

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_F\DATA\VF021819\
 Data File : VF061680.D
 Acq On : 18 Feb 2019 16:00
 Operator : VA/AP
 Sample : K1518-13
 Misc : 5.99g/5mL/MSVOA-F/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 CABLE-BRIDGE-FOUNDATION-D-7

Quant Time: Feb 19 01:57:56 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F021319S.M
 Quant Title : SW846 8260
 QLast Update : Thu Feb 14 03:27:56 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.86	168	1196	50.00	ug/l	-0.03
34) 1,4-Difluorobenzene	5.60	114	1328	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.79	117	546	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	4.84	65	157	17.90	ug/l	-0.02
Spiked Amount	50.000		Recovery	=	35.80%	
35) Dibromofluoromethane	4.10	113	102	10.34	ug/l	-0.02
Spiked Amount	50.000		Recovery	=	20.68%	
50) Toluene-d8	7.56	98	1049	37.00	ug/l	0.00
Spiked Amount	50.000		Recovery	=	74.00%	
62) 4-Bromofluorobenzene	11.24	95	63	5.49	ug/l	-0.18
Spiked Amount	50.000		Recovery	=	10.98%	

Target Compounds						Qvalue
3) Chloromethane	1.11	50	153	10.617	ug/l #	42
4) Vinyl Chloride	1.10	62	72	5.374	ug/l #	40
5) Bromomethane	1.33	94	367	39.804	ug/l #	38
6) Chloroethane	1.43	64	124	18.782	ug/l #	40
10) Methyl Iodide	1.85	142	75	3.368	ug/l #	39
12) 1,1-Dichloroethene	1.73	96	63	6.147	ug/l #	1
13) Acrolein	2.00	56	551	863.724	ug/l #	15
14) Allyl chloride	2.13	41	1499	119.195	ug/l #	46
15) Acrylonitrile	2.92	53	179	99.423	ug/l #	18
16) Acetone	2.24	43	1794	953.371	ug/l #	46
17) Carbon Disulfide	1.78	76	62	1.925	ug/l #	73
18) Methyl Acetate	2.35	43	2429	572.997	ug/l #	59
19) Methyl tert-butyl Ether	2.37	73	71	4.054	ug/l #	1
20) Methylene Chloride	2.16	84	79	5.596	ug/l #	1
21) trans-1,2-Dichloroethene	2.34	96	400	35.904	ug/l #	1
22) Diisopropyl ether	2.81	45	243	8.050	ug/l #	1
23) Vinyl Acetate	3.18	43	534	36.217	ug/l #	74
24) 1,1-Dichloroethane	2.87	63	72	3.941	ug/l #	86
25) 2-Butanone	4.31	43	194	47.198	ug/l #	55
26) 2,2-Dichloropropane	3.58	77	90	11.631	ug/l #	52
27) cis-1,2-Dichloroethene	3.56	96	63	4.308	ug/l	1
29) Tetrahydrofuran	4.05	42	270	144.526	ug/l #	33
30) Chloroform	3.80	83	69	3.321	ug/l #	18
31) Cyclohexane	3.65	56	80	4.045	ug/l #	16
37) Ethyl Acetate	4.09	43	159	26.021	ug/l #	30
39) Methylcyclohexane	5.55	83	62	3.985	ug/l #	15
40) Benzene	4.70	78	62	1.802	ug/l #	52
41) Methacrylonitrile	4.75	41	215	68.803	ug/l #	25
43) Isopropyl Acetate	6.95	43	134	18.527	ug/l #	43
48) Methyl methacrylate	6.67	41	66	15.163	ug/l #	17
51) 4-Methyl-2-Pentanone	8.23	43	67	12.964	ug/l #	34
52) Toluene	7.56	92	60	2.875	ug/l #	1
55) 1,1,2-Trichloroethane	8.31	97	98	15.983	ug/l #	16
56) Ethyl methacrylate	8.67	69	62	9.082	ug/l #	26

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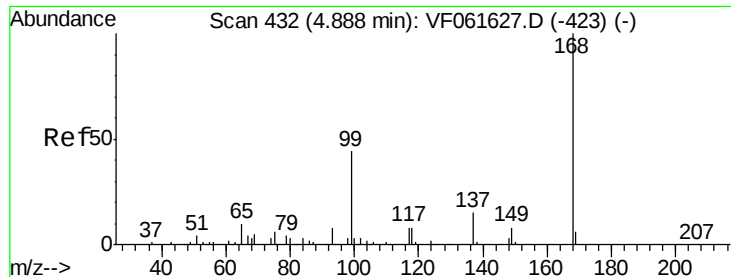
Instrument :
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
58) 2-Chloroethyl Vinyl ether	7.26	63	63	53.488	ug/l #	44
59) 2-Hexanone	9.52	43	177	48.859	ug/l #	23
61) 1,2-Dibromoethane	8.93	107	67	10.074	ug/l #	1

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

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.86 min Scan# 429

Delta R.T. -0.03 min

Lab File: VF061680.D

Acq: 18 Feb 2019 16:00

Instrument :

MSVOA_F

ClientSampleId :

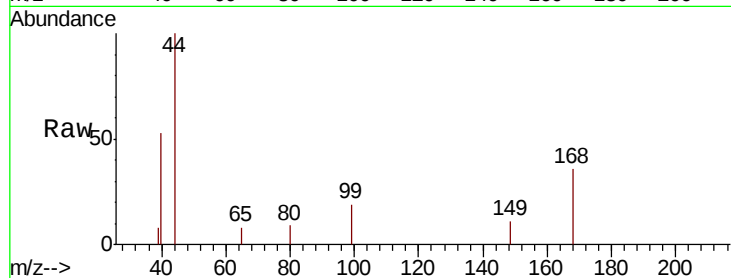
CABLE-BRIDGE-FOUNDATION-D-7

Tgt Ion: 168 Resp: 1196

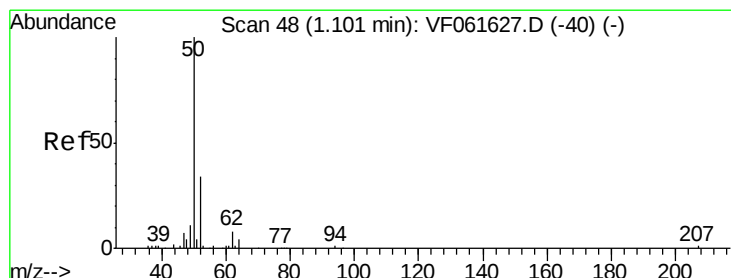
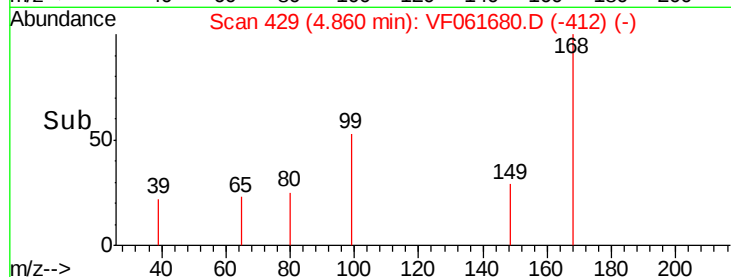
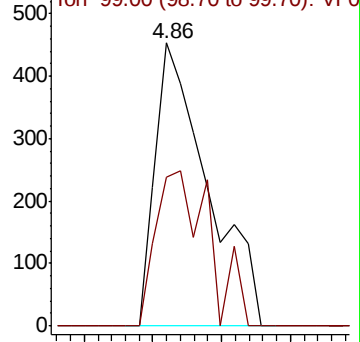
Ion Ratio Lower Upper

168 100

99 52.5 34.9 52.3#



Abundance Ion 168.00 (167.70 to 168.70): VF0



#3

Chloromethane

Concen: 10.617 ug/l

RT: 1.11 min Scan# 49

Delta R.T. 0.01 min

Lab File: VF061680.D

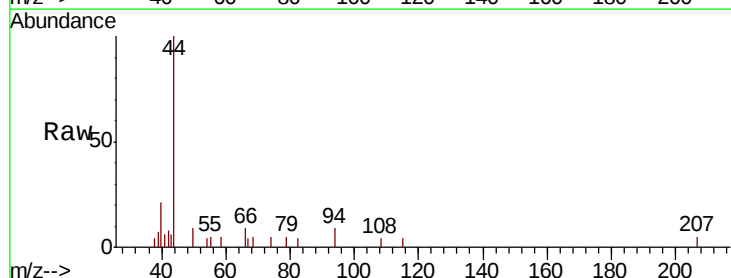
Acq: 18 Feb 2019 16:00

Tgt Ion: 50 Resp: 153

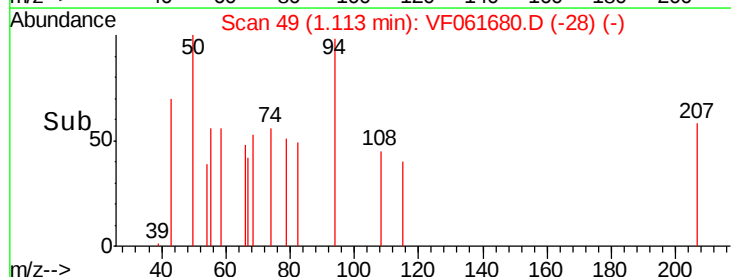
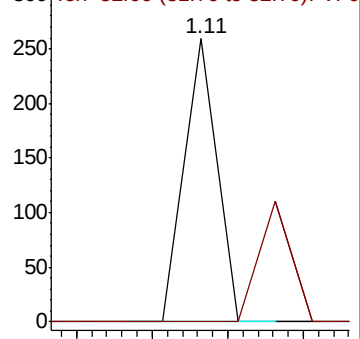
Ion Ratio Lower Upper

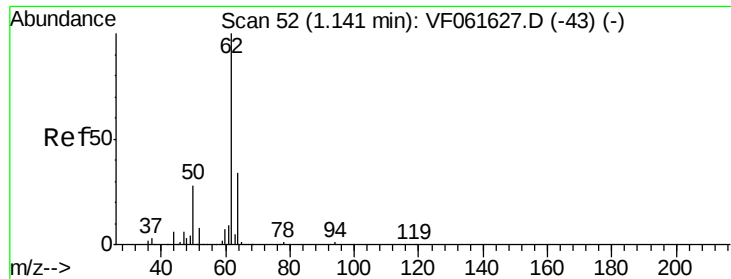
50 100

52 0.0 26.2 39.4#



Abundance Ion 50.00 (49.70 to 50.70): VF0





#4

Vinyl Chloride

Concen: 5.374 ug/l

RT: 1.10 min Scan# 48

Delta R.T. -0.04 min

Lab File: VF061680.D

Acq: 18 Feb 2019 16:00

Instrument :

MSVOA_F

ClientSampleId :

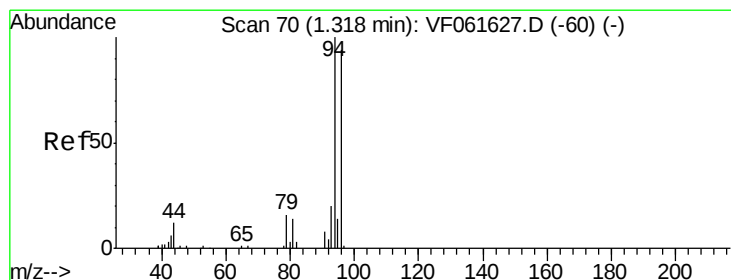
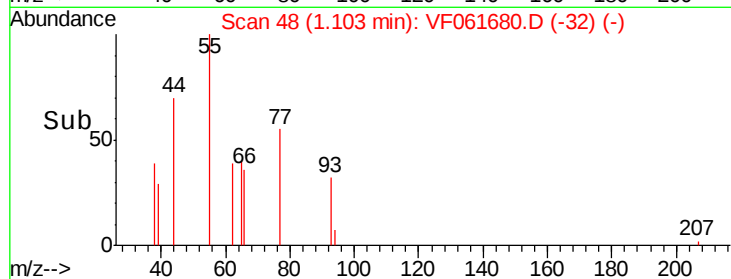
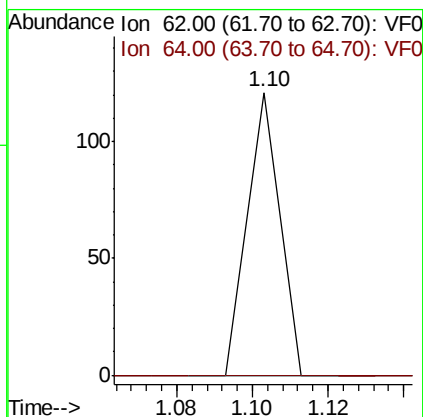
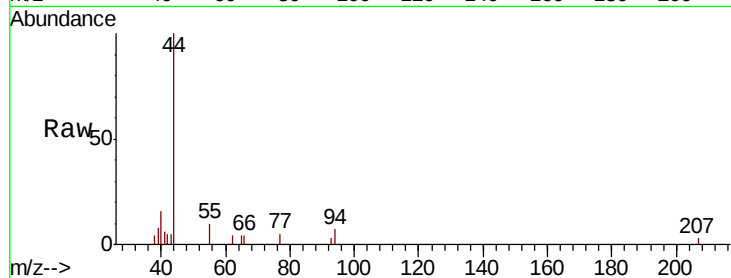
CABLE-BRIDGE-FOUNDATION-D-7

Tgt Ion: 62 Resp: 72

Ion Ratio Lower Upper

62 100

64 0.0 27.5 41.3#



#5

Bromomethane

Concen: 39.804 ug/l

RT: 1.33 min Scan# 71

Delta R.T. 0.01 min

Lab File: VF061680.D

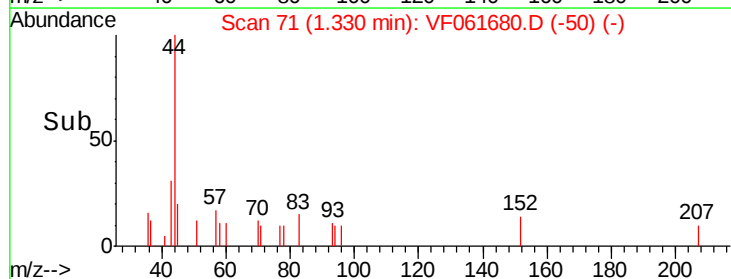
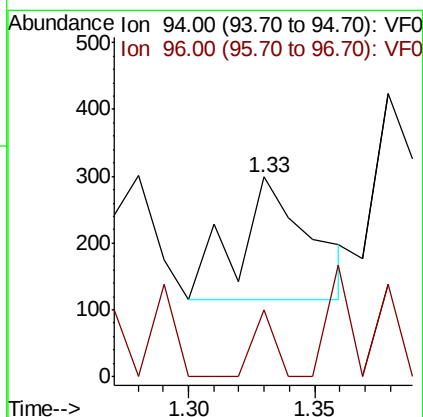
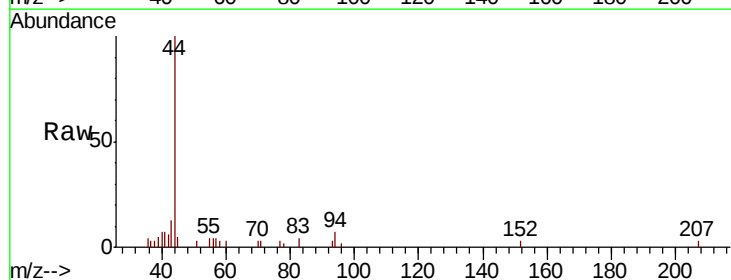
Acq: 18 Feb 2019 16:00

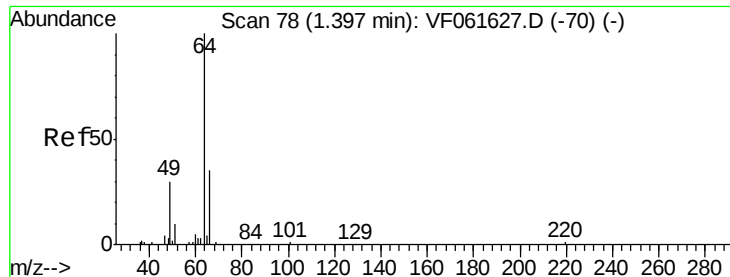
Tgt Ion: 94 Resp: 367

Ion Ratio Lower Upper

94 100

96 33.8 74.6 112.0#





#6

Chloroethane

Concen: 18.782 ug/l

RT: 1.43 min Scan# 81

Delta R.T. 0.03 min

Lab File: VF061680.D

Acq: 18 Feb 2019 16:00

Instrument :

MSVOA_F

ClientSampleId :

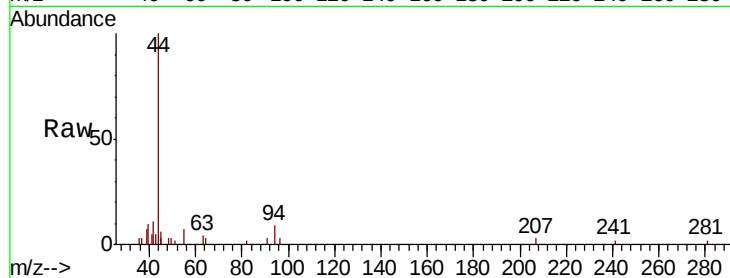
CABLE-BRIDGE-FOUNDATION-D-7

Tgt Ion: 64 Resp: 124

Ion Ratio Lower Upper

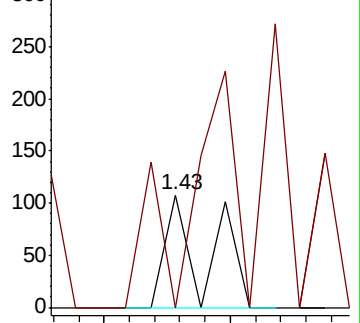
64 100

66 0.0 27.9 41.9#

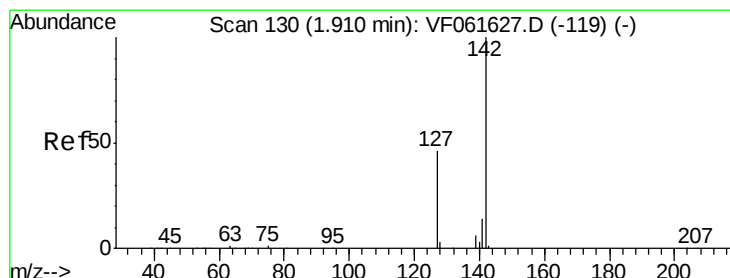
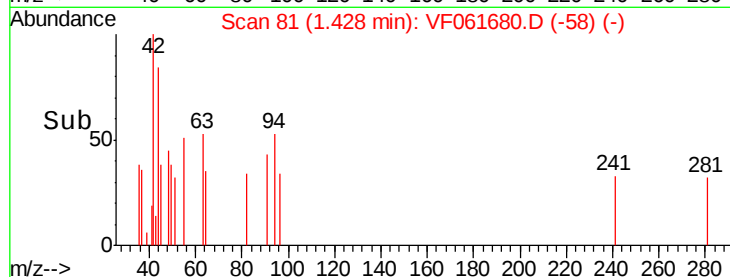


Abundance Ion 64.00 (63.70 to 64.70): VF0

Ion 66.00 (65.70 to 66.70): VF0



Time-->



#10

Methyl Iodide

Concen: 3.368 ug/l

RT: 1.85 min Scan# 124

Delta R.T. -0.06 min

Lab File: VF061680.D

Acq: 18 Feb 2019 16:00

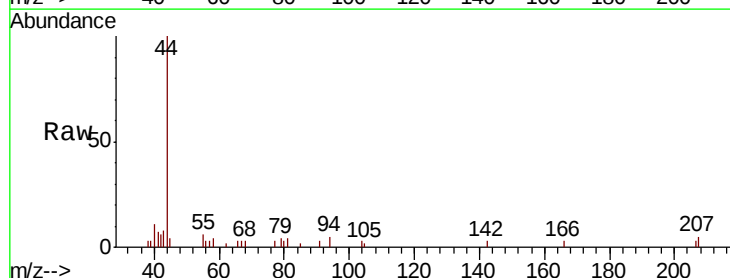
Tgt Ion: 142 Resp: 75

Ion Ratio Lower Upper

142 100

127 0.0 36.6 55.0#

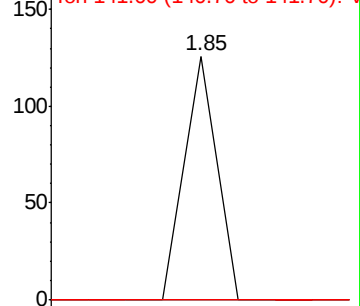
141 0.0 11.0 16.6#



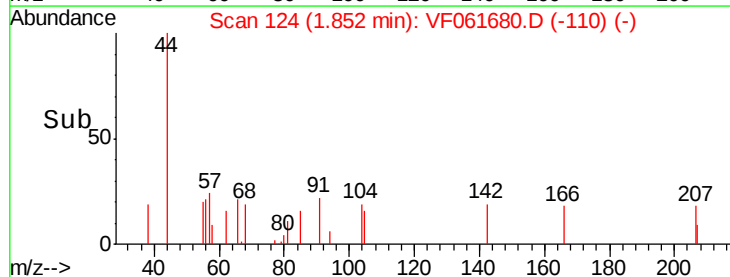
Abundance Ion 142.00 (141.70 to 142.70): V

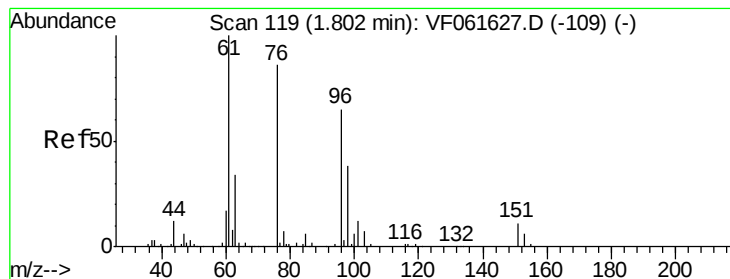
Ion 127.00 (126.70 to 127.70): V

Ion 141.00 (140.70 to 141.70): V



Time-->





#12

1,1-Dichloroethene

Concen: 6.147 ug/l

RT: 1.73 min Scan# 112

Delta R.T. -0.07 min

Lab File: VF061680.D

Acq: 18 Feb 2019 16:00

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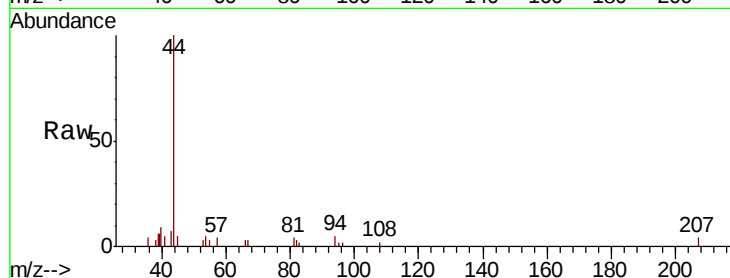
Tgt Ion: 96 Resp: 63

Ion Ratio Lower Upper

96 100

61 0.0 122.6 184.0#

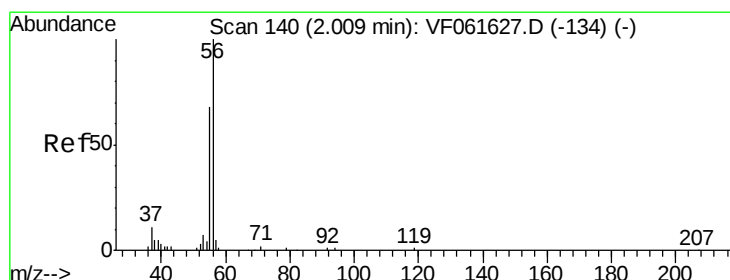
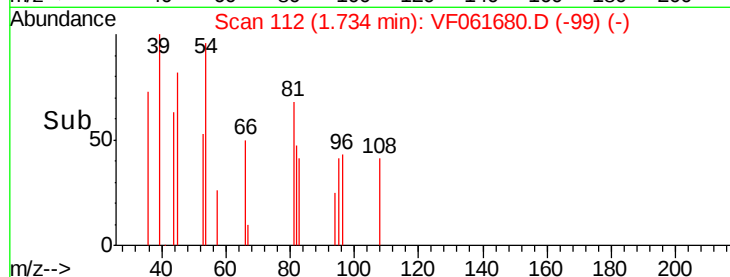
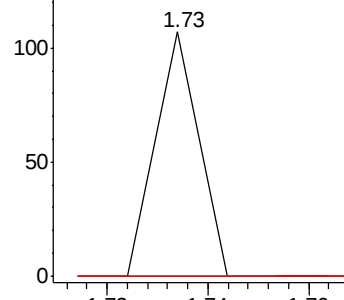
98 0.0 47.2 70.8#



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: 863.724 ug/l

RT: 2.00 min Scan# 139

Delta R.T. -0.01 min

Lab File: VF061680.D

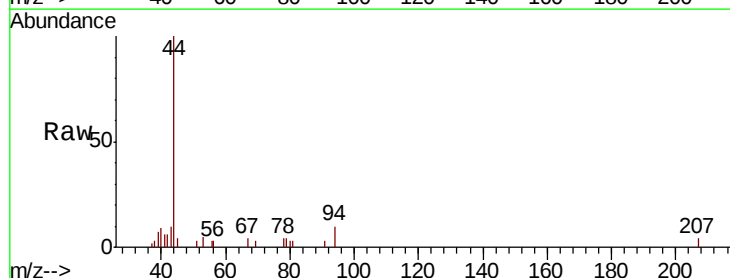
Acq: 18 Feb 2019 16:00

Tgt Ion: 56 Resp: 551

Ion Ratio Lower Upper

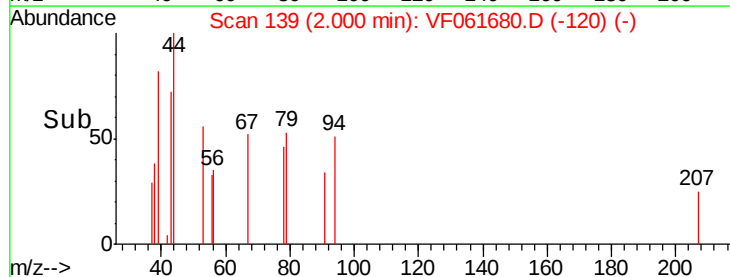
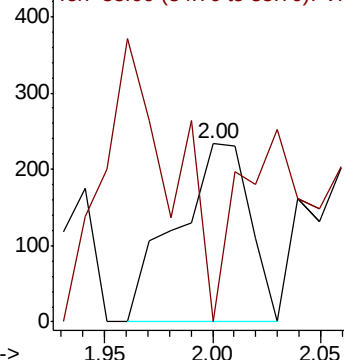
56 100

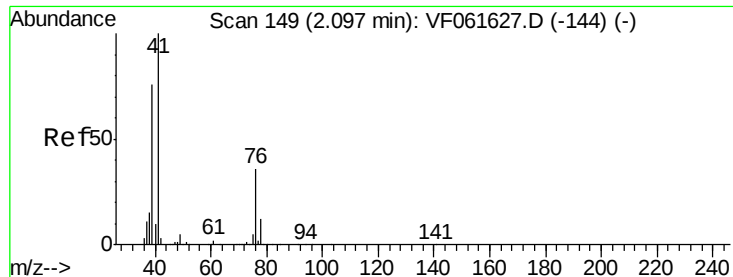
55 0.0 55.0 82.6#



Abundance Ion 56.00 (55.70 to 56.70): VF0

Ion 55.00 (54.70 to 55.70): VF0





#14

Allyl chloride

Concen: 119.195 ug/l

RT: 2.13 min Scan# 152

Delta R.T. 0.03 min

Lab File: VF061680.D

Acq: 18 Feb 2019 16:00

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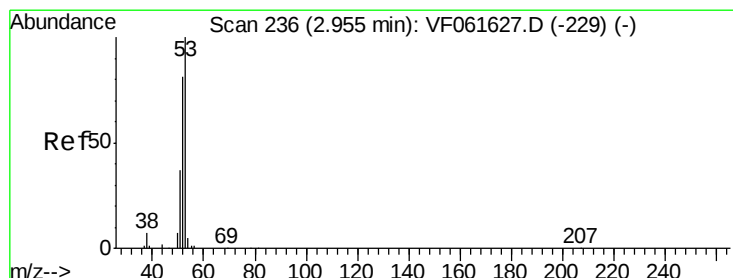
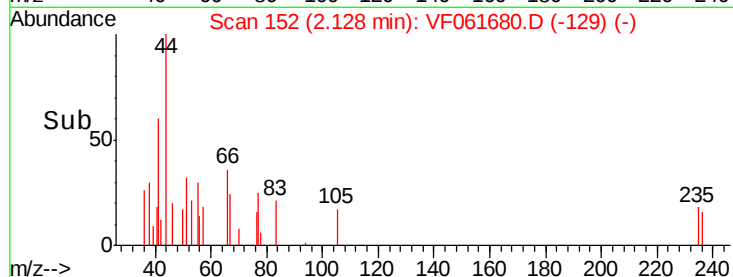
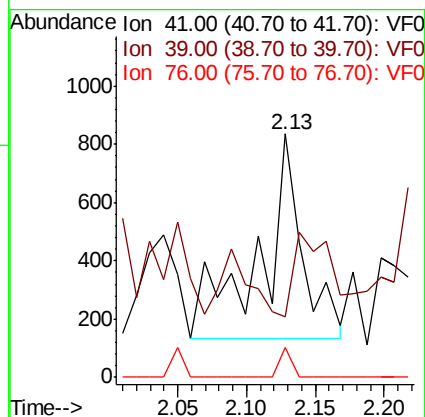
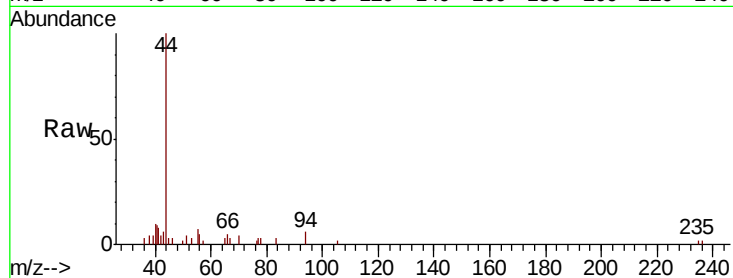
Tgt Ion: 41 Resp: 1499

Ion Ratio Lower Upper

41 100

39 25.0 61.6 92.4#

76 12.4 30.3 45.5#



#15

Acrylonitrile

Concen: 99.423 ug/l

RT: 2.92 min Scan# 232

Delta R.T. -0.04 min

Lab File: VF061680.D

Acq: 18 Feb 2019 16:00

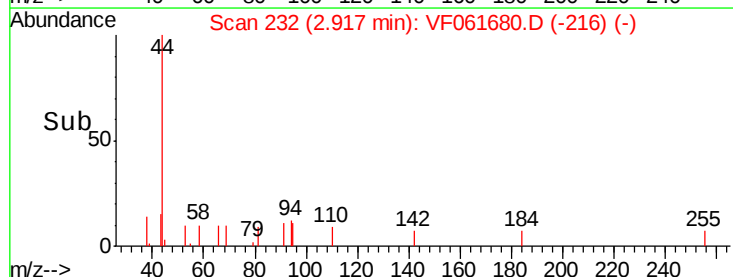
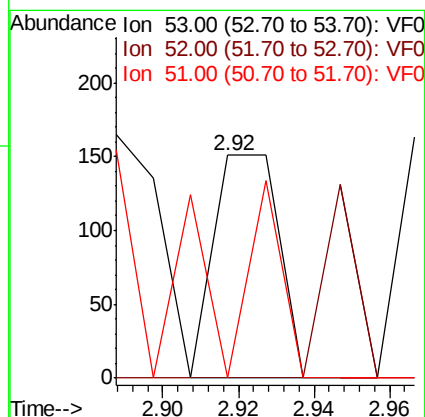
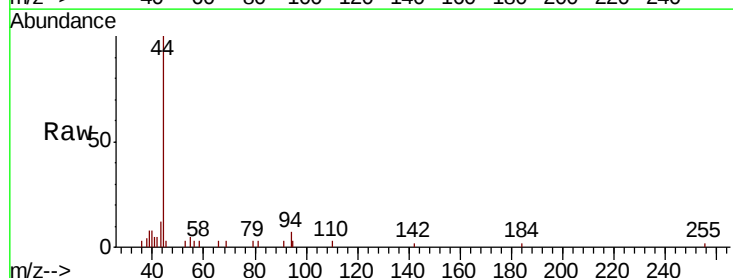
Tgt Ion: 53 Resp: 179

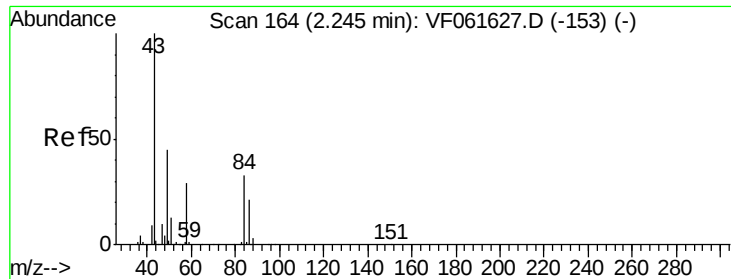
Ion Ratio Lower Upper

53 100

52 0.0 64.6 97.0#

51 0.0 29.8 44.8#





#16

Acetone

Concen: 953.371 ug/l

RT: 2.24 min Scan# 163

Delta R.T. -0.01 min

Lab File: VF061680.D

Acq: 18 Feb 2019 16:00

Instrument :

MSVOA_F

ClientSampleId :

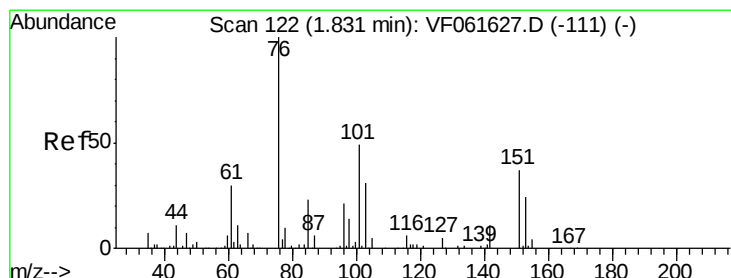
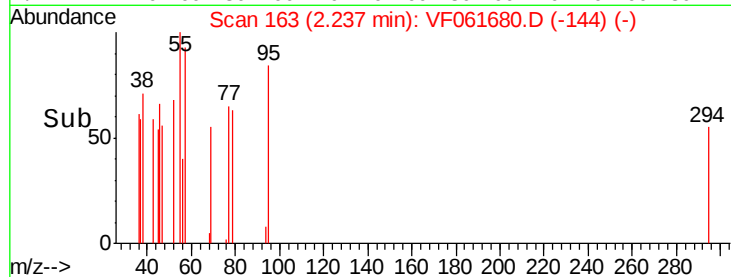
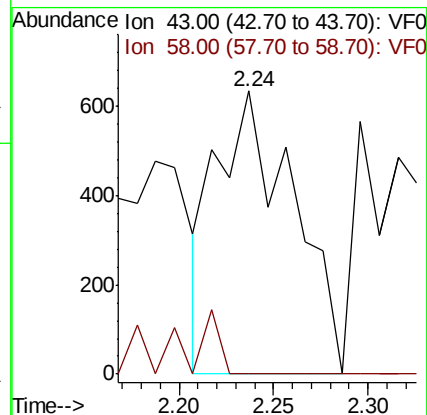
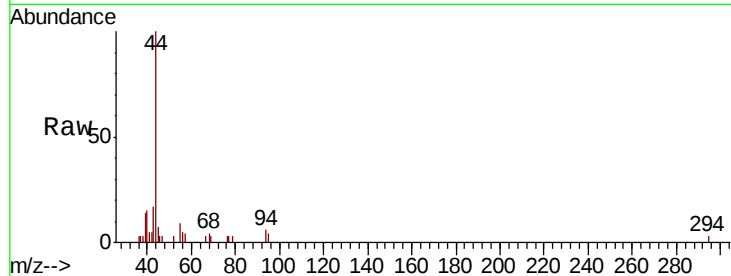
CABLE-BRIDGE-FOUNDATION-D-7

Tgt Ion: 43 Resp: 1794

Ion Ratio Lower Upper

43 100

58 0.0 22.9 34.3#



#17

Carbon Disulfide

Concen: 1.925 ug/l

RT: 1.78 min Scan# 117

Delta R.T. -0.05 min

Lab File: VF061680.D

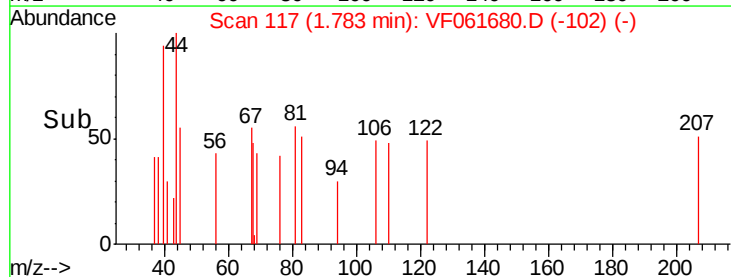
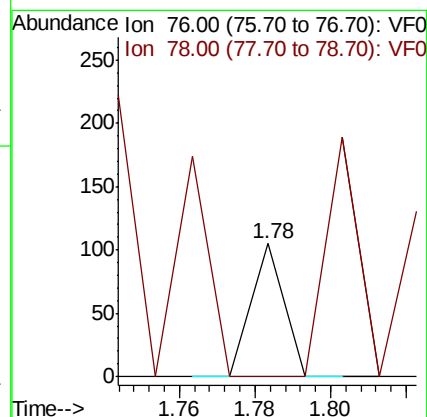
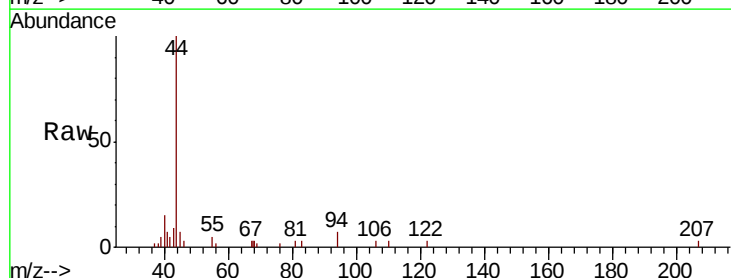
Acq: 18 Feb 2019 16:00

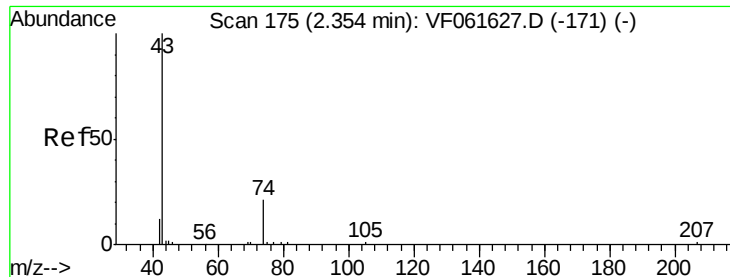
Tgt Ion: 76 Resp: 62

Ion Ratio Lower Upper

76 100

78 0.0 7.9 11.9#

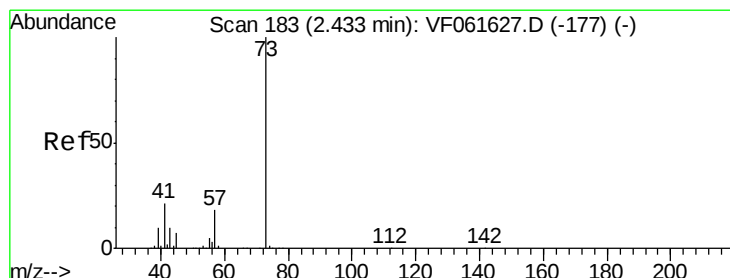
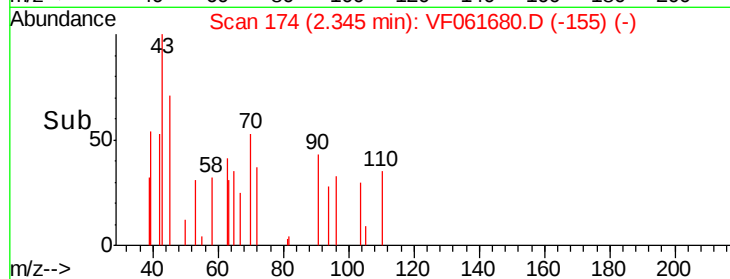
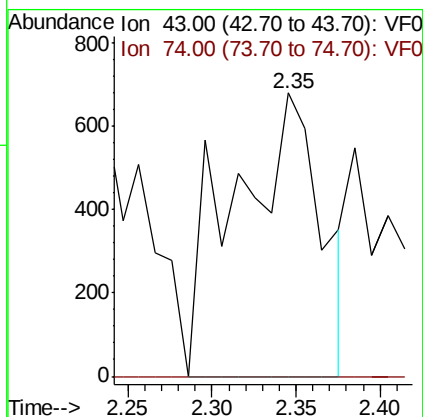
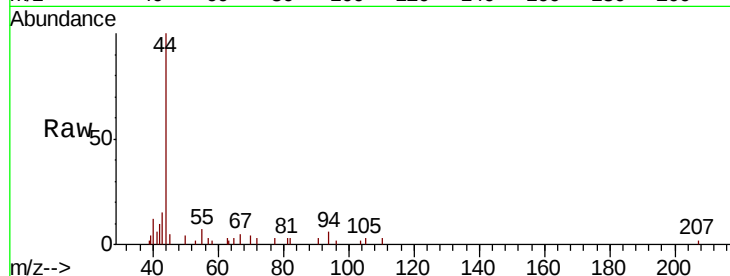




#18
Methyl Acetate
Concen: 572.997 ug/l
RT: 2.35 min Scan# 174
Delta R.T. -0.01 min
Lab File: VF061680.D
Acq: 18 Feb 2019 16:00

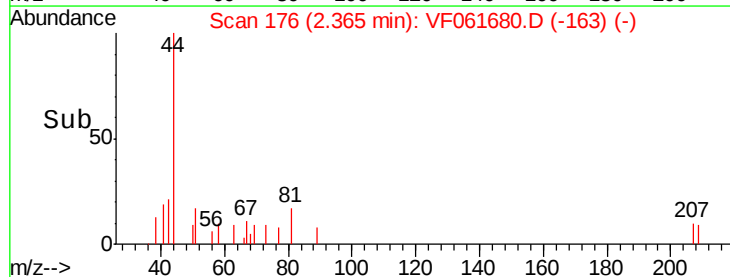
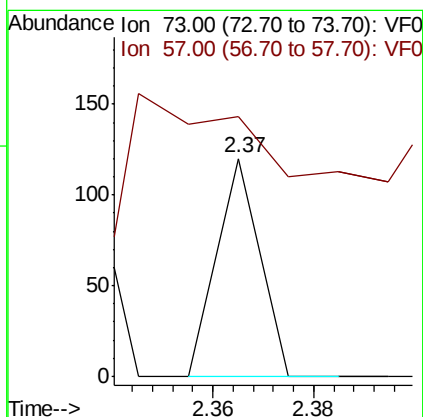
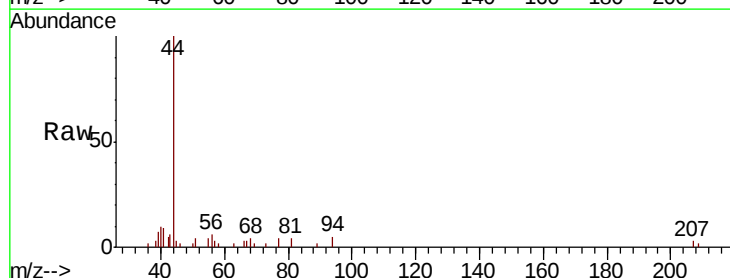
Instrument :
MSVOA_F
ClientSampleId :
CABLE-BRIDGE-FOUNDATION-D-7

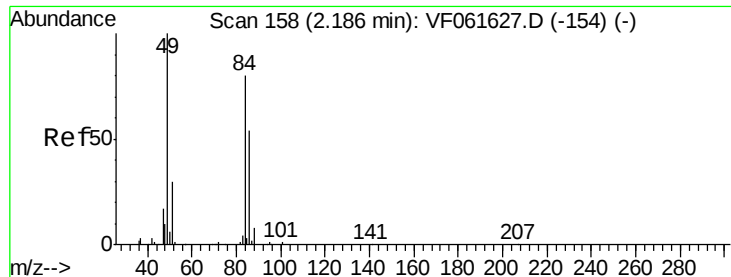
Tgt Ion: 43 Resp: 2429
Ion Ratio Lower Upper
43 100
74 0.0 14.6 21.8#



#19
Methyl tert-butyl Ether
Concen: 4.054 ug/l
RT: 2.37 min Scan# 176
Delta R.T. -0.07 min
Lab File: VF061680.D
Acq: 18 Feb 2019 16:00

Tgt Ion: 73 Resp: 71
Ion Ratio Lower Upper
73 100
57 119.2 15.8 23.8#





#20

Methylene Chloride

Concen: 5.596 ug/l

RT: 2.16 min Scan# 155

Delta R.T. -0.03 min

Lab File: VF061680.D

Acq: 18 Feb 2019 16:00

Instrument :

MSVOA_F

ClientSampleId :

CABLE-BRIDGE-FOUNDATION-D-7

Tgt Ion: 84 Resp: 79

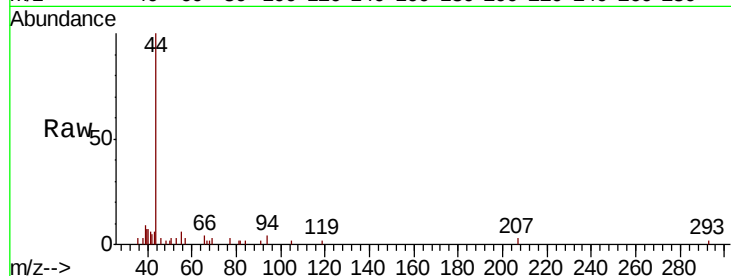
Ion Ratio Lower Upper

84 100

49 0.0 101.8 152.8#

51 115.0 31.1 46.7#

86 0.0 54.4 81.6#

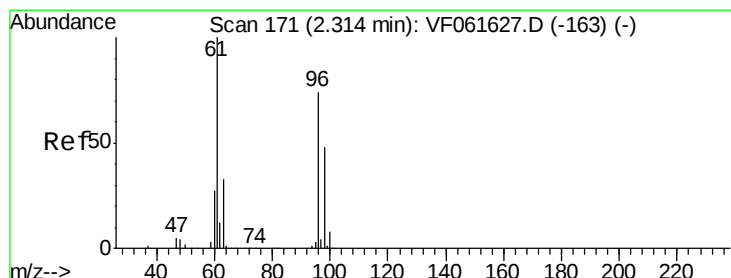
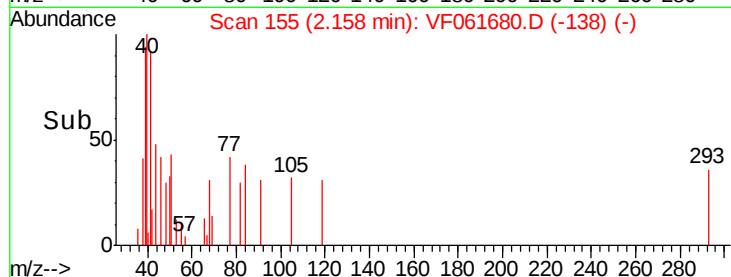
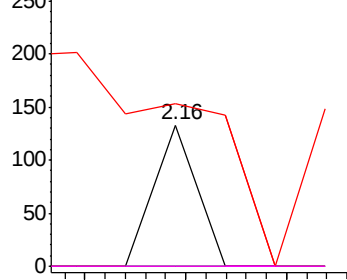


Abundance Ion 84.00 (83.70 to 84.70): VF0

Ion 49.00 (48.70 to 49.70): VF0

Ion 51.00 (50.70 to 51.70): VF0

Ion 86.00 (85.70 to 86.70): VF0



#21

trans-1,2-Dichloroethene

Concen: 35.904 ug/l

RT: 2.34 min Scan# 173

Delta R.T. 0.02 min

Lab File: VF061680.D

Acq: 18 Feb 2019 16:00

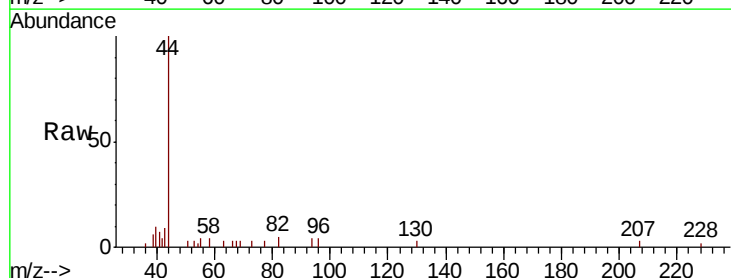
Tgt Ion: 96 Resp: 400

Ion Ratio Lower Upper

96 100

61 0.0 108.2 162.4#

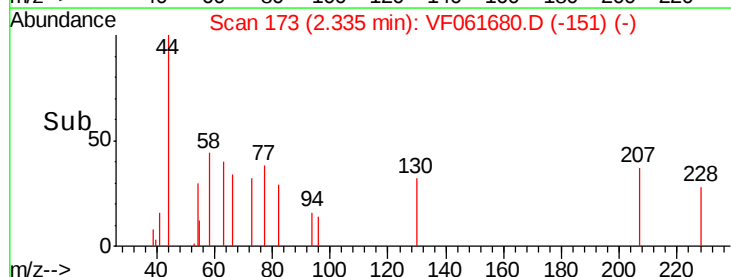
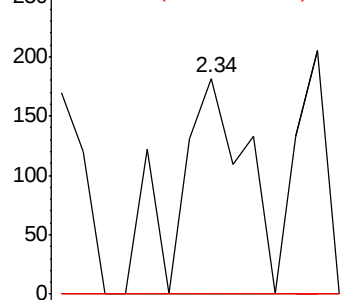
98 0.0 52.2 78.2#

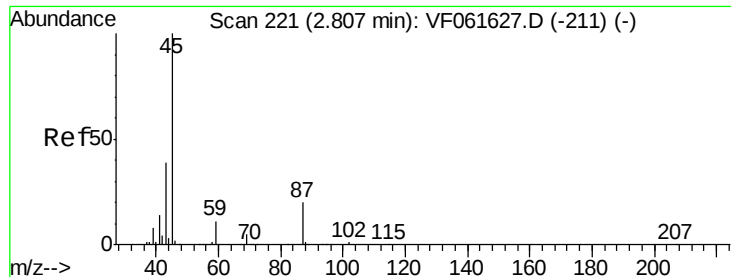


Abundance Ion 96.00 (95.70 to 96.70): VF0

Ion 61.00 (60.70 to 61.70): VF0

Ion 98.00 (97.70 to 98.70): VF0

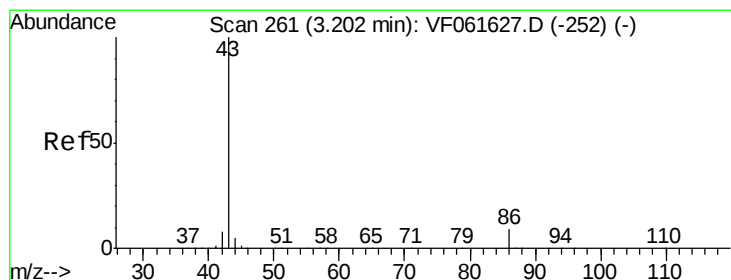
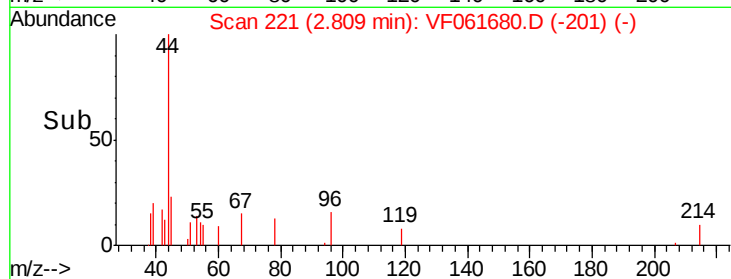
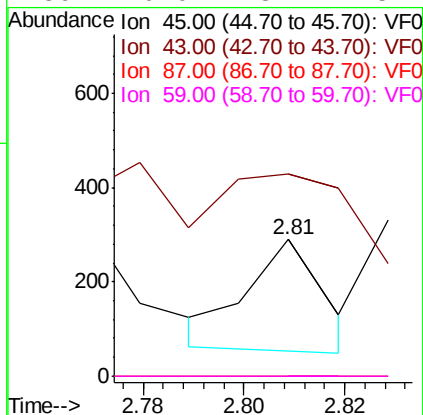
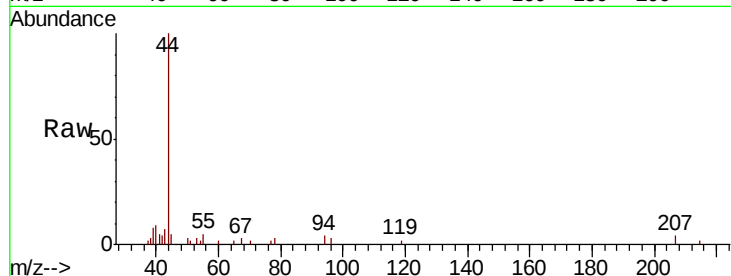




#22
Diisopropyl ether
Concen: 8.050 ug/l
RT: 2.81 min Scan# 221
Delta R.T. 0.00 min
Lab File: VF061680.D
Acq: 18 Feb 2019 16:00

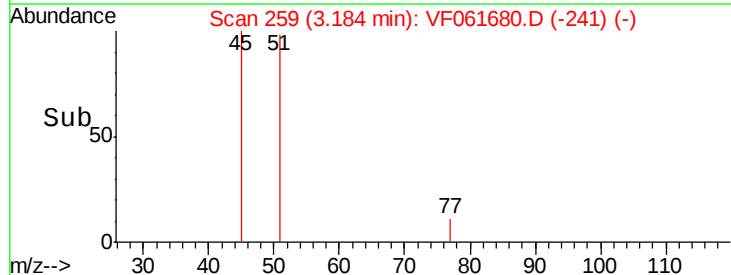
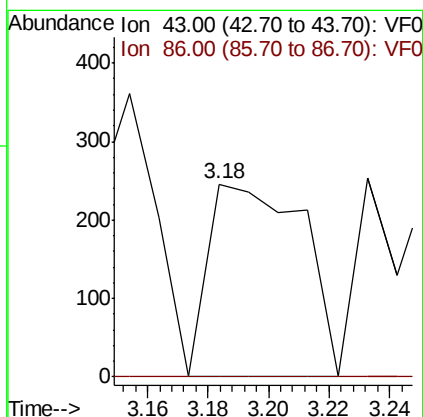
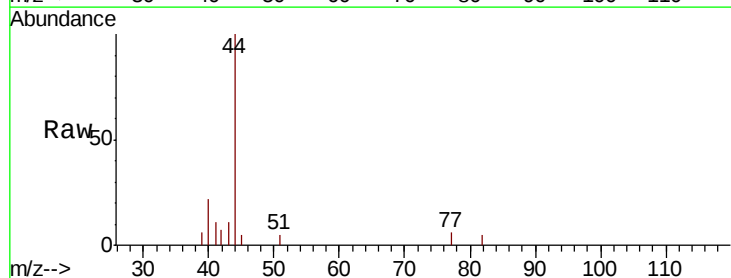
Instrument :
MSVOA_F
ClientSampleId :
CABLE-BRIDGE-FOUNDATION-D-7

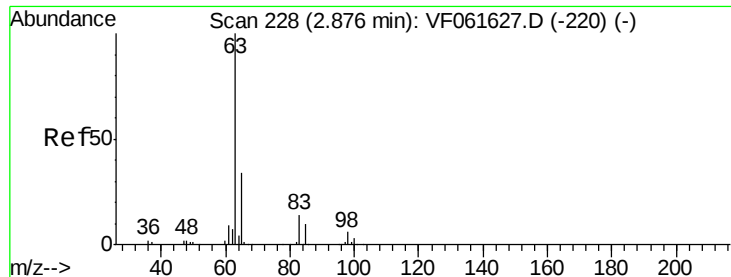
Tgt Ion:	45	Resp:	243
Ion	Ratio	Lower	Upper
45	100		
43	147.9	31.4	47.2#
87	0.0	16.3	24.5#
59	0.0	8.7	13.1#



#23
Vinyl Acetate
Concen: 36.217 ug/l
RT: 3.18 min Scan# 259
Delta R.T. -0.02 min
Lab File: VF061680.D
Acq: 18 Feb 2019 16:00

Tgt Ion:	43	Resp:	534
Ion	Ratio	Lower	Upper
43	100		
86	0.0	7.5	11.3#





#24

1,1-Dichloroethane

Concen: 3.941 ug/l

RT: 2.87 min Scan# 227

Delta R.T. -0.01 min

Lab File: VF061680.D

Acq: 18 Feb 2019 16:00

Instrument :

MSVOA_F

ClientSampleId :

CABLE-BRIDGE-FOUNDATION-D-7

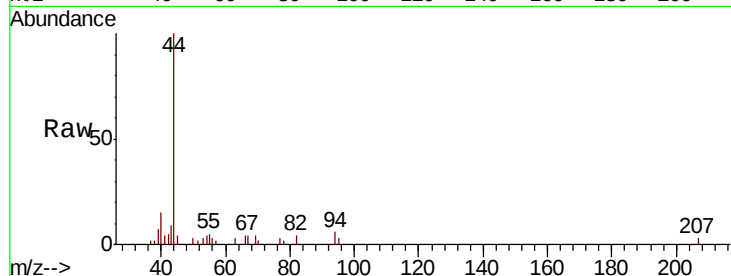
Tgt Ion: 63 Resp: 72

Ion Ratio Lower Upper

63 100

98 0.0 2.8 8.3#

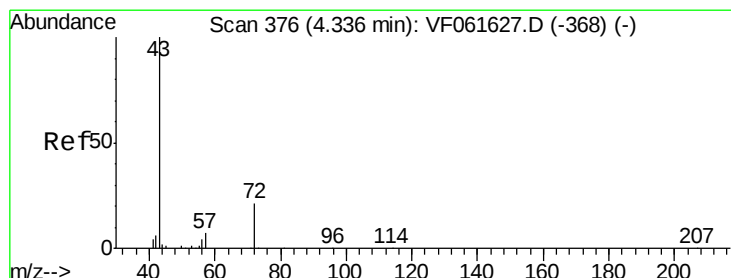
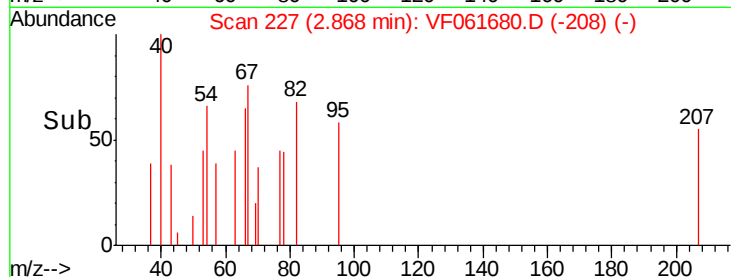
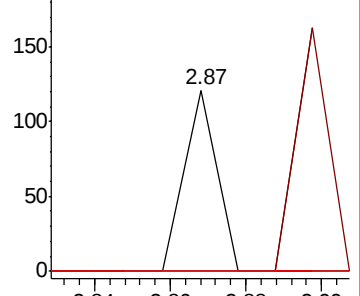
100 0.0 1.8 5.4#



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: 47.198 ug/l

RT: 4.31 min Scan# 373

Delta R.T. -0.03 min

Lab File: VF061680.D

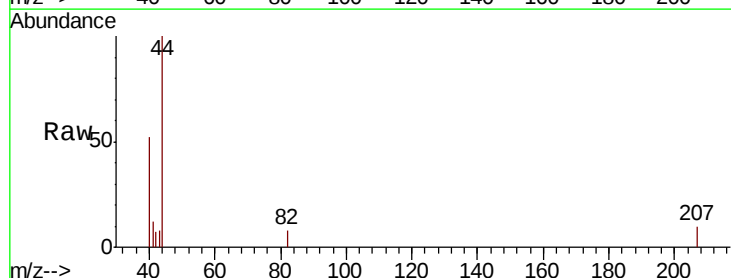
Acq: 18 Feb 2019 16:00

Tgt Ion: 43 Resp: 194

Ion Ratio Lower Upper

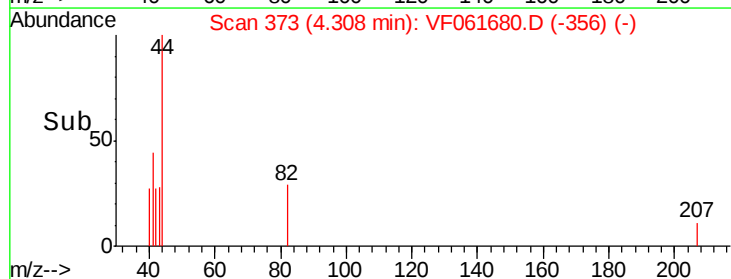
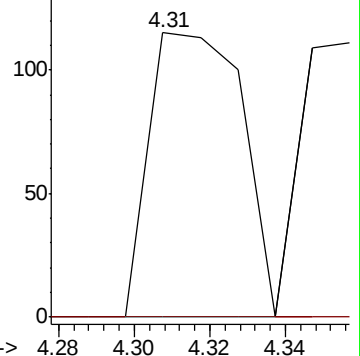
43 100

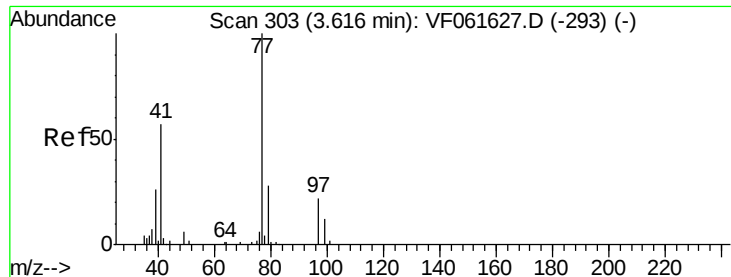
72 0.0 17.1 25.7#



Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 72.00 (71.70 to 72.70): VF0





#26

2,2-Dichloropropane

Concen: 11.631 ug/l

RT: 3.58 min Scan# 299

Delta R.T. -0.04 min

Lab File: VF061680.D

Acq: 18 Feb 2019 16:00

Instrument :

MSVOA_F

ClientSampleId :

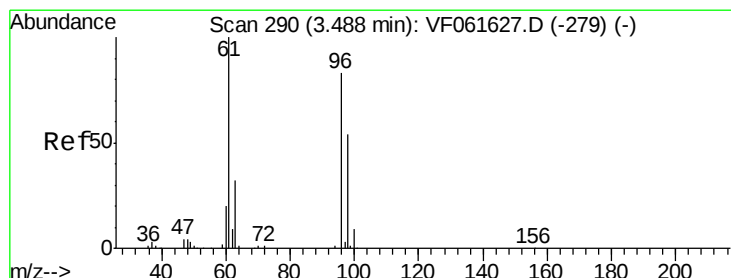
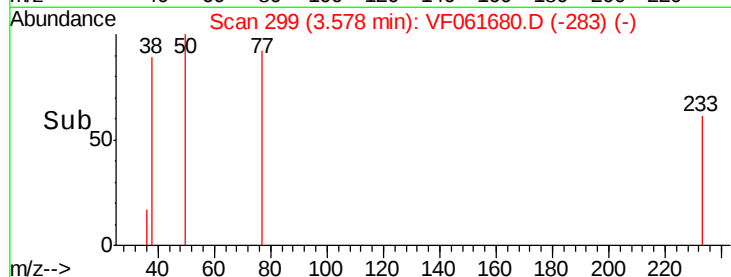
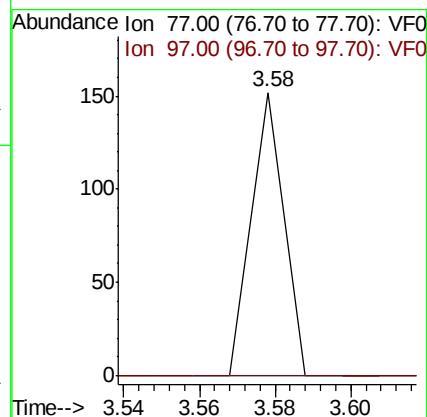
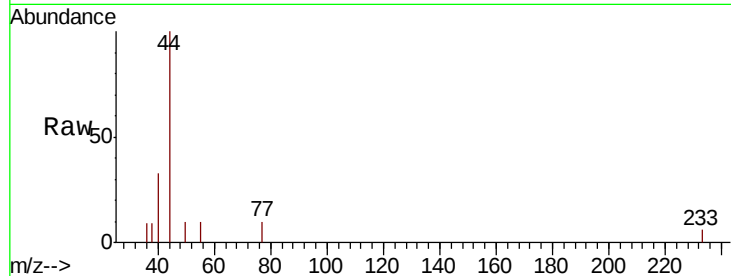
CABLE-BRIDGE-FOUNDATION-D-7

Tgt Ion: 77 Resp: 90

Ion Ratio Lower Upper

77 100

97 0.0 11.7 35.0#



#27

cis-1,2-Dichloroethene

Concen: 4.308 ug/l

RT: 3.56 min Scan# 297

Delta R.T. 0.07 min

Lab File: VF061680.D

Acq: 18 Feb 2019 16:00

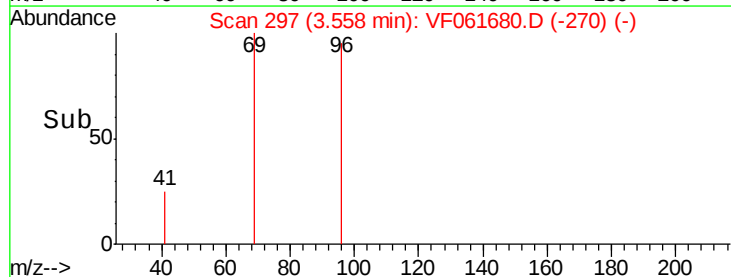
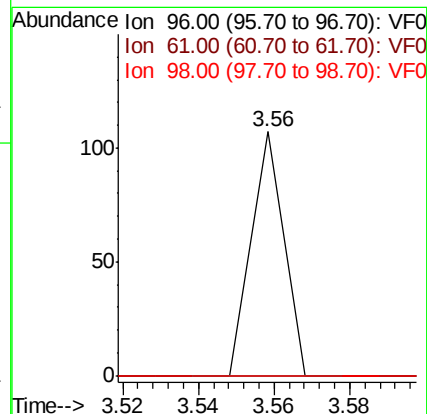
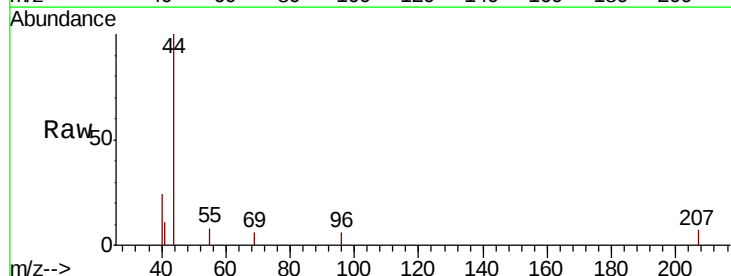
Tgt Ion: 96 Resp: 63

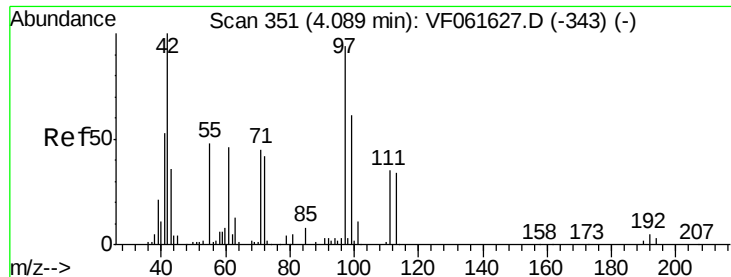
Ion Ratio Lower Upper

96 100

61 0.0 0.0 241.6

98 0.0 0.0 130.2

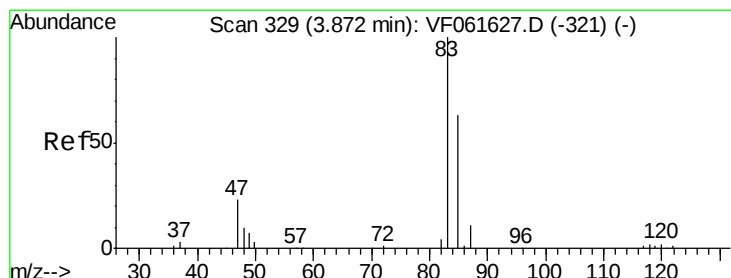
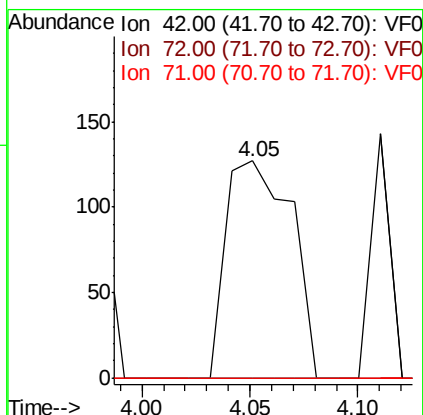
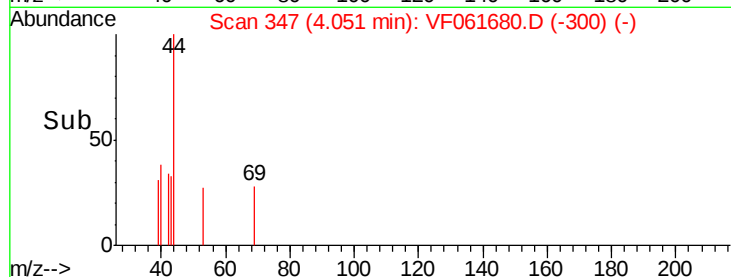
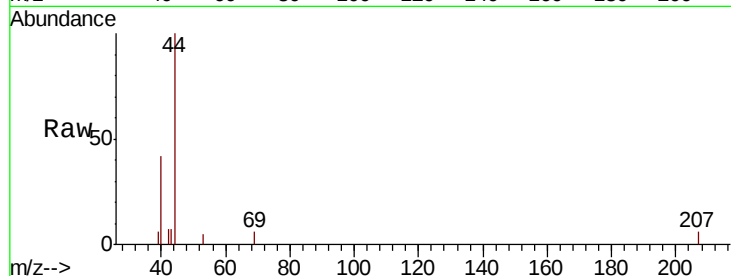




#29
Tetrahydrofuran
Concen: 144.526 ug/l
RT: 4.05 min Scan# 347
Delta R.T. -0.04 min
Lab File: VF061680.D
Acq: 18 Feb 2019 16:00

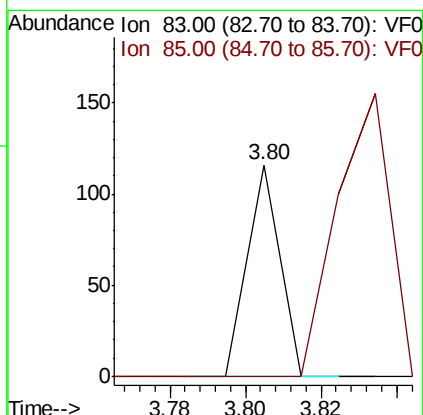
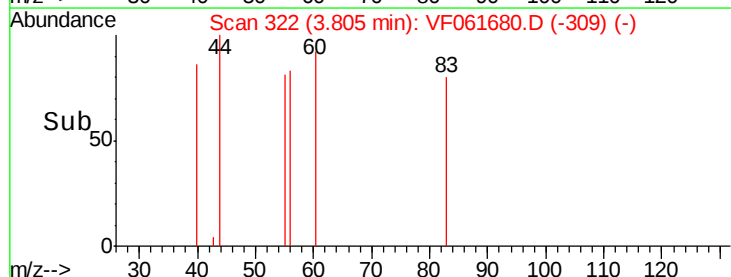
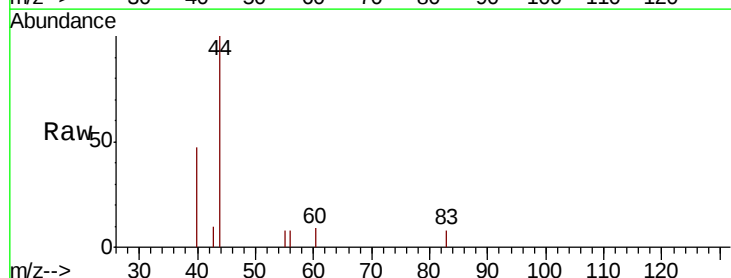
Instrument :
MSVOA_F
ClientSampleId :
CABLE-BRIDGE-FOUNDATION-D-7

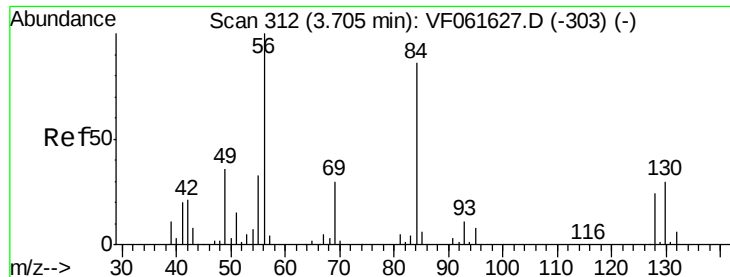
Tgt Ion: 42 Resp: 270
Ion Ratio Lower Upper
42 100
72 0.0 35.2 52.8#
71 0.0 32.9 49.3#



#30
Chloroform
Concen: 3.321 ug/l
RT: 3.80 min Scan# 322
Delta R.T. -0.07 min
Lab File: VF061680.D
Acq: 18 Feb 2019 16:00

Tgt Ion: 83 Resp: 69
Ion Ratio Lower Upper
83 100
85 0.0 51.1 76.7#

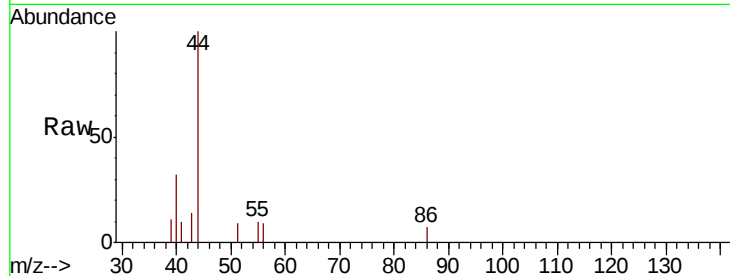




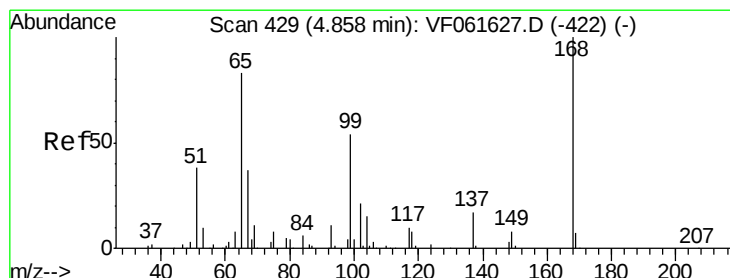
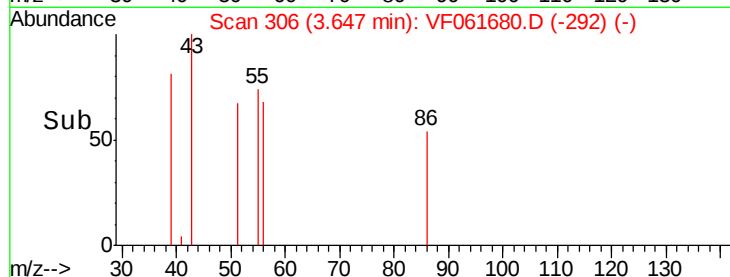
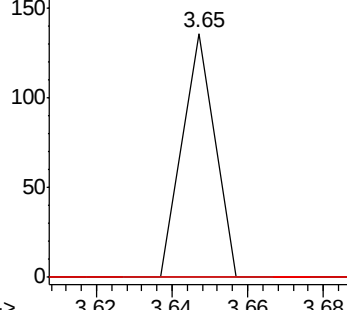
#31
Cyclohexane
Concen: 4.045 ug/l
RT: 3.65 min Scan# 306
Delta R.T. -0.06 min
Lab File: VF061680.D
Acq: 18 Feb 2019 16:00

Instrument :
MSVOA_F
ClientSampleId :
CABLE-BRIDGE-FOUNDATION-D-7

Tgt Ion: 56 Resp: 80
Ion Ratio Lower Upper
56 100
69 0.0 23.8 35.8#
84 0.0 68.6 103.0#

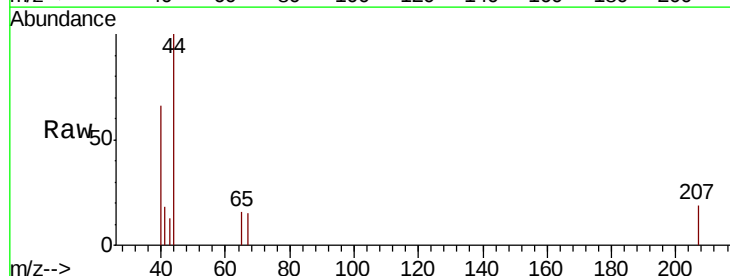


Abundance Ion 56.00 (55.70 to 56.70): VF0
Ion 69.00 (68.70 to 69.70): VF0
Ion 84.00 (83.70 to 84.70): VF0

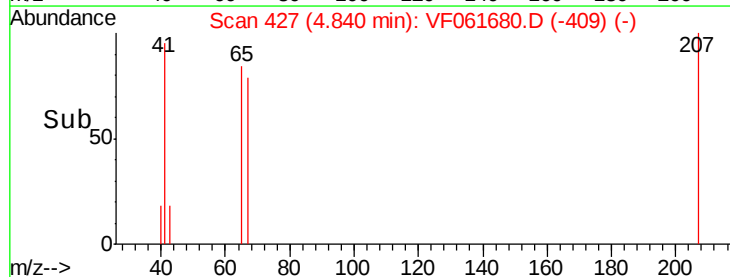
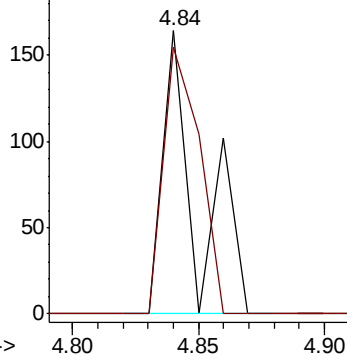


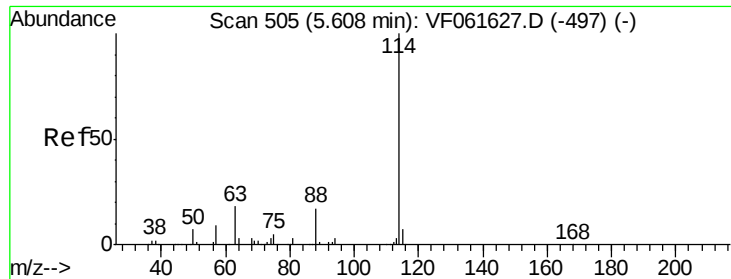
#33
1,2-Dichloroethane-d4
Concen: 17.901 ug/l
RT: 4.84 min Scan# 427
Delta R.T. -0.02 min
Lab File: VF061680.D
Acq: 18 Feb 2019 16:00

Tgt Ion: 65 Resp: 157
Ion Ratio Lower Upper
65 100
67 94.5 0.0 104.0



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: 5.60 min Scan# 504

Delta R.T. -0.01 min

Lab File: VF061680.D

Acq: 18 Feb 2019 16:00

Instrument :

MSVOA_F

ClientSampleId :

CABLE-BRIDGE-FOUNDATION-D-7

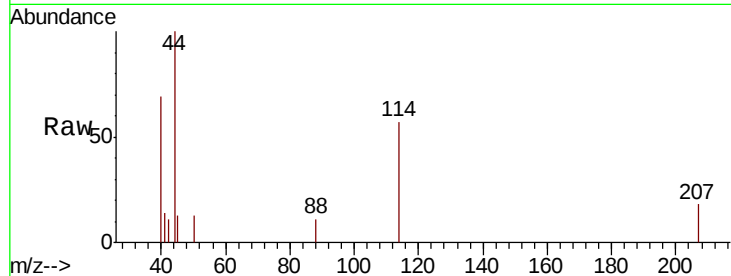
Tgt Ion:114 Resp: 1328

Ion Ratio Lower Upper

114 100

63 0.0 0.0 36.6

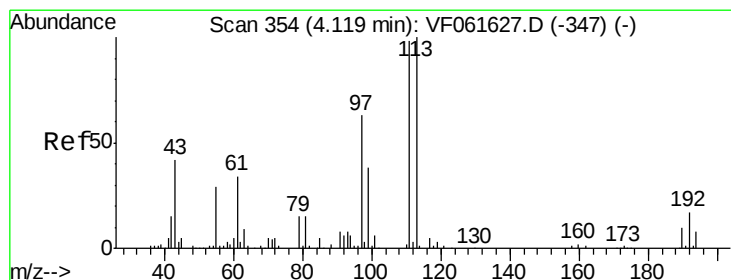
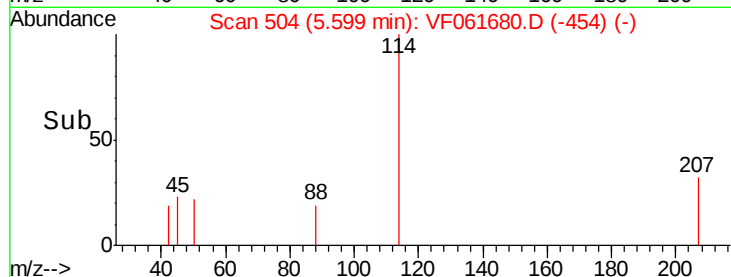
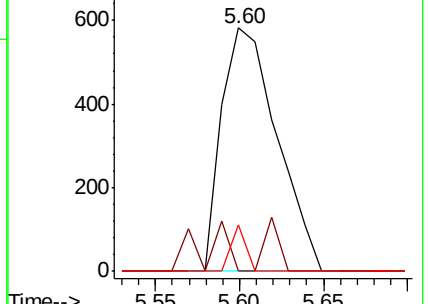
88 19.1 0.0 34.4



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: 10.343 ug/l

RT: 4.10 min Scan# 352

Delta R.T. -0.02 min

Lab File: VF061680.D

Acq: 18 Feb 2019 16:00

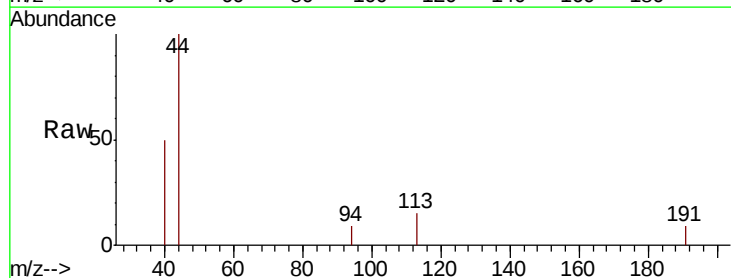
Tgt Ion:113 Resp: 102

Ion Ratio Lower Upper

113 100

111 0.0 78.8 118.2#

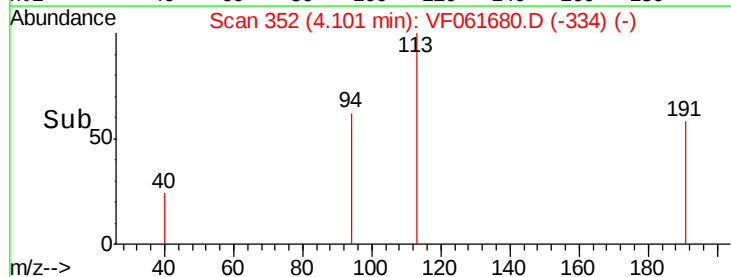
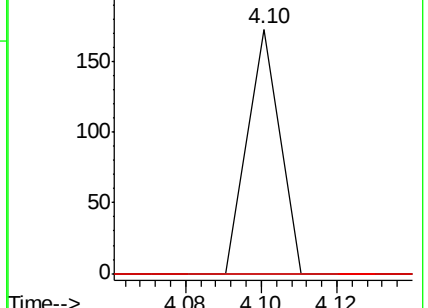
192 0.0 13.4 20.0#

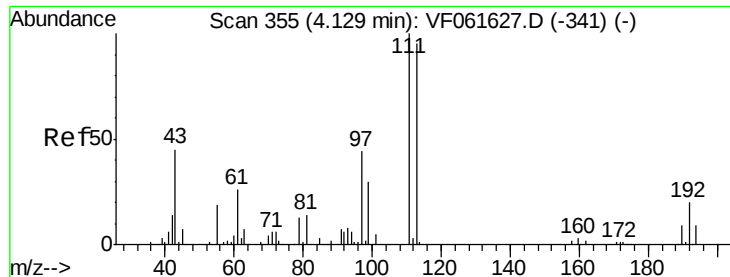


Abundance Ion 113.00 (112.70 to 113.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 192.00 (191.70 to 192.70): V





#37

Ethyl Acetate

Concen: 26.021 ug/l

RT: 4.09 min Scan# 351

Delta R.T. -0.04 min

Lab File: VF061680.D

Acq: 18 Feb 2019 16:00

Instrument :

MSVOA_F

ClientSampleId :

CABLE-BRIDGE-FOUNDATION-D-7

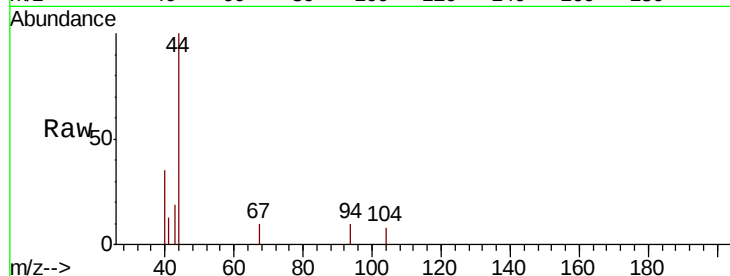
Tgt Ion: 43 Resp: 159

Ion Ratio Lower Upper

43 100

61 0.0 45.7 68.5#

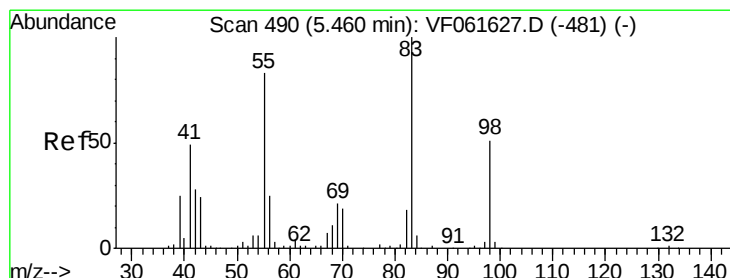
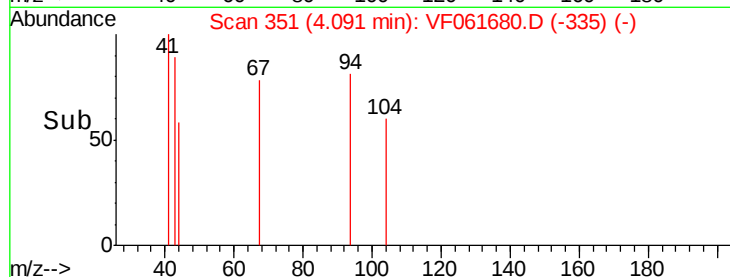
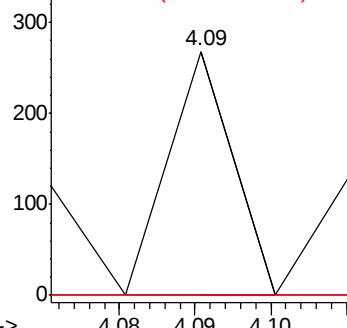
70 0.0 8.5 12.7#



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



#39

Methylcyclohexane

Concen: 3.985 ug/l

RT: 5.55 min Scan# 499

Delta R.T. 0.09 min

Lab File: VF061680.D

Acq: 18 Feb 2019 16:00

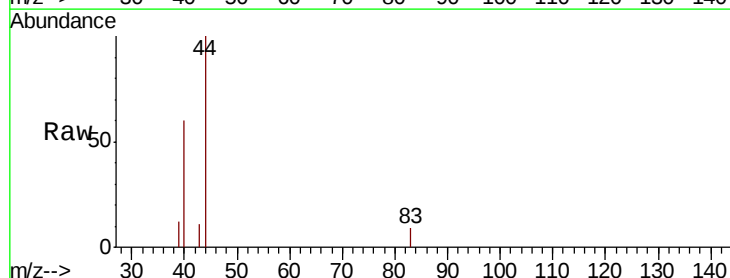
Tgt Ion: 83 Resp: 62

Ion Ratio Lower Upper

83 100

55 0.0 66.6 99.8#

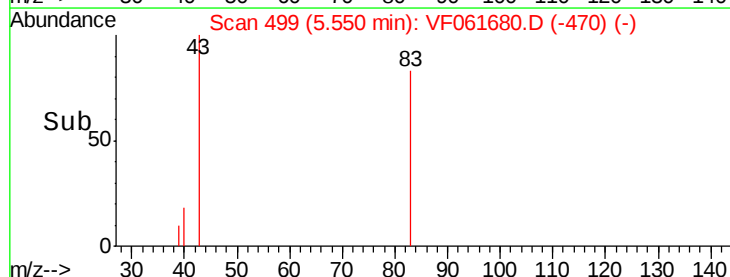
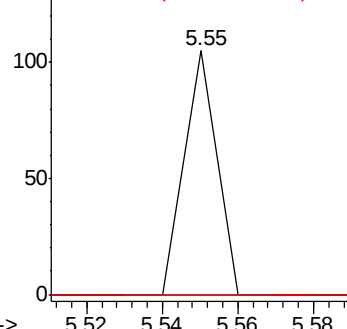
98 0.0 40.4 60.6#

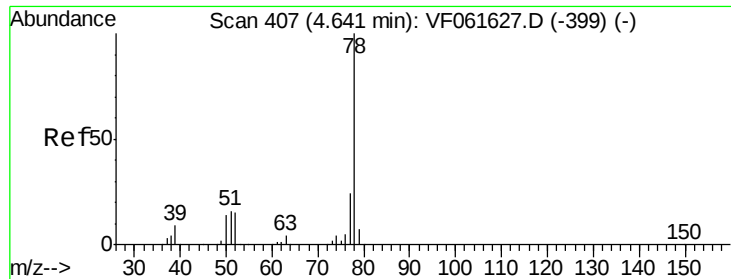


Abundance Ion 83.00 (82.70 to 83.70): VF0

Ion 55.00 (54.70 to 55.70): VF0

Ion 98.00 (97.70 to 98.70): VF0





#40

Benzene

Concen: 1.802 ug/l

RT: 4.70 min Scan# 413

Delta R.T. 0.06 min

Lab File: VF061680.D

Acq: 18 Feb 2019 16:00

Instrument :

MSVOA_F

ClientSampleID :

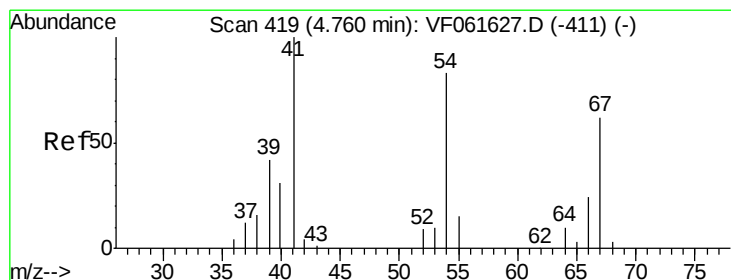
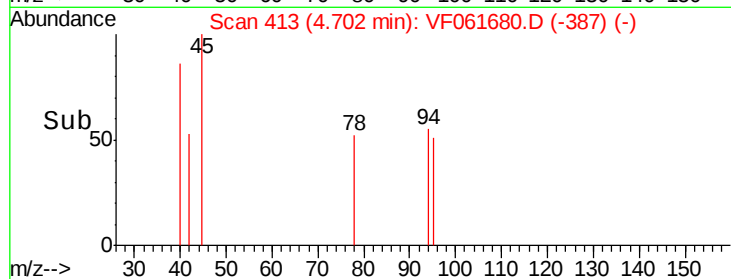
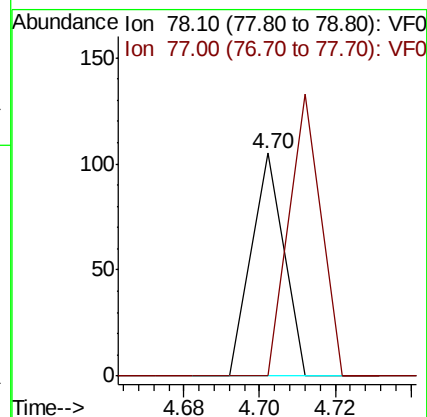
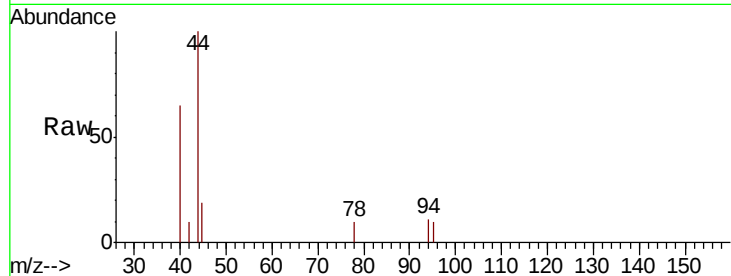
CABLE-BRIDGE-FOUNDATION-D-7

Tgt Ion: 78 Resp: 62

Ion Ratio Lower Upper

78 100

77 0.0 19.0 28.6#



#41

Methacrylonitrile

Concen: 68.803 ug/l

RT: 4.75 min Scan# 418

Delta R.T. -0.01 min

Lab File: VF061680.D

Acq: 18 Feb 2019 16:00

Tgt Ion: 41 Resp: 215

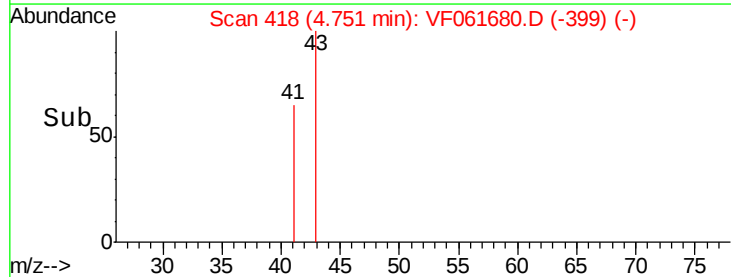
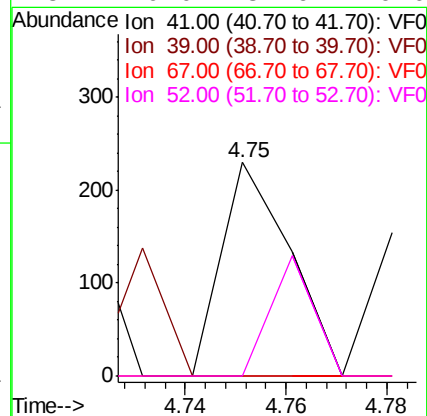
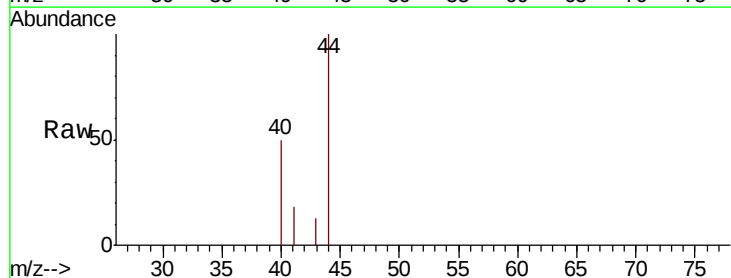
Ion Ratio Lower Upper

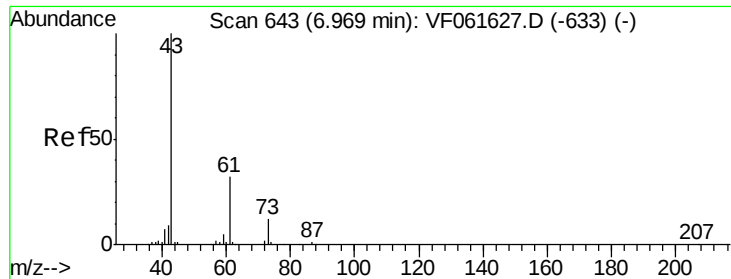
41 100

39 0.0 45.3 67.9#

67 0.0 49.3 73.9#

52 0.0 32.6 49.0#



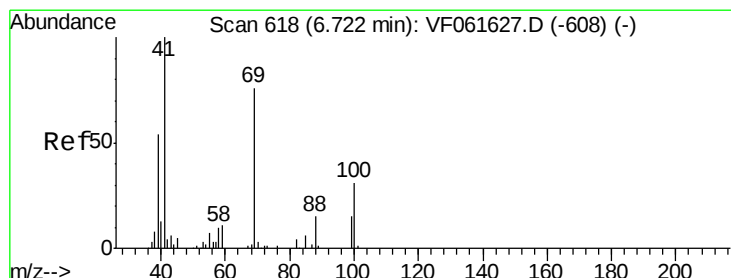
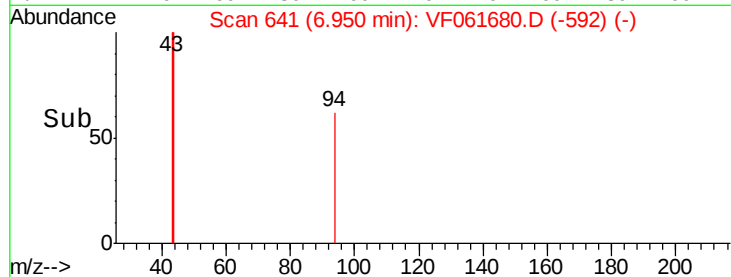
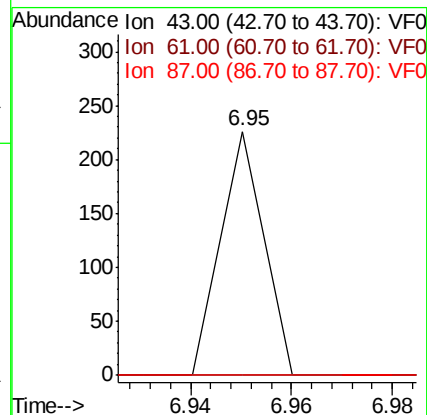
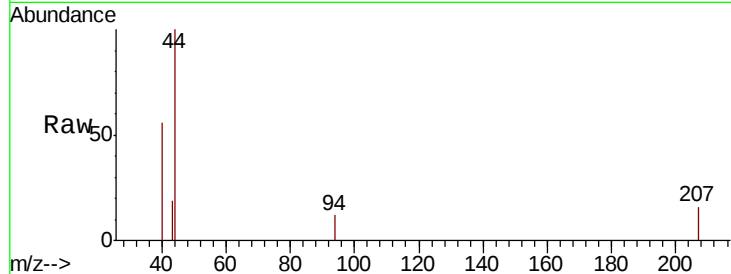


#43

Isopropyl Acetate
 Concen: 18.527 ug/l
 RT: 6.95 min Scan# 641
 Delta R.T. -0.02 min
 Lab File: VF061680.D
 Acq: 18 Feb 2019 16:00

Instrument :
 MSVOA_F
 ClientSampleId :
 CABLE-BRIDGE-FOUNDATION-D-7

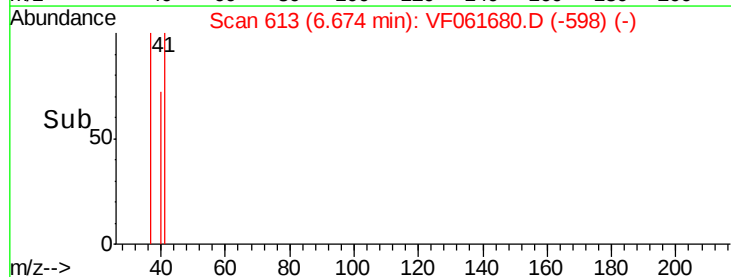
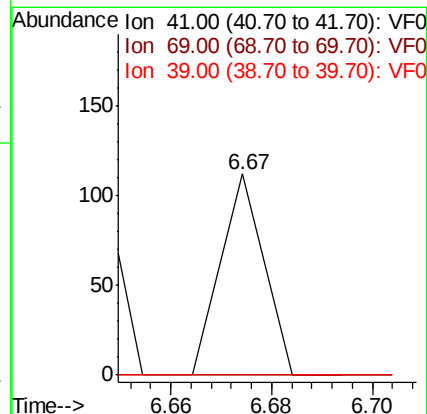
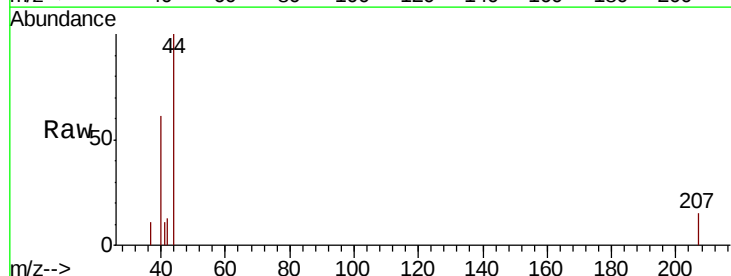
Tgt Ion: 43 Resp: 134
 Ion Ratio Lower Upper
 43 100
 61 0.0 25.8 38.6#
 87 0.0 0.4 0.6#

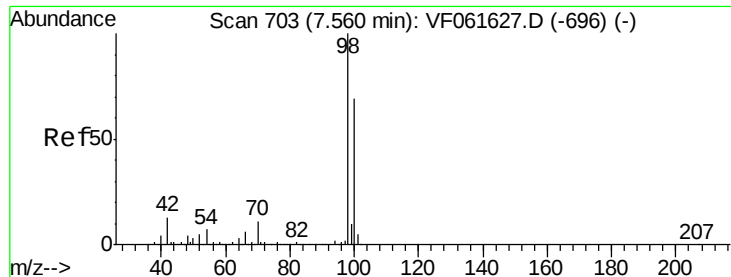


#48

Methyl methacrylate
 Concen: 15.163 ug/l
 RT: 6.67 min Scan# 613
 Delta R.T. -0.05 min
 Lab File: VF061680.D
 Acq: 18 Feb 2019 16:00

Tgt Ion: 41 Resp: 66
 Ion Ratio Lower Upper
 41 100
 69 0.0 60.4 90.6#
 39 0.0 43.7 65.5#





#50

Toluene-d8

Concen: 37.002 ug/l

RT: 7.56 min Scan# 703

Delta R.T. 0.00 min

Lab File: VF061680.D

Acq: 18 Feb 2019 16:00

Instrument :

MSVOA_F

ClientSampleId :

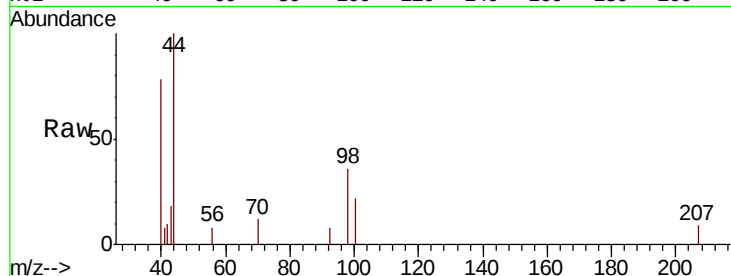
CABLE-BRIDGE-FOUNDATION-D-7

Tgt Ion: 98 Resp: 1049

Ion Ratio Lower Upper

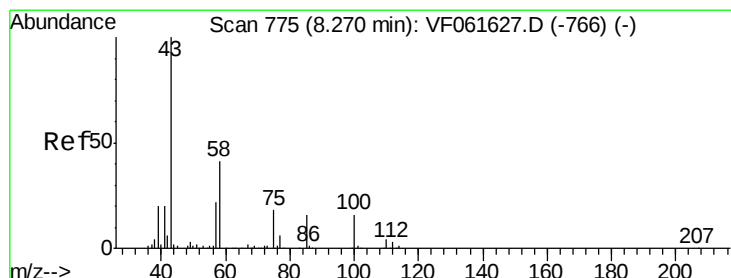
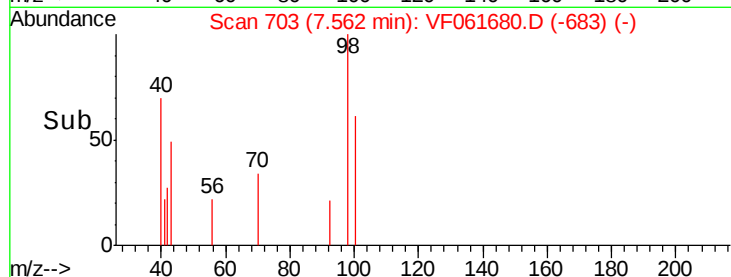
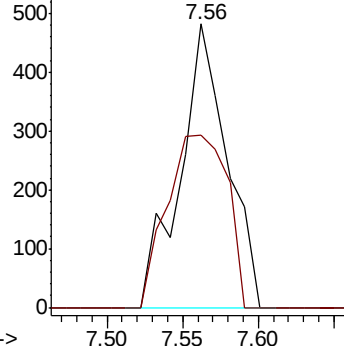
98 100

100 60.8 55.4 83.2



Abundance Ion 98.00 (97.70 to 98.70): VF0

Ion 100.00 (99.70 to 100.70): VF



#51

4-Methyl-2-Pentanone

Concen: 12.964 ug/l

RT: 8.23 min Scan# 771

Delta R.T. -0.04 min

Lab File: VF061680.D

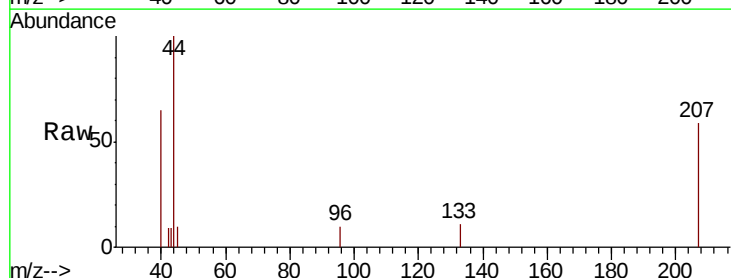
Acq: 18 Feb 2019 16:00

Tgt Ion: 43 Resp: 67

Ion Ratio Lower Upper

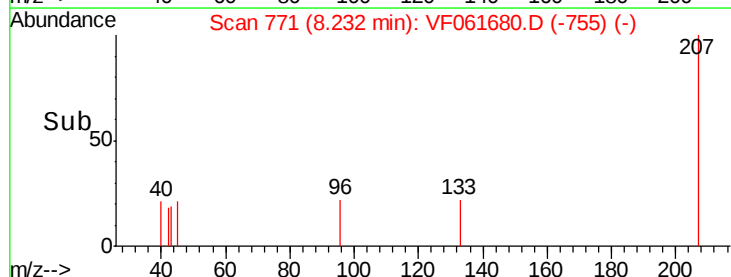
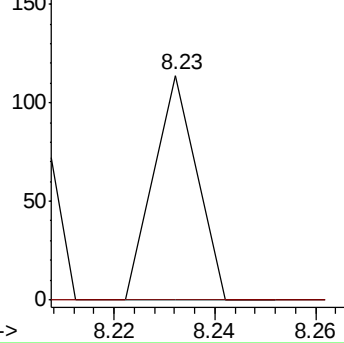
43 100

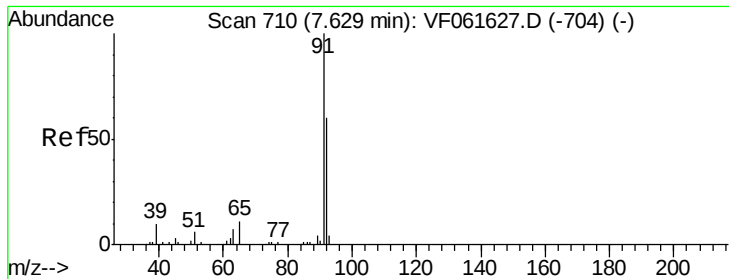
58 0.0 33.1 49.7#



Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 58.00 (57.70 to 58.70): VF0





#52

Toluene

Concen: 2.875 ug/l

RT: 7.56 min Scan# 703

Delta R.T. -0.07 min

Lab File: VF061680.D

Acq: 18 Feb 2019 16:00

Instrument :

MSVOA_F

ClientSampleId :

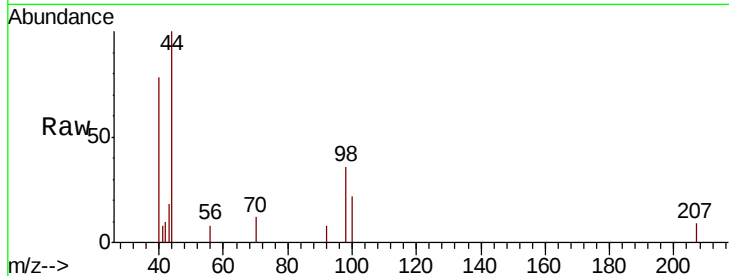
CABLE-BRIDGE-FOUNDATION-D-7

Tgt Ion: 92 Resp: 60

Ion Ratio Lower Upper

92 100

91 0.0 133.9 200.9#



Abundance Ion 92.00 (91.70 to 92.70): VF0

Ion 91.00 (90.70 to 91.70): VF0

7.56

100

80

60

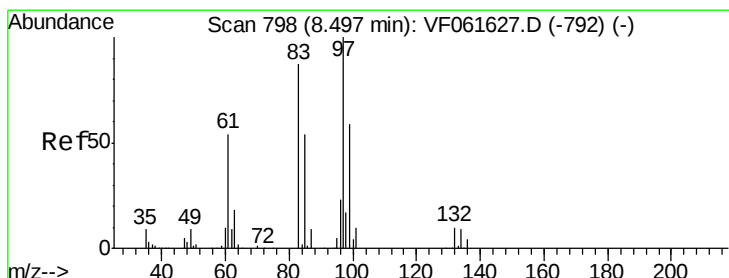
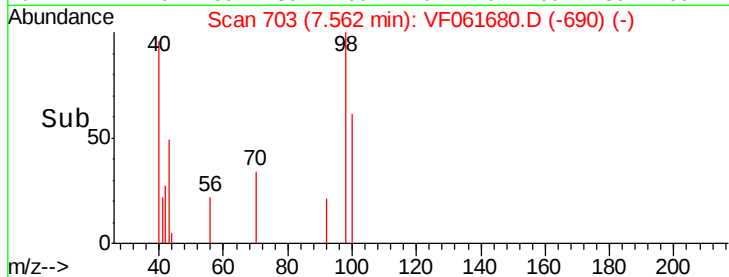
40

20

0

7.54 7.56 7.58

Time-->



#55

1,1,2-Trichloroethane

Concen: 15.983 ug/l

RT: 8.31 min Scan# 779

Delta R.T. -0.19 min

Lab File: VF061680.D

Acq: 18 Feb 2019 16:00

Tgt Ion: 97 Resp: 98

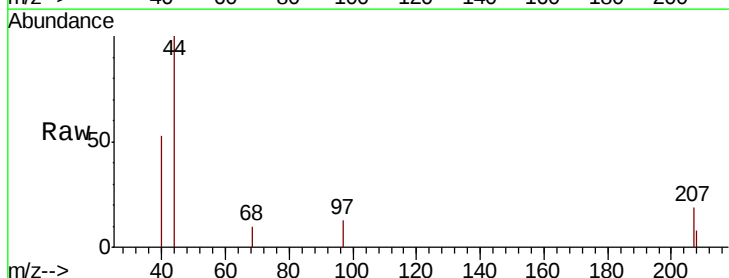
Ion Ratio Lower Upper

97 100

83 0.0 69.2 103.8#

85 0.0 43.0 64.4#

99 0.0 47.2 70.8#



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

8.31

250

200

150

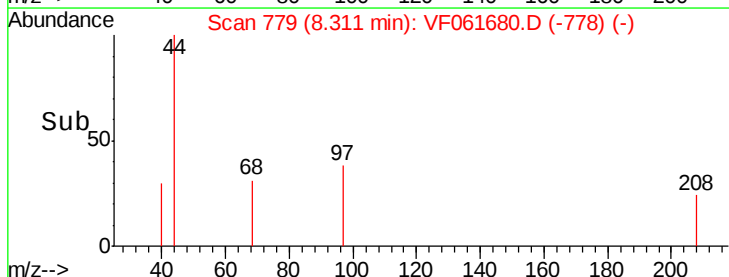
100

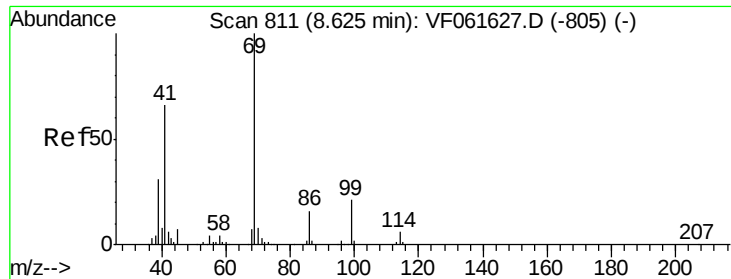
50

0

8.30 8.32 8.34

Time-->





#56

Ethyl methacrylate

Concen: 9.082 ug/l

RT: 8.67 min Scan# 815

Delta R.T. 0.04 min

Lab File: VF061680.D

Acq: 18 Feb 2019 16:00

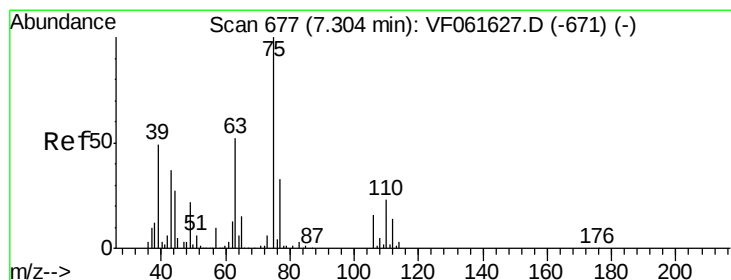
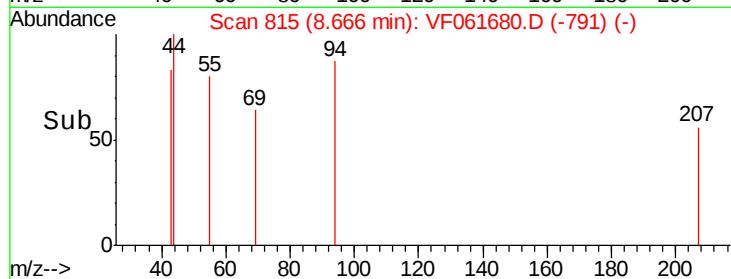
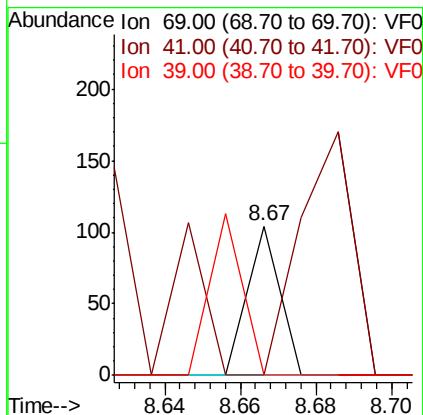
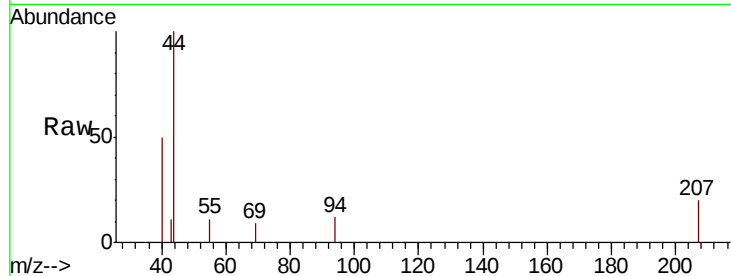
Instrument :

MSVOA_F

ClientSampleId :

CABLE-BRIDGE-FOUNDATION-D-7

Tgt Ion:	69	Resp:	62
Ion	Ratio	Lower	Upper
69	100		
41	0.0	52.9	79.3#
39	0.0	24.5	36.7#



#58

2-Chloroethyl Vinyl ether

Concen: 53.488 ug/l

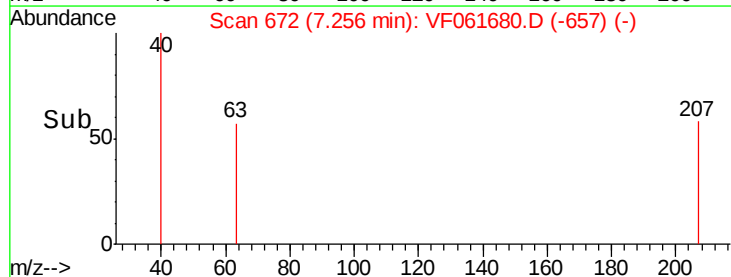
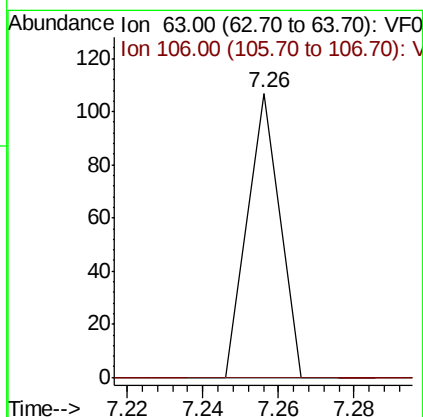
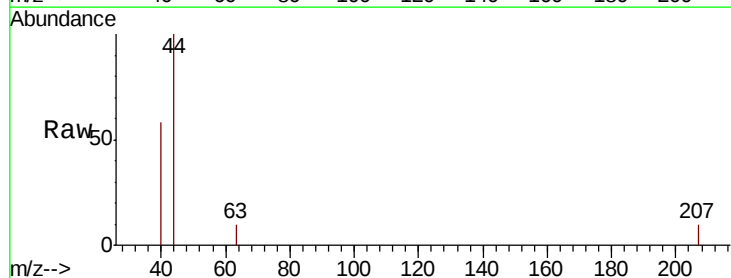
RT: 7.26 min Scan# 672

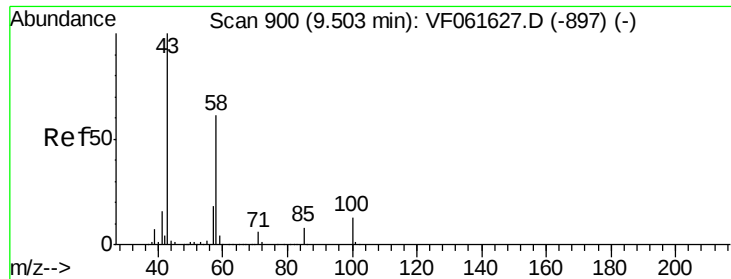
Delta R.T. -0.05 min

Lab File: VF061680.D

Acq: 18 Feb 2019 16:00

Tgt Ion:	63	Resp:	63
Ion	Ratio	Lower	Upper
63	100		
106	0.0	24.6	36.8#

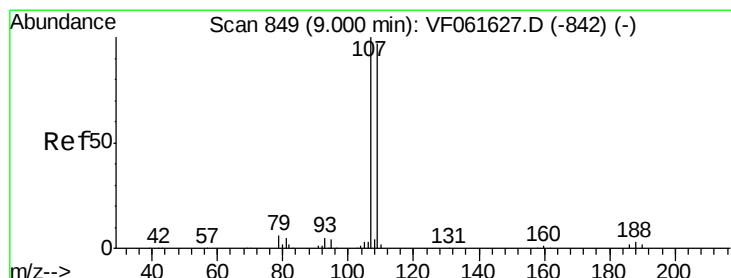
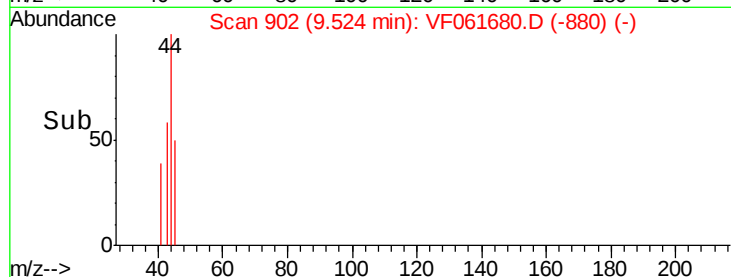
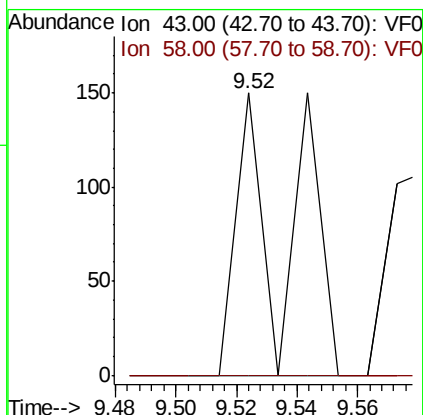
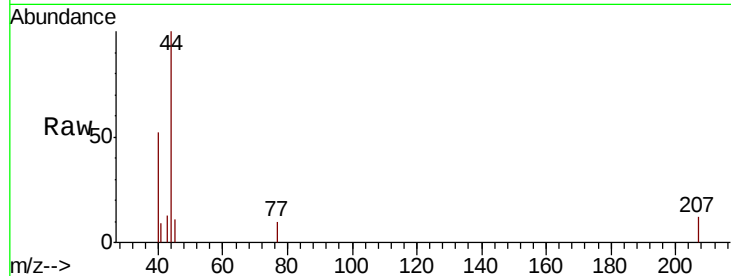




#59
2-Hexanone
Concen: 48.859 ug/l
RT: 9.52 min Scan# 902
Delta R.T. 0.02 min
Lab File: VF061680.D
Acq: 18 Feb 2019 16:00

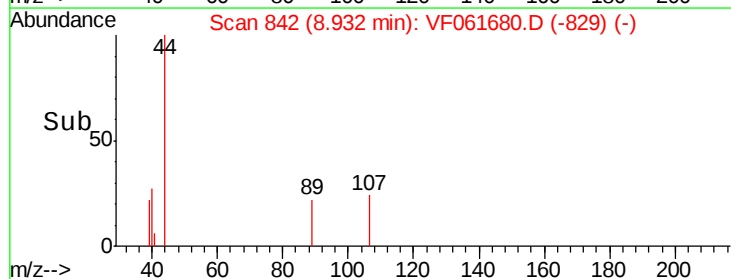
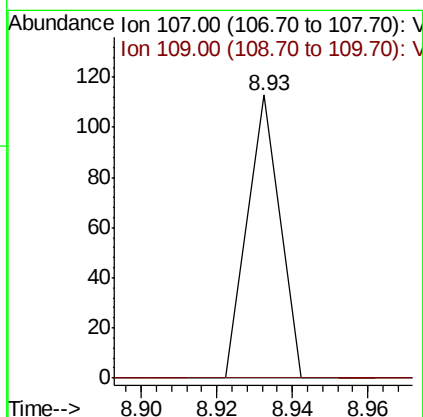
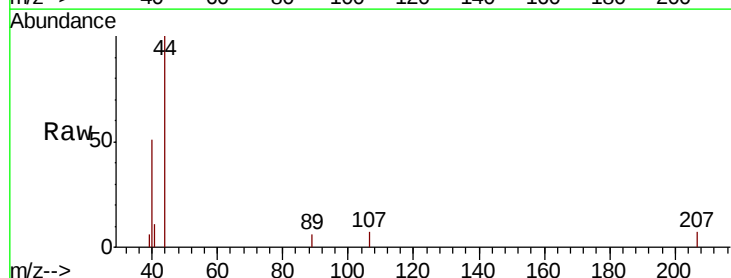
Instrument :
MSVOA_F
ClientSampleId :
CABLE-BRIDGE-FOUNDATION-D-7

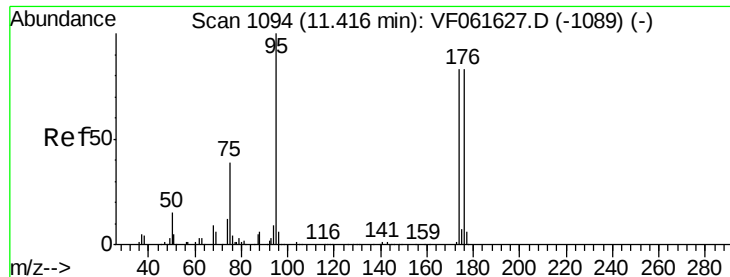
Tgt Ion: 43 Resp: 177
Ion Ratio Lower Upper
43 100
58 0.0 28.5 85.5#



#61
1,2-Dibromoethane
Concen: 10.074 ug/l
RT: 8.93 min Scan# 842
Delta R.T. -0.07 min
Lab File: VF061680.D
Acq: 18 Feb 2019 16:00

Tgt Ion: 107 Resp: 67
Ion Ratio Lower Upper
107 100
109 0.0 77.4 116.0#





#62

4-Bromofluorobenzene

Concen: 5.492 ug/l

RT: 11.24 min Scan# 1076

Delta R.T. -0.18 min

Lab File: VF061680.D

Acq: 18 Feb 2019 16:00

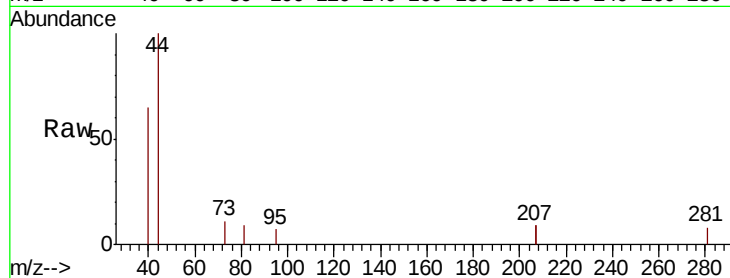
Instrument :

MSVOA_F

ClientSampleId :

CABLE-BRIDGE-FOUNDATION-D-7

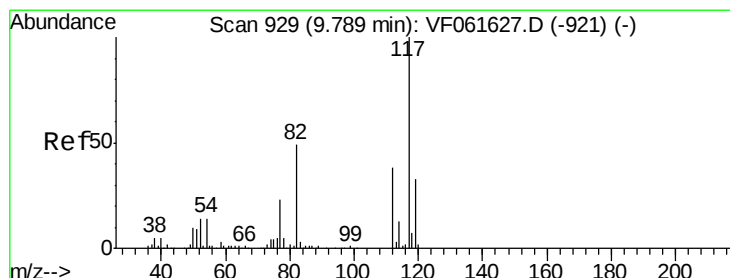
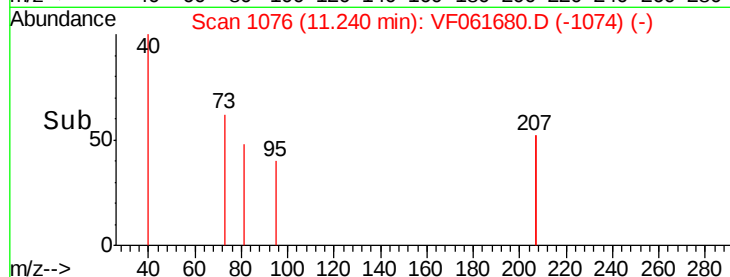
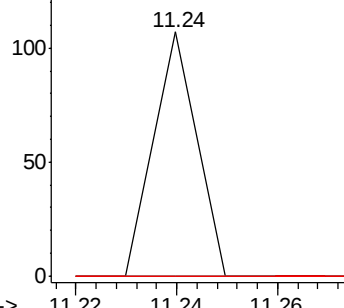
Tgt Ion:	95	Resp:	63
Ion	Ratio	Lower	Upper
95	100		
174	0.0	0.0	165.8
176	0.0	0.0	167.0



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

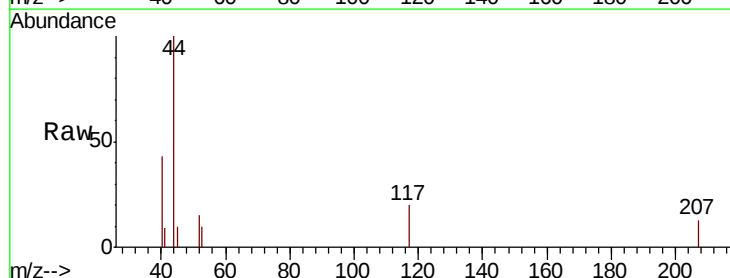
RT: 9.79 min Scan# 929

Delta R.T. 0.00 min

Lab File: VF061680.D

Acq: 18 Feb 2019 16:00

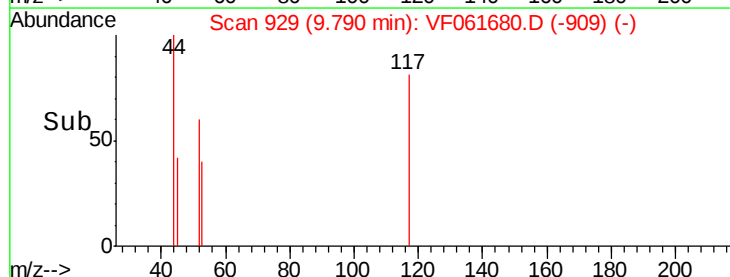
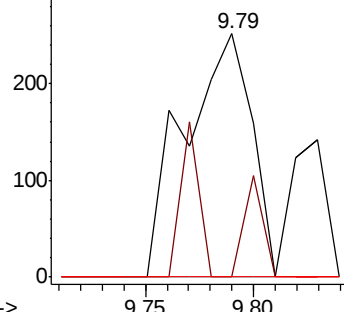
Tgt Ion:	117	Resp:	546
Ion	Ratio	Lower	Upper
117	100		
82	0.0	39.3	58.9#
119	0.0	26.6	40.0#

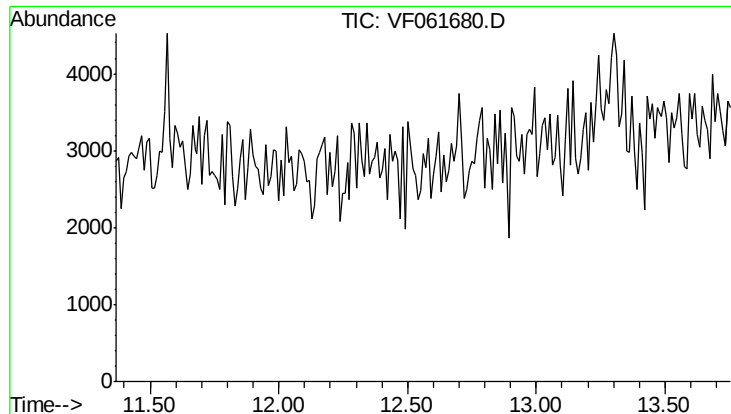


Abundance Ion 117.00 (116.70 to 117.70): V

Ion 82.00 (81.70 to 82.70): VF0

Ion 119.00 (118.70 to 119.70): V





#72
 1,4-Dichlorobenzene-d4
 Concen: 0.000 ug/l
 Expected RT: 12.56 min
 Lab File: VF061680.D
 Acq: 18 Feb 2019 16:00

Instrument :
 MSVOA_F
 ClientSampleId :
 CABLE-BRIDGE-FOUNDATION-D-7

Tgt Ion: 152
 Sig Exp Ratio
 152 100
 115 48.5
 150 156.0

