

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF031419\  
 Data File : VF061947.D  
 Acq On : 14 Mar 2019 19:16  
 Operator : VA/AP  
 Sample : K1911-01  
 Misc : 4.40g/5mL/MSVOA-F/SOIL  
 ALS Vial : 12 Sample Multiplier: 1

Instrument :  
 MSVOA\_F  
 ClientSampleId :  
 RBR200036

Quant Time: Mar 15 01:19:10 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_F\METHODS\82F030419S.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Mar 05 04:50:44 2019  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) Pentafluorobenzene      | 4.87  | 168  | 14145    | 50.00 | ug/l  | -0.01    |
| 34) 1,4-Difluorobenzene    | 5.60  | 114  | 16918    | 50.00 | ug/l  | -0.01    |
| 63) Chlorobenzene-d5       | 9.78  | 117  | 12389    | 50.00 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 12.56 | 152  | 4432     | 50.00 | ug/l  | 0.00     |

| System Monitoring Compounds | R.T.  | QIon | Response | Conc  | Units  | Dev(Min) |
|-----------------------------|-------|------|----------|-------|--------|----------|
| 33) 1,2-Dichloroethane-d4   | 4.84  | 65   | 2642     | 25.65 | ug/l   | -0.01    |
| Spiked Amount               |       |      | Recovery | =     | 51.30% |          |
| 35) Dibromofluoromethane    | 4.11  | 113  | 5433     | 46.02 | ug/l   | -0.01    |
| Spiked Amount               |       |      | Recovery | =     | 92.04% |          |
| 50) Toluene-d8              | 7.55  | 98   | 17481    | 49.81 | ug/l   | -0.01    |
| Spiked Amount               |       |      | Recovery | =     | 99.62% |          |
| 62) 4-Bromofluorobenzene    | 11.41 | 95   | 4800     | 34.92 | ug/l   | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 69.84% |          |

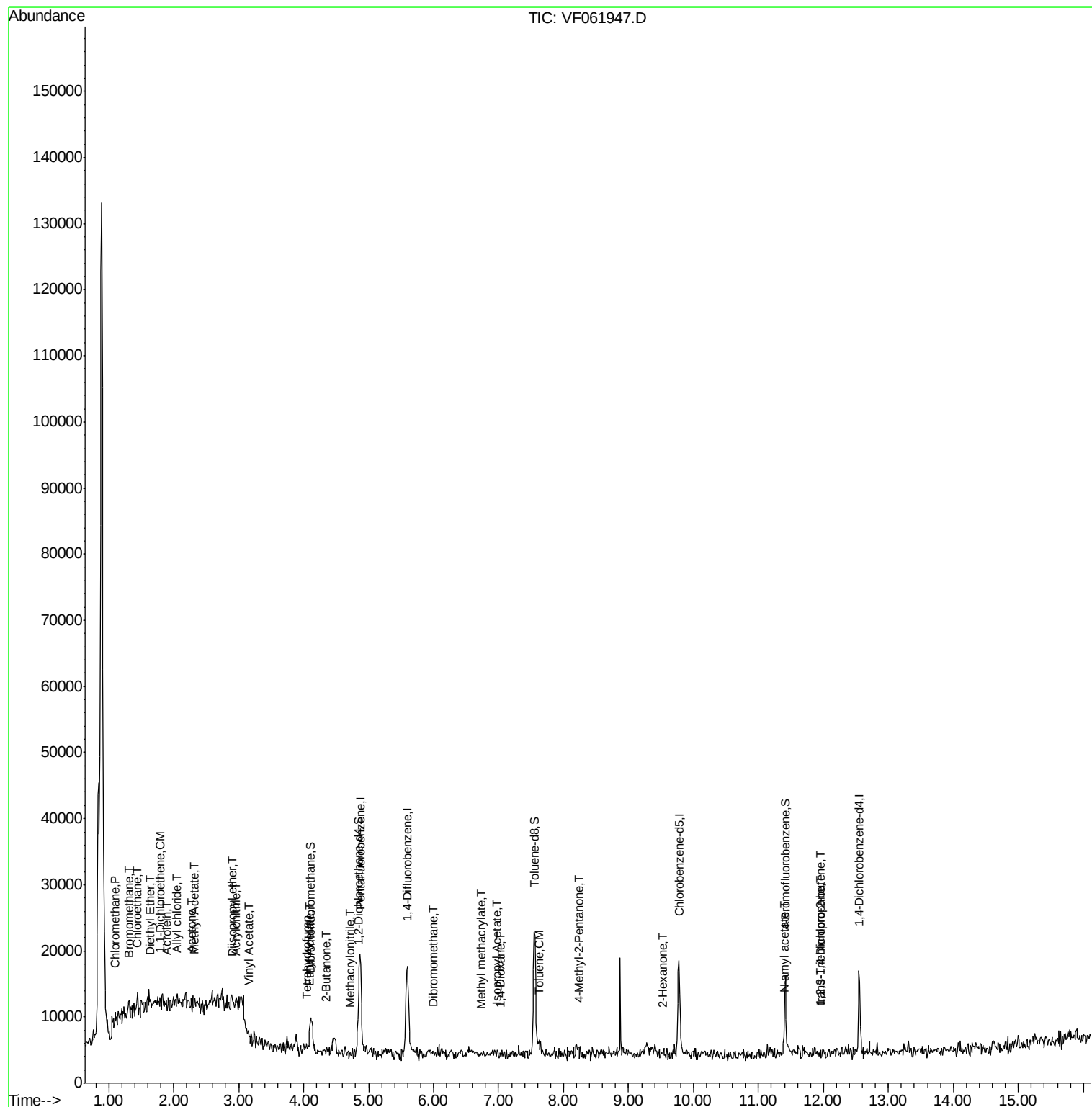
| Target Compounds               | R.T.  | QIon | Response | Conc    | Units  | Qvalue |
|--------------------------------|-------|------|----------|---------|--------|--------|
| 3) Chloromethane               | 1.09  | 50   | 184      | 1.093   | ug/l # | 45     |
| 5) Bromomethane                | 1.30  | 94   | 585      | 5.373   | ug/l # | 3      |
| 6) Chloroethane                | 1.44  | 64   | 80       | 1.053   | ug/l # | 1      |
| 8) Diethyl Ether               | 1.65  | 74   | 198      | 4.462   | ug/l   | 47     |
| 12) 1,1-Dichloroethene         | 1.79  | 96   | 140      | 1.157   | ug/l # | 1      |
| 13) Acrolein                   | 1.88  | 56   | 499      | 67.355  | ug/l   | 94     |
| 14) Allyl chloride             | 2.04  | 41   | 230      | 1.726   | ug/l # | 88     |
| 15) Acrylonitrile              | 2.94  | 53   | 240      | 12.891  | ug/l # | 16     |
| 16) Acetone                    | 2.26  | 43   | 1462     | 67.755  | ug/l   | 92     |
| 18) Methyl Acetate             | 2.33  | 43   | 811      | 16.930  | ug/l # | 62     |
| 22) Diisopropyl ether          | 2.91  | 45   | 634      | 1.829   | ug/l # | 16     |
| 23) Vinyl Acetate              | 3.14  | 43   | 590      | 3.810   | ug/l # | 76     |
| 25) 2-Butanone                 | 4.35  | 43   | 201      | 4.580   | ug/l # | 56     |
| 29) Tetrahydrofuran            | 4.05  | 42   | 182      | 9.615   | ug/l # | 66     |
| 37) Ethyl Acetate              | 4.08  | 43   | 243      | 3.623   | ug/l # | 20     |
| 41) Methacrylonitrile          | 4.73  | 41   | 245      | 6.666   | ug/l # | 24     |
| 43) Isopropyl Acetate          | 6.98  | 43   | 159      | 1.923   | ug/l # | 42     |
| 46) Dibromomethane             | 5.99  | 93   | 64       | 1.024   | ug/l # | 2      |
| 48) Methyl methacrylate        | 6.72  | 41   | 234      | 4.472   | ug/l # | 18     |
| 49) 1,4-Dioxane                | 7.04  | 88   | 60       | 125.428 | ug/l # | 26     |
| 51) 4-Methyl-2-Pentanone       | 8.22  | 43   | 425      | 7.437   | ug/l # | 35     |
| 52) Toluene                    | 7.63  | 92   | 960      | 3.885   | ug/l   | 77     |
| 59) 2-Hexanone                 | 9.52  | 43   | 139      | 3.372   | ug/l # | 22     |
| 74) N-ethyl acetate            | 11.39 | 43   | 113      | 1.609   | ug/l # | 42     |
| 76) 1,2,3-Trichloropropane     | 11.96 | 75   | 74       | 2.138   | ug/l # | 10     |
| 81) trans-1,4-Dichloro-2-buten | 11.96 | 75   | 74       | 4.676   | ug/l # | 18     |

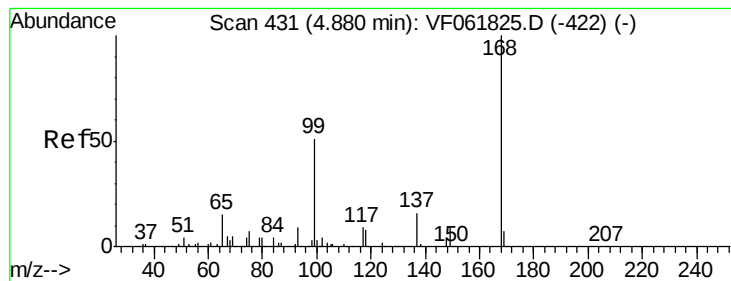
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Mar 05 04:50:44 2019  
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.87 min Scan# 430

Delta R.T. -0.01 min

Lab File: VF061947.D

Acq: 14 Mar 2019 19:16

Instrument :

MSVOA\_F

ClientSampleId :

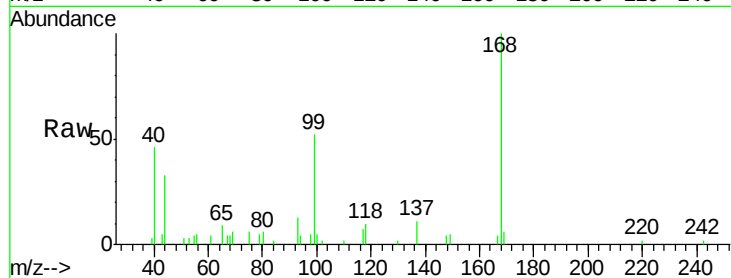
RBR200036

Tot Ion:168 Resp: 14145

Ion Ratio Lower Upper

168 100

99 52.2 40.8 61.2



Abundance Ion 168.00 (167.70 to 168.70): VF0

Ion 99.00 (98.70 to 99.70): VF0

4.87

6000

5000

4000

3000

2000

1000

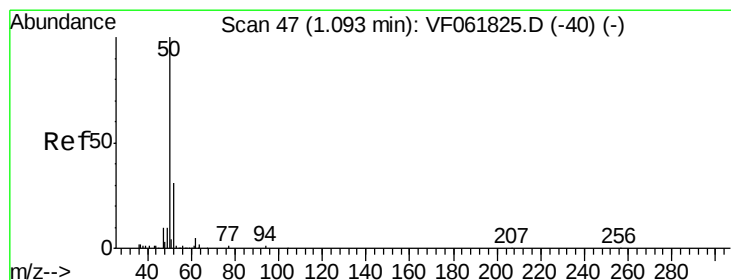
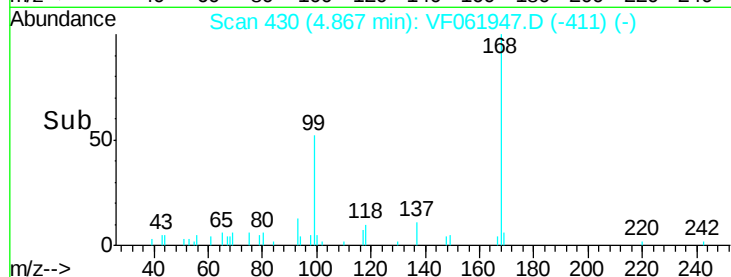
0

4.80

4.90

5.00

Time-->



#3

Chloromethane

Concen: 1.093 ug/l

RT: 1.09 min Scan# 47

Delta R.T. -0.00 min

Lab File: VF061947.D

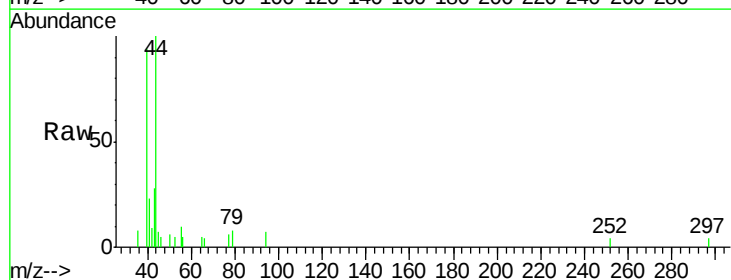
Acq: 14 Mar 2019 19:16

Tgt Ion: 50 Resp: 184

Ion Ratio Lower Upper

50 100

52 0.0 23.8 35.8#



Abundance Ion 50.00 (49.70 to 50.70): VF0

Ion 52.00 (51.70 to 52.70): VF0

1.09

200

150

100

50

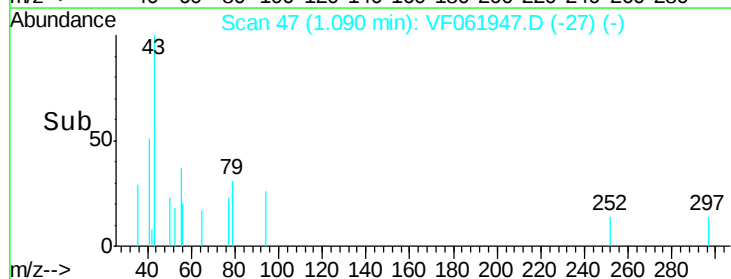
0

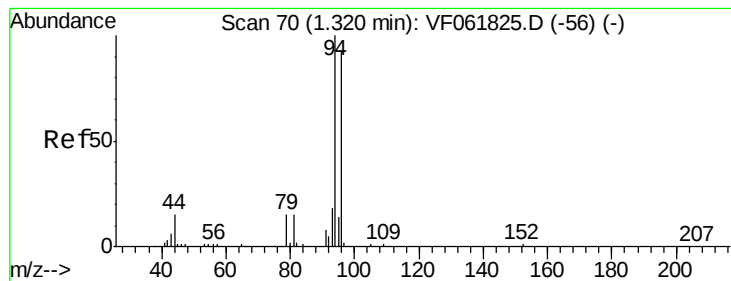
1.08

1.10

1.12

Time-->





#5

Bromomethane

Concen: 5.373 ug/l

RT: 1.30 min Scan# 68

Delta R.T. -0.02 min

Lab File: VF061947.D

Acq: 14 Mar 2019 19:16

Instrument :

MSVOA\_F

ClientSampleId :

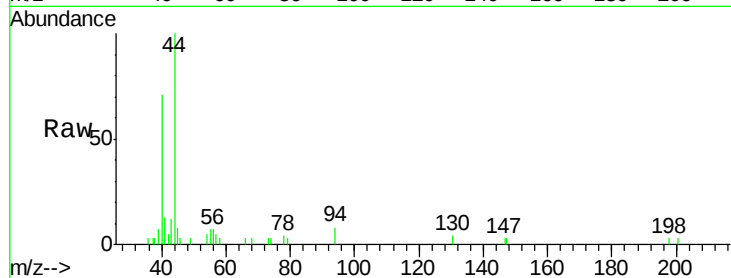
RBR200036

Tot Ion: 94 Resp: 585

Ion Ratio Lower Upper

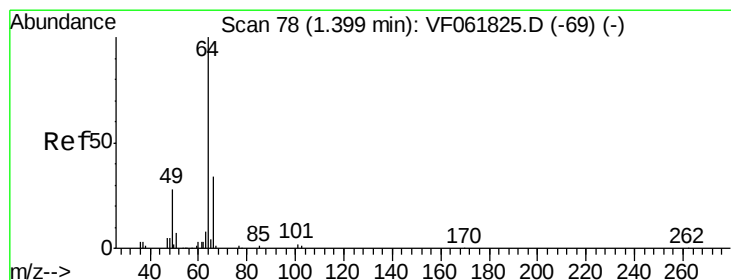
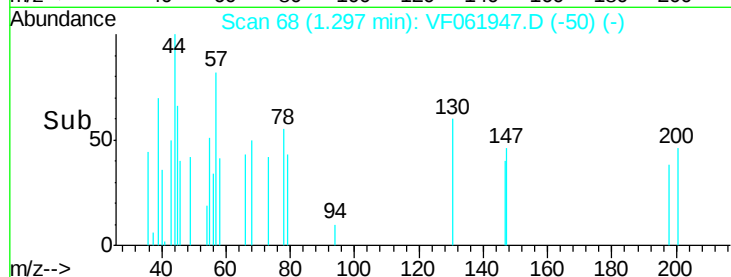
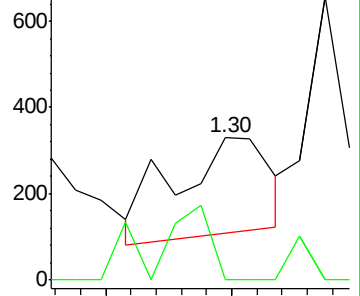
94 100

96 0.0 75.2 112.8#



Abundance Ion 94.00 (93.70 to 94.70): VF0

Ion 96.00 (95.70 to 96.70): VF0



#6

Chloroethane

Concen: 1.053 ug/l

RT: 1.44 min Scan# 82

Delta R.T. 0.04 min

Lab File: VF061947.D

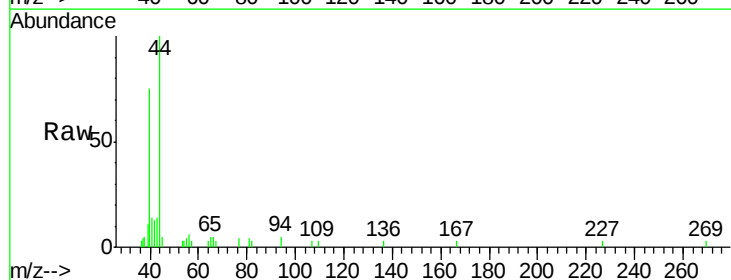
Acq: 14 Mar 2019 19:16

Tgt Ion: 64 Resp: 80

Ion Ratio Lower Upper

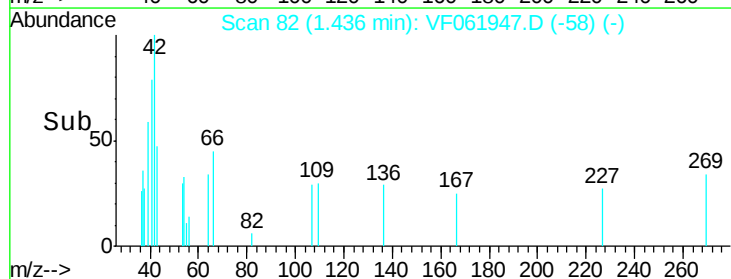
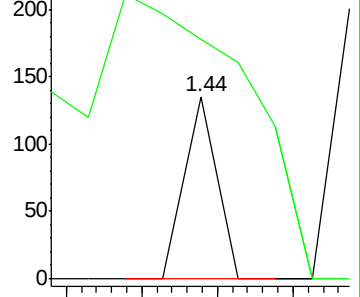
64 100

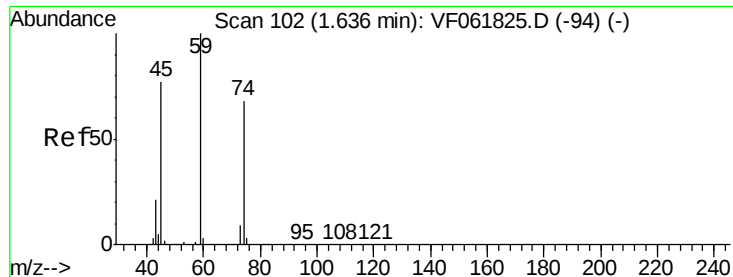
66 131.9 27.0 40.4#



Abundance Ion 64.00 (63.70 to 64.70): VF0

Ion 66.00 (65.70 to 66.70): VF0





#8

Diethyl Ether

Concen: 4.462 ug/l

RT: 1.65 min Scan# 104

Delta R.T. 0.02 min

Lab File: VF061947.D

Acq: 14 Mar 2019 19:16

Instrument :

MSVOA\_F

ClientSampled :

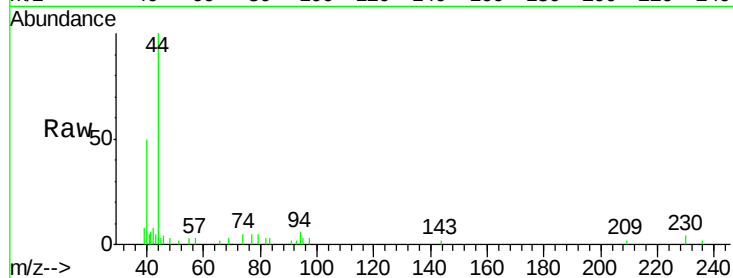
RBR200036

Tot Ion: 74 Resp: 198

Ion Ratio Lower Upper

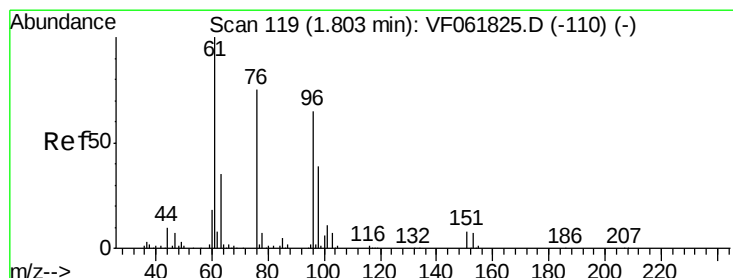
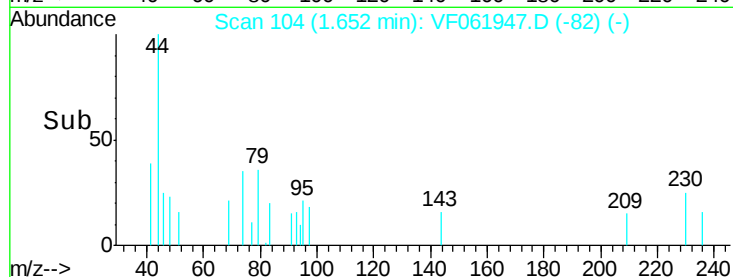
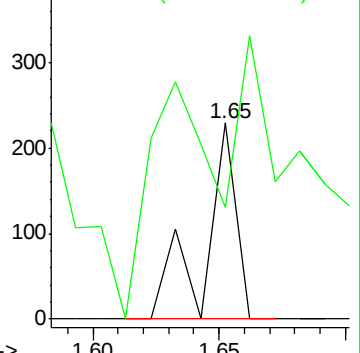
74 100

45 57.2 57.2 171.6



Abundance Ion 74.00 (73.70 to 74.70): VF0

Ion 45.00 (44.70 to 45.70): VF0



#12

1,1-Dichloroethene

Concen: 1.157 ug/l

RT: 1.79 min Scan# 118

Delta R.T. -0.01 min

Lab File: VF061947.D

Acq: 14 Mar 2019 19:16

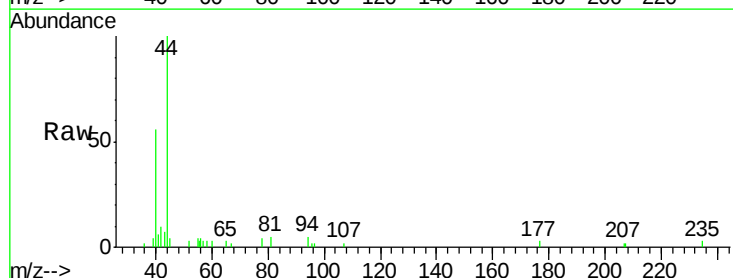
Tgt Ion: 96 Resp: 140

Ion Ratio Lower Upper

96 100

61 0.0 122.5 183.7#

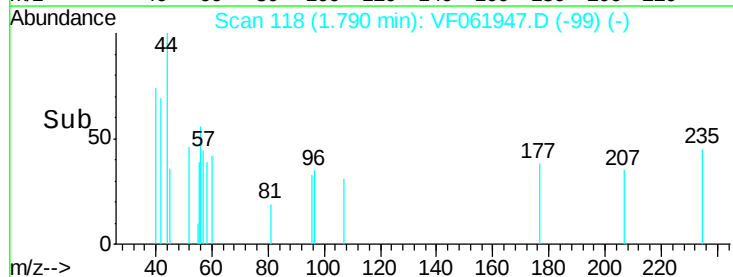
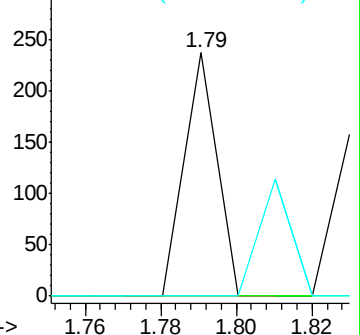
98 0.0 47.1 70.7#

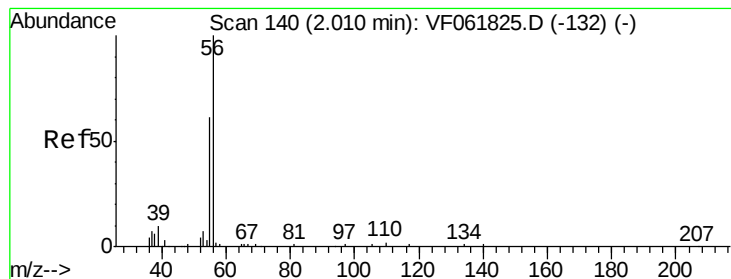


Abundance Ion 96.00 (95.70 to 96.70): VF0

Ion 61.00 (60.70 to 61.70): VF0

Ion 98.00 (97.70 to 98.70): VF0





#13

Acrolein

Concen: 67.355 ug/l

RT: 1.88 min Scan# 127

Delta R.T. -0.13 min

Lab File: VF061947.D

Acq: 14 Mar 2019 19:16

Instrument :

MSVOA\_F

ClientSampled :

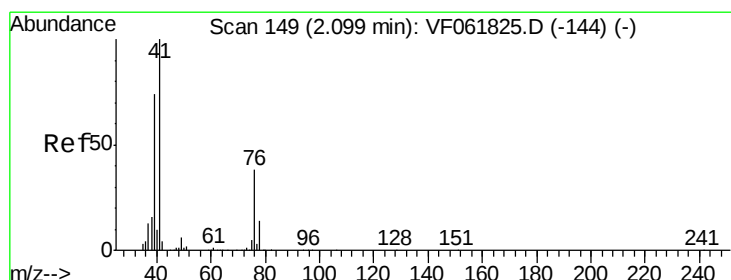
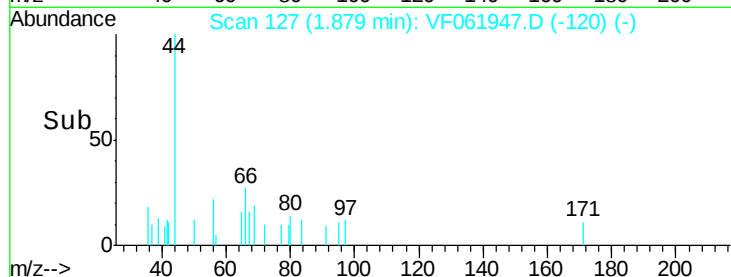
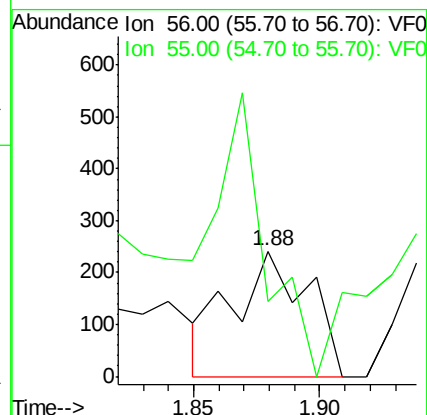
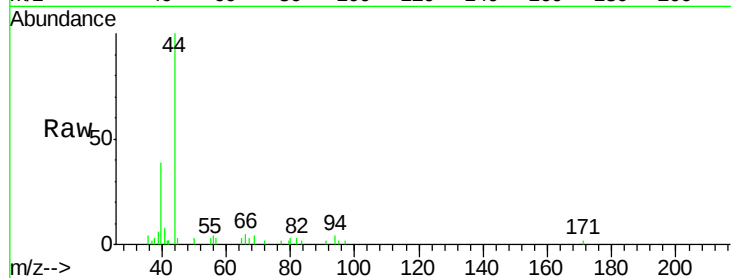
RBR200036

Tot Ion: 56 Resp: 499

Ion Ratio Lower Upper

56 100

55 59.8 51.3 76.9



#14

Allyl chloride

Concen: 1.726 ug/l

RT: 2.04 min Scan# 143

Delta R.T. -0.06 min

Lab File: VF061947.D

Acq: 14 Mar 2019 19:16

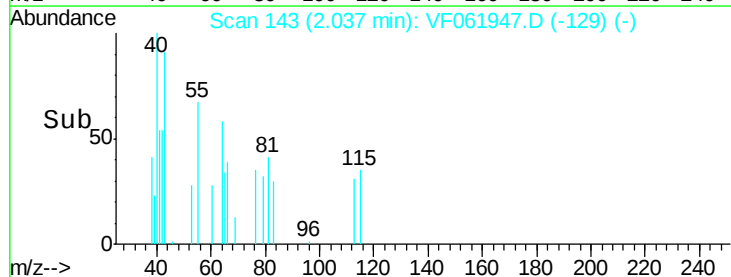
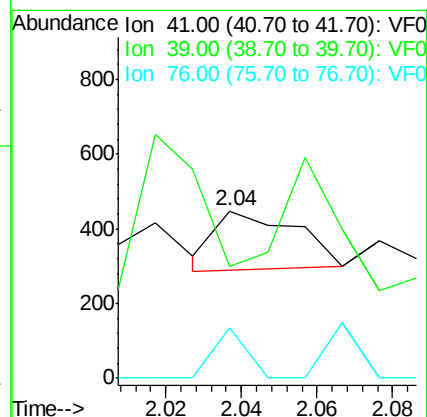
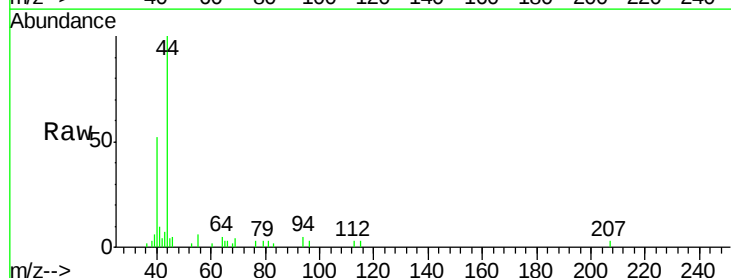
Tgt Ion: 41 Resp: 230

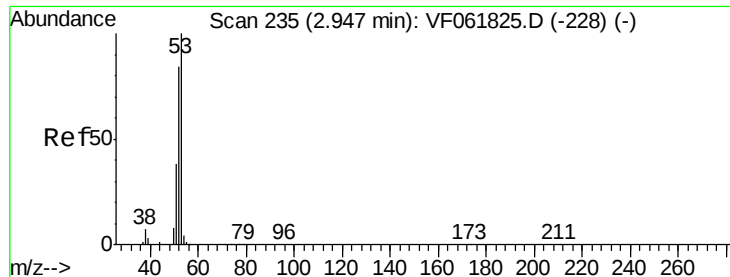
Ion Ratio Lower Upper

41 100

39 66.9 59.6 89.4

76 29.8 32.3 48.5#





#15

Acrylonitrile

Concen: 12.891 ug/l

RT: 2.94 min Scan# 235

Delta R.T. -0.00 min

Lab File: VF061947.D

Acq: 14 Mar 2019 19:16

Instrument :

MSVOA\_F

ClientSampleId :

RBR200036

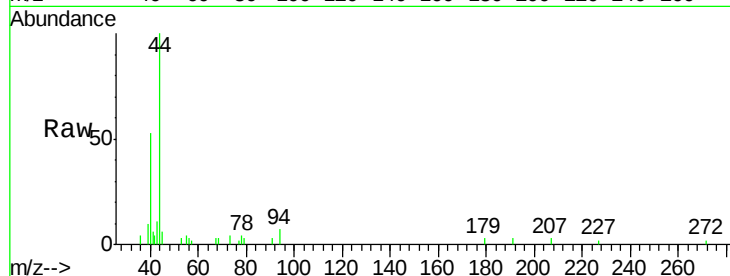
Tot Ion: 53 Resp: 240

Ion Ratio Lower Upper

53 100

52 0.0 67.4 101.0#

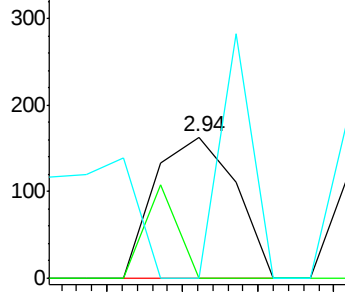
51 0.0 30.7 46.1#



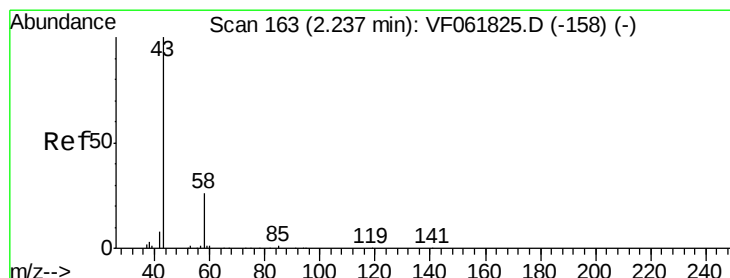
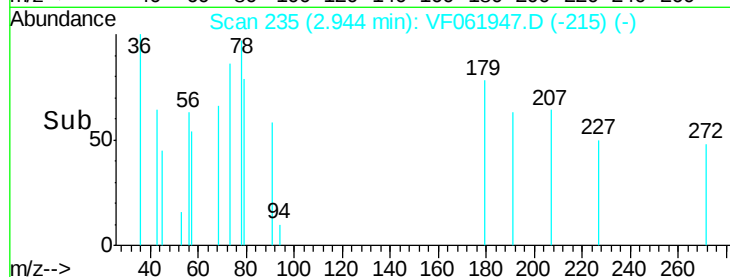
Abundance Ion 53.00 (52.70 to 53.70): VF0

Ion 52.00 (51.70 to 52.70): VF0

Ion 51.00 (50.70 to 51.70): VF0



Time-->



#16

Acetone

Concen: 67.755 ug/l

RT: 2.26 min Scan# 166

Delta R.T. 0.03 min

Lab File: VF061947.D

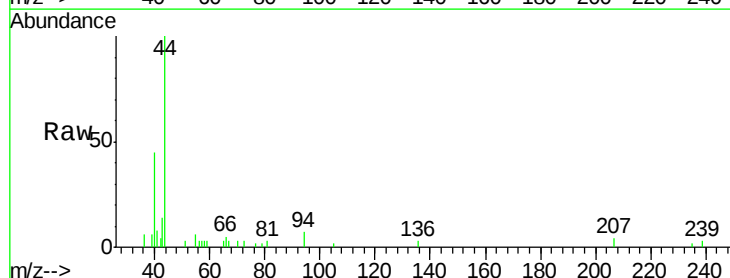
Acq: 14 Mar 2019 19:16

Tgt Ion: 43 Resp: 1462

Ion Ratio Lower Upper

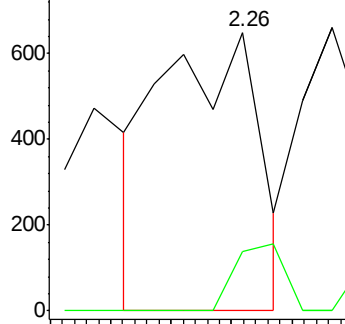
43 100

58 21.4 20.3 30.5

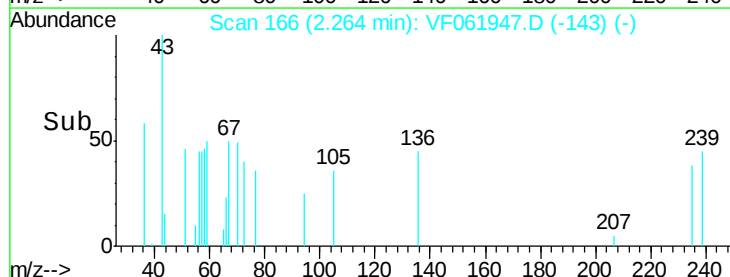


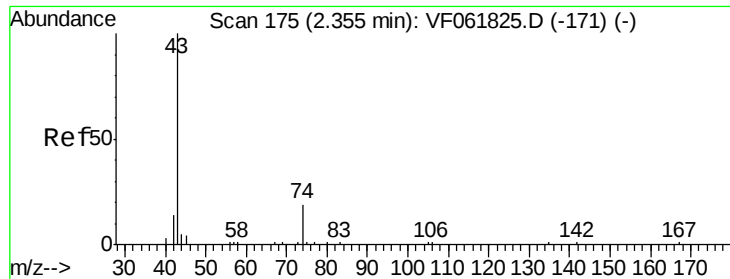
Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 58.00 (57.70 to 58.70): VF0



Time-->





#18

Methyl Acetate

Concen: 16.930 ug/l

RT: 2.33 min Scan# 173

Delta R.T. -0.02 min

Lab File: VF061947.D

Acq: 14 Mar 2019 19:16

Instrument :

MSVOA\_F

ClientSampleId :

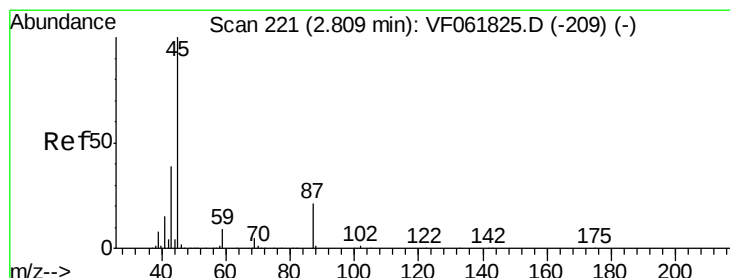
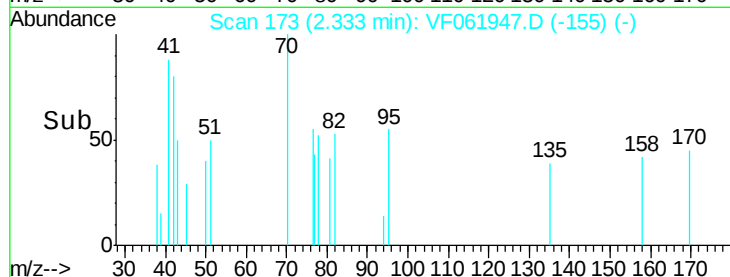
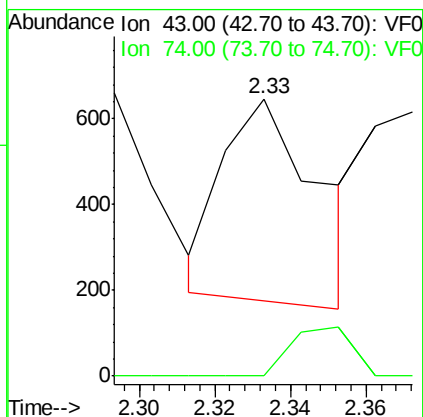
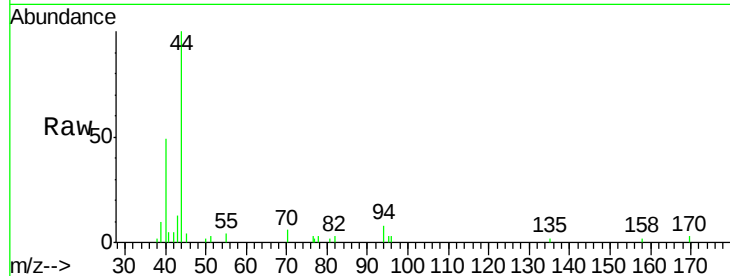
RBR200036

Tot Ion: 43 Resp: 811

Ion Ratio Lower Upper

43 100

74 0.0 13.2 19.8#



#22

Diisopropyl ether

Concen: 1.829 ug/l

RT: 2.91 min Scan# 232

Delta R.T. 0.11 min

Lab File: VF061947.D

Acq: 14 Mar 2019 19:16

Tgt Ion: 45 Resp: 634

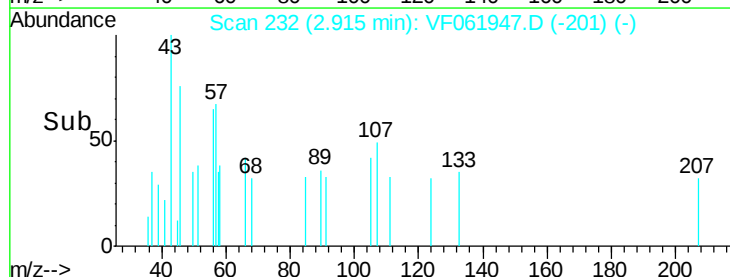
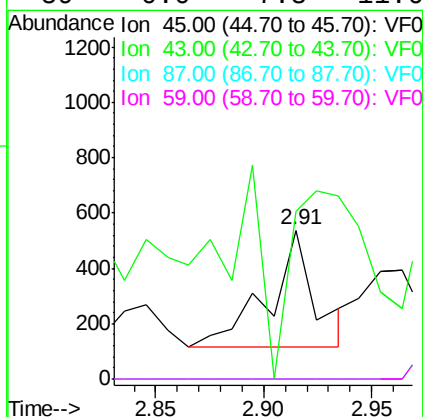
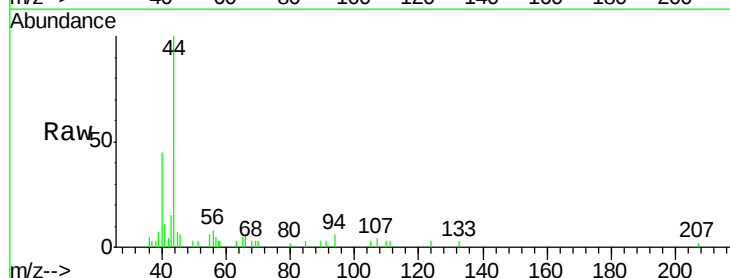
Ion Ratio Lower Upper

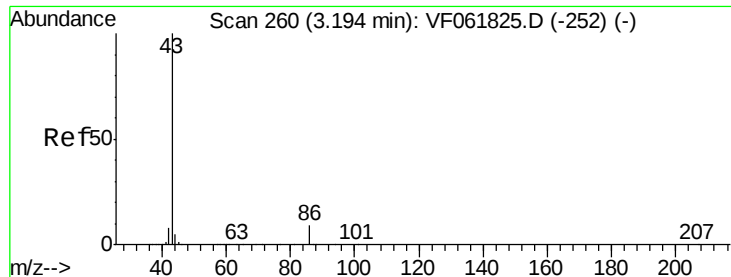
45 100

43 112.6 31.8 47.8#

87 0.0 17.1 25.7#

59 0.0 7.8 11.6#





#23

Vinyl Acetate

Concen: 3.810 ug/l

RT: 3.14 min Scan# 255

Delta R.T. -0.05 min

Lab File: VF061947.D

Acq: 14 Mar 2019 19:16

Instrument :

MSVOA\_F

ClientSampleId :

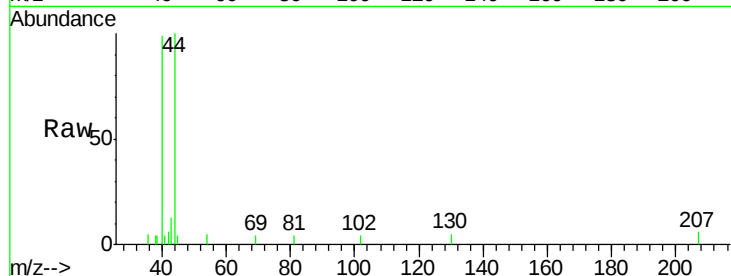
RBR200036

Tot Ion: 43 Resp: 590

Ion Ratio Lower Upper

43 100

86 0.0 7.0 10.4#



Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 86.00 (85.70 to 86.70): VF0

3.14

400

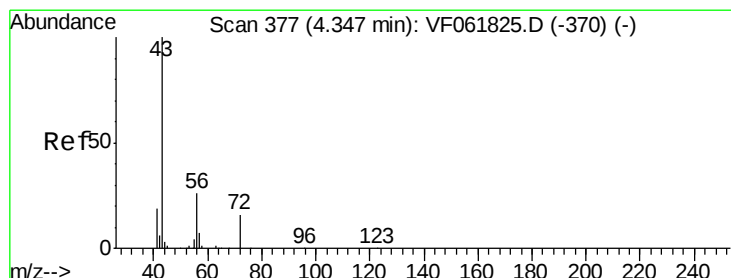
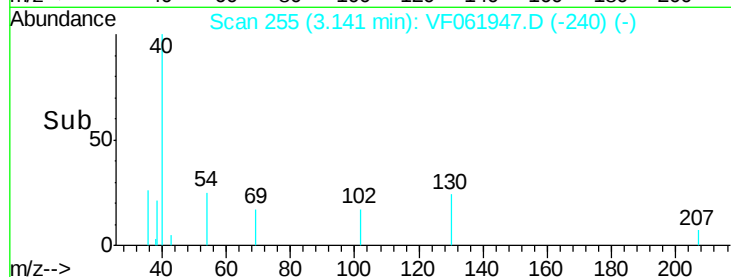
300

200

100

0

Time-->



#25

2-Butanone

Concen: 4.580 ug/l

RT: 4.35 min Scan# 378

Delta R.T. 0.01 min

Lab File: VF061947.D

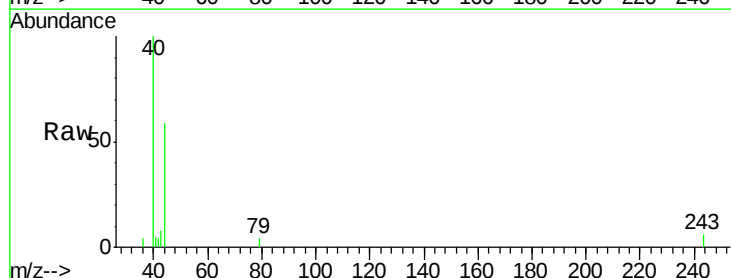
Acq: 14 Mar 2019 19:16

Tgt Ion: 43 Resp: 201

Ion Ratio Lower Upper

43 100

72 0.0 16.2 24.4#



Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 72.00 (71.70 to 72.70): VF0

4.35

250

200

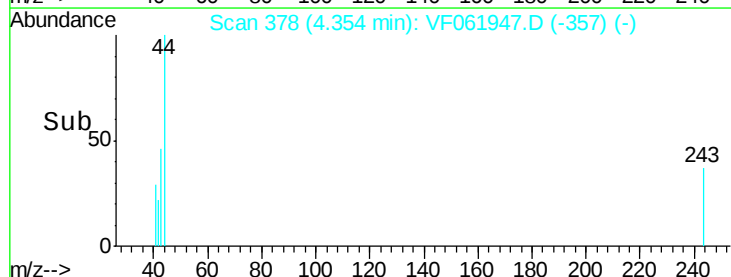
150

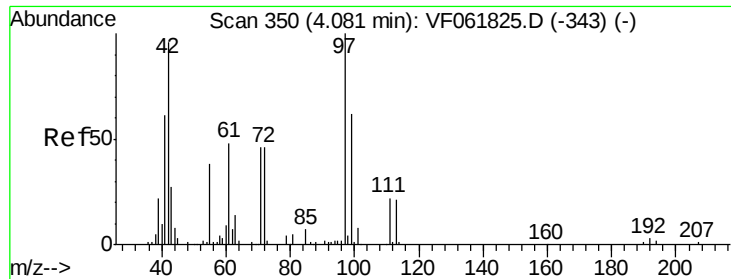
100

50

0

Time-->





#29

Tetrahydrofuran

Concen: 9.615 ug/l

RT: 4.05 min Scan# 347

Delta R.T. -0.03 min

Lab File: VF061947.D

Acq: 14 Mar 2019 19:16

Instrument :

MSVOA\_F

ClientSampleId :

RBR200036

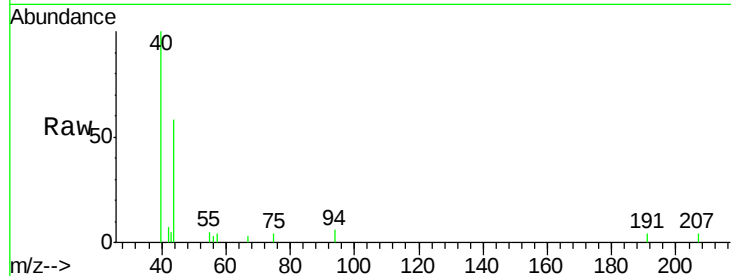
Tot Ion: 42 Resp: 182

Ion Ratio Lower Upper

42 100

72 0.0 34.4 51.6#

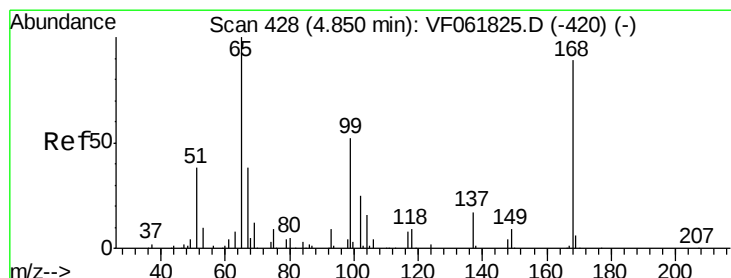
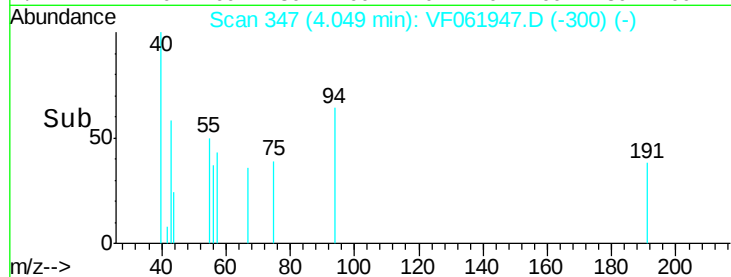
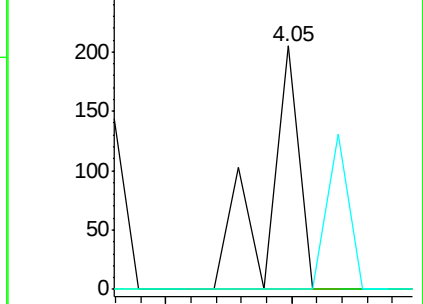
71 42.9 34.6 52.0



Abundance Ion 42.00 (41.70 to 42.70): VF0

Ion 72.00 (71.70 to 72.70): VF0

Ion 71.00 (70.70 to 71.70): VF0



#33

1,2-Dichloroethane-d4

Concen: 25.648 ug/l

RT: 4.84 min Scan# 427

Delta R.T. -0.01 min

Lab File: VF061947.D

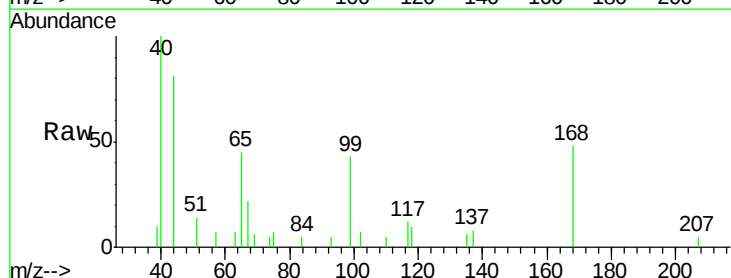
Acq: 14 Mar 2019 19:16

Tgt Ion: 65 Resp: 2642

Ion Ratio Lower Upper

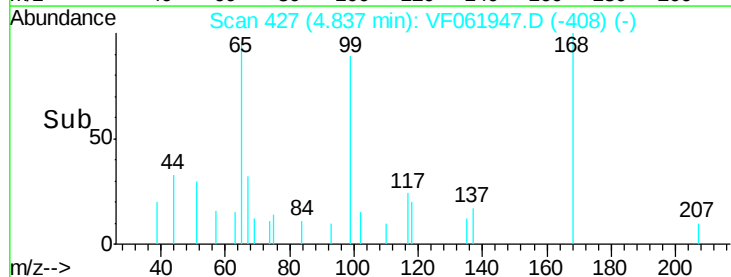
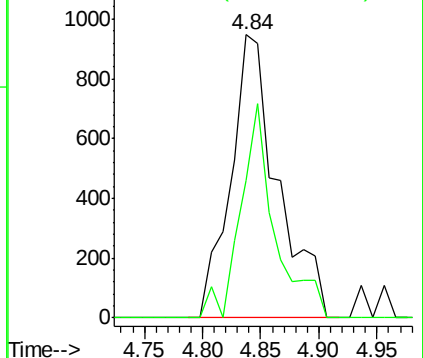
65 100

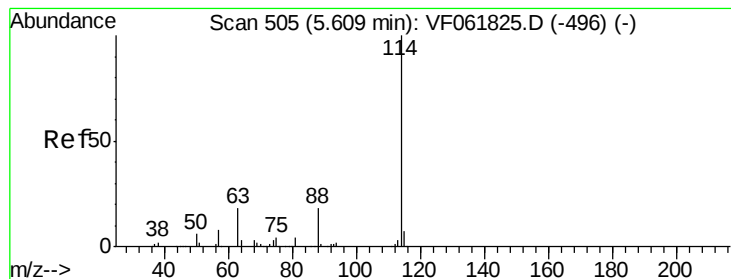
67 48.8 0.0 108.6



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: VF061947.D

Acq: 14 Mar 2019 19:16

Instrument :

MSVOA\_F

ClientSampleId :

RBR200036

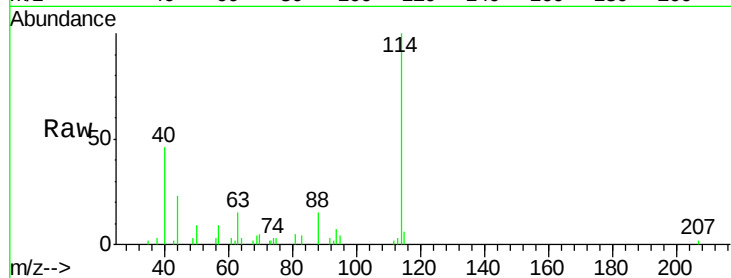
Tot Ion:114 Resp: 16918

Ion Ratio Lower Upper

114 100

63 15.3 0.0 35.6

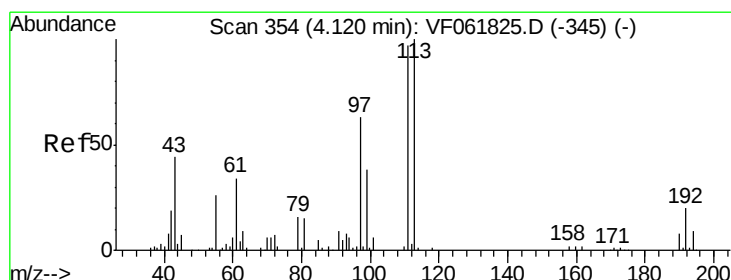
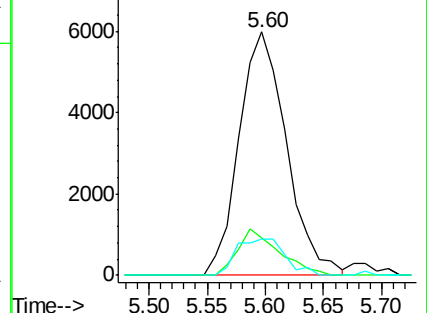
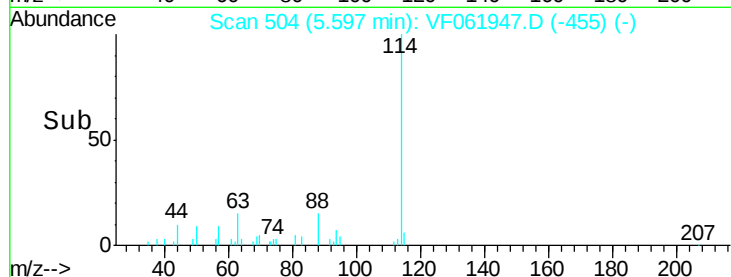
88 14.9 0.0 35.6



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: 46.017 ug/l

RT: 4.11 min Scan# 353

Delta R.T. -0.01 min

Lab File: VF061947.D

Acq: 14 Mar 2019 19:16

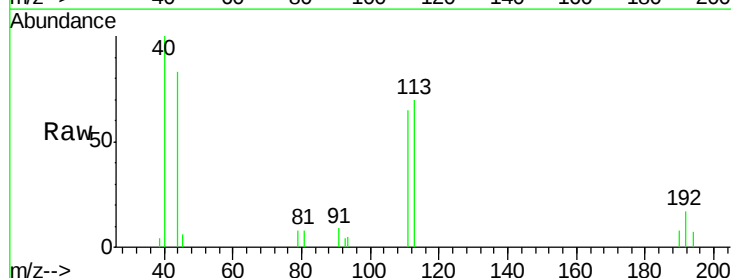
Tgt Ion:113 Resp: 5433

Ion Ratio Lower Upper

113 100

111 93.7 77.6 116.4

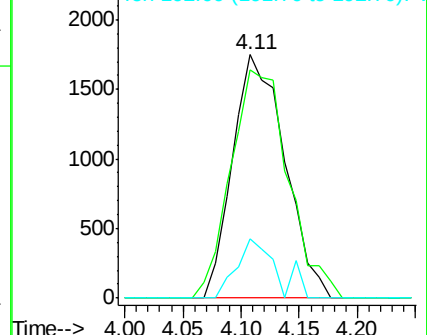
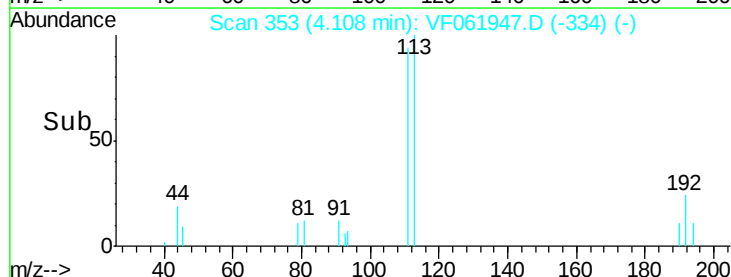
192 24.2 15.9 23.9#

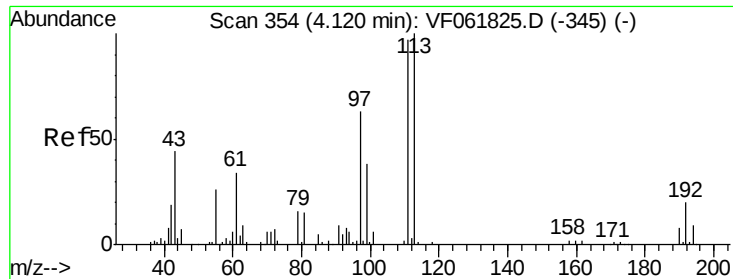


Abundance Ion 113.00 (112.70 to 113.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 192.00 (191.70 to 192.70): V

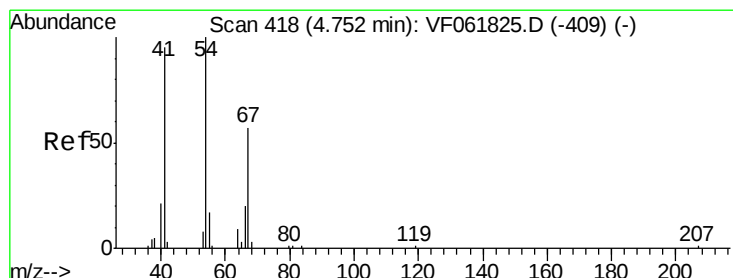
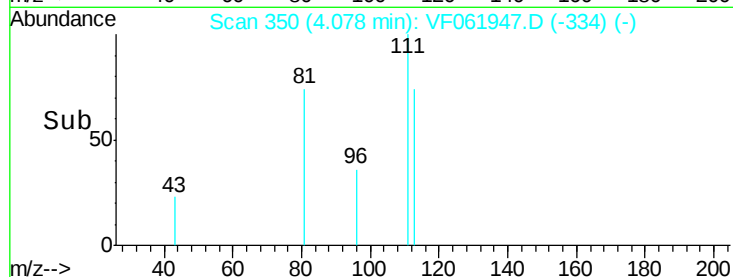
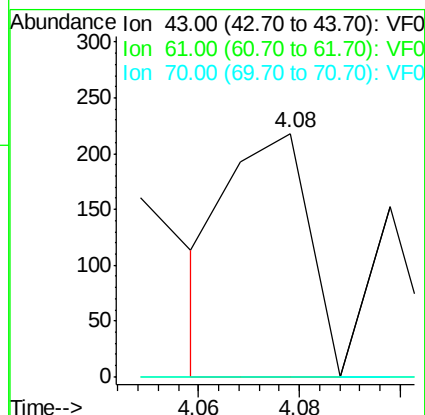
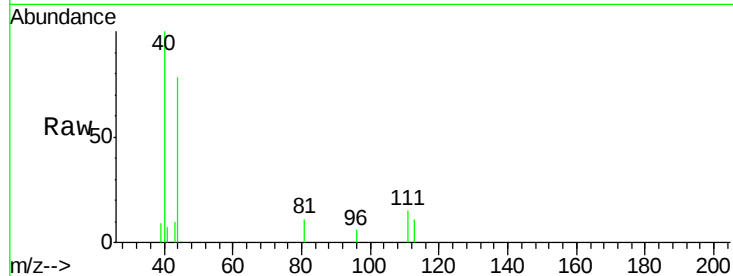




#37  
Ethyl Acetate  
Concen: 3.623 ug/l  
RT: 4.08 min Scan# 350  
Delta R.T. -0.04 min  
Lab File: VF061947.D  
Acq: 14 Mar 2019 19:16

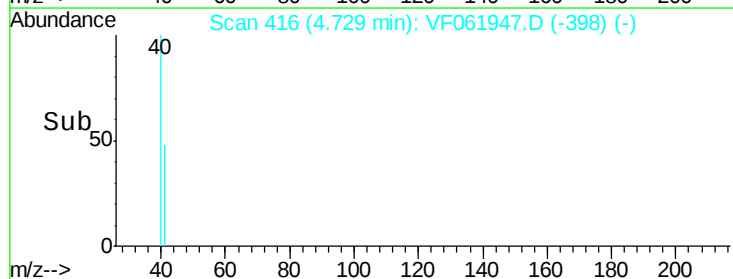
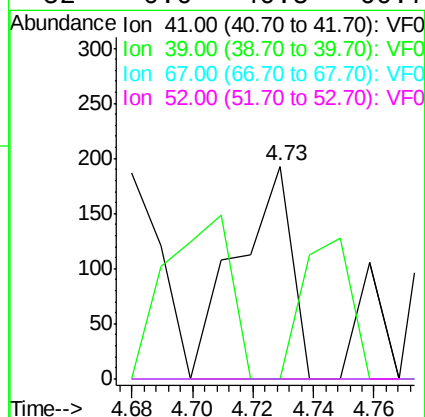
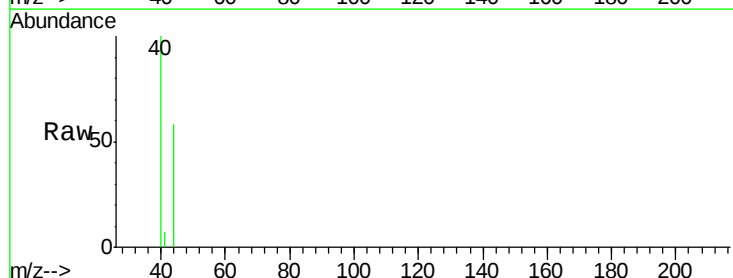
Instrument :  
MSVOA\_F  
ClientSampleId :  
RBR200036

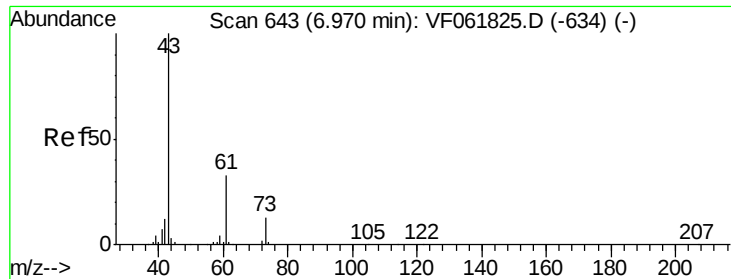
Tot Ion: 43 Resp: 243  
Ion Ratio Lower Upper  
43 100  
61 0.0 60.7 91.1#  
70 0.0 10.6 15.8#



#41  
Methacrylonitrile  
Concen: 6.666 ug/l  
RT: 4.73 min Scan# 416  
Delta R.T. -0.02 min  
Lab File: VF061947.D  
Acq: 14 Mar 2019 19:16

Tgt Ion: 41 Resp: 245  
Ion Ratio Lower Upper  
41 100  
39 0.0 43.0 64.6#  
67 0.0 47.8 71.8#  
52 0.0 40.5 60.7#





#43

Isopropyl Acetate

Concen: 1.923 ug/l

RT: 6.98 min Scan# 644

Delta R.T. 0.01 min

Lab File: VF061947.D

Acq: 14 Mar 2019 19:16

Instrument :

MSVOA\_F

ClientSampleId :

RBR200036

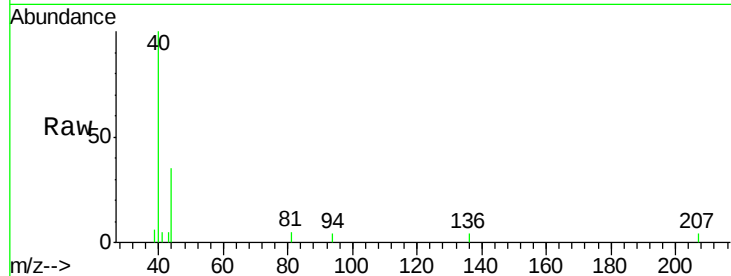
Tot Ion: 43 Resp: 159

Ion Ratio Lower Upper

43 100

61 0.0 26.1 39.1#

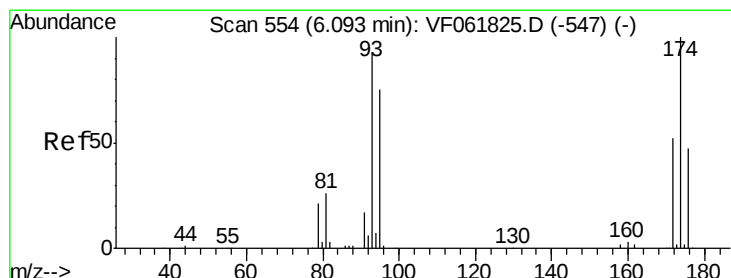
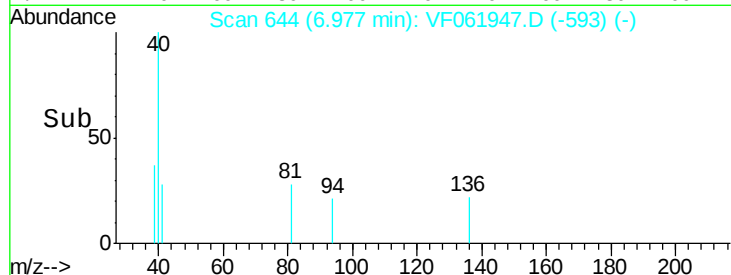
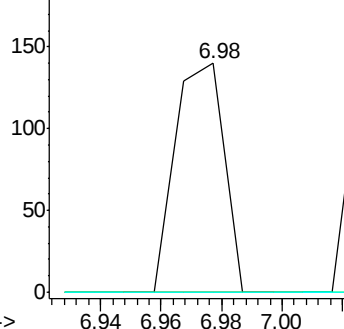
87 0.0 0.0 0.0



Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 61.00 (60.70 to 61.70): VF0

Ion 87.00 (86.70 to 87.70): VF0



#46

Dibromomethane

Concen: 1.024 ug/l

RT: 5.99 min Scan# 544

Delta R.T. -0.10 min

Lab File: VF061947.D

Acq: 14 Mar 2019 19:16

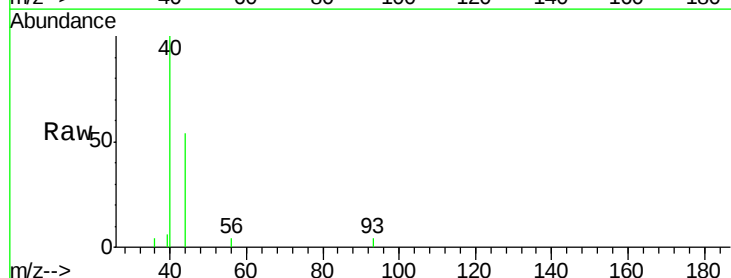
Tgt Ion: 93 Resp: 64

Ion Ratio Lower Upper

93 100

95 0.0 64.4 96.6#

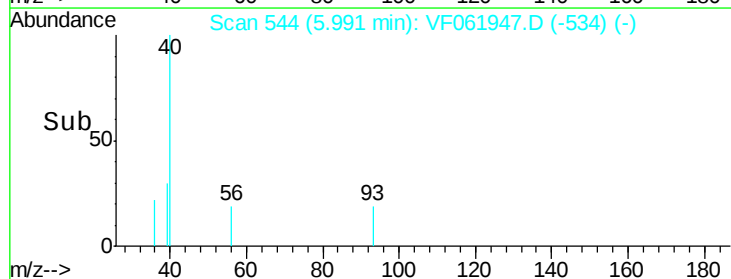
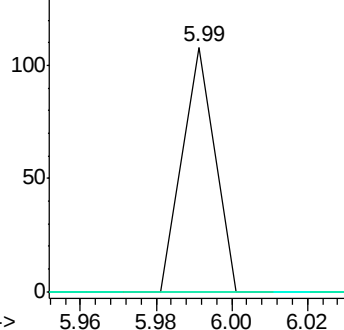
174 0.0 85.8 128.6#

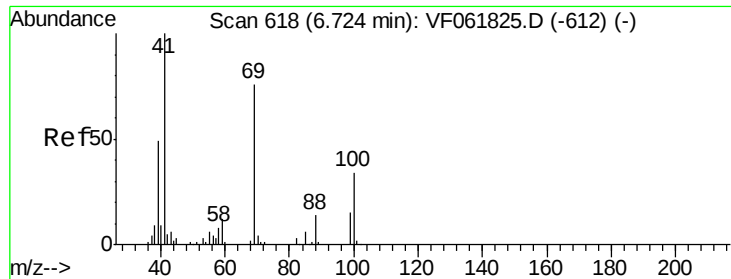


Abundance Ion 93.00 (92.70 to 93.70): VF0

Ion 95.00 (94.70 to 95.70): VF0

Ion 174.00 (173.70 to 174.70): V





#48

Methvl methacrylate

Concen: 4.472 ug/l

RT: 6.72 min Scan# 618

Delta R.T. -0.00 min

Lab File: VF061947.D

Acq: 14 Mar 2019 19:16

Instrument :

MSVOA\_F

ClientSampleId :

RBR200036

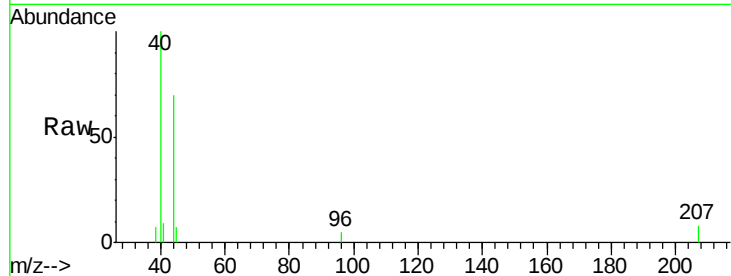
Tot Ion: 41 Resp: 234

Ion Ratio Lower Upper

41 100

69 0.0 60.4 90.6#

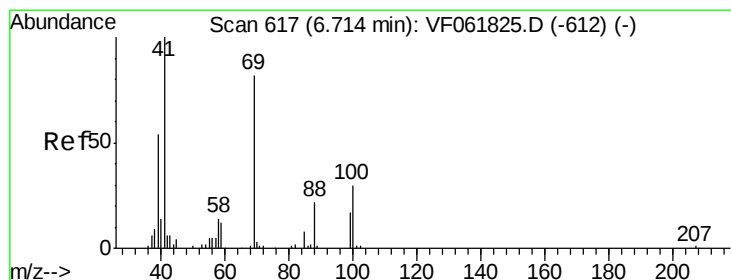
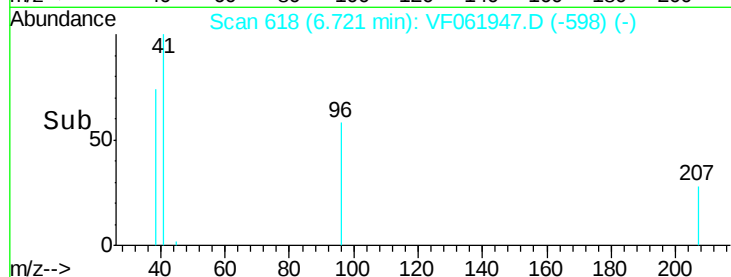
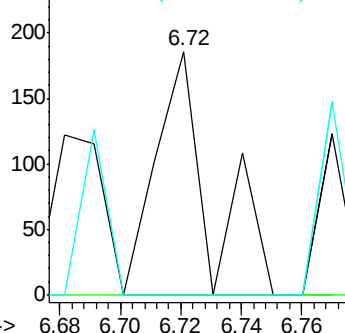
39 0.0 39.7 59.5#



Abundance Ion 41.00 (40.70 to 41.70): VF0

Ion 69.00 (68.70 to 69.70): VF0

Ion 39.00 (38.70 to 39.70): VF0



#49

1,4-Dioxane

Concen: 125.428 ug/l

RT: 7.04 min Scan# 650

Delta R.T. 0.32 min

Lab File: VF061947.D

Acq: 14 Mar 2019 19:16

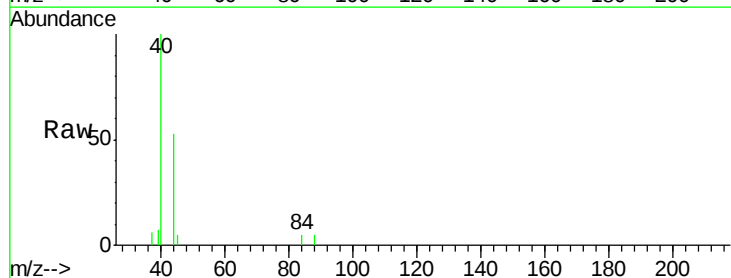
Tgt Ion: 88 Resp: 60

Ion Ratio Lower Upper

88 100

43 0.0 28.4 42.6#

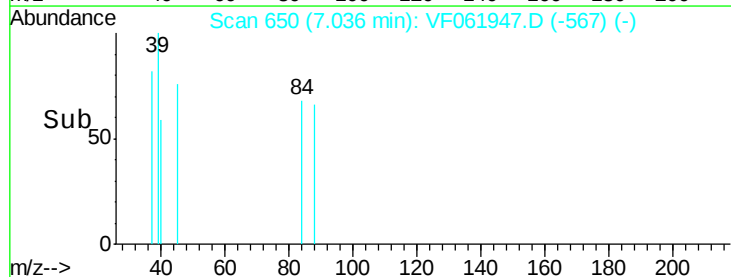
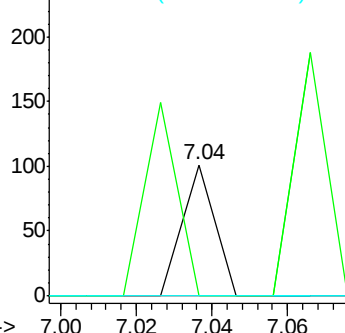
58 0.0 50.7 76.1#

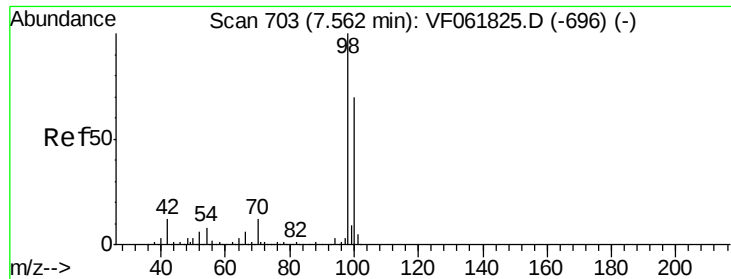


Abundance Ion 88.00 (87.70 to 88.70): VF0

Ion 43.00 (42.70 to 43.70): VF0

Ion 58.00 (57.70 to 58.70): VF0

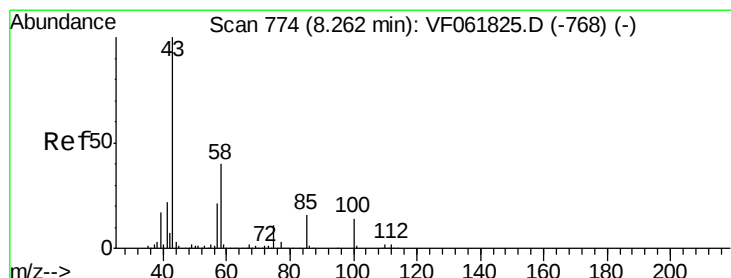
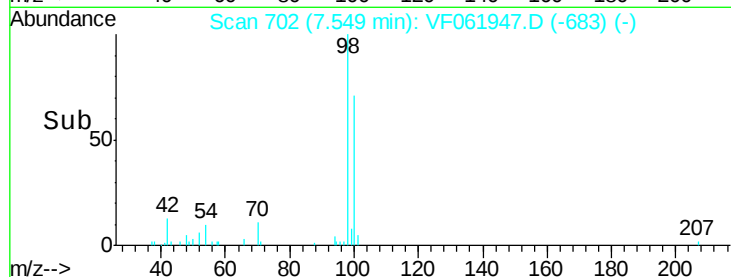
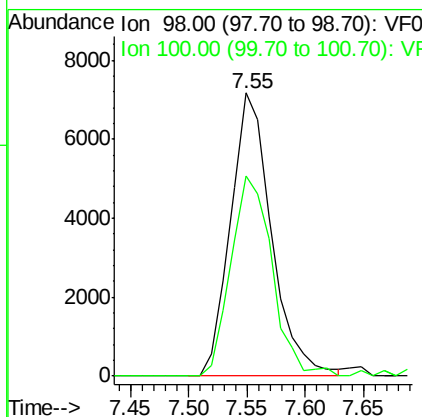
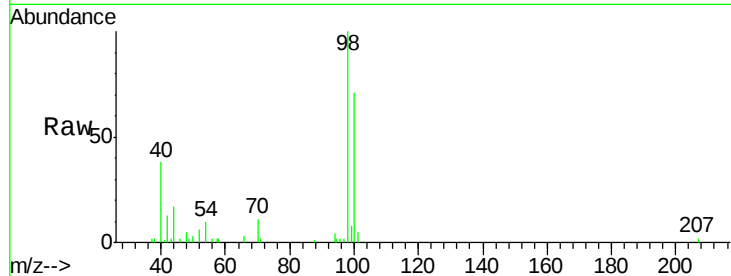




#50  
Toluene-d8  
Concen: 49.814 ug/l  
RT: 7.55 min Scan# 702  
Delta R.T. -0.01 min  
Lab File: VF061947.D  
Acq: 14 Mar 2019 19:16

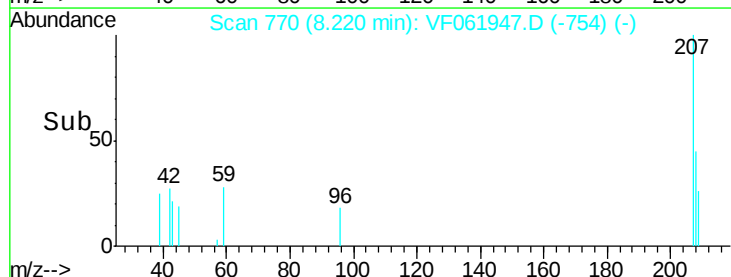
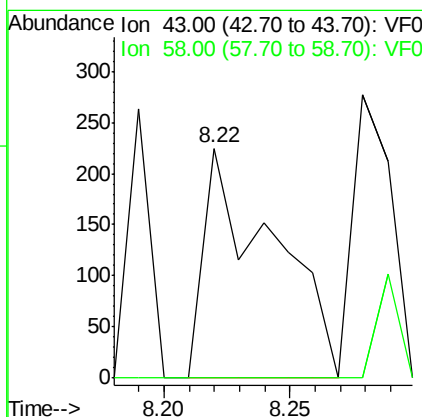
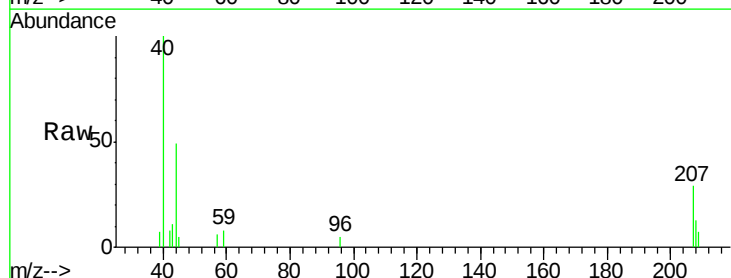
Instrument :  
MSVOA\_F  
ClientSampleId :  
RBR200036

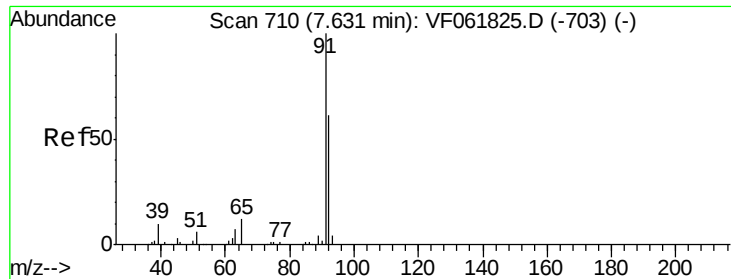
Tot Ion: 98 Resp: 17481  
Ion Ratio Lower Upper  
98 100  
100 70.8 56.0 84.0



#51  
4-Methyl-2-Pentanone  
Concen: 7.437 ug/l  
RT: 8.22 min Scan# 770  
Delta R.T. -0.04 min  
Lab File: VF061947.D  
Acq: 14 Mar 2019 19:16

Tgt Ion: 43 Resp: 425  
Ion Ratio Lower Upper  
43 100  
58 0.0 31.8 47.8#





#52

Toluene

Concen: 3.885 ug/l

RT: 7.63 min Scan# 710

Delta R.T. -0.00 min

Lab File: VF061947.D

Acq: 14 Mar 2019 19:16

Instrument :

MSVOA\_F

ClientSampleId :

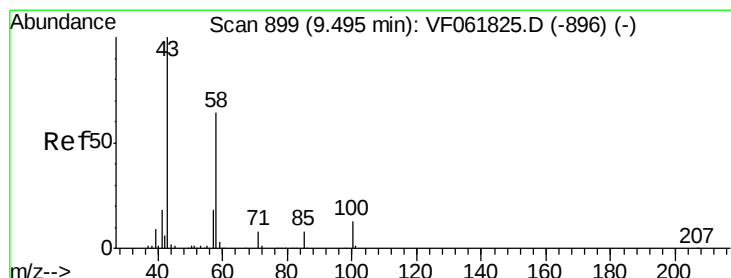
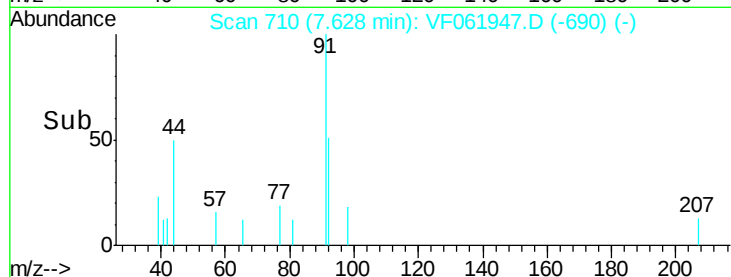
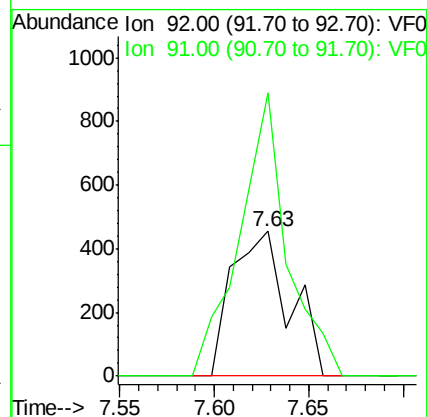
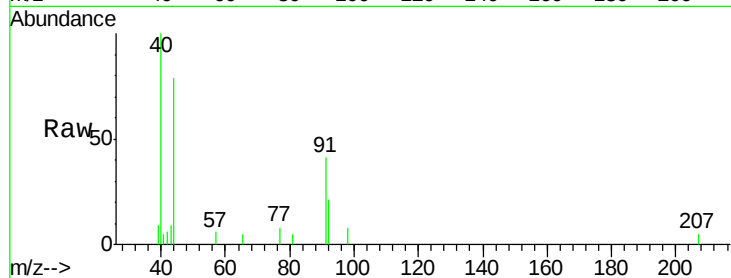
RBR200036

Tot Ion: 92 Resp: 960

Ion Ratio Lower Upper

92 100

91 195.8 132.0 198.0



#59

2-Hexanone

Concen: 3.372 ug/l

RT: 9.52 min Scan# 902

Delta R.T. 0.03 min

Lab File: VF061947.D

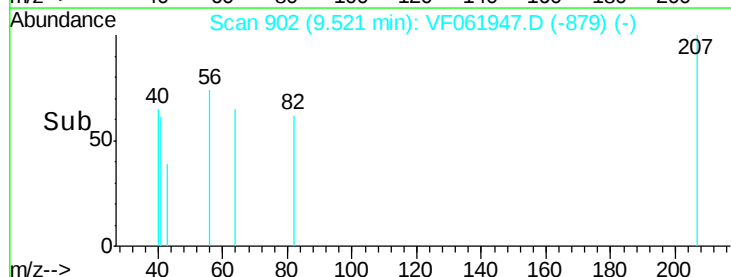
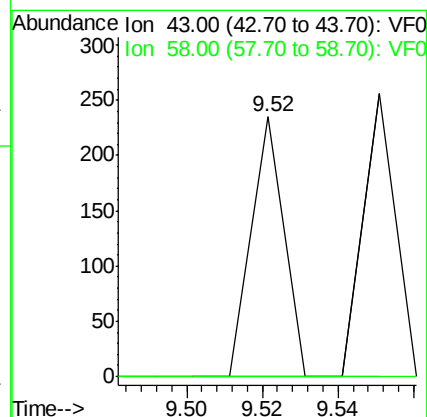
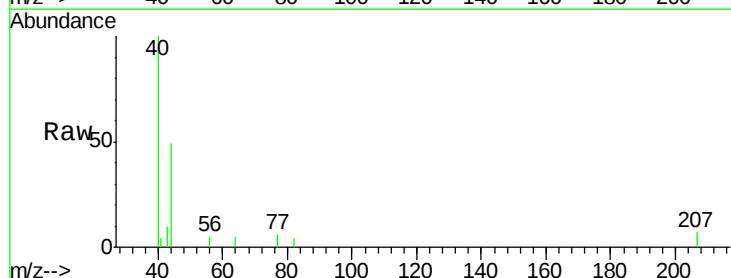
Acq: 14 Mar 2019 19:16

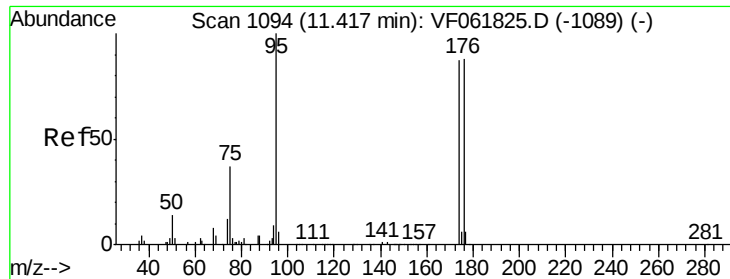
Tgt Ion: 43 Resp: 139

Ion Ratio Lower Upper

43 100

58 0.0 28.8 86.4#





#62

4-Bromofluorobenzene

Concen: 34.918 ug/l

RT: 11.41 min Scan# 1094

Delta R.T. -0.00 min

Lab File: VF061947.D

Acq: 14 Mar 2019 19:16

Instrument :

MSVOA\_F

ClientSampleId :

RBR200036

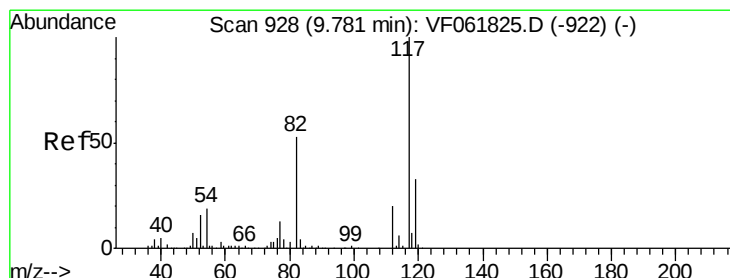
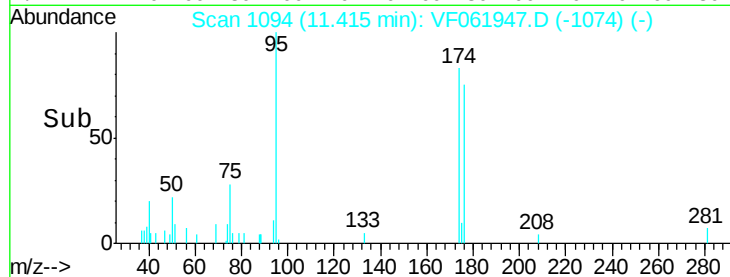
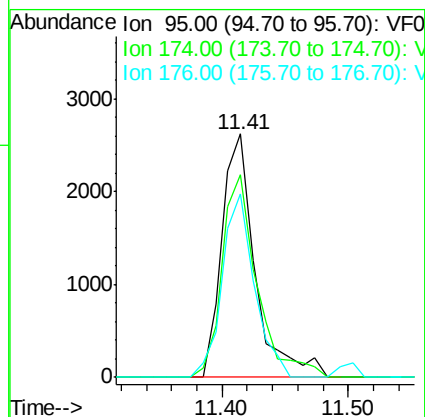
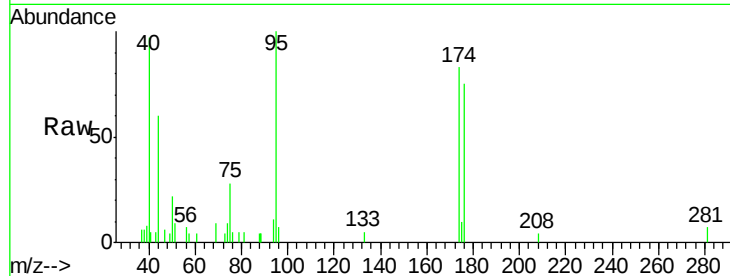
Tot Ion: 95 Resp: 4800

Ion Ratio Lower Upper

95 100

174 83.5 0.0 174.0

176 75.1 0.0 175.2



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 9.78 min Scan# 928

Delta R.T. -0.00 min

Lab File: VF061947.D

Acq: 14 Mar 2019 19:16

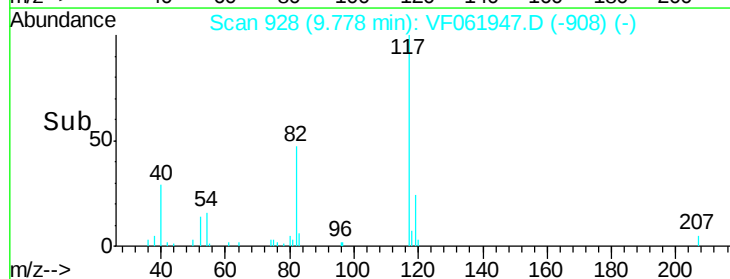
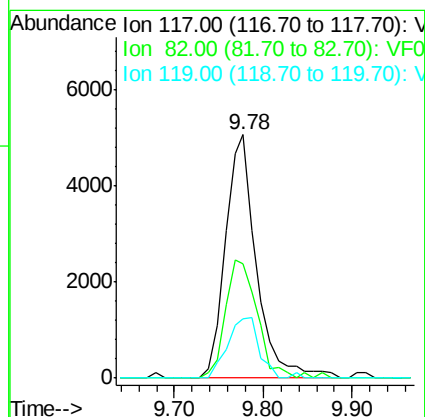
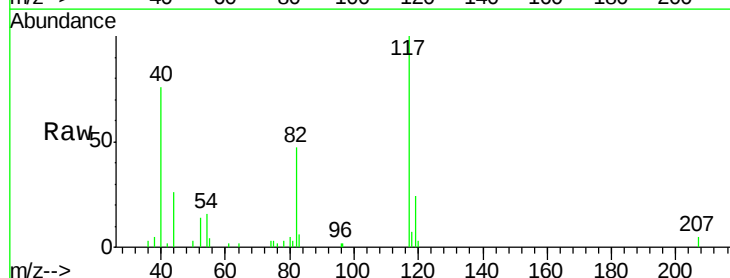
Tgt Ion: 117 Resp: 12389

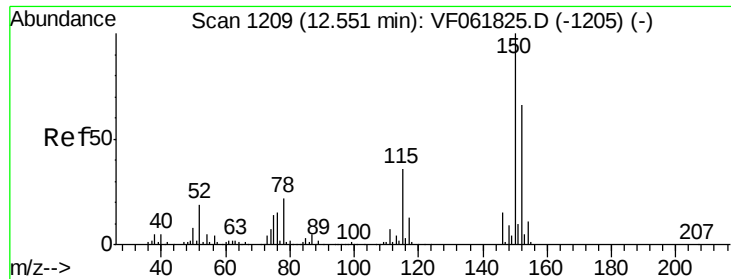
Ion Ratio Lower Upper

117 100

82 46.9 42.6 63.8

119 24.2 26.0 39.0#





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.56 min Scan# 1210

Delta R.T. 0.01 min

Lab File: VF061947.D

Acq: 14 Mar 2019 19:16

Instrument :

MSVOA\_F

ClientSampleId :

RBR200036

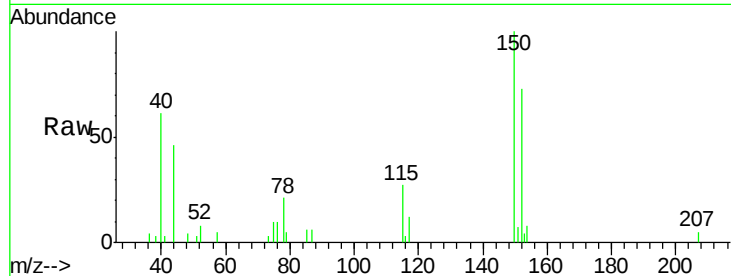
Tot Ion:152 Resp: 4432

Ion Ratio Lower Upper

152 100

115 36.8 27.7 83.1

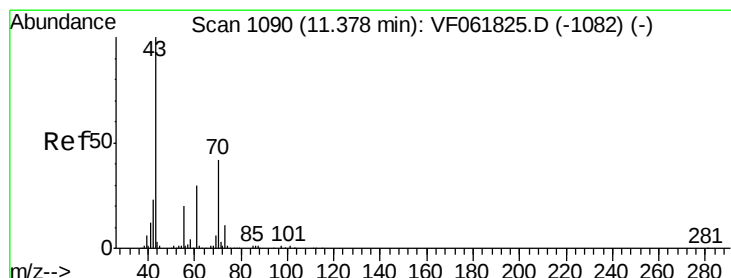
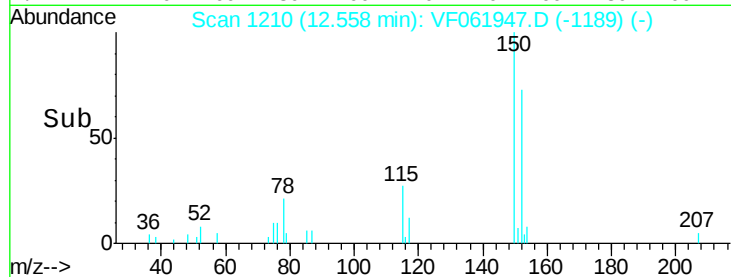
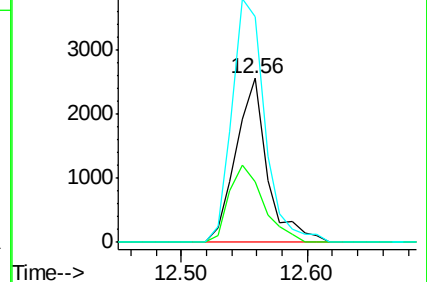
150 137.9 0.0 304.2



Abundance Ion 152.00 (151.70 to 152.70): V

Ion 115.00 (114.70 to 115.70): V

Ion 150.00 (149.70 to 150.70): V



#74

N-ethyl acetate

Concen: 1.609 ug/l

RT: 11.39 min Scan# 1091

Delta R.T. 0.01 min

Lab File: VF061947.D

Acq: 14 Mar 2019 19:16

Tgt Ion: 43 Resp: 113

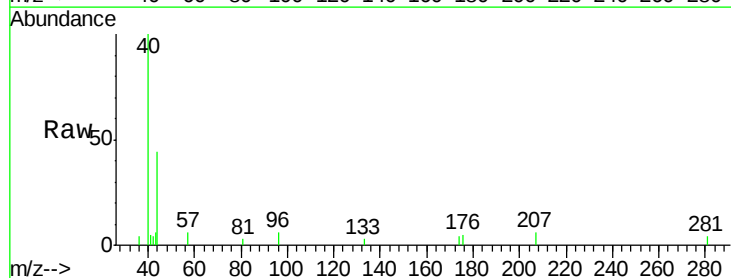
Ion Ratio Lower Upper

43 100

70 0.0 33.4 50.0#

55 0.0 16.3 24.5#

61 0.0 24.0 36.0#

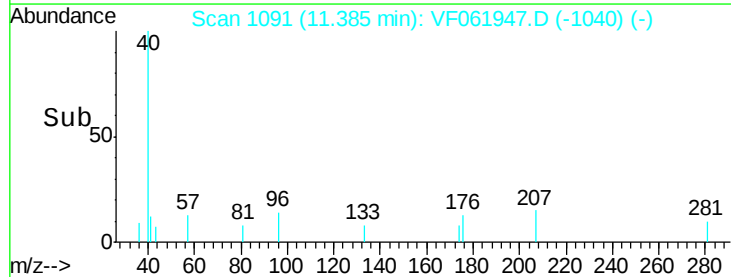
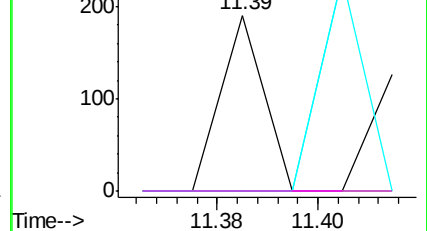


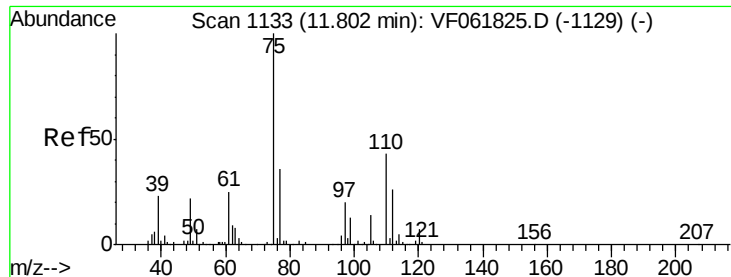
Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 70.00 (69.70 to 70.70): VF0

Ion 55.00 (54.70 to 55.70): VF0

Ion 61.00 (60.70 to 61.70): VF0





#76

1,2,3-Trichloropropane

Concen: 2.138 ug/l

RT: 11.96 min Scan# 1149

Delta R.T. 0.15 min

Lab File: VF061947.D

Acq: 14 Mar 2019 19:16

Instrument :

MSVOA\_F

ClientSampled :

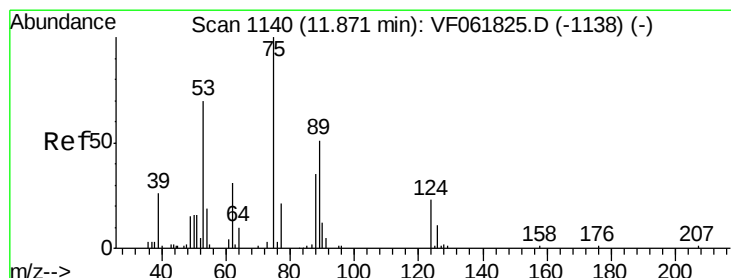
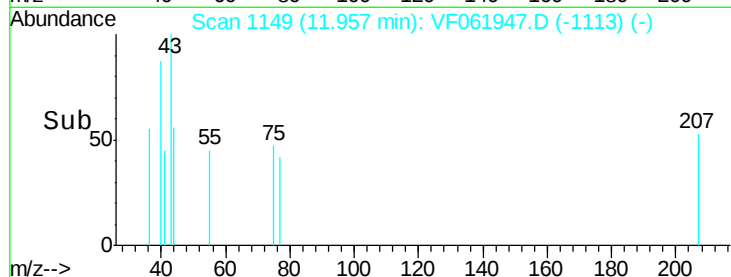
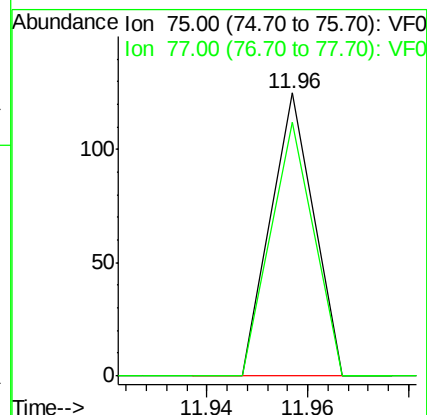
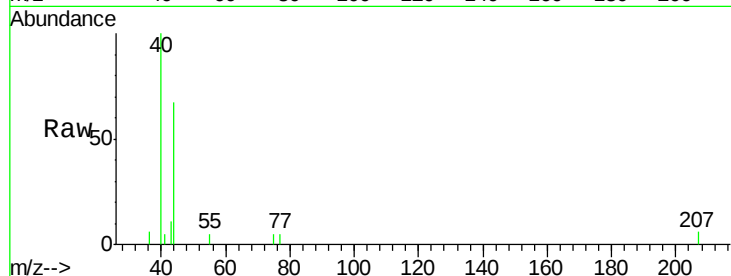
RBR200036

Tot Ion: 75 Resp: 74

Ion Ratio Lower Upper

75 100

77 89.6 18.1 54.4#



#81

trans-1,4-Dichloro-2-butene

Concen: 4.676 ug/l

RT: 11.96 min Scan# 1149

Delta R.T. 0.09 min

Lab File: VF061947.D

Acq: 14 Mar 2019 19:16

Tgt Ion: 75 Resp: 74

Ion Ratio Lower Upper

75 100

53 0.0 58.6 88.0#

89 0.0 41.4 62.0#

