

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF011019\
 Data File : VF061344.D
 Acq On : 10 Jan 2019 15:19
 Operator : VA/AP
 Sample : K1006-11RE
 Misc : 8.50g/5mL/MSVOA-F/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Quant Time: Jan 11 00:31:04 2019
 Quant Method : Z:\HPCHEM1\MSVOA_F\METHODS\82F010819S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jan 09 07:13:51 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.89	168	7008	50.00	ug/l	0.01
34) 1,4-Difluorobenzene	5.61	114	10474	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.78	117	7677	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.56	152	2047	50.00	ug/l	0.00

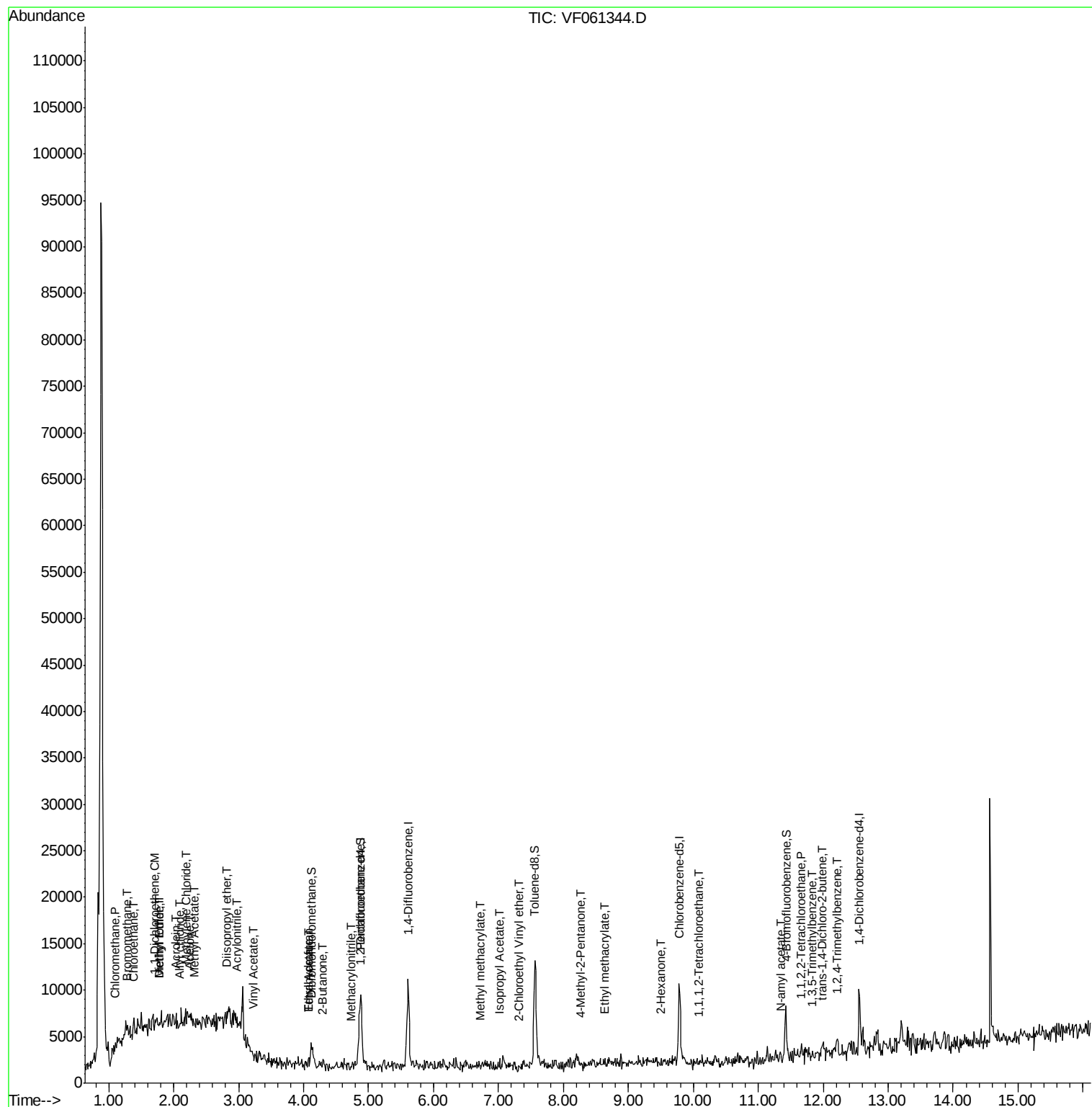
System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	4.86	65	1575	20.19	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	40.38%	
35) Dibromofluoromethane	4.12	113	2586	32.27	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	64.54%	
50) Toluene-d8	7.56	98	9959	41.99	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	83.98%	
62) 4-Bromofluorobenzene	11.43	95	2876	27.77	ug/l	0.01
Spiked Amount				50.000		
			Recovery	=	55.54%	

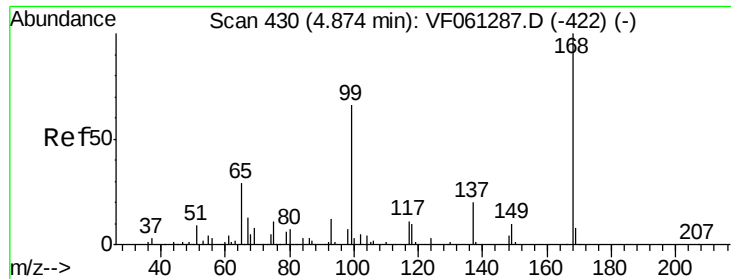
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	1.10	50	137	1.189	ug/l #	40
5) Bromomethane	1.29	94	379	6.904	ug/l #	6
6) Chloroethane	1.37	64	66	1.314	ug/l #	45
8) Diethyl Ether	1.77	74	98	3.826	ug/l #	50
10) Methyl Iodide	1.77	142	147	1.019	ug/l #	32
12) 1,1-Dichloroethene	1.70	96	104	1.412	ug/l #	1
13) Acrolein	2.03	56	172	32.181	ug/l #	12
14) Allyl chloride	2.09	41	229	1.701	ug/l #	56
15) Acrylonitrile	2.97	53	183	16.529	ug/l #	12
16) Acetone	2.25	43	1130	62.275	ug/l #	55
18) Methyl Acetate	2.32	43	371	10.392	ug/l #	65
20) Methylene Chloride	2.19	84	248	3.231	ug/l #	39
22) Diisopropyl ether	2.82	45	985	3.782	ug/l #	1
23) Vinyl Acetate	3.23	43	440	5.777	ug/l #	77
25) 2-Butanone	4.30	43	298	10.204	ug/l #	56
29) Tetrahydrofuran	4.08	42	80	6.552	ug/l #	36
37) Ethyl Acetate	4.07	43	229	5.141	ug/l #	1
41) Methacrylonitrile	4.73	41	140	5.629	ug/l #	43
43) Isopropyl Acetate	7.02	43	97	1.650	ug/l #	45
48) Methyl methacrylate	6.72	41	67	1.755	ug/l #	21
51) 4-Methyl-2-Pentanone	8.28	43	307	6.917	ug/l #	38
56) Ethyl methacrylate	8.65	69	75	1.307	ug/l #	20
58) 2-Chloroethyl Vinyl ether	7.32	63	60	24.528	ug/l #	56
59) 2-Hexanone	9.50	43	167	5.311	ug/l #	27
66) 1,1,1,2-Tetrachloroethane	10.09	131	72	1.138	ug/l #	7
74) N-amyl acetate	11.36	43	140	3.419	ug/l #	48
75) 1,1,2,2-Tetrachloroethane	11.67	83	62	2.171	ug/l #	25
80) 1,3,5-Trimethylbenzene	11.83	105	256	1.786	ug/l #	27
81) trans-1,4-Dichloro-2-buten	11.98	75	78	8.521	ug/l #	17
84) 1,2,4-Trimethylbenzene	12.21	105	681	4.786	ug/l	97

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

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.89 min Scan# 432

Delta R.T. 0.01 min

Lab File: VF061344.D

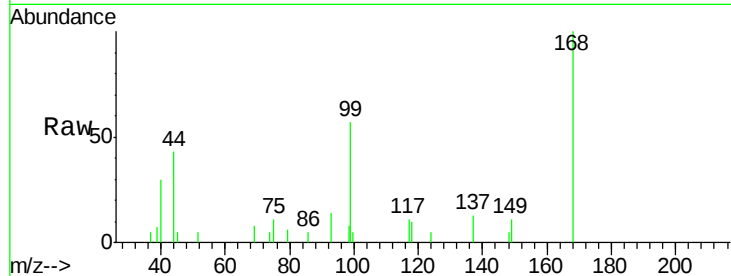
Acq: 10 Jan 2019 15:19

Tot Ion:168 Resp: 7008

Ion Ratio Lower Upper

168 100

99 57.4 52.7 79.1



Abundance Ion 168.00 (167.70 to 168.70): VF0

Ion 99.00 (98.70 to 99.70): VF0

4.89

2500

2000

1500

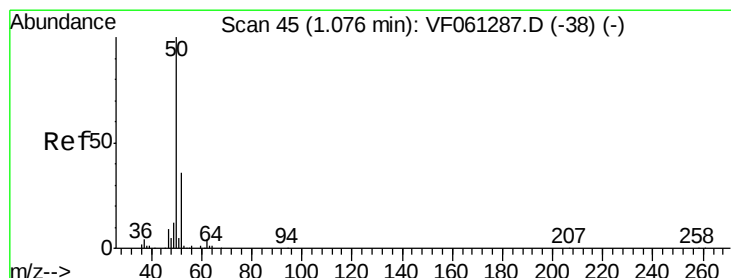
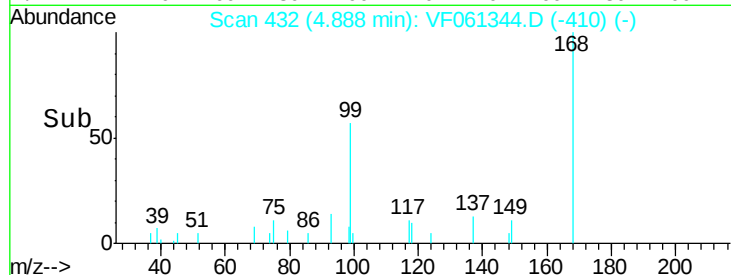
1000

500

0

4.80 4.85 4.90 4.95

Time-->



#3

Chloromethane

Concen: 1.189 ug/l

RT: 1.10 min Scan# 48

Delta R.T. 0.02 min

Lab File: VF061344.D

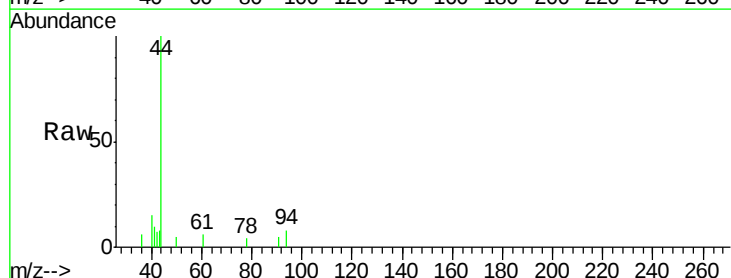
Acq: 10 Jan 2019 15:19

Tgt Ion: 50 Resp: 137

Ion Ratio Lower Upper

50 100

52 0.0 28.2 42.2#



Abundance Ion 50.00 (49.70 to 50.70): VF0

Ion 52.00 (51.70 to 52.70): VF0

1.10

150

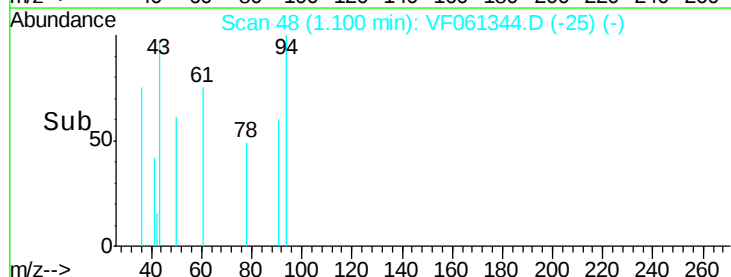
100

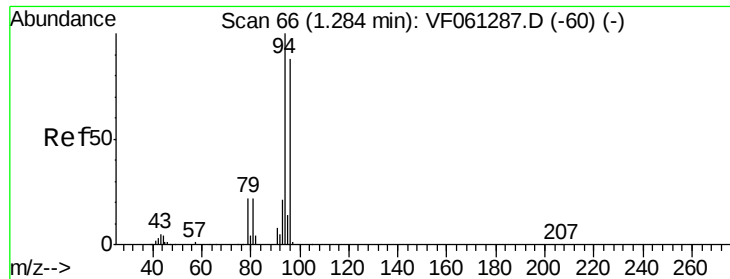
50

0

1.10 1.15

Time-->





#5

Bromomethane

Concen: 6.904 ug/l

RT: 1.29 min Scan# 67

Delta R.T. 0.00 min

Lab File: VF061344.D

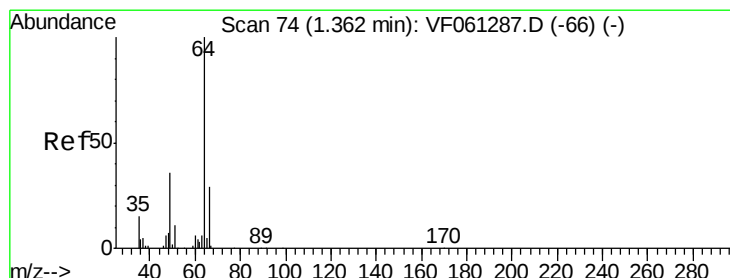
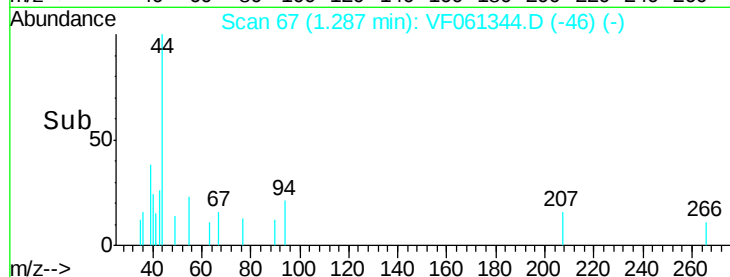
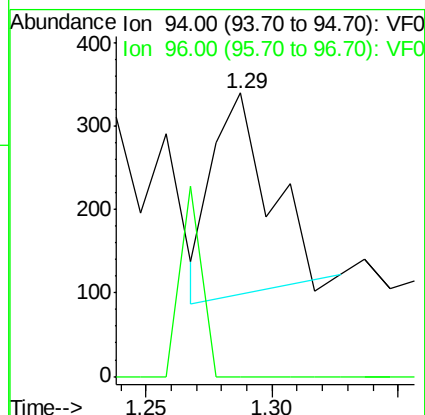
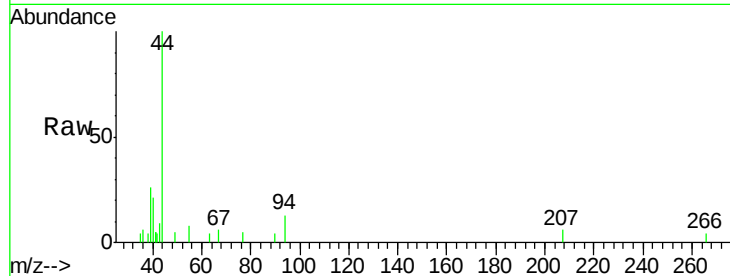
Acq: 10 Jan 2019 15:19

Tot Ion: 94 Resp: 379

Ion Ratio Lower Upper

94 100

96 0.0 70.2 105.4#



#6

Chloroethane

Concen: 1.314 ug/l

RT: 1.37 min Scan# 75

Delta R.T. 0.00 min

Lab File: VF061344.D

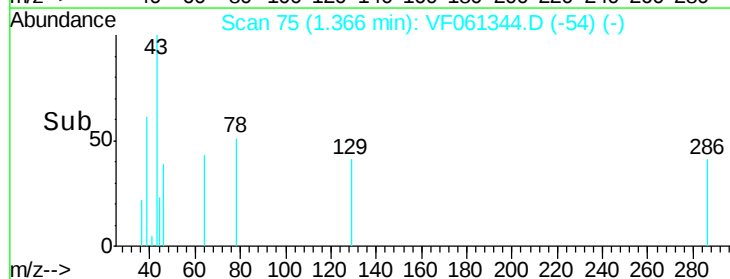
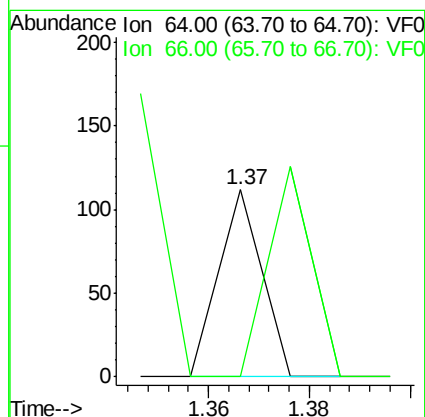
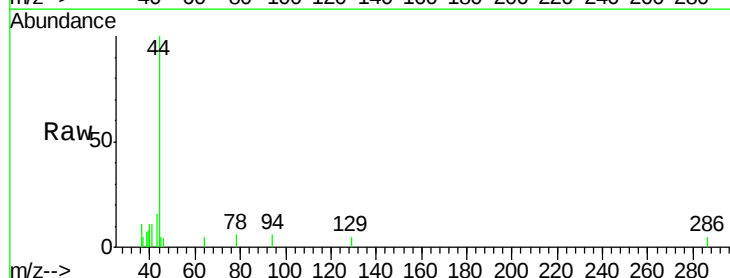
Acq: 10 Jan 2019 15:19

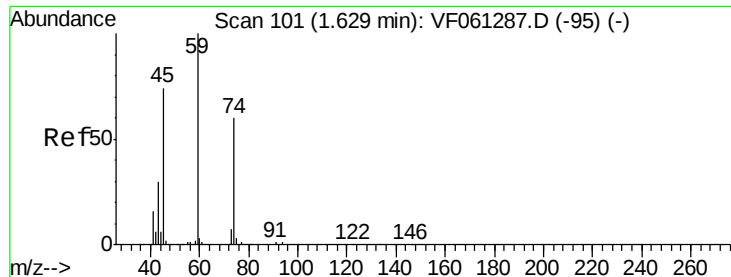
Tgt Ion: 64 Resp: 66

Ion Ratio Lower Upper

64 100

66 0.0 23.4 35.0#





#8

Diethyl Ether

Concen: 3.826 ug/l

RT: 1.77 min Scan# 116

Delta R.T. 0.14 min

Lab File: VF061344.D

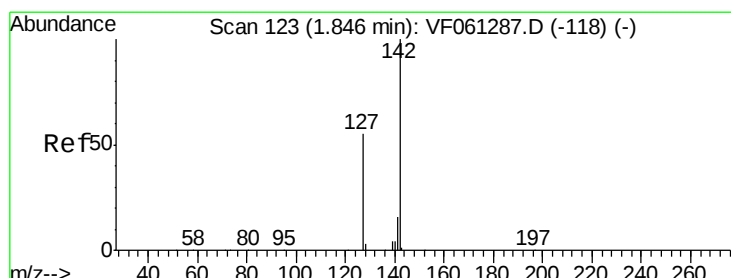
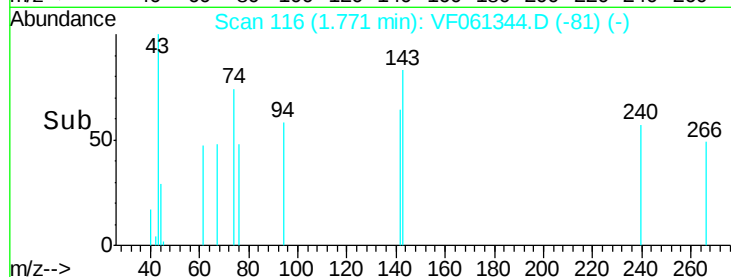
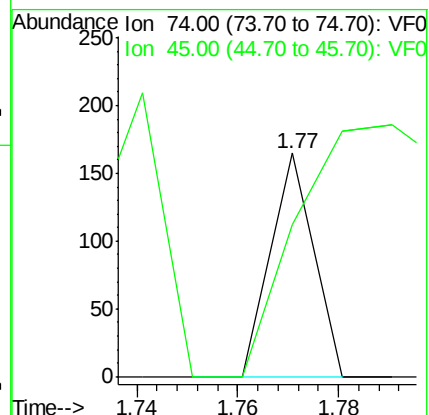
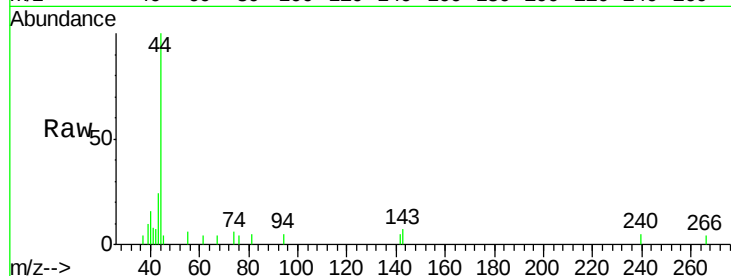
Acq: 10 Jan 2019 15:19

Tot Ion: 74 Resp: 98

Ion Ratio Lower Upper

74 100

45 67.9 62.1 186.3



#10

Methyl Iodide

Concen: 1.019 ug/l

RT: 1.77 min Scan# 116

Delta R.T. -0.07 min

Lab File: VF061344.D

Acq: 10 Jan 2019 15:19

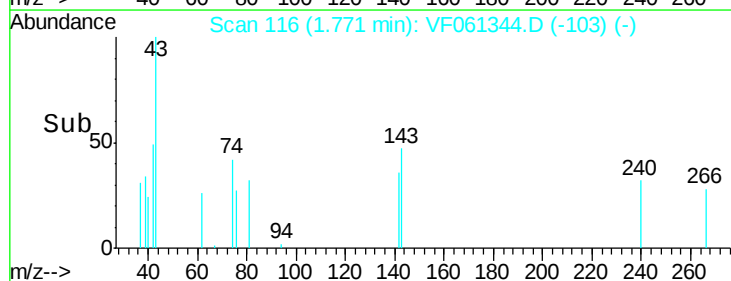
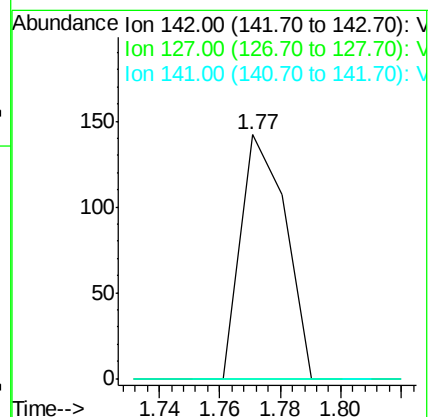
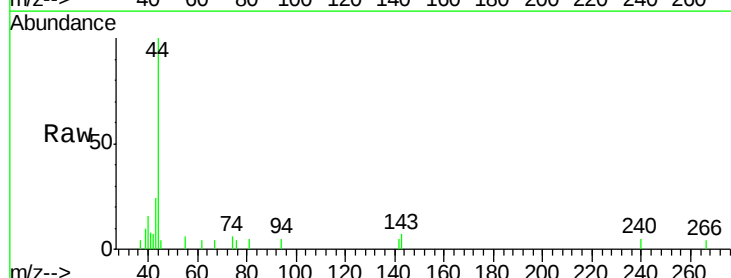
Tgt Ion: 142 Resp: 147

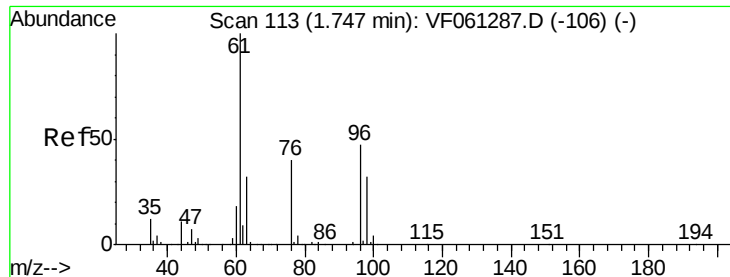
Ion Ratio Lower Upper

142 100

127 0.0 44.3 66.5#

141 0.0 13.2 19.8#





#12

1,1-Dichloroethene

Concen: 1.412 ug/l

RT: 1.70 min Scan# 109

Delta R.T. -0.05 min

Lab File: VF061344.D

Acq: 10 Jan 2019 15:19

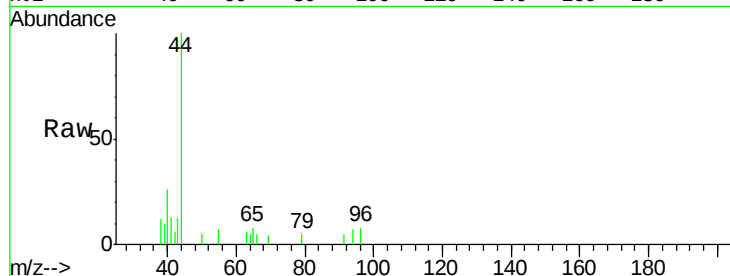
Tot Ion: 96 Resp: 104

Ion Ratio Lower Upper

96 100

61 0.0 171.8 257.8#

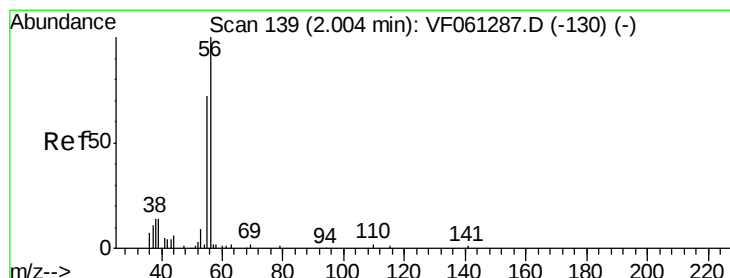
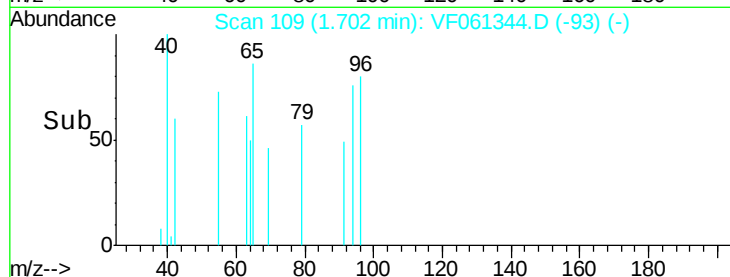
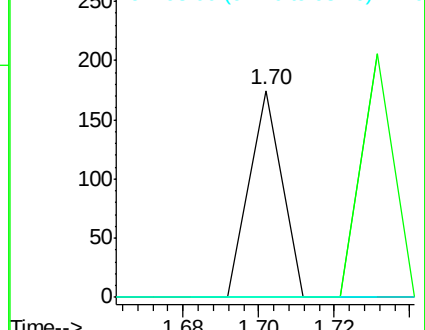
98 0.0 54.2 81.4#



Abundance Ion 96.00 (95.70 to 96.70): VF0

Ion 61.00 (60.70 to 61.70): VF0

Ion 98.00 (97.70 to 98.70): VF0



#13

Acrolein

Concen: 32.181 ug/l

RT: 2.03 min Scan# 142

Delta R.T. 0.02 min

Lab File: VF061344.D

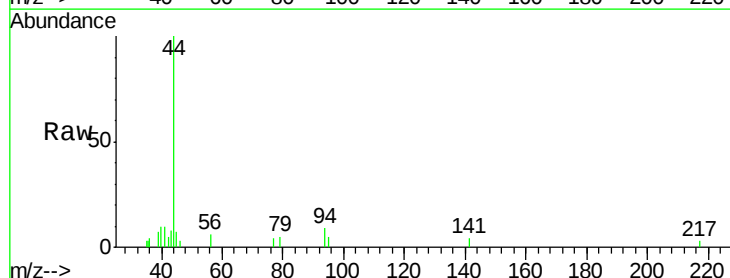
Acq: 10 Jan 2019 15:19

Tgt Ion: 56 Resp: 172

Ion Ratio Lower Upper

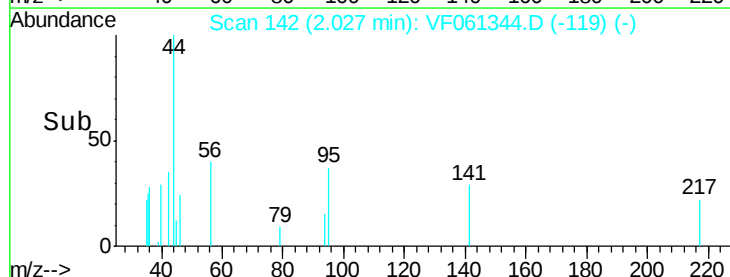
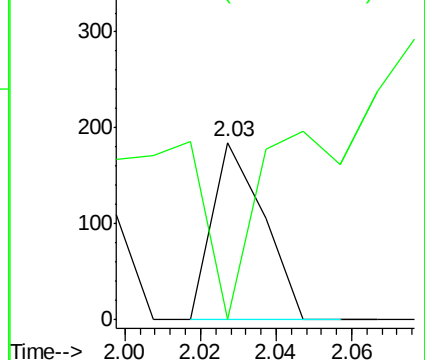
56 100

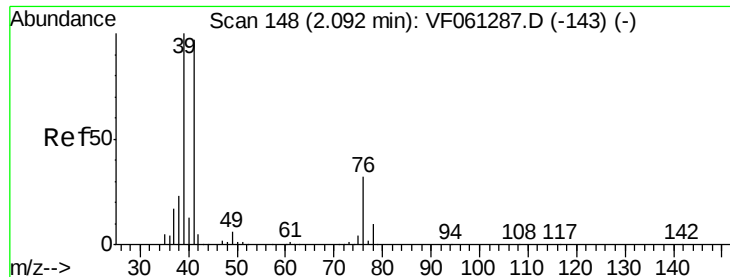
55 0.0 59.4 89.0#



Abundance Ion 56.00 (55.70 to 56.70): VF0

Ion 55.00 (54.70 to 55.70): VF0





#14

Allvl chloride

Concen: 1.701 ug/l

RT: 2.09 min Scan# 148

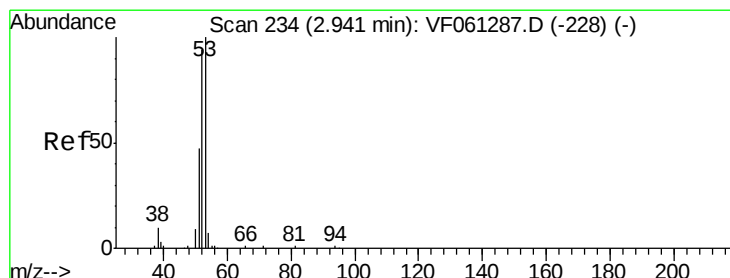
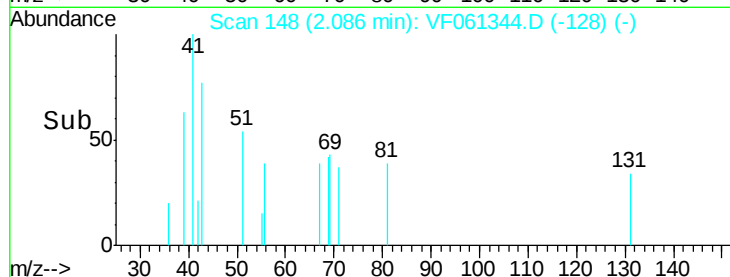
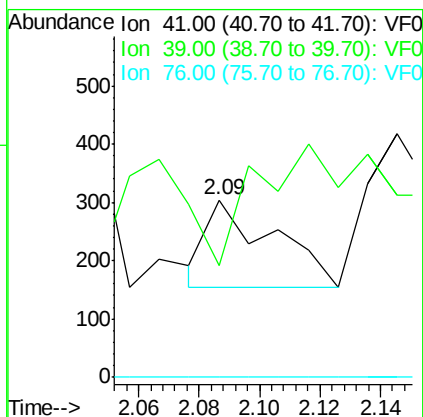
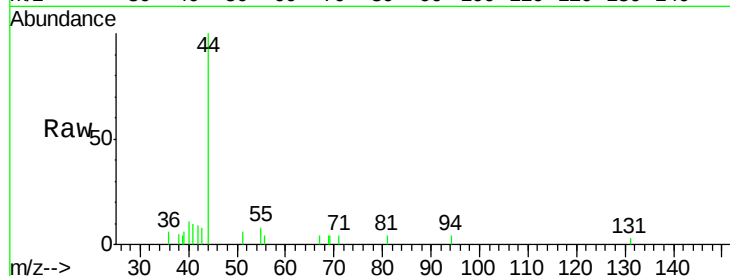
Delta R.T. -0.01 min

Lab File: VF061344.D

Acq: 10 Jan 2019 15:19

Tot Ion: 41 Resp: 229

Ion	Ratio	Lower	Upper
41	100		
39	63.2	82.6	123.8#
76	0.0	26.9	40.3#



#15

Acrylonitrile

Concen: 16.529 ug/l

RT: 2.97 min Scan# 238

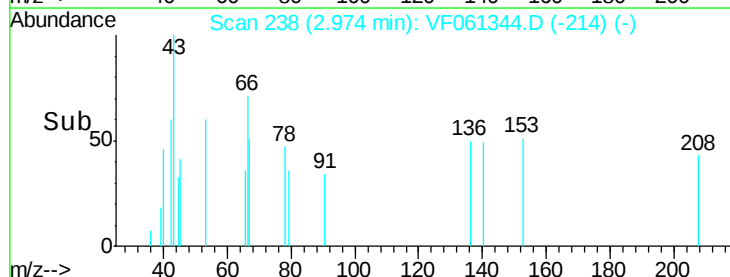
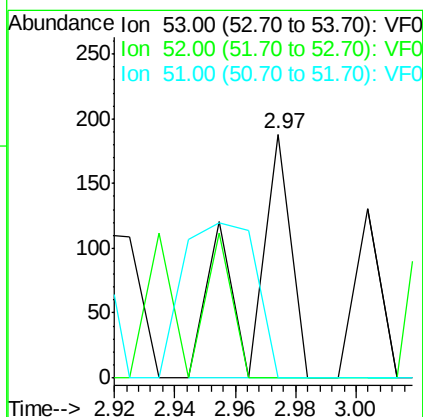
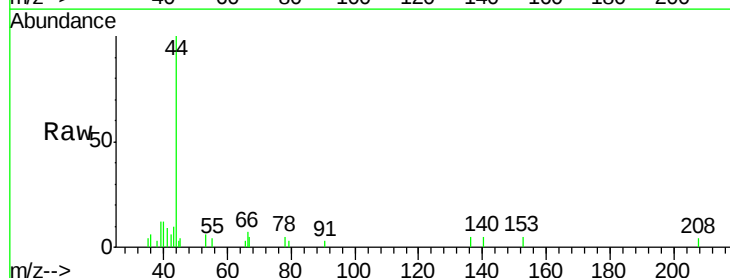
Delta R.T. 0.03 min

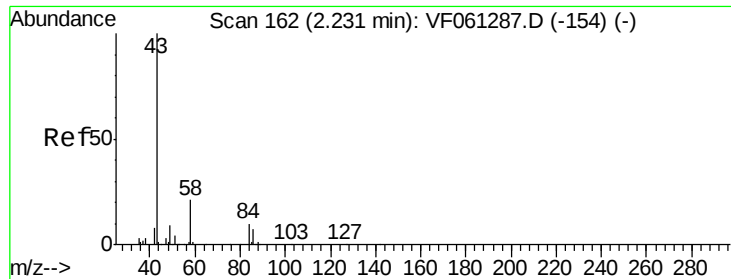
Lab File: VF061344.D

Acq: 10 Jan 2019 15:19

Tgt Ion: 53 Resp: 183

Ion	Ratio	Lower	Upper
53	100		
52	0.0	74.6	111.8#
51	0.0	37.8	56.6#





#16

Acetone

Concen: 62.275 ug/l

RT: 2.25 min Scan# 165

Delta R.T. 0.02 min

Lab File: VF061344.D

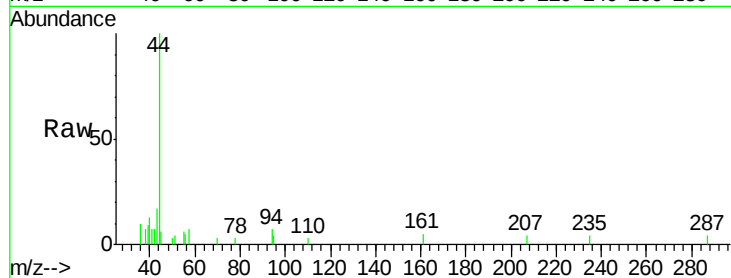
Acq: 10 Jan 2019 15:19

Tot Ion: 43 Resp: 1130

Ion Ratio Lower Upper

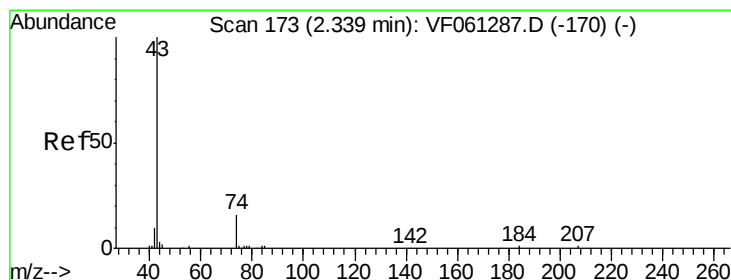
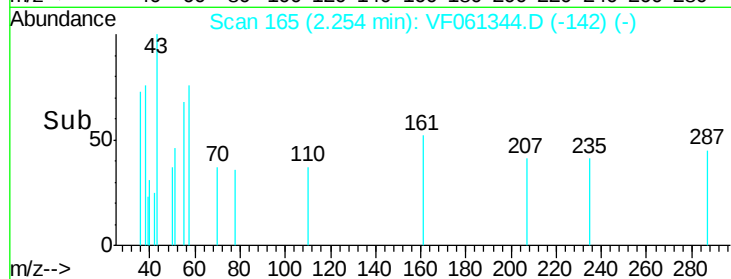
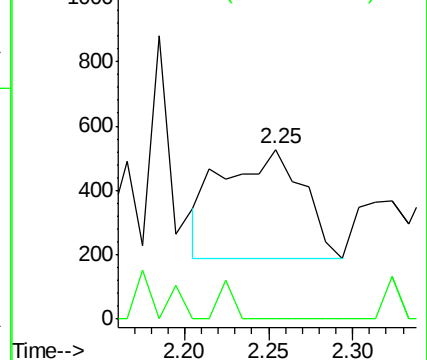
43 100

58 0.0 16.6 25.0#



Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 58.00 (57.70 to 58.70): VF0



#18

Methyl Acetate

Concen: 10.392 ug/l

RT: 2.32 min Scan# 172

Delta R.T. -0.02 min

Lab File: VF061344.D

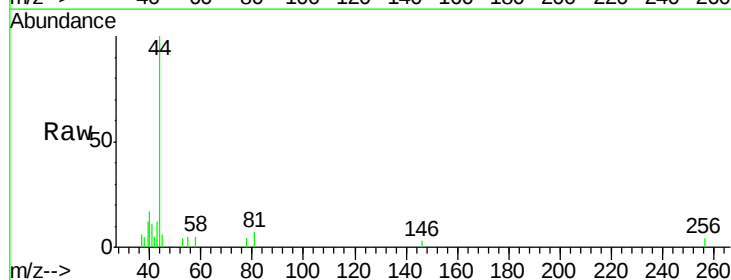
Acq: 10 Jan 2019 15:19

Tgt Ion: 43 Resp: 371

Ion Ratio Lower Upper

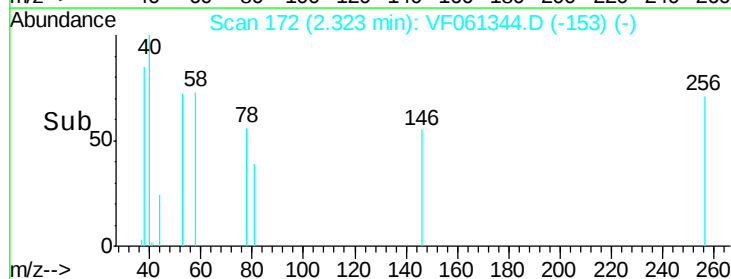
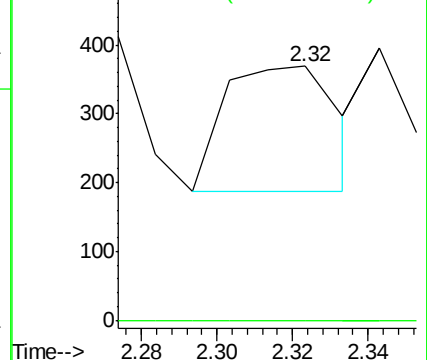
43 100

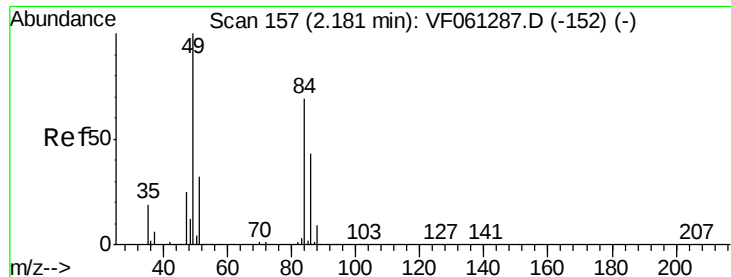
74 0.0 11.6 17.4#



Abundance Ion 43.00 (42.70 to 43.70): VF0

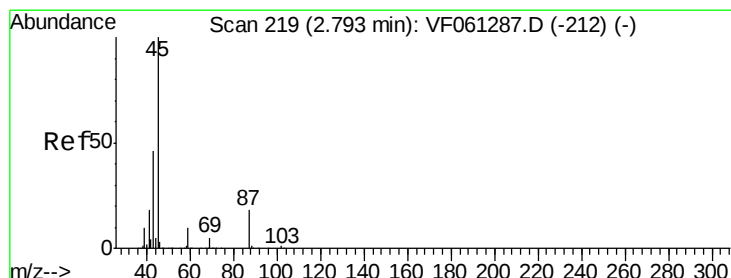
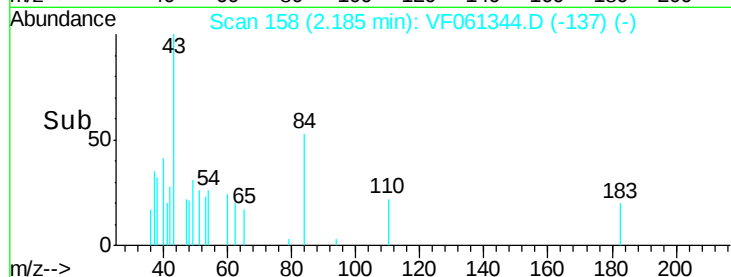
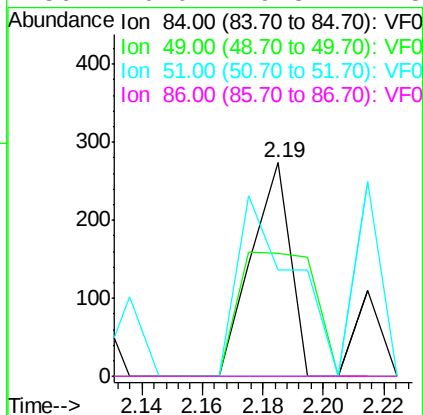
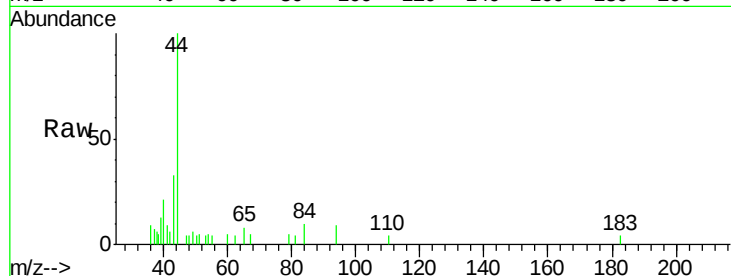
Ion 74.00 (73.70 to 74.70): VF0





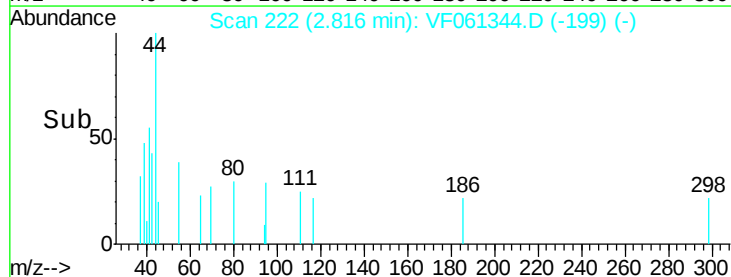
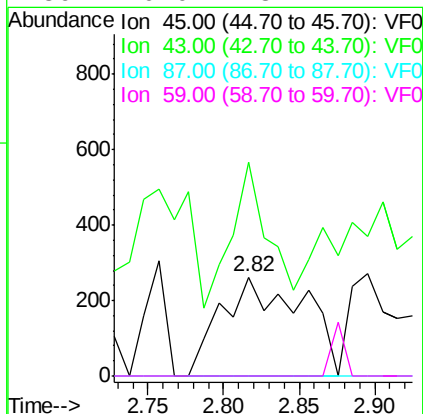
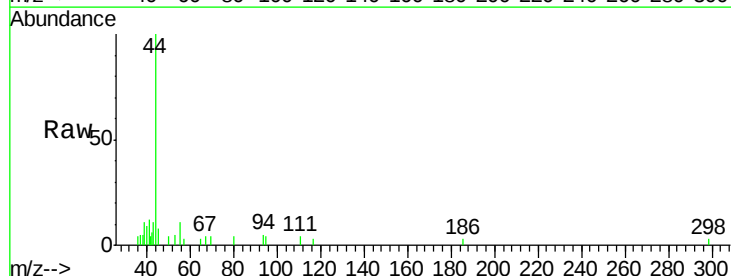
#20
Methvlene Chloride
Concen: 3.231 ug/l
RT: 2.19 min Scan# 158
Delta R.T. 0.00 min
Lab File: VF061344.D
Acq: 10 Jan 2019 15:19

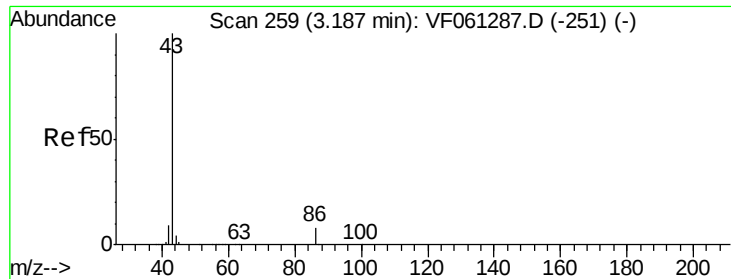
Tot Ion: 84 Resp: 248
Ion Ratio Lower Upper
84 100
49 57.7 116.6 175.0#
51 49.6 37.7 56.5
86 0.0 49.8 74.8#



#22
Diisopropyl ether
Concen: 3.782 ug/l
RT: 2.82 min Scan# 222
Delta R.T. 0.02 min
Lab File: VF061344.D
Acq: 10 Jan 2019 15:19

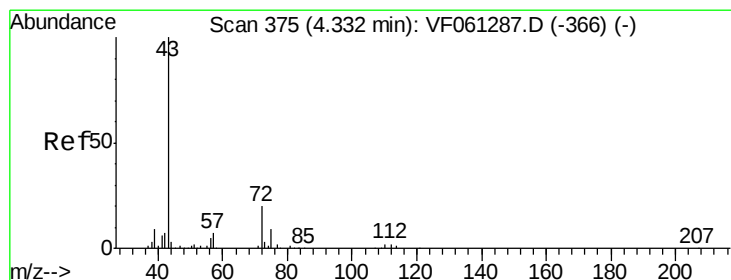
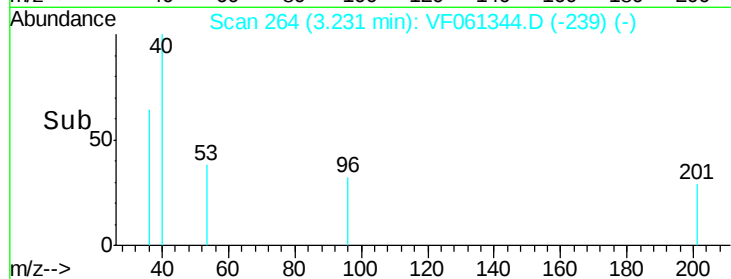
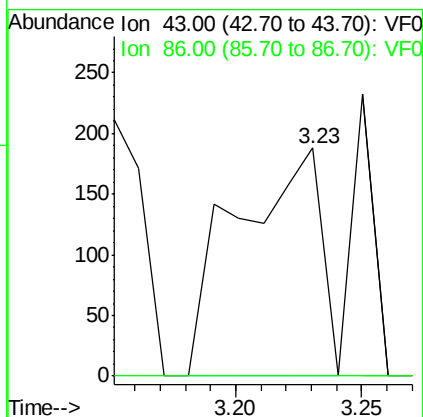
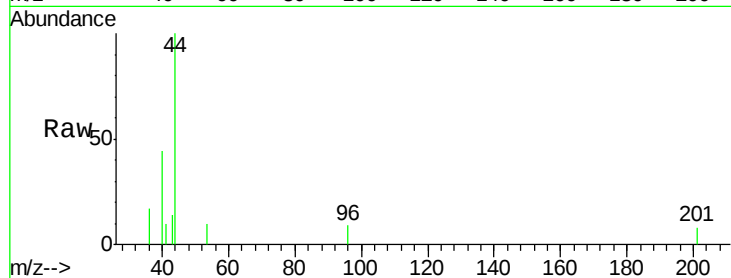
Tgt Ion: 45 Resp: 985
Ion Ratio Lower Upper
45 100
43 216.0 37.4 56.2#
87 0.0 14.2 21.2#
59 0.0 8.2 12.2#





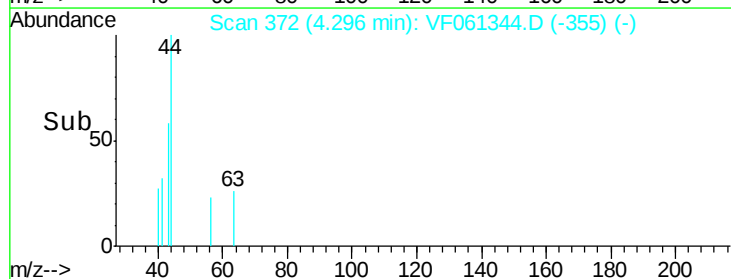
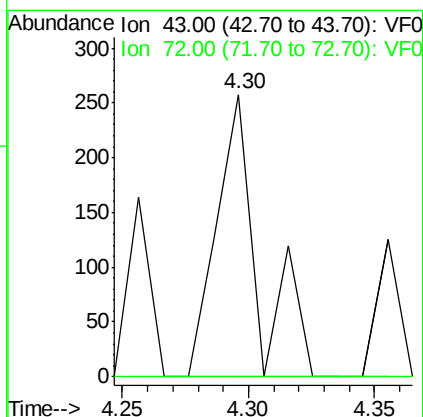
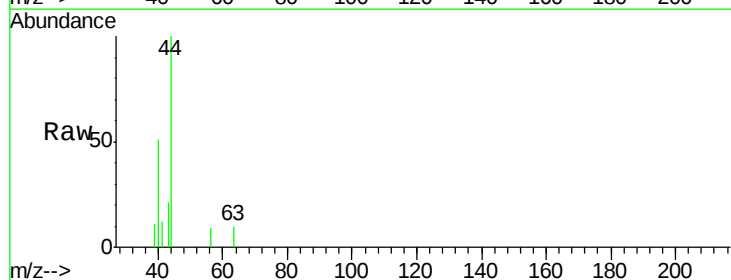
#23
 Vinyl Acetate
 Concen: 5.777 ug/l
 RT: 3.23 min Scan# 264
 Delta R.T. 0.04 min
 Lab File: VF061344.D
 Acq: 10 Jan 2019 15:19

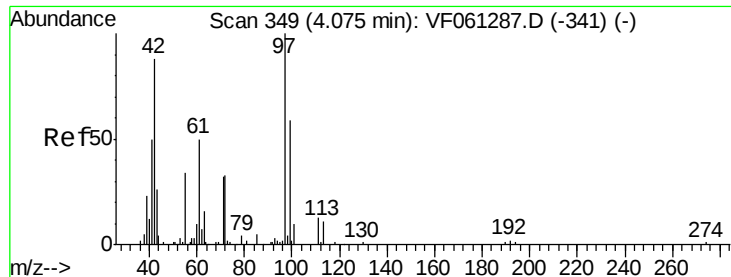
Tot Ion: 43 Resp: 440
 Ion Ratio Lower Upper
 43 100
 86 0.0 6.5 9.7#



#25
 2-Butanone
 Concen: 10.204 ug/l
 RT: 4.30 min Scan# 372
 Delta R.T. -0.04 min
 Lab File: VF061344.D
 Acq: 10 Jan 2019 15:19

Tgt Ion: 43 Resp: 298
 Ion Ratio Lower Upper
 43 100
 72 0.0 16.5 24.7#





#29

Tetrahydrofuran

Concen: 6.552 ug/l

RT: 4.08 min Scan# 350

Delta R.T. 0.00 min

Lab File: VF061344.D

Acq: 10 Jan 2019 15:19

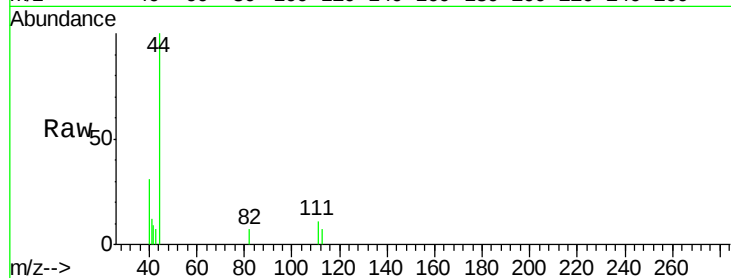
Tot Ion: 42 Resp: 80

Ion Ratio Lower Upper

42 100

72 0.0 32.3 48.5#

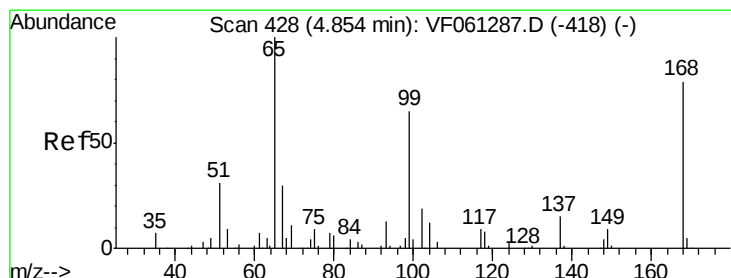
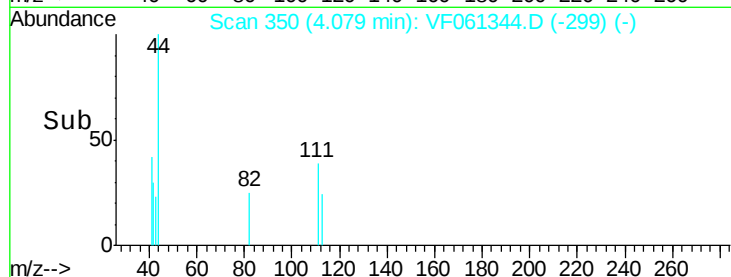
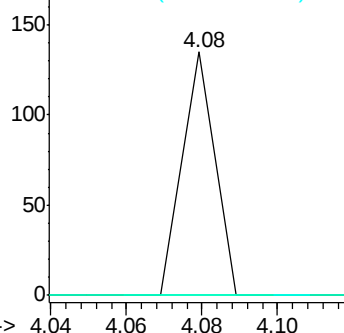
71 0.0 29.5 44.3#



Abundance Ion 42.00 (41.70 to 42.70): VF0

Ion 72.00 (71.70 to 72.70): VF0

Ion 71.00 (70.70 to 71.70): VF0



#33

1,2-Dichloroethane-d4

Concen: 20.192 ug/l

RT: 4.86 min Scan# 429

Delta R.T. 0.00 min

Lab File: VF061344.D

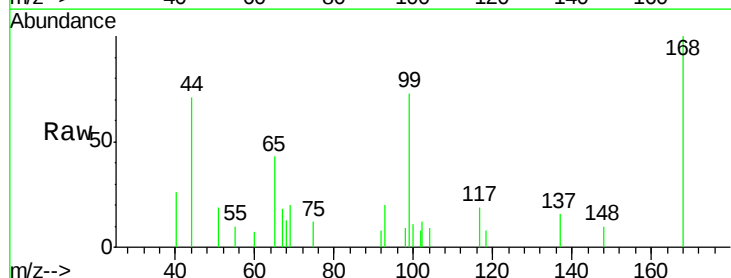
Acq: 10 Jan 2019 15:19

Tgt Ion: 65 Resp: 1575

Ion Ratio Lower Upper

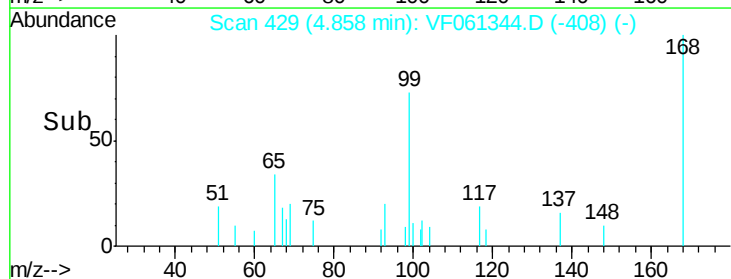
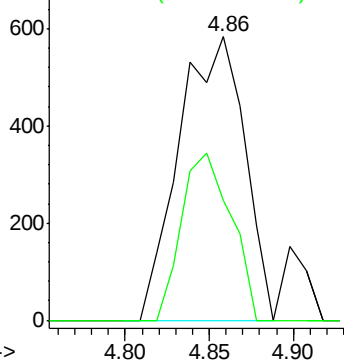
65 100

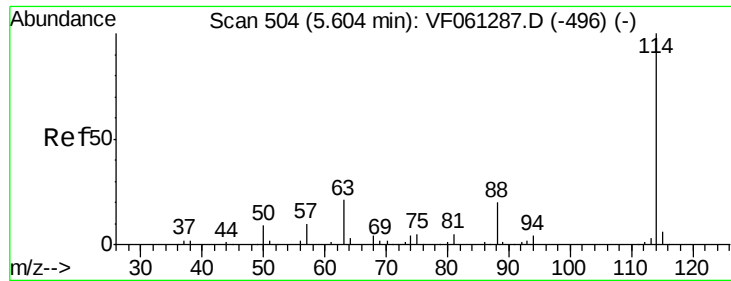
67 42.5 0.0 98.2



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: VF061344.D

Acq: 10 Jan 2019 15:19

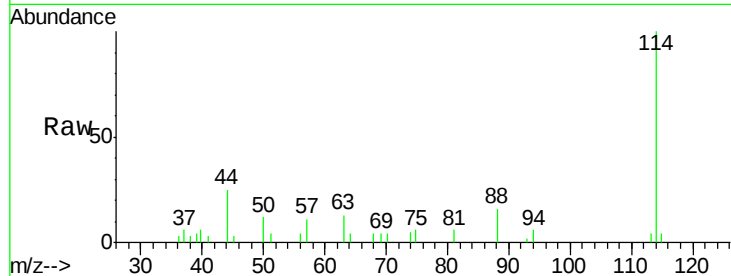
Tot Ion:114 Resp: 10474

Ion Ratio Lower Upper

114 100

63 12.5 0.0 42.8

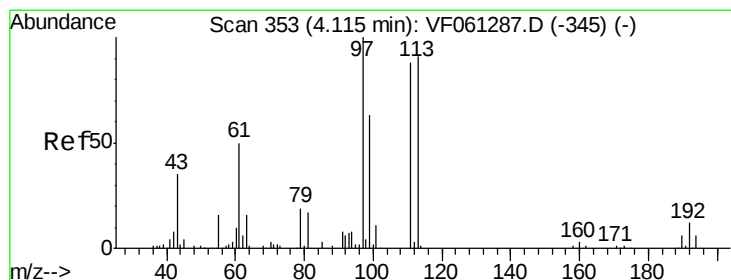
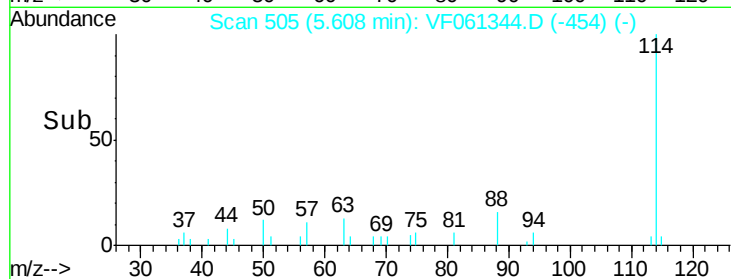
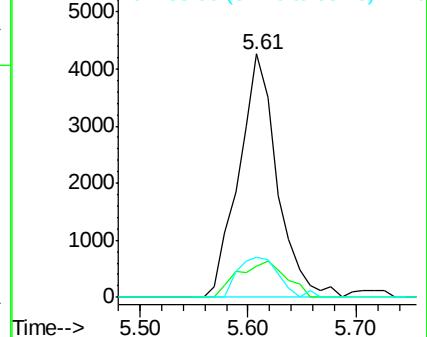
88 16.3 0.0 40.0



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: 32.267 ug/l

RT: 4.12 min Scan# 354

Delta R.T. 0.00 min

Lab File: VF061344.D

Acq: 10 Jan 2019 15:19

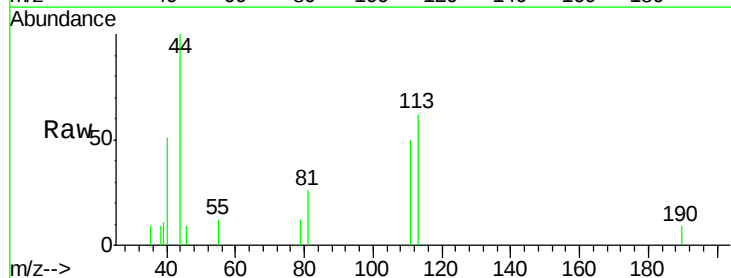
Tgt Ion:113 Resp: 2586

Ion Ratio Lower Upper

113 100

111 80.2 78.0 117.0

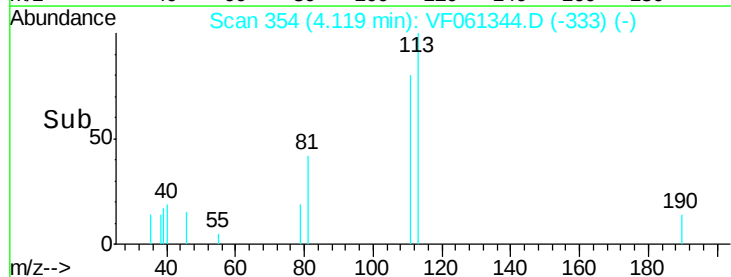
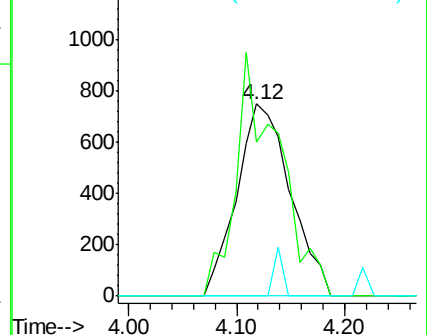
192 0.0 10.6 16.0#

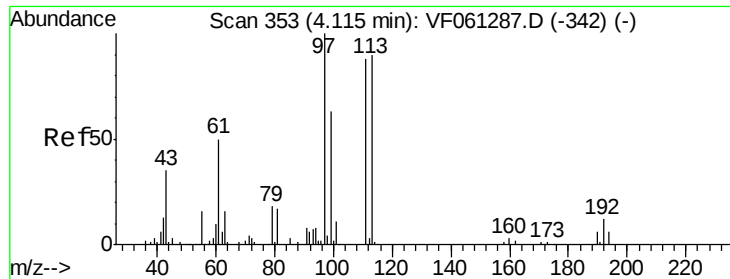


Abundance Ion 113.00 (112.70 to 113.70): V

Ion 111.00 (110.70 to 111.70): V

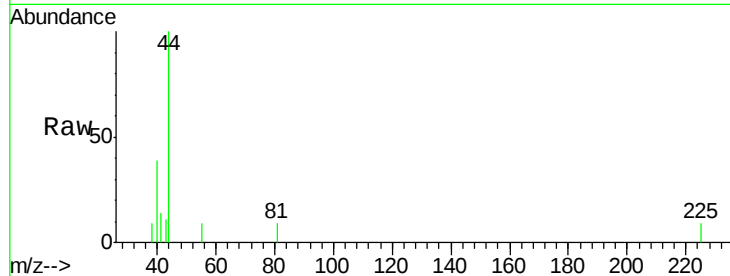
Ion 192.00 (191.70 to 192.70): V



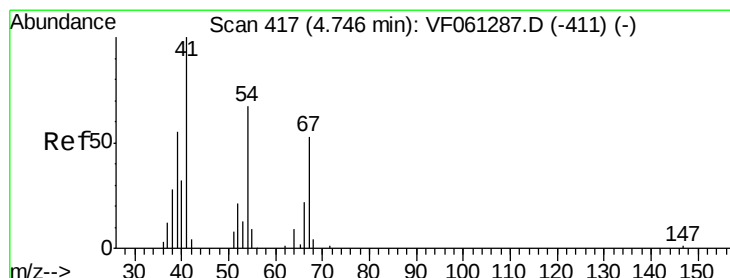
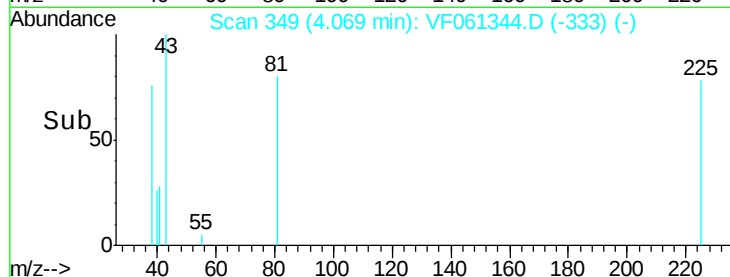
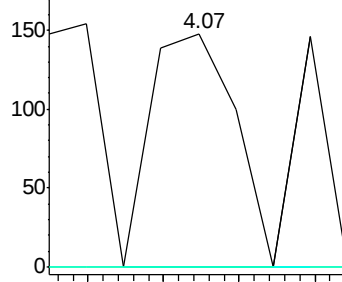


#37
Ethyl Acetate
Concen: 5.141 ug/l
RT: 4.07 min Scan# 349
Delta R.T. -0.05 min
Lab File: VF061344.D
Acq: 10 Jan 2019 15:19

Tot Ion: 43 Resp: 229
Ion Ratio Lower Upper
43 100
61 0.0 113.3 169.9#
70 0.0 9.4 14.0#

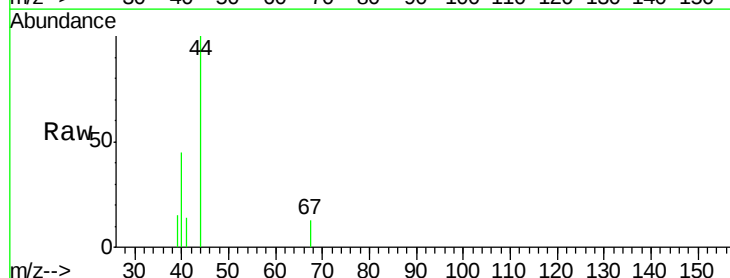


Abundance Ion 43.00 (42.70 to 43.70): VF0
Ion 61.00 (60.70 to 61.70): VF0
Ion 70.00 (69.70 to 70.70): VF0

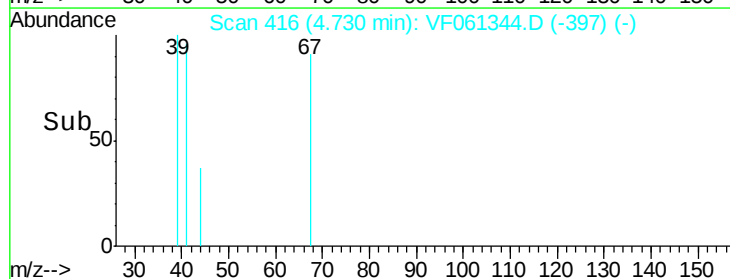
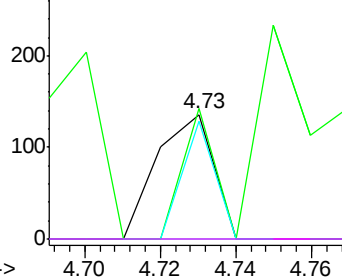


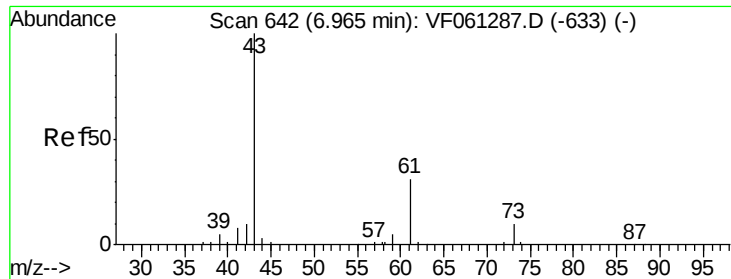
#41
Methacrylonitrile
Concen: 5.629 ug/l
RT: 4.73 min Scan# 416
Delta R.T. -0.02 min
Lab File: VF061344.D
Acq: 10 Jan 2019 15:19

Tgt Ion: 41 Resp: 140
Ion Ratio Lower Upper
41 100
39 104.4 52.7 79.1#
67 94.9 41.4 62.2#
52 0.0 33.0 49.4#



Abundance Ion 41.00 (40.70 to 41.70): VF0
Ion 39.00 (38.70 to 39.70): VF0
Ion 67.00 (66.70 to 67.70): VF0
Ion 52.00 (51.70 to 52.70): VF0





#43

Isopropyl Acetate

Concen: 1.650 ug/l

RT: 7.02 min Scan# 648

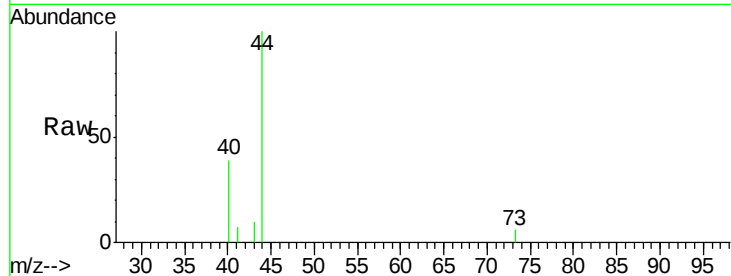
Delta R.T. 0.05 min

Lab File: VF061344.D

Acq: 10 Jan 2019 15:19

Tot Ion: 43 Resp: 97

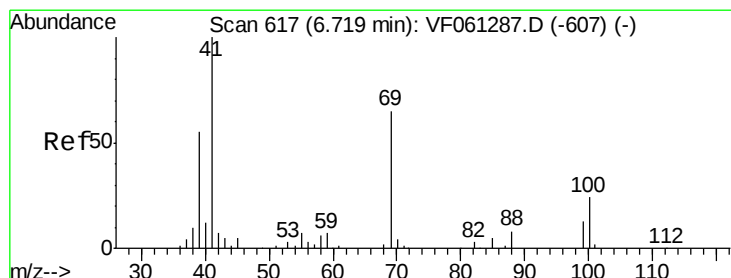
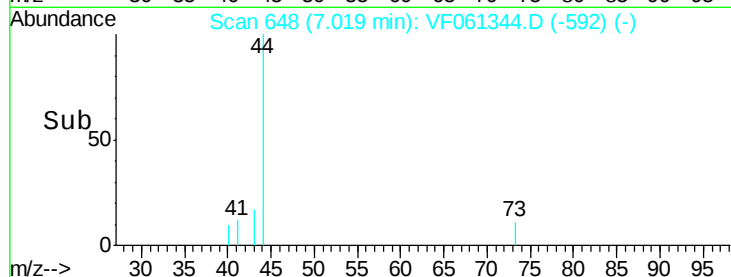
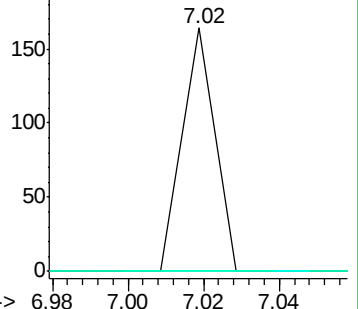
Ion	Ratio	Lower	Upper
43	100		
61	0.0	24.3	36.5#
87	0.0	0.2	0.4#



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



#48

Methyl methacrylate

Concen: 1.755 ug/l

RT: 6.72 min Scan# 618

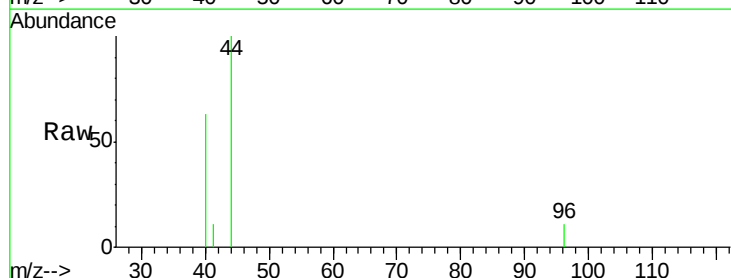
Delta R.T. 0.00 min

Lab File: VF061344.D

Acq: 10 Jan 2019 15:19

Tgt Ion: 41 Resp: 67

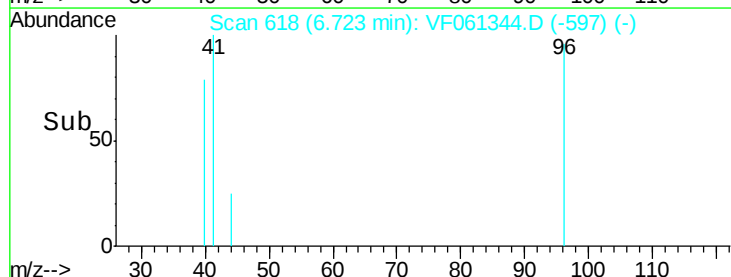
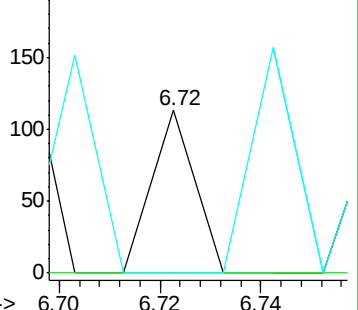
Ion	Ratio	Lower	Upper
41	100		
69	0.0	51.5	77.3#
39	0.0	44.1	66.1#

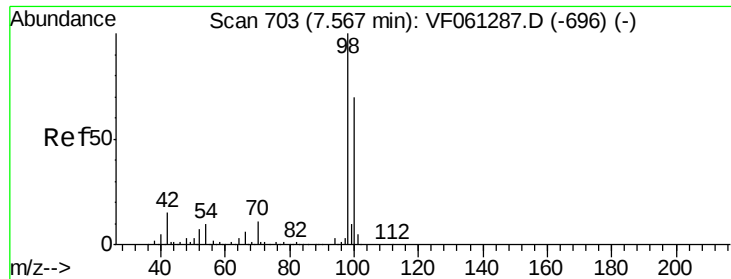


Abundance Ion 41.00 (40.70 to 41.70): VF0

Ion 69.00 (68.70 to 69.70): VF0

Ion 39.00 (38.70 to 39.70): VF0





#50

Toluene-d8

Concen: 41.992 ug/l

RT: 7.56 min Scan# 703

Delta R.T. -0.01 min

Lab File: VF061344.D

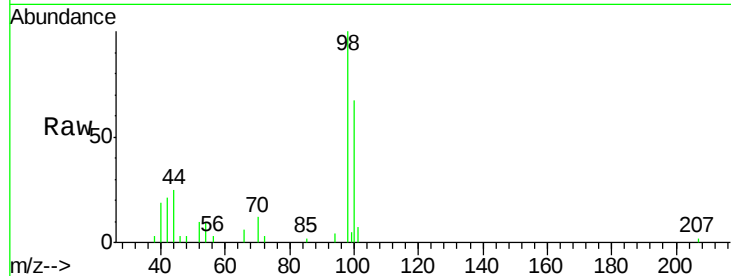
Acq: 10 Jan 2019 15:19

Tot Ion: 98 Resp: 9959

Ion Ratio Lower Upper

98 100

100 67.1 55.6 83.4



Abundance Ion 98.00 (97.70 to 98.70): VF0

Ion 100.00 (99.70 to 100.70): VF0

7.56

4000

3000

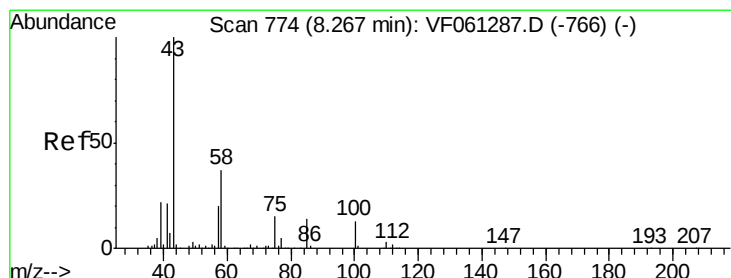
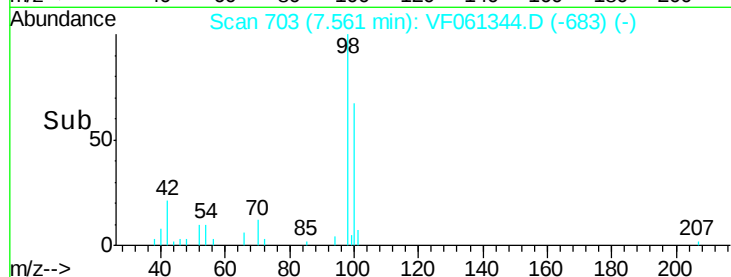
2000

1000

0

7.50 7.55 7.60 7.65

Time-->



#51

4-Methyl-2-Pentanone

Concen: 6.917 ug/l

RT: 8.28 min Scan# 776

Delta R.T. 0.01 min

Lab File: VF061344.D

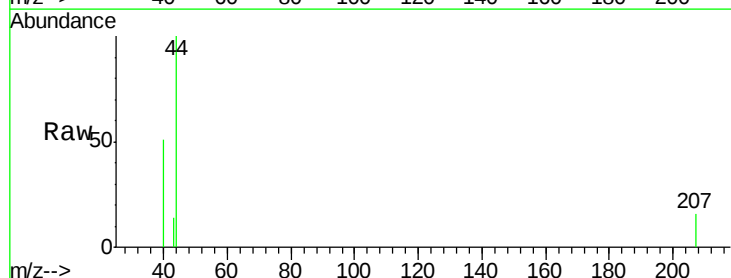
Acq: 10 Jan 2019 15:19

Tgt Ion: 43 Resp: 307

Ion Ratio Lower Upper

43 100

58 0.0 29.6 44.4#



Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 58.00 (57.70 to 58.70): VF0

8.28

250

200

150

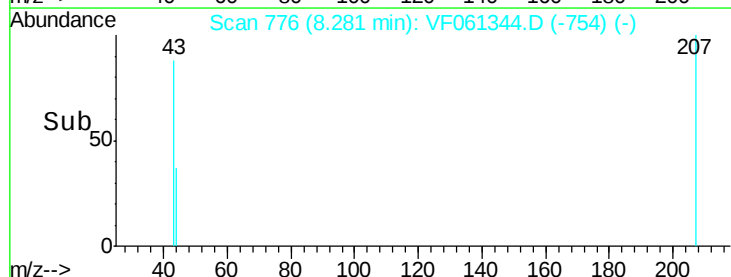
100

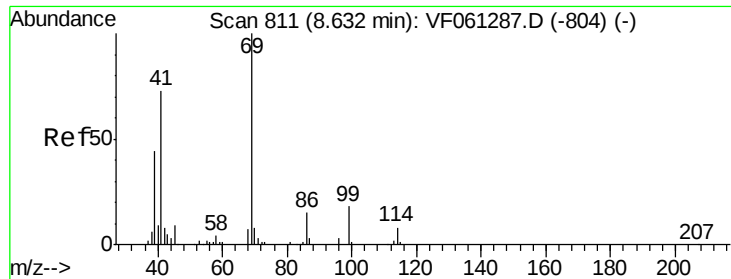
50

0

8.20 8.25 8.30

Time-->





#56

Ethyl methacrylate

Concen: 1.307 ug/l

RT: 8.65 min Scan# 813

Delta R.T. 0.01 min

Lab File: VF061344.D

Acq: 10 Jan 2019 15:19

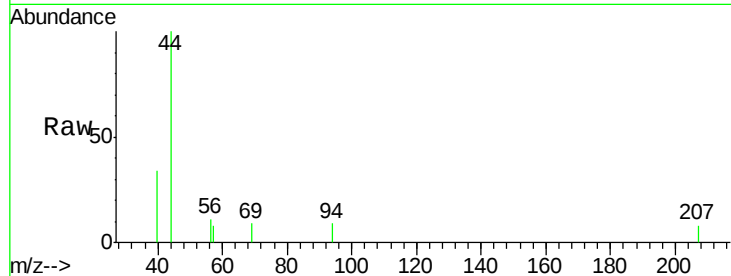
Tot Ion: 69 Resp: 75

Ion Ratio Lower Upper

69 100

41 0.0 59.0 88.4#

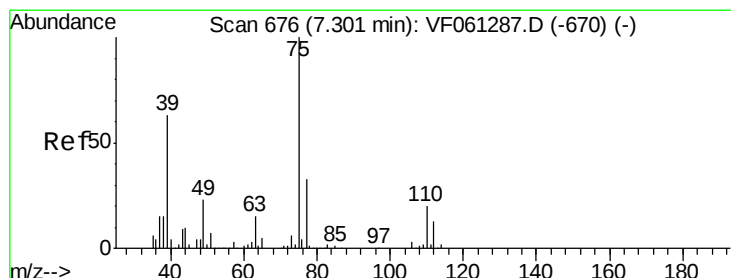
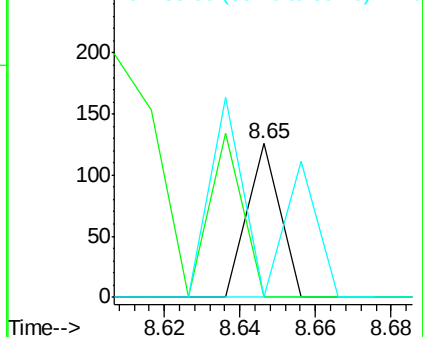
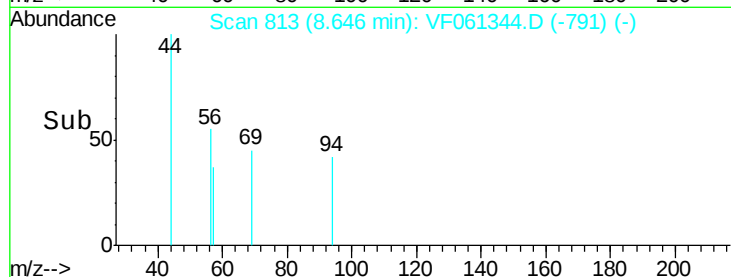
39 0.0 35.3 52.9#



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



#58

2-Chloroethyl Vinyl ether

Concen: 24.528 ug/l

RT: 7.32 min Scan# 679

Delta R.T. 0.02 min

Lab File: VF061344.D

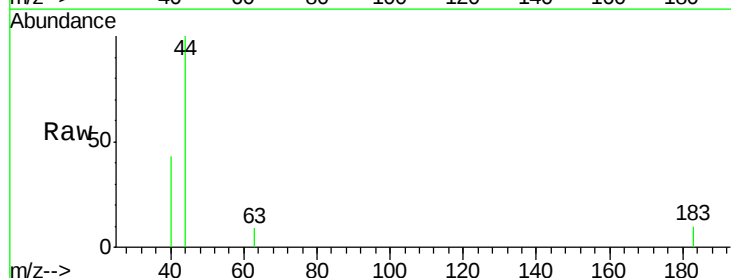
Acq: 10 Jan 2019 15:19

Tgt Ion: 63 Resp: 60

Ion Ratio Lower Upper

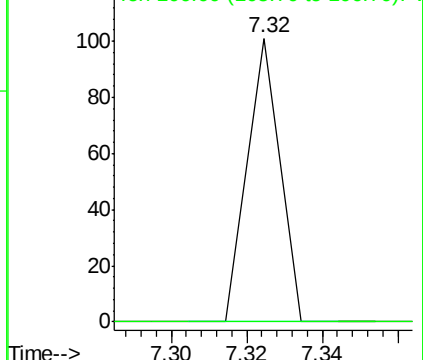
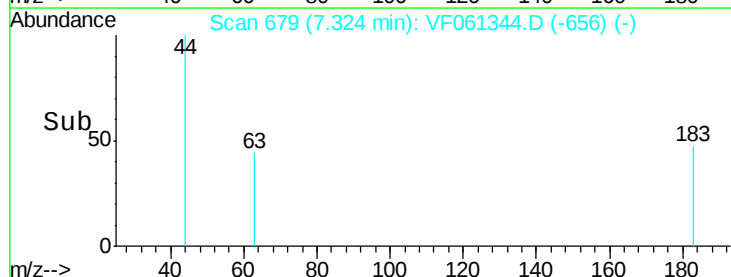
63 100

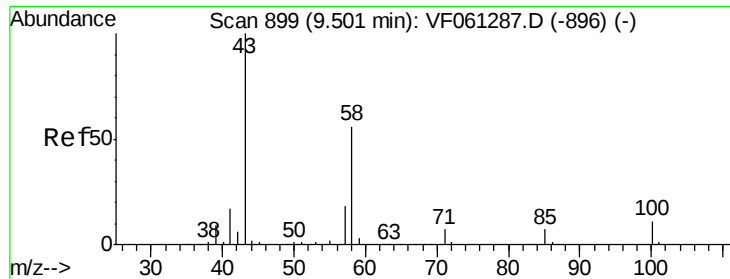
106 0.0 16.5 24.7#



Abundance Ion 63.00 (62.70 to 63.70): VF0

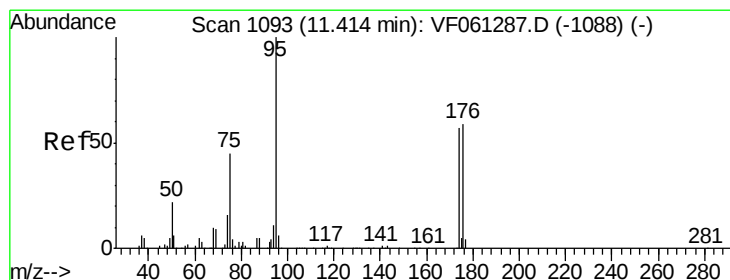
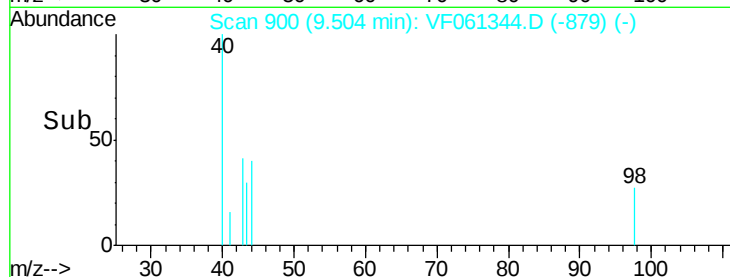
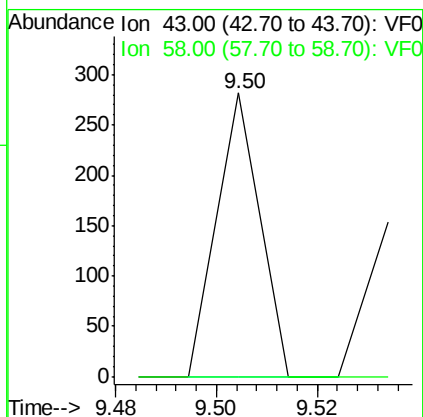
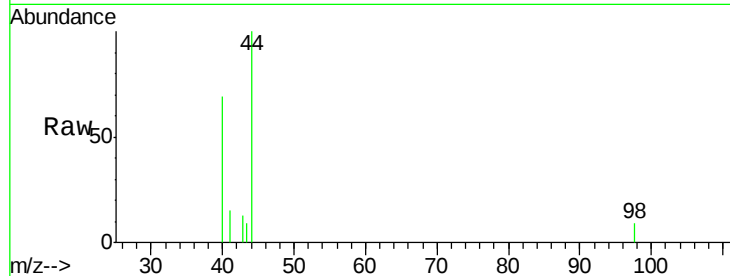
Ion 106.00 (105.70 to 106.70): V





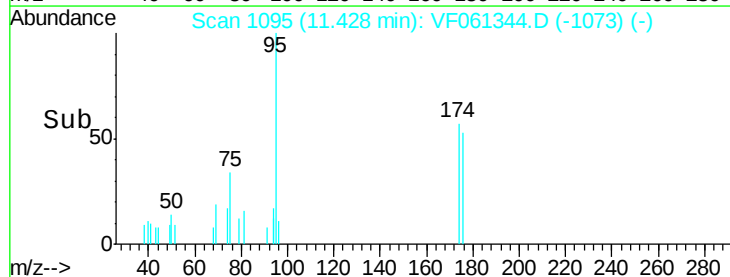
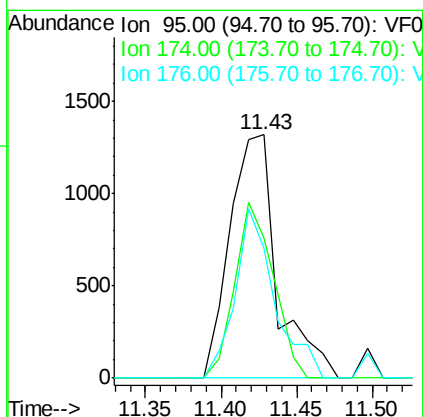
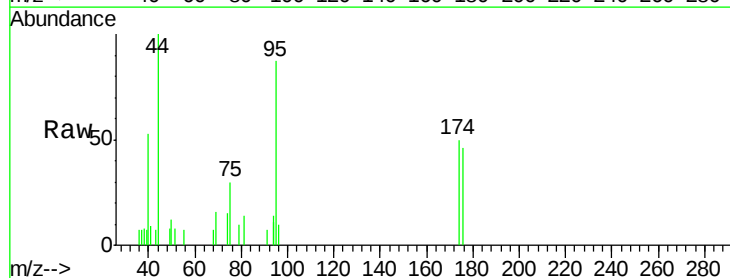
#59
2-Hexanone
Concen: 5.311 ug/l
RT: 9.50 min Scan# 900
Delta R.T. 0.00 min
Lab File: VF061344.D
Acq: 10 Jan 2019 15:19

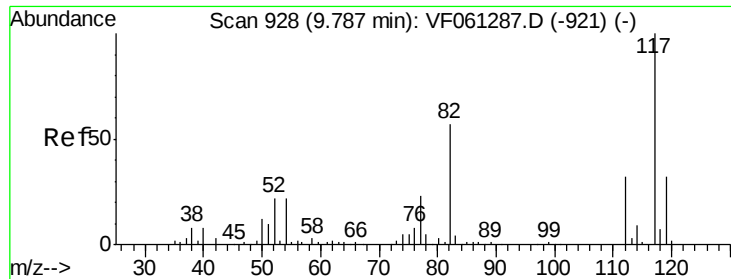
Tot Ion: 43 Resp: 167
Ion Ratio Lower Upper
43 100
58 0.0 25.6 76.8#



#62
4-Bromofluorobenzene
Concen: 27.771 ug/l
RT: 11.43 min Scan# 1095
Delta R.T. 0.01 min
Lab File: VF061344.D
Acq: 10 Jan 2019 15:19

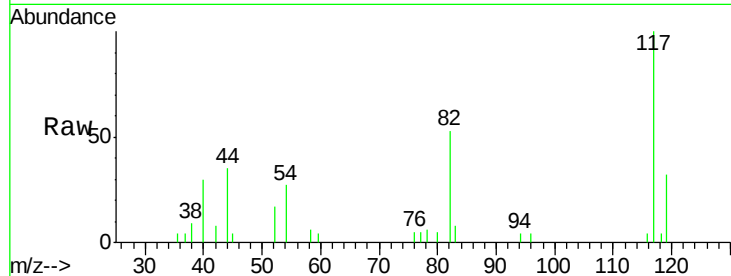
Tgt Ion: 95 Resp: 2876
Ion Ratio Lower Upper
95 100
174 57.2 0.0 114.2
176 53.3 0.0 117.8



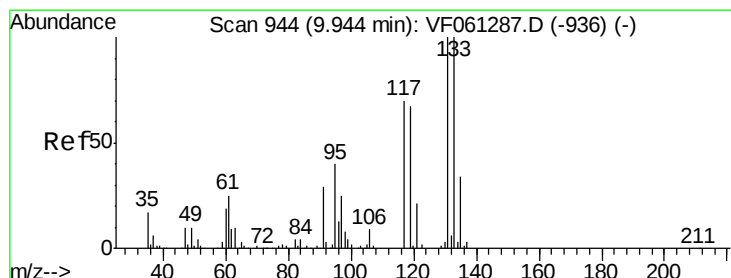
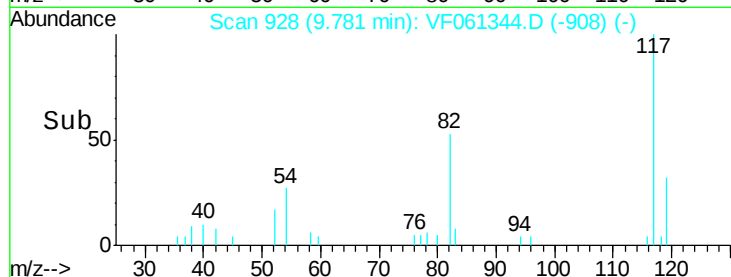
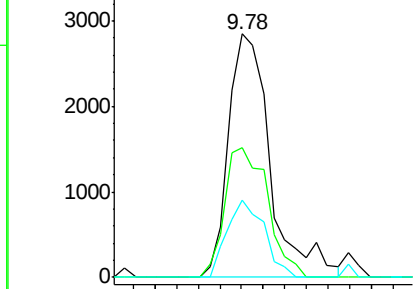


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.78 min Scan# 928
Delta R.T. -0.01 min
Lab File: VF061344.D
Acq: 10 Jan 2019 15:19

Tot Ion:117 Resp: 7677
Ion Ratio Lower Upper
117 100
82 53.5 45.3 67.9
119 31.9 25.4 38.0

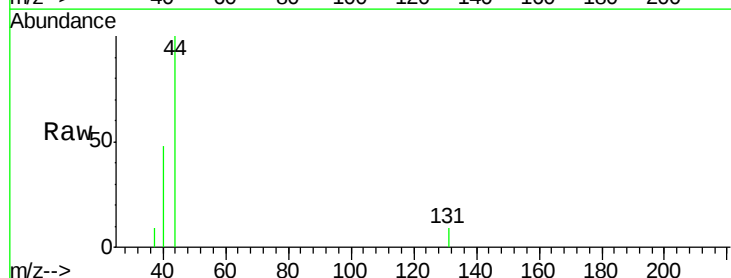


Abundance Ion 117.00 (116.70 to 117.70): V
Ion 82.00 (81.70 to 82.70): V
Ion 119.00 (118.70 to 119.70): V

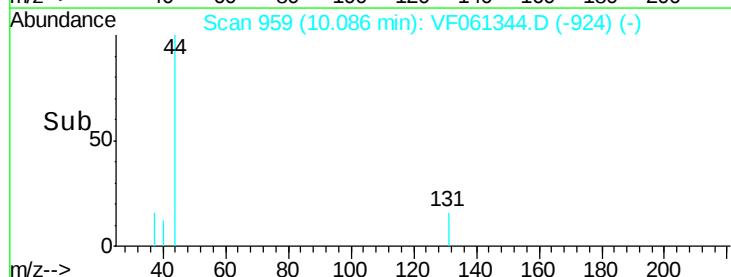
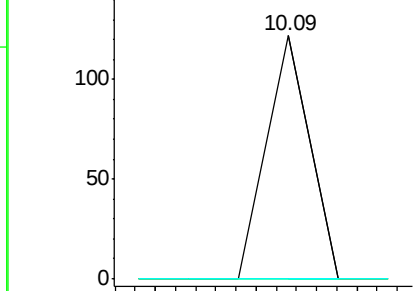


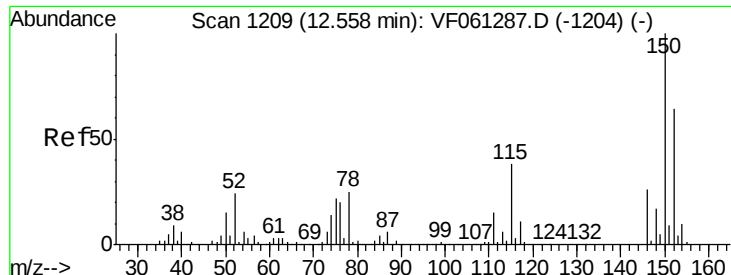
#66
1,1,1,2-Tetrachloroethane
Concen: 1.138 ug/l
RT: 10.09 min Scan# 959
Delta R.T. 0.14 min
Lab File: VF061344.D
Acq: 10 Jan 2019 15:19

Tgt Ion:131 Resp: 72
Ion Ratio Lower Upper
131 100
133 0.0 49.9 149.6#
119 0.0 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

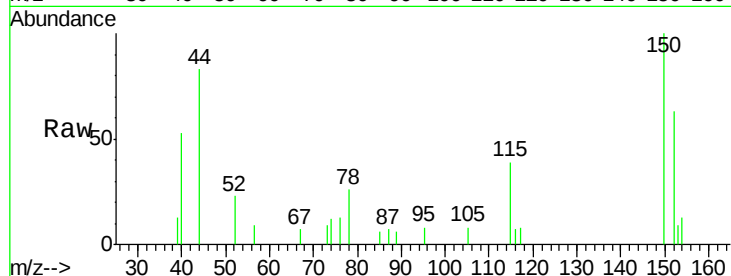




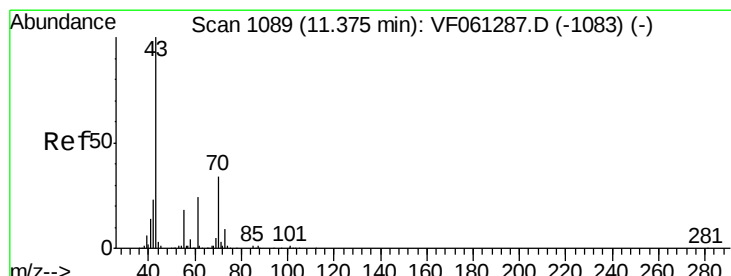
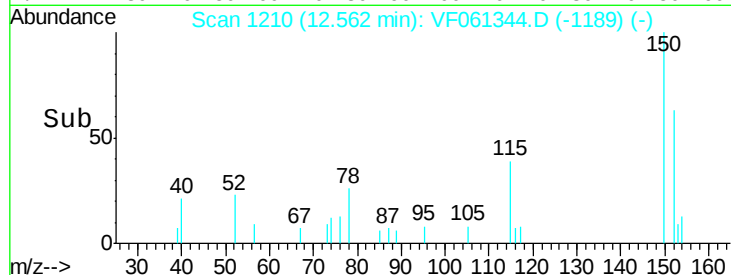
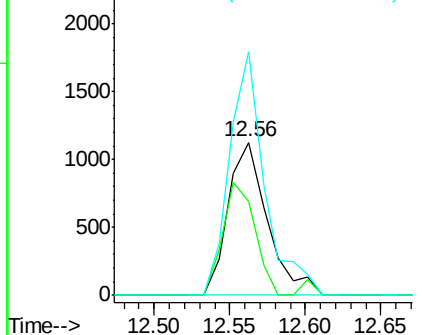
#72

1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.56 min Scan# 1210
Delta R.T. 0.00 min
Lab File: VF061344.D
Acq: 10 Jan 2019 15:19

Tot Ion:152 Resp: 2047
Ion Ratio Lower Upper
152 100
115 61.6 29.6 88.9
150 158.8 0.0 315.4



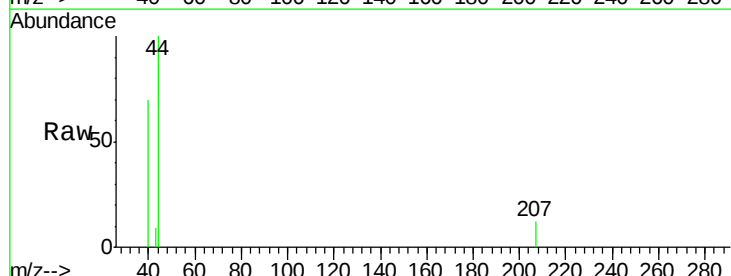
Abundance Ion 152.00 (151.70 to 152.70): V
Ion 115.00 (114.70 to 115.70): V
Ion 150.00 (149.70 to 150.70): V



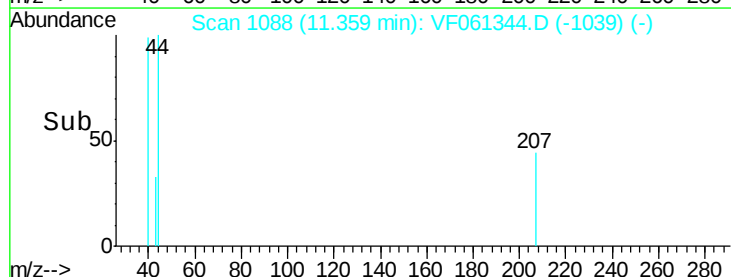
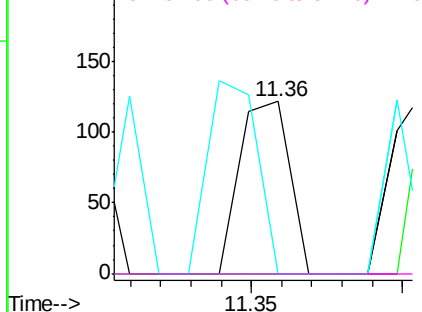
#74

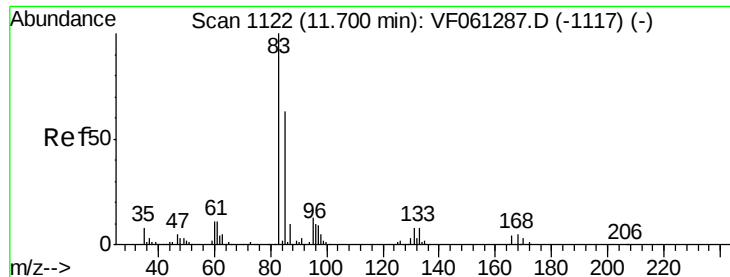
N-amil acetate
Concen: 3.419 ug/l
RT: 11.36 min Scan# 1088
Delta R.T. -0.02 min
Lab File: VF061344.D
Acq: 10 Jan 2019 15:19

Tgt Ion: 43 Resp: 140
Ion Ratio Lower Upper
43 100
70 0.0 27.4 41.0#
55 0.0 14.7 22.1#
61 0.0 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





#75

1,1,2,2-Tetrachloroethane

Concen: 2.171 ug/l

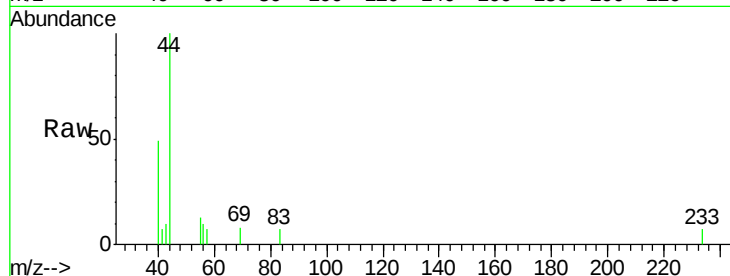
RT: 11.67 min Scan# 1120

Delta R.T. -0.03 min

Lab File: VF061344.D

Acq: 10 Jan 2019 15:19

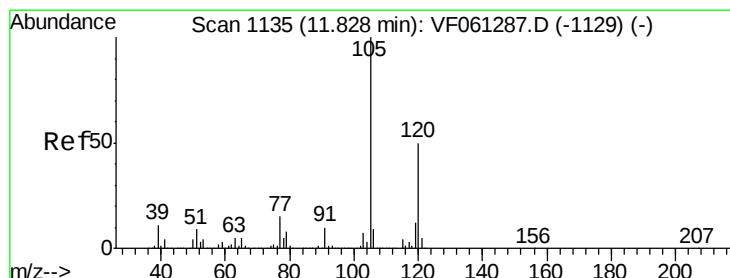
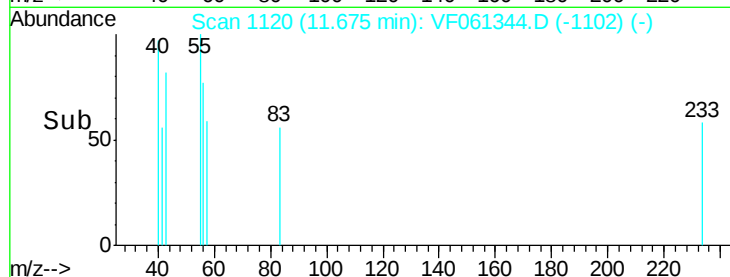
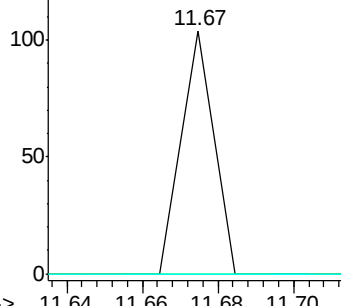
Tot Ion	83.00	Resp	62
Ion	Ratio	Lower	Upper
83	100		
131	0.0	3.9	11.7#
85	0.0	31.6	94.7#



Abundance Ion 83.00 (82.70 to 83.70): VF0

Ion 131.00 (130.70 to 131.70): V

Ion 85.00 (84.70 to 85.70): VF0



#80

1,3,5-Trimethylbenzene

Concen: 1.786 ug/l

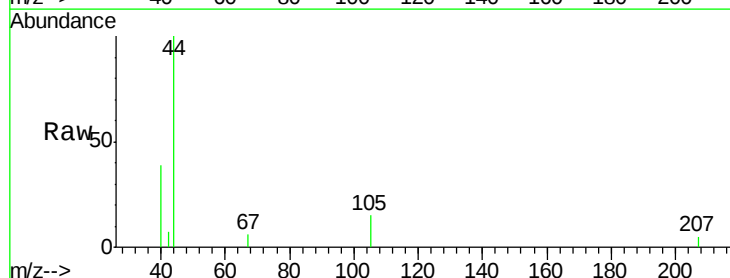
RT: 11.83 min Scan# 1136

Delta R.T. 0.00 min

Lab File: VF061344.D

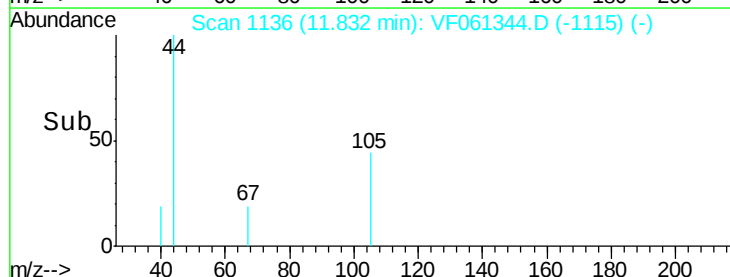
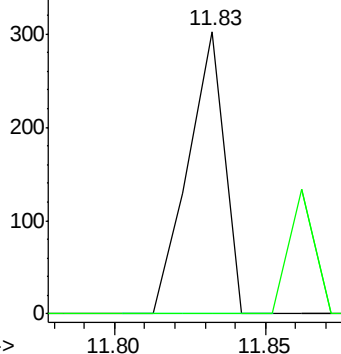
Acq: 10 Jan 2019 15:19

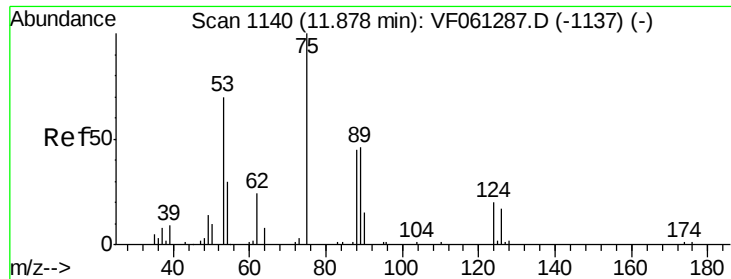
Tgt Ion	105.00	Resp	256
Ion	Ratio	Lower	Upper
105	100		
120	0.0	25.2	75.6#



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 8.521 ug/l

RT: 11.98 min Scan# 1151

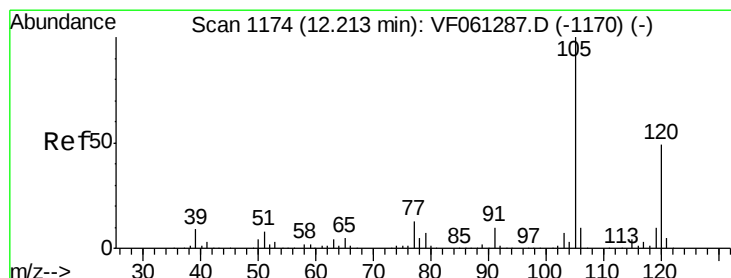
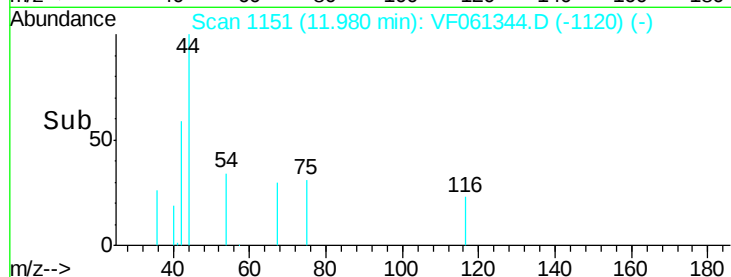
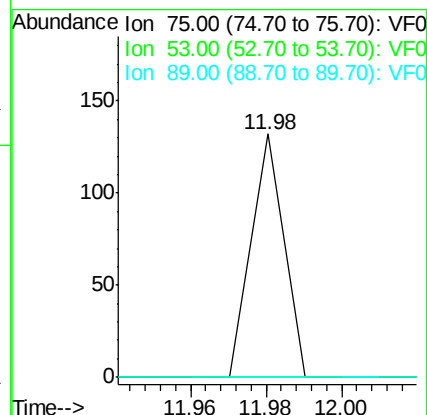
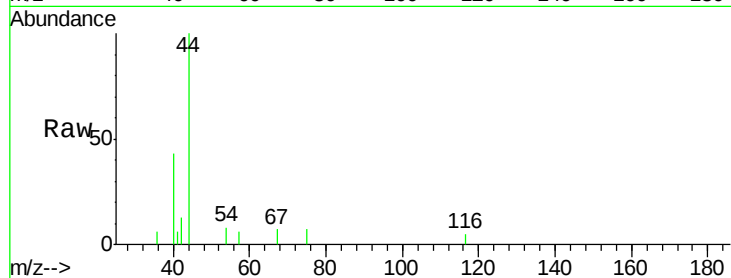
Delta R.T. 0.10 min

Lab File: VF061344.D

Acq: 10 Jan 2019 15:19

Tot Ion: 75 Resp: 78

Ion	Ratio	Lower	Upper
75	100		
53	0.0	62.2	93.2#
89	0.0	40.2	60.4#



#84

1,2,4-Trimethylbenzene

Concen: 4.786 ug/l

RT: 12.21 min Scan# 1174

Delta R.T. -0.01 min

Lab File: VF061344.D

Acq: 10 Jan 2019 15:19

Tgt Ion: 105 Resp: 681

Ion	Ratio	Lower	Upper
105	100		
120	47.6	24.7	74.1

