

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF080118\  
 Data File : VF059761.D  
 Acq On : 1 Aug 2018 17:55  
 Operator : VA/AP  
 Sample : J4231-07  
 Misc : 5.01µ/5mL/MSVOA F/SOIL  
 ALS Vial : 91 Sample Multiplier: 1

Instrument :  
 MSVOA\_F  
 ClientSampleId :  
 2018-NYSEG-CLARK-AREA-14-4

Quant Time: Aug 02 05:30:09 2018  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_F\METHODS\82F073018S.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Jul 31 15:23:22 2018  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) Pentafluorobenzene      | 0.00  | 168  | 0        | 0.00  | ug/l  | -5.03    |
| 34) 1,4-Difluorobenzene    | 6.01  | 114  | 60       | 50.00 | ug/l  | 0.25     |
| 63) Chlorobenzene-d5       | 0.00  | 117  | 0        | 0.00  | ug/l  | -9.91    |
| 72) 1,4-Dichlorobenzene-d4 | 12.53 | 152  | 75       | 50.00 | ug/l  | -0.11    |

| System Monitoring Compounds | R.T.  | QIon | Response   | Conc    | Units | Dev(Min) |
|-----------------------------|-------|------|------------|---------|-------|----------|
| 33) 1,2-Dichloroethane-d4   | 5.05  | 65   | 72         | 0.00    | ug/l  | 0.03     |
| Spiked Amount 50.000        |       |      | Recovery = | 0.00%   |       |          |
| 35) Dibromofluoromethane    | 4.34  | 113  | 64         | 102.70  | ug/l  | 0.05     |
| Spiked Amount 50.000        |       |      | Recovery = | 205.40% |       |          |
| 50) Toluene-d8              | 0.00  | 98   | 0          | 0.00    | ug/l  |          |
| Spiked Amount 50.000        |       |      | Recovery = | 0.00%   |       |          |
| 62) 4-Bromofluorobenzene    | 12.09 | 95   | 61         | 75.82   | ug/l  | 0.58     |
| Spiked Amount 50.000        |       |      | Recovery = | 151.64% |       |          |

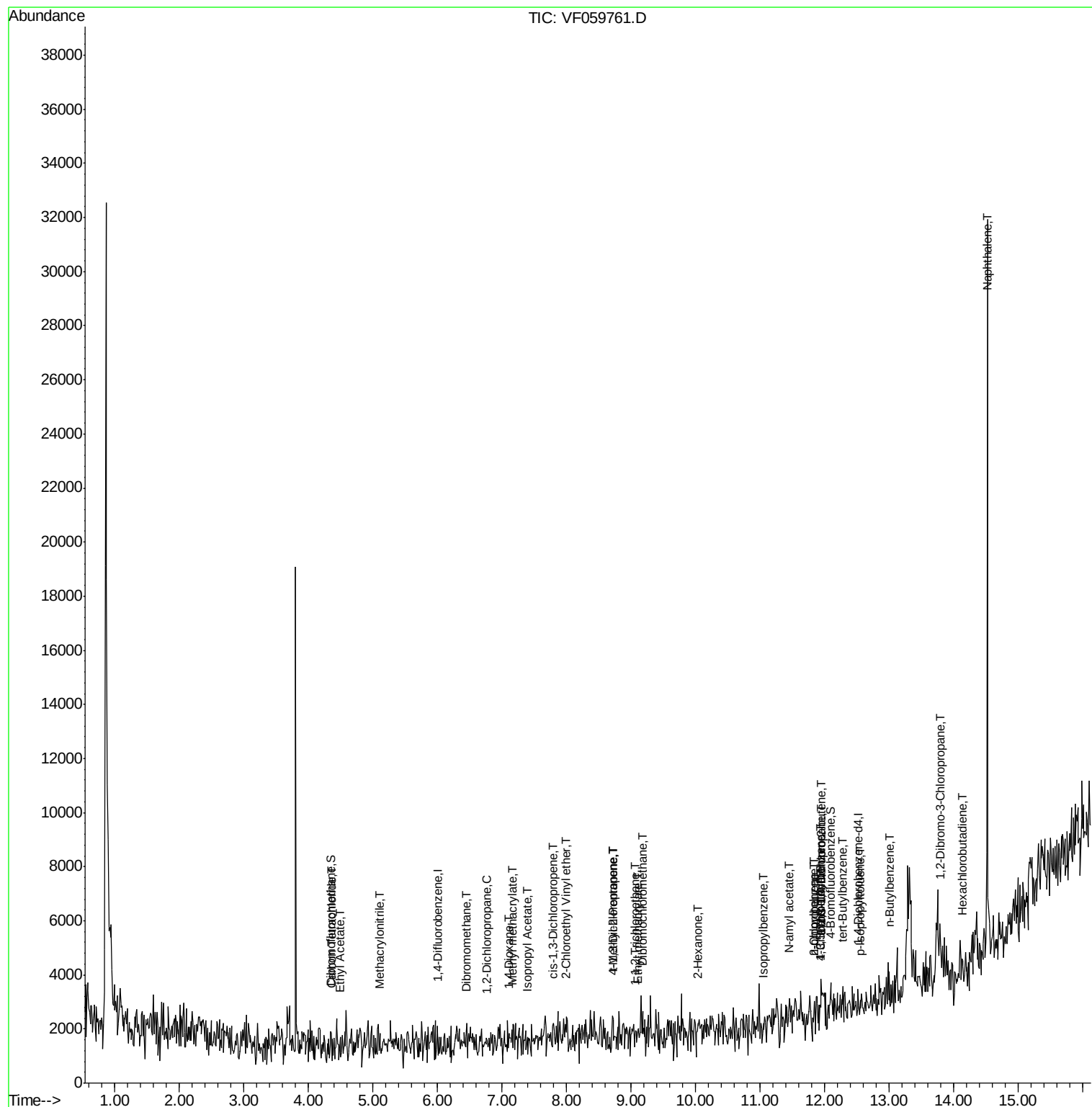
| Target Compounds               | R.T.  | QIon | Response | Conc     | Units  | Qvalue |
|--------------------------------|-------|------|----------|----------|--------|--------|
| 37) Ethyl Acetate              | 4.49  | 43   | 111      | 403.49   | ug/l # | 19     |
| 38) Carbon Tetrachloride       | 4.37  | 117  | 64       | 67.09    | ug/l # | 14     |
| 41) Methacrylonitrile          | 5.10  | 41   | 72       | 502.08   | ug/l # | 24     |
| 43) Isopropyl Acetate          | 7.39  | 43   | 61       | 170.02   | ug/l # | 46     |
| 45) 1,2-Dichloropropane        | 6.76  | 63   | 86       | 268.76   | ug/l # | 43     |
| 46) Dibromomethane             | 6.44  | 93   | 78       | 256.75   | ug/l # | 8      |
| 48) Methyl methacrylate        | 7.16  | 41   | 150      | 555.85   | ug/l # | 50     |
| 49) 1,4-Dioxane                | 7.11  | 88   | 69       | 14039.12 | ug/l # | 21     |
| 51) 4-Methyl-2-Pentanone       | 8.73  | 43   | 206      | 754.81   | ug/l # | 42     |
| 53) t-1,3-Dichloropropene      | 8.72  | 75   | 63       | 87.76    | ug/l # | 41     |
| 54) cis-1,3-Dichloropropene    | 7.81  | 75   | 91       | 130.87   | ug/l # | 18     |
| 55) 1,1,2-Trichloroethane      | 9.08  | 97   | 253      | 770.96   | ug/l # | 14     |
| 56) Ethyl methacrylate         | 9.12  | 69   | 76       | 222.07   | ug/l # | 14     |
| 58) 2-Chloroethyl Vinyl ether  | 7.97  | 63   | 80       | 2024.62  | ug/l   | 100    |
| 59) 2-Hexanone                 | 10.03 | 43   | 71       | 324.64   | ug/l # | 30     |
| 60) Dibromochloromethane       | 9.18  | 129  | 87       | 150.24   | ug/l # | 12     |
| 73) Isopropylbenzene           | 11.05 | 105  | 83       | 16.87    | ug/l # | 50     |
| 74) N-amyl acetate             | 11.44 | 43   | 86       | 69.27    | ug/l # | 48     |
| 76) 1,2,3-Trichloropropane     | 11.95 | 75   | 60       | 76.17    | ug/l # | 39     |
| 78) n-propylbenzene            | 11.84 | 91   | 88       | 13.82    | ug/l # | 54     |
| 79) 2-Chlorotoluene            | 11.84 | 91   | 155      | 48.71    | ug/l # | 44     |
| 80) 1,3,5-Trimethylbenzene     | 11.93 | 105  | 70       | 14.52    | ug/l # | 31     |
| 81) trans-1,4-Dichloro-2-buten | 11.95 | 75   | 60       | 183.93   | ug/l # | 9      |
| 82) 4-Chlorotoluene            | 11.93 | 91   | 87       | 23.53    | ug/l # | 44     |
| 83) tert-Butylbenzene          | 12.28 | 119  | 108      | 24.45    | ug/l # | 26     |
| 86) p-Isopropyltoluene         | 12.54 | 119  | 83       | 15.03    | ug/l # | 49     |
| 89) n-Butylbenzene             | 13.00 | 91   | 66       | 11.44    | ug/l # | 29     |
| 92) 1,2-Dibromo-3-Chloropropan | 13.78 | 75   | 103      | 454.84   | ug/l # | 9      |
| 94) Hexachlorobutadiene        | 14.14 | 225  | 66       | 53.65    | ug/l # | 19     |
| 95) Naphthalene                | 14.51 | 128  | 1335     | 412.85   | ug/l # | 70     |

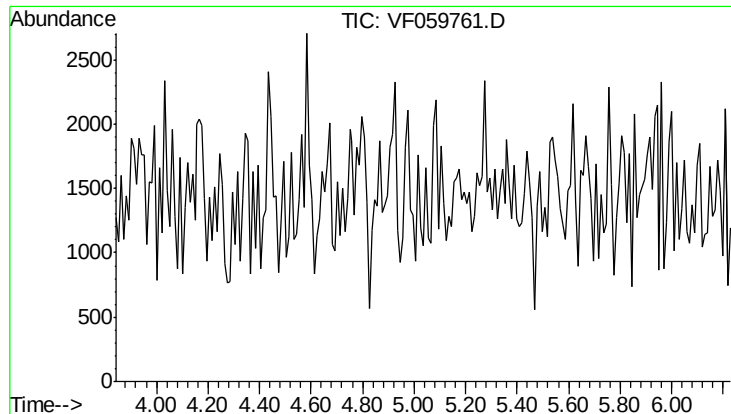
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA F\DATA\VF080118\  
Data File : VF059761.D  
Acq On : 1 Aug 2018 17:55  
Operator : VA/AP  
Sample : J4231-07  
Misc : 5.01a/5mL/MSVOA F/SOIL  
ALS Vial : 91 Sample Multiplier: 1

Instrument :  
MSVOA\_F  
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2018-NYSEG-CLARK-AREA-14-4

Quant Time: Aug 02 05:30:09 2018  
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_F\METHODS\82F073018S.M  
Quant Title : SW846 8260  
QLast Update : Tue Jul 31 15:23:22 2018  
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 0.00 ug/l

Expected RT: 5.03 min

Lab File: VF059761.D

Acq: 1 Aug 2018 17:55

Tot Ion: 168

Sig Exp Ratio

168 100

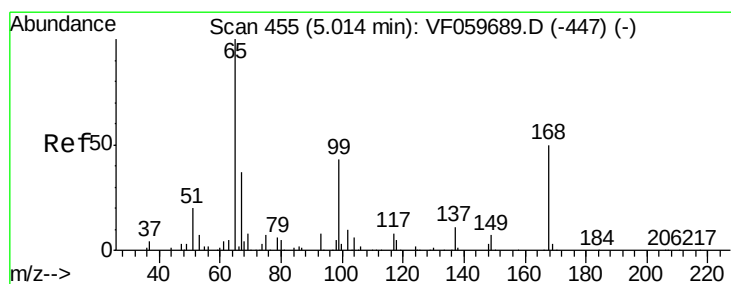
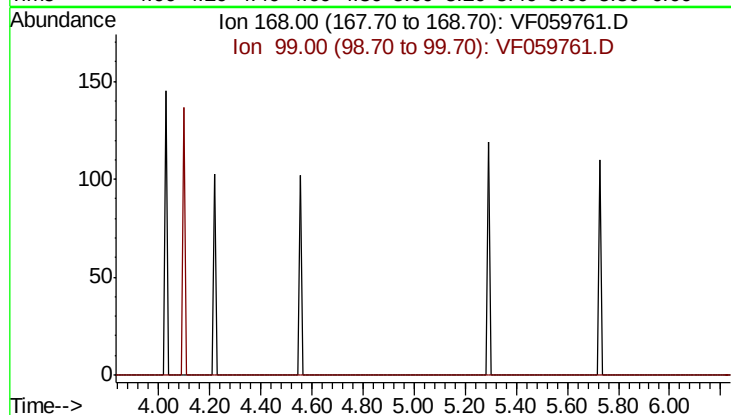
99 79.1

Instrument :

MSVOA\_F

ClientSampleId :

2018-NYSEG-CLARK-AREA-14-4



#33

1,2-Dichloroethane-d4

Concen: 0.00 ug/l

RT: 5.05 min Scan# 458

Delta R.T. 0.03 min

Lab File: VF059761.D

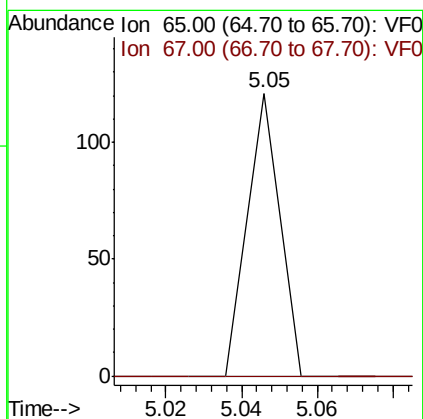
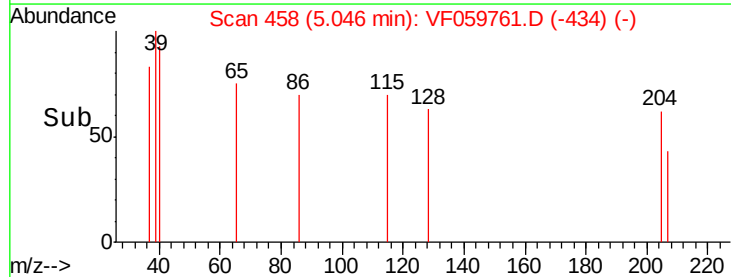
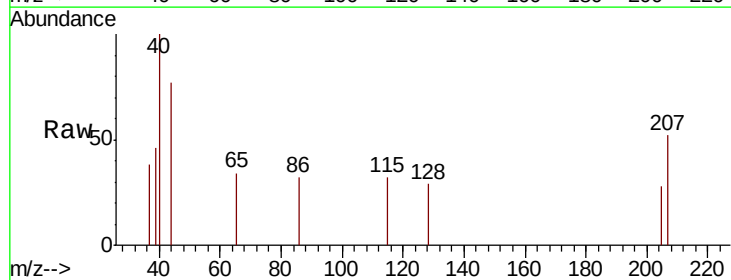
Acq: 1 Aug 2018 17:55

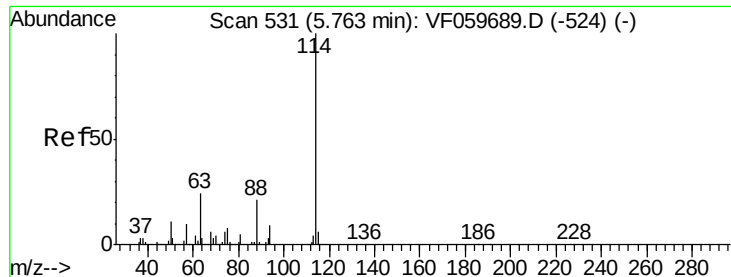
Tgt Ion: 65 Resp: 72

Ion Ratio Lower Upper

65 100

67 0.0 0.0 84.6

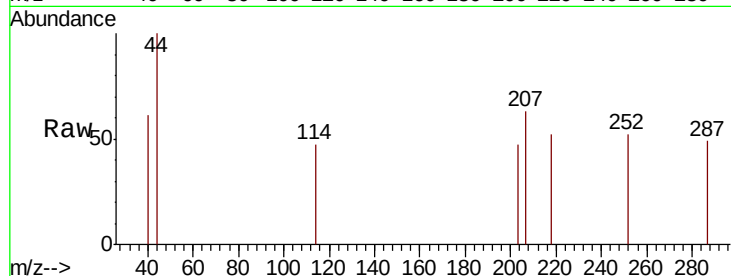




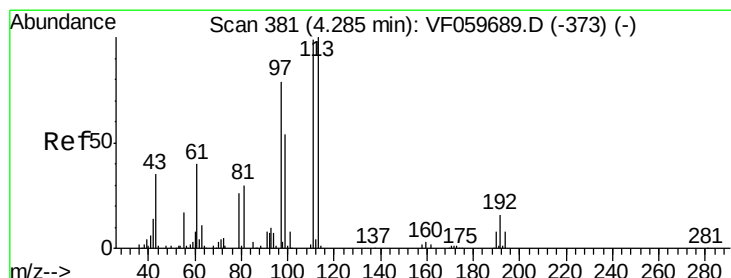
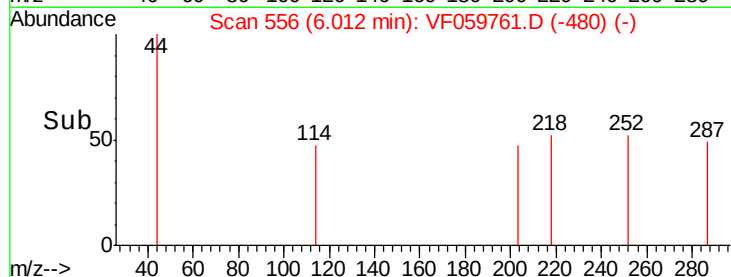
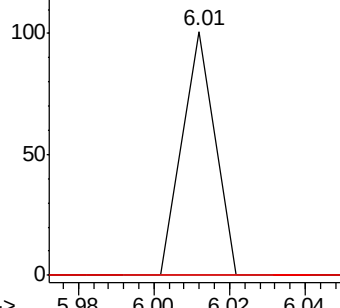
#34  
1,4-Difluorobenzene  
Concen: 50.00 ug/l  
RT: 6.01 min Scan# 556  
Delta R.T. 0.25 min  
Lab File: VF059761.D  
Acq: 1 Aug 2018 17:55

Instrument :  
MSVOA\_F  
ClientSampleId :  
2018-NYSEG-CLARK-AREA-14-4

Tot Ion:114 Resp: 60  
Ion Ratio Lower Upper  
114 100  
63 0.0 0.0 47.4  
88 0.0 0.0 41.2

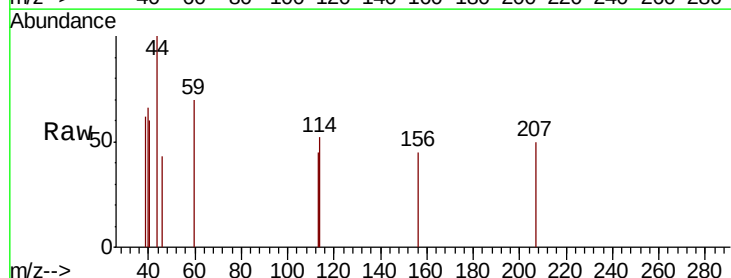


Abundance Ion 114.00 (113.70 to 114.70): V  
Ion 63.00 (62.70 to 63.70): VF0  
Ion 88.00 (87.70 to 88.70): VF0

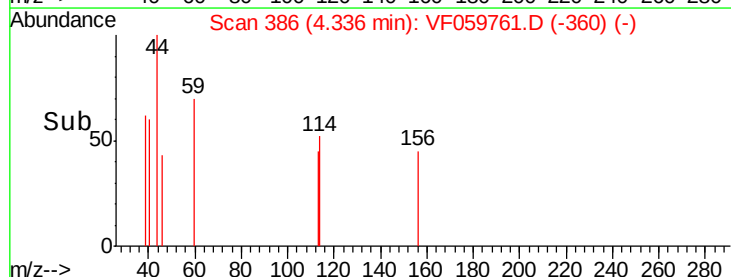
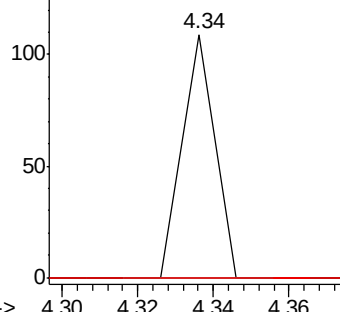


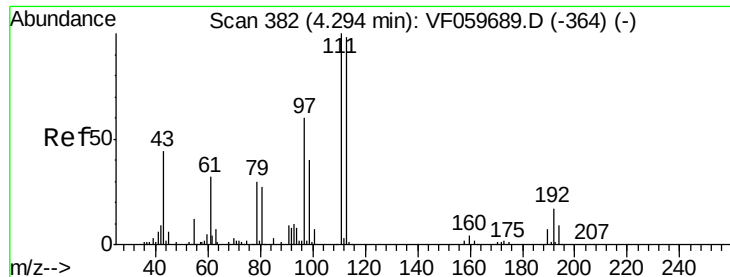
#35  
Dibromofluoromethane  
Concen: 102.70 ug/l  
RT: 4.34 min Scan# 386  
Delta R.T. 0.05 min  
Lab File: VF059761.D  
Acq: 1 Aug 2018 17:55

Tgt Ion:113 Resp: 64  
Ion Ratio Lower Upper  
113 100  
111 0.0 79.0 118.4#  
192 0.0 13.2 19.8#



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: 403.49 ug/l

RT: 4.49 min Scan# 402

Delta R.T. 0.20 min

Lab File: VF059761.D

Acq: 1 Aug 2018 17:55

Instrument :

MSVOA\_F

ClientSampleId :

2018-NYSEG-CLARK-AREA-14-4

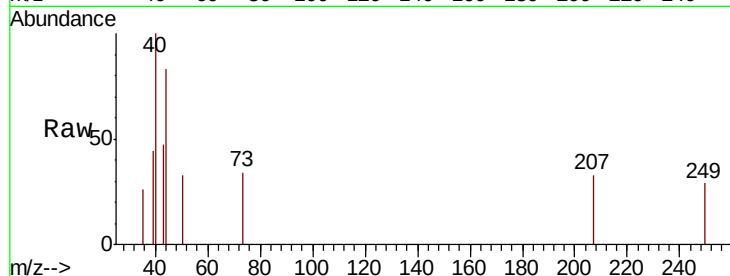
Tot Ion: 43 Resp: 111

Ion Ratio Lower Upper

43 100

61 0.0 58.2 87.2#

70 0.0 6.0 9.0#

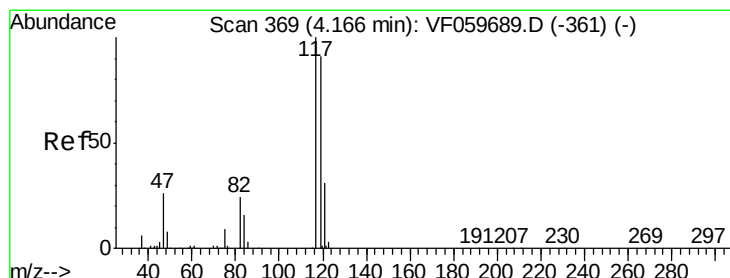
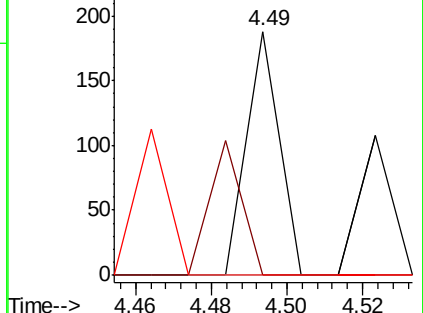
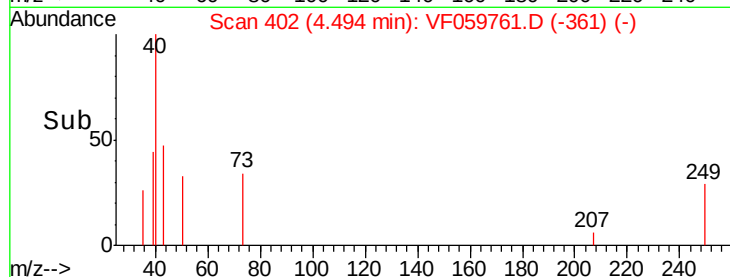


Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 61.00 (60.70 to 61.70): VF0

Ion 70.00 (69.70 to 70.70): VF0

Time-->



#38

Carbon Tetrachloride

Concen: 67.09 ug/l

RT: 4.37 min Scan# 389

Delta R.T. 0.20 min

Lab File: VF059761.D

Acq: 1 Aug 2018 17:55

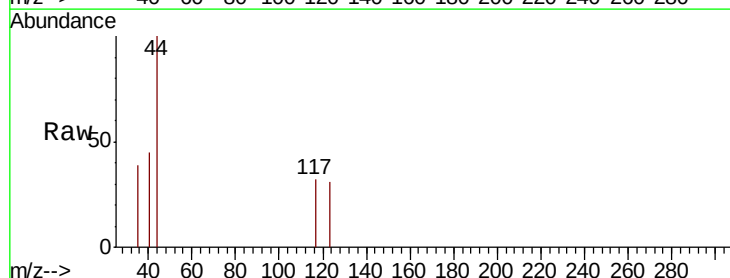
Tgt Ion: 117 Resp: 64

Ion Ratio Lower Upper

117 100

119 0.0 72.9 109.3#

121 0.0 25.0 37.4#

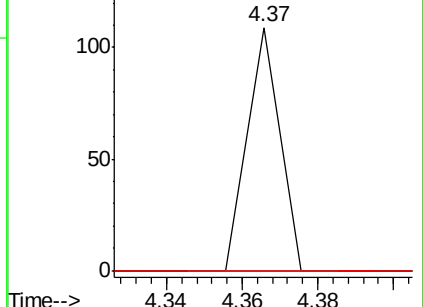
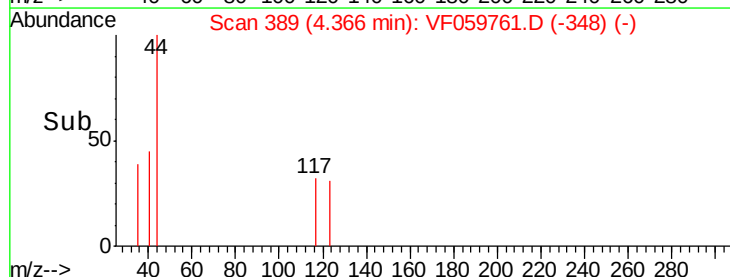


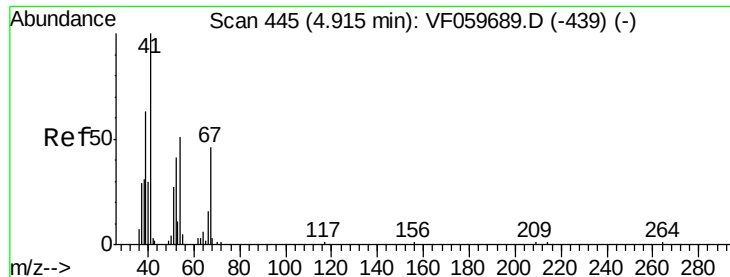
Abundance Ion 117.00 (116.70 to 117.70): V

Ion 119.00 (118.70 to 119.70): V

Ion 121.00 (120.70 to 121.70): V

Time-->

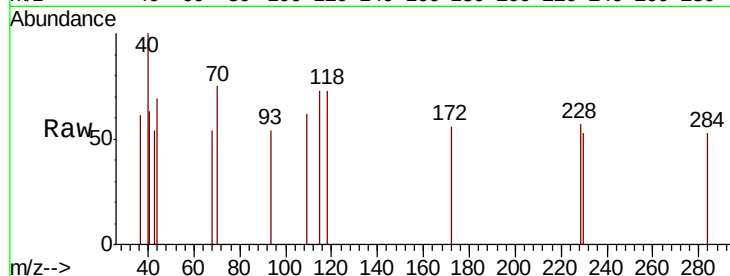




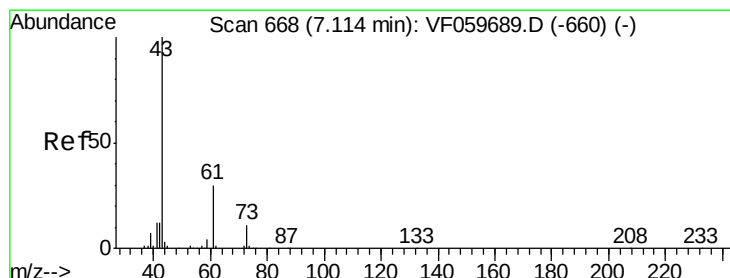
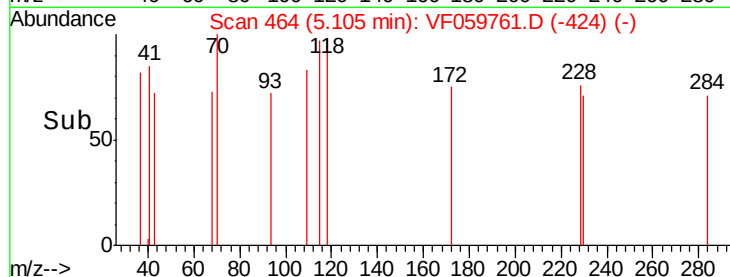
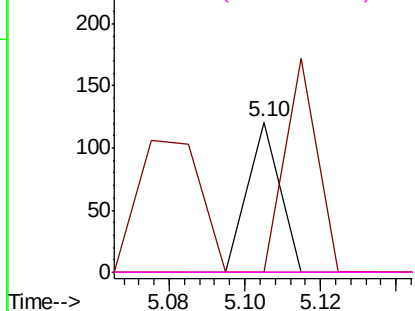
#41  
Methacrylonitrile  
Concen: 502.08 ug/l  
RT: 5.10 min Scan# 464  
Delta R.T. 0.19 min  
Lab File: VF059761.D  
Acq: 1 Aug 2018 17:55

Instrument :  
MSVOA\_F  
ClientSampleId :  
2018-NYSEG-CLARK-AREA-14-4

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 41    | Resp: | 72    |
| Ion      | Ratio | Lower | Upper |
| 41       | 100   |       |       |
| 39       | 0.0   | 55.2  | 82.8# |
| 67       | 0.0   | 36.2  | 54.2# |
| 52       | 0.0   | 37.7  | 56.5# |

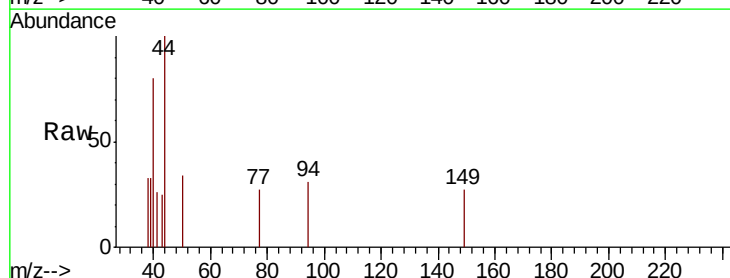


Abundance Ion 41.00 (40.70 to 41.70): VF0  
Ion 39.00 (38.70 to 39.70): VF0  
Ion 67.00 (66.70 to 67.70): VF0  
Ion 52.00 (51.70 to 52.70): VF0

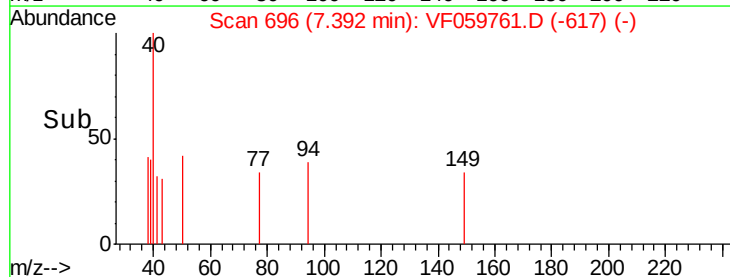
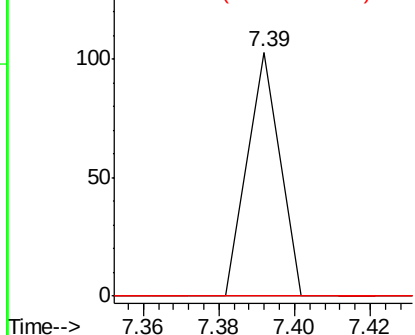


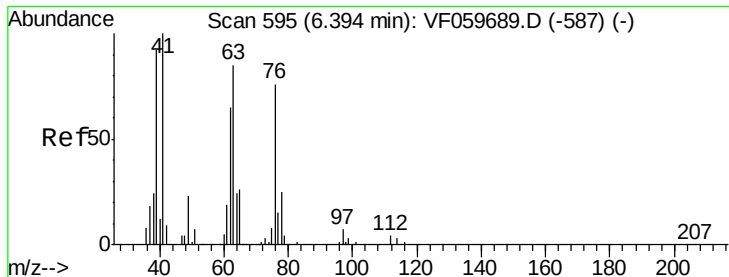
#43  
Isopropyl Acetate  
Concen: 170.02 ug/l  
RT: 7.39 min Scan# 696  
Delta R.T. 0.28 min  
Lab File: VF059761.D  
Acq: 1 Aug 2018 17:55

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 43    | Resp: | 61    |
| Ion      | Ratio | Lower | Upper |
| 43       | 100   |       |       |
| 61       | 0.0   | 23.8  | 35.8# |
| 87       | 0.0   | 0.6   | 1.0#  |



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





#45

1,2-Dichloropropane

Concen: 268.76 ug/l

RT: 6.76 min Scan# 632

Delta R.T. 0.37 min

Lab File: VF059761.D

Acq: 1 Aug 2018 17:55

Instrument :

MSVOA\_F

ClientSampleId :

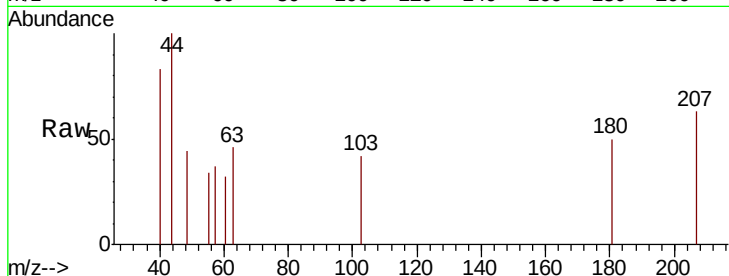
2018-NYSEG-CLARK-AREA-14-4

Tot Ion: 63 Resp: 86

Ion Ratio Lower Upper

63 100

65 0.0 25.2 37.8#



Abundance Ion 63.00 (62.70 to 63.70): VF0

Ion 65.00 (64.70 to 65.70): VF0

6.76

150

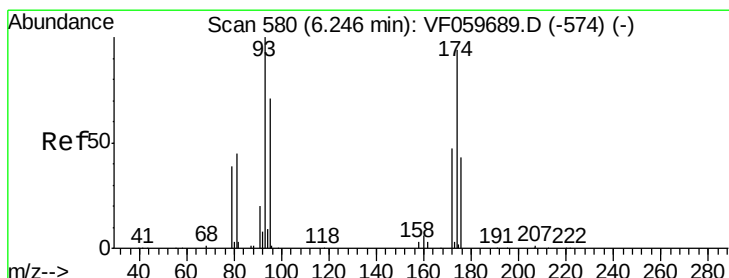
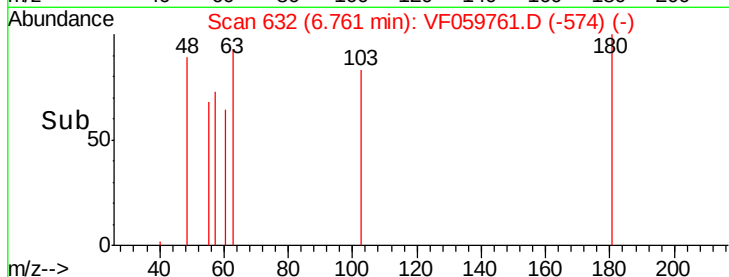
100

50

0

6.74 6.76 6.78

Time-->



#46

Dibromomethane

Concen: 256.75 ug/l

RT: 6.44 min Scan# 599

Delta R.T. 0.19 min

Lab File: VF059761.D

Acq: 1 Aug 2018 17:55

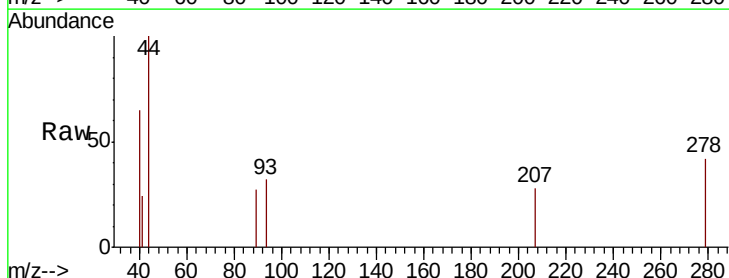
Tgt Ion: 93 Resp: 78

Ion Ratio Lower Upper

93 100

95 0.0 57.1 85.7#

174 0.0 74.8 112.2#



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

150

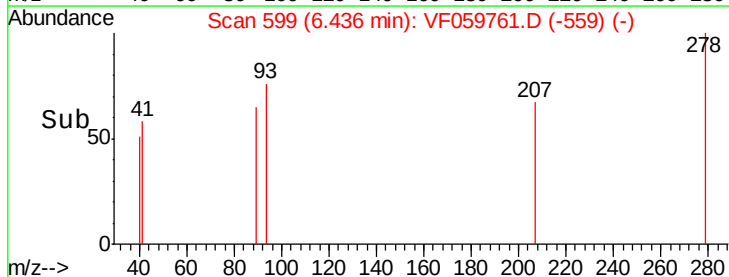
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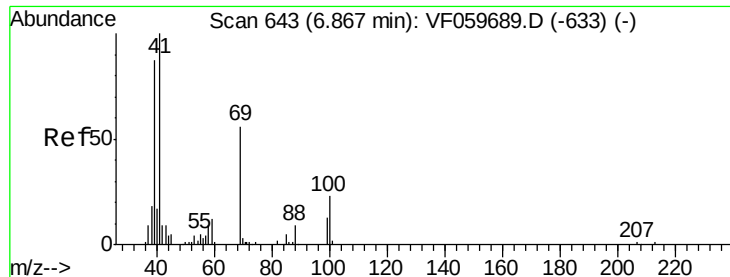
50

0

6.40 6.42 6.44 6.46

Time-->





#48

Methyl methacrylate

Concen: 555.85 ug/l

RT: 7.16 min Scan# 672

Delta R.T. 0.29 min

Lab File: VF059761.D

Acq: 1 Aug 2018 17:55

Instrument :

MSVOA\_F

ClientSampleId :

2018-NYSEG-CLARK-AREA-14-4

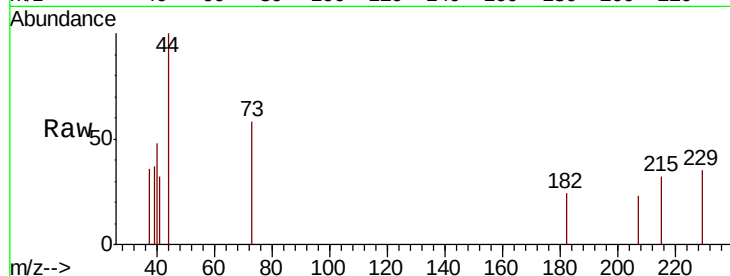
Tot Ion: 41 Resp: 150

Ion Ratio Lower Upper

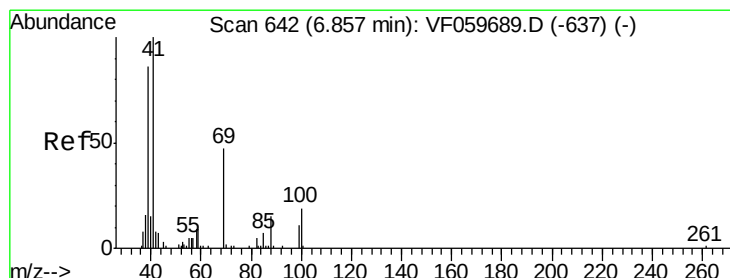
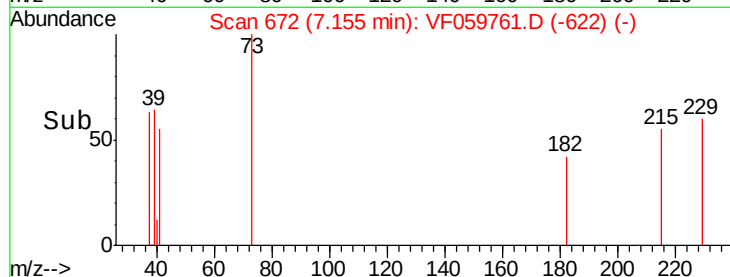
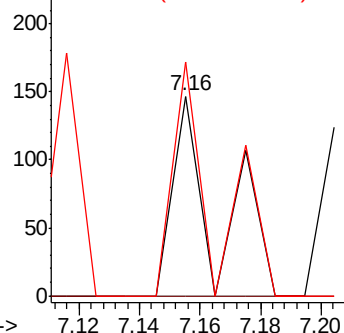
41 100

69 0.0 44.4 66.6#

39 117.0 69.4 104.2#



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: 14039.12 ug/l

RT: 7.11 min Scan# 667

Delta R.T. 0.25 min

Lab File: VF059761.D

Acq: 1 Aug 2018 17:55

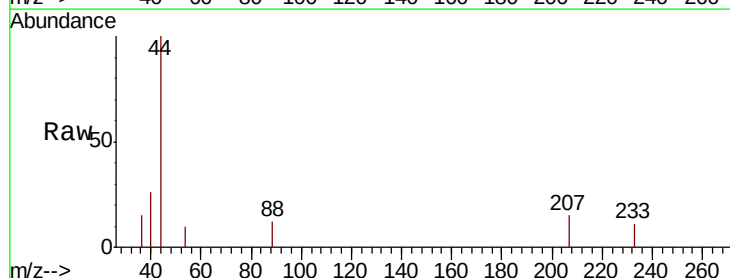
Tgt Ion: 88 Resp: 69

Ion Ratio Lower Upper

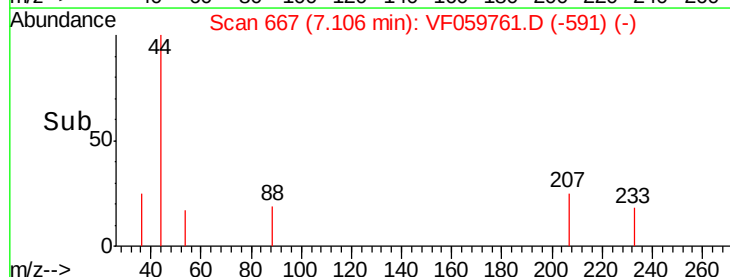
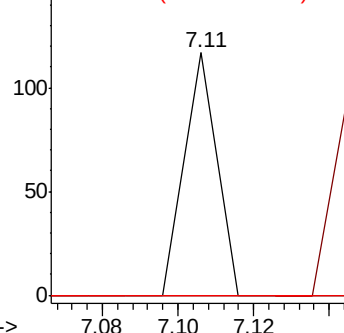
88 100

43 0.0 45.2 67.8#

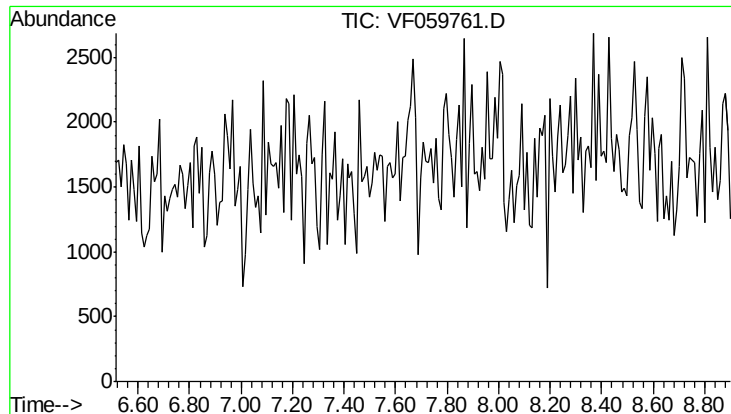
58 0.0 49.0 73.6#



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





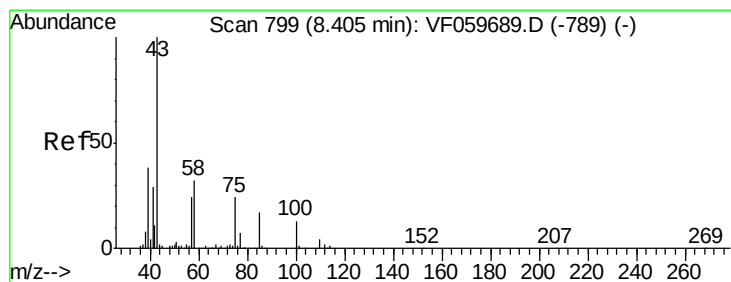
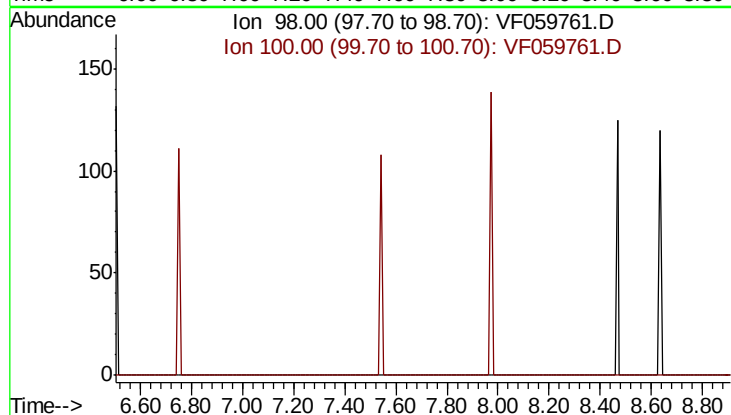


#50  
Toluene-d8  
Concen: 0.00 ug/l  
Expected RT: 7.71 min

Lab File: VF059761.D  
Acq: 1 Aug 2018 17:55

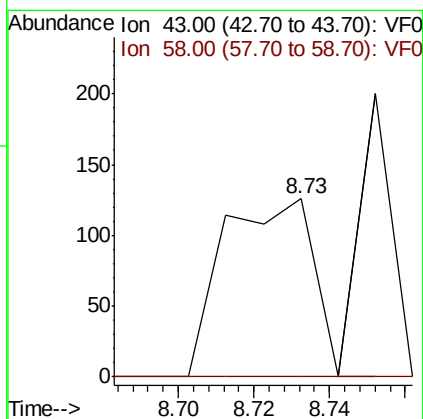
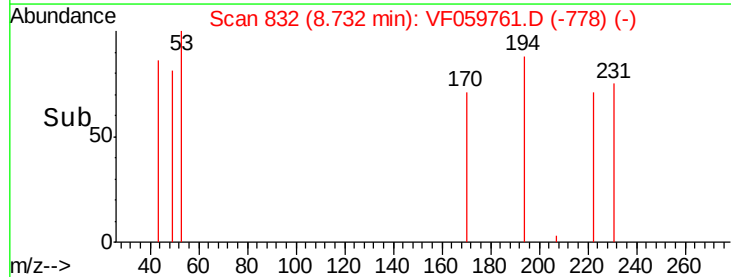
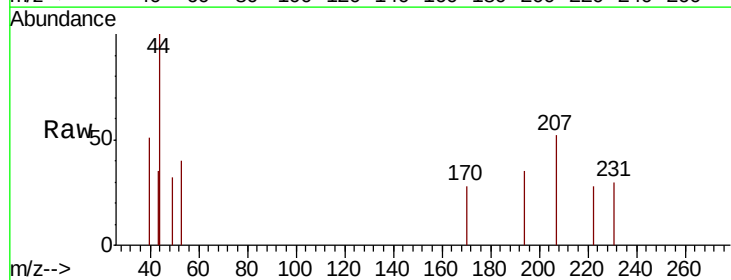
Instrument :  
MSVOA\_F  
ClientSampleId :  
2018-NYSEG-CLARK-AREA-14-4

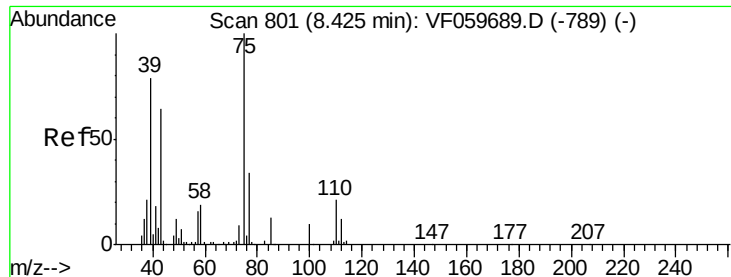
Tot Ion: 98  
Sig Exp Ratio  
98 100  
100 66.0



#51  
4-Methyl-2-Pentanone  
Concen: 754.81 ug/l  
RT: 8.73 min Scan# 832  
Delta R.T. 0.33 min  
Lab File: VF059761.D  
Acq: 1 Aug 2018 17:55

Tgt Ion: 43 Resp: 206  
Ion Ratio Lower Upper  
43 100  
58 0.0 25.9 38.9#





#53

t-1,3-Dichloropropene

Concen: 87.76 ug/l

RT: 8.72 min Scan# 831

Delta R.T. 0.30 min

Lab File: VF059761.D

Acq: 1 Aug 2018 17:55

Instrument :

MSVOA\_F

ClientSampleId :

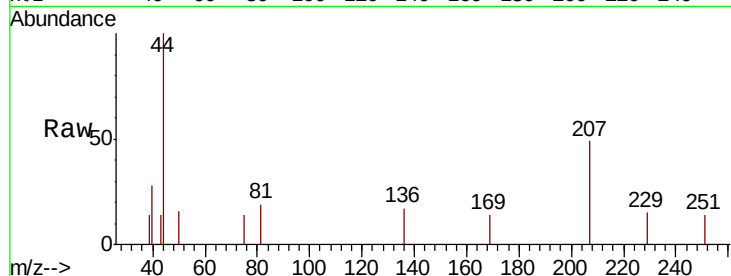
2018-NYSEG-CLARK-AREA-14-4

Tot Ion: 75 Resp: 63

Ion Ratio Lower Upper

75 100

77 0.0 27.0 40.4#



Abundance Ion 75.00 (74.70 to 75.70): VF0

Ion 77.00 (76.70 to 77.70): VF0

150

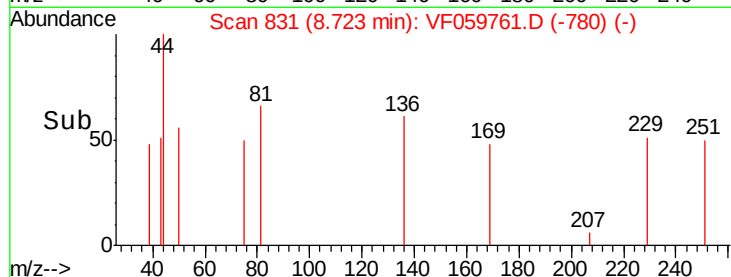
100

50

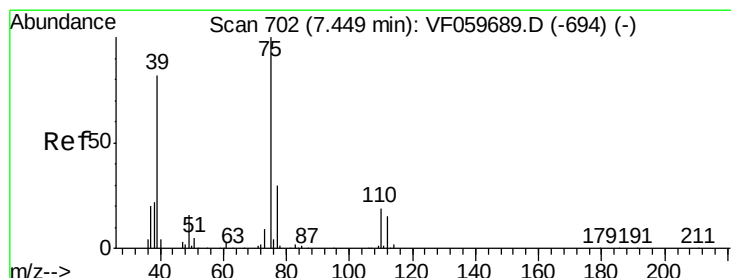
0

8.70 8.72 8.74

8.72



Time-->



#54

cis-1,3-Dichloropropene

Concen: 130.87 ug/l

RT: 7.81 min Scan# 738

Delta R.T. 0.36 min

Lab File: VF059761.D

Acq: 1 Aug 2018 17:55

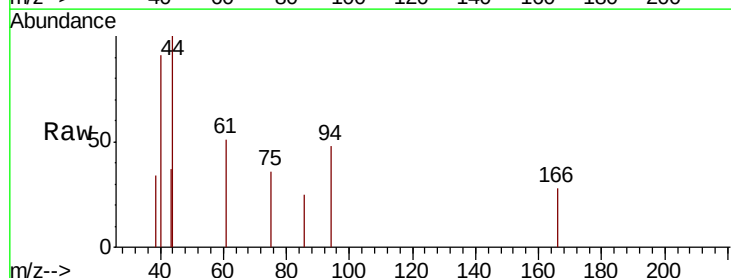
Tgt Ion: 75 Resp: 91

Ion Ratio Lower Upper

75 100

77 0.0 24.0 36.0#

39 0.0 65.4 98.2#



Abundance Ion 75.00 (74.70 to 75.70): VF0

Ion 77.00 (76.70 to 77.70): VF0

Ion 39.00 (38.70 to 39.70): VF0

200

150

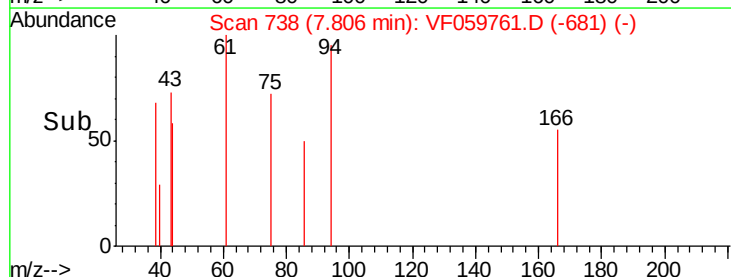
100

50

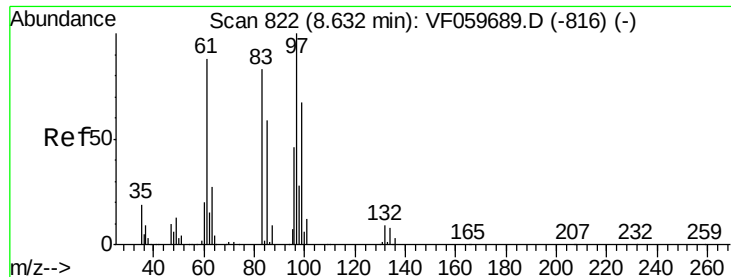
0

7.78 7.80 7.82

7.81



Time-->



#55

1,1,2-Trichloroethane

Concen: 770.96 ug/l

RT: 9.08 min Scan# 867

Delta R.T. 0.45 min

Lab File: VF059761.D

Acq: 1 Aug 2018 17:55

Instrument :

MSVOA\_F

ClientSampleId :

2018-NYSEG-CLARK-AREA-14-4

Tot Ion: 97 Resp: 253

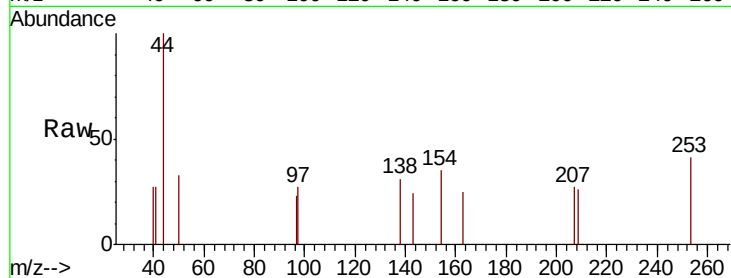
Ion Ratio Lower Upper

97 100

83 0.0 66.6 100.0#

85 0.0 47.4 71.0#

99 0.0 53.2 79.8#

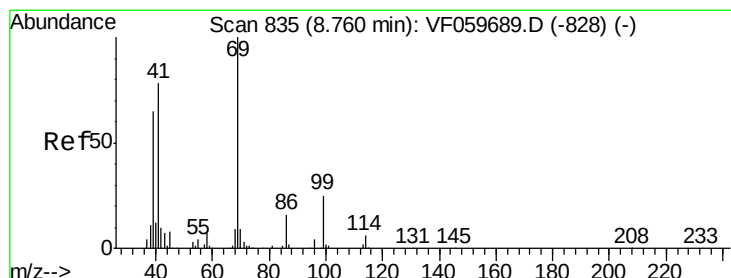
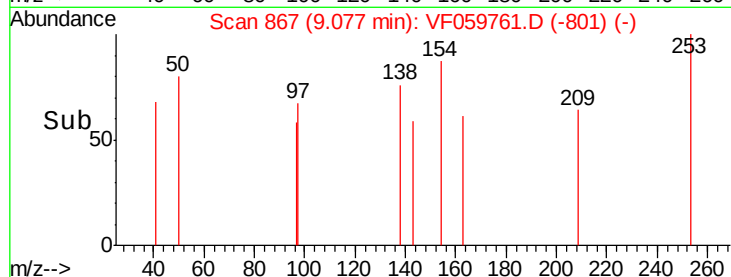
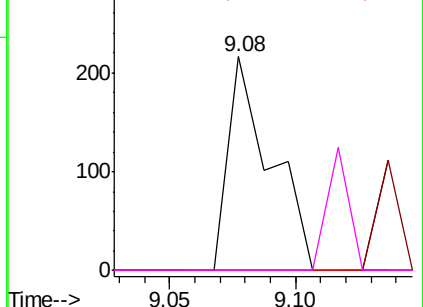


Abundance Ion 97.00 (96.70 to 97.70): VF0

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



#56

Ethyl methacrylate

Concen: 222.07 ug/l

RT: 9.12 min Scan# 871

Delta R.T. 0.36 min

Lab File: VF059761.D

Acq: 1 Aug 2018 17:55

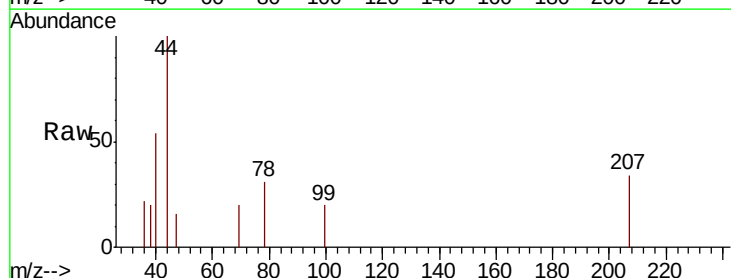
Tgt Ion: 69 Resp: 76

Ion Ratio Lower Upper

69 100

41 0.0 62.3 93.5#

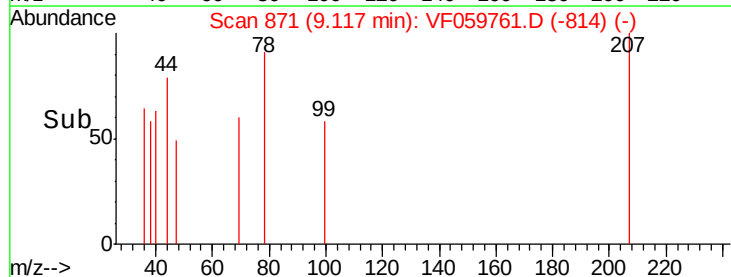
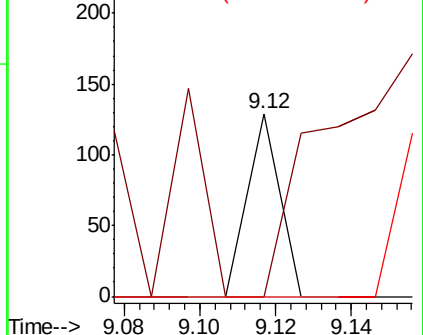
39 0.0 52.4 78.6#

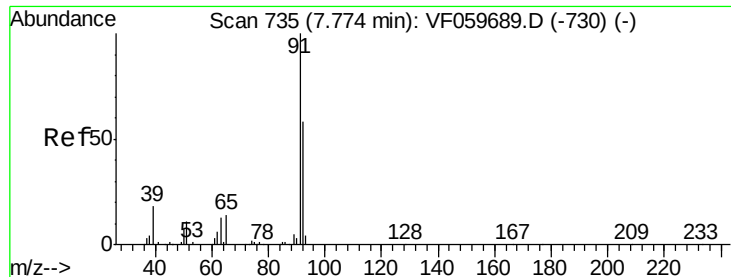


Abundance Ion 69.00 (68.70 to 69.70): VF0

Ion 41.00 (40.70 to 41.70): VF0

Ion 39.00 (38.70 to 39.70): VF0

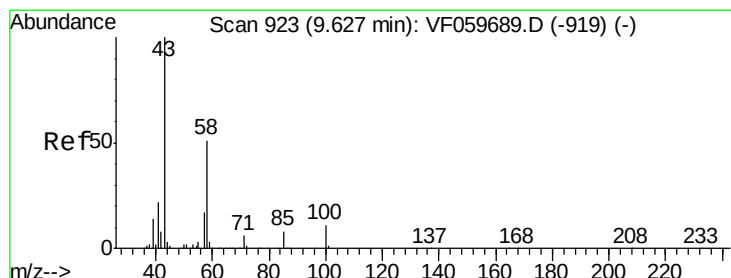
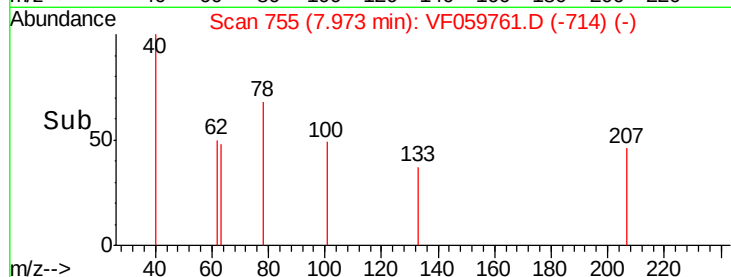
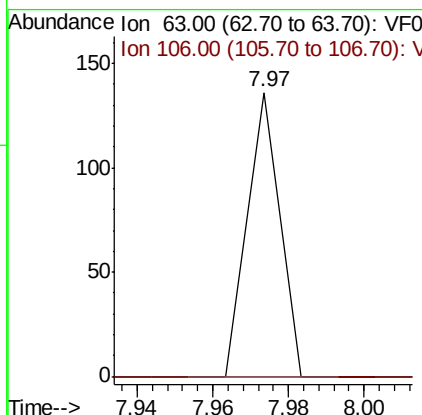
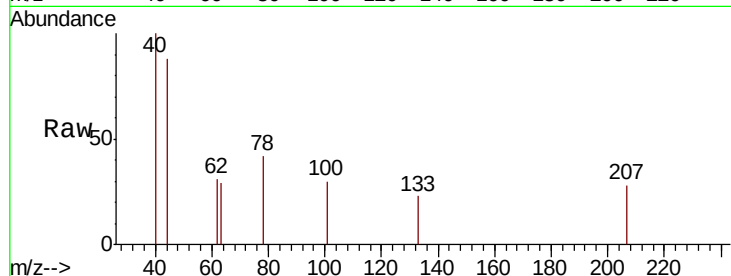




#58  
 2-Chloroethyl Vinyl ether  
 Concen: 2024.62 ug/l  
 RT: 7.97 min Scan# 755  
 Delta R.T. 0.20 min  
 Lab File: VF059761.D  
 Acq: 1 Aug 2018 17:55

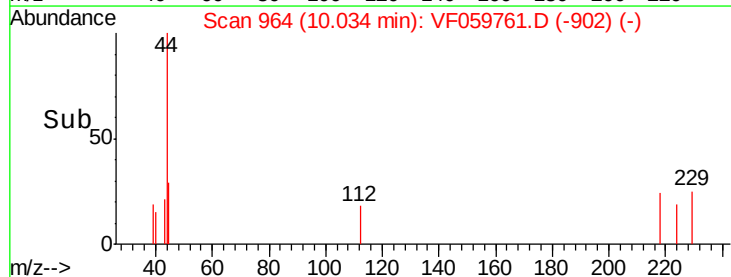
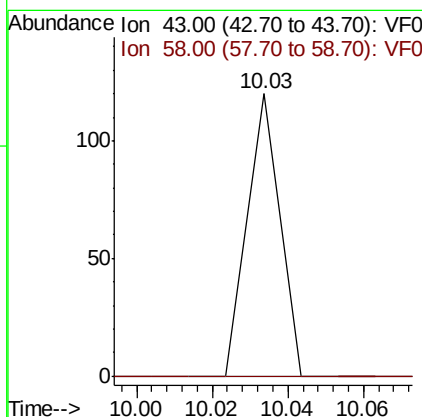
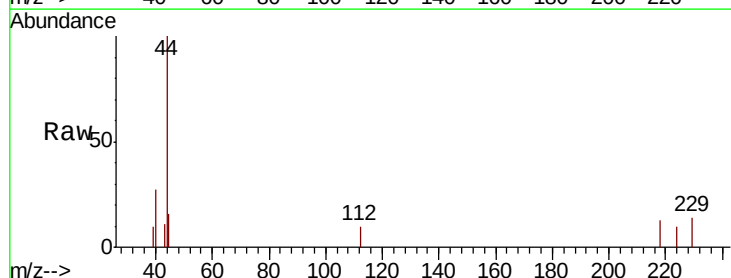
Instrument :  
 MSVOA\_F  
 ClientSampleId :  
 2018-NYSEG-CLARK-AREA-14-4

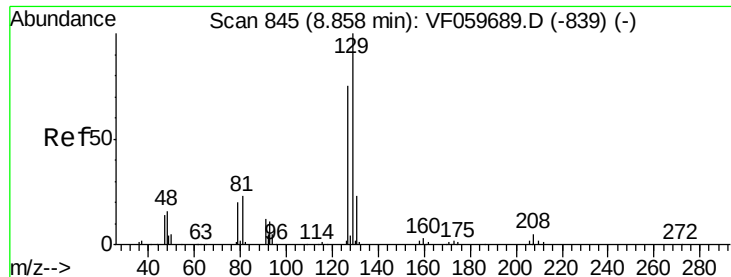
Tot Ion: 63 Resp: 80  
 Ion Ratio Lower Upper  
 63 100  
 106 0.0 0.0 0.0



#59  
 2-Hexanone  
 Concen: 324.64 ug/l  
 RT: 10.03 min Scan# 964  
 Delta R.T. 0.41 min  
 Lab File: VF059761.D  
 Acq: 1 Aug 2018 17:55

Tgt Ion: 43 Resp: 71  
 Ion Ratio Lower Upper  
 43 100  
 58 0.0 23.3 69.8#





#60

Dibromochloromethane

Concen: 150.24 ug/l

RT: 9.18 min Scan# 877

Delta R.T. 0.32 min

Lab File: VF059761.D

Acq: 1 Aug 2018 17:55

Instrument :

MSVOA\_F

ClientSampleId :

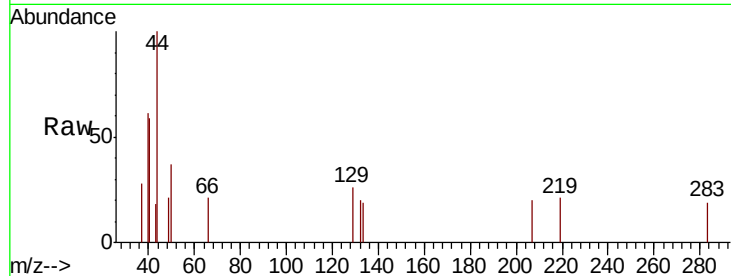
2018-NYSEG-CLARK-AREA-14-4

Tot Ion:129 Resp: 87

Ion Ratio Lower Upper

129 100

127 0.0 37.7 113.1#



Abundance Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V

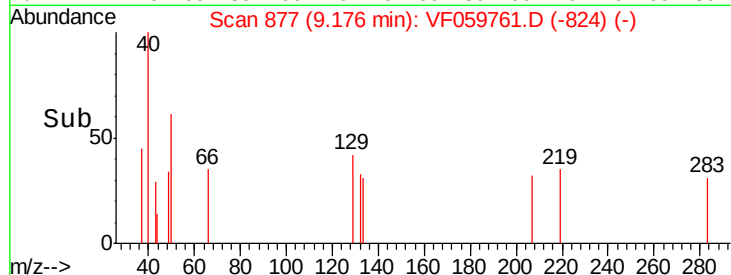
150

100

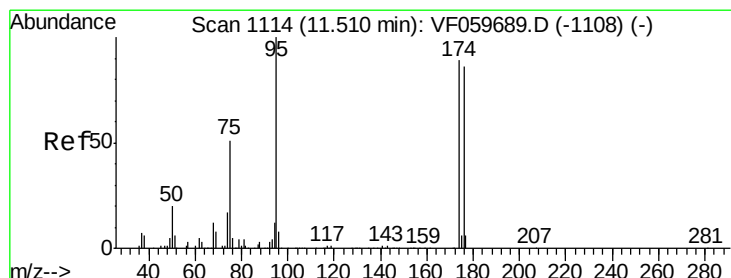
50

0

9.14 9.16 9.18 9.20



Time-->



#62

4-Bromofluorobenzene

Concen: 75.82 ug/l

RT: 12.09 min Scan# 1173

Delta R.T. 0.58 min

Lab File: VF059761.D

Acq: 1 Aug 2018 17:55

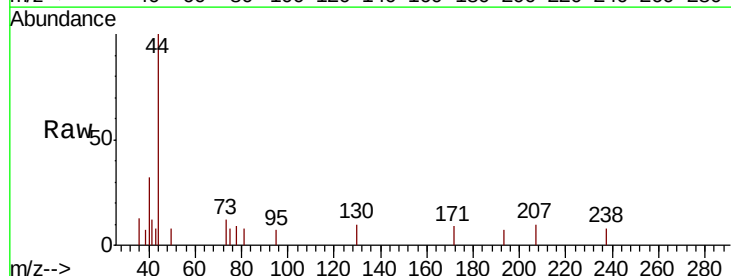
Tgt Ion: 95 Resp: 61

Ion Ratio Lower Upper

95 100

174 0.0 0.0 178.4

176 0.0 0.0 173.0



Abundance Ion 95.00 (94.70 to 95.70): VF0

Ion 174.00 (173.70 to 174.70): V

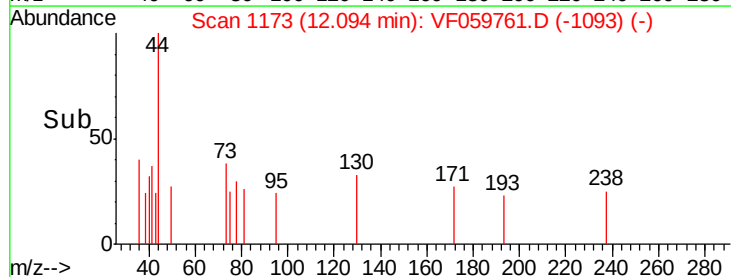
Ion 176.00 (175.70 to 176.70): V

100

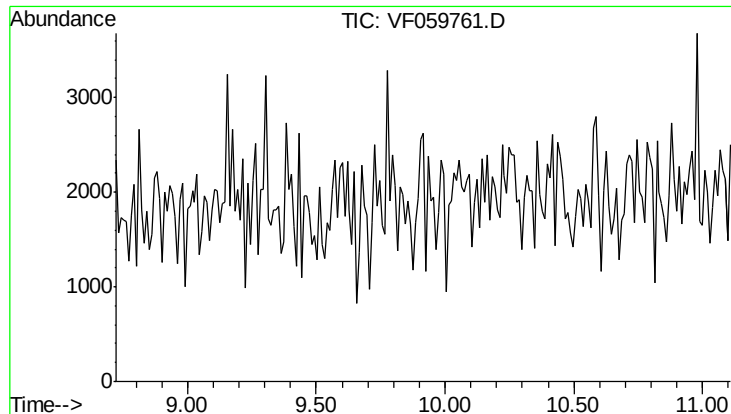
50

0

12.06 12.08 12.10 12.12



Time-->

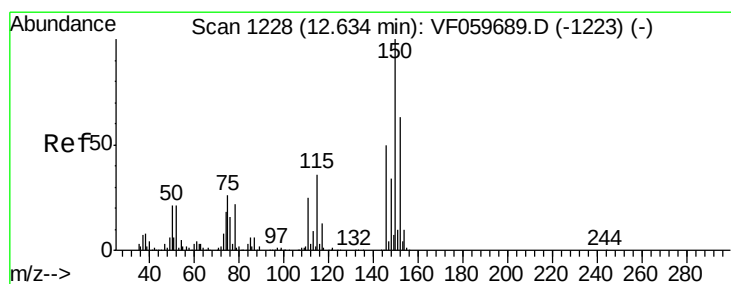
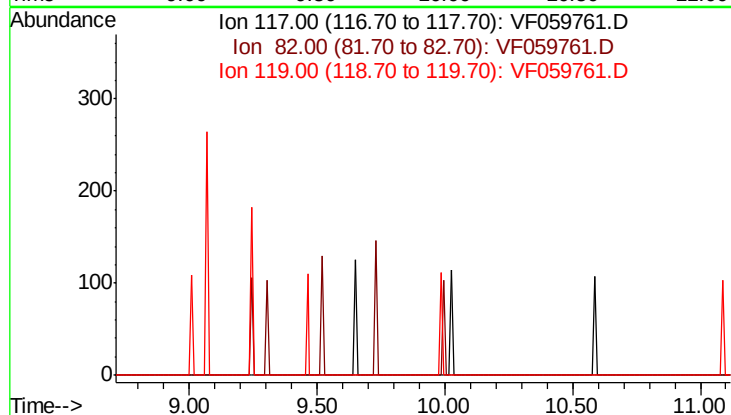


#63  
 Chlorobenzene-d5  
 Concen: 0.00 ug/l  
 Expected RT: 9.91 min

Lab File: VF059761.D  
 Acq: 1 Aug 2018 17:55

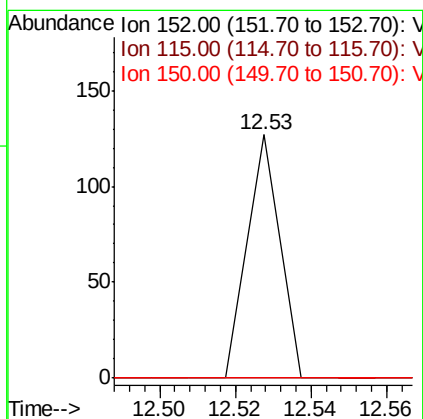
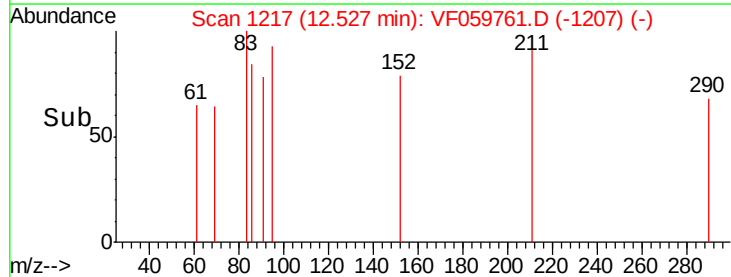
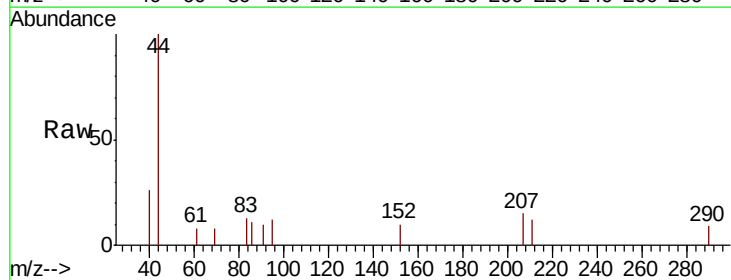
Instrument :  
 MSVOA\_F  
 ClientSampleId :  
 2018-NYSEG-CLARK-AREA-14-4

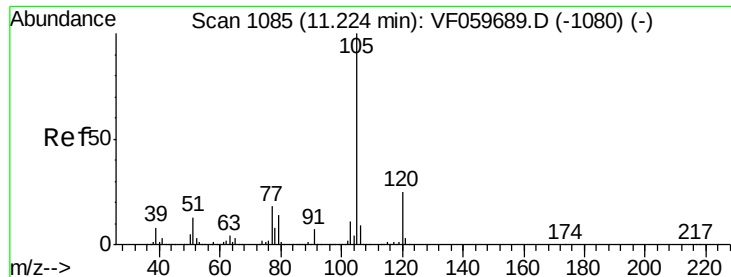
Tot Ion: 117  
 Sig Exp Ratio  
 117 100  
 82 61.2  
 119 34.1



#72  
 1,4-Dichlorobenzene-d4  
 Concen: 50.00 ug/l  
 RT: 12.53 min Scan# 1217  
 Delta R.T. -0.11 min  
 Lab File: VF059761.D  
 Acq: 1 Aug 2018 17:55

Tgt Ion: 152 Resp: 75  
 Ion Ratio Lower Upper  
 152 100  
 115 0.0 28.2 84.6#  
 150 0.0 0.0 316.2





#73

Isopropylbenzene

Concen: 16.87 ug/l

RT: 11.05 min Scan# 1067

Delta R.T. -0.18 min

Lab File: VF059761.D

Acq: 1 Aug 2018 17:55

Instrument :

MSVOA\_F

ClientSampleId :

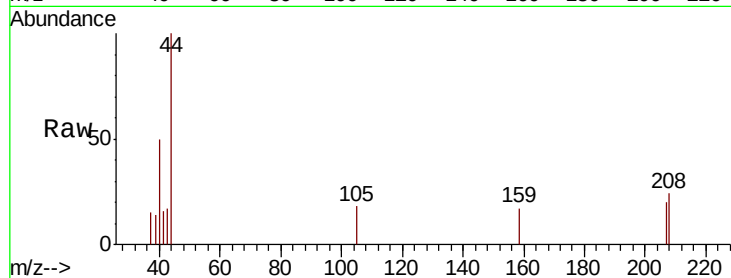
2018-NYSEG-CLARK-AREA-14-4

Tot Ion:105 Resp: 83

Ion Ratio Lower Upper

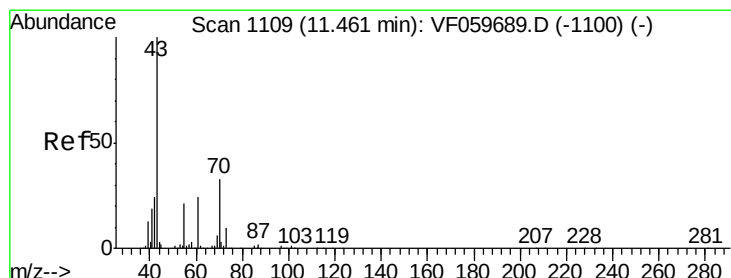
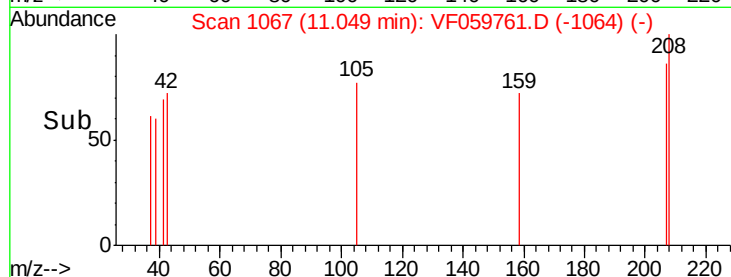
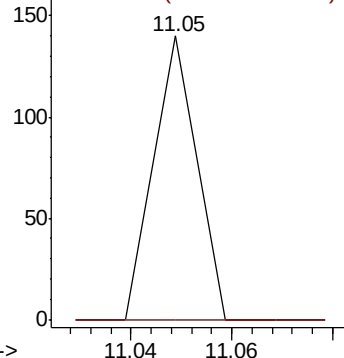
105 100

120 0.0 12.4 37.4#



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 69.27 ug/l

RT: 11.44 min Scan# 1107

Delta R.T. -0.02 min

Lab File: VF059761.D

Acq: 1 Aug 2018 17:55

Tgt Ion: 43 Resp: 86

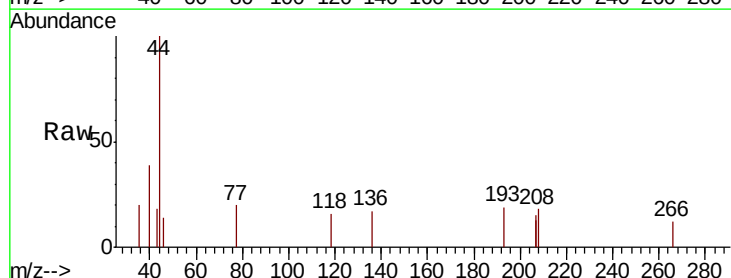
Ion Ratio Lower Upper

43 100

70 0.0 26.3 39.5#

55 0.0 16.6 25.0#

61 0.0 19.1 28.7#

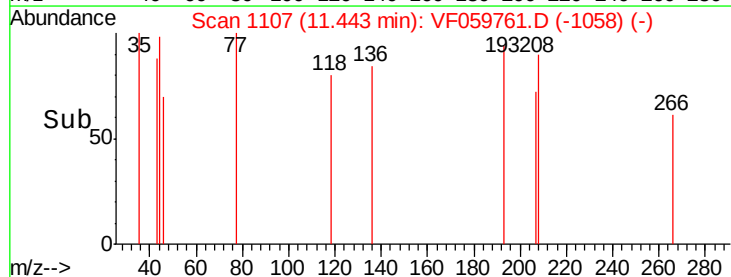
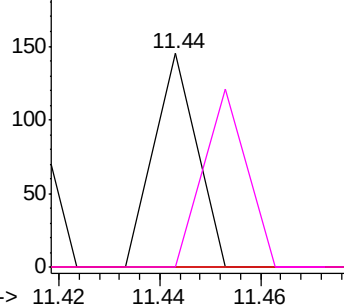


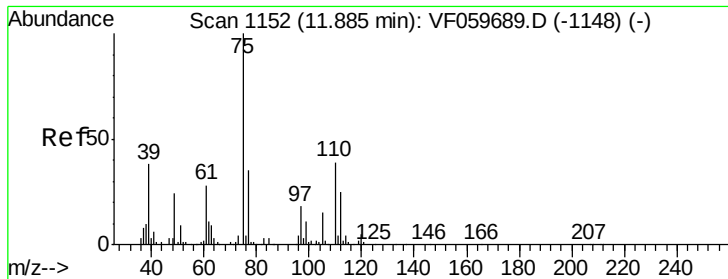
Abundance Ion 43.00 (42.70 to 43.70): VF0

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: 76.17 ug/l

RT: 11.95 min Scan# 1158

Delta R.T. 0.06 min

Lab File: VF059761.D

Acq: 1 Aug 2018 17:55

Instrument :

MSVOA\_F

ClientSampleId :

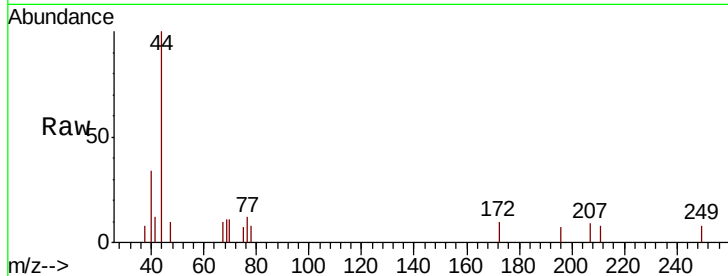
2018-NYSEG-CLARK-AREA-14-4

Tot Ion: 75 Resp: 60

Ion Ratio Lower Upper

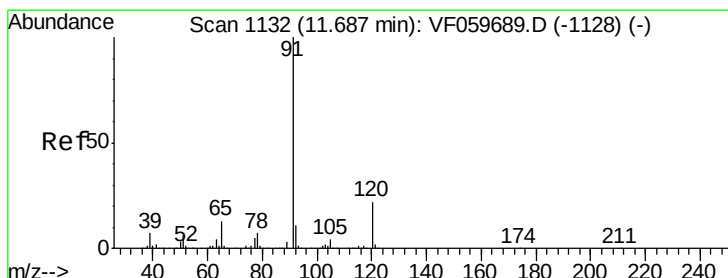
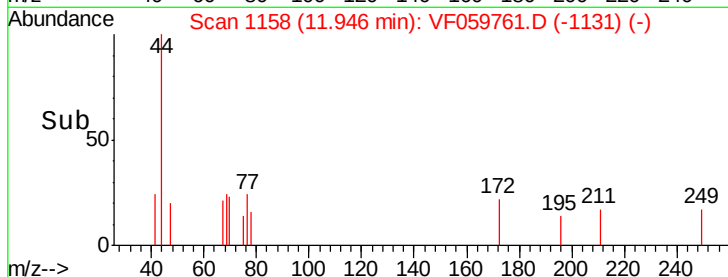
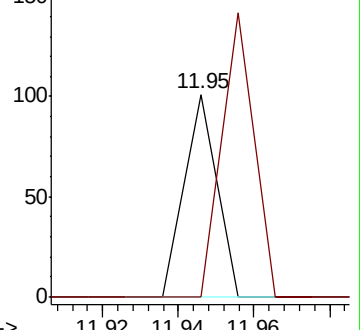
75 100

77 0.0 18.0 54.0#



Abundance Ion 75.00 (74.70 to 75.70): VF0

Ion 77.00 (76.70 to 77.70): VF0



#78

n-propylbenzene

Concen: 13.82 ug/l

RT: 11.84 min Scan# 1147

Delta R.T. 0.15 min

Lab File: VF059761.D

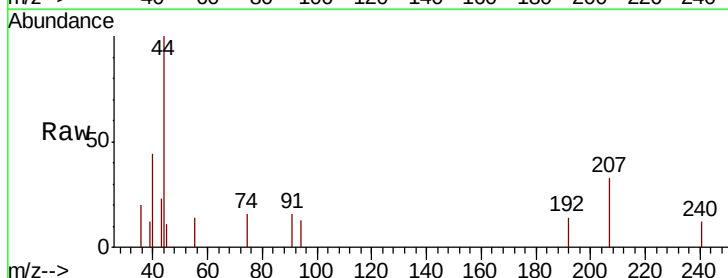
Acq: 1 Aug 2018 17:55

Tgt Ion: 91 Resp: 88

Ion Ratio Lower Upper

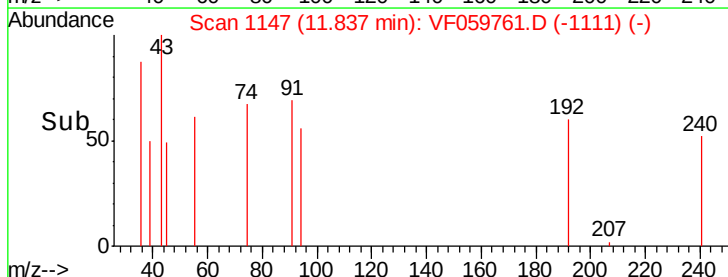
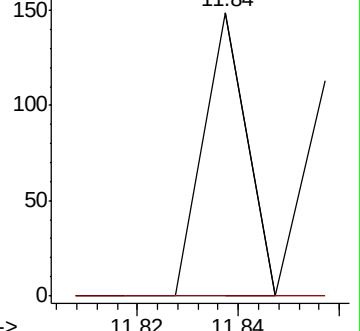
91 100

120 0.0 11.0 33.0#

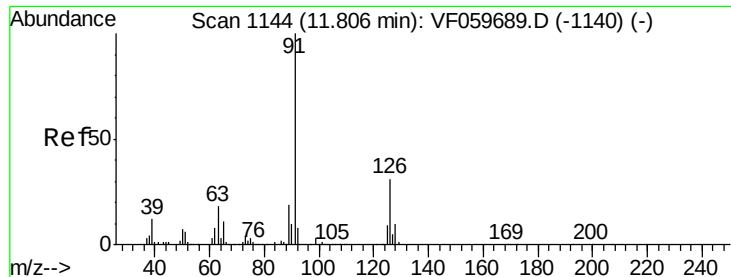


Abundance Ion 91.00 (90.70 to 91.70): VF0

Ion 120.00 (119.70 to 120.70): V







#79

2-Chlorotoluene

Concen: 48.71 ug/l

RT: 11.84 min Scan# 1147

Delta R.T. 0.03 min

Lab File: VF059761.D

Acq: 1 Aug 2018 17:55

Instrument :

MSVOA\_F

ClientSampleId :

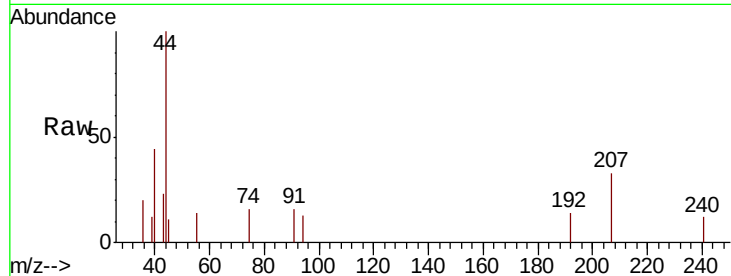
2018-NYSEG-CLARK-AREA-14-4

Tot Ion: 91 Resp: 155

Ion Ratio Lower Upper

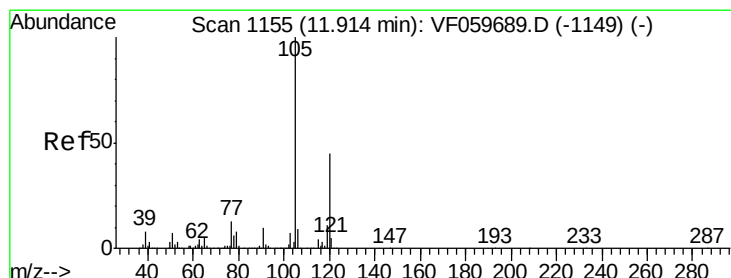
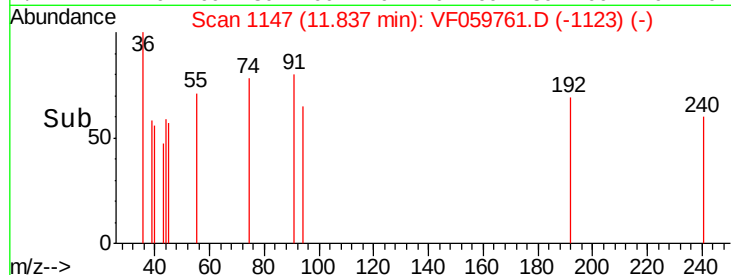
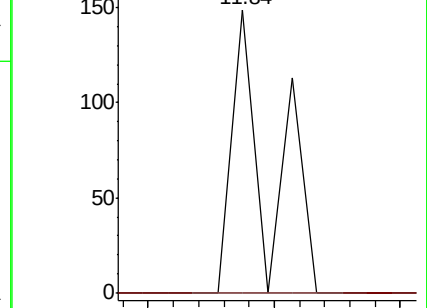
91 100

126 0.0 15.4 46.2#



Abundance Ion 91.00 (90.70 to 91.70): VF0

Ion 126.00 (125.70 to 126.70): V



#80

1,3,5-Trimethylbenzene

Concen: 14.52 ug/l

RT: 11.93 min Scan# 1156

Delta R.T. 0.01 min

Lab File: VF059761.D

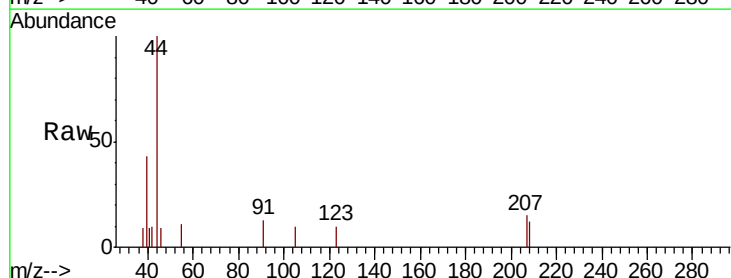
Acq: 1 Aug 2018 17:55

Tgt Ion:105 Resp: 70

Ion Ratio Lower Upper

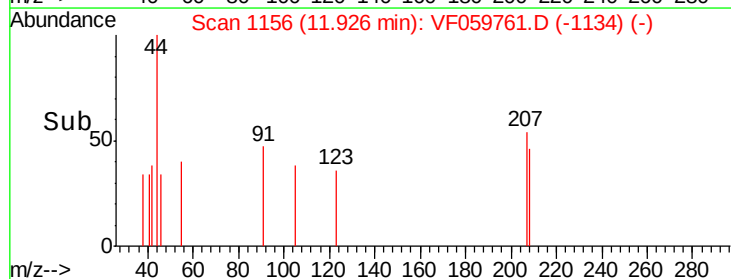
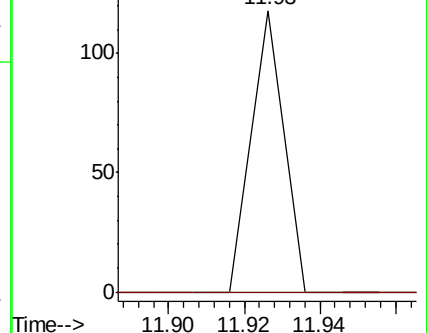
105 100

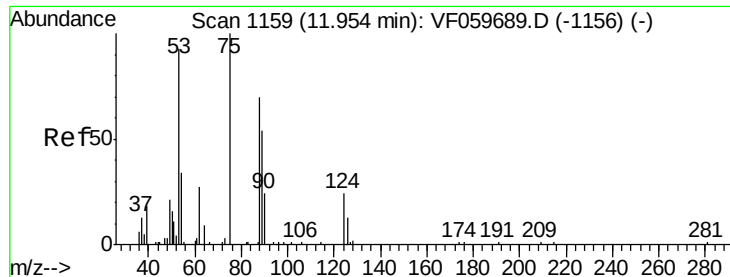
120 0.0 22.7 68.0#



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 183.93 ug/l

RT: 11.95 min Scan# 1158

Delta R.T. -0.01 min

Lab File: VF059761.D

Acq: 1 Aug 2018 17:55

Instrument :

MSVOA\_F

ClientSampleId :

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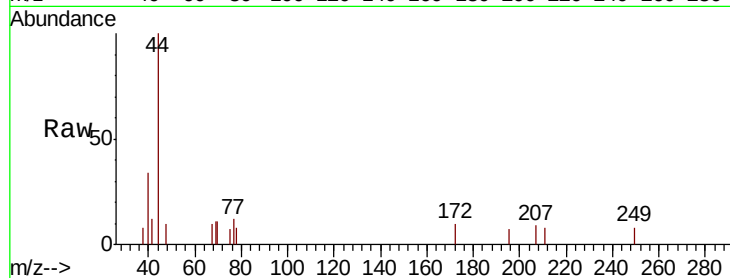
Tot Ion: 75 Resp: 60

Ion Ratio Lower Upper

75 100

53 0.0 78.3 117.5#

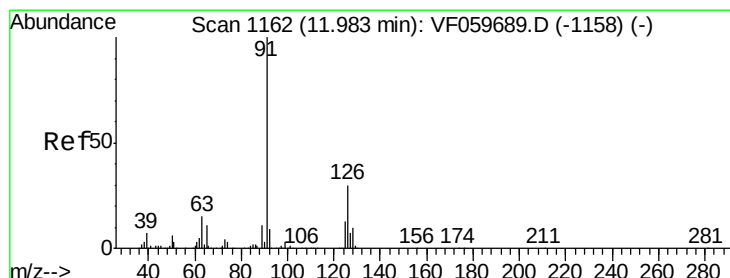
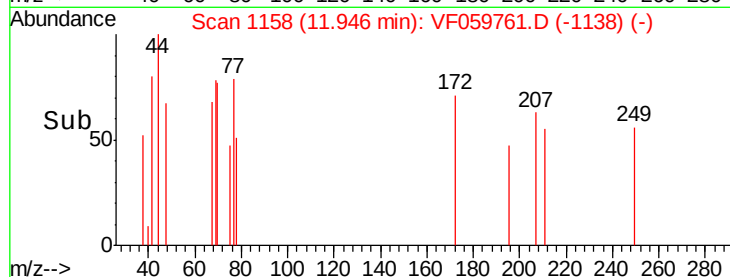
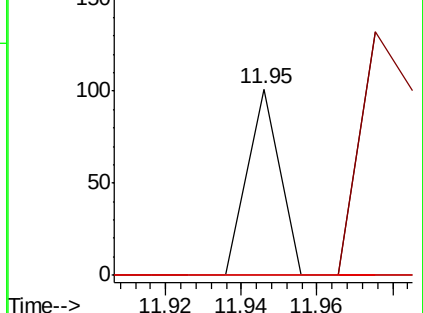
89 0.0 45.4 68.2#



Abundance Ion 75.00 (74.70 to 75.70): VF0

Ion 53.00 (52.70 to 53.70): VF0

Ion 89.00 (88.70 to 89.70): VF0



#82

4-Chlorotoluene

Concen: 23.53 ug/l

RT: 11.93 min Scan# 1156

Delta R.T. -0.06 min

Lab File: VF059761.D

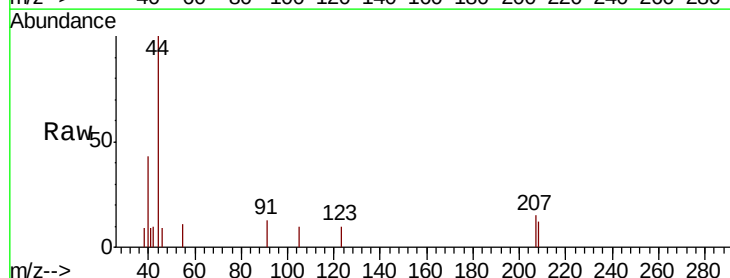
Acq: 1 Aug 2018 17:55

Tgt Ion: 91 Resp: 87

Ion Ratio Lower Upper

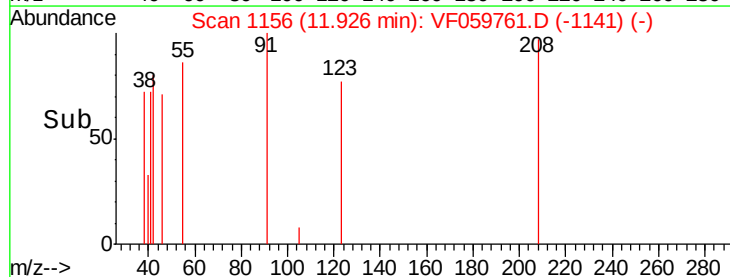
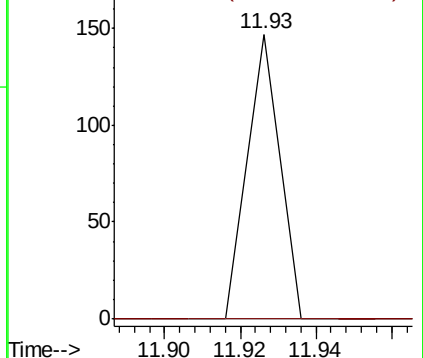
91 100

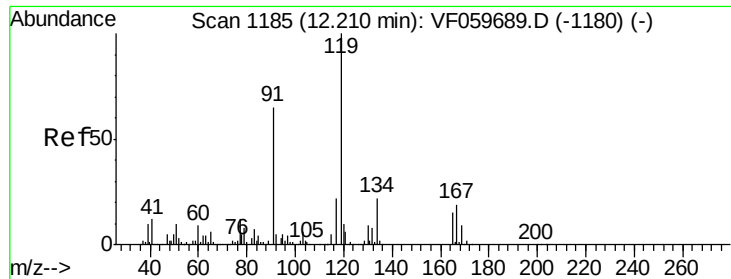
126 0.0 15.2 45.6#



Abundance Ion 91.00 (90.70 to 91.70): VF0

Ion 126.00 (125.70 to 126.70): V

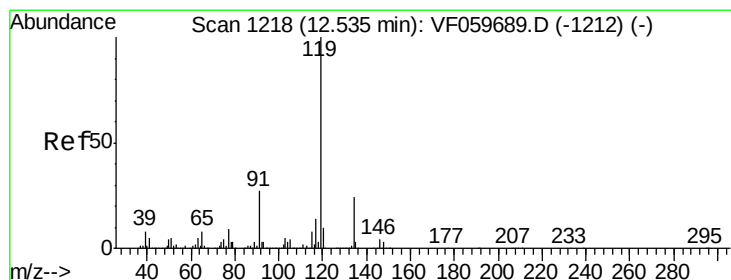
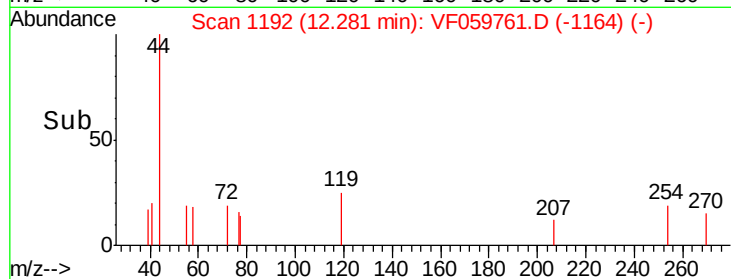
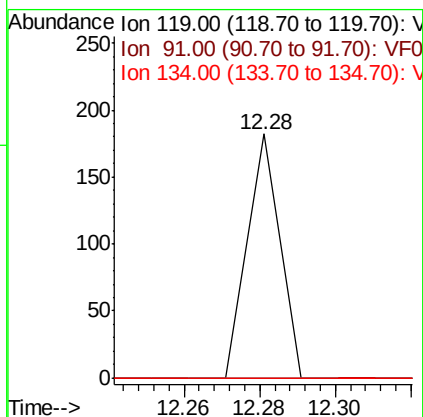
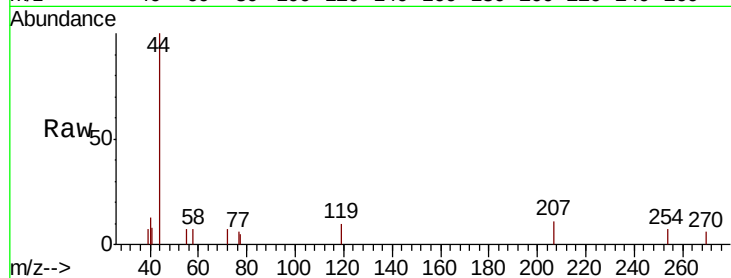




#83  
 tert-Butylbenzene  
 Concen: 24.45 ug/l  
 RT: 12.28 min Scan# 1192  
 Delta R.T. 0.07 min  
 Lab File: VF059761.D  
 Acq: 1 Aug 2018 17:55

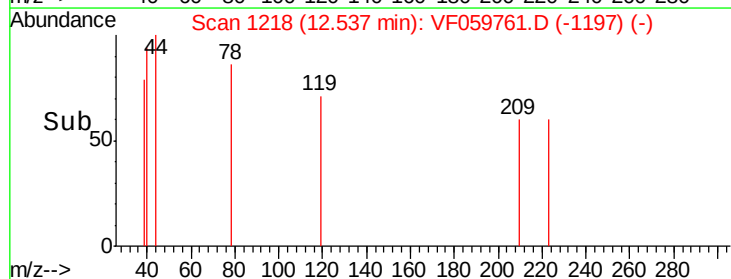
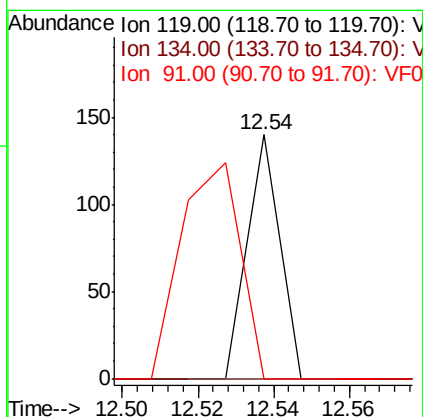
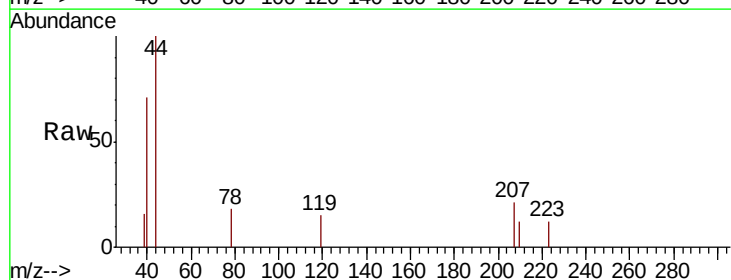
Instrument :  
 MSVOA\_F  
 ClientSampleId :  
 2018-NYSEG-CLARK-AREA-14-4

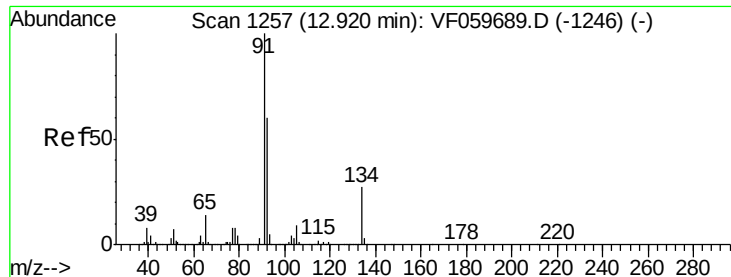
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 119     | 100   |       |       |
| 91      | 0.0   | 32.8  | 98.4# |
| 134     | 0.0   | 10.9  | 32.7# |



#86  
 p-Isopropyltoluene  
 Concen: 15.03 ug/l  
 RT: 12.54 min Scan# 1218  
 Delta R.T. 0.00 min  
 Lab File: VF059761.D  
 Acq: 1 Aug 2018 17:55

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 119     | 100   |       |       |
| 134     | 0.0   | 12.2  | 36.6# |
| 91      | 0.0   | 13.4  | 40.2# |





#89

n-Butylbenzene

Concen: 11.44 ug/l

RT: 13.00 min Scan# 1265

Delta R.T. 0.08 min

Lab File: VF059761.D

Acq: 1 Aug 2018 17:55

Instrument :

MSVOA\_F

ClientSampleId :

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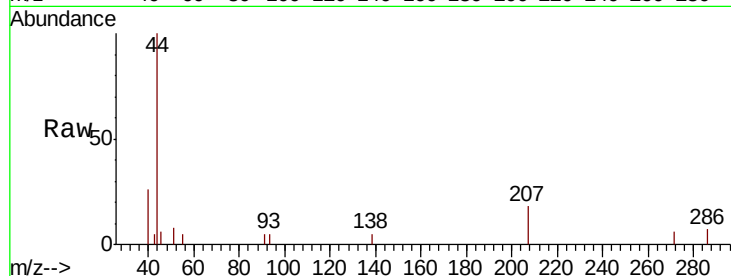
Tot Ion: 91 Resp: 66

Ion Ratio Lower Upper

91 100

92 0.0 30.1 90.3#

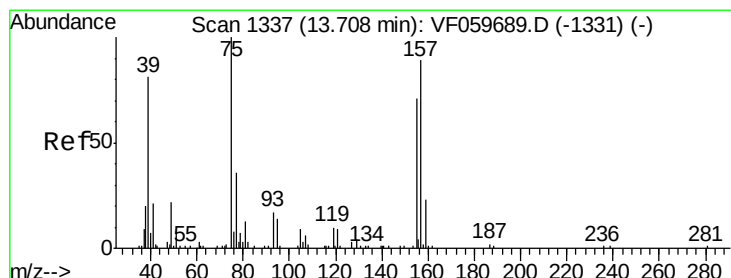
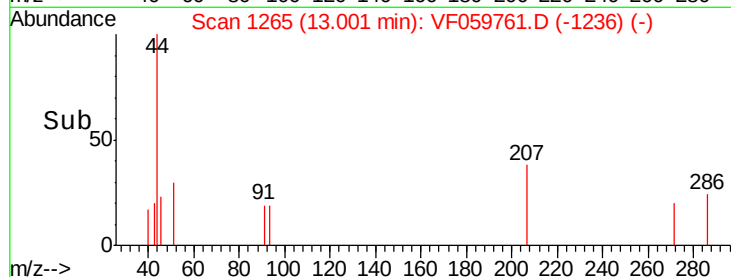
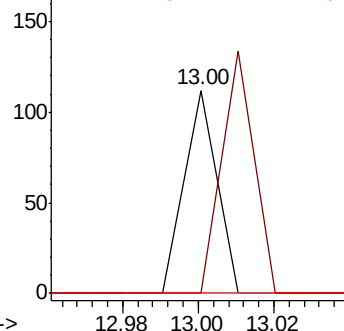
134 0.0 13.7 41.0#



Abundance Ion 91.00 (90.70 to 91.70): VF0

Ion 92.00 (91.70 to 92.70): VF0

Ion 134.00 (133.70 to 134.70): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 454.84 ug/l

RT: 13.78 min Scan# 1344

Delta R.T. 0.07 min

Lab File: VF059761.D

Acq: 1 Aug 2018 17:55

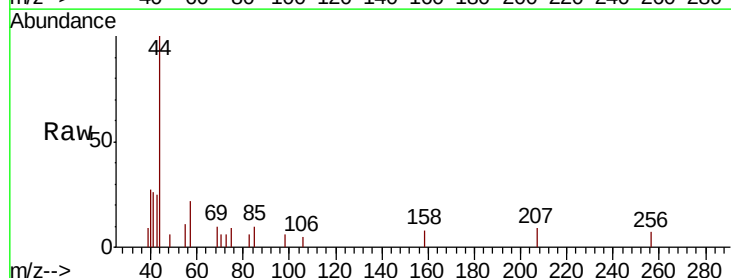
Tgt Ion: 75 Resp: 103

Ion Ratio Lower Upper

75 100

155 0.0 35.4 106.2#

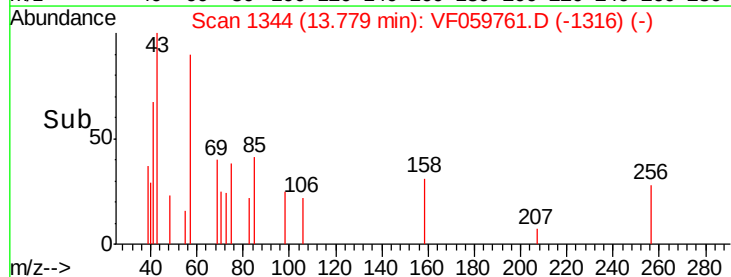
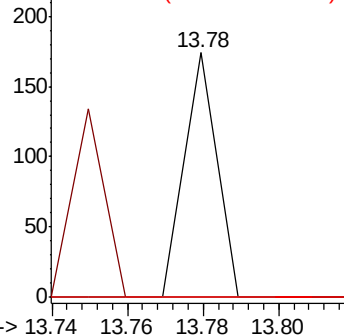
157 0.0 44.4 133.2#

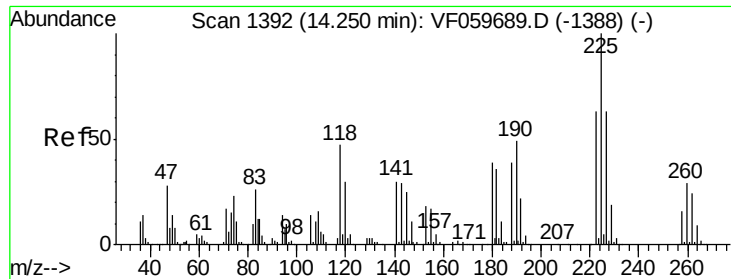


Abundance Ion 75.00 (74.70 to 75.70): VF0

Ion 155.00 (154.70 to 155.70): V

Ion 157.00 (156.70 to 157.70): V





#94

Hexachlorobutadiene

Concen: 53.65 ug/l

RT: 14.14 min Scan# 1381

Delta R.T. -0.11 min

Lab File: VF059761.D

Acq: 1 Aug 2018 17:55

Instrument :

MSVOA\_F

ClientSampleId :

2018-NYSEG-CLARK-AREA-14-4

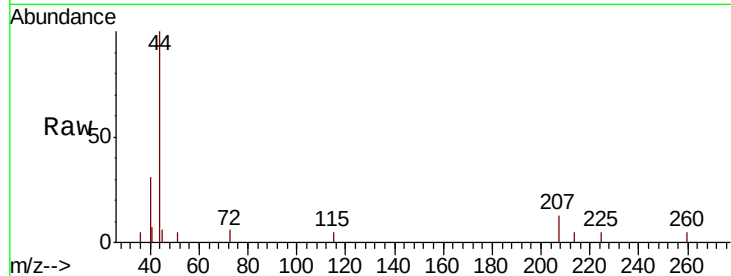
Tot Ion:225 Resp: 66

Ion Ratio Lower Upper

225 100

223 0.0 31.4 94.2#

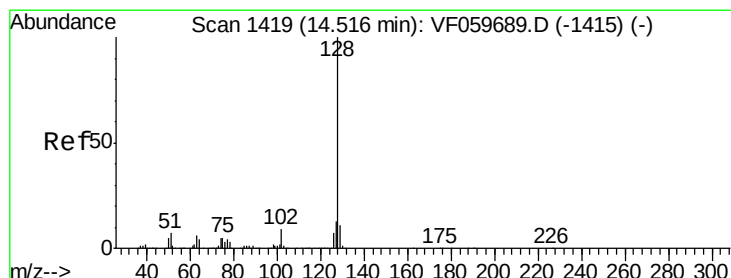
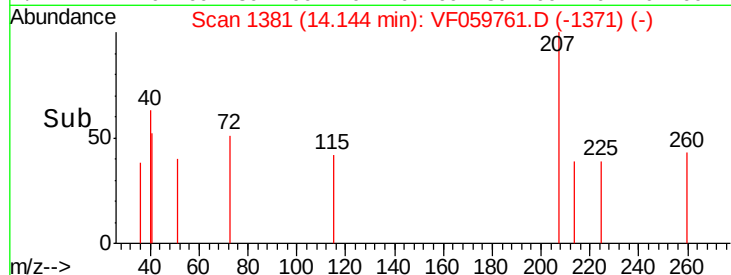
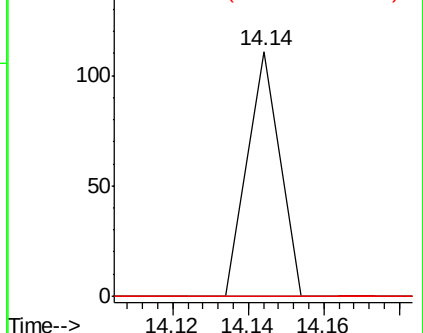
227 0.0 31.5 94.5#



Abundance Ion 225.00 (224.70 to 225.70): V

Ion 223.00 (222.70 to 223.70): V

Ion 227.00 (226.70 to 227.70): V



#95

Naphthalene

Concen: 412.85 ug/l

RT: 14.51 min Scan# 1418

Delta R.T. -0.01 min

Lab File: VF059761.D

Acq: 1 Aug 2018 17:55

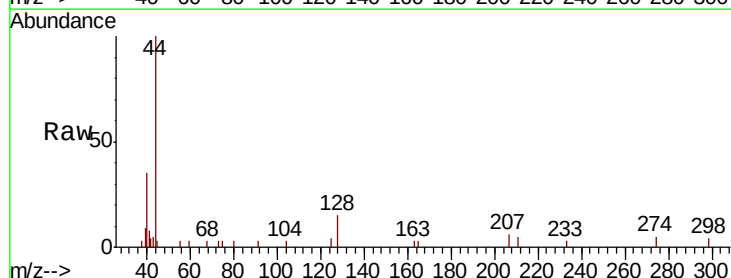
Tgt Ion:128 Resp: 1335

Ion Ratio Lower Upper

128 100

127 0.0 10.0 15.0#

129 0.0 8.6 13.0#



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

