

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF011019\
 Data File : VF061346.D
 Acq On : 10 Jan 2019 16:17
 Operator : VA/AP
 Sample : K1006-15
 Misc : 7.07µ/5mL/MSVOA-F/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Quant Time: Jan 11 00:31:26 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	472	50.00	ug/l	0.02
34) 1,4-Difluorobenzene	5.60	114	389	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.78	117	260	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	0.00	152	0	0.00	ug/l	-12.56

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.86	65	79	15.04	ug/l	0.00
Spiked Amount	50.000		Recovery	=	30.08%	
35) Dibromofluoromethane	0.00	113	0	0.00	ug/l	
Spiked Amount	50.000		Recovery	=	0.00%	
50) Toluene-d8	7.57	98	510	57.90	ug/l	0.00
Spiked Amount	50.000		Recovery	=	115.80%	
62) 4-Bromofluorobenzene	11.53	95	62	16.12	ug/l	0.12
Spiked Amount	50.000		Recovery	=	32.24%	

Target Compounds						Qvalue
3) Chloromethane	0.99	50	137	17.658	ug/l #	40
4) Vinyl Chloride	1.09	62	117	16.885	ug/l #	43
5) Bromomethane	1.32	94	274	51.295	ug/l #	6
7) Trichlorofluoromethane	1.51	101	60	5.108	ug/l #	19
8) Diethyl Ether	1.52	74	127	73.624	ug/l	72
9) 1,1,2-Trichlorotrifluoroet	1.90	101	62	9.996	ug/l #	23
10) Methyl Iodide	1.83	142	64	6.586	ug/l #	32
12) 1,1-Dichloroethene	1.76	96	160	32.258	ug/l #	1
13) Acrolein	2.11	56	239	1118.486	ug/l	87
14) Allyl chloride	2.10	41	548	60.445	ug/l #	45
15) Acrylonitrile	2.95	53	486	651.760	ug/l #	27
16) Acetone	2.26	43	819	670.144	ug/l #	55
17) Carbon Disulfide	1.76	76	59	3.601	ug/l #	74
18) Methyl Acetate	2.31	43	793	329.801	ug/l #	65
19) Methyl tert-butyl Ether	2.43	73	80	8.464	ug/l #	1
21) trans-1,2-Dichloroethene	2.35	96	61	11.606	ug/l #	1
22) Diisopropyl ether	2.78	45	313	17.845	ug/l #	1
23) Vinyl Acetate	3.23	43	371	72.328	ug/l #	77
24) 1,1-Dichloroethane	2.81	63	61	6.012	ug/l #	87
25) 2-Butanone	4.31	43	191	97.102	ug/l #	56
26) 2,2-Dichloropropane	3.58	77	66	9.735	ug/l #	60
27) cis-1,2-Dichloroethene	3.52	96	62	8.449	ug/l	1
29) Tetrahydrofuran	4.08	42	182	221.298	ug/l #	36
30) Chloroform	3.84	83	62	4.814	ug/l #	16
31) Cyclohexane	3.77	56	67	6.295	ug/l #	14
37) Ethyl Acetate	4.12	43	82	49.570	ug/l #	1
40) Benzene	4.56	78	62	5.846	ug/l #	51
41) Methacrylonitrile	4.73	41	188	203.511	ug/l #	54
43) Isopropyl Acetate	6.95	43	128	58.608	ug/l #	45
45) 1,2-Dichloropropane	6.37	63	64	23.731	ug/l #	43
48) Methyl methacrylate	6.69	41	272	191.873	ug/l #	10
49) 1,4-Dioxane	6.72	88	69	7713.878	ug/l #	20
51) 4-Methyl-2-Pentanone	8.28	43	231	140.130	ug/l #	38
54) cis-1,3-Dichloropropene	7.42	75	62	14.458	ug/l #	29

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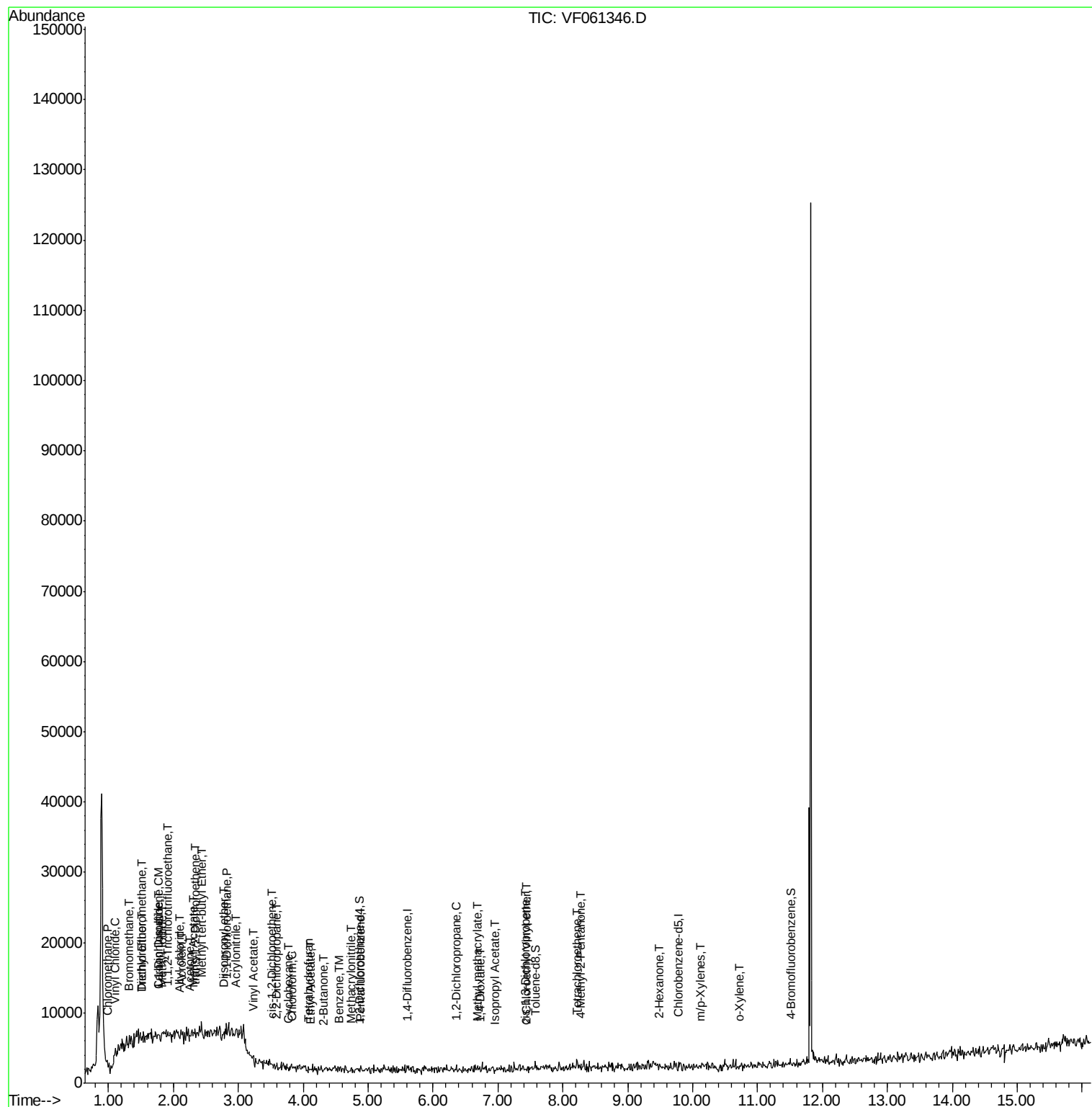
Quant Time: Jan 11 00:31:26 2019
Quant Method : Z:\HPCHEM1\MSVOA_F\METHODS\82F010819S.M
Quant Title : SW846 8260
QLast Update : Wed Jan 09 07:13:51 2019
Response via : Initial Calibration

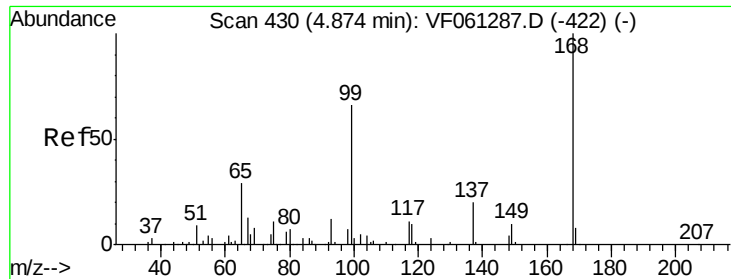
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
58) 2-Chloroethyl Vinyl ether	7.43	63	64	704.456	ug/l #	56
59) 2-Hexanone	9.50	43	268	229.480	ug/l #	27
64) Tetrachloroethene	8.23	164	73	38.563	ug/l #	1
68) m/p-Xylenes	10.12	106	75	21.240	ug/l #	73
69) o-Xylene	10.72	106	60	15.211	ug/l #	1

(#) = 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. 0.02 min

Lab File: VF061346.D

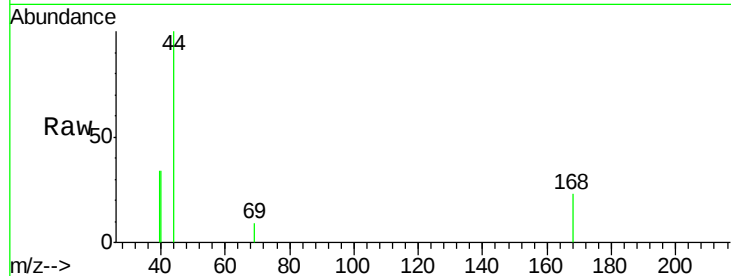
Acq: 10 Jan 2019 16:17

Tot Ion:168 Resp: 472

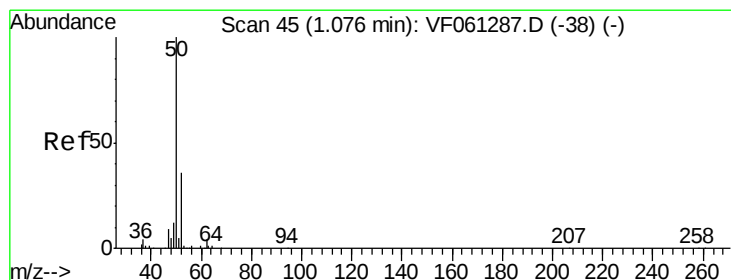
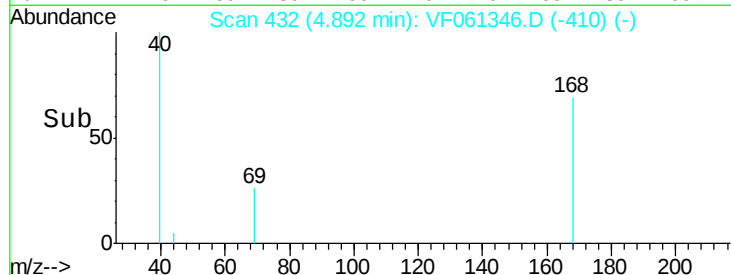
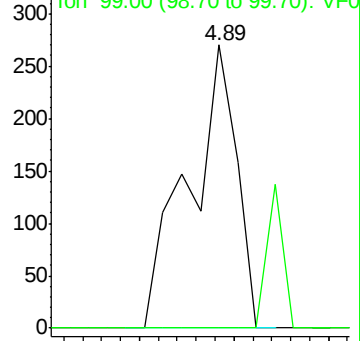
Ion Ratio Lower Upper

168 100

99 0.0 52.7 79.1#



Abundance Ion 168.00 (167.70 to 168.70): VF0



#3

Chloromethane

Concen: 17.658 ug/l

RT: 0.99 min Scan# 36

Delta R.T. -0.09 min

Lab File: VF061346.D

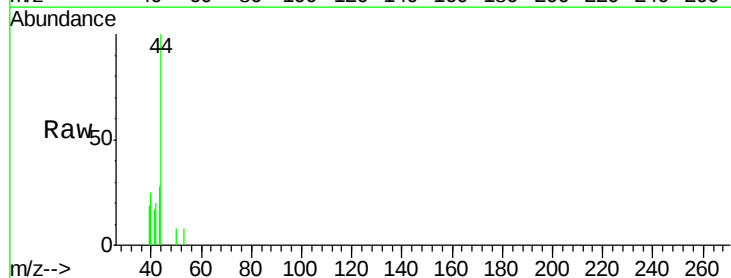
Acq: 10 Jan 2019 16:17

Tgt Ion: 50 Resp: 137

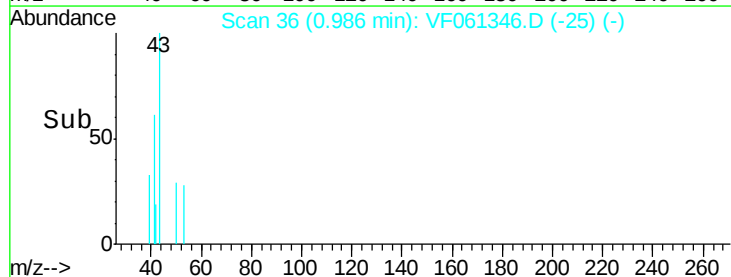
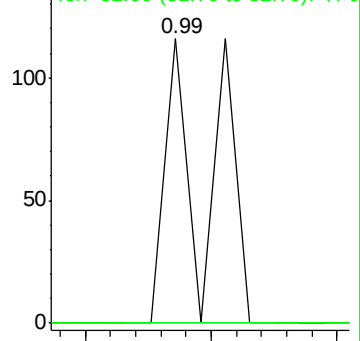
Ion Ratio Lower Upper

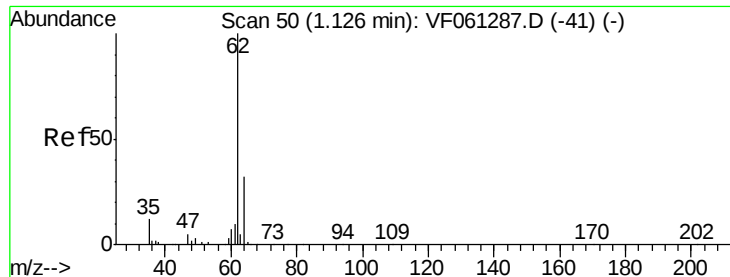
50 100

52 0.0 28.2 42.2#



Abundance Ion 50.00 (49.70 to 50.70): VF0





#4

Vinyl Chloride

Concen: 16.885 ug/l

RT: 1.09 min Scan# 47

Delta R.T. -0.03 min

Lab File: VF061346.D

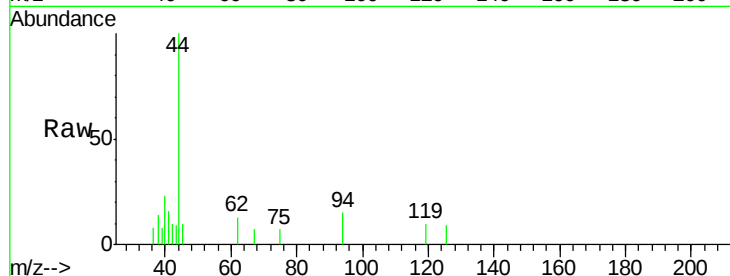
Acq: 10 Jan 2019 16:17

Tot Ion: 62 Resp: 117

Ion Ratio Lower Upper

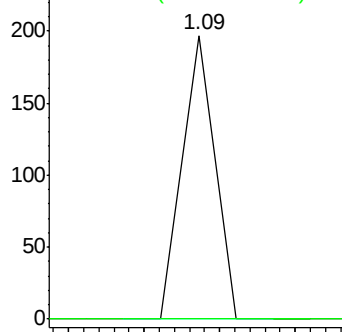
62 100

64 0.0 25.4 38.0#

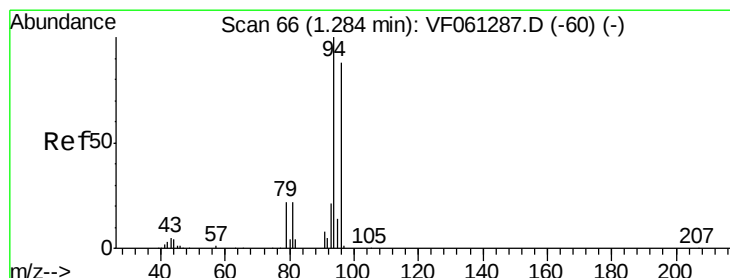
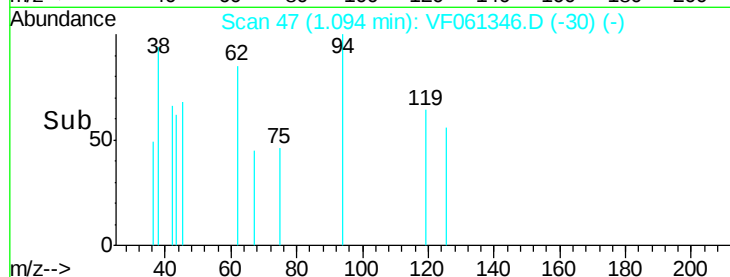


Abundance Ion 62.00 (61.70 to 62.70): VF0

Ion 64.00 (63.70 to 64.70): VF0



Time-->



#5

Bromomethane

Concen: 51.295 ug/l

RT: 1.32 min Scan# 70

Delta R.T. 0.04 min

Lab File: VF061346.D

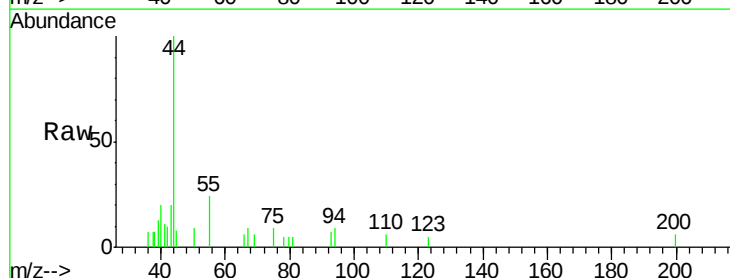
Acq: 10 Jan 2019 16:17

Tgt Ion: 94 Resp: 274

Ion Ratio Lower Upper

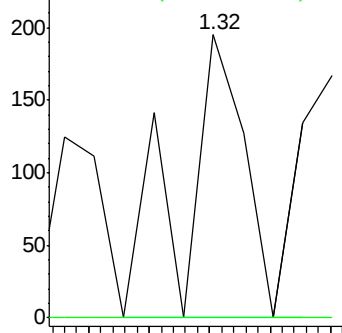
94 100

96 0.0 70.2 105.4#

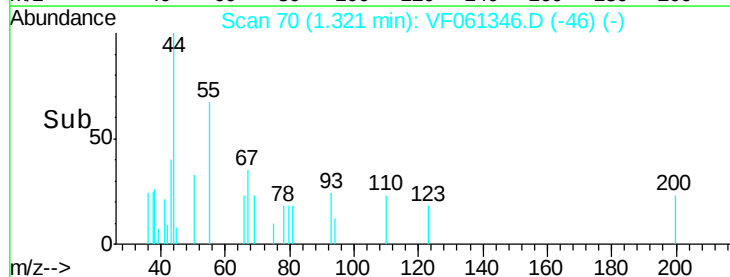


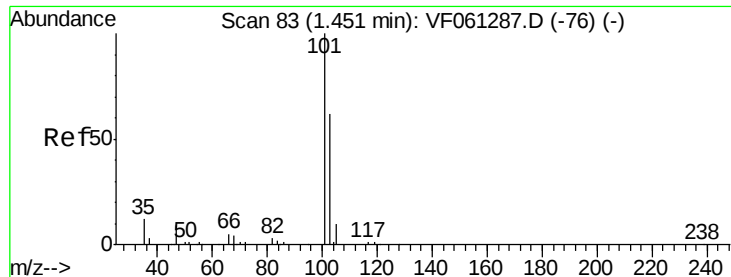
Abundance Ion 94.00 (93.70 to 94.70): VF0

Ion 96.00 (95.70 to 96.70): VF0



Time-->

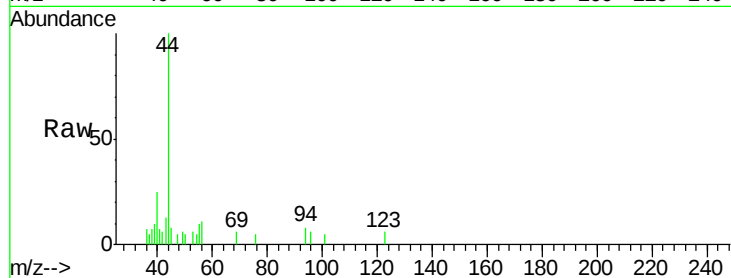




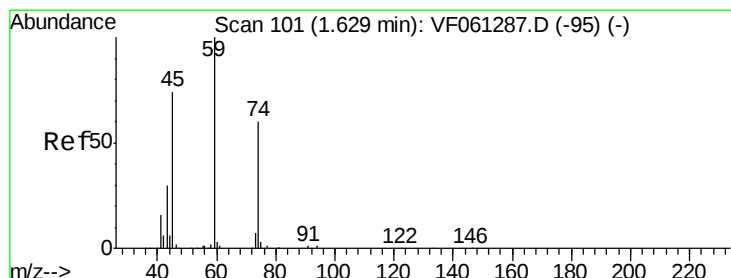
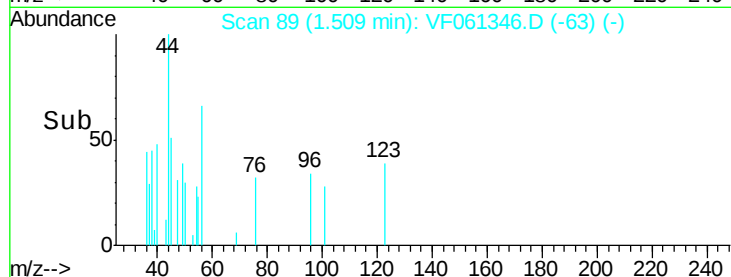
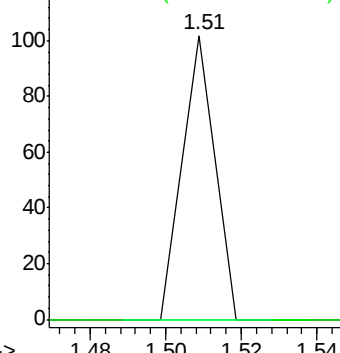
#7

Trichlorofluoromethane
Concen: 5.108 ug/l
RT: 1.51 min Scan# 89
Delta R.T. 0.06 min
Lab File: VF061346.D
Acq: 10 Jan 2019 16:17

Tot Ion: 101 Resp: 60
Ion Ratio Lower Upper
101 100
103 0.0 49.9 74.9#



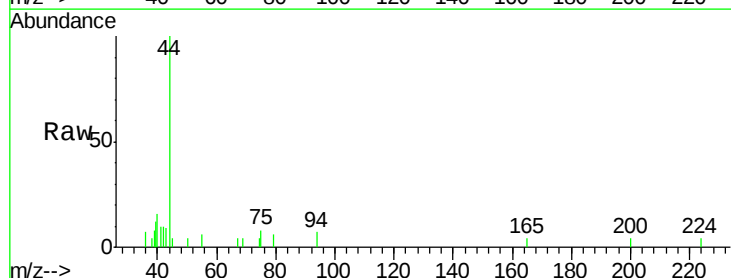
Abundance Ion 101.00 (100.70 to 101.70): V
Ion 103.00 (102.70 to 103.70): V



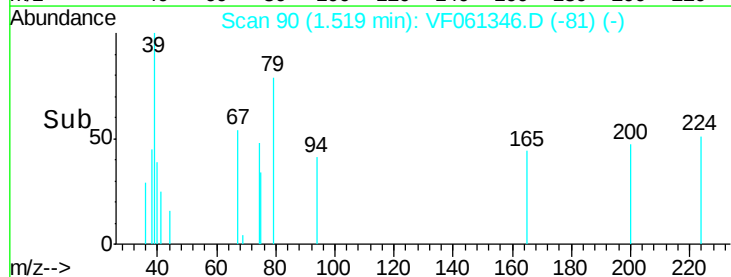
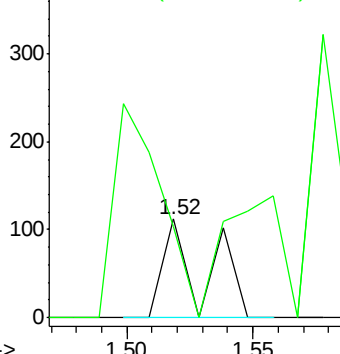
#8

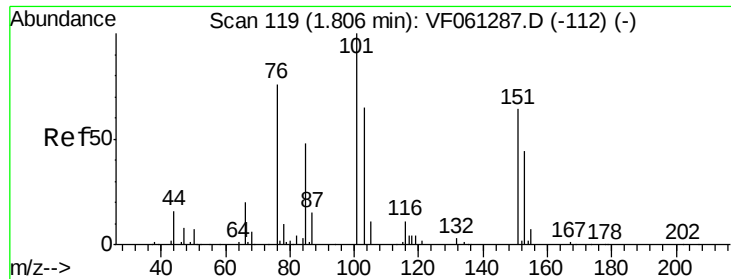
Diethyl Ether
Concen: 73.624 ug/l
RT: 1.52 min Scan# 90
Delta R.T. -0.11 min
Lab File: VF061346.D
Acq: 10 Jan 2019 16:17

Tgt Ion: 74 Resp: 127
Ion Ratio Lower Upper
74 100
45 92.9 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: 9.996 ug/l

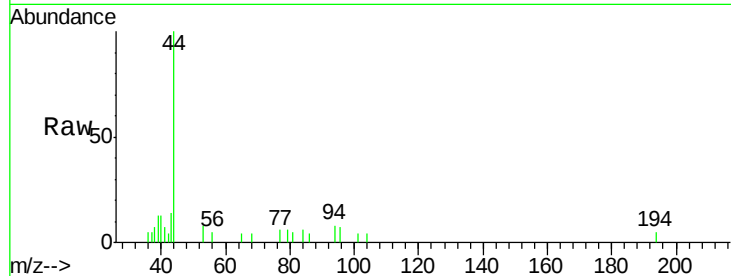
RT: 1.90 min Scan# 129

Delta R.T. 0.10 min

Lab File: VF061346.D

Acq: 10 Jan 2019 16:17

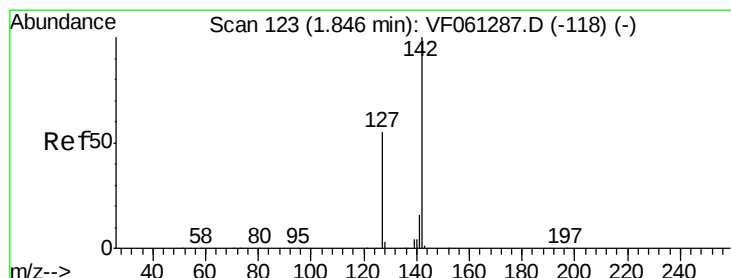
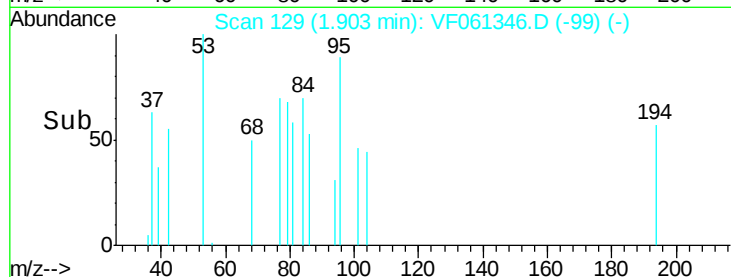
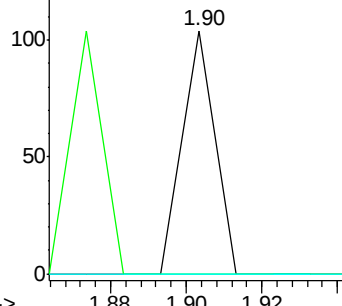
Tot Ion:	101	Resp:	62
Ion	Ratio	Lower	Upper
101	100		
85	0.0	38.4	57.6#
151	0.0	51.4	77.2#



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: 6.586 ug/l

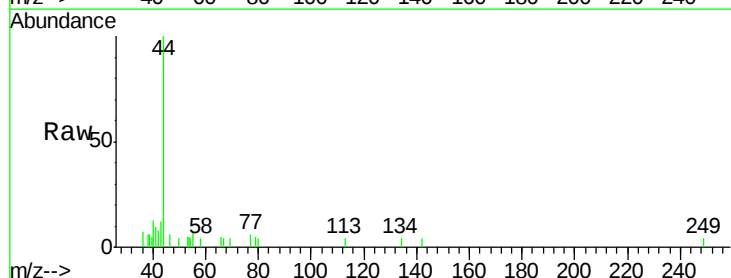
RT: 1.83 min Scan# 122

Delta R.T. -0.01 min

Lab File: VF061346.D

Acq: 10 Jan 2019 16:17

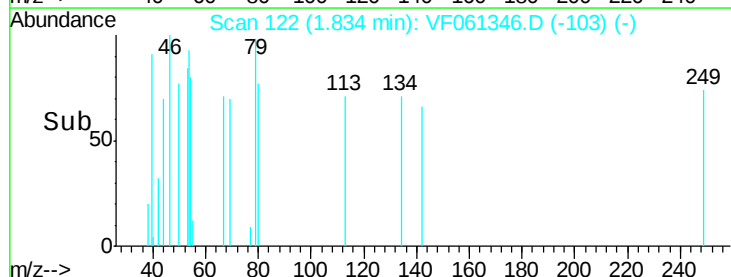
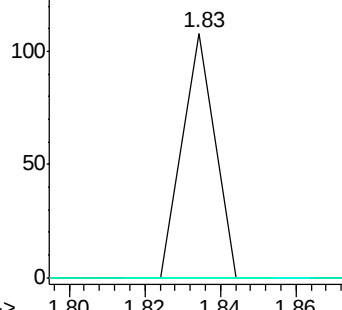
Tgt Ion:	142	Resp:	64
Ion	Ratio	Lower	Upper
142	100		
127	0.0	44.3	66.5#
141	0.0	13.2	19.8#

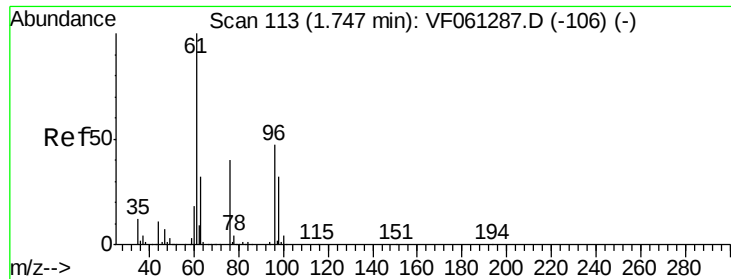


Abundance Ion 142.00 (141.70 to 142.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 141.00 (140.70 to 141.70): V





#12

1,1-Dichloroethene

Concen: 32.258 ug/l

RT: 1.76 min Scan# 114

Delta R.T. 0.01 min

Lab File: VF061346.D

Acq: 10 Jan 2019 16:17

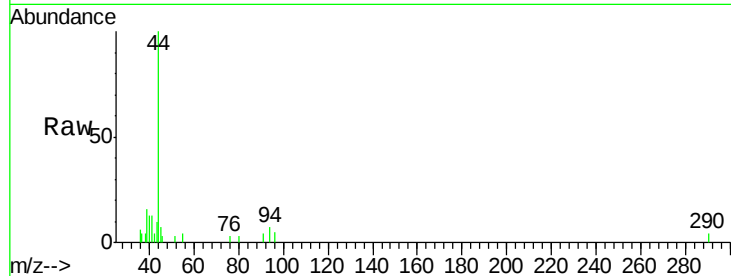
Tot Ion: 96 Resp: 160

Ion Ratio Lower Upper

96 100

61 0.0 171.8 257.8#

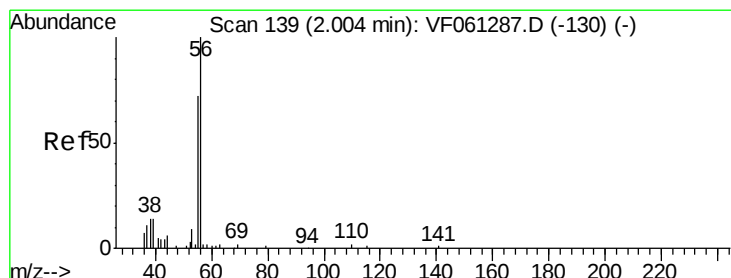
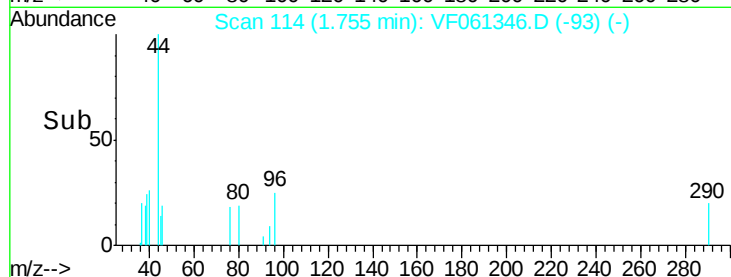
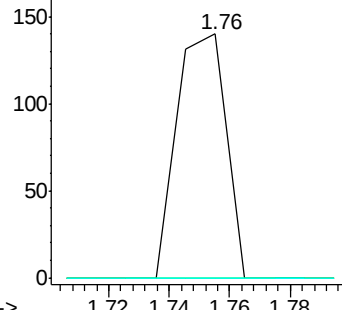
98 0.0 54.2 81.4#



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: 1118.486 ug/l

RT: 2.11 min Scan# 150

Delta R.T. 0.11 min

Lab File: VF061346.D

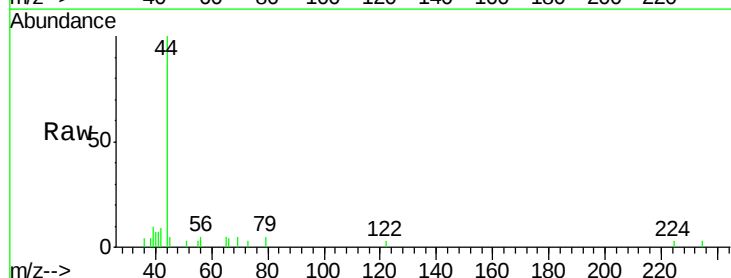
Acq: 10 Jan 2019 16:17

Tgt Ion: 56 Resp: 239

Ion Ratio Lower Upper

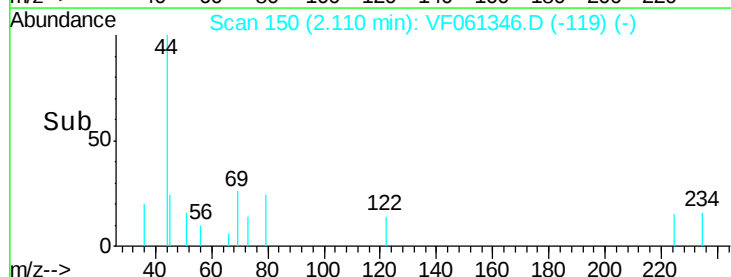
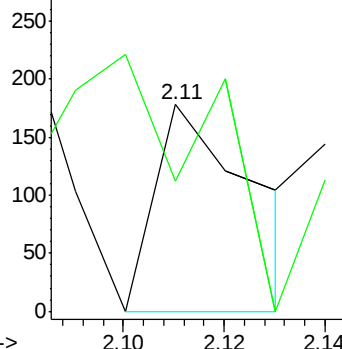
56 100

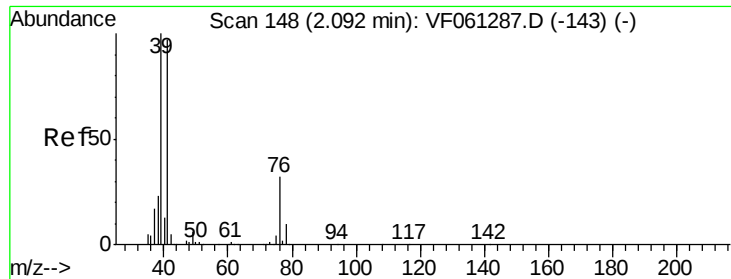
55 62.9 59.4 89.0



Abundance Ion 56.00 (55.70 to 56.70): VF0

Ion 55.00 (54.70 to 55.70): VF0





#14

Allvl chloride

Concen: 60.445 ug/l

RT: 2.10 min Scan# 149

Delta R.T. 0.01 min

Lab File: VF061346.D

Acq: 10 Jan 2019 16:17

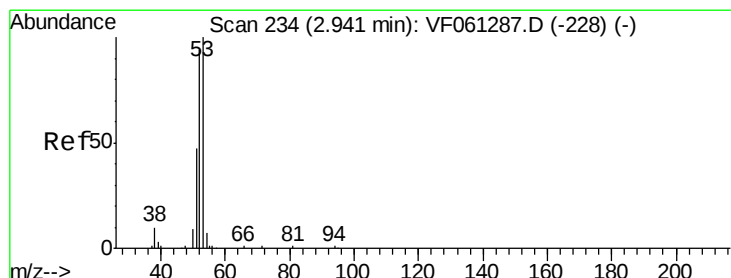
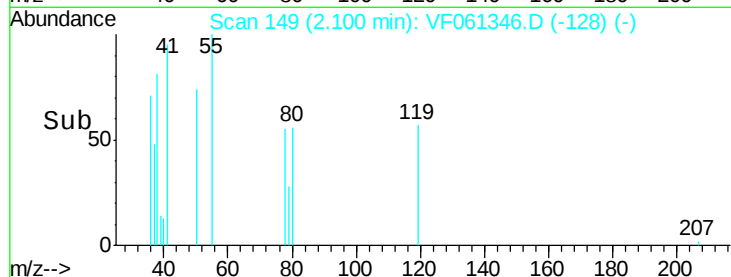
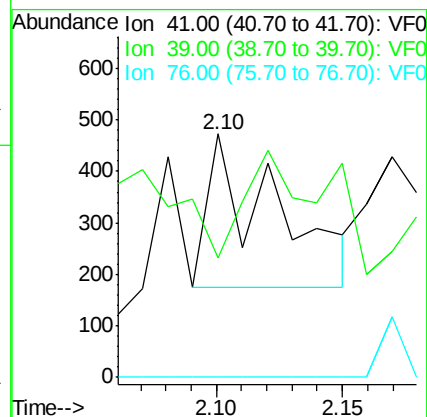
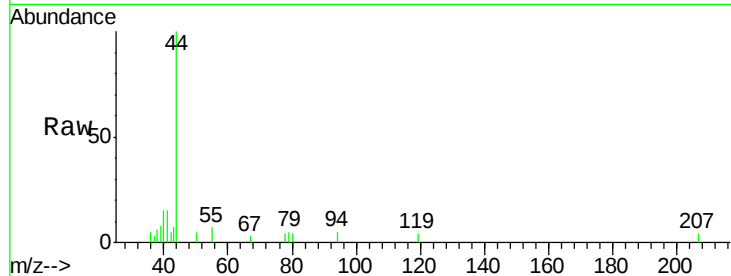
Tot Ion: 41 Resp: 548

Ion Ratio Lower Upper

41 100

39 49.0 82.6 123.8#

76 0.0 26.9 40.3#



#15

Acrylonitrile

Concen: 651.760 ug/l

RT: 2.95 min Scan# 235

Delta R.T. 0.01 min

Lab File: VF061346.D

Acq: 10 Jan 2019 16:17

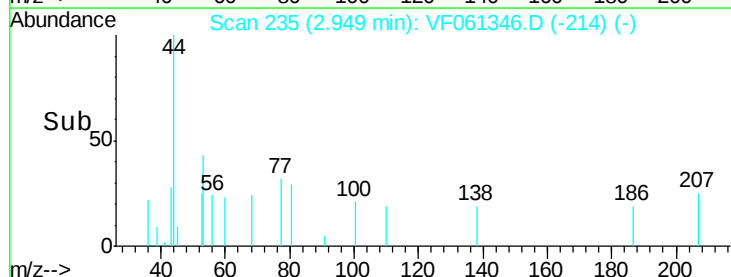
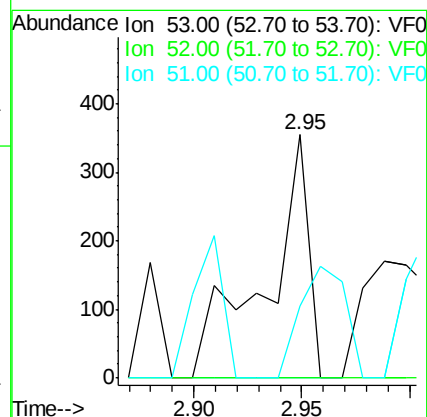
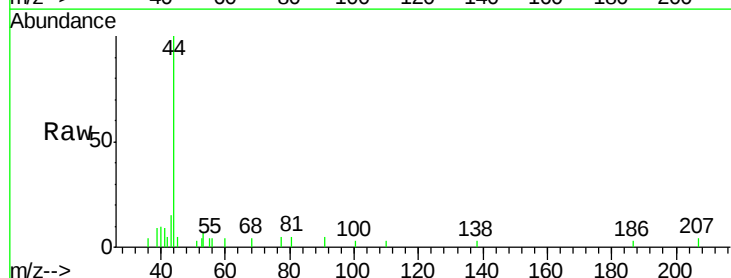
Tgt Ion: 53 Resp: 486

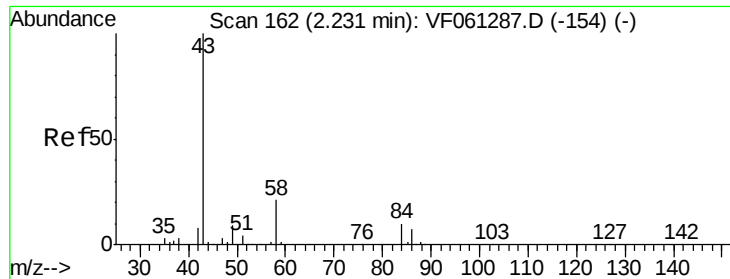
Ion Ratio Lower Upper

53 100

52 0.0 74.6 111.8#

51 29.6 37.8 56.6#





#16

Acetone

Concen: 670.144 ug/l

RT: 2.26 min Scan# 165

Delta R.T. 0.03 min

Lab File: VF061346.D

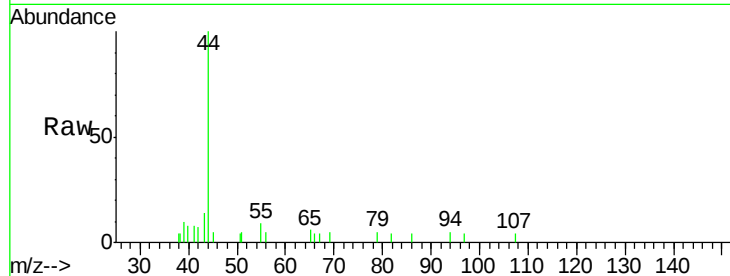
Acq: 10 Jan 2019 16:17

Tot Ion: 43 Resp: 819

Ion Ratio Lower Upper

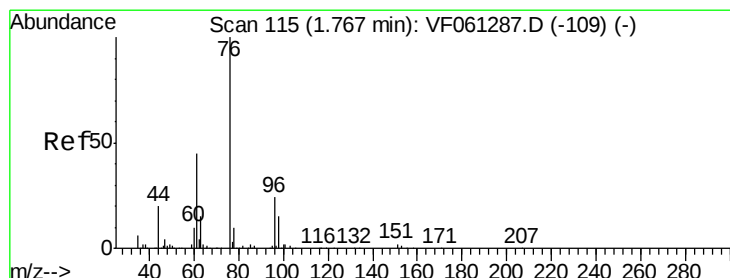
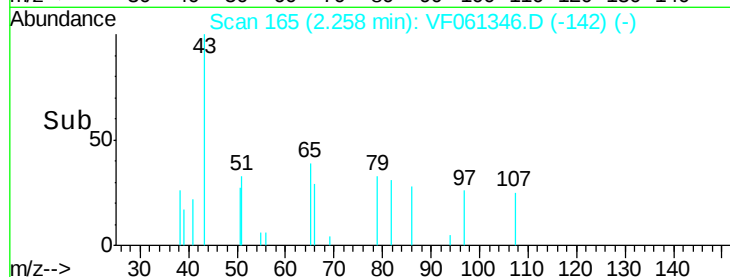
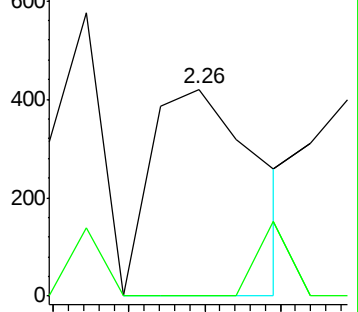
43 100

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



#17

Carbon Disulfide

Concen: 3.601 ug/l

RT: 1.76 min Scan# 114

Delta R.T. -0.01 min

Lab File: VF061346.D

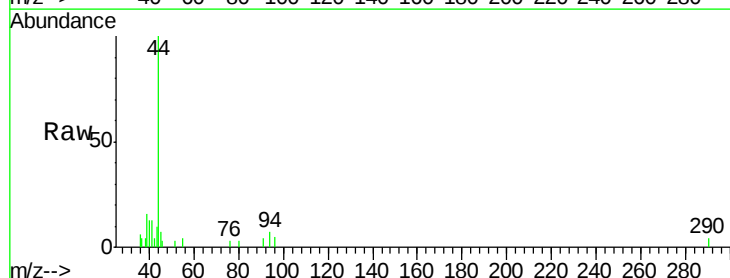
Acq: 10 Jan 2019 16:17

Tgt Ion: 76 Resp: 59

Ion Ratio Lower Upper

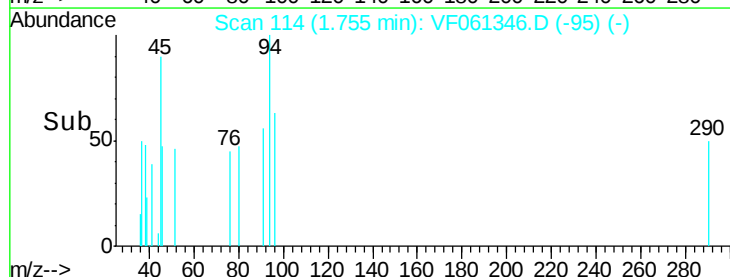
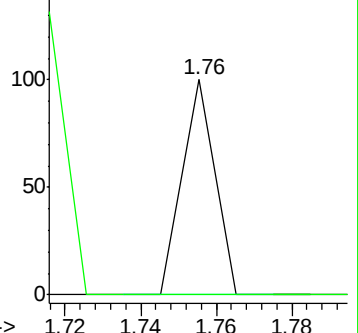
76 100

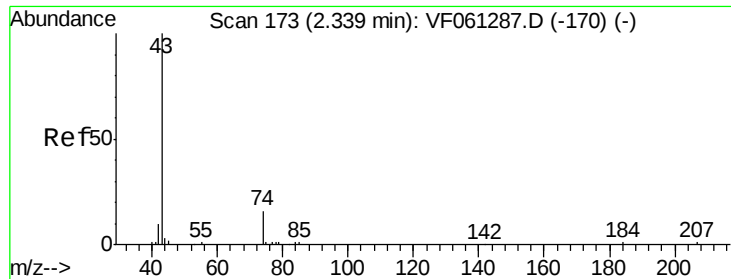
78 0.0 7.8 11.6#



Abundance Ion 76.00 (75.70 to 76.70): VF0

Ion 78.00 (77.70 to 78.70): VF0





#18

Methyl Acetate

Concen: 329.801 ug/l

RT: 2.31 min Scan# 170

Delta R.T. -0.03 min

Lab File: VF061346.D

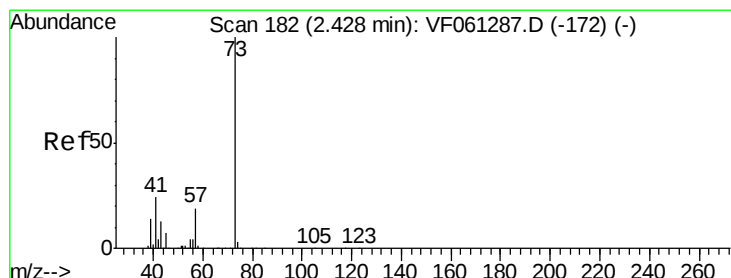
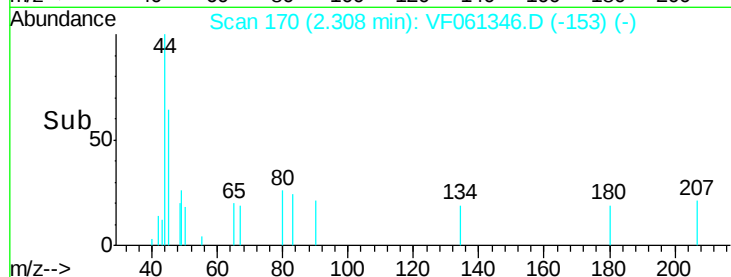
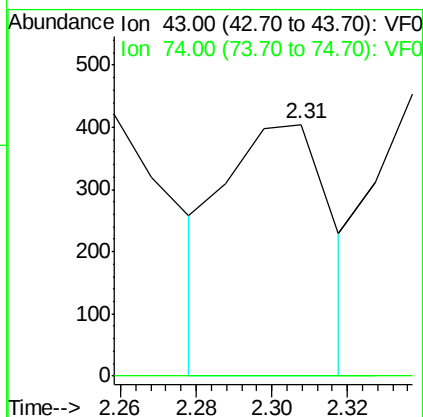
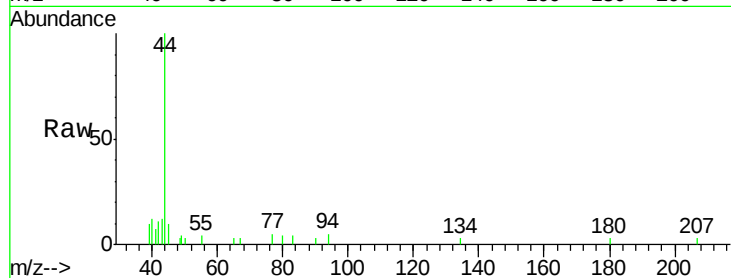
Acq: 10 Jan 2019 16:17

Tot Ion: 43 Resp: 793

Ion Ratio Lower Upper

43 100

74 0.0 11.6 17.4#



#19

Methyl tert-butyl Ether

Concen: 8.464 ug/l

RT: 2.43 min Scan# 182

Delta R.T. -0.00 min

Lab File: VF061346.D

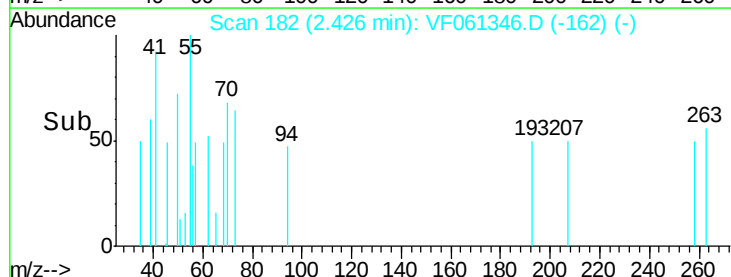
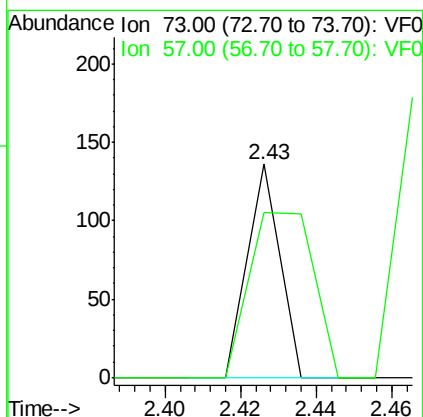
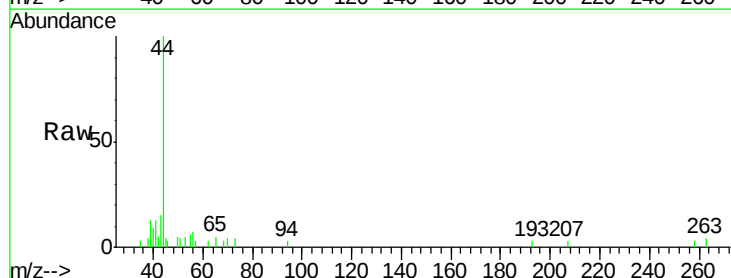
Acq: 10 Jan 2019 16:17

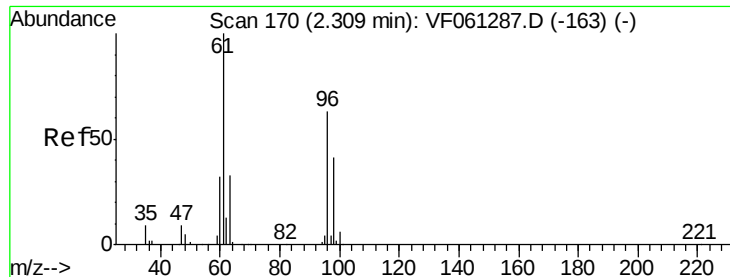
Tgt Ion: 73 Resp: 80

Ion Ratio Lower Upper

73 100

57 77.2 15.5 23.3#





#21

trans-1,2-Dichloroethene

Concen: 11.606 ug/l

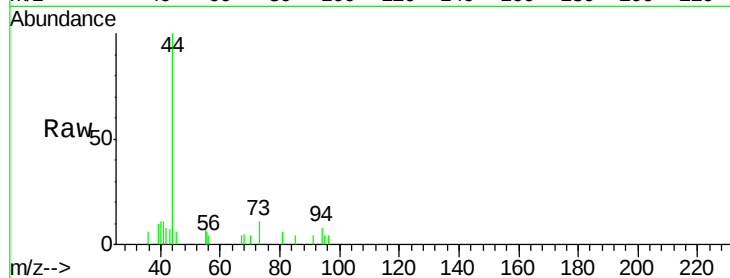
RT: 2.35 min Scan# 174

Delta R.T. 0.04 min

Lab File: VF061346.D

Acq: 10 Jan 2019 16:17

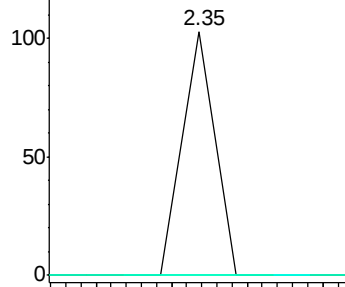
Tot Ion:	96	Resp:	61
Ion	Ratio	Lower	Upper
96	100		
61	0.0	127.0	190.4#
98	0.0	51.7	77.5#



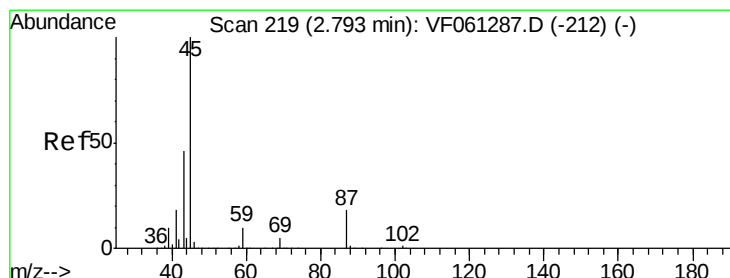
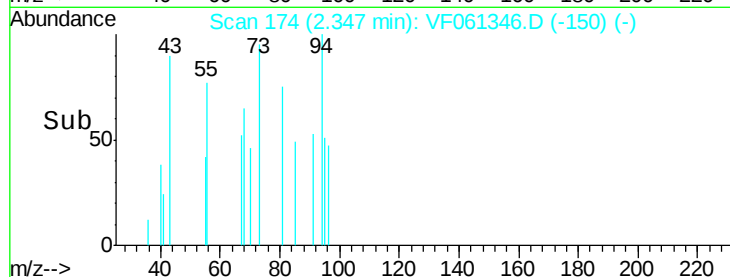
Abundance Ion 96.00 (95.70 to 96.70): VF0

Ion 61.00 (60.70 to 61.70): VF0

Ion 98.00 (97.70 to 98.70): VF0



Time-->



#22

Diisopropyl ether

Concen: 17.845 ug/l

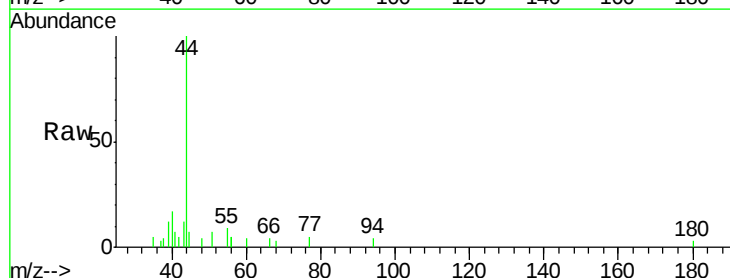
RT: 2.78 min Scan# 218

Delta R.T. -0.01 min

Lab File: VF061346.D

Acq: 10 Jan 2019 16:17

Tgt Ion:	45	Resp:	313
Ion	Ratio	Lower	Upper
45	100		
43	166.5	37.4	56.2#
87	0.0	14.2	21.2#
59	0.0	8.2	12.2#

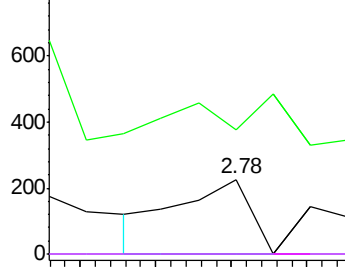


Abundance Ion 45.00 (44.70 to 45.70): VF0

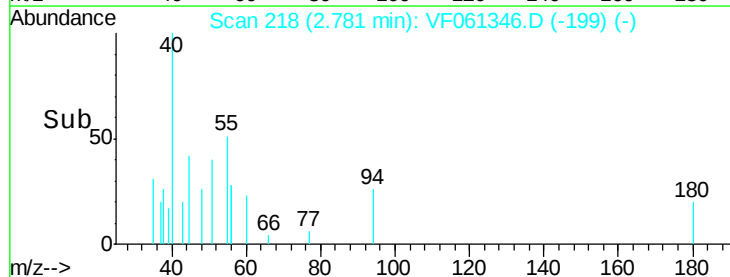
Ion 43.00 (42.70 to 43.70): VF0

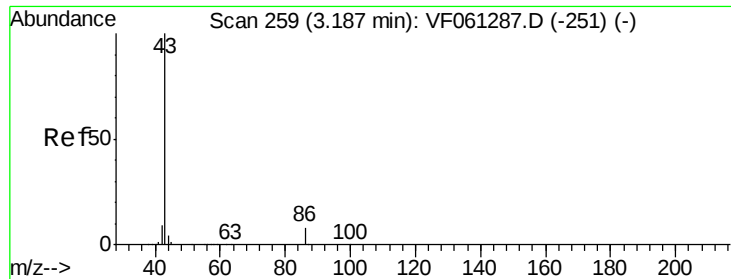
Ion 87.00 (86.70 to 87.70): VF0

Ion 59.00 (58.70 to 59.70): VF0



Time-->





#23

Vinyl Acetate

Concen: 72.328 ug/l

RT: 3.23 min Scan# 264

Delta R.T. 0.05 min

Lab File: VF061346.D

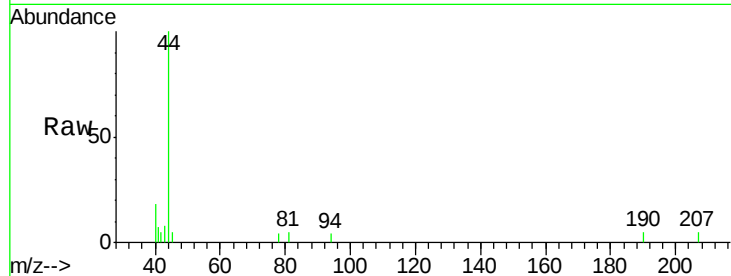
Acq: 10 Jan 2019 16:17

Tot Ion: 43 Resp: 371

Ion Ratio Lower Upper

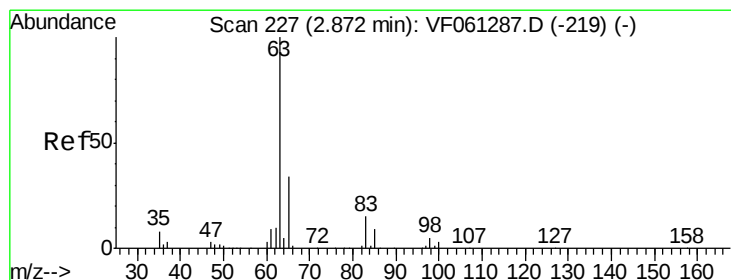
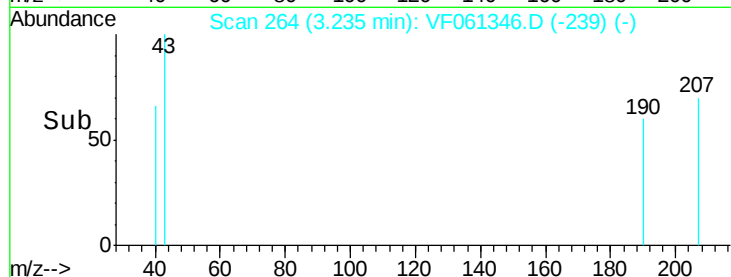
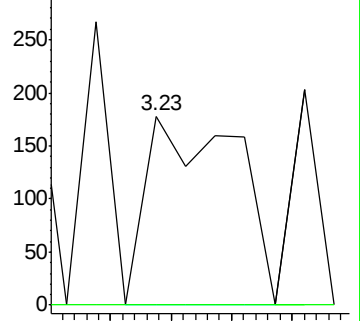
43 100

86 0.0 6.5 9.7#



Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 86.00 (85.70 to 86.70): VF0



#24

1,1-Dichloroethane

Concen: 6.012 ug/l

RT: 2.81 min Scan# 221

Delta R.T. -0.06 min

Lab File: VF061346.D

Acq: 10 Jan 2019 16:17

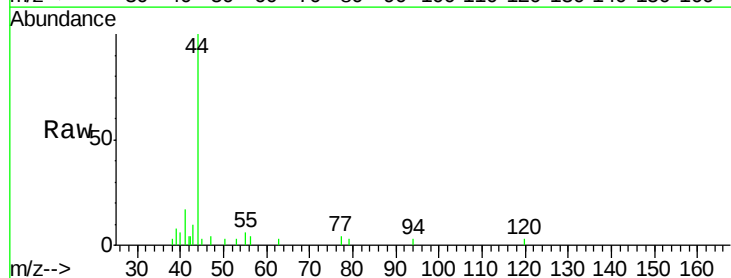
Tgt Ion: 63 Resp: 61

Ion Ratio Lower Upper

63 100

98 0.0 2.5 7.6#

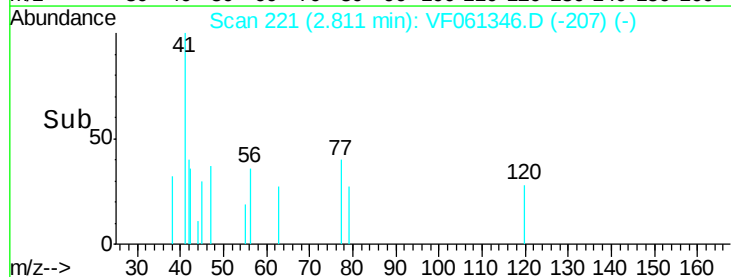
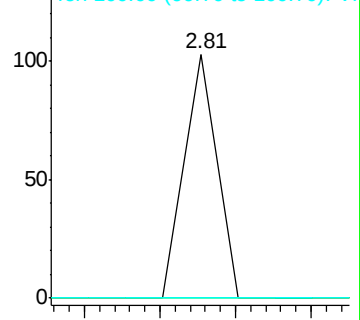
100 0.0 1.7 5.0#

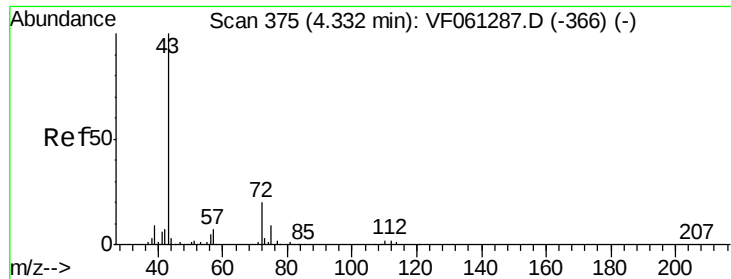


Abundance Ion 63.00 (62.70 to 63.70): VF0

Ion 98.00 (97.70 to 98.70): VF0

Ion 100.00 (99.70 to 100.70): VF0





#25

2-Butanone

Concen: 97.102 ug/l

RT: 4.31 min Scan# 373

Delta R.T. -0.02 min

Lab File: VF061346.D

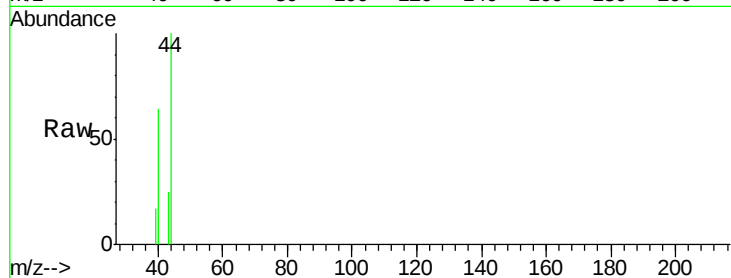
Acq: 10 Jan 2019 16:17

Tot Ion: 43 Resp: 191

Ion Ratio Lower Upper

43 100

72 0.0 16.5 24.7#



Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 72.00 (71.70 to 72.70): VF0

250

200

150

100

50

0

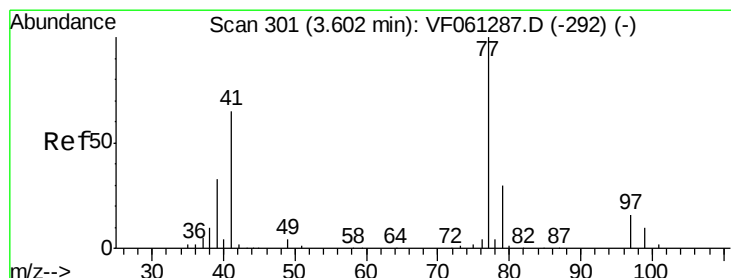
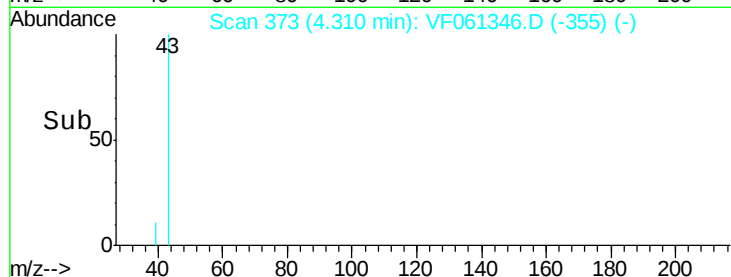
4.28

4.30

4.31

4.32

Time-->



#26

2,2-Dichloropropane

Concen: 9.735 ug/l

RT: 3.58 min Scan# 299

Delta R.T. -0.02 min

Lab File: VF061346.D

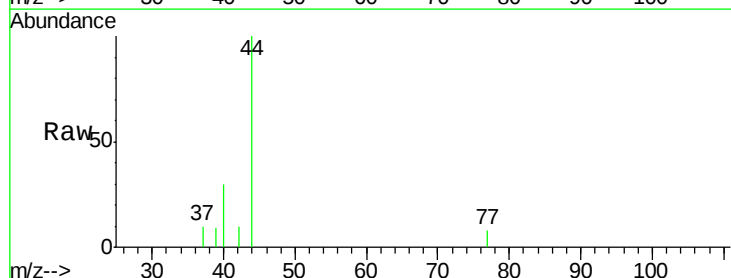
Acq: 10 Jan 2019 16:17

Tgt Ion: 77 Resp: 66

Ion Ratio Lower Upper

77 100

97 0.0 8.6 25.9#



Abundance Ion 77.00 (76.70 to 77.70): VF0

Ion 97.00 (96.70 to 97.70): VF0

120

100

80

60

40

20

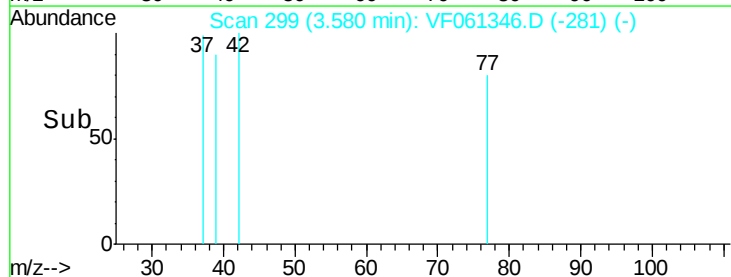
0

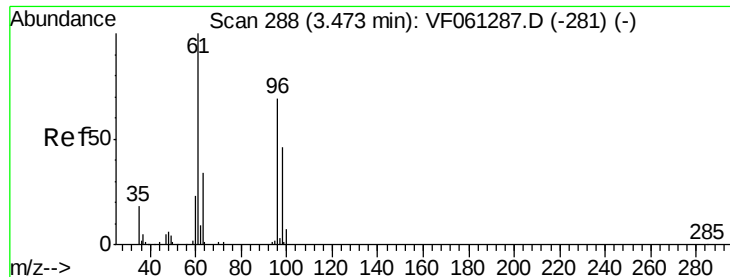
3.56

3.58

3.60

Time-->

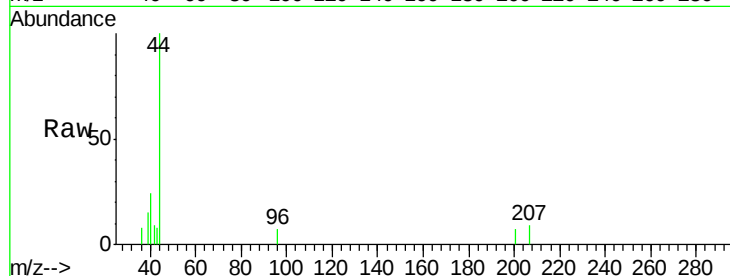




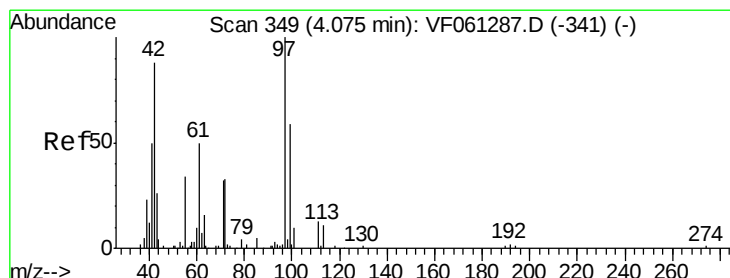
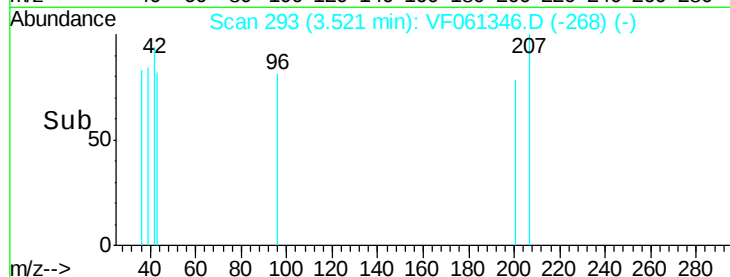
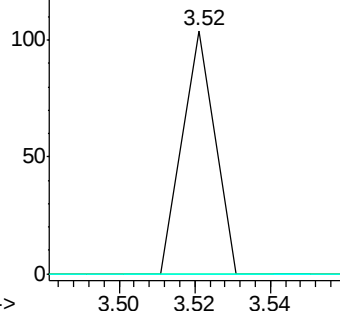
#27

cis-1,2-Dichloroethene
Concen: 8.449 ug/l
RT: 3.52 min Scan# 293
Delta R.T. 0.05 min
Lab File: VF061346.D
Acq: 10 Jan 2019 16:17

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



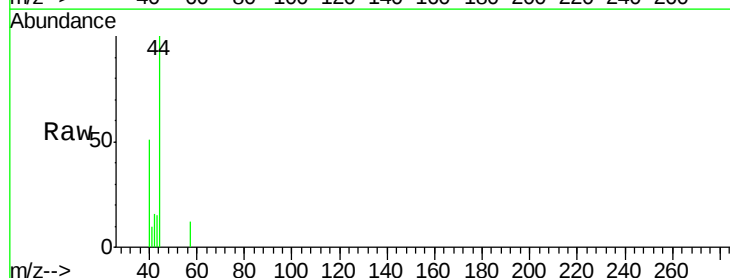
Abundance Ion 96.00 (95.70 to 96.70): VF0
Ion 61.00 (60.70 to 61.70): VF0
Ion 98.00 (97.70 to 98.70): VF0



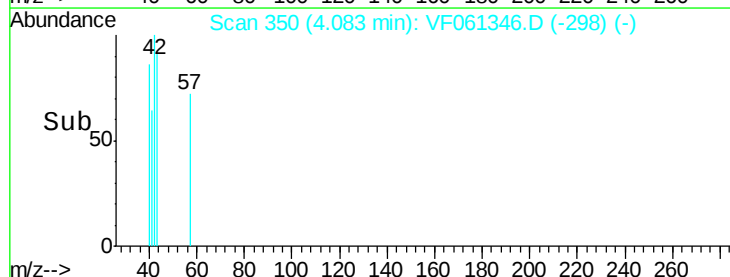
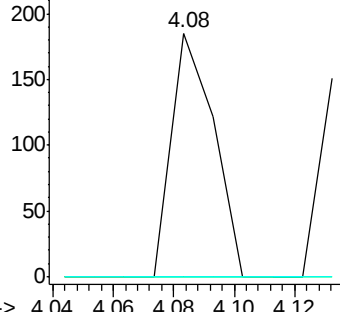
#29

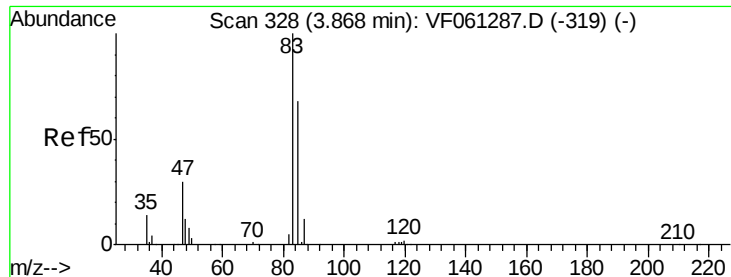
Tetrahydrofuran
Concen: 221.298 ug/l
RT: 4.08 min Scan# 350
Delta R.T. 0.01 min
Lab File: VF061346.D
Acq: 10 Jan 2019 16:17

Tgt Ion	Ratio	Lower	Upper
42	100		
72	0.0	32.3	48.5#
71	0.0	29.5	44.3#



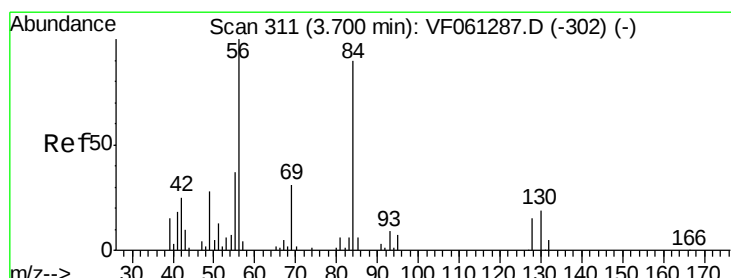
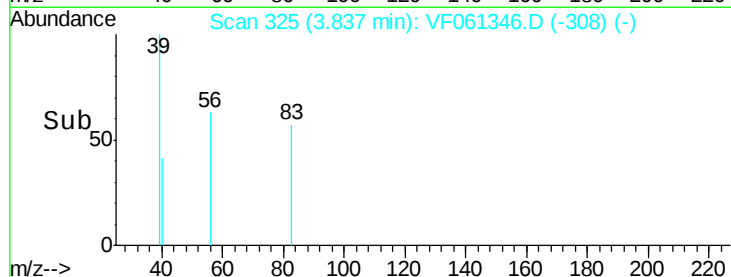
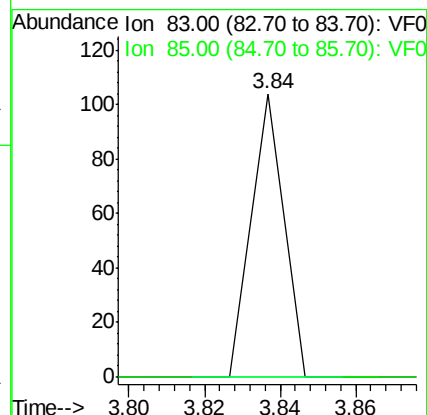
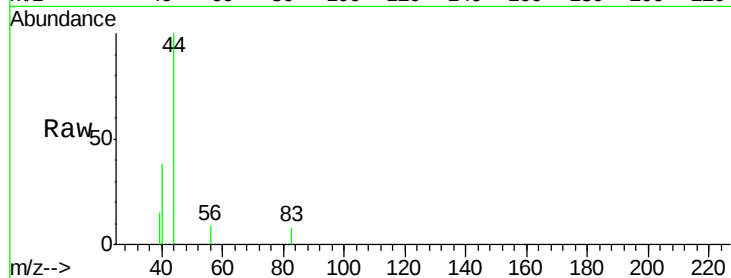
Abundance Ion 42.00 (41.70 to 42.70): VF0
Ion 72.00 (71.70 to 72.70): VF0
Ion 71.00 (70.70 to 71.70): VF0





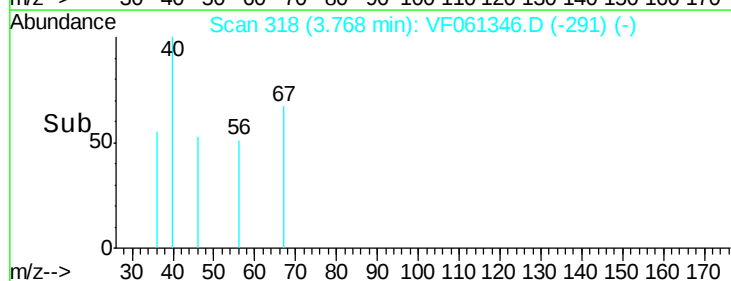
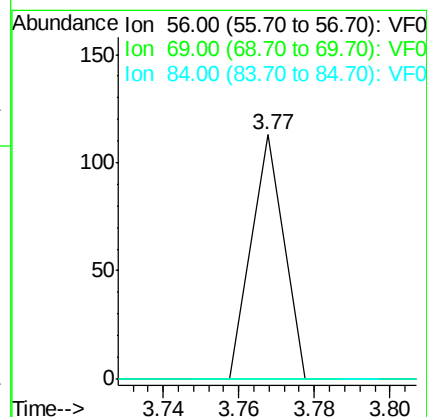
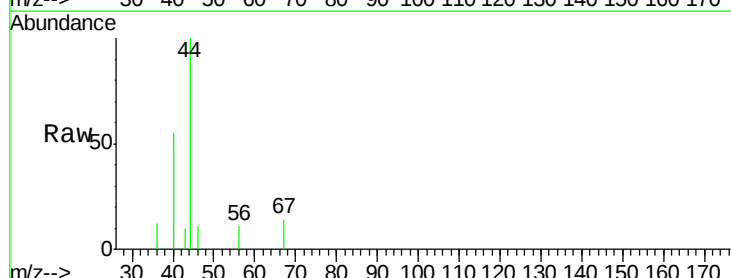
#30
Chloroform
Concen: 4.814 ug/l
RT: 3.84 min Scan# 325
Delta R.T. -0.03 min
Lab File: VF061346.D
Acq: 10 Jan 2019 16:17

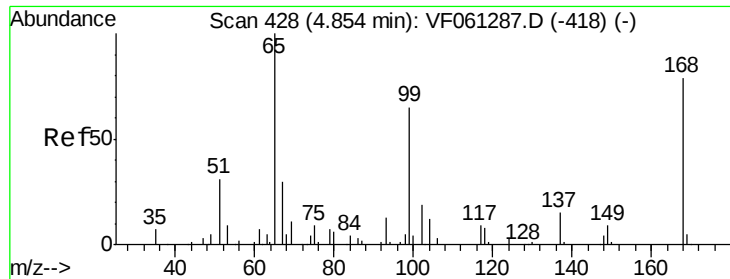
Tot Ion: 83 Resp: 62
Ion Ratio Lower Upper
83 100
85 0.0 54.4 81.6#



#31
Cyclohexane
Concen: 6.295 ug/l
RT: 3.77 min Scan# 318
Delta R.T. 0.07 min
Lab File: VF061346.D
Acq: 10 Jan 2019 16:17

Tgt Ion: 56 Resp: 67
Ion Ratio Lower Upper
56 100
69 0.0 24.7 37.1#
84 0.0 72.2 108.4#





#33

1,2-Dichloroethane-d4

Concen: 15.037 ug/l

RT: 4.86 min Scan# 429

Delta R.T. 0.01 min

Lab File: VF061346.D

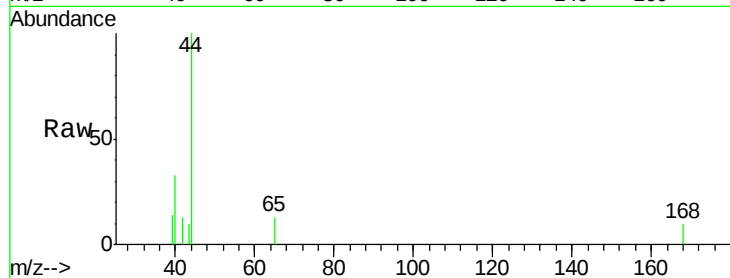
Acq: 10 Jan 2019 16:17

Tot Ion: 65 Resp: 79

Ion Ratio Lower Upper

65 100

67 0.0 0.0 98.2



Abundance Ion 65.00 (64.70 to 65.70): VF0

Ion 67.00 (66.70 to 67.70): VF0

4.86

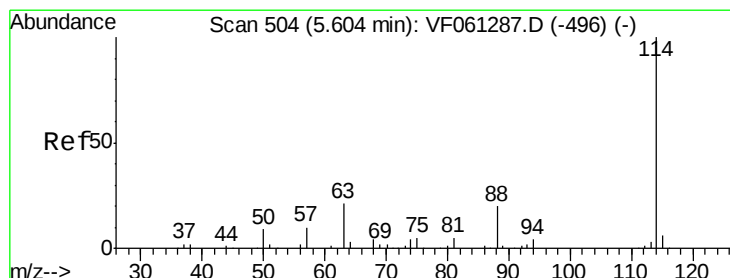
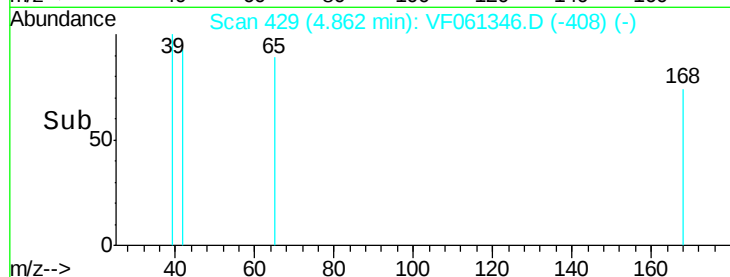
150

100

50

0

Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.60 min Scan# 504

Delta R.T. -0.00 min

Lab File: VF061346.D

Acq: 10 Jan 2019 16:17

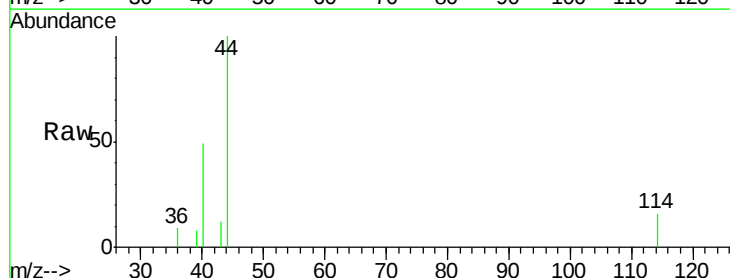
Tgt Ion: 114 Resp: 389

Ion Ratio Lower Upper

114 100

63 0.0 0.0 42.8

88 0.0 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

250

200

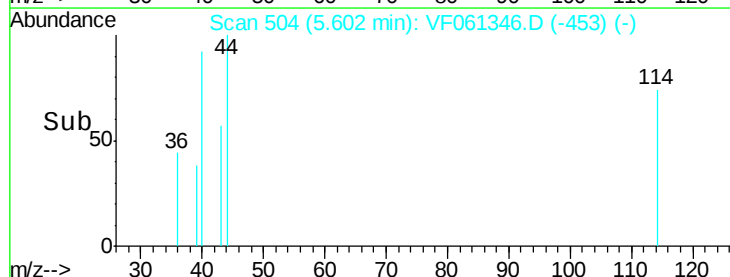
150

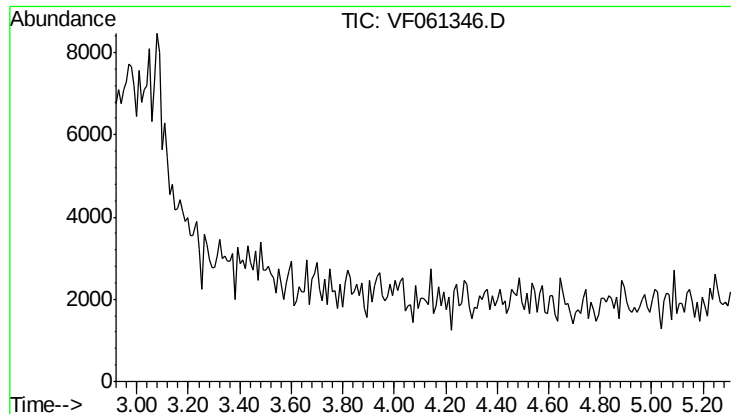
100

50

0

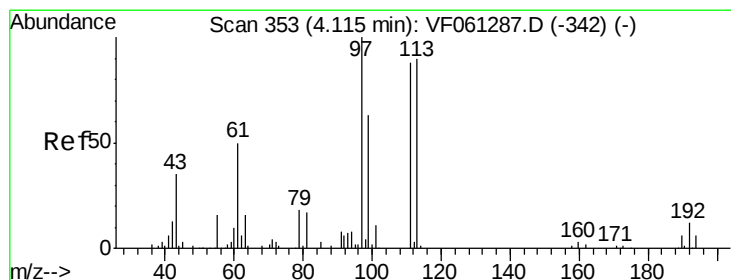
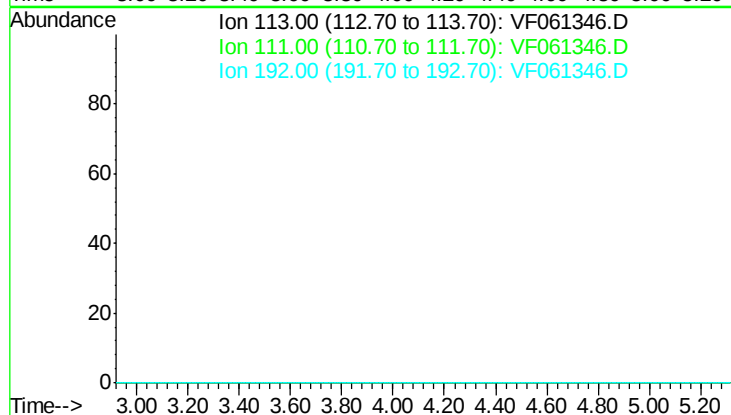
Time-->





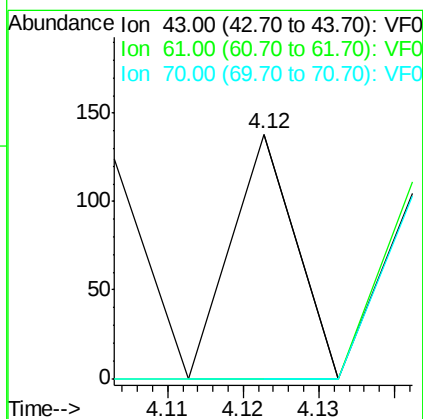
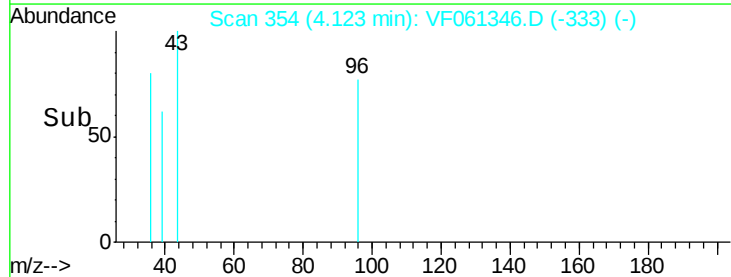
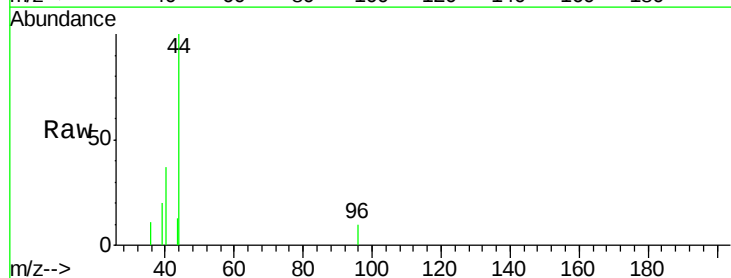
#35
 Dibromofluoromethane
 Concen: 0.000 ug/l
 Expected RT: 4.11 min
 Lab File: VF061346.D
 Acq: 10 Jan 2019 16:17

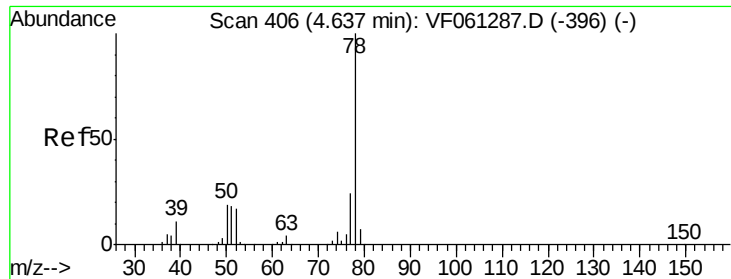
Tot Ion: 113
 Sig Exp Ratio
 113 100
 111 97.5
 192 13.3



#37
 Ethyl Acetate
 Concen: 49.570 ug/l
 RT: 4.12 min Scan# 354
 Delta R.T. 0.01 min
 Lab File: VF061346.D
 Acq: 10 Jan 2019 16:17

Tgt Ion: 43 Resp: 82
 Ion Ratio Lower Upper
 43 100
 61 0.0 113.3 169.9#
 70 0.0 9.4 14.0#





#40

Benzene

Concen: 5.846 ug/l

RT: 4.56 min Scan# 398

Delta R.T. -0.08 min

Lab File: VF061346.D

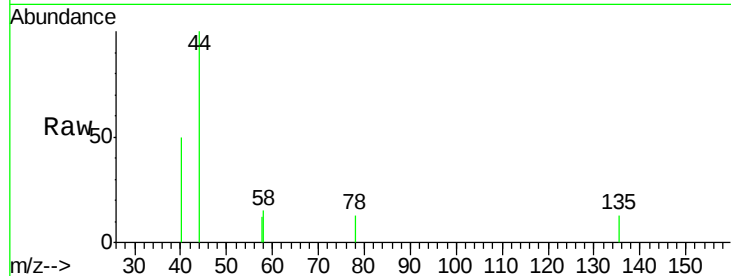
Acq: 10 Jan 2019 16:17

Tot Ion: 78 Resp: 62

Ion Ratio Lower Upper

78 100

77 0.0 19.1 28.7#



Abundance Ion 78.10 (77.80 to 78.80): VF0

Ion 77.00 (76.70 to 77.70): VF0

4.56

100

80

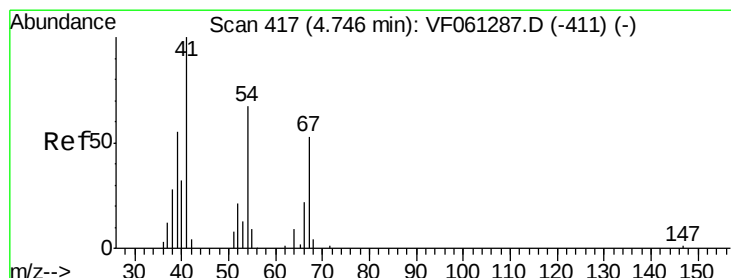
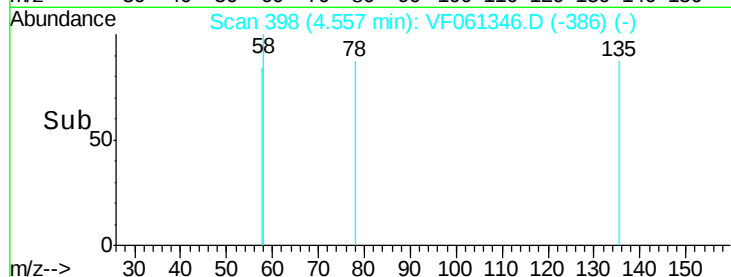
60

40

20

0

Time--> 4.52 4.54 4.56 4.58



#41

Methacrylonitrile

Concen: 203.511 ug/l

RT: 4.73 min Scan# 416

Delta R.T. -0.01 min

Lab File: VF061346.D

Acq: 10 Jan 2019 16:17

Tgt Ion: 41 Resp: 188

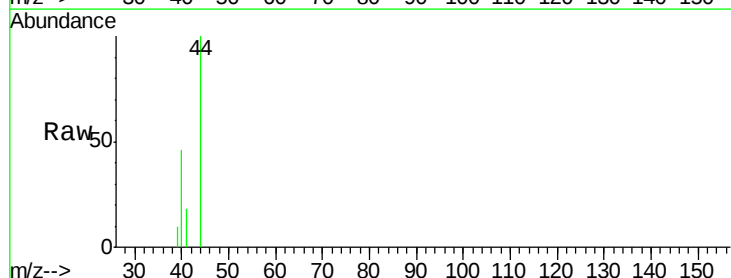
Ion Ratio Lower Upper

41 100

39 56.9 52.7 79.1

67 0.0 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

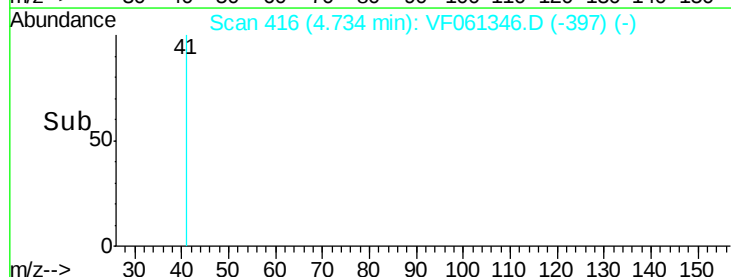
300

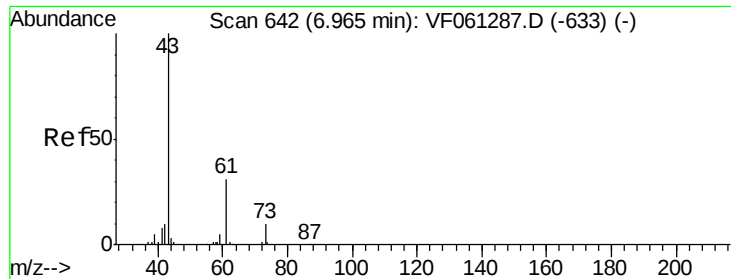
200

100

0

Time--> 4.70 4.72 4.74 4.76 4.78

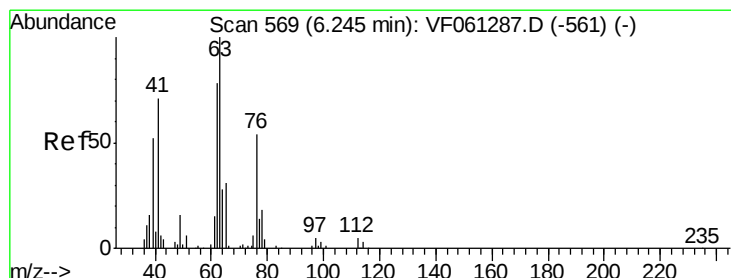
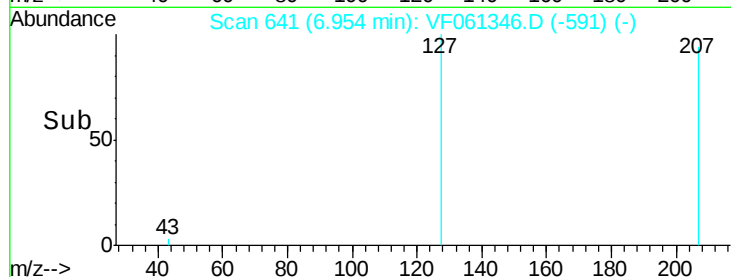
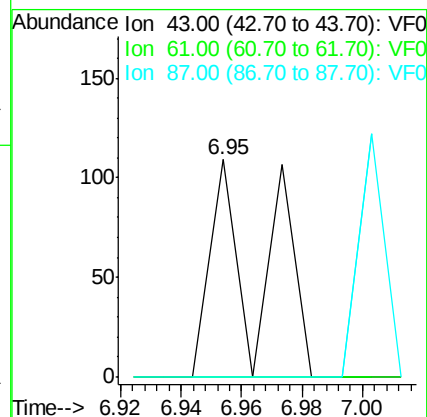
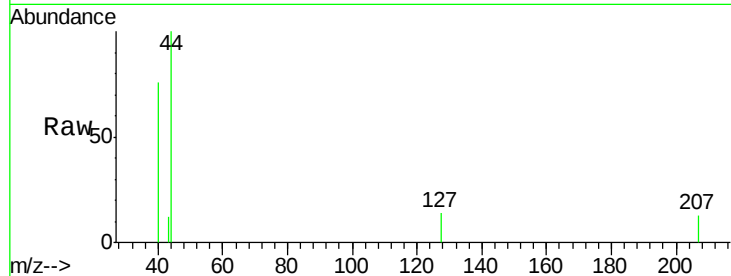




#43

Isopropyl Acetate
 Concen: 58.608 ug/l
 RT: 6.95 min Scan# 641
 Delta R.T. -0.01 min
 Lab File: VF061346.D
 Acq: 10 Jan 2019 16:17

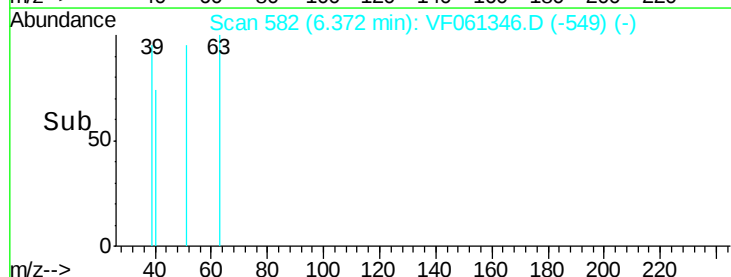
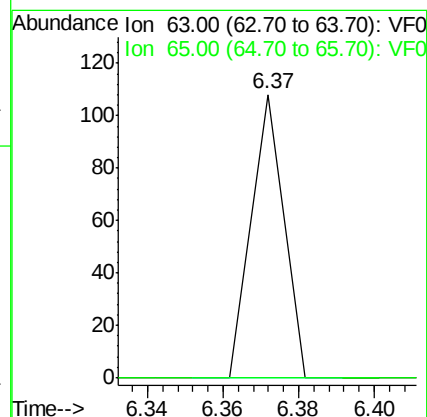
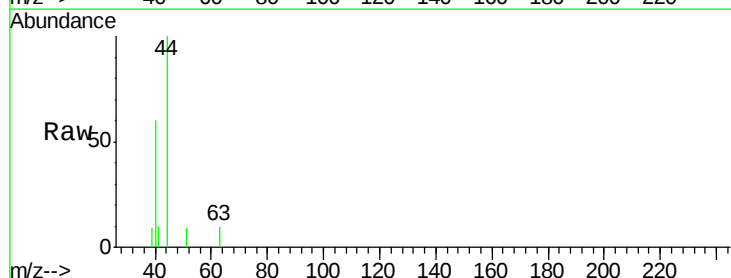
Tot Ion	Ratio	Lower	Upper
43	100		
61	0.0	24.3	36.5#
87	0.0	0.2	0.4#

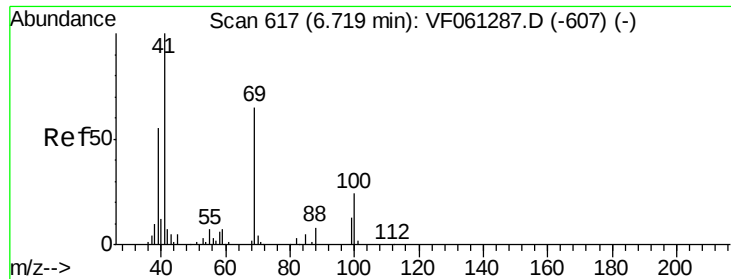


#45

1,2-Dichloropropane
 Concen: 23.731 ug/l
 RT: 6.37 min Scan# 582
 Delta R.T. 0.13 min
 Lab File: VF061346.D
 Acq: 10 Jan 2019 16:17

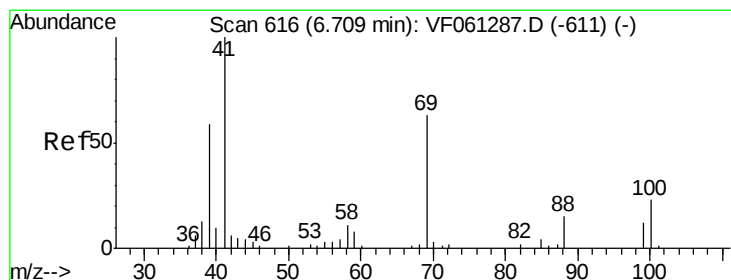
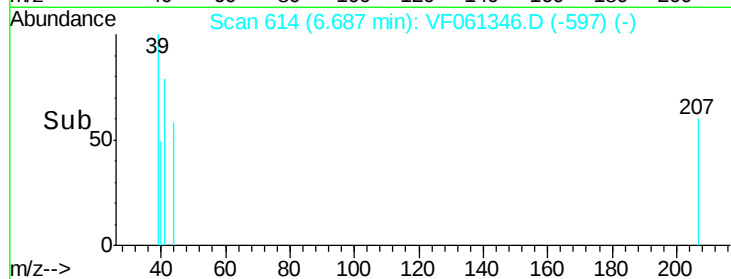
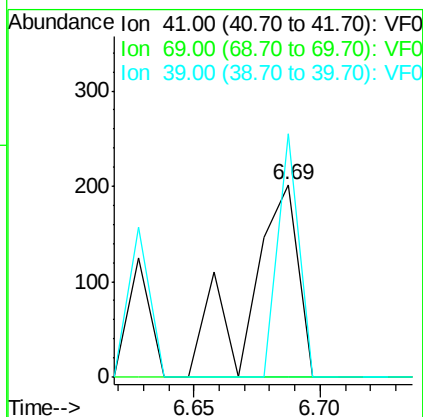
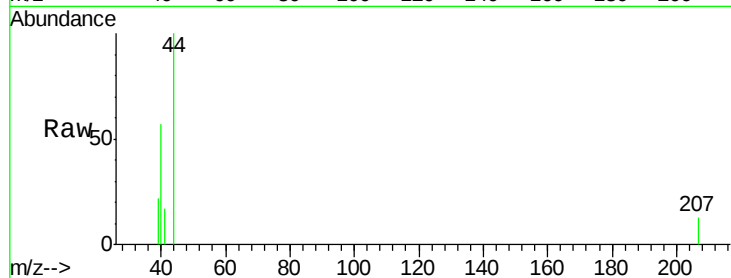
Tgt Ion	Ratio	Lower	Upper
63	100		
65	0.0	25.1	37.7#





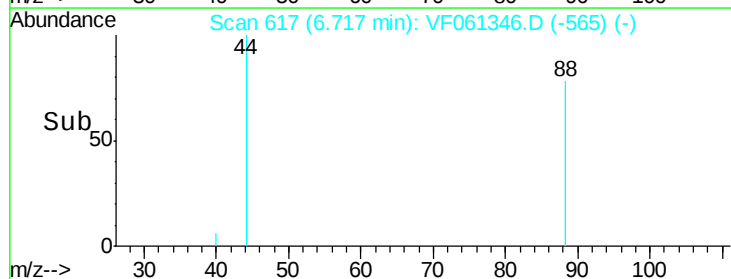
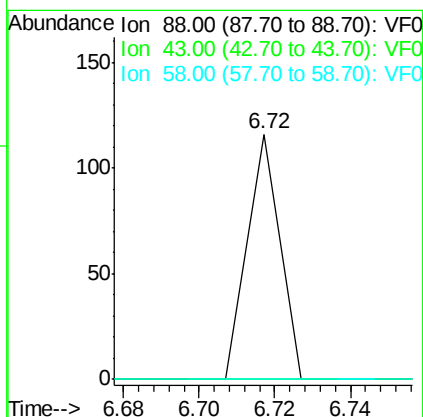
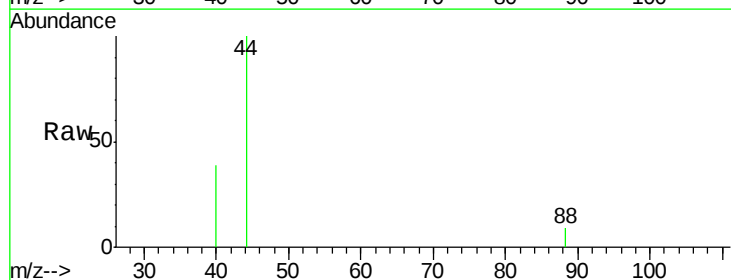
#48
Methvl methacrylate
Concen: 191.873 ug/l
RT: 6.69 min Scan# 614
Delta R.T. -0.03 min
Lab File: VF061346.D
Acq: 10 Jan 2019 16:17

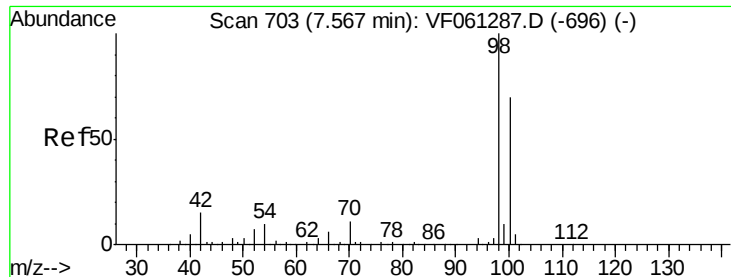
Tot Ion: 41 Resp: 272
Ion Ratio Lower Upper
41 100
69 0.0 51.5 77.3#
39 126.2 44.1 66.1#



#49
1,4-Dioxane
Concen: 7713.878 ug/l
RT: 6.72 min Scan# 617
Delta R.T. 0.01 min
Lab File: VF061346.D
Acq: 10 Jan 2019 16:17

Tgt Ion: 88 Resp: 69
Ion Ratio Lower Upper
88 100
43 0.0 38.5 57.7#
58 0.0 57.0 85.4#





#50

Toluene-d8

Concen: 57.901 ug/l

RT: 7.57 min Scan# 703

Delta R.T. -0.00 min

Lab File: VF061346.D

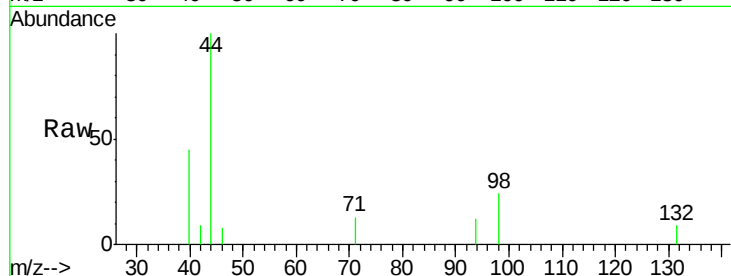
Acq: 10 Jan 2019 16:17

Tot Ion: 98 Resp: 510

Ion Ratio Lower Upper

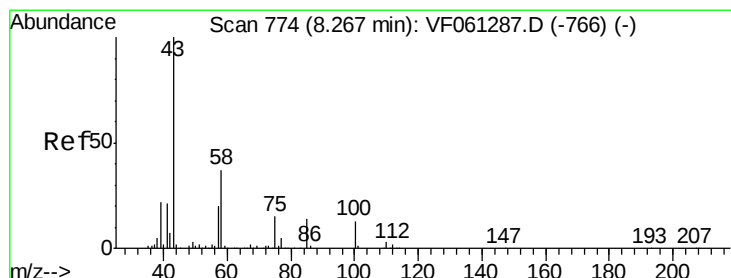
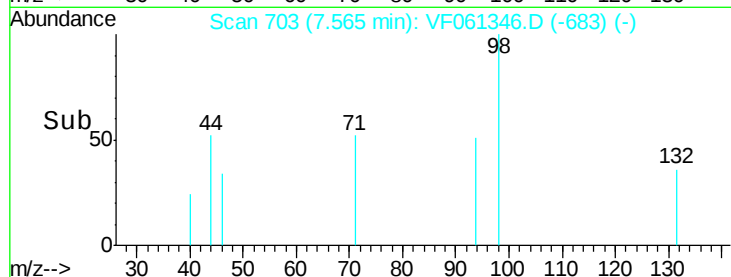
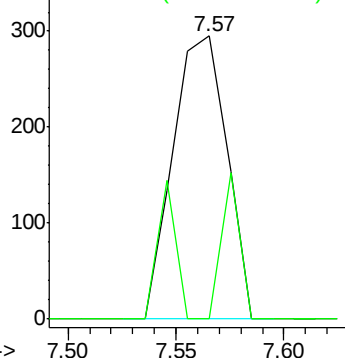
98 100

100 0.0 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: 140.130 ug/l

RT: 8.28 min Scan# 775

Delta R.T. 0.01 min

Lab File: VF061346.D

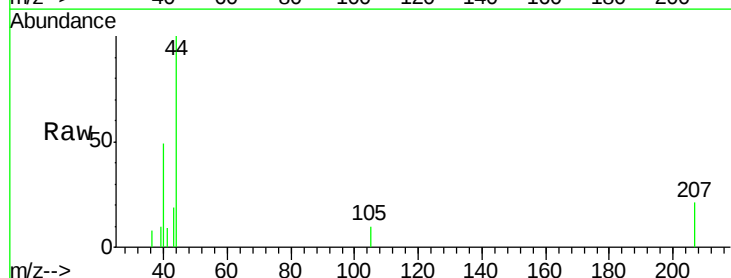
Acq: 10 Jan 2019 16:17

Tgt Ion: 43 Resp: 231

Ion Ratio Lower Upper

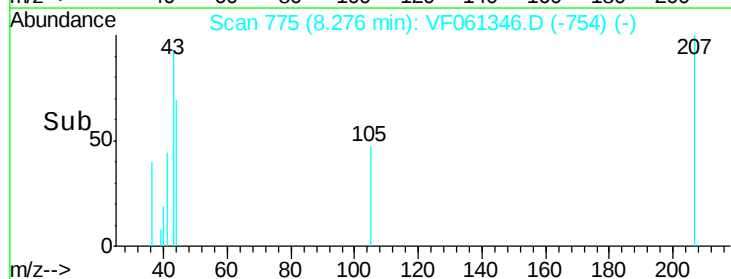
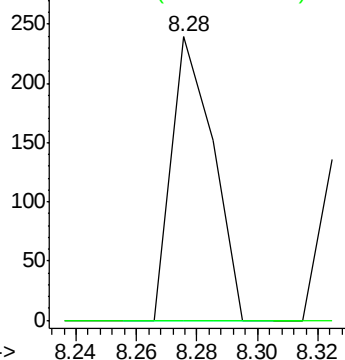
43 100

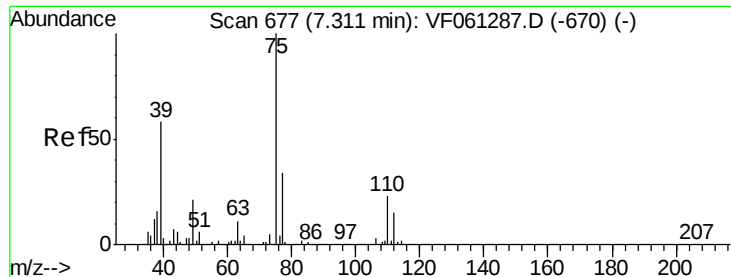
58 0.0 29.6 44.4#



Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 58.00 (57.70 to 58.70): VF0

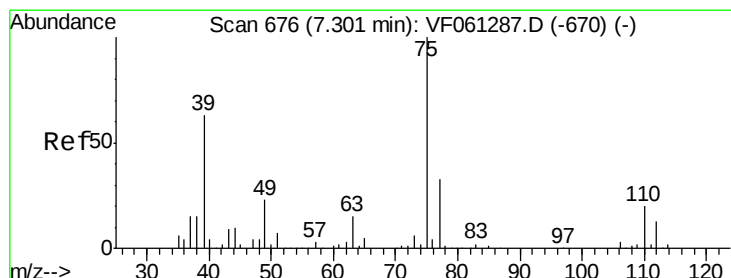
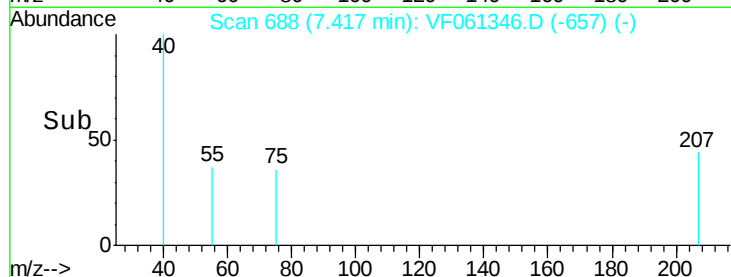
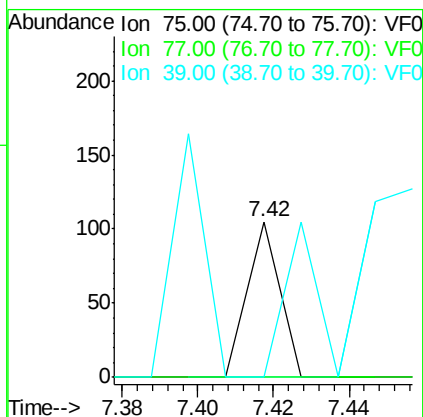
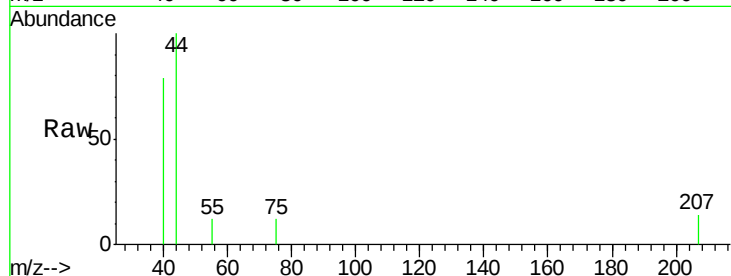




#54

cis-1,3-Dichloropropene
 Concen: 14.458 ug/l
 RT: 7.42 min Scan# 688
 Delta R.T. 0.11 min
 Lab File: VF061346.D
 Acq: 10 Jan 2019 16:17

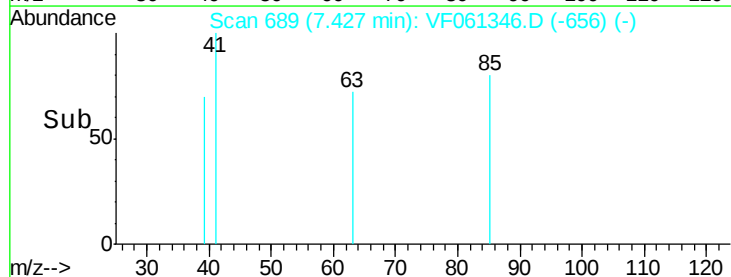
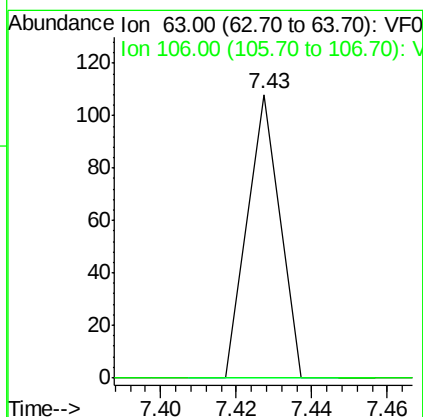
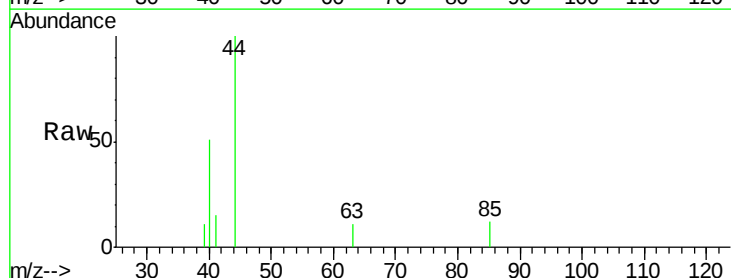
Tot Ion	Ratio	Lower	Upper
75	100		
77	0.0	27.3	40.9#
39	0.0	46.3	69.5#

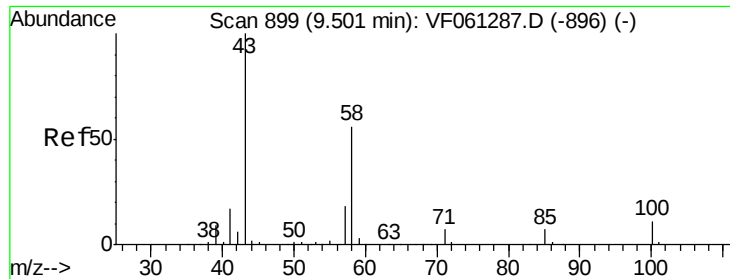


#58

2-Chloroethyl Vinyl ether
 Concen: 704.456 ug/l
 RT: 7.43 min Scan# 689
 Delta R.T. 0.13 min
 Lab File: VF061346.D
 Acq: 10 Jan 2019 16:17

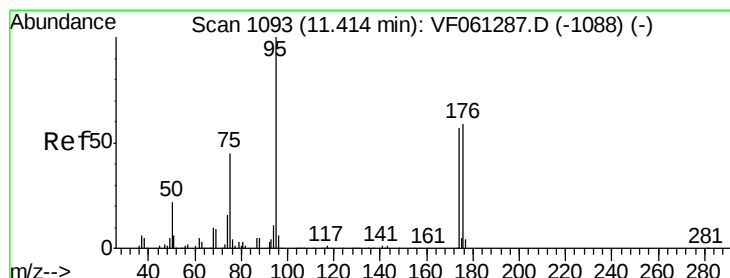
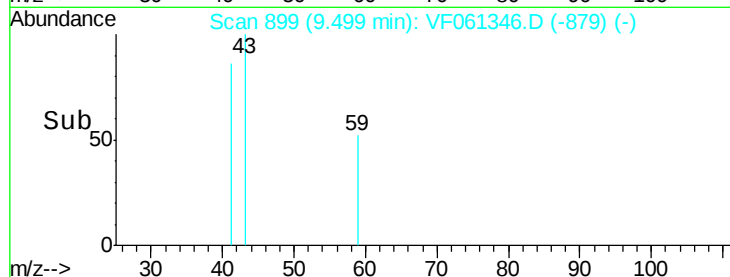
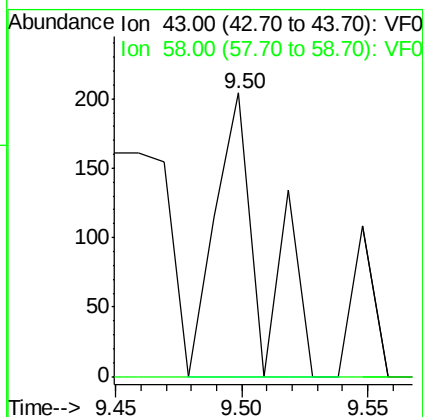
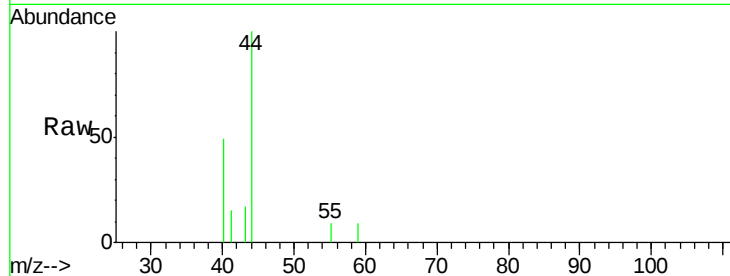
Tgt Ion	Ratio	Lower	Upper
63	100		
106	0.0	16.5	24.7#





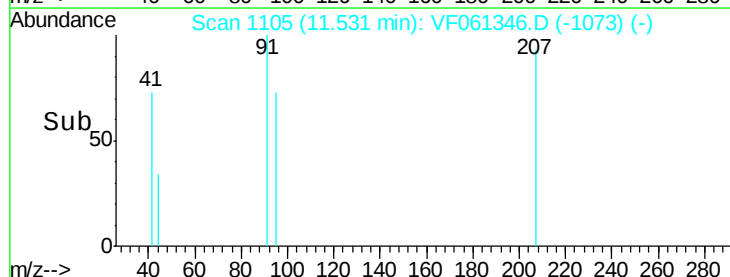
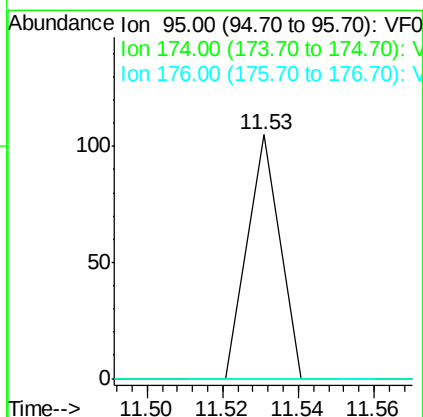
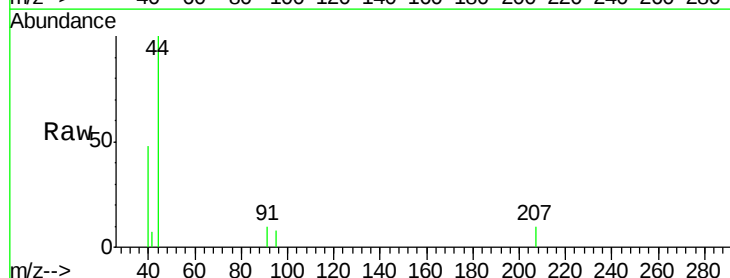
#59
2-Hexanone
Concen: 229.480 ug/l
RT: 9.50 min Scan# 899
Delta R.T. -0.00 min
Lab File: VF061346.D
Acq: 10 Jan 2019 16:17

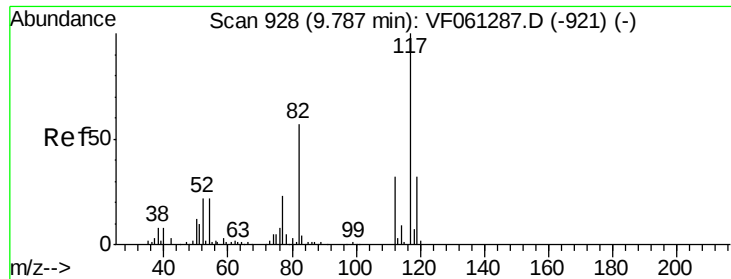
Tot Ion: 43 Resp: 268
Ion Ratio Lower Upper
43 100
58 0.0 25.6 76.8#



#62
4-Bromofluorobenzene
Concen: 16.120 ug/l
RT: 11.53 min Scan# 1105
Delta R.T. 0.12 min
Lab File: VF061346.D
Acq: 10 Jan 2019 16:17

Tgt Ion: 95 Resp: 62
Ion Ratio Lower Upper
95 100
174 0.0 0.0 114.2
176 0.0 0.0 117.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 9.78 min Scan# 928

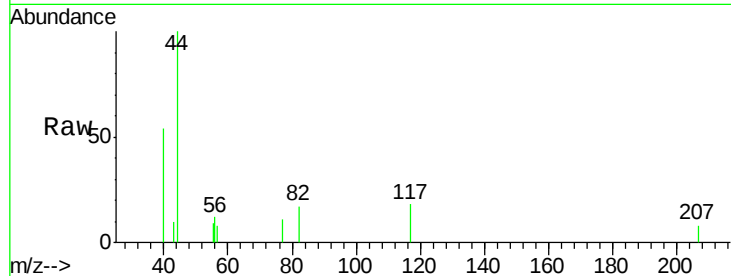
Delta R.T. -0.00 min

Lab File: VF061346.D

Acq: 10 Jan 2019 16:17

Tot Ion:117 Resp: 260

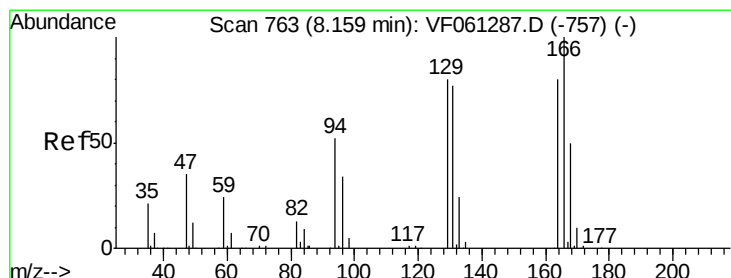
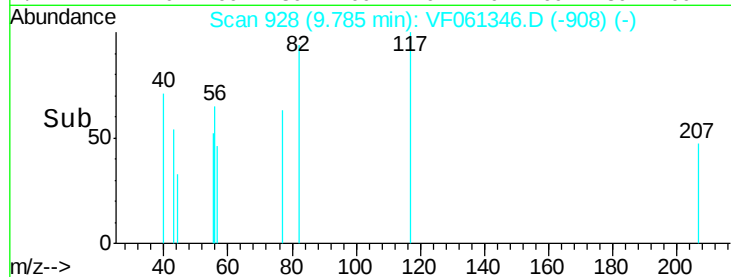
Ion	Ratio	Lower	Upper
117	100		
82	94.1	45.3	67.9#
119	0.0	25.4	38.0#



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: 38.563 ug/l

RT: 8.23 min Scan# 770

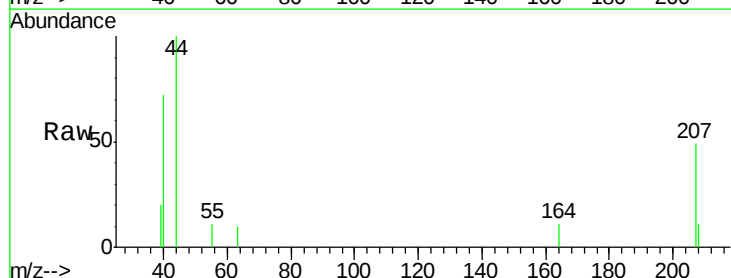
Delta R.T. 0.07 min

Lab File: VF061346.D

Acq: 10 Jan 2019 16:17

Tgt Ion:164 Resp: 73

Ion	Ratio	Lower	Upper
164	100		
166	0.0	100.1	150.1#
129	0.0	80.1	120.1#
131	0.0	76.7	115.1#

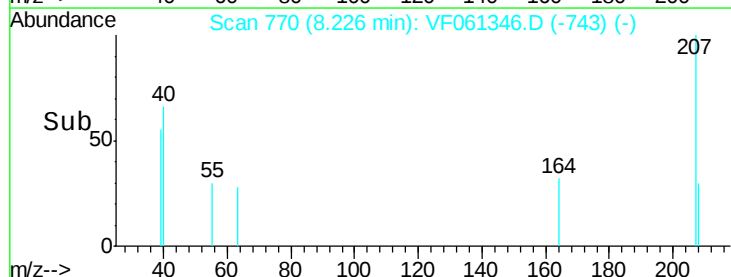


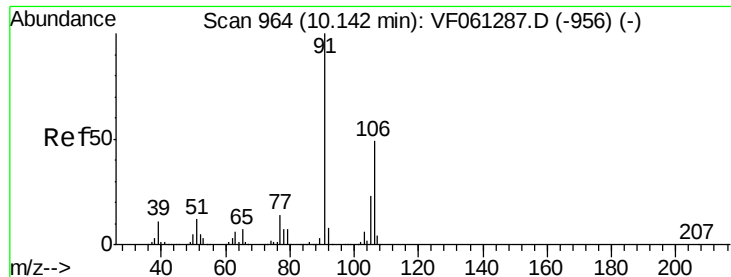
Abundance Ion 163.85 (163.55 to 164.55): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.90 (128.60 to 129.60): V

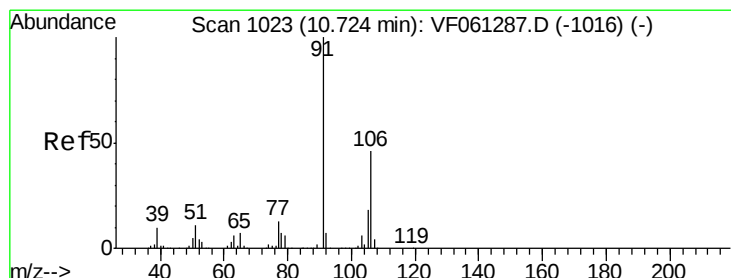
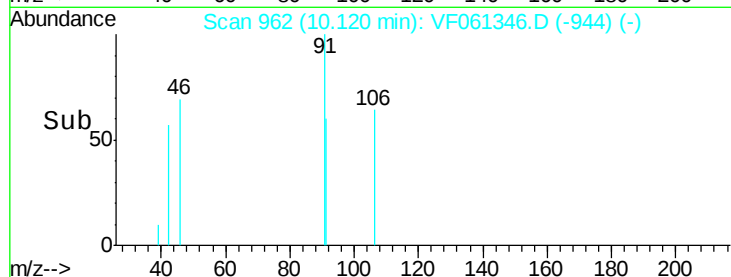
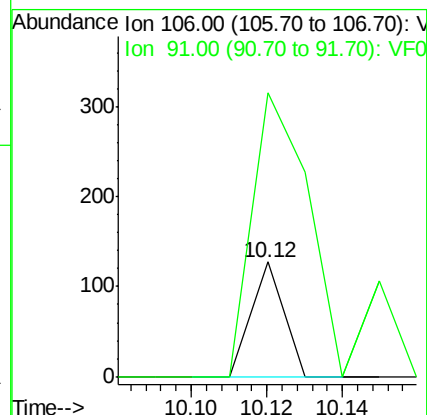
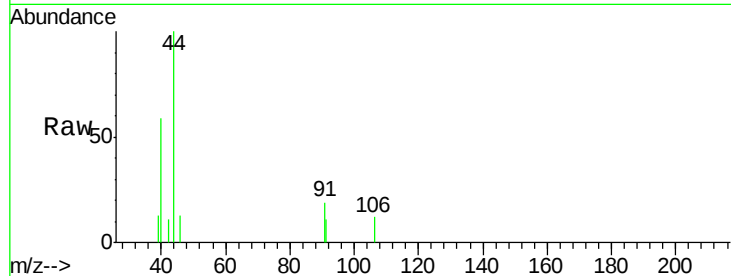
Ion 130.90 (130.60 to 131.60): V





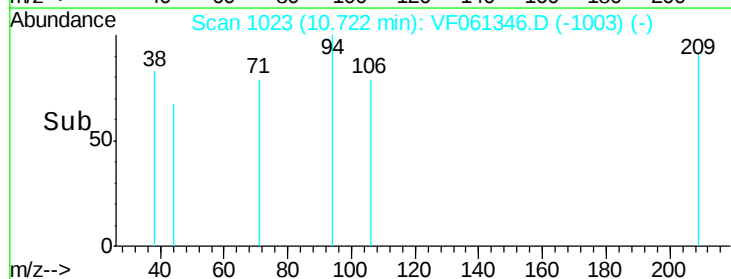
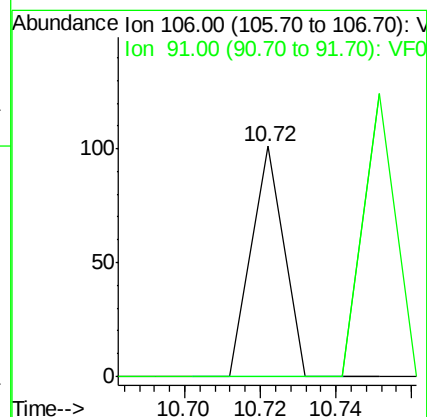
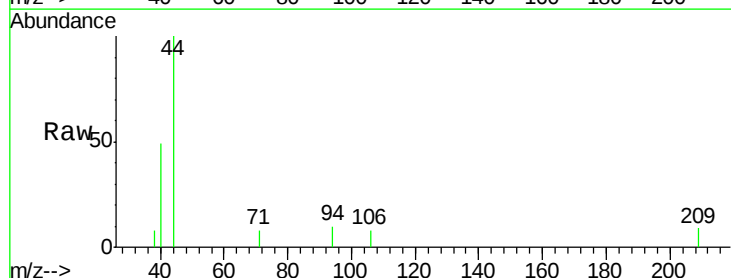
#68
m/p-Xylenes
Concen: 21.240 ug/l
RT: 10.12 min Scan# 962
Delta R.T. -0.02 min
Lab File: VF061346.D
Acq: 10 Jan 2019 16:17

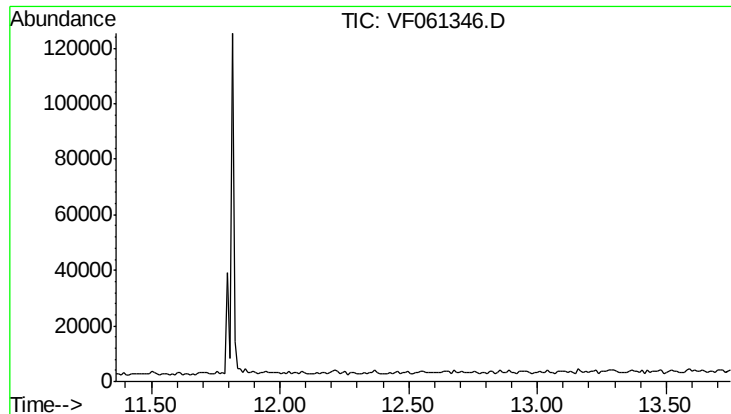
Tot Ion:106 Resp: 75
Ion Ratio Lower Upper
106 100
91 248.0 165.0 247.6#



#69
o-Xylene
Concen: 15.211 ug/l
RT: 10.72 min Scan# 1023
Delta R.T. -0.00 min
Lab File: VF061346.D
Acq: 10 Jan 2019 16:17

Tgt Ion:106 Resp: 60
Ion Ratio Lower Upper
106 100
91 0.0 108.1 324.4#





#72
 1,4-Dichlorobenzene-d4
 Concen: 0.000 ug/l
 Expected RT: 12.56 min
 Lab File: VF061346.D
 Acq: 10 Jan 2019 16:17

Tot Ion	152
Sig	Exp Ratio
152	100
115	59.3
150	157.7

