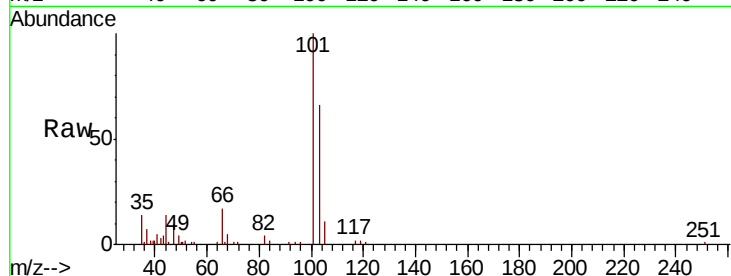
Acq: 10 Jan 2019 13:24

Tgt Ion: 101 Resp: 88937

Ion Ratio Lower Upper

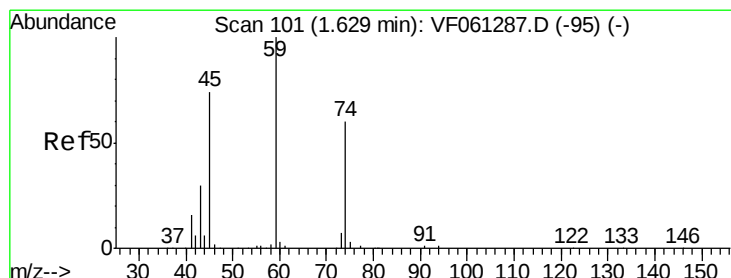
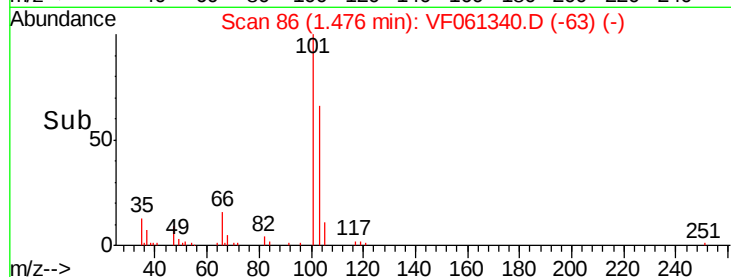
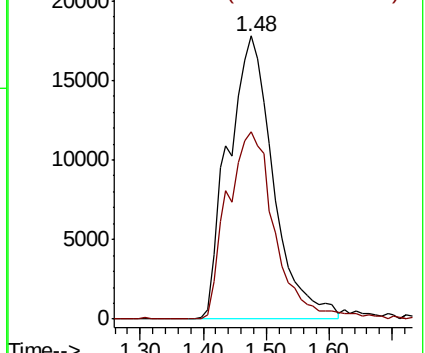
101 100

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

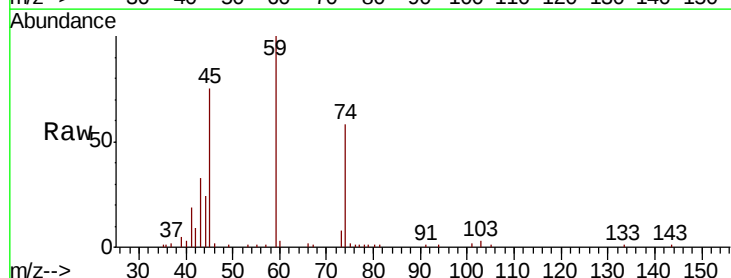
Acq: 10 Jan 2019 13:24

Tgt Ion: 74 Resp: 13553

Ion Ratio Lower Upper

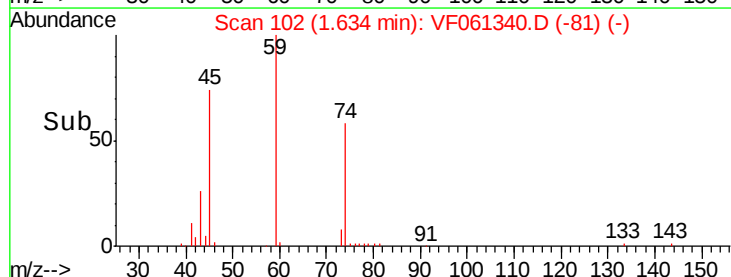
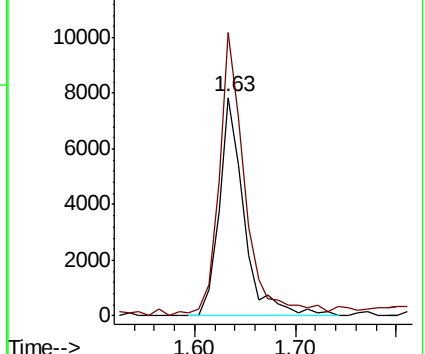
74 100

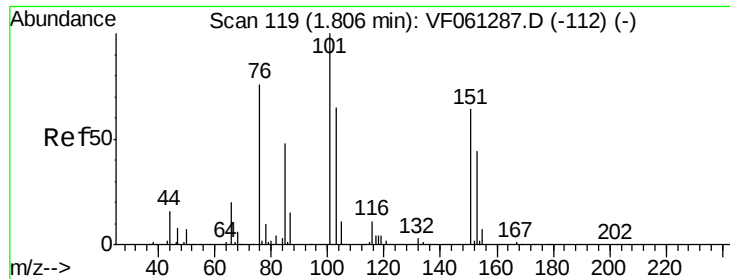
45 129.5 62.1 186.3



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

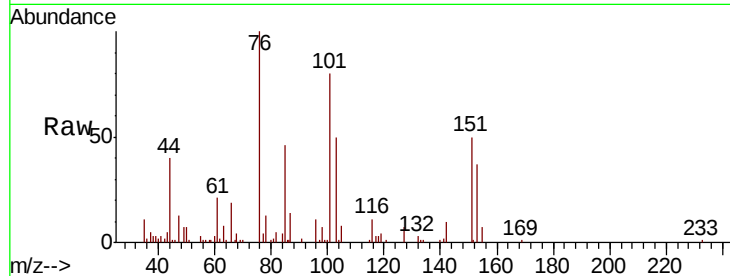
Tgt Ion:101 Resp: 46234

Ion Ratio Lower Upper

101 100

85 57.9 38.4 57.6#

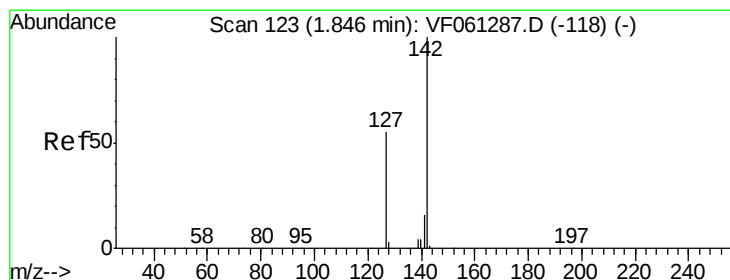
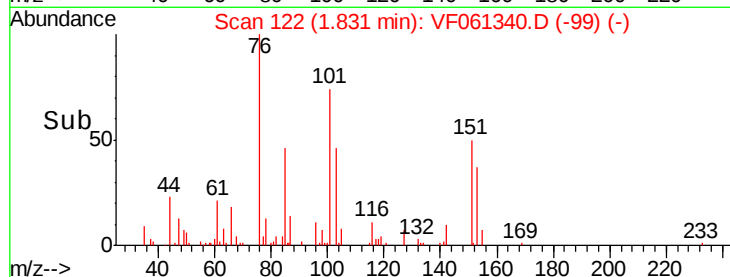
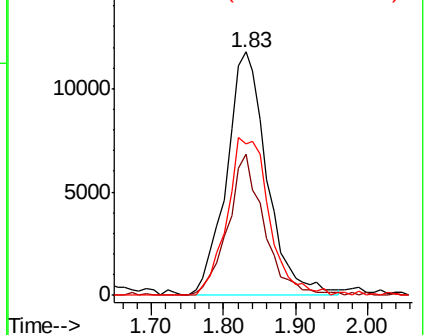
151 62.3 51.4 77.2



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: 5.881 ug/l

RT: 1.85 min Scan# 124

Delta R.T. 0.00 min

Lab File: VF061340.D

Acq: 10 Jan 2019 13:24

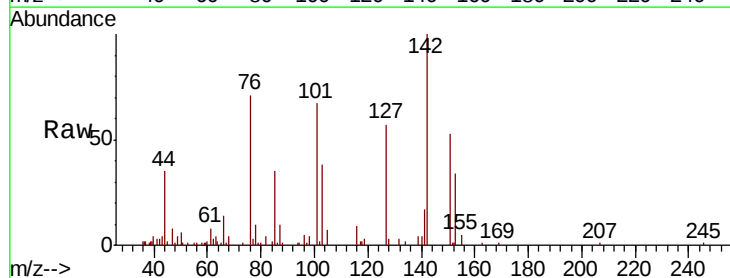
Tgt Ion:142 Resp: 23419

Ion Ratio Lower Upper

142 100

127 57.3 44.3 66.5

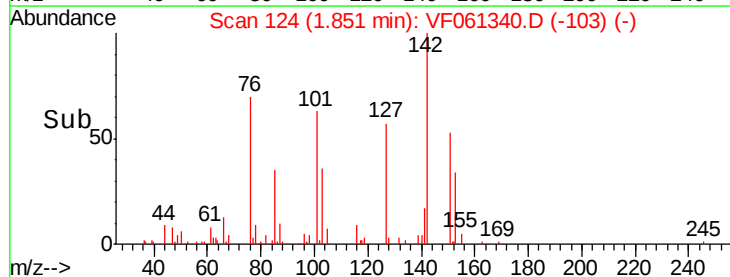
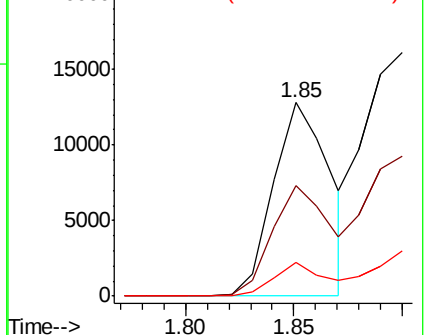
141 17.5 13.2 19.8

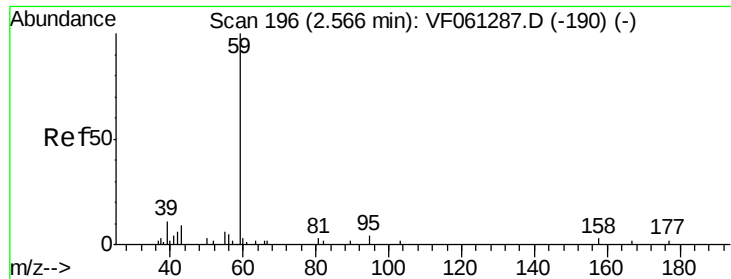


Abundance Ion 142.00 (141.70 to 142.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 141.00 (140.70 to 141.70): V

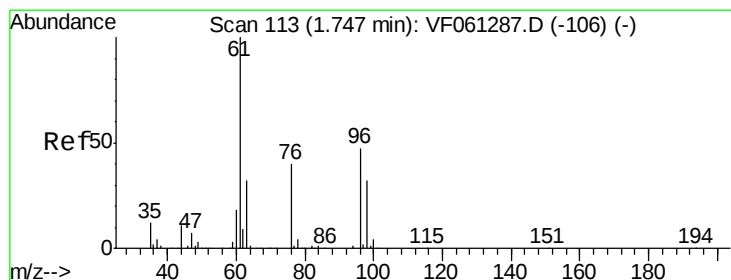
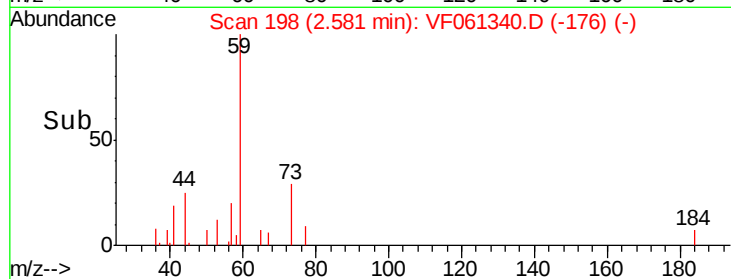
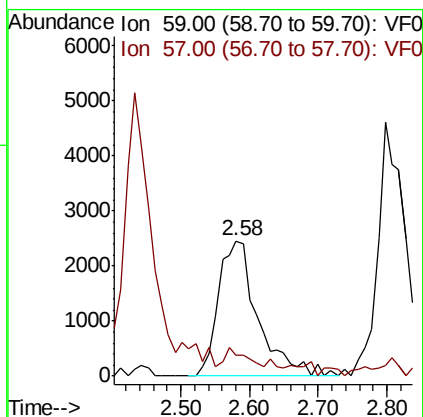
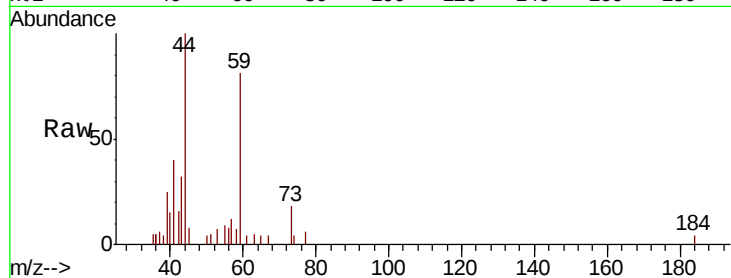




#11

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

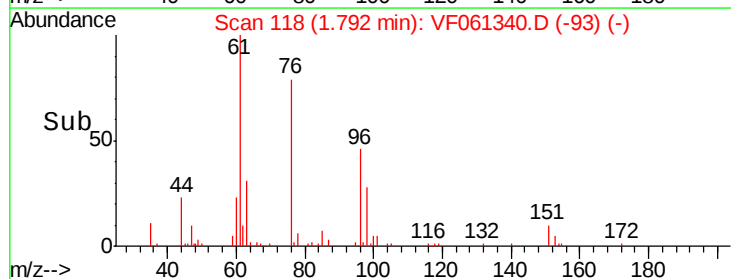
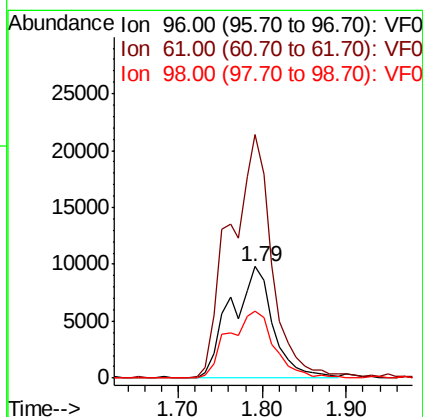
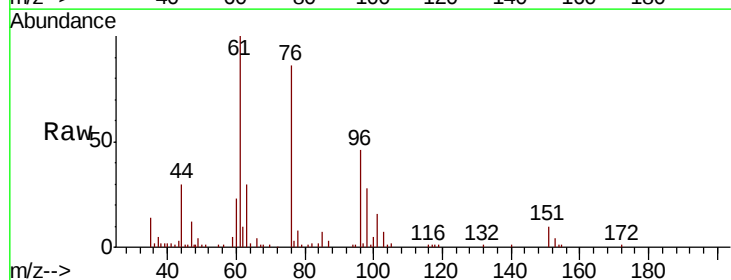
Tgt Ion: 59 Resp: 9712
Ion Ratio Lower Upper
59 100
57 15.3 15.1 22.7

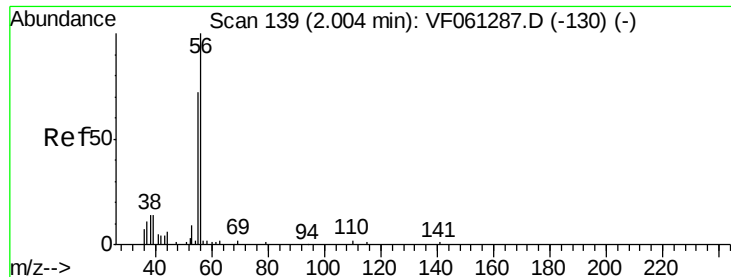


#12

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

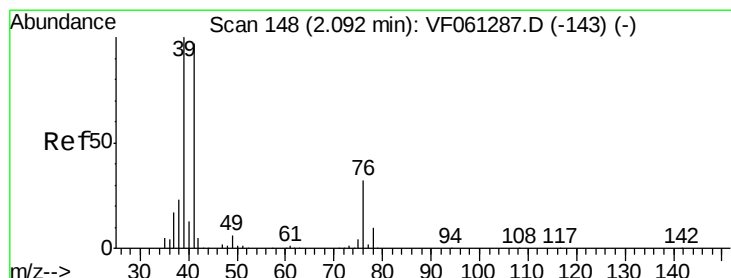
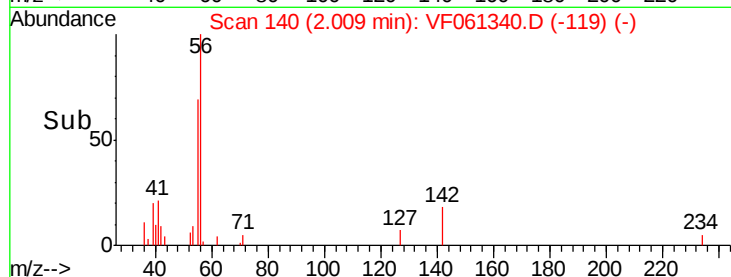
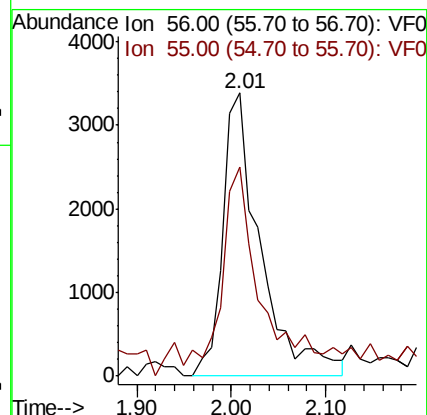
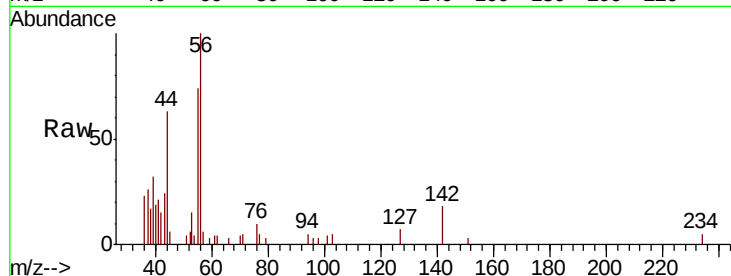
Acq: 10 Jan 2019 13:24

Tgt 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

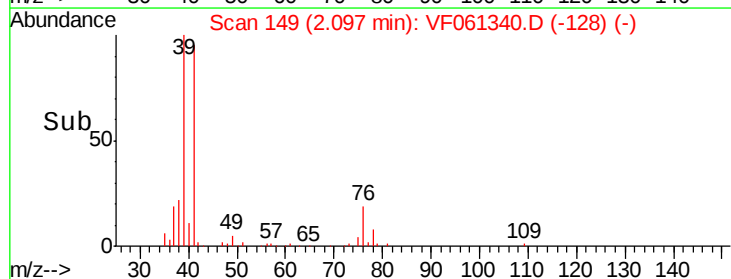
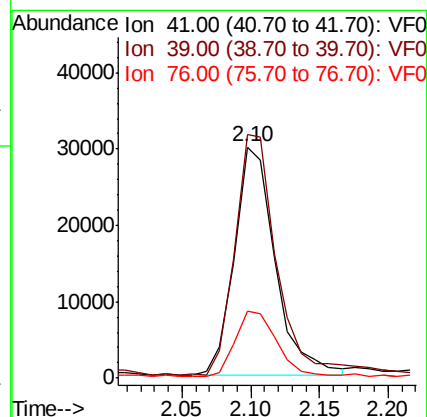
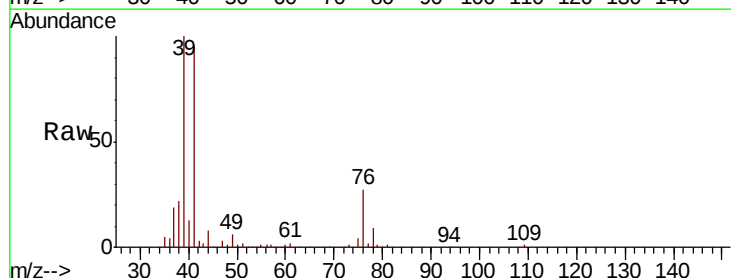
Tgt Ion: 41 Resp: 62254

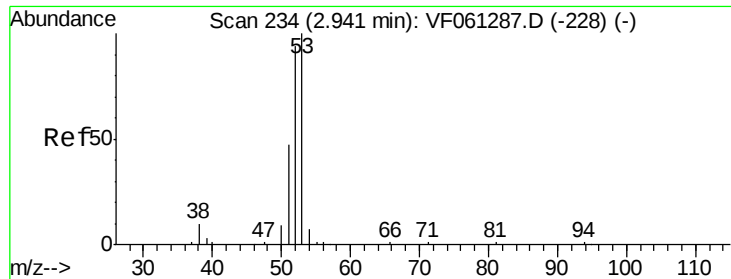
Ion Ratio Lower Upper

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

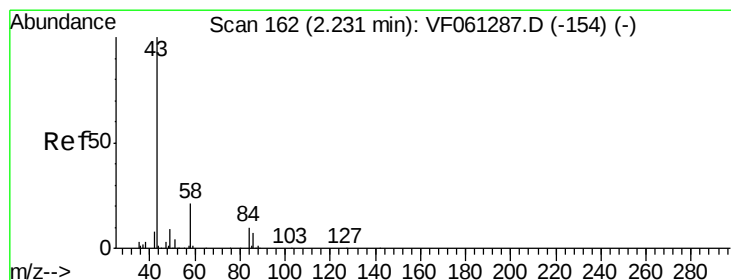
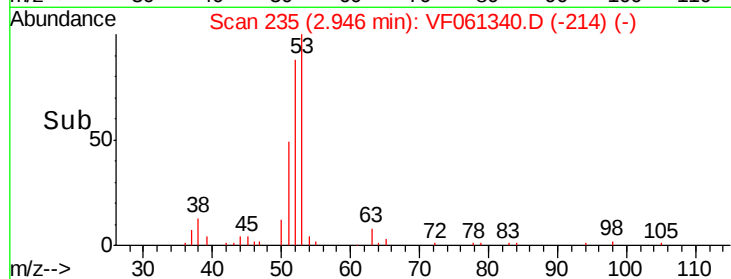
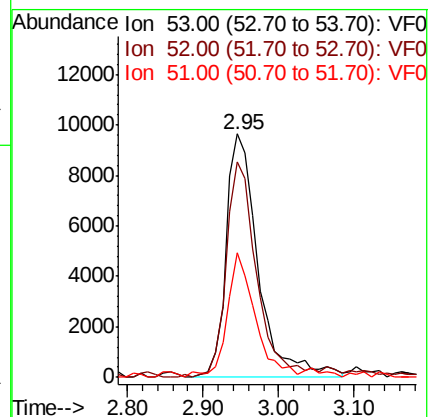
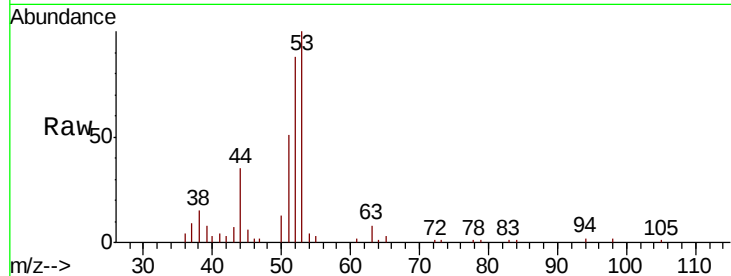
Tgt Ion: 53 Resp: 28398

Ion Ratio Lower Upper

53 100

52 88.4 74.6 111.8

51 50.9 37.8 56.6



#16

Acetone

Concen: 122.428 ug/l

RT: 2.25 min Scan# 164

Delta R.T. 0.01 min

Lab File: VF061340.D

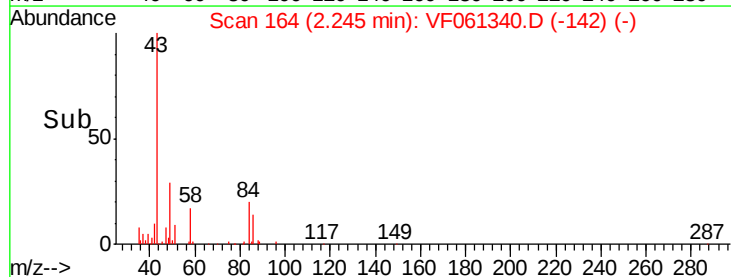
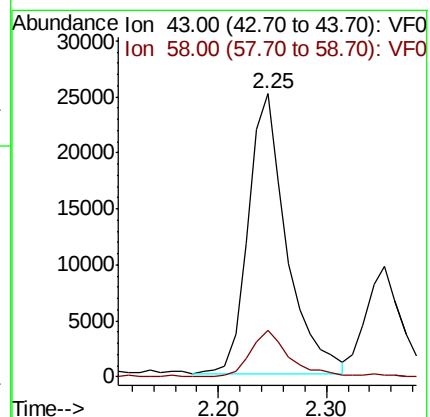
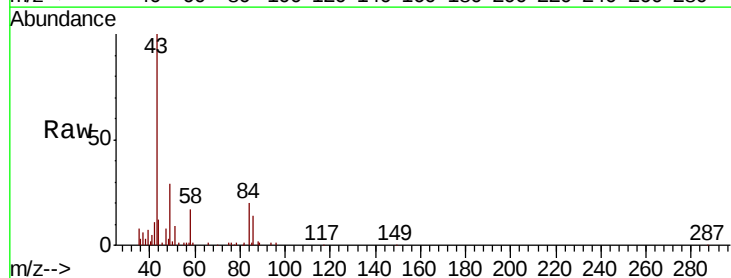
Acq: 10 Jan 2019 13:24

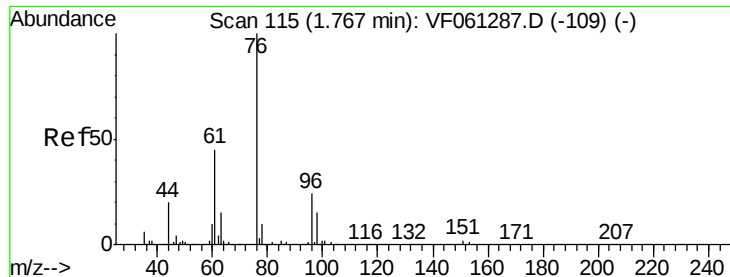
Tgt Ion: 43 Resp: 61313

Ion Ratio Lower Upper

43 100

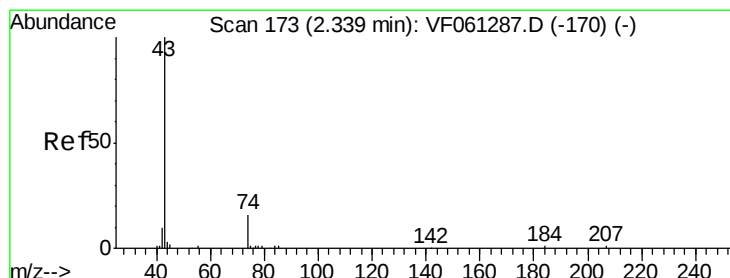
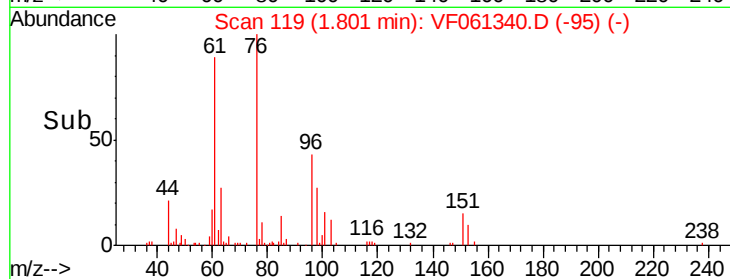
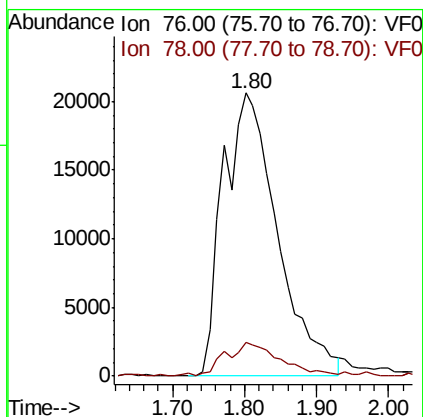
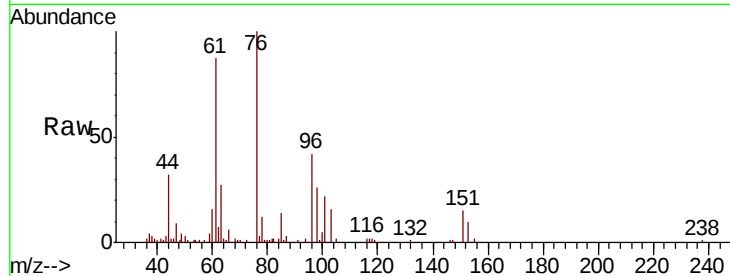
58 16.5 16.6 25.0#





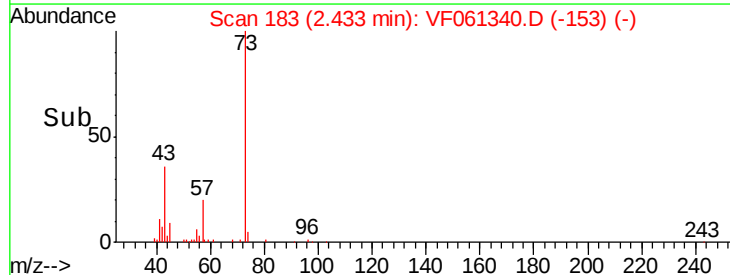
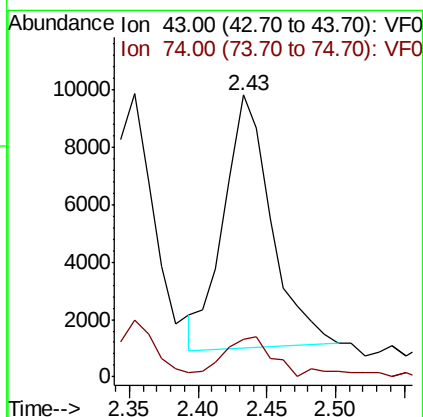
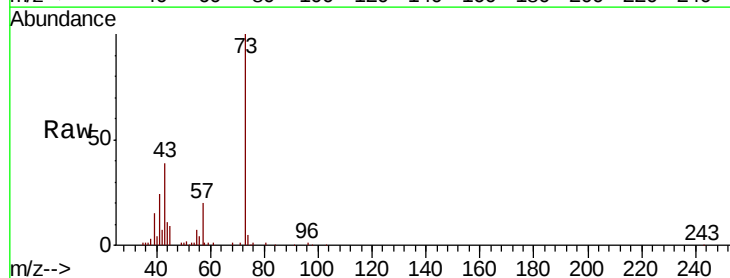
#17
Carbon Disulfide
Concen: 16.107 ug/l
RT: 1.80 min Scan# 119
Delta R.T. 0.03 min
Lab File: VF061340.D
Acq: 10 Jan 2019 13:24

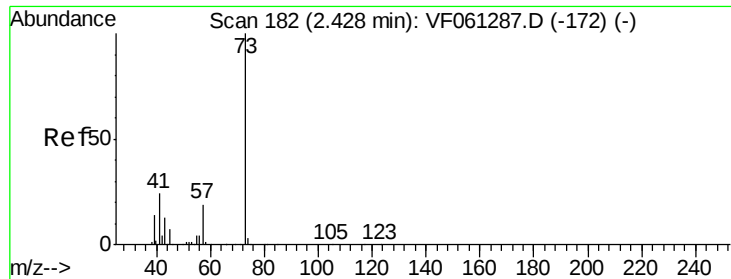
Tgt Ion: 76 Resp: 108136
Ion Ratio Lower Upper
76 100
78 11.8 7.8 11.6#



#18
Methyl Acetate
Concen: 21.446 ug/l
RT: 2.43 min Scan# 183
Delta R.T. 0.09 min
Lab File: VF061340.D
Acq: 10 Jan 2019 13:24

Tgt Ion: 43 Resp: 21131
Ion Ratio Lower Upper
43 100
74 13.5 11.6 17.4

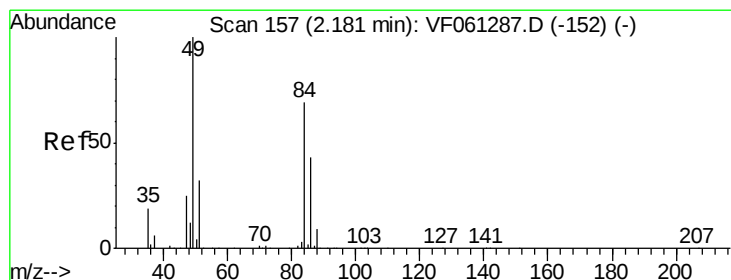
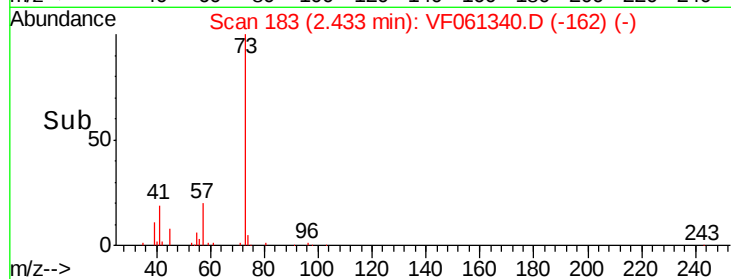
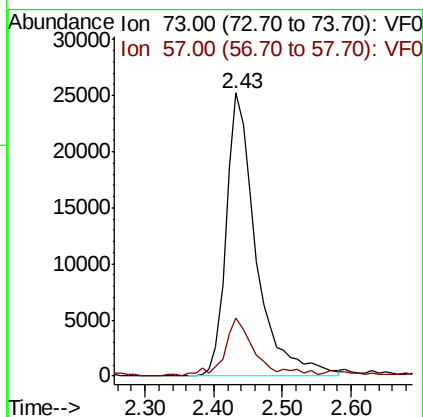
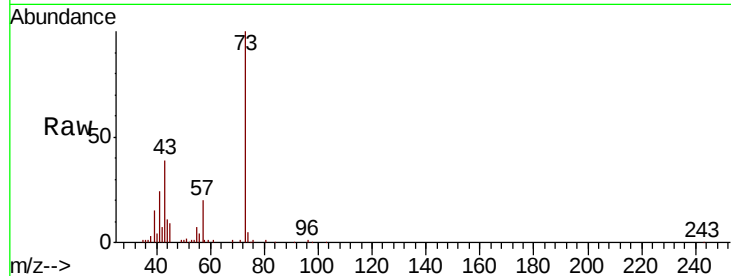




#19

Methyl tert-butyl 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

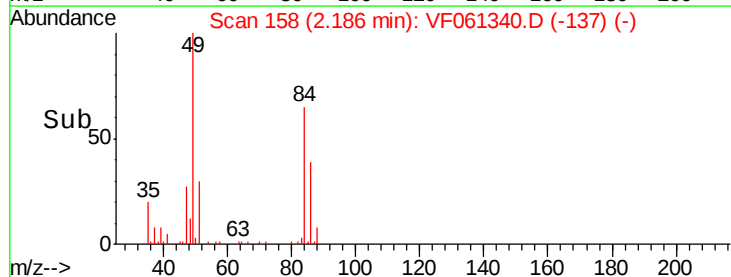
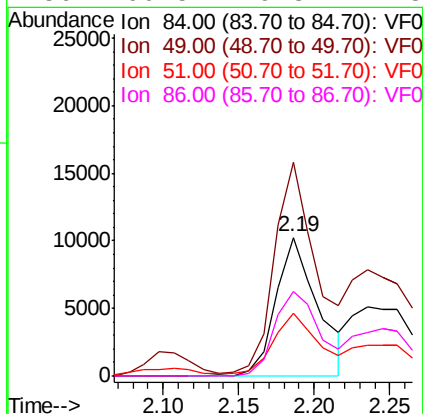
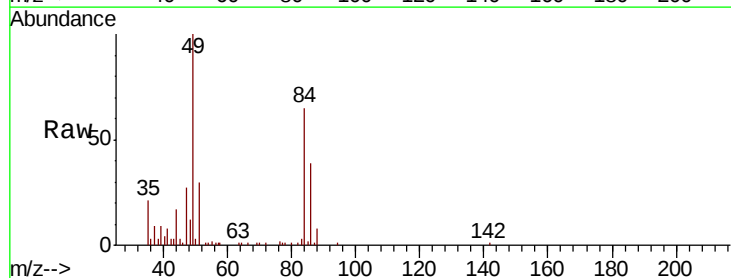
Tgt Ion: 73 Resp: 75794
 Ion Ratio Lower Upper
 73 100
 57 20.4 15.5 23.3

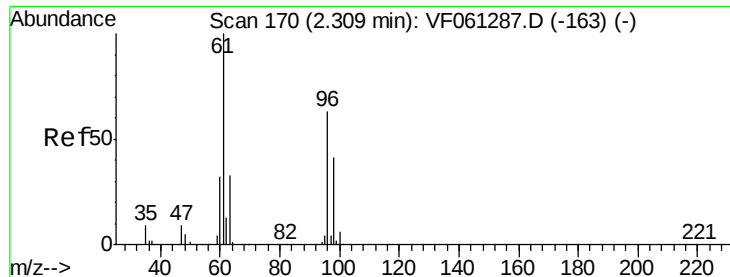


#20

Methylene Chloride
 Concen: 9.376 ug/l
 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: 19866
 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

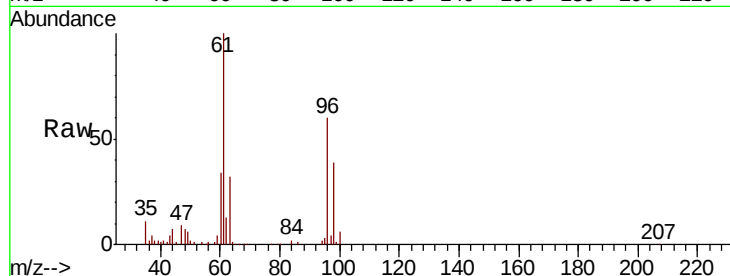
Tgt Ion: 96 Resp: 40434

Ion Ratio Lower Upper

96 100

61 166.2 127.0 190.4

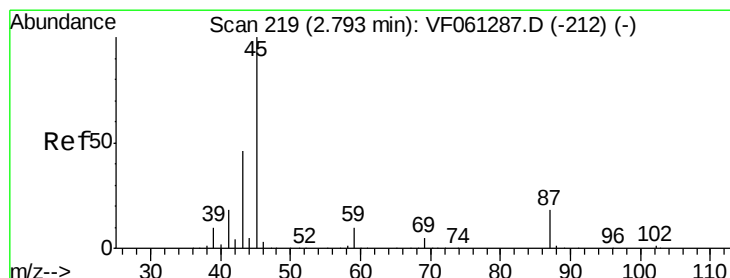
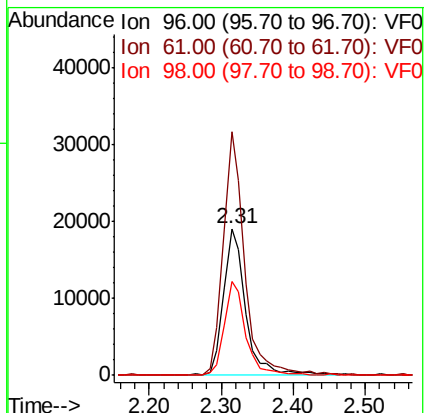
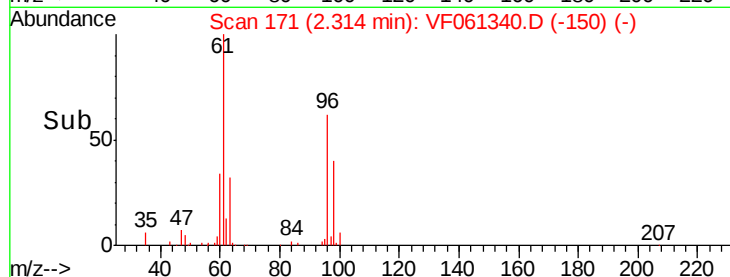
98 64.1 51.7 77.5



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

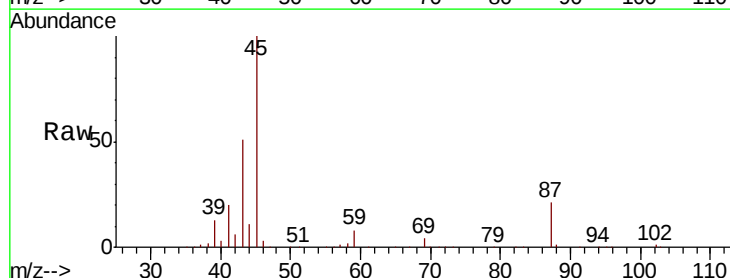
Ion Ratio Lower Upper

45 100

43 50.6 37.4 56.2

87 20.6 14.2 21.2

59 8.4 8.2 12.2

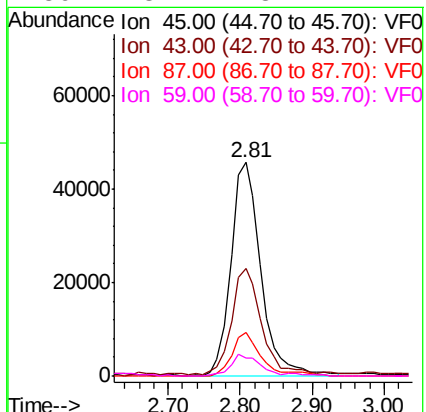
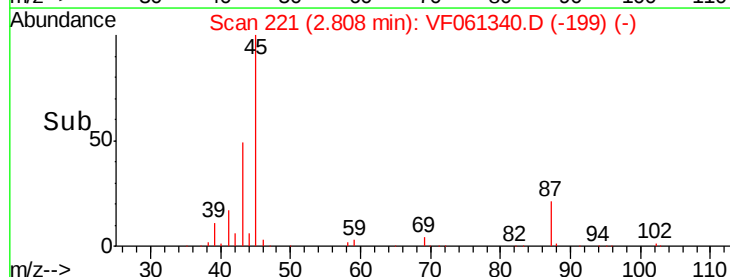


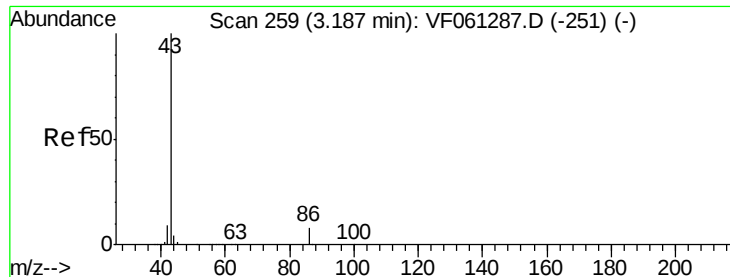
Abundance Ion 45.00 (44.70 to 45.70): VF0

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

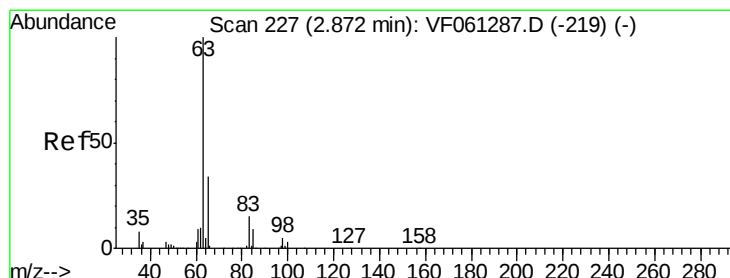
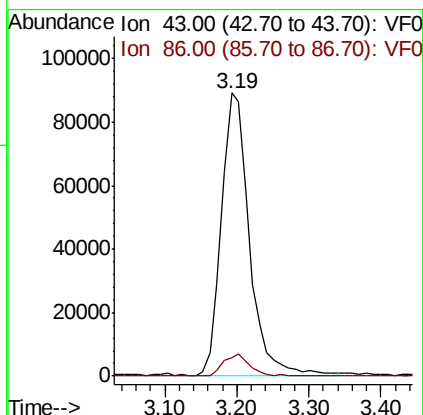
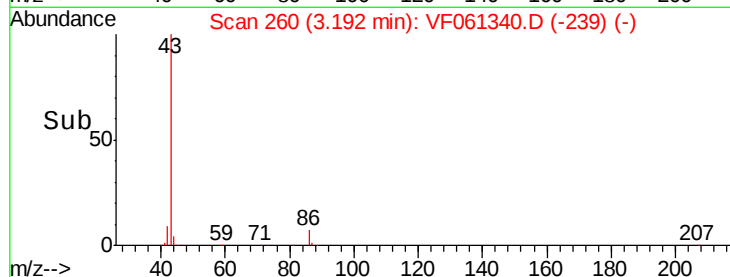
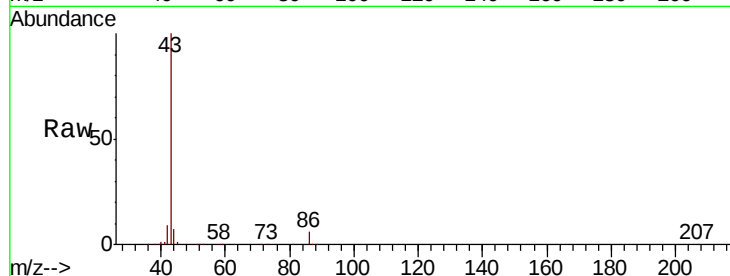
Acq: 10 Jan 2019 13:24

Tgt Ion: 43 Resp: 237403

Ion Ratio Lower Upper

43 100

86 6.5 6.5 9.7#



#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

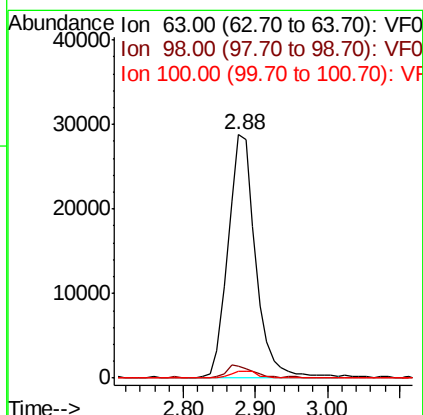
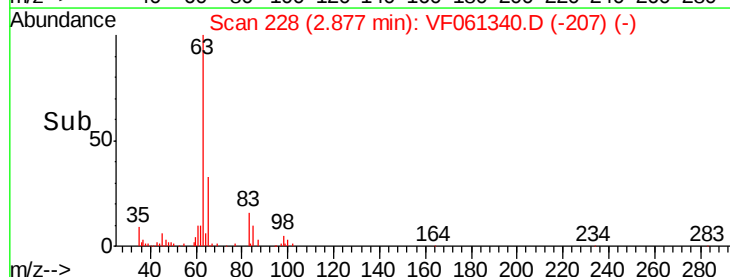
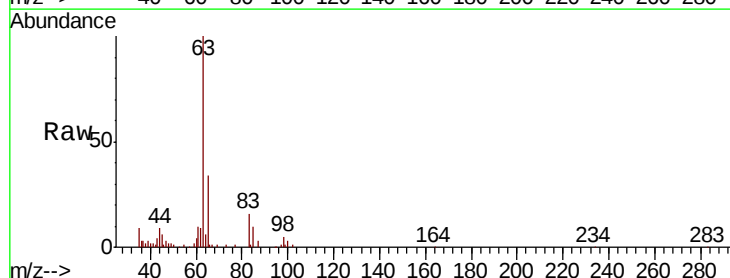
Tgt Ion: 63 Resp: 76767

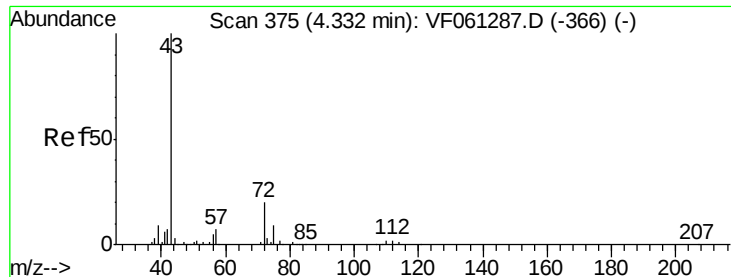
Ion Ratio Lower Upper

63 100

98 5.1 2.5 7.6

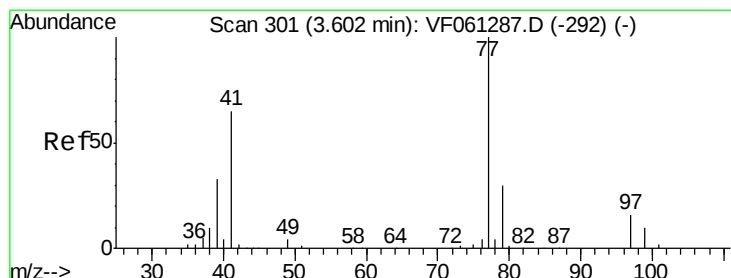
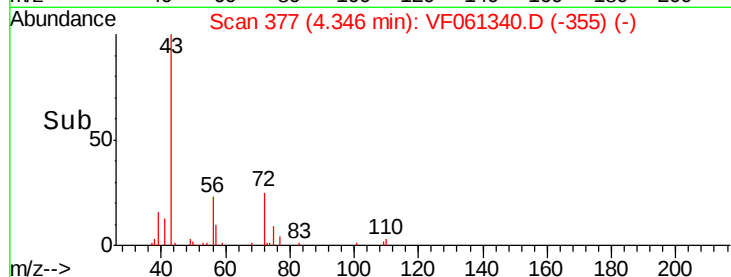
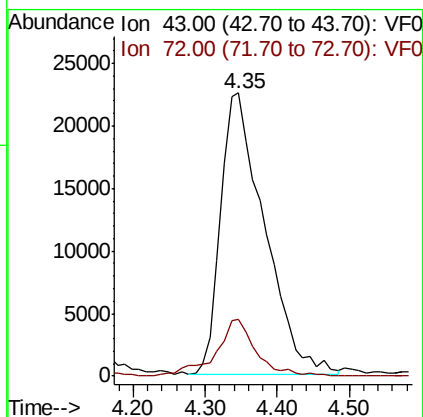
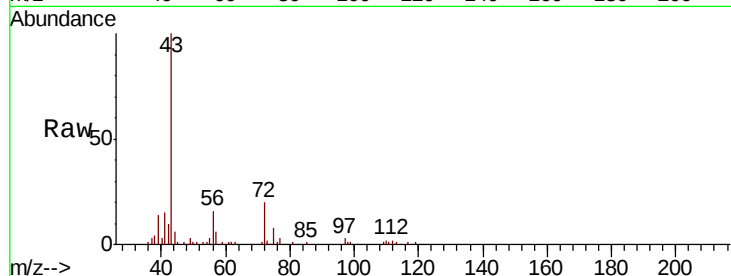
100 2.8 1.7 5.0





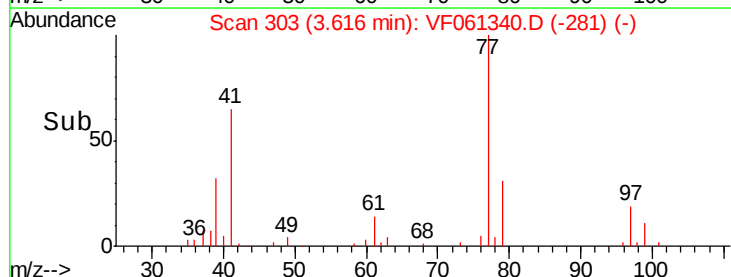
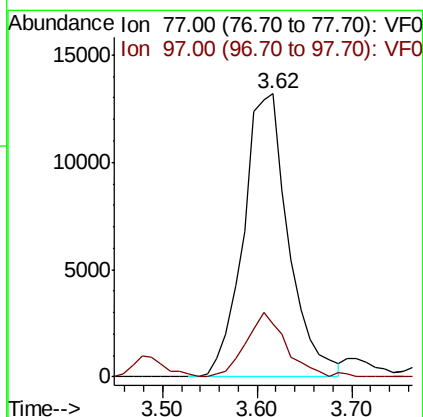
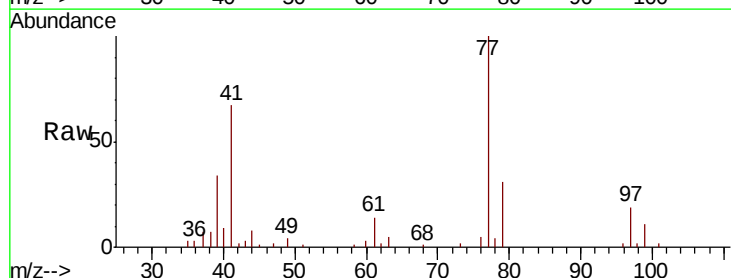
#25
 2-Butanone
 Concen: 117.389 ug/l
 RT: 4.35 min Scan# 377
 Delta R.T. 0.01 min
 Lab File: VF061340.D
 Acq: 10 Jan 2019 13:24

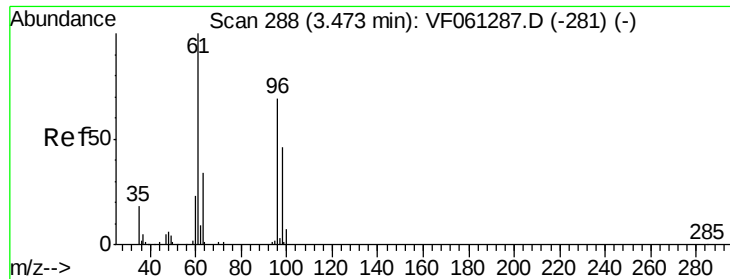
Tgt Ion: 43 Resp: 94621
 Ion Ratio Lower Upper
 43 100
 72 20.1 16.5 24.7



#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

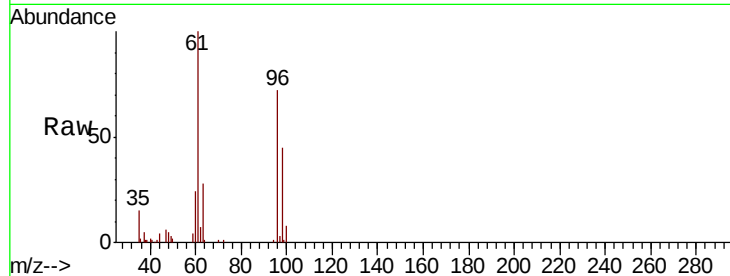




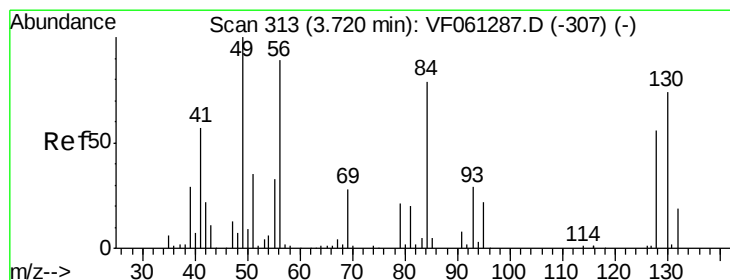
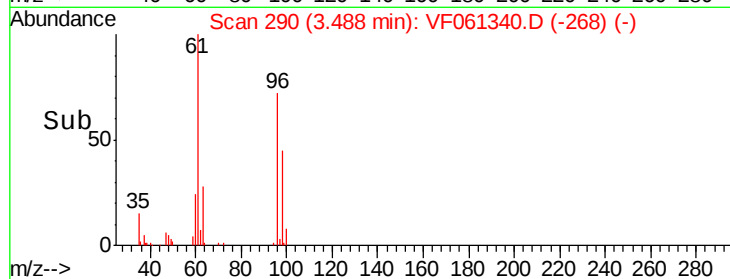
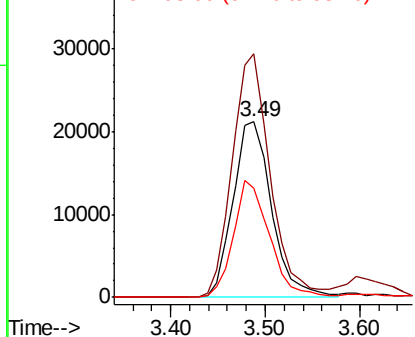
#27

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

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



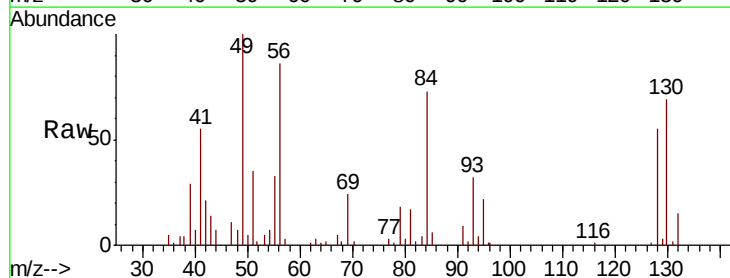
Abundance Ion 96.00 (95.70 to 96.70): VF0
Ion 61.00 (60.70 to 61.70): VF0
Ion 98.00 (97.70 to 98.70): VF0



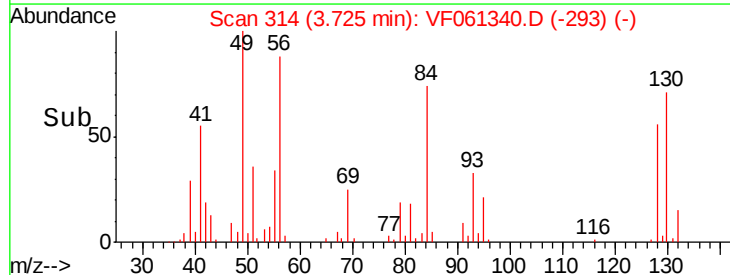
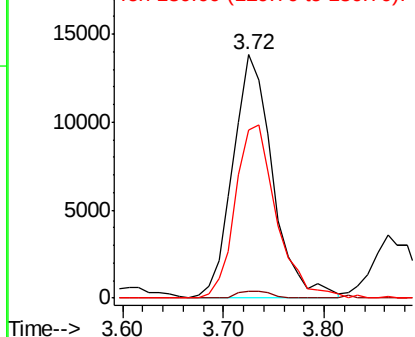
#28

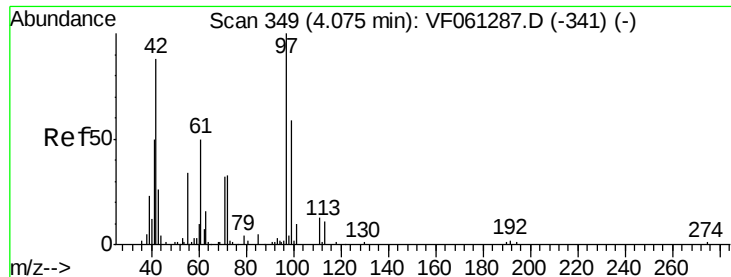
Bromochloromethane
Concen: 20.818 ug/l
RT: 3.72 min Scan# 314
Delta R.T. 0.00 min
Lab File: VF061340.D
Acq: 10 Jan 2019 13:24

Tgt Ion	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

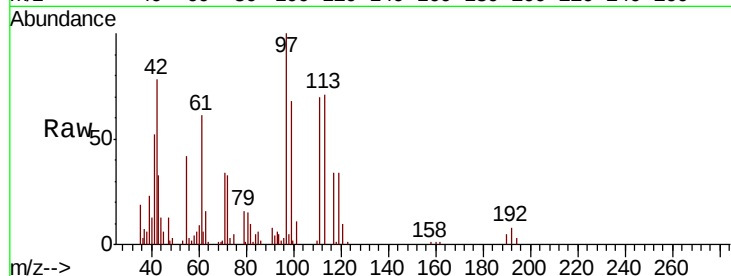
RT: 4.09 min Scan# 351

Delta R.T. 0.01 min

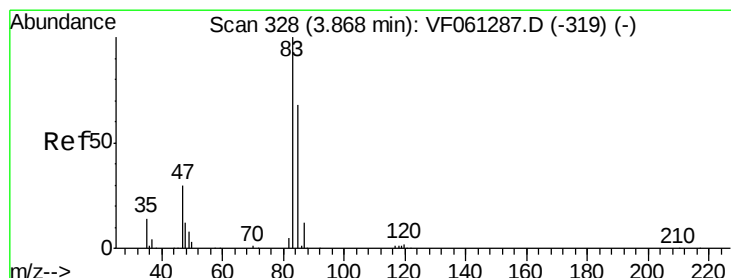
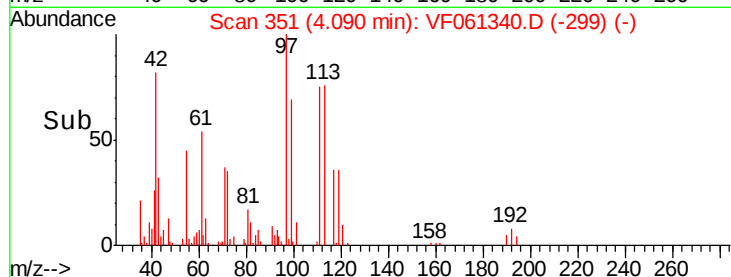
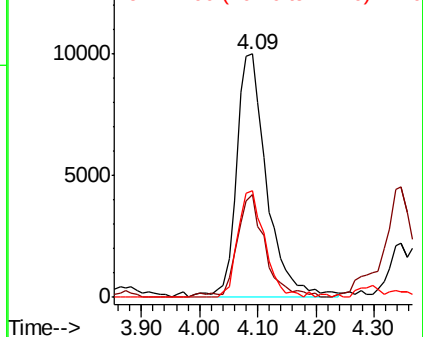
Lab File: VF061340.D

Acq: 10 Jan 2019 13:24

Tgt Ion:	42	Resp:	36273
Ion	Ratio	Lower	Upper
42	100		
72	38.6	32.3	48.5
71	38.8	29.5	44.3



Abundance Ion 42.00 (41.70 to 42.70): VF0
Ion 72.00 (71.70 to 72.70): VF0
Ion 71.00 (70.70 to 71.70): VF0



#30

Chloroform

Concen: 18.692 ug/l

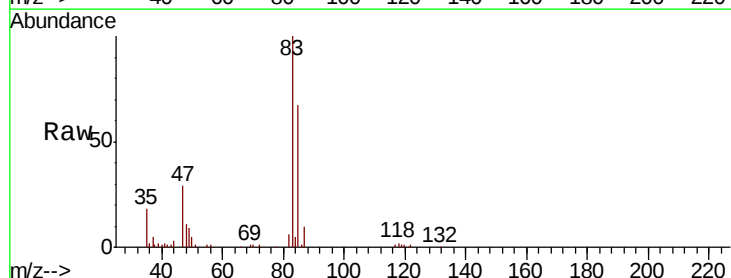
RT: 3.87 min Scan# 329

Delta R.T. 0.00 min

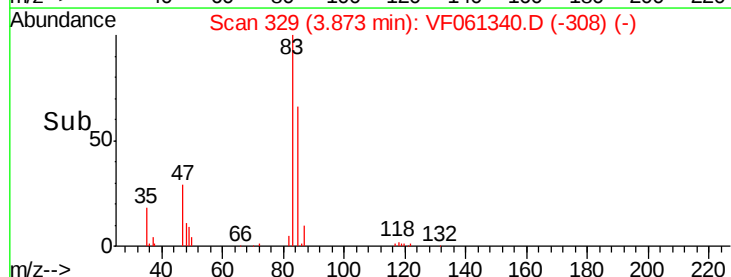
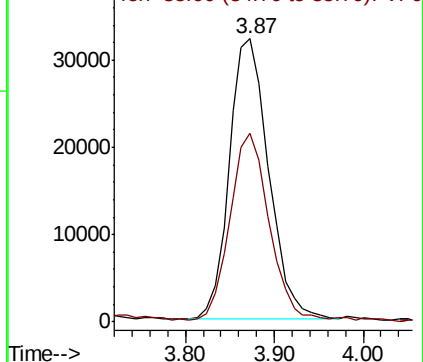
Lab File: VF061340.D

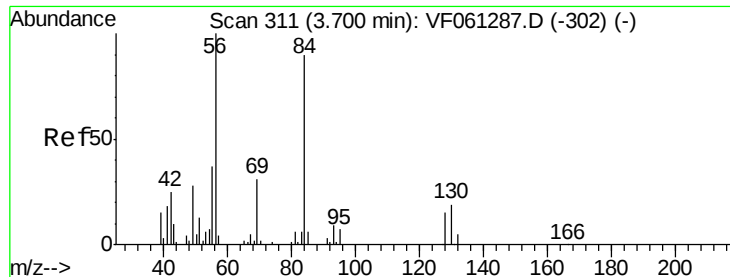
Acq: 10 Jan 2019 13:24

Tgt Ion:	83	Resp:	98653
Ion	Ratio	Lower	Upper
83	100		
85	66.6	54.4	81.6



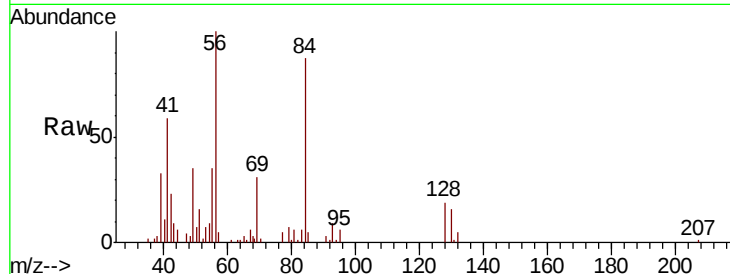
Abundance Ion 83.00 (82.70 to 83.70): VF0
Ion 85.00 (84.70 to 85.70): VF0



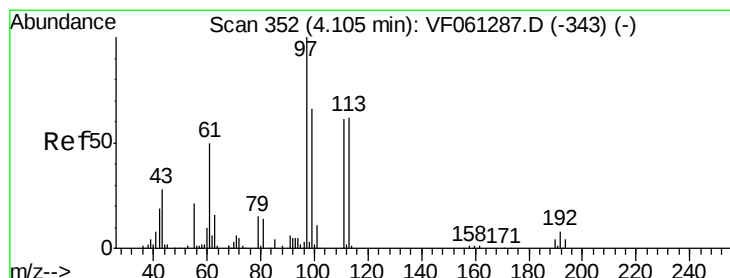
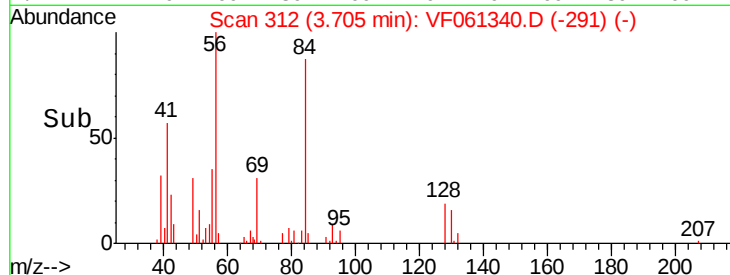
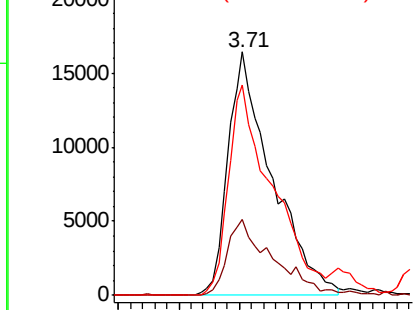


#31
Cyclohexane
Concen: 18.990 ug/l
RT: 3.71 min Scan# 312
Delta R.T. 0.00 min
Lab File: VF061340.D
Acq: 10 Jan 2019 13:24

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

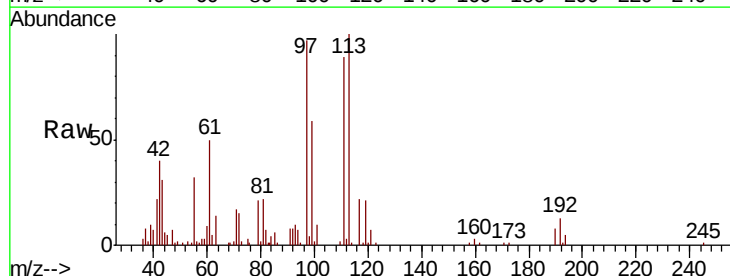


Abundance Ion 56.00 (55.70 to 56.70): VF0
Ion 69.00 (68.70 to 69.70): VF0
Ion 84.00 (83.70 to 84.70): VF0

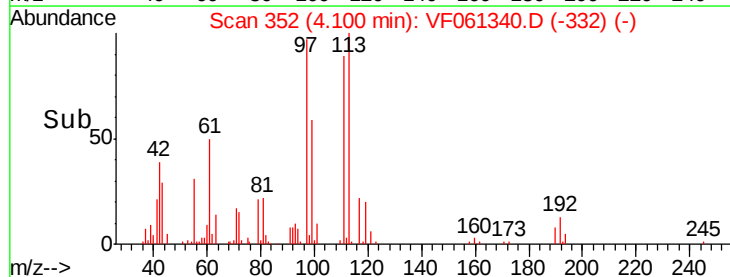
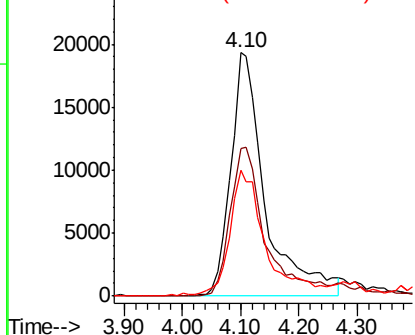


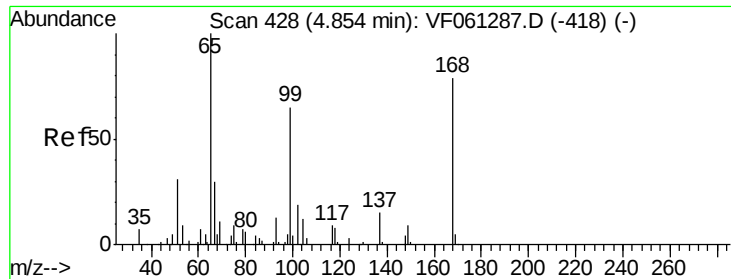
#32
1,1,1-Trichloroethane
Concen: 18.747 ug/l
RT: 4.10 min Scan# 352
Delta R.T. -0.00 min
Lab File: VF061340.D
Acq: 10 Jan 2019 13:24

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



Abundance Ion 97.00 (96.70 to 97.70): VF0
Ion 99.00 (98.70 to 99.70): VF0
Ion 61.00 (60.70 to 61.70): VF0





#33

1,2-Dichloroethane-d4

Concen: 52.289 ug/l

RT: 4.85 min Scan# 428

Delta R.T. -0.00 min

Lab File: VF061340.D

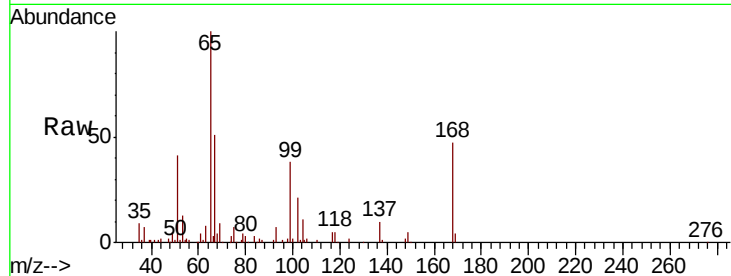
Acq: 10 Jan 2019 13:24

Tgt Ion: 65 Resp: 112572

Ion Ratio Lower Upper

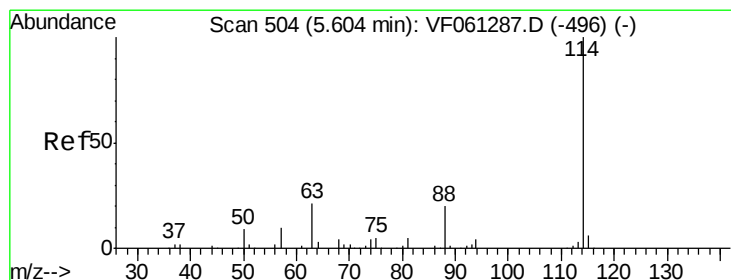
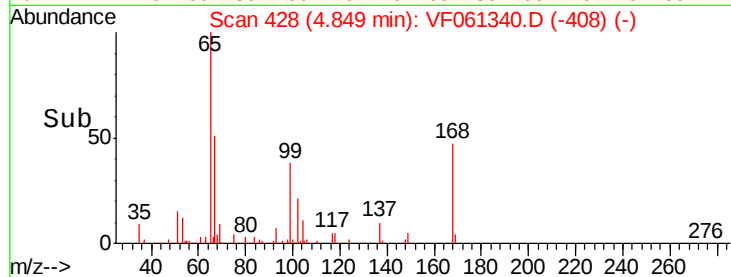
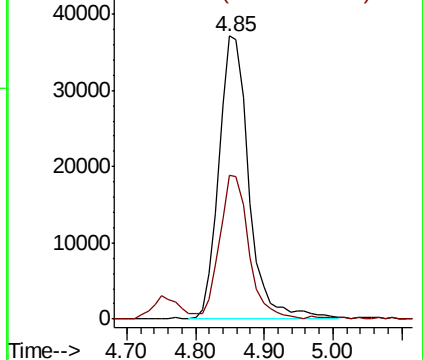
65 100

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

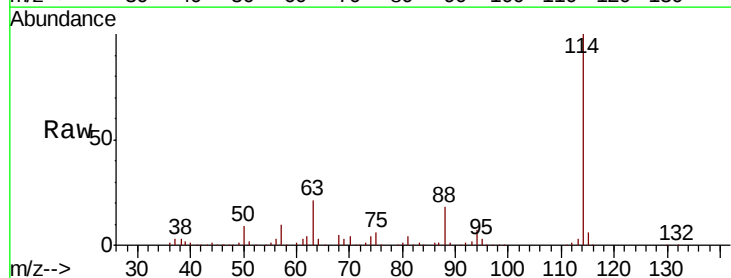
Tgt Ion: 114 Resp: 338431

Ion Ratio Lower Upper

114 100

63 20.6 0.0 42.8

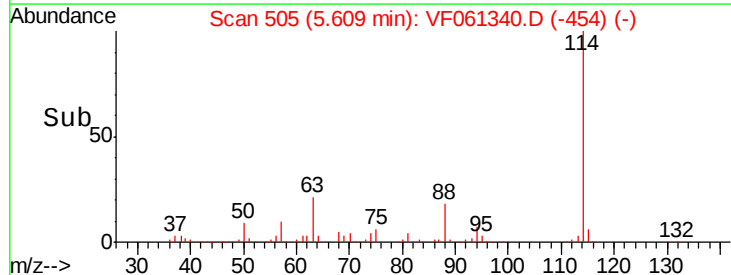
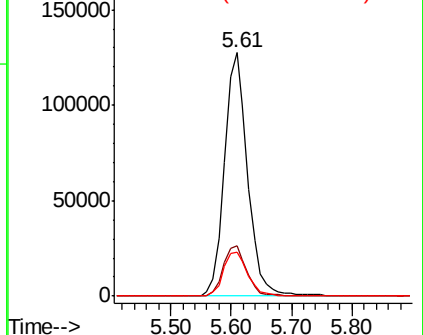
88 18.0 0.0 40.0

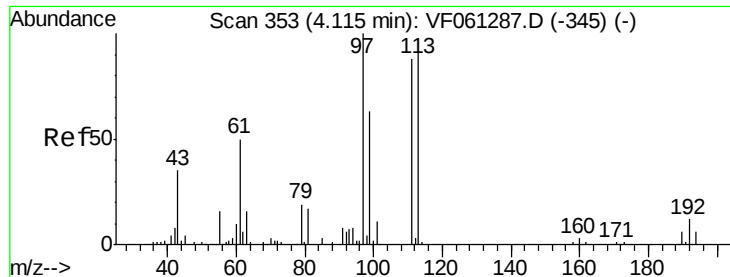


Abundance Ion 114.00 (113.70 to 114.70): V

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

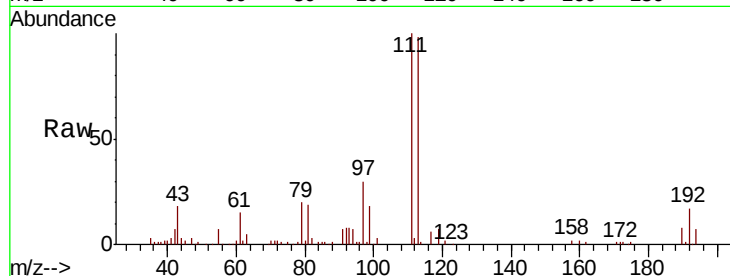
Tgt Ion:113 Resp: 129215

Ion Ratio Lower Upper

113 100

111 102.2 78.0 117.0

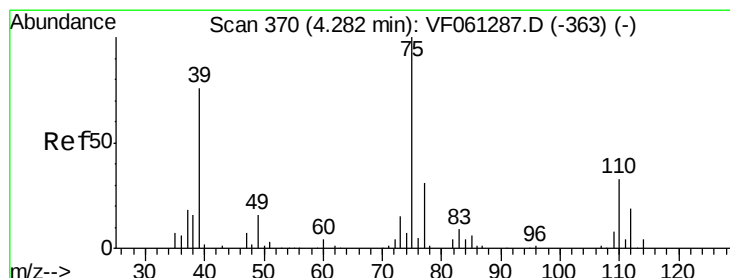
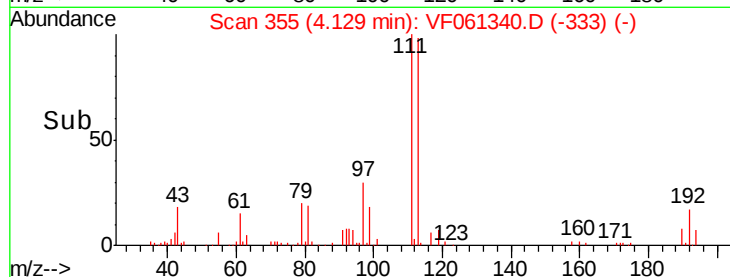
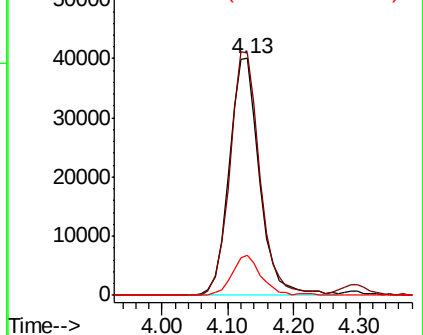
192 17.1 10.6 16.0#



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

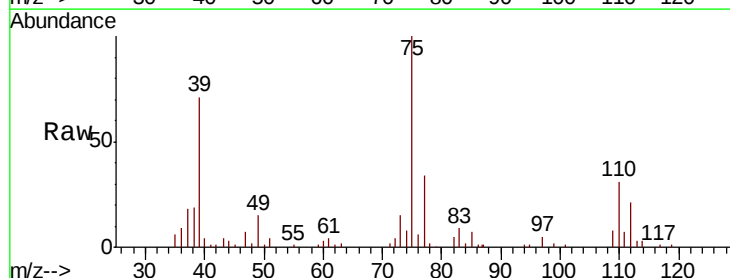
Tgt Ion: 75 Resp: 80670

Ion Ratio Lower Upper

75 100

110 30.7 16.6 49.8

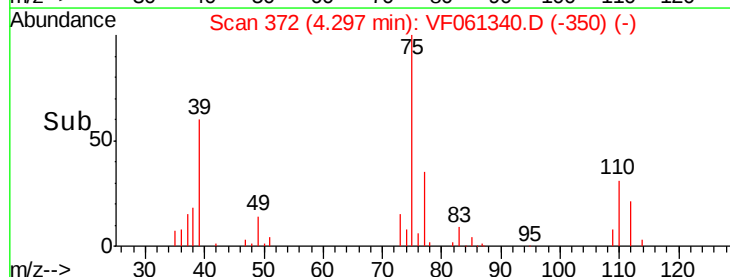
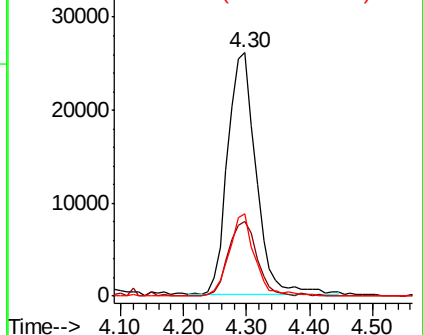
77 33.8 25.1 37.7

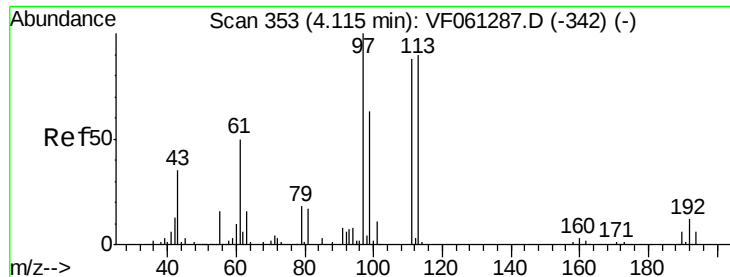


Abundance Ion 75.00 (74.70 to 75.70): VF0

Ion 110.00 (109.70 to 110.70): V

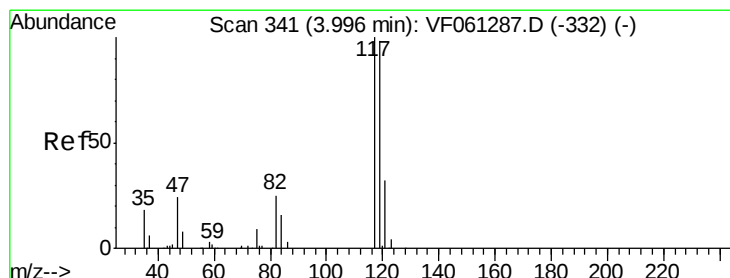
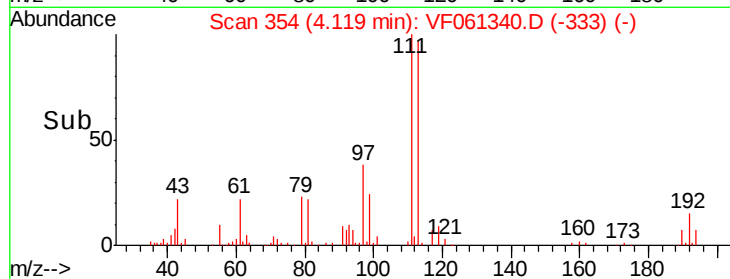
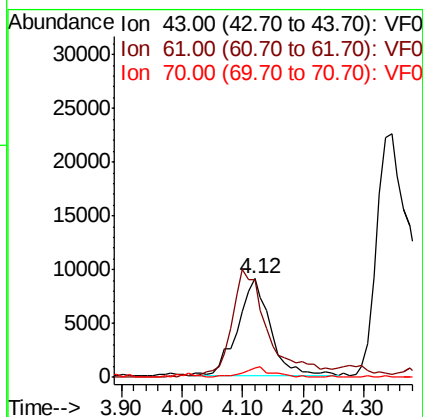
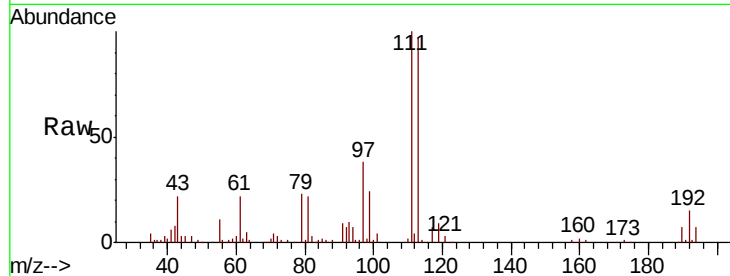
Ion 77.00 (76.70 to 77.70): VF0





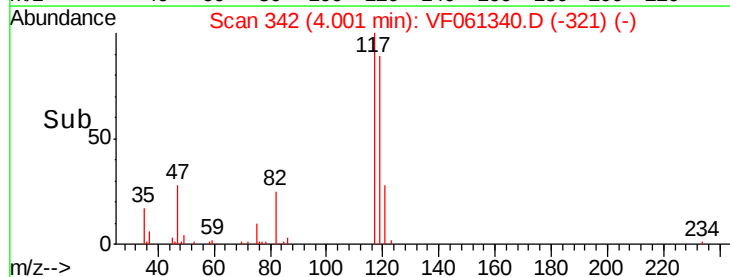
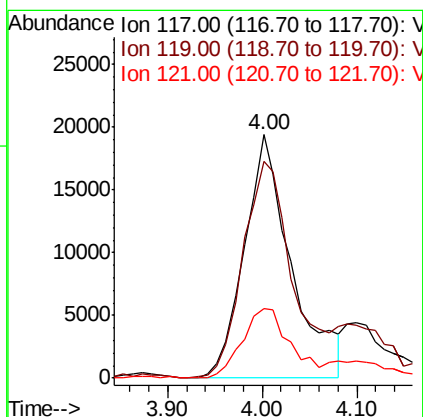
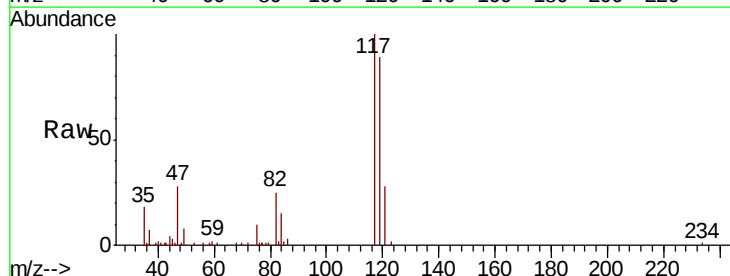
#37
Ethyl Acetate
Concen: 23.554 ug/l
RT: 4.12 min Scan# 354
Delta R.T. 0.00 min
Lab File: VF061340.D
Acq: 10 Jan 2019 13:24

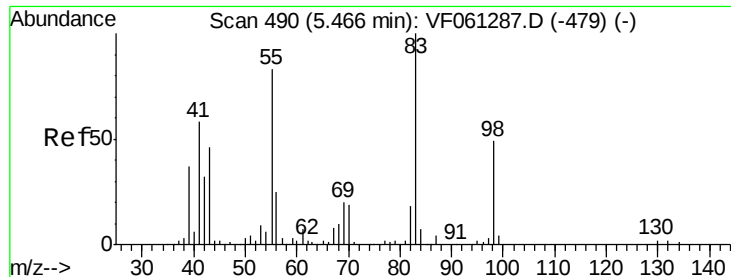
Tgt Ion: 43 Resp: 33898
Ion Ratio Lower Upper
43 100
61 99.6 113.3 169.9#
70 9.7 9.4 14.0



#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

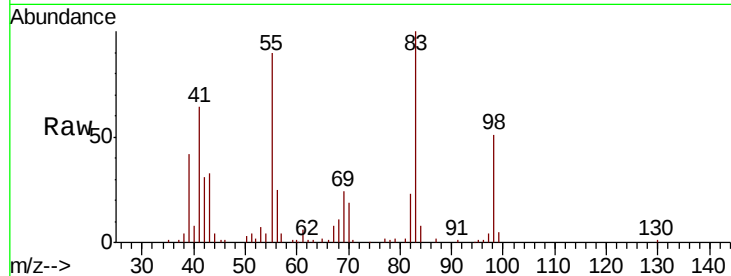
Tgt Ion: 117 Resp: 67041
Ion Ratio Lower Upper
117 100
119 88.9 78.5 117.7
121 28.3 25.3 37.9



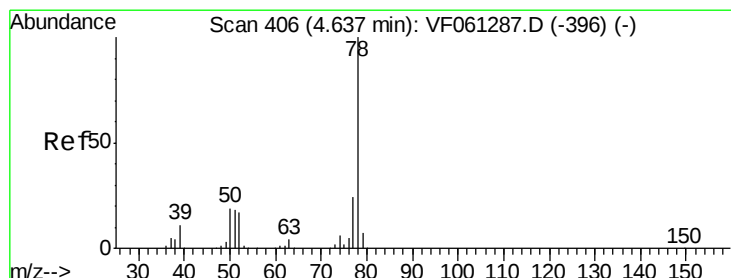
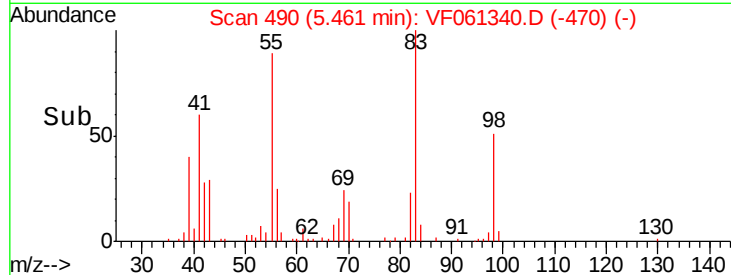
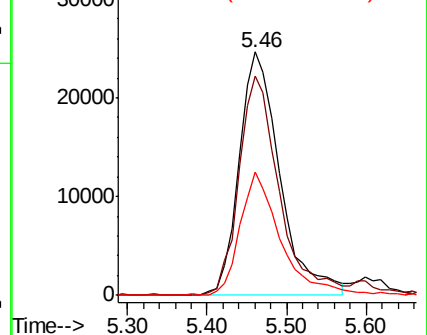


#39
Methylcyclohexane
Concen: 17.706 ug/l
RT: 5.46 min Scan# 490
Delta R.T. -0.00 min
Lab File: VF061340.D
Acq: 10 Jan 2019 13:24

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

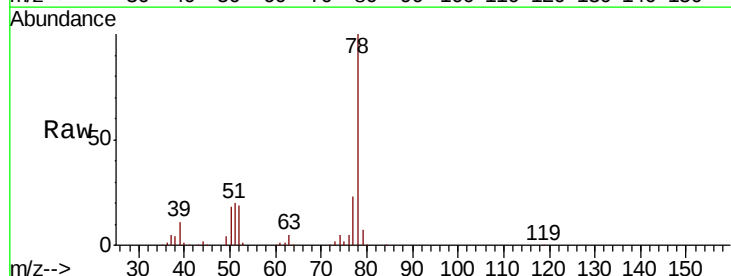


Abundance Ion 83.00 (82.70 to 83.70): VF0
Ion 55.00 (54.70 to 55.70): VF0
Ion 98.00 (97.70 to 98.70): VF0

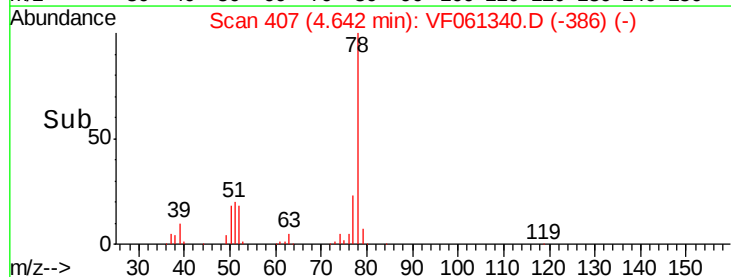
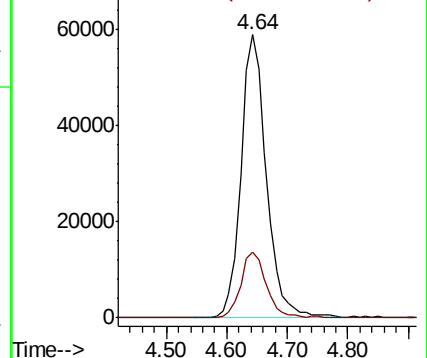


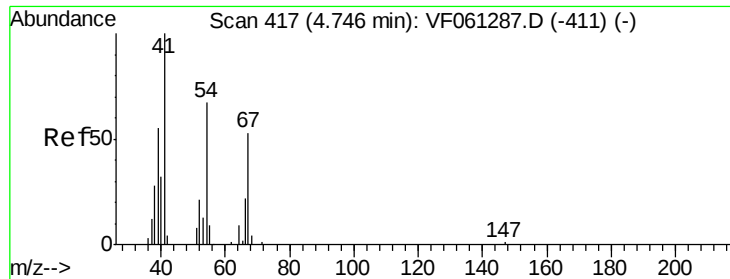
#40
Benzene
Concen: 18.622 ug/l
RT: 4.64 min Scan# 407
Delta R.T. 0.00 min
Lab File: VF061340.D
Acq: 10 Jan 2019 13:24

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



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





#41

Methacrylonitrile

Concen: 19.937 ug/l

RT: 4.75 min Scan# 418

Delta R.T. 0.00 min

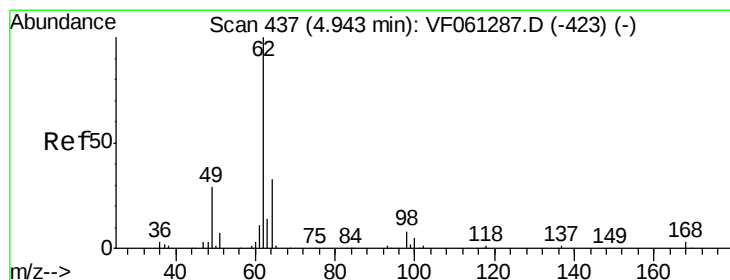
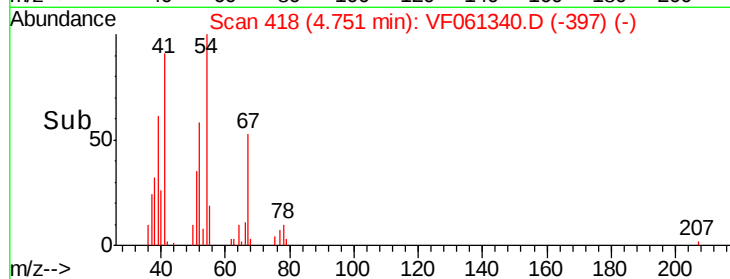
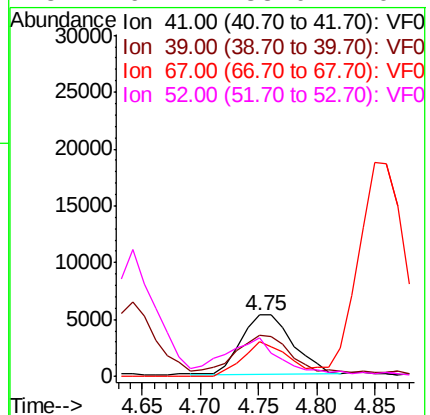
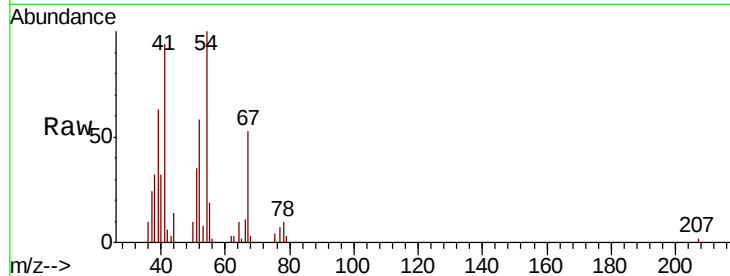
Lab File: VF061340.D

Acq: 10 Jan 2019 13:24

Tgt 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

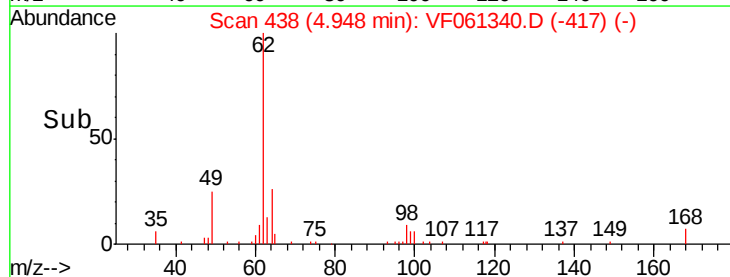
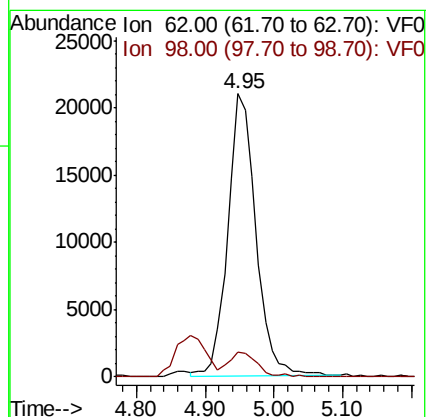
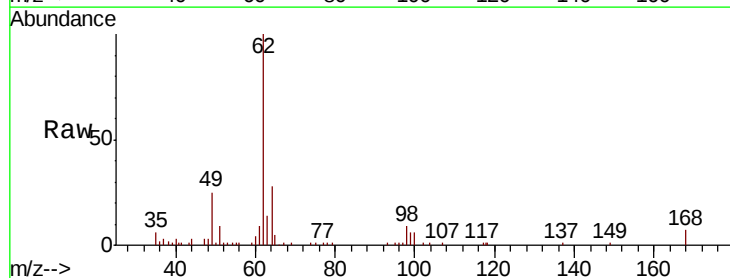
Lab File: VF061340.D

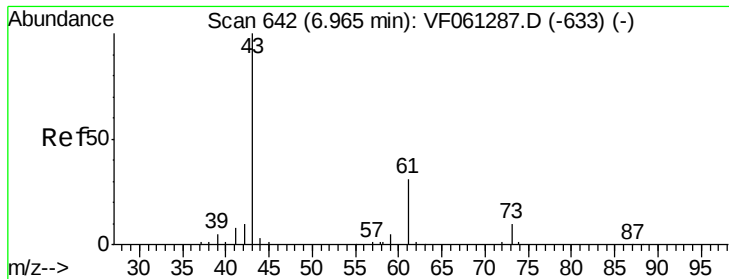
Acq: 10 Jan 2019 13:24

Tgt Ion: 62 Resp: 59503

Ion Ratio Lower Upper

62	100		
98	8.9	0.0	16.8

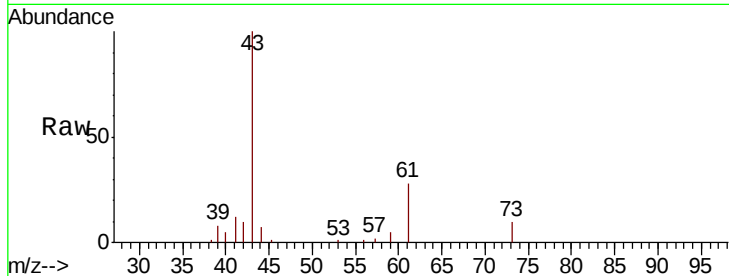




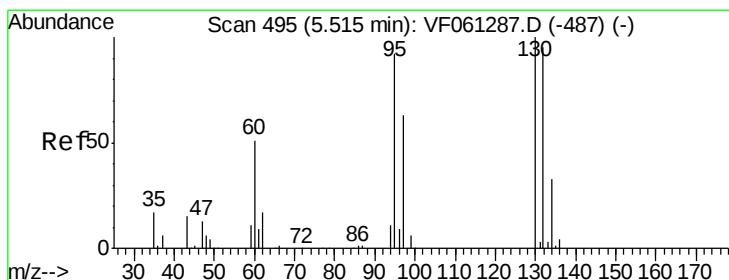
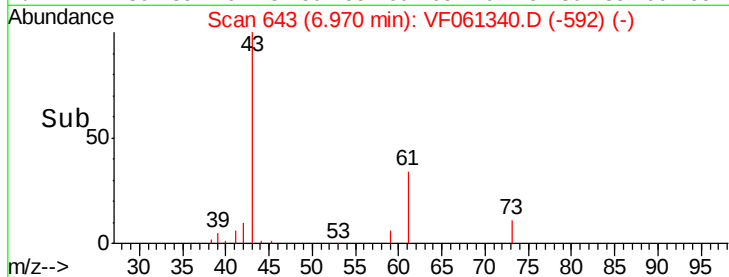
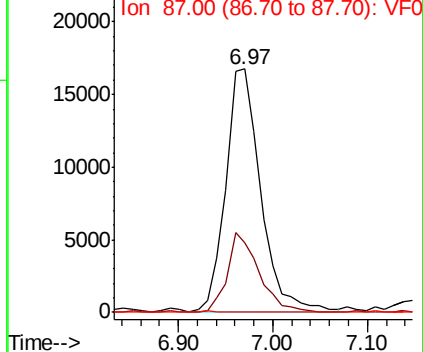
#43

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

Tgt Ion	Ratio	Lower	Upper
43	100		
61	28.4	24.3	36.5
87	0.0	0.2	0.4



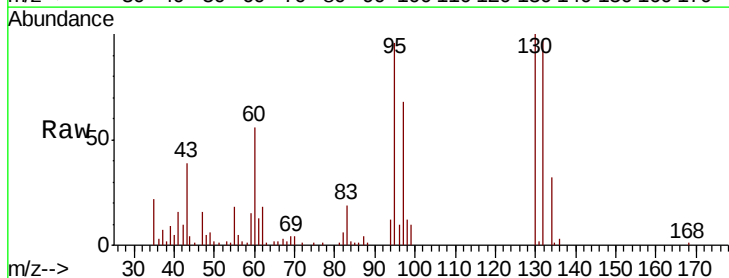
Abundance Ion 43.00 (42.70 to 43.70): VF0
 Ion 61.00 (60.70 to 61.70): VF0
 Ion 87.00 (86.70 to 87.70): VF0



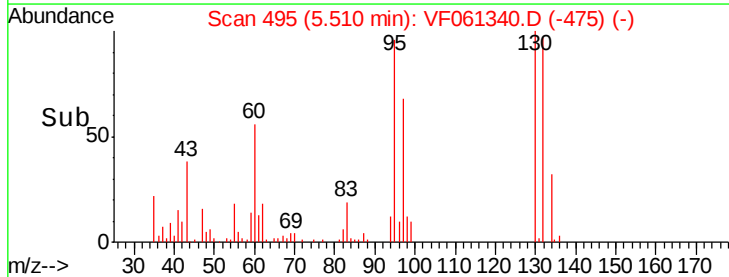
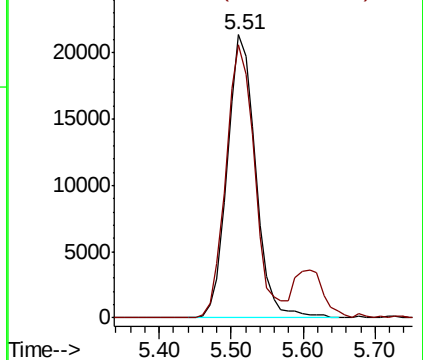
#44

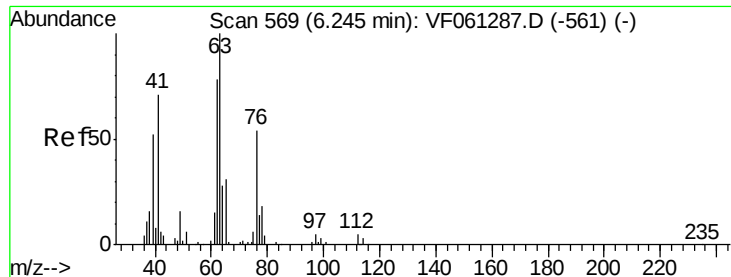
Trichloroethene
 Concen: 21.676 ug/l
 RT: 5.51 min Scan# 495
 Delta R.T. -0.01 min
 Lab File: VF061340.D
 Acq: 10 Jan 2019 13:24

Tgt Ion	Ratio	Lower	Upper
130	100		
95	96.5	0.0	184.4



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





#45

1,2-Dichloropropane

Concen: 20.035 ug/l

RT: 6.24 min Scan# 569

Delta R.T. -0.00 min

Lab File: VF061340.D

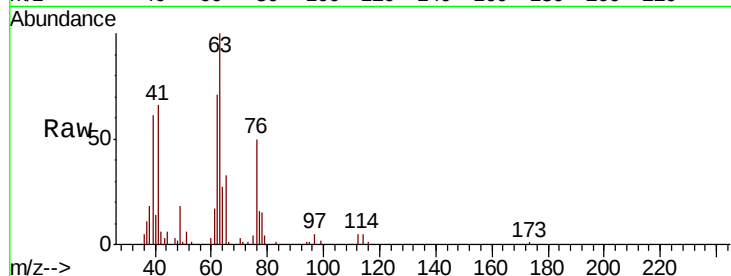
Acq: 10 Jan 2019 13:24

Tgt Ion: 63 Resp: 47009

Ion Ratio Lower Upper

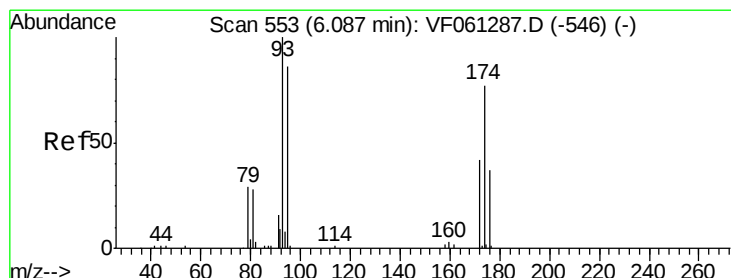
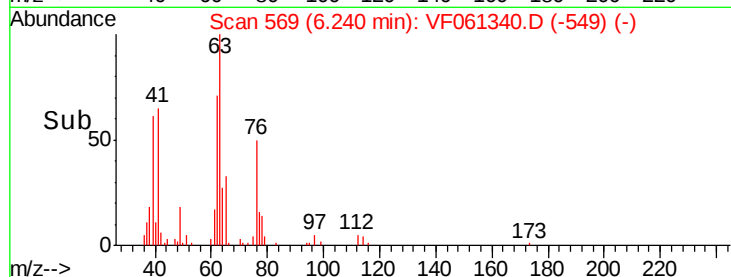
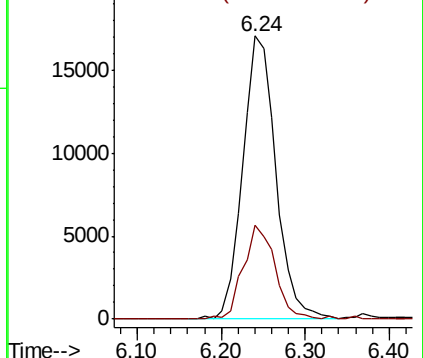
63 100

65 33.1 25.1 37.7



Abundance Ion 63.00 (62.70 to 63.70): VF0

Ion 65.00 (64.70 to 65.70): VF0



#46

Dibromomethane

Concen: 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

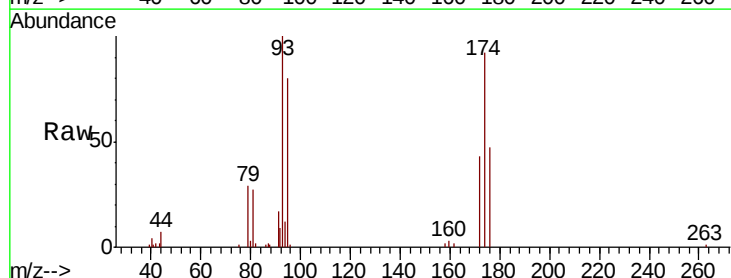
Tgt Ion: 93 Resp: 30599

Ion Ratio Lower Upper

93 100

95 79.7 68.8 103.2

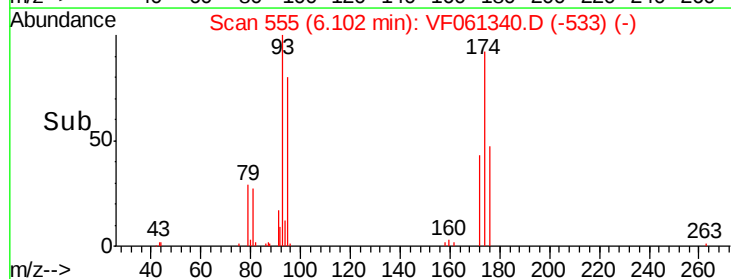
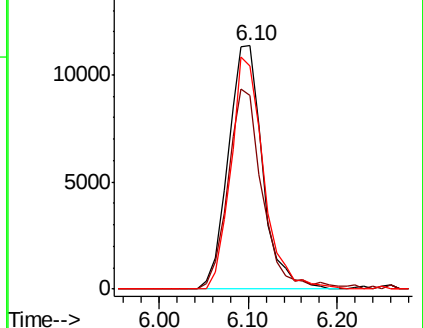
174 91.7 62.9 94.3

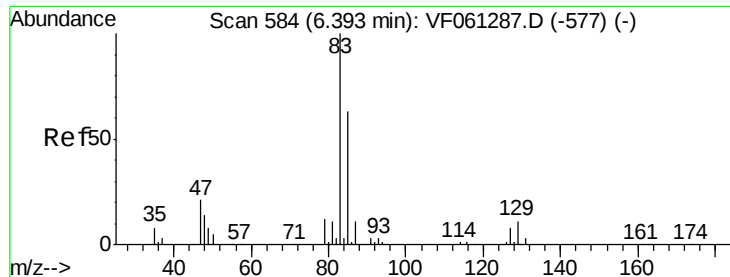


Abundance Ion 93.00 (92.70 to 93.70): VF0

Ion 95.00 (94.70 to 95.70): VF0

Ion 174.00 (173.70 to 174.70): V





#47

Bromodichloromethane

Concen: 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

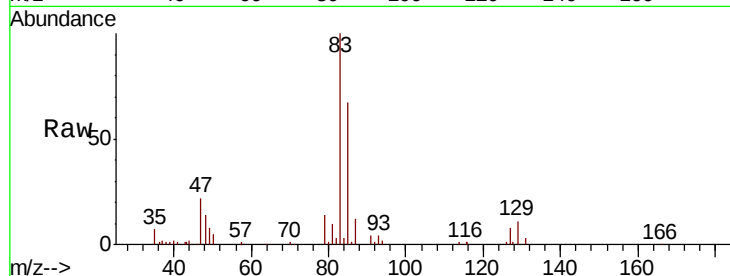
Tgt Ion: 83 Resp: 74642

Ion	Ratio	Lower	Upper
83	100		
85	66.8	50.4	75.6
127	8.7	6.4	9.6

83 100

85 66.8 50.4 75.6

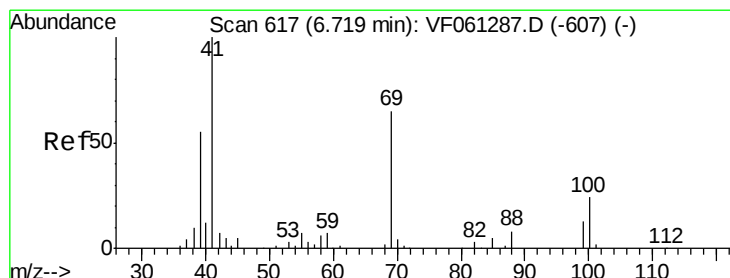
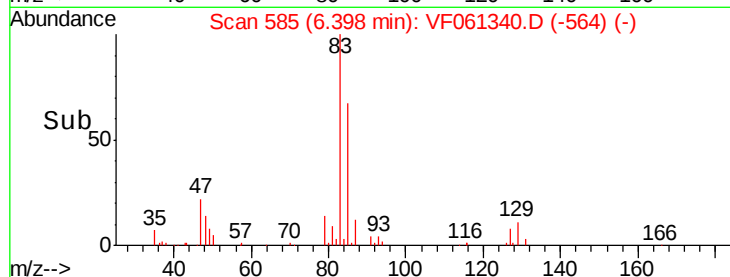
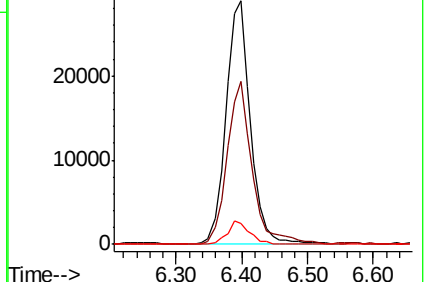
127 8.7 6.4 9.6



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

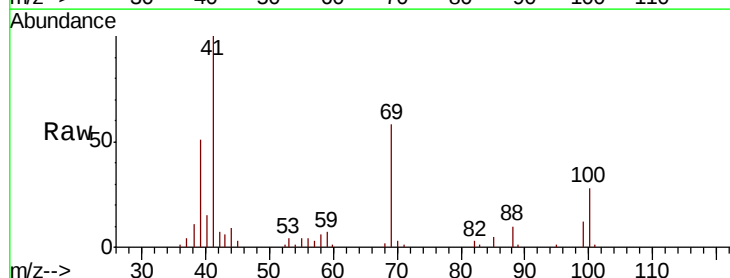
Tgt Ion: 41 Resp: 29036

Ion	Ratio	Lower	Upper
41	100		
69	58.0	51.5	77.3
39	50.6	44.1	66.1

41 100

69 58.0 51.5 77.3

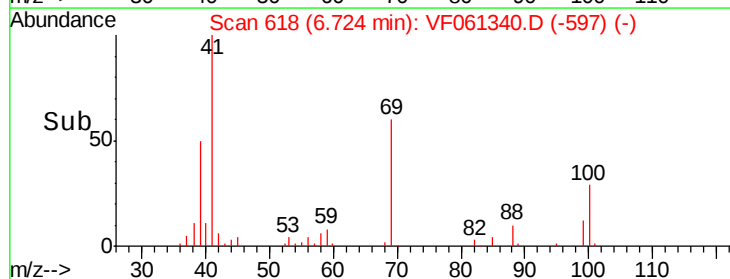
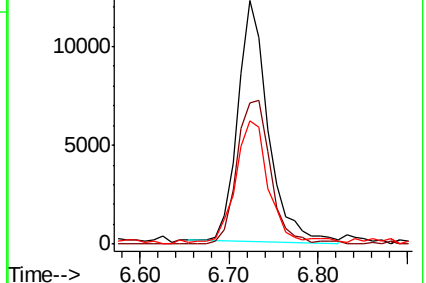
39 50.6 44.1 66.1

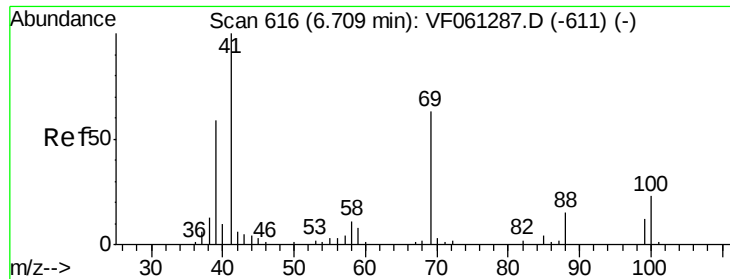


Abundance Ion 41.00 (40.70 to 41.70): VF0

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

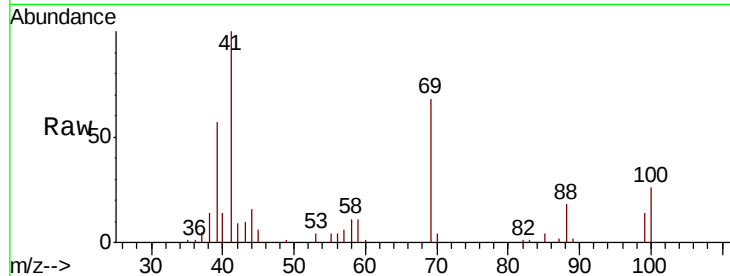
Tgt Ion: 88 Resp: 3544

Ion Ratio Lower Upper

88 100

43 58.2 38.5 57.7#

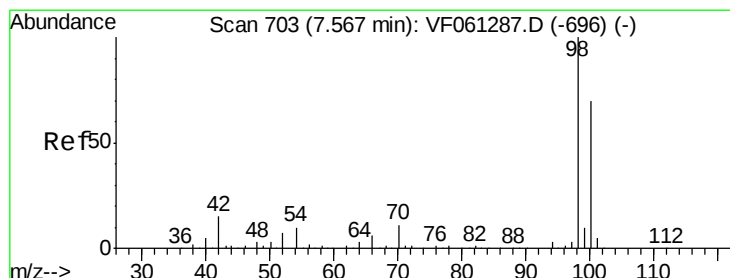
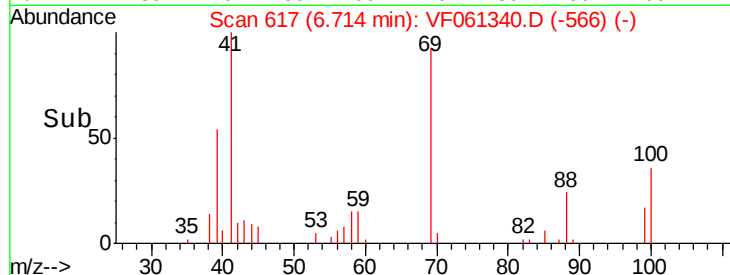
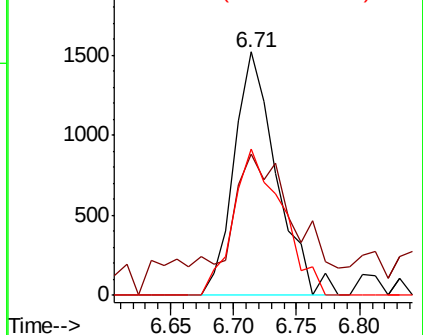
58 60.0 57.0 85.4



Abundance Ion 88.00 (87.70 to 88.70): VF0

Ion 43.00 (42.70 to 43.70): VF0

Ion 58.00 (57.70 to 58.70): VF0



#50

Toluene-d8

Concen: 49.261 ug/l

RT: 7.56 min Scan# 703

Delta R.T. -0.00 min

Lab File: VF061340.D

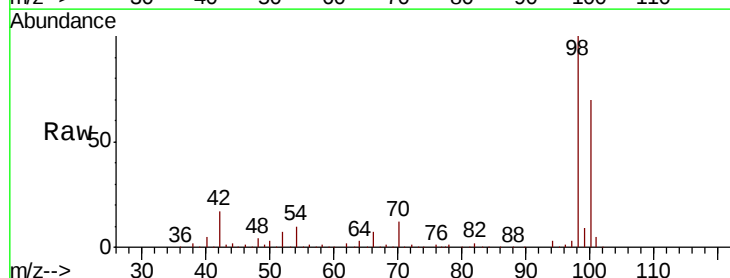
Acq: 10 Jan 2019 13:24

Tgt Ion: 98 Resp: 377491

Ion Ratio Lower Upper

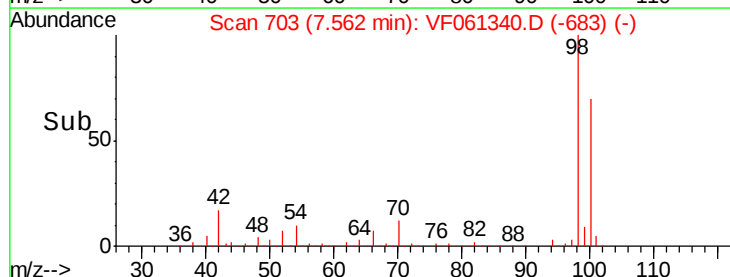
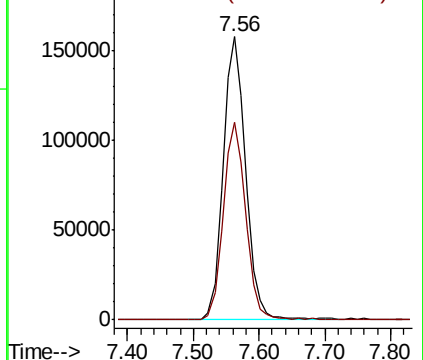
98 100

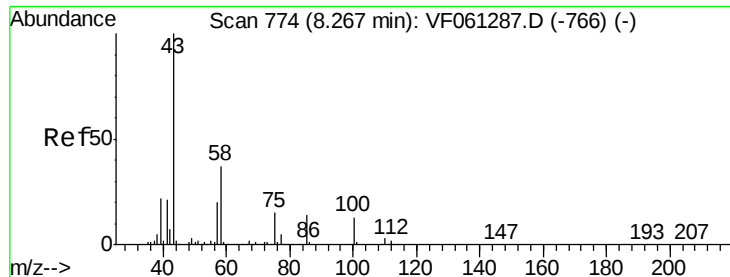
100 70.0 55.6 83.4



Abundance Ion 98.00 (97.70 to 98.70): VF0

Ion 100.00 (99.70 to 100.70): VF0





#51

4-Methyl-2-Pentanone

Concen: 112.351 ug/l

RT: 8.26 min Scan# 774

Delta R.T. -0.01 min

Lab File: VF061340.D

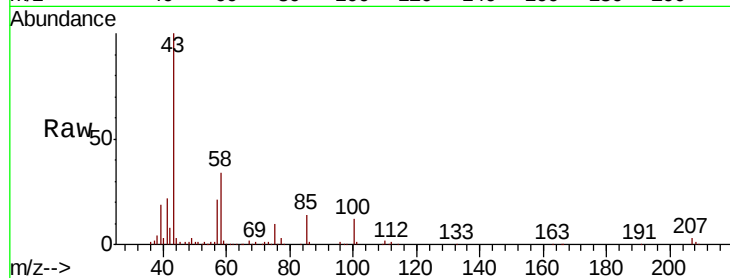
Acq: 10 Jan 2019 13:24

Tgt 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

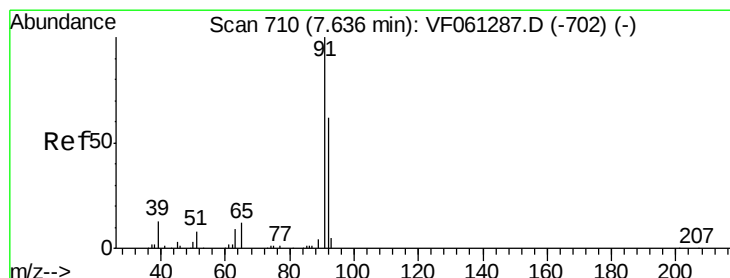
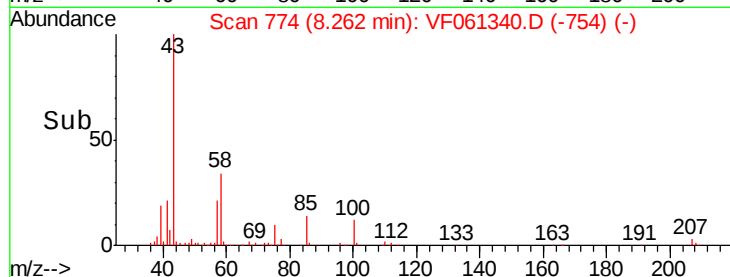
40000

20000

0

Time-->

8.20 8.30 8.40



#52

Toluene

Concen: 20.070 ug/l

RT: 7.63 min Scan# 710

Delta R.T. -0.01 min

Lab File: VF061340.D

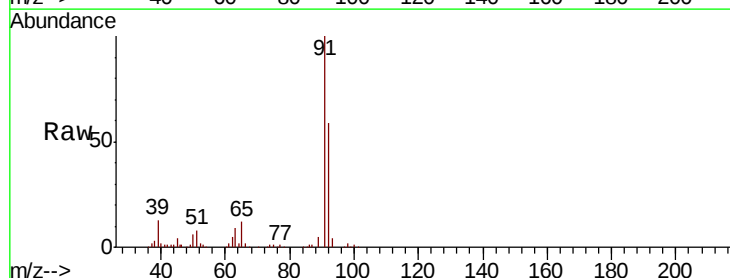
Acq: 10 Jan 2019 13:24

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

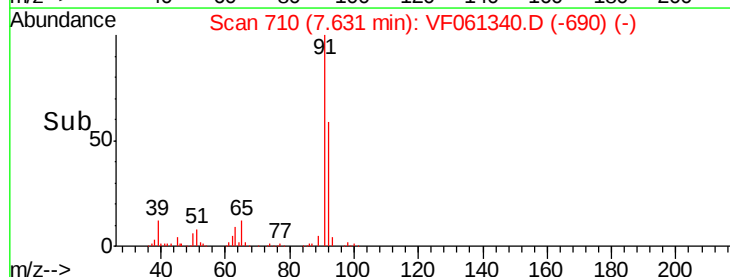
40000

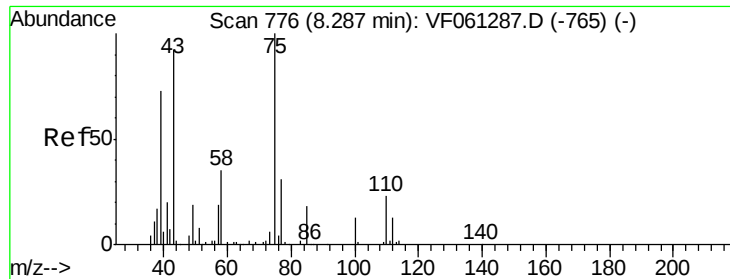
20000

0

Time-->

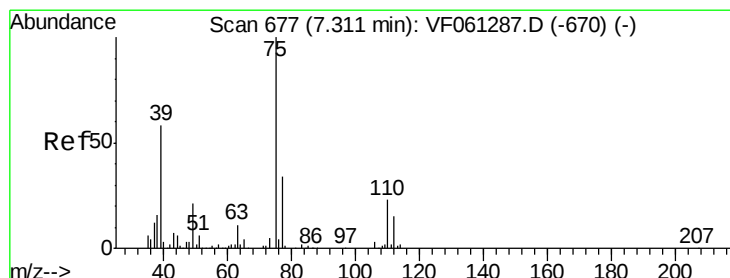
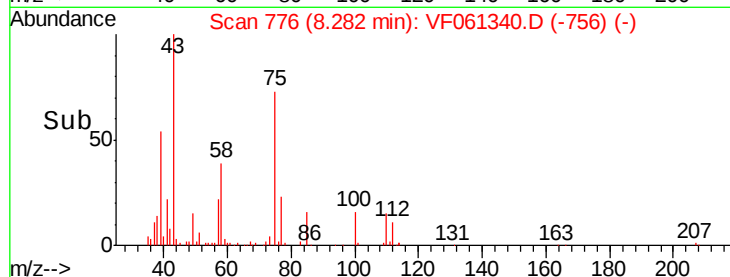
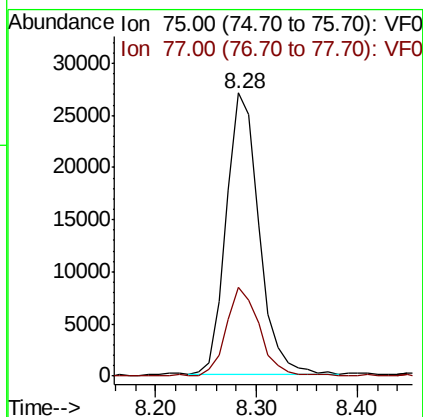
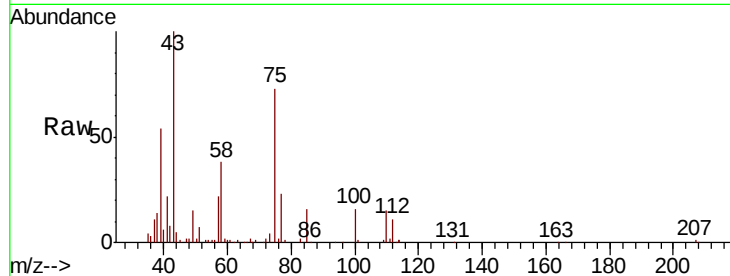
7.50 7.60 7.70





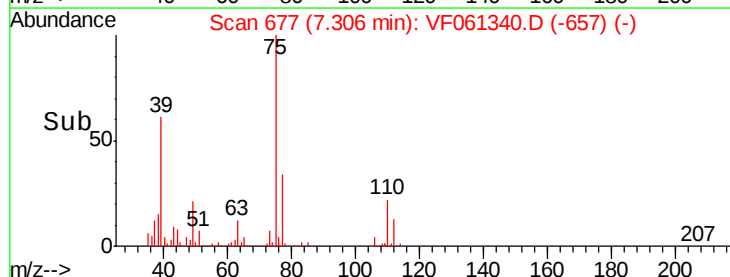
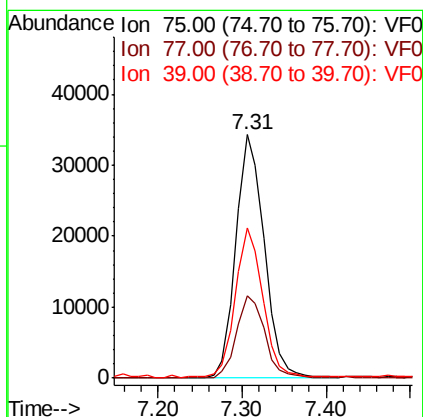
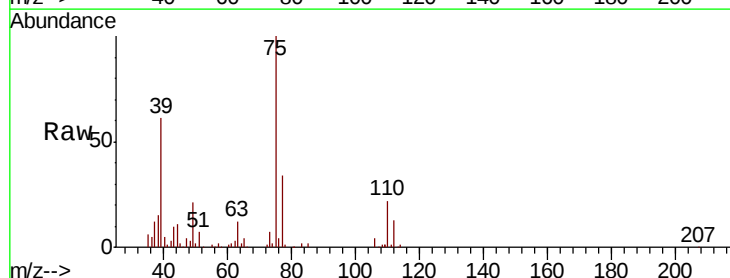
#53
t-1,3-Dichloropropene
Concen: 21.606 ug/l
RT: 8.28 min Scan# 776
Delta R.T. -0.00 min
Lab File: VF061340.D
Acq: 10 Jan 2019 13:24

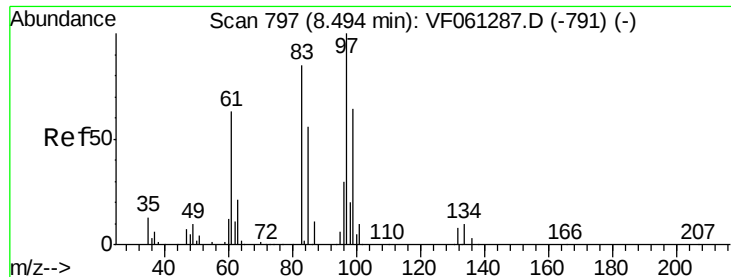
Tgt Ion: 75 Resp: 60792
Ion Ratio Lower Upper
75 100
77 31.3 24.7 37.1



#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

Tgt Ion: 97 Resp: 36970

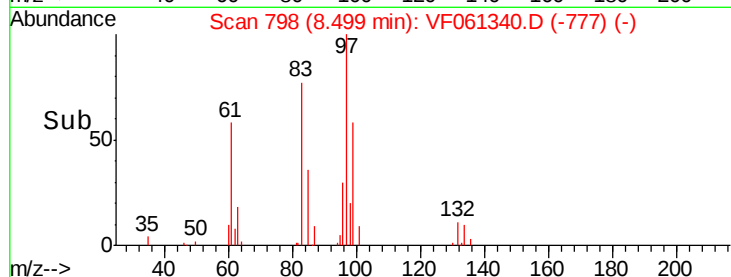
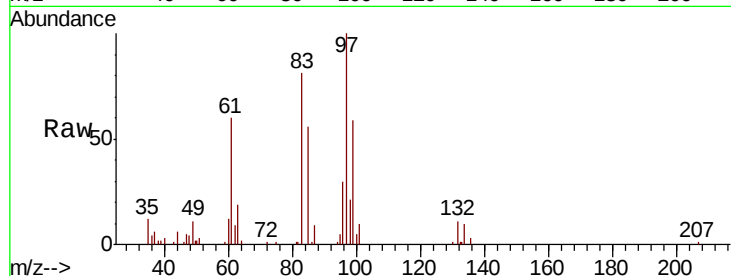
Ion	Ratio	Lower	Upper
97	100		
83	81.5	67.8	101.6
85	55.8	45.1	67.7
99	59.3	51.0	76.6

97 100

83 81.5 67.8 101.6

85 55.8 45.1 67.7

99 59.3 51.0 76.6



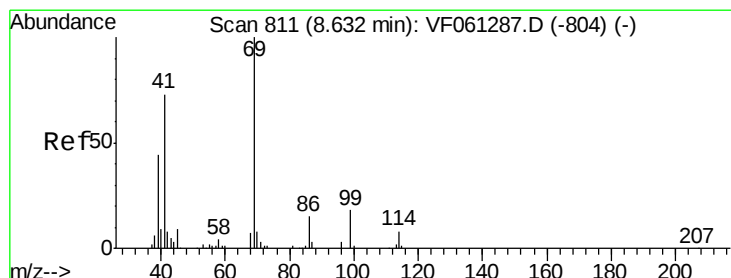
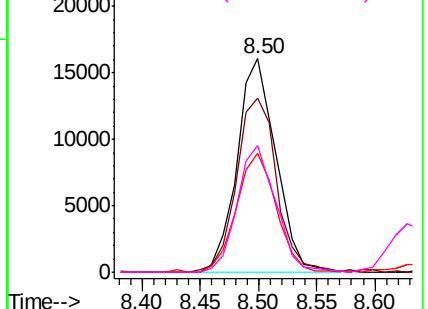
Abundance

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

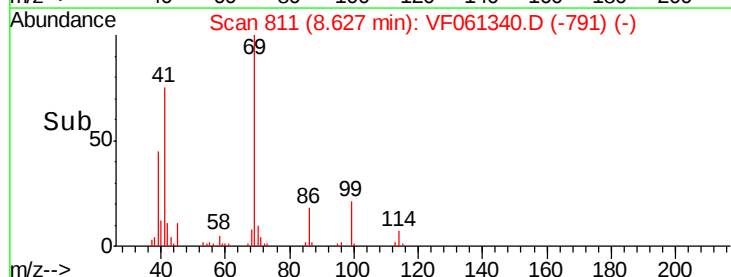
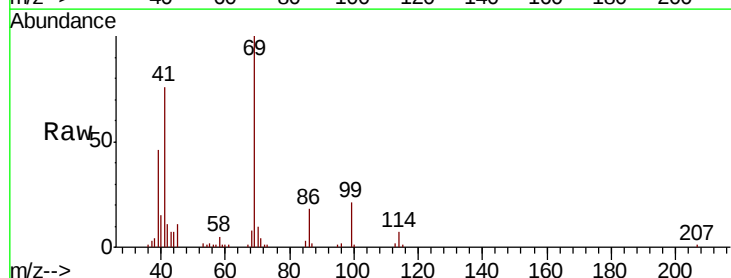
Tgt Ion: 69 Resp: 41270

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

69 100

41 76.3 59.0 88.4

39 46.3 35.3 52.9

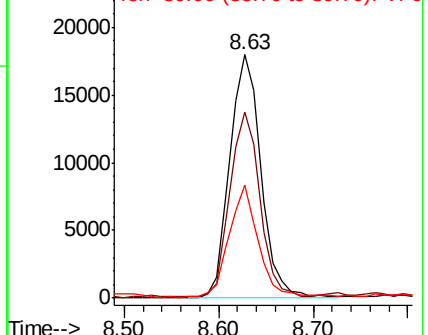


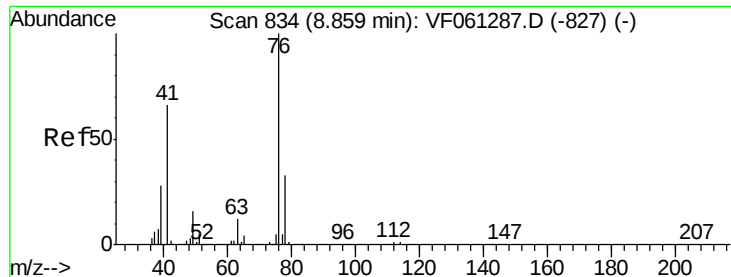
Abundance

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

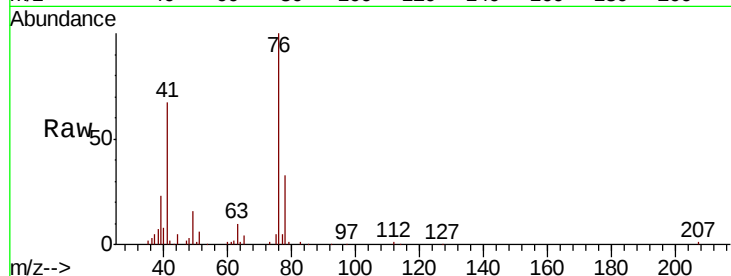
Acq: 10 Jan 2019 13:24

Tgt Ion: 76 Resp: 66147

Ion Ratio Lower Upper

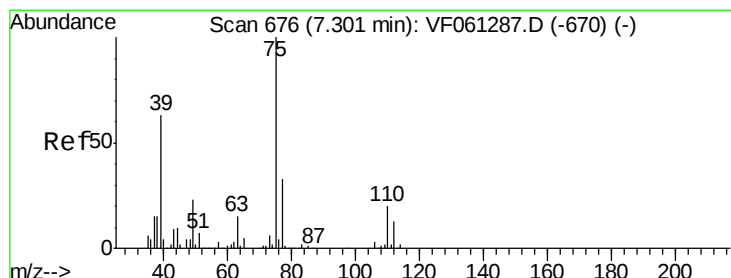
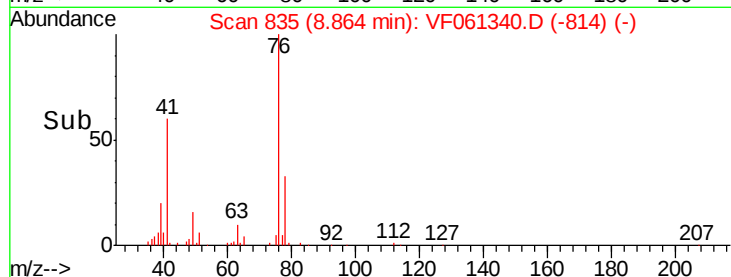
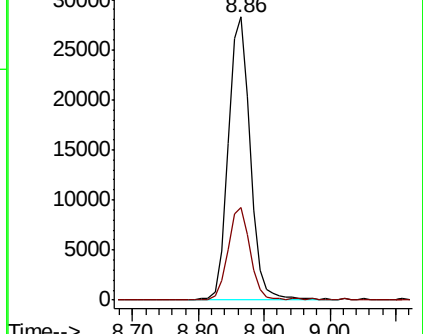
76 100

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

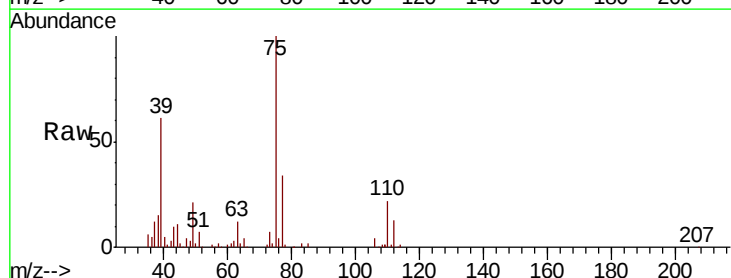
Acq: 10 Jan 2019 13:24

Tgt Ion: 63 Resp: 9802

Ion Ratio Lower Upper

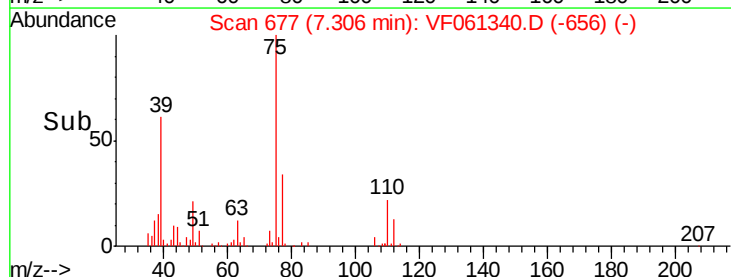
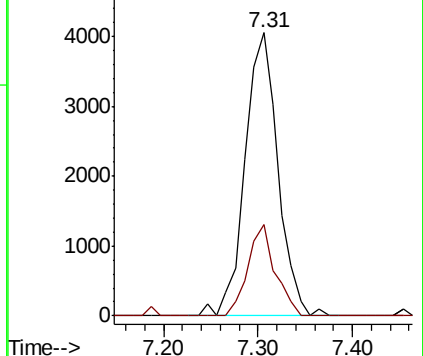
63 100

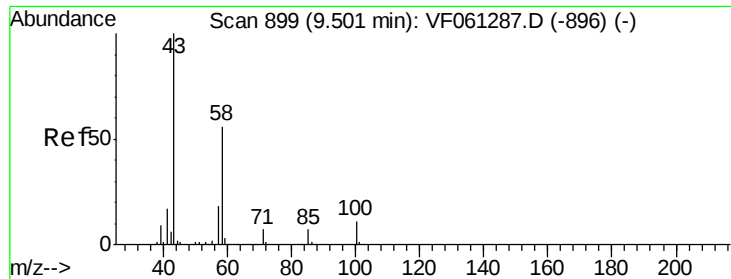
106 32.1 16.5 24.7#



Abundance Ion 63.00 (62.70 to 63.70): VF0

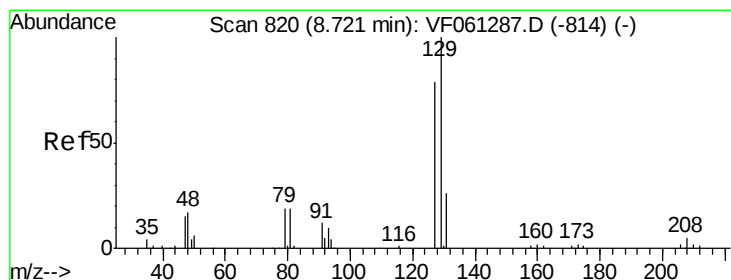
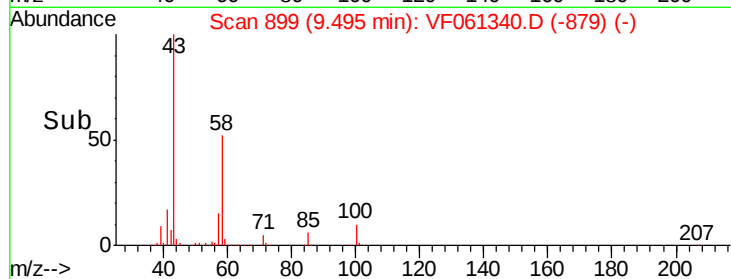
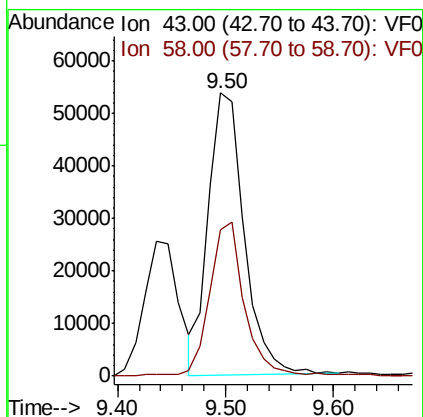
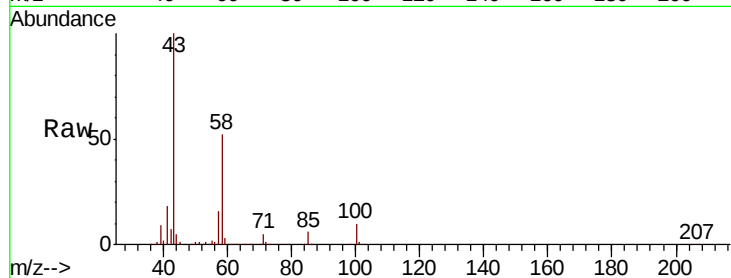
Ion 106.00 (105.70 to 106.70): V





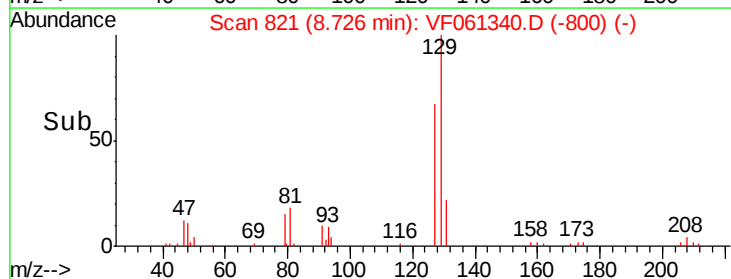
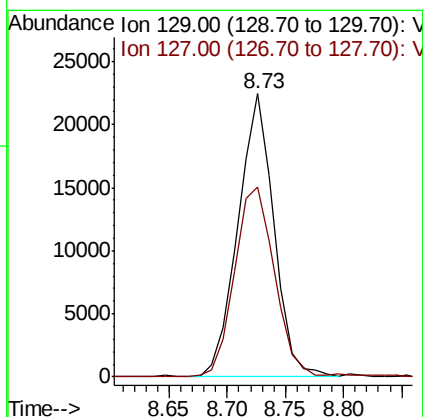
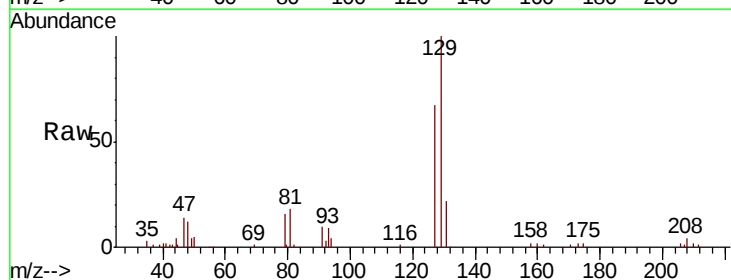
#59
2-Hexanone
Concen: 121.713 ug/l
RT: 9.50 min Scan# 899
Delta R.T. -0.01 min
Lab File: VF061340.D
Acq: 10 Jan 2019 13:24

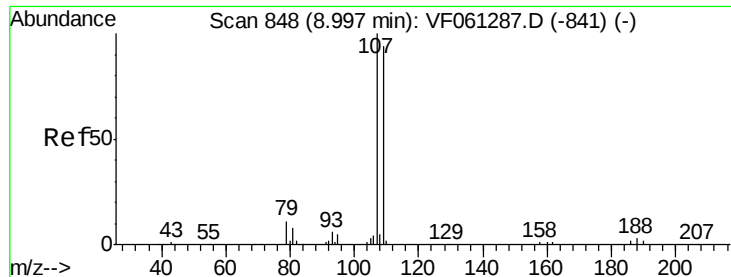
Tgt Ion: 43 Resp: 123665
Ion Ratio Lower Upper
43 100
58 51.5 25.6 76.8



#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

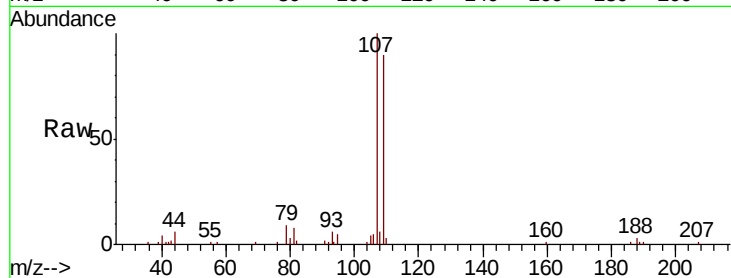
Acq: 10 Jan 2019 13:24

Tgt Ion: 107 Resp: 38244

Ion Ratio Lower Upper

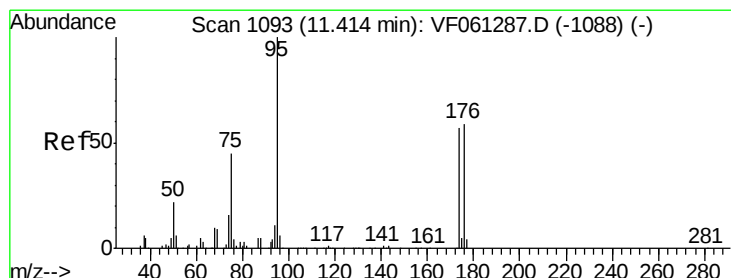
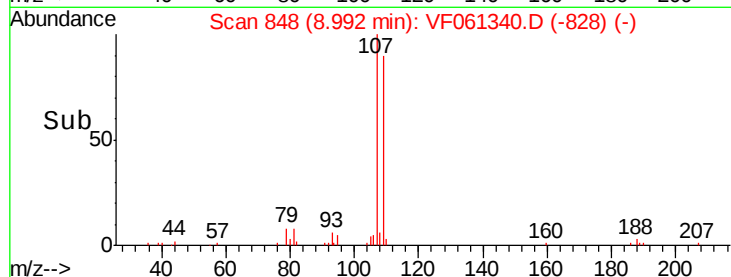
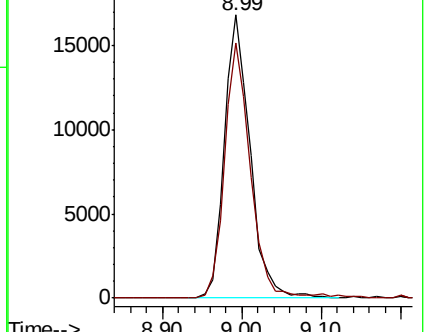
107 100

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

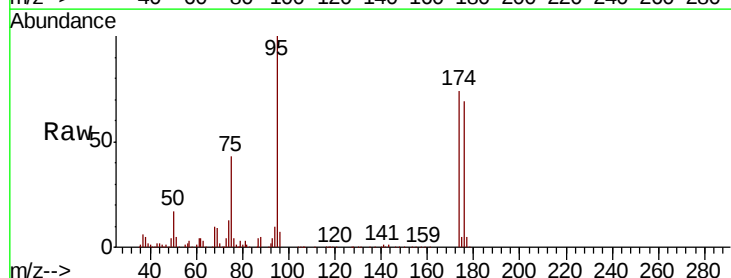
Tgt Ion: 95 Resp: 174298

Ion Ratio Lower Upper

95 100

174 73.8 0.0 114.2

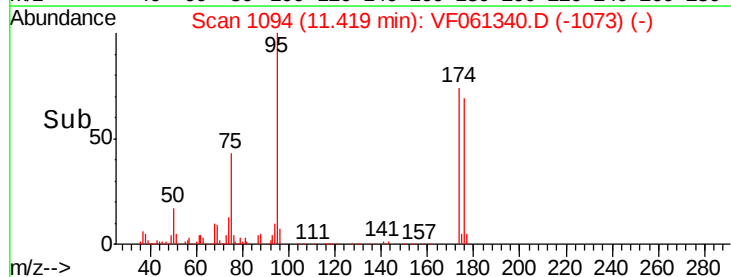
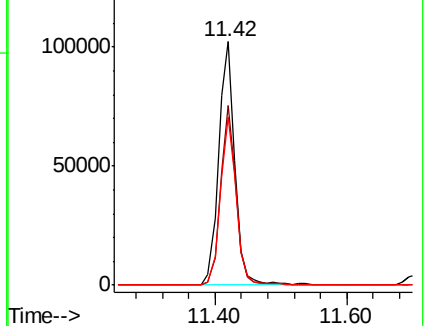
176 69.0 0.0 117.8

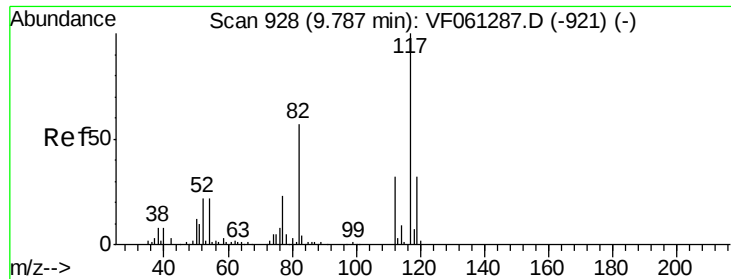


Abundance Ion 95.00 (94.70 to 95.70): VF0

Ion 174.00 (173.70 to 174.70): V

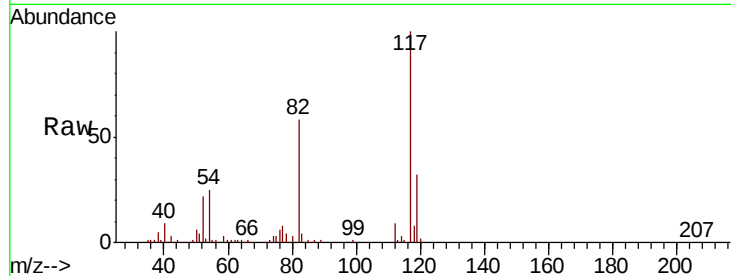
Ion 176.00 (175.70 to 176.70): V



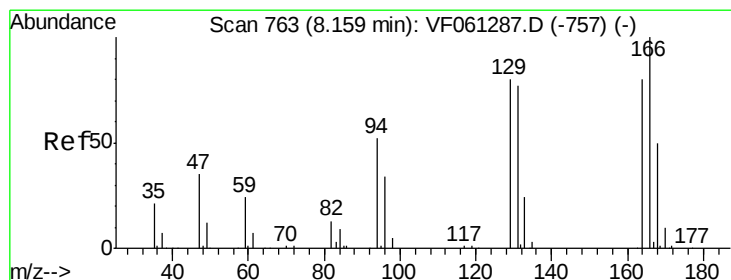
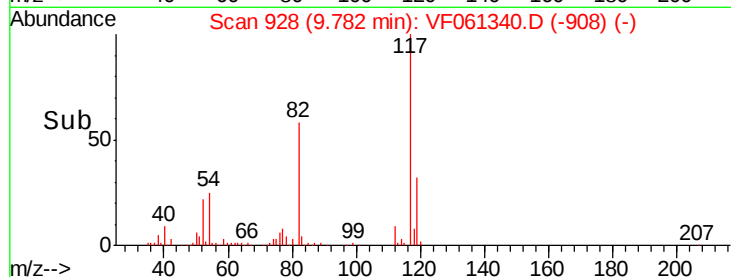
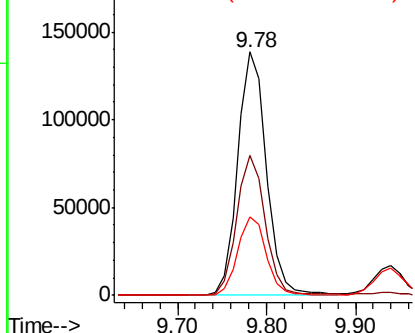


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.78 min Scan# 928
Delta R.T. -0.01 min
Lab File: VF061340.D
Acq: 10 Jan 2019 13:24

Tgt Ion	Ratio	Lower	Upper
117	100		
82	57.7	45.3	67.9
119	32.1	25.4	38.0

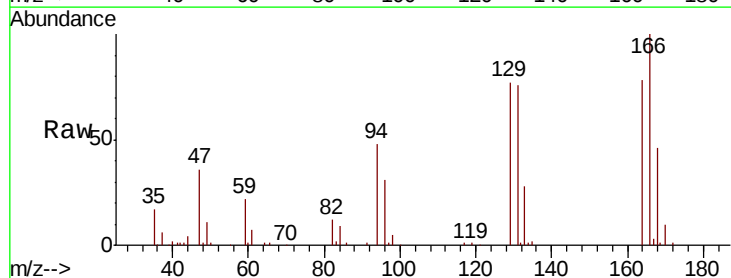


Abundance Ion 117.00 (116.70 to 117.70): V
Ion 82.00 (81.70 to 82.70): VF0
Ion 119.00 (118.70 to 119.70): V

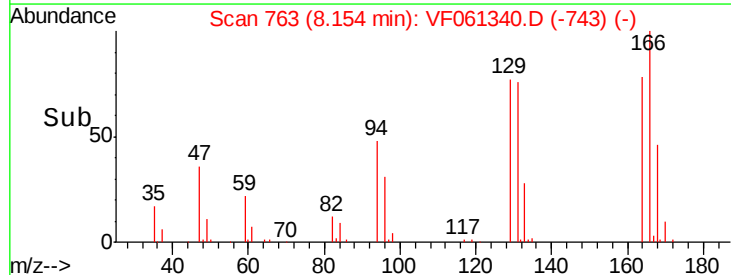
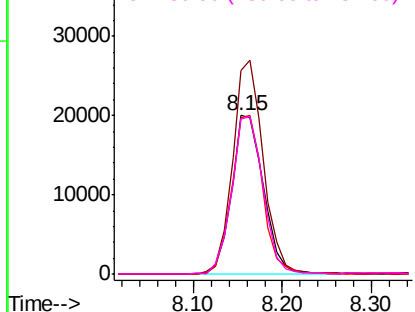


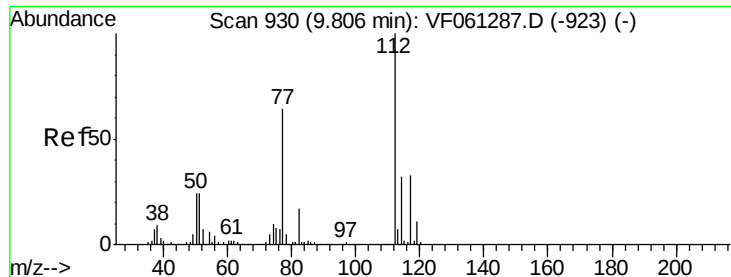
#64
Tetrachloroethene
Concen: 21.985 ug/l
RT: 8.15 min Scan# 763
Delta R.T. -0.01 min
Lab File: VF061340.D
Acq: 10 Jan 2019 13:24

Tgt Ion	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

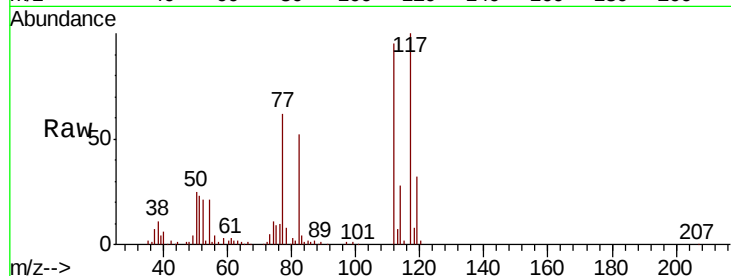
Acq: 10 Jan 2019 13:24

Tgt Ion:112 Resp: 131806

Ion Ratio Lower Upper

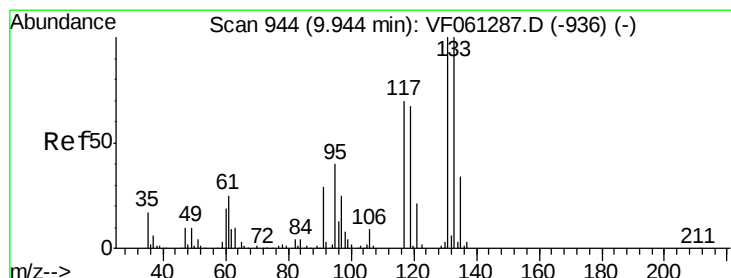
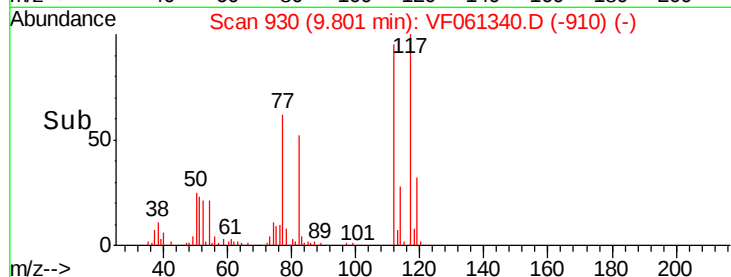
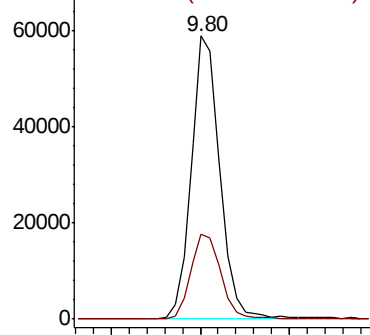
112 100

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

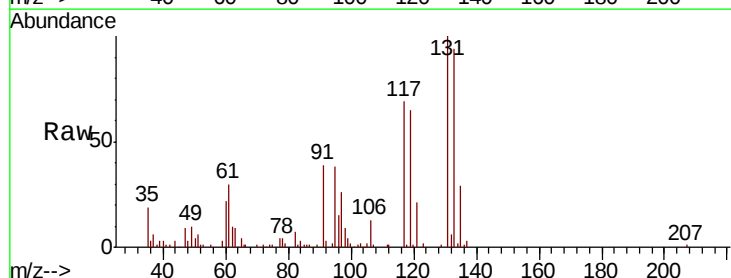
Tgt Ion:131 Resp: 52194

Ion Ratio Lower Upper

131 100

133 93.7 49.9 149.6

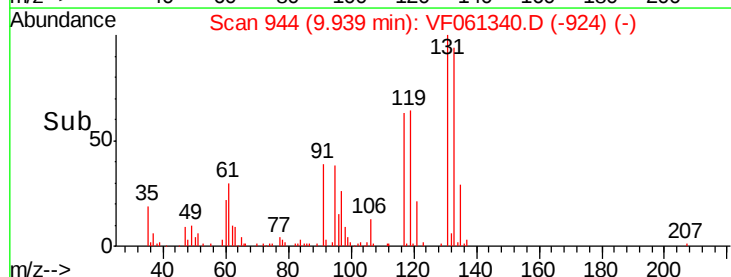
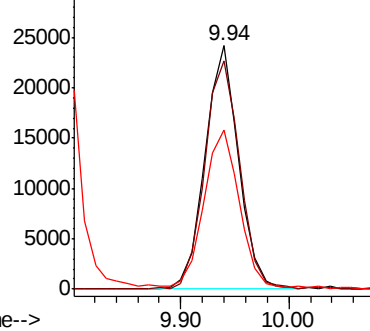
119 65.5 33.9 101.6

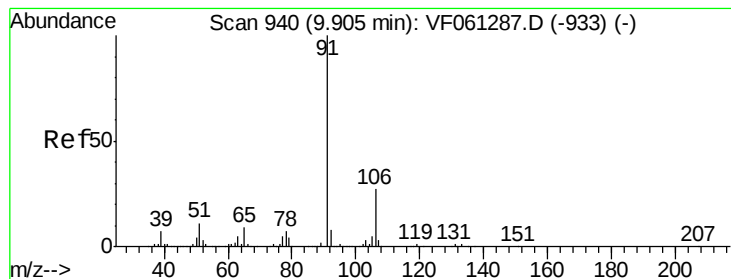


Abundance Ion 131.00 (130.70 to 131.70): V

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

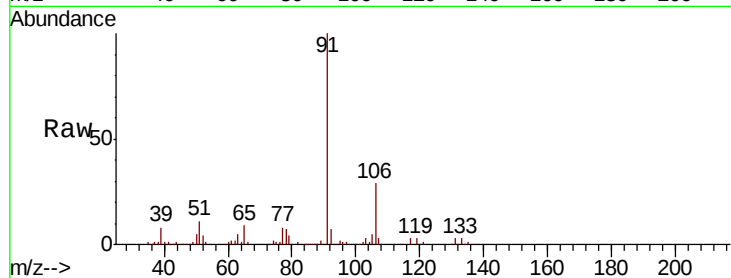
Acq: 10 Jan 2019 13:24

Tgt 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

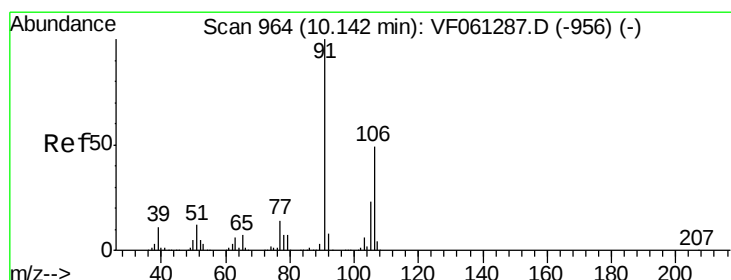
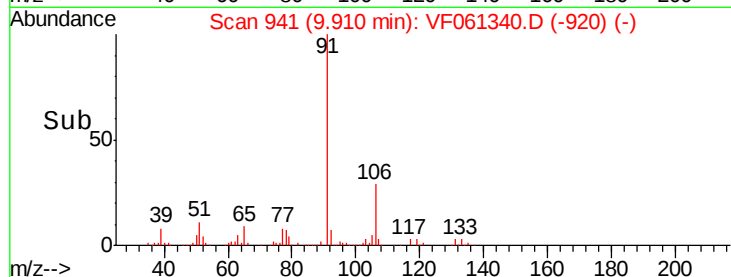
9.91

100000

50000

0

Time-->



#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

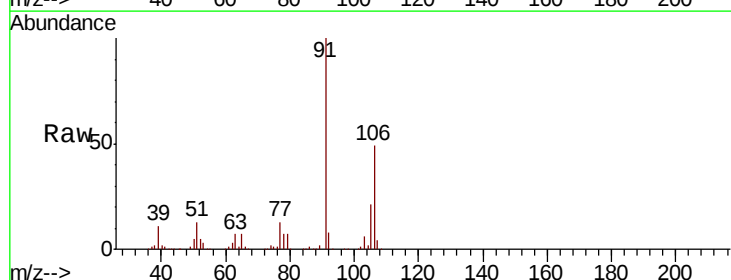
Acq: 10 Jan 2019 13:24

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

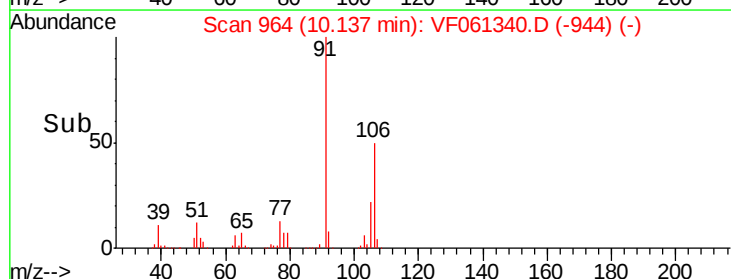
150000

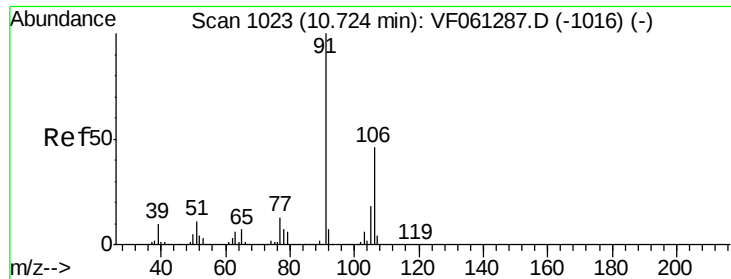
100000

50000

0

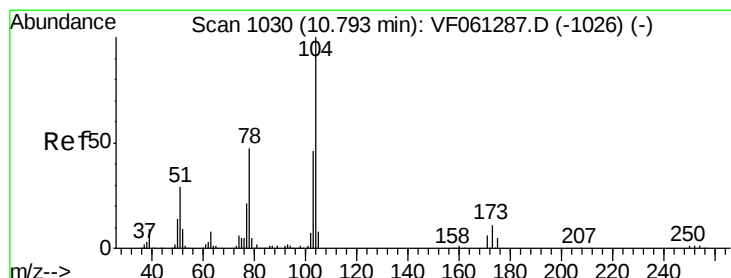
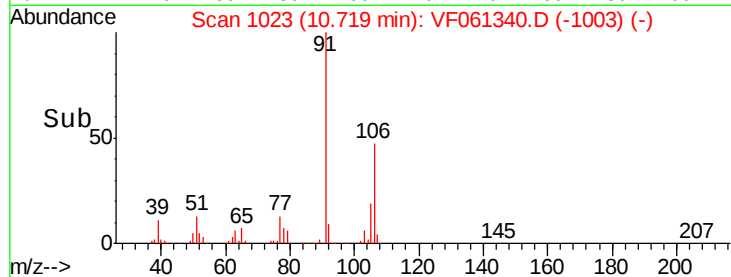
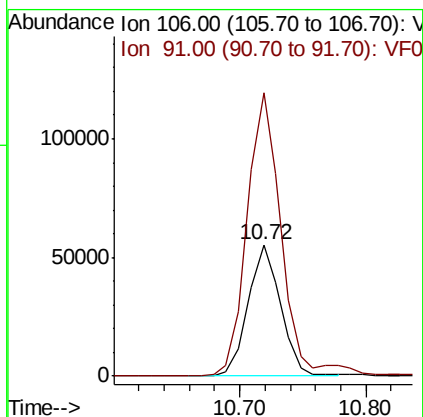
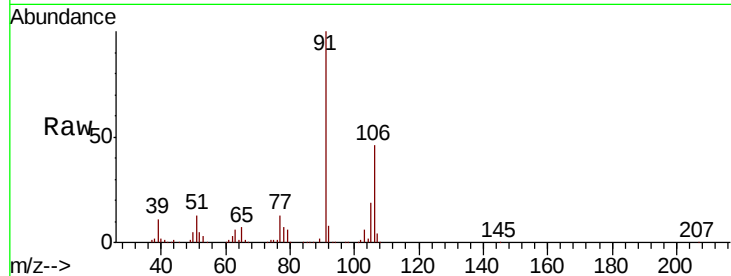
Time-->





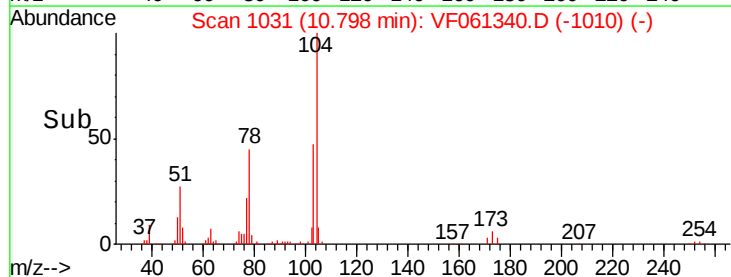
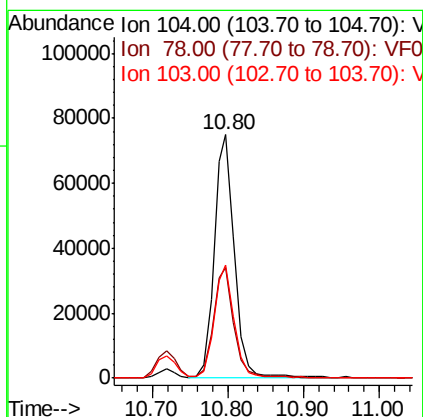
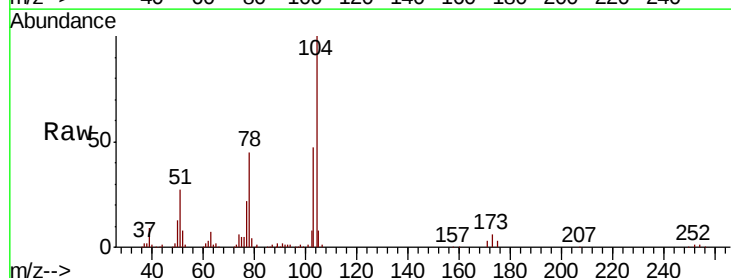
#69
o-Xylene
Concen: 21.200 ug/l
RT: 10.72 min Scan# 1023
Delta R.T. -0.00 min
Lab File: VF061340.D
Acq: 10 Jan 2019 13:24

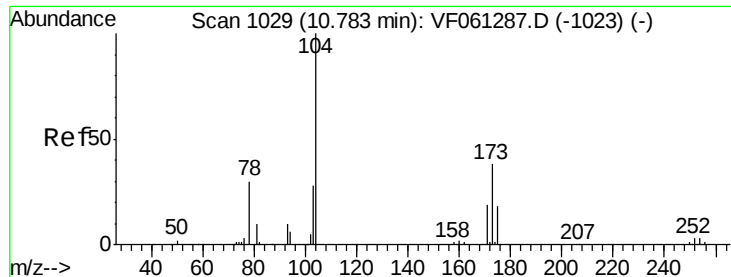
Tgt Ion:106 Resp: 99803
Ion Ratio Lower Upper
106 100
91 215.4 108.1 324.4



#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





#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

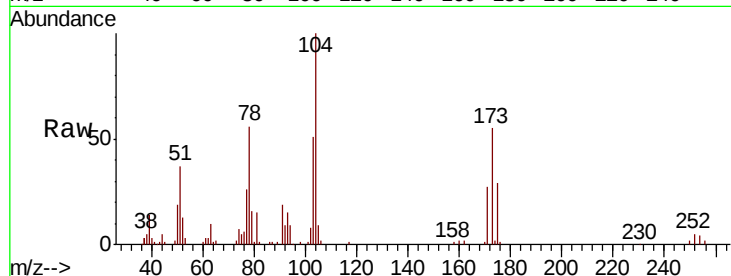
Tgt Ion:173 Resp: 24546

Ion Ratio Lower Upper

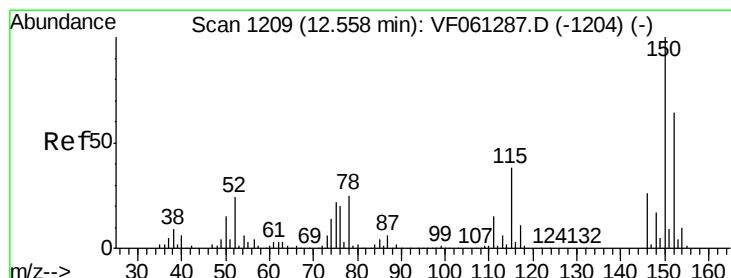
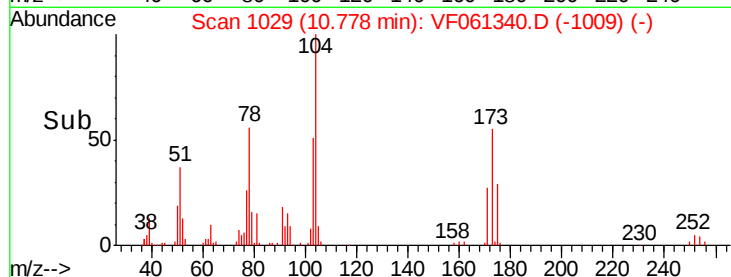
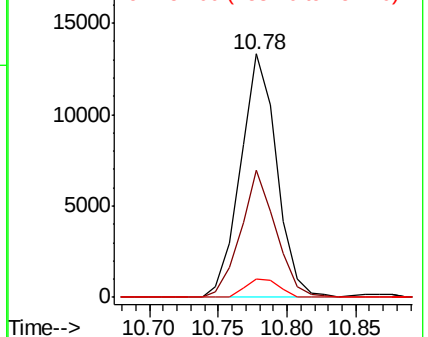
173 100

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

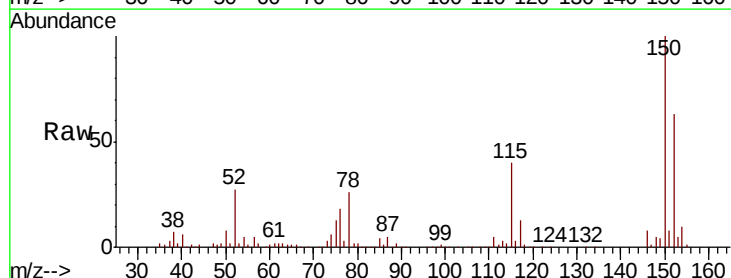
Tgt Ion:152 Resp: 162344

Ion Ratio Lower Upper

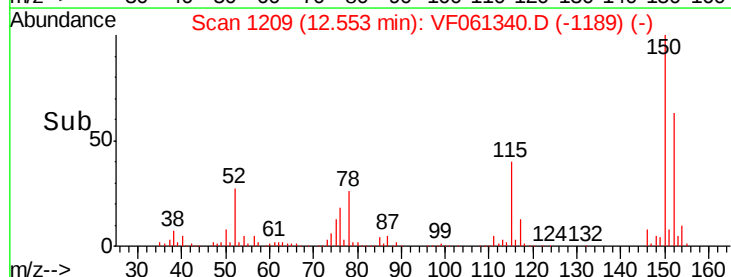
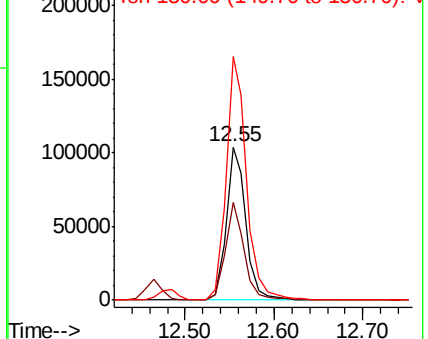
152 100

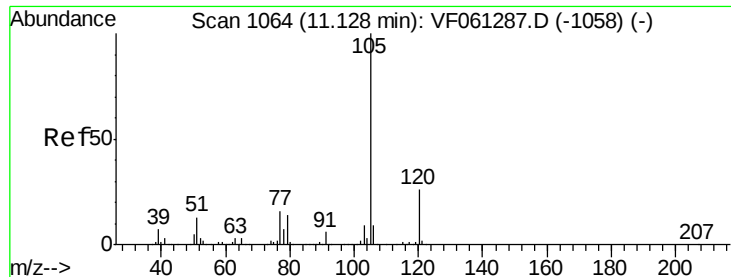
115 63.8 29.6 88.9

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

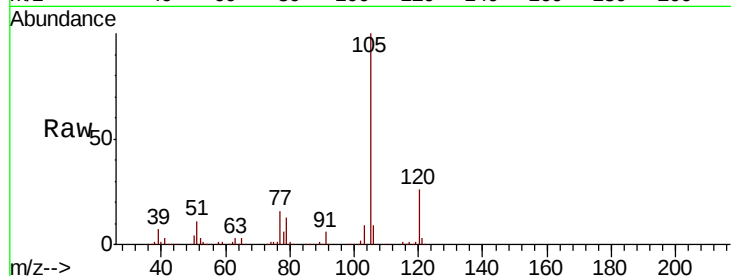
Acq: 10 Jan 2019 13:24

Tgt 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

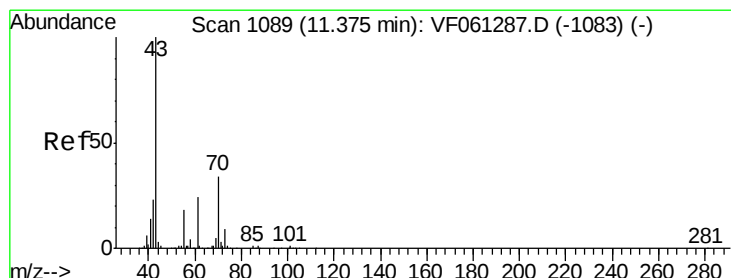
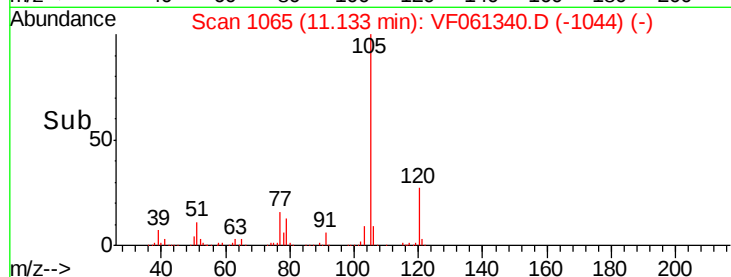
50000

0

11.13

11.10 11.120

Time-->



#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

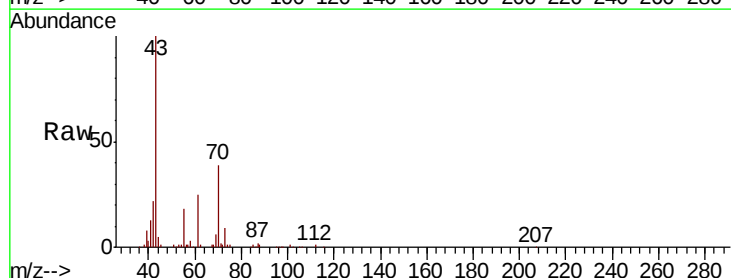
Ion Ratio Lower Upper

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

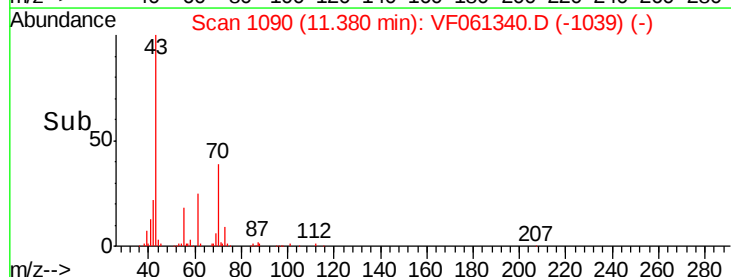
20000

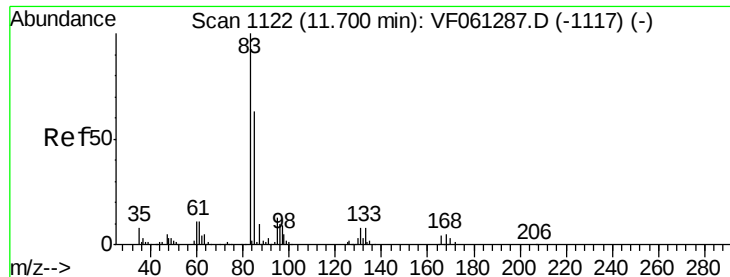
0

11.38

11.30 11.40 11.50

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 22.232 ug/l

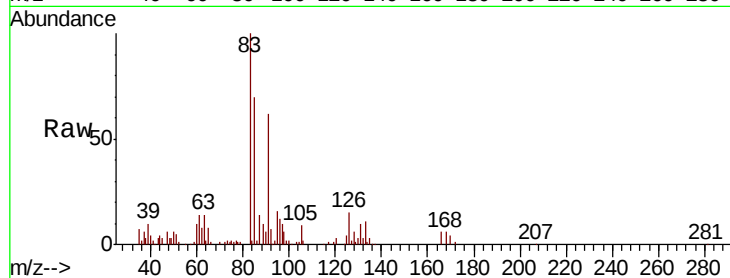
RT: 11.71 min Scan# 1123

Delta R.T. 0.00 min

Lab File: VF061340.D

Acq: 10 Jan 2019 13:24

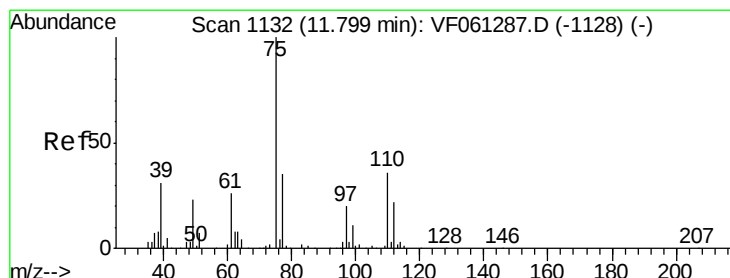
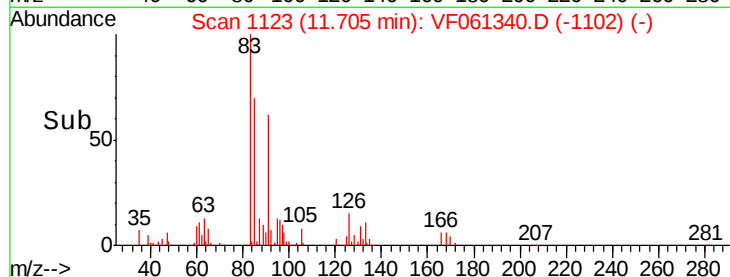
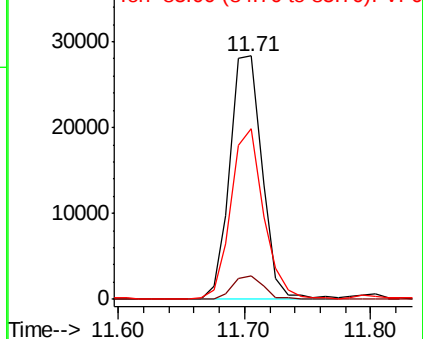
Tgt Ion:	83	Resp:	50357
Ion	Ratio	Lower	Upper
83	100		
131	9.7	3.9	11.7
85	70.3	31.6	94.7



Abundance Ion 83.00 (82.70 to 83.70): VF0

Ion 131.00 (130.70 to 131.70): V

Ion 85.00 (84.70 to 85.70): VF0



#76

1,2,3-Trichloropropane

Concen: 22.104 ug/l

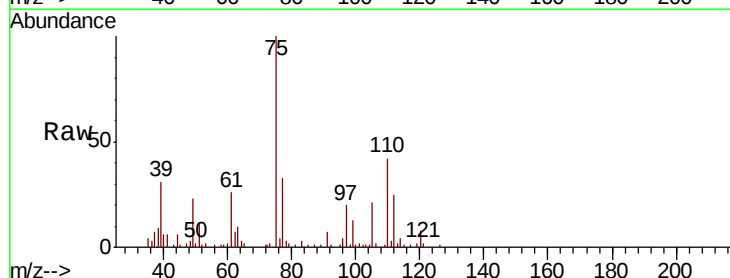
RT: 11.80 min Scan# 1133

Delta R.T. 0.00 min

Lab File: VF061340.D

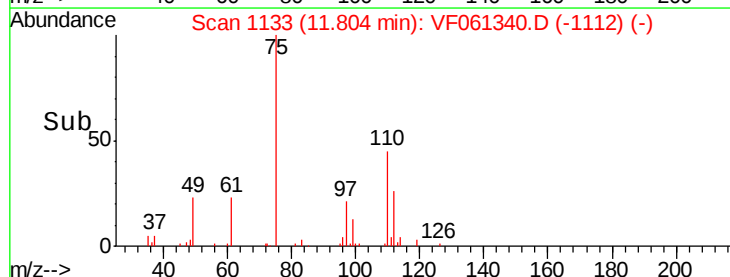
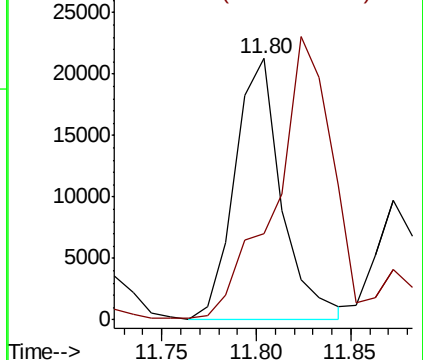
Acq: 10 Jan 2019 13:24

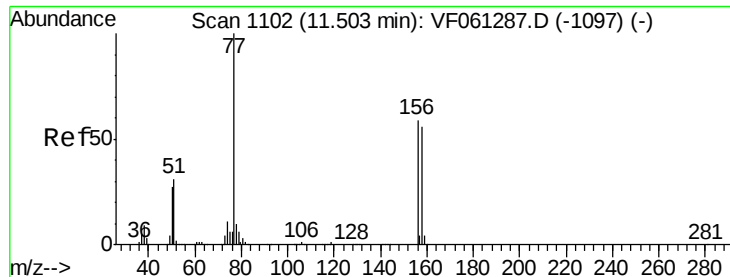
Tgt Ion:	75	Resp:	36721
Ion	Ratio	Lower	Upper
75	100		
77	33.1	17.5	52.5



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

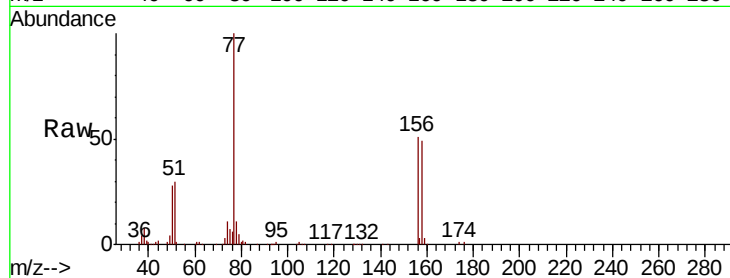
Tgt Ion: 156 Resp: 59593

Ion Ratio Lower Upper

156 100

77 194.2 84.3 252.9

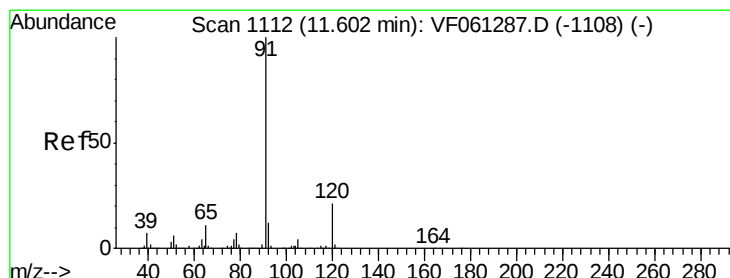
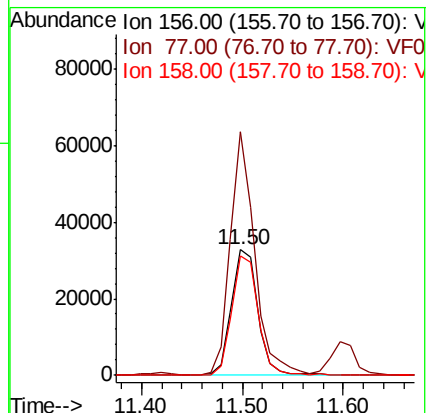
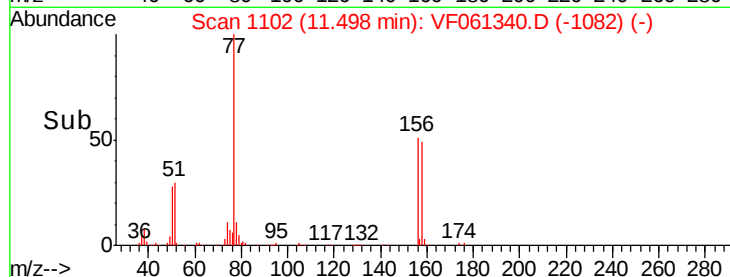
158 95.1 47.1 141.3



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

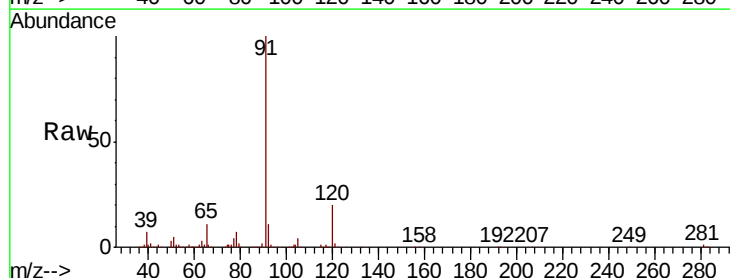
Acq: 10 Jan 2019 13:24

Tgt Ion: 91 Resp: 362731

Ion Ratio Lower Upper

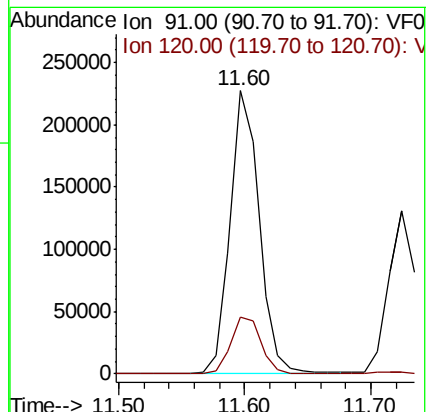
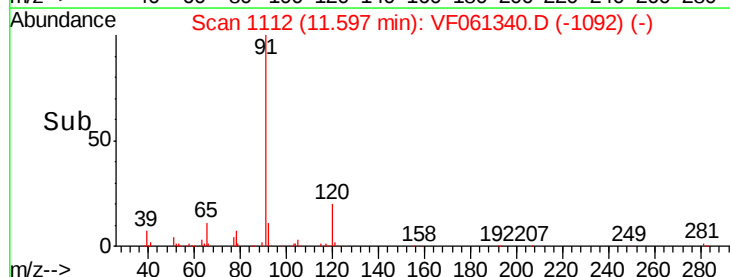
91 100

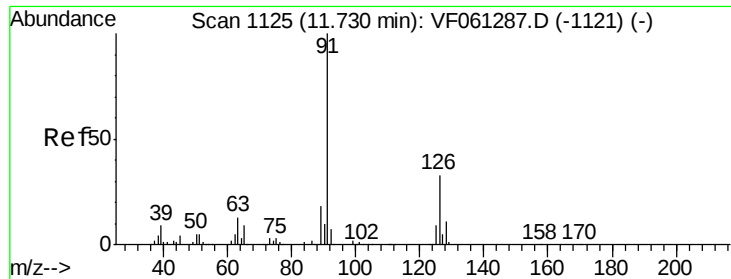
120 20.2 10.7 32.1



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

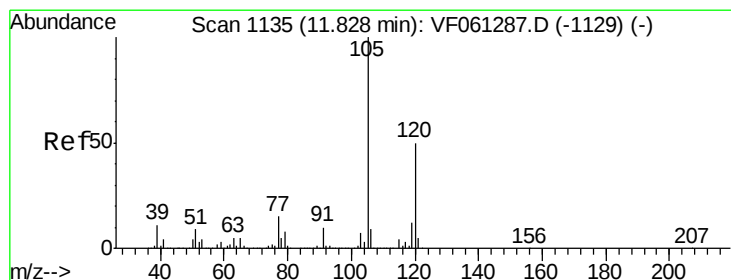
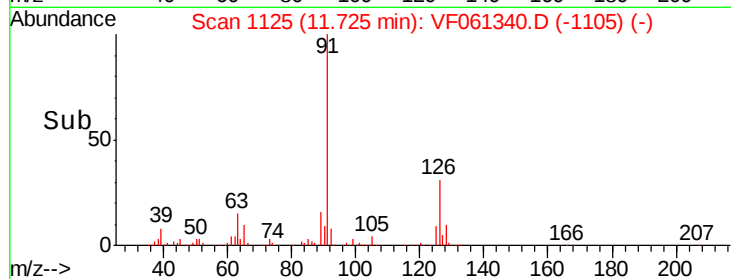
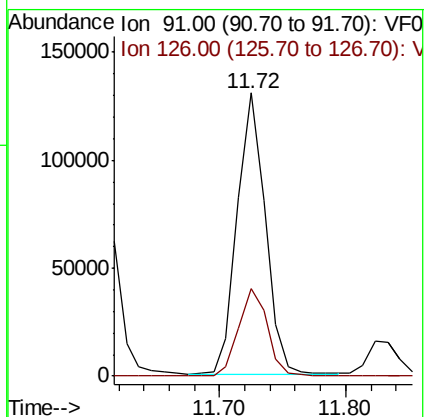
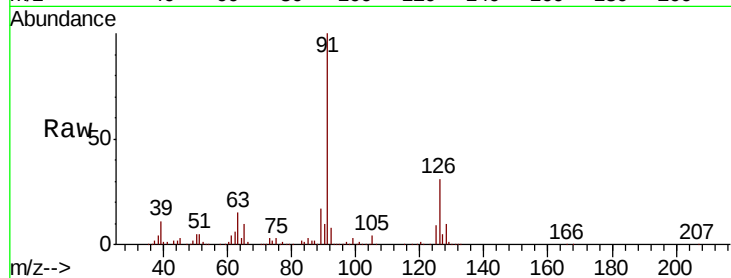
Acq: 10 Jan 2019 13:24

Tgt 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

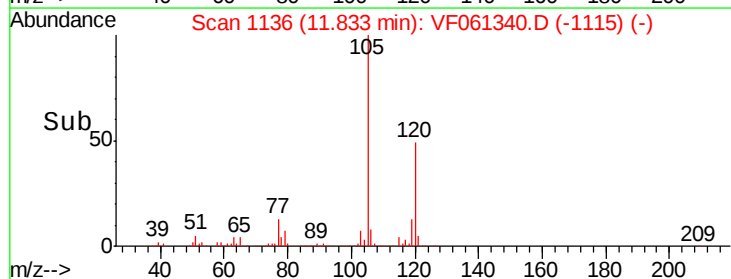
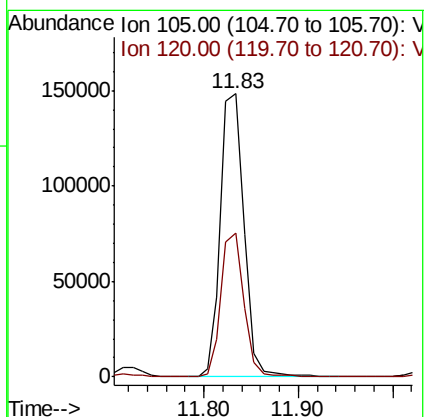
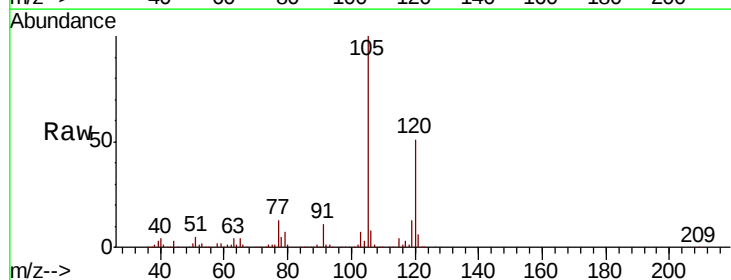
Acq: 10 Jan 2019 13:24

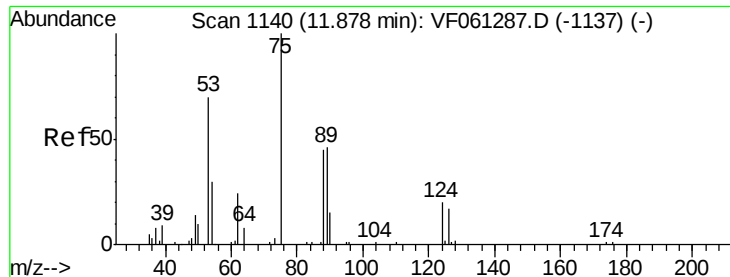
Tgt Ion: 105 Resp: 256062

Ion Ratio Lower Upper

105 100

120 50.7 25.2 75.6





#81

trans-1,4-Dichloro-2-butene

Concen: 31.083 ug/l

RT: 11.87 min Scan# 1140

Delta R.T. -0.01 min

Lab File: VF061340.D

Acq: 10 Jan 2019 13:24

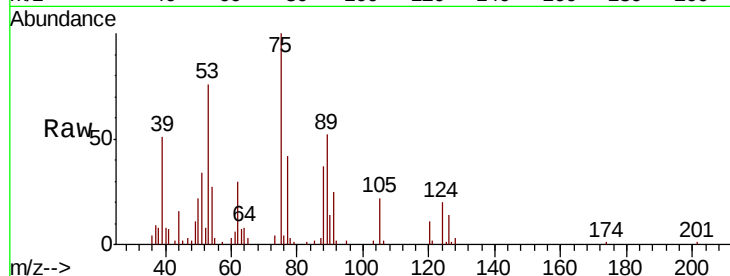
Tgt Ion: 75 Resp: 22565

Ion Ratio Lower Upper

75 100

53 75.5 62.2 93.2

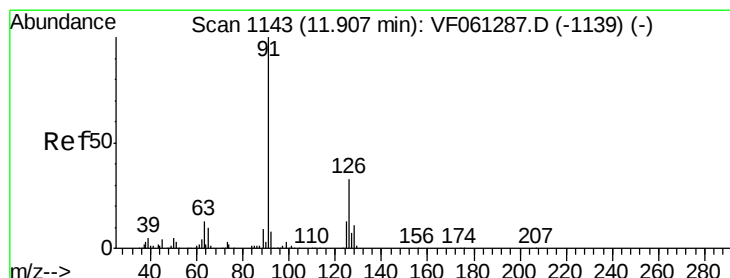
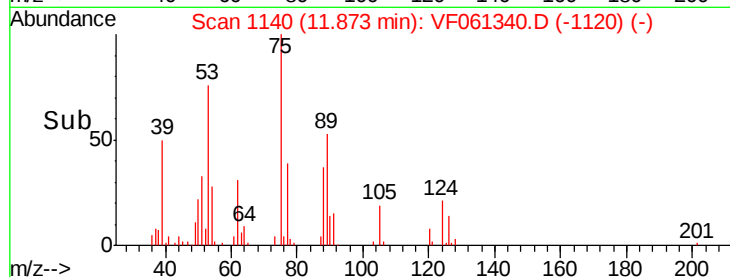
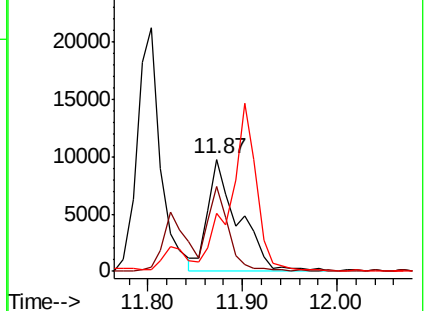
89 52.2 40.2 60.4



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

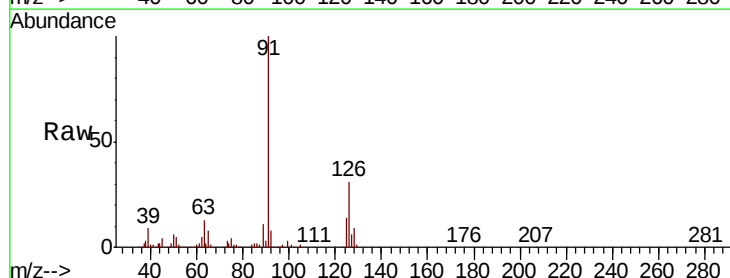
Acq: 10 Jan 2019 13:24

Tgt Ion: 91 Resp: 201520

Ion Ratio Lower Upper

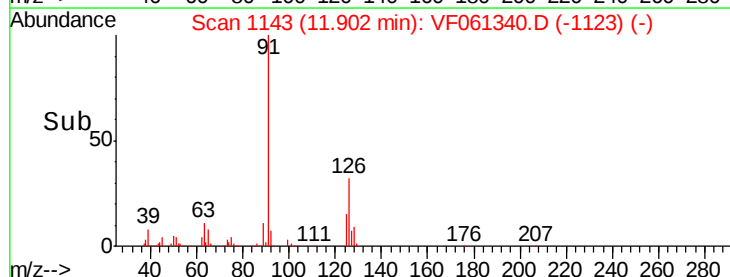
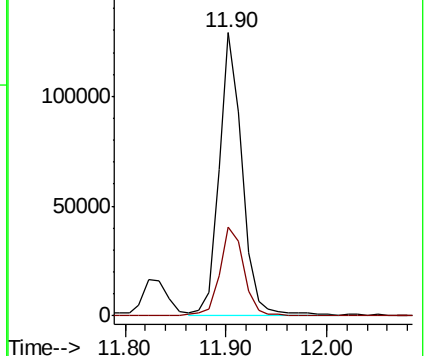
91 100

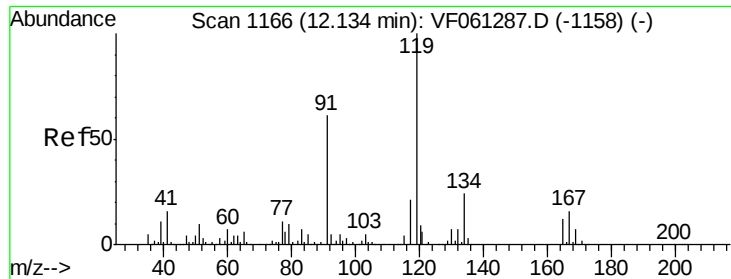
126 31.3 16.4 49.4



Abundance Ion 91.00 (90.70 to 91.70): VF0

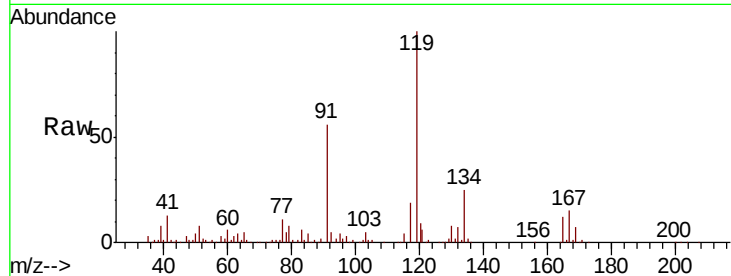
Ion 126.00 (125.70 to 126.70): V



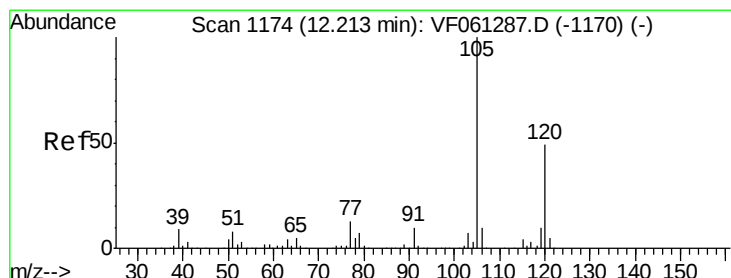
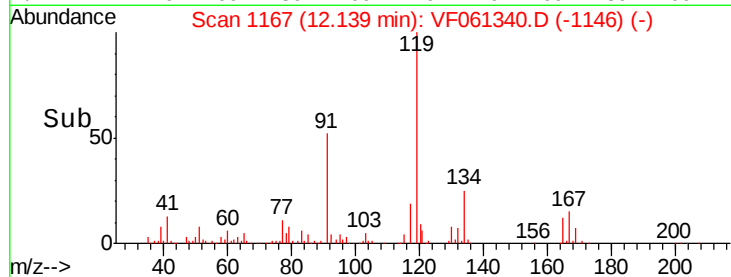
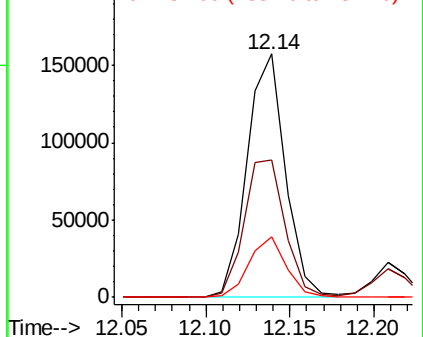


#83
tert-Butylbenzene
Concen: 21.828 ug/l
RT: 12.14 min Scan# 1167
Delta R.T. 0.00 min
Lab File: VF061340.D
Acq: 10 Jan 2019 13:24

Tgt Ion	Ratio	Lower	Upper
119	100		
91	56.3	30.8	92.4
134	25.1	11.9	35.9

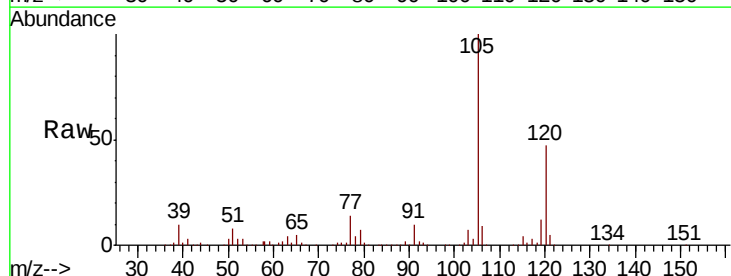


Abundance Ion 119.00 (118.70 to 119.70): V
Ion 91.00 (90.70 to 91.70): VF0
Ion 134.00 (133.70 to 134.70): V

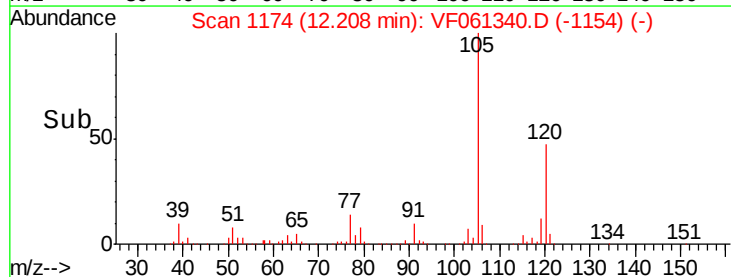
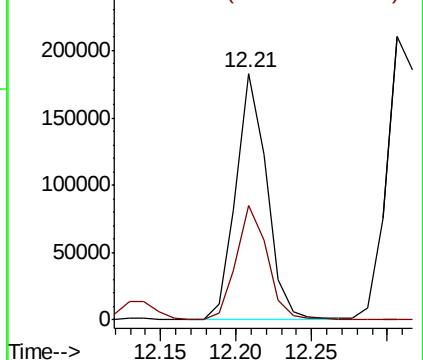


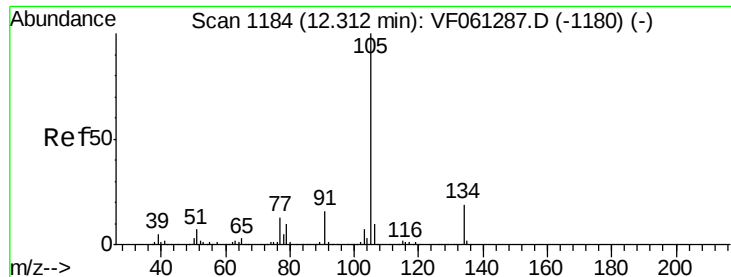
#84
1,2,4-Trimethylbenzene
Concen: 22.909 ug/l
RT: 12.21 min Scan# 1174
Delta R.T. -0.00 min
Lab File: VF061340.D
Acq: 10 Jan 2019 13:24

Tgt Ion	Ratio	Lower	Upper
105	100		
120	46.6	24.7	74.1



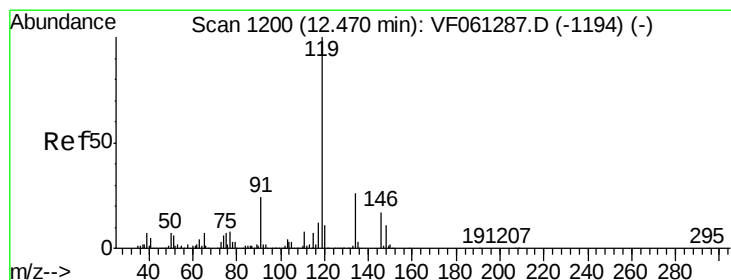
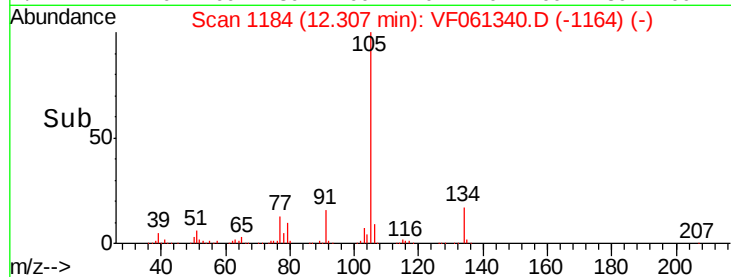
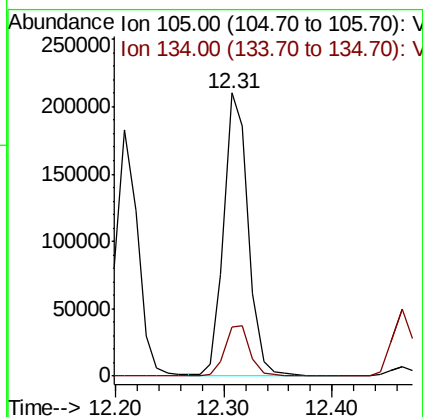
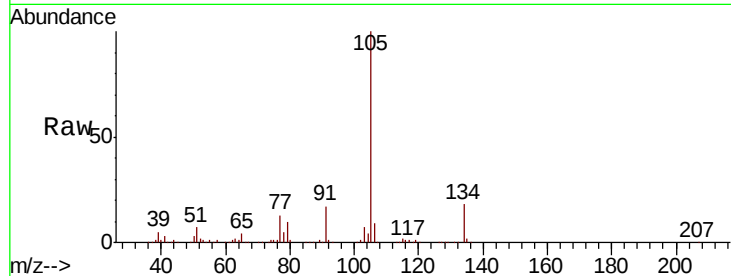
Abundance Ion 105.00 (104.70 to 105.70): V
Ion 120.00 (119.70 to 120.70): V





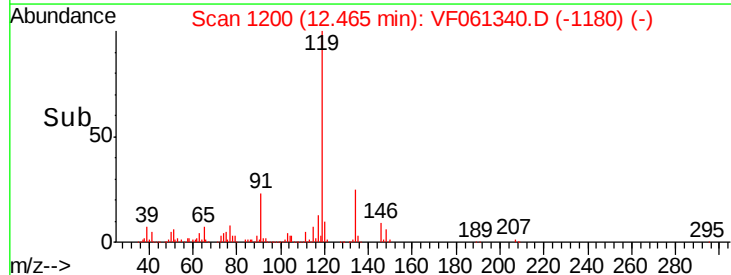
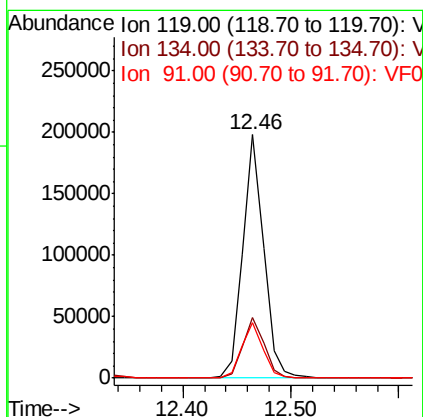
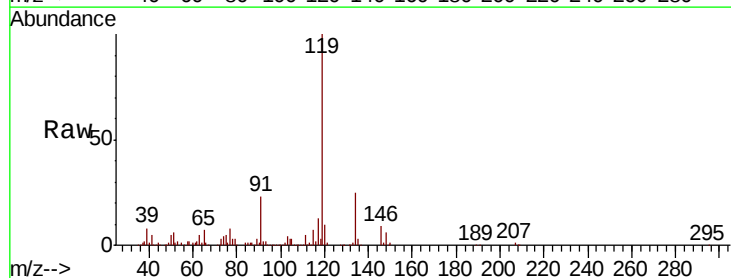
#85
 sec-Butylbenzene
 Concen: 20.391 ug/l
 RT: 12.31 min Scan# 1184
 Delta R.T. -0.00 min
 Lab File: VF061340.D
 Acq: 10 Jan 2019 13:24

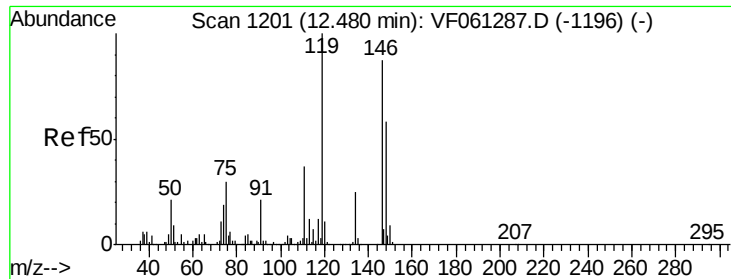
Tgt Ion:105 Resp: 328806
 Ion Ratio Lower Upper
 105 100
 134 17.5 9.7 28.9



#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

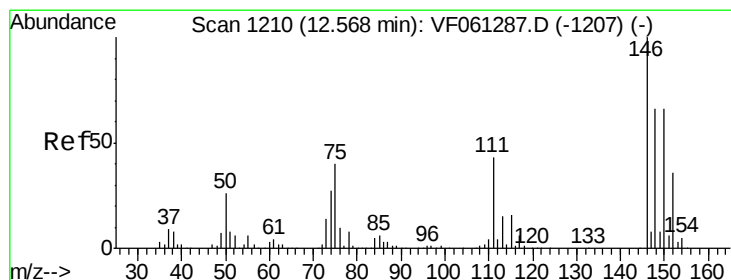
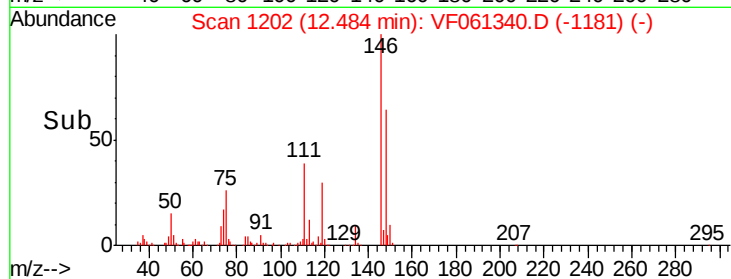
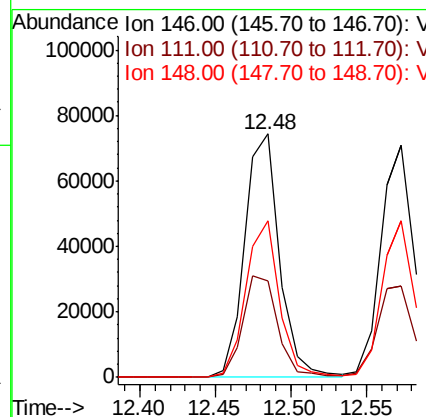
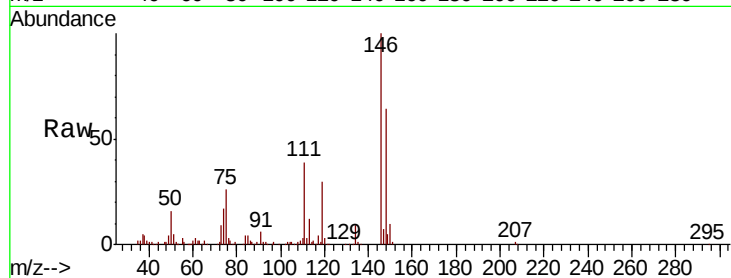
Tgt Ion:119 Resp: 267373
 Ion Ratio Lower Upper
 119 100
 134 25.0 13.0 39.0
 91 22.8 12.2 36.4





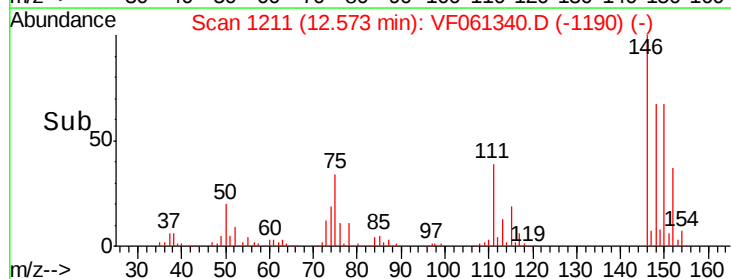
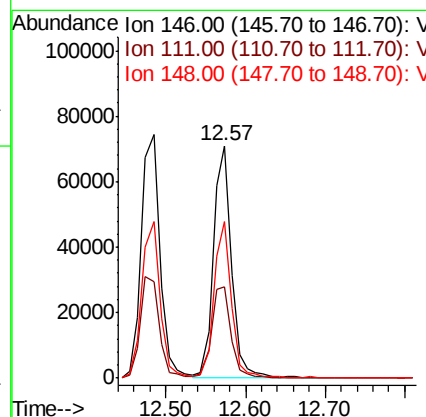
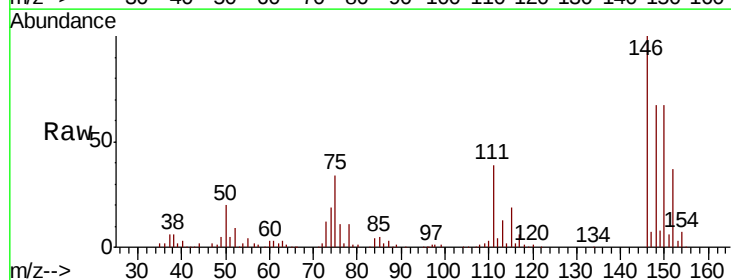
#87
 1,3-Dichlorobenzene
 Concen: 21.404 ug/l
 RT: 12.48 min Scan# 1202
 Delta R.T. 0.00 min
 Lab File: VF061340.D
 Acq: 10 Jan 2019 13:24

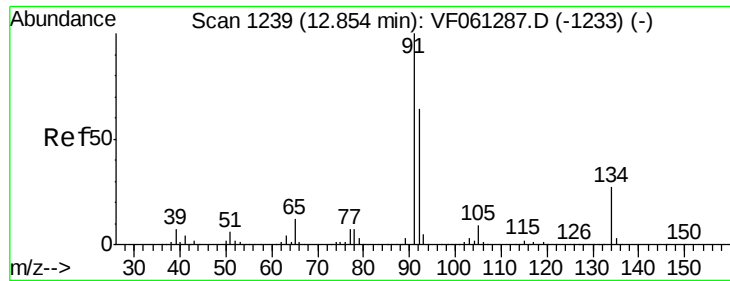
Tgt Ion	Ratio	Lower	Upper
146	100		
111	39.5	21.1	63.3
148	64.1	33.1	99.5



#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

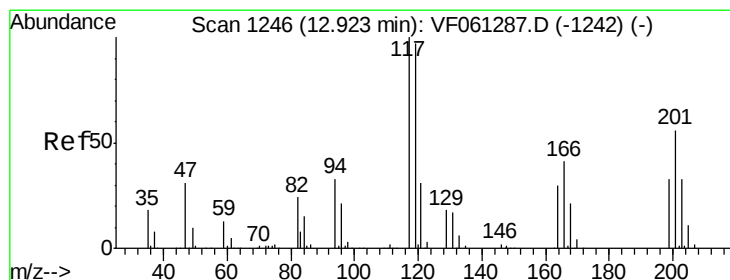
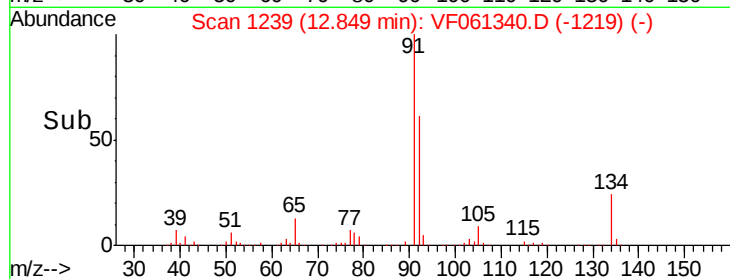
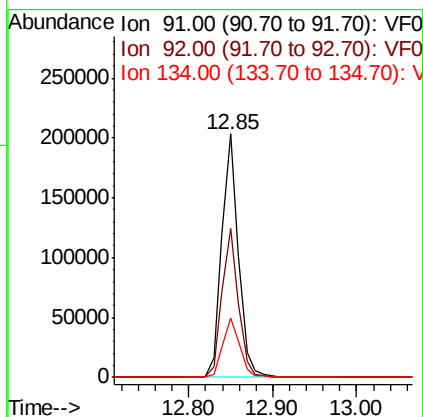
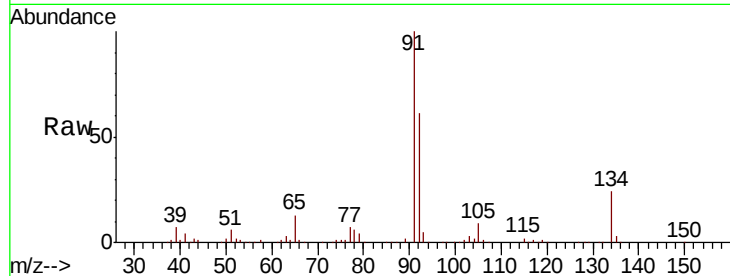
Tgt Ion	Ratio	Lower	Upper
146	100		
111	39.1	21.4	64.2
148	67.5	33.0	98.9





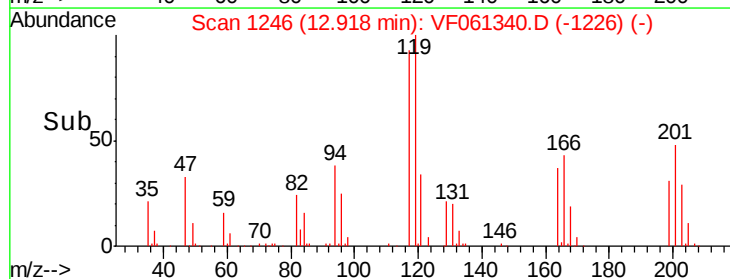
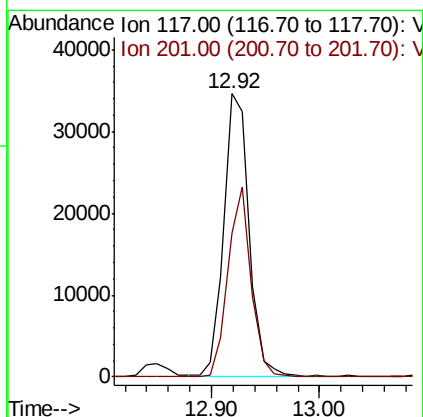
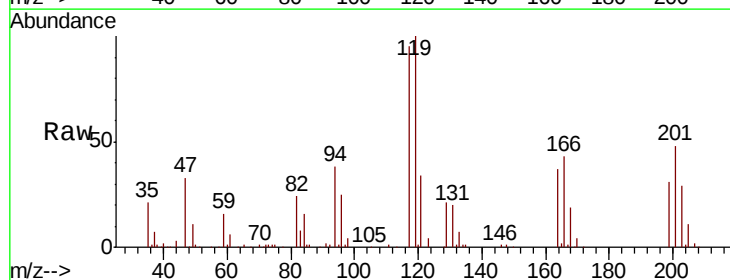
#89
n-Butylbenzene
Concen: 20.719 ug/l
RT: 12.85 min Scan# 1239
Delta R.T. -0.00 min
Lab File: VF061340.D
Acq: 10 Jan 2019 13:24

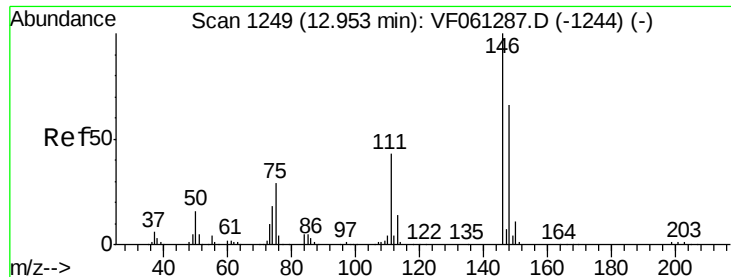
Tgt Ion: 91 Resp: 279208
Ion Ratio Lower Upper
91 100
92 61.4 32.1 96.3
134 24.2 13.4 40.1



#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

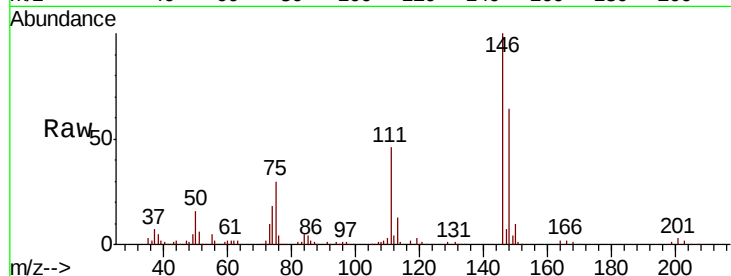
RT: 12.95 min Scan# 1249

Delta R.T. -0.01 min

Lab File: VF061340.D

Acq: 10 Jan 2019 13:24

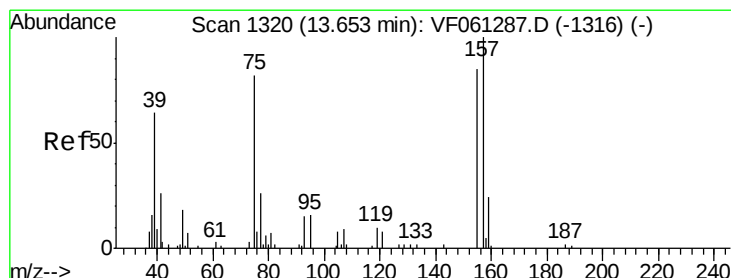
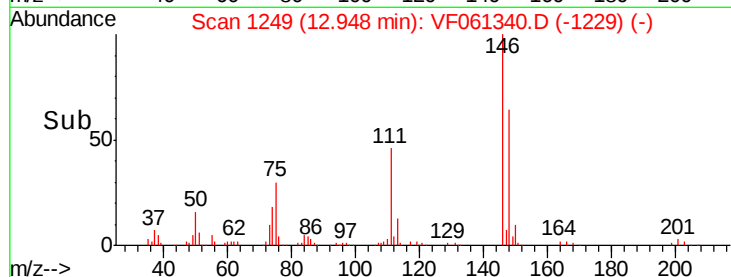
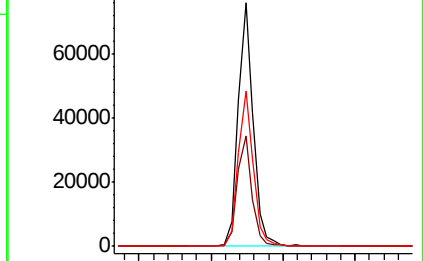
Tgt Ion:	146	Resp:	111488
Ion	Ratio	Lower	Upper
146	100		
111	45.6	21.4	64.3
148	64.0	33.1	99.2



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

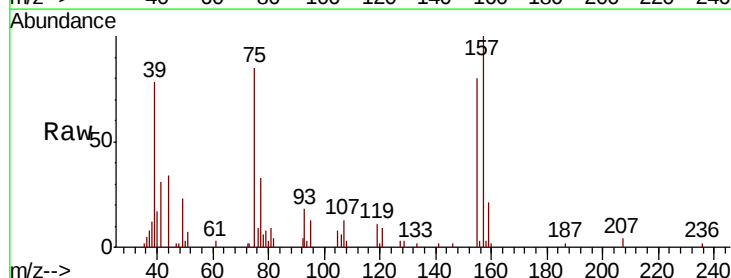
RT: 13.65 min Scan# 1320

Delta R.T. -0.01 min

Lab File: VF061340.D

Acq: 10 Jan 2019 13:24

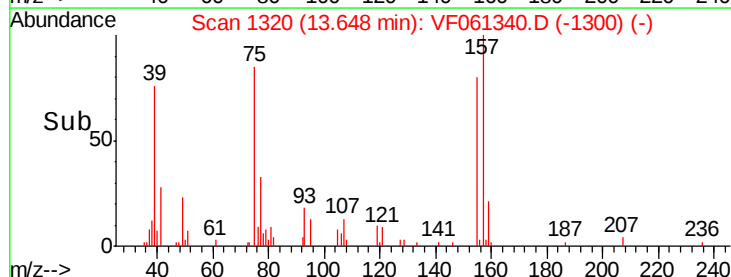
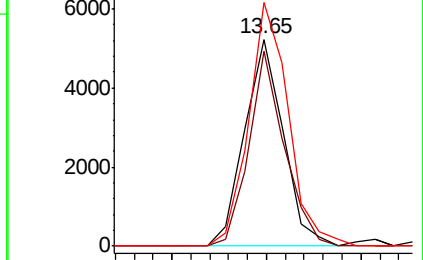
Tgt Ion:	75	Resp:	7421
Ion	Ratio	Lower	Upper
75	100		
155	94.0	51.3	154.0
157	117.7	60.7	182.0



Abundance Ion 75.00 (74.70 to 75.70): VF0

Ion 155.00 (154.70 to 155.70): V

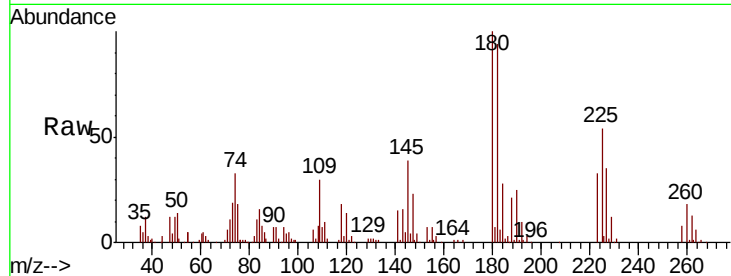
Ion 157.00 (156.70 to 157.70): V



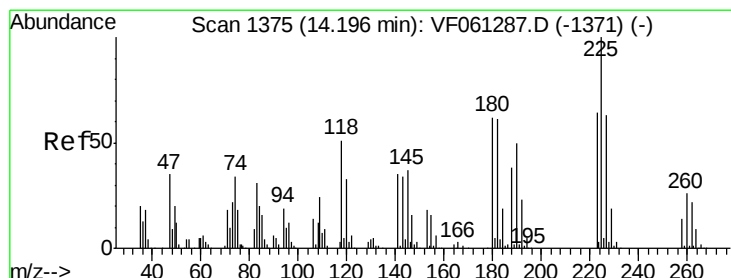
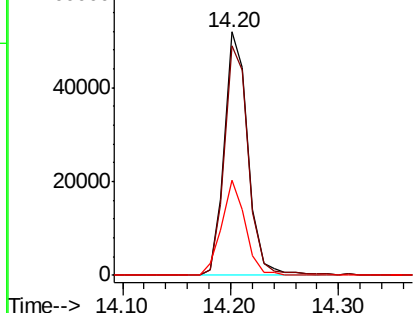
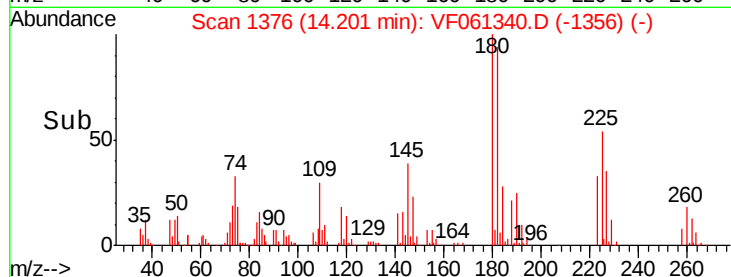


#93
 1,2,4-Trichlorobenzene
 Concen: 21.674 ug/l
 RT: 14.20 min Scan# 1376
 Delta R.T. -0.01 min
 Lab File: VF061340.D
 Acq: 10 Jan 2019 13:24

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

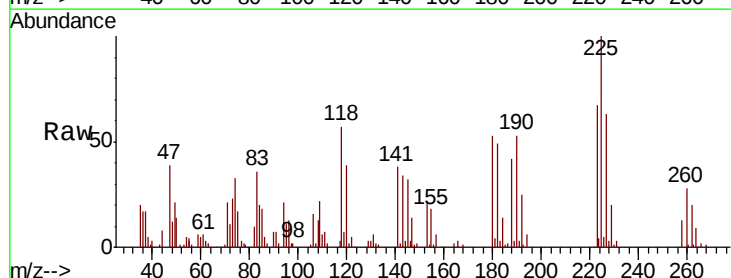


Abundance Ion 180.00 (179.70 to 180.70): V
 Ion 182.00 (181.70 to 182.70): V
 Ion 145.00 (144.70 to 145.70): V

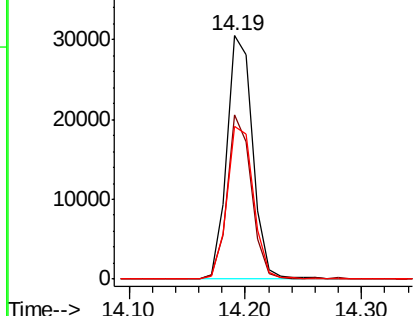
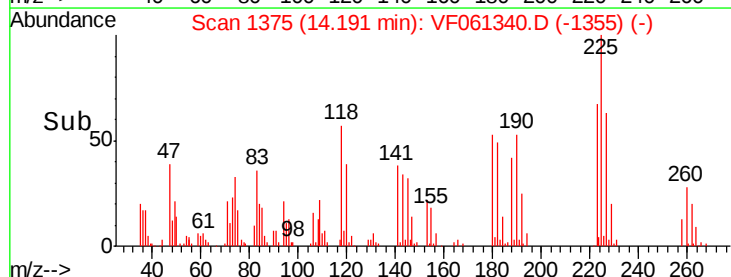


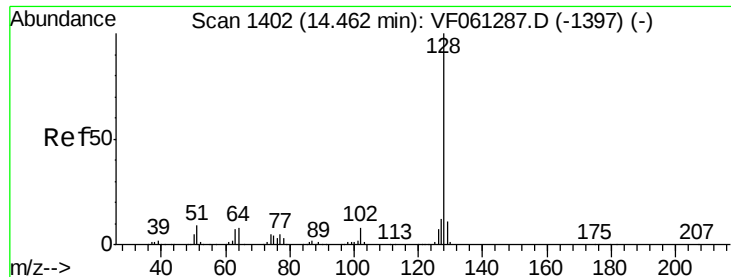
#94
 Hexachlorobutadiene
 Concen: 20.017 ug/l
 RT: 14.19 min Scan# 1375
 Delta R.T. -0.00 min
 Lab File: VF061340.D
 Acq: 10 Jan 2019 13:24

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



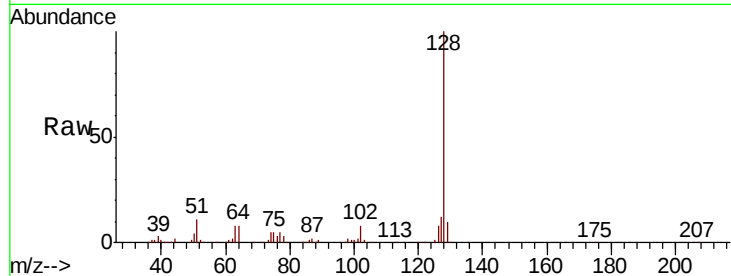
Abundance Ion 225.00 (224.70 to 225.70): V
 Ion 223.00 (222.70 to 223.70): V
 Ion 227.00 (226.70 to 227.70): V





#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

Tgt Ion	Ratio	Lower	Upper
128	100		
127	12.2	9.4	14.0
129	10.4	8.8	13.2

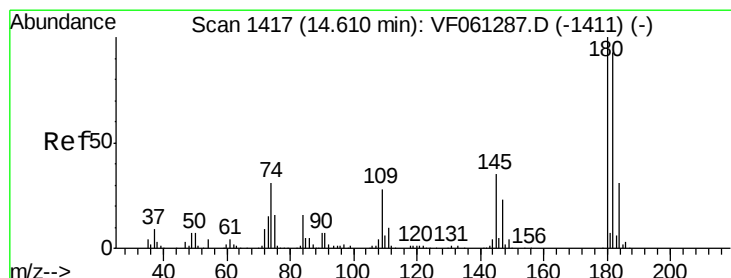
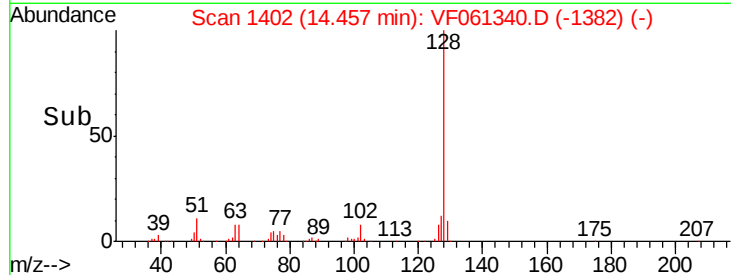
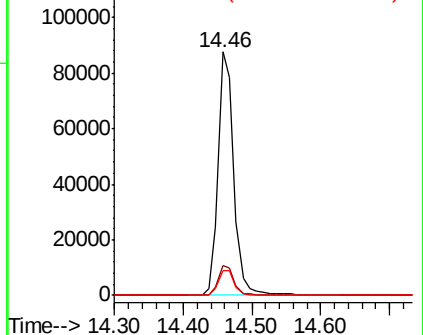


Abundance

Ion 128.00 (127.70 to 128.70): V

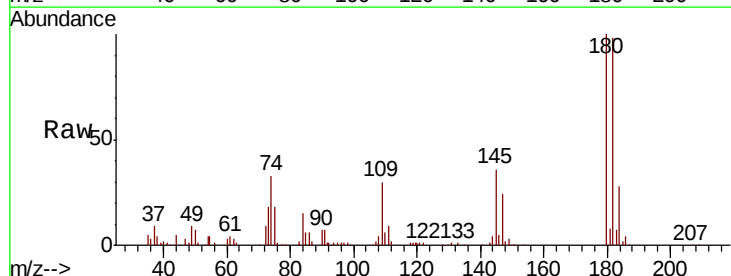
Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96
1,2,3-Trichlorobenzene
Concen: 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	Ratio	Lower	Upper
180	100		
182	98.5	46.5	139.3
145	36.1	17.5	52.6



Abundance

Ion 180.00 (179.70 to 180.70): V

Ion 182.00 (181.70 to 182.70): V

Ion 145.00 (144.70 to 145.70): V

