

Data File : VW008595.D  
Acq On : 11 Feb 2019 14:15  
Operator : SY/VA  
Sample : K1390-03RE  
Misc : 6.61G/5ML/MSVOA\_W/SOIL  
ALS Vial : 8 Sample Multiplier: 1

Instrument :  
MSVOA\_W  
ClientSampleId :  
SB-03(12-13)

Quant Time: Feb 12 04:28:04 2019  
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_W\METHOD\82W012419S.M  
Quant Title : SW846 8260  
QLast Update : Fri Jan 25 11:07:41 2019  
Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) Pentafluorobenzene      | 7.95  | 168  | 437526   | 50.00 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 8.84  | 114  | 701600   | 50.00 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 11.63 | 117  | 621059   | 50.00 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 13.56 | 152  | 435384   | 50.00 | ug/l  | 0.00     |

|                             |        |     |          |       |         |      |
|-----------------------------|--------|-----|----------|-------|---------|------|
| System Monitoring Compounds |        |     |          |       |         |      |
| 33) 1,2-Dichloroethane-d4   | 8.31   | 65  | 234316   | 54.51 | ug/l    | 0.00 |
| Spiked Amount               | 50.000 |     | Recovery | =     | 109.02% |      |
| 35) Dibromofluoromethane    | 7.88   | 113 | 219858   | 53.59 | ug/l    | 0.00 |
| Spiked Amount               | 50.000 |     | Recovery | =     | 107.18% |      |
| 50) Toluene-d8              | 10.32  | 98  | 862176   | 52.41 | ug/l    | 0.00 |
| Spiked Amount               | 50.000 |     | Recovery | =     | 104.82% |      |
| 62) 4-Bromofluorobenzene    | 12.62  | 95  | 411612   | 65.09 | ug/l    | 0.00 |
| Spiked Amount               | 50.000 |     | Recovery | =     | 130.18% |      |

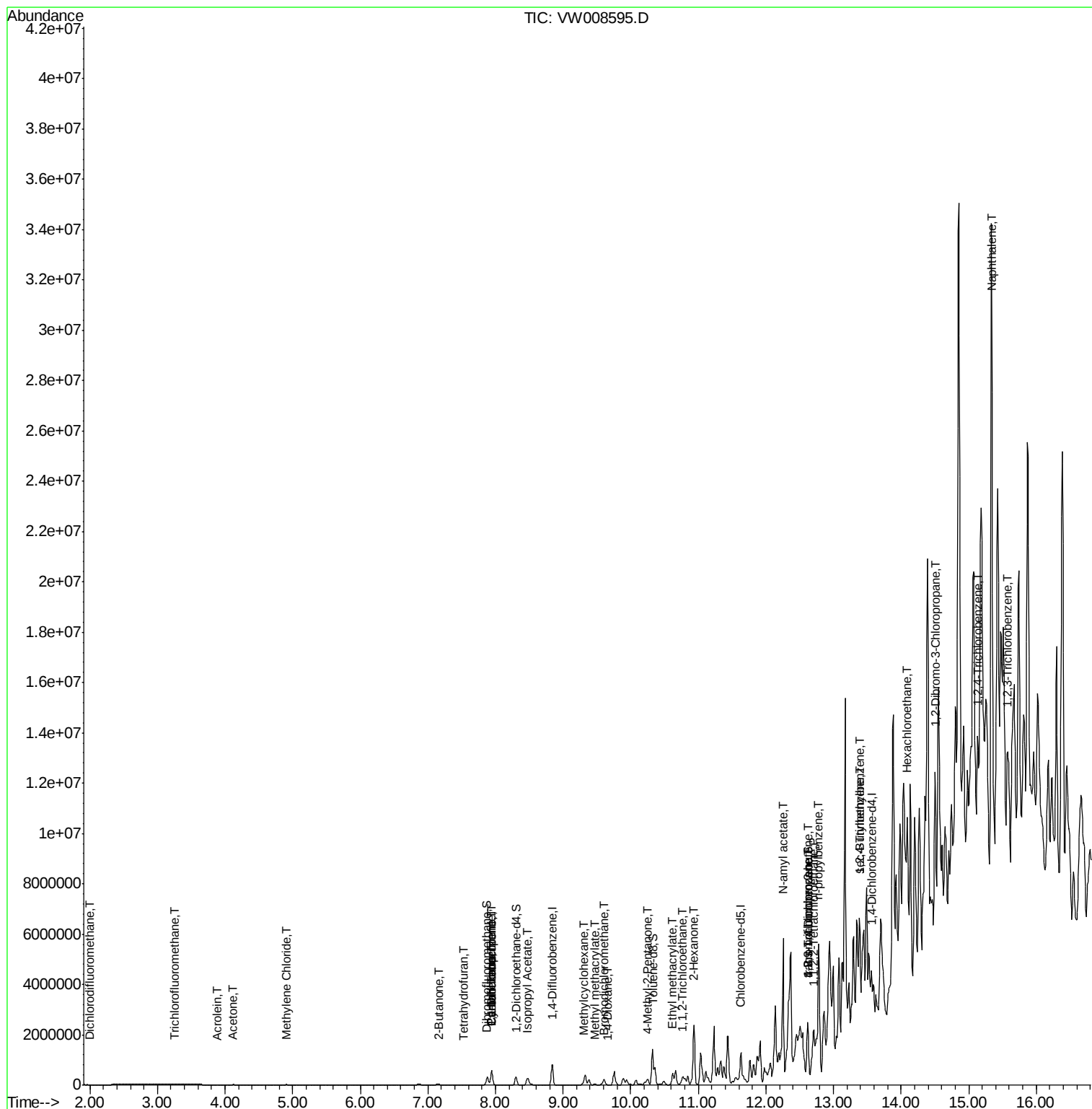
| Target Compounds               |       |     |         |         |        | Qvalue |
|--------------------------------|-------|-----|---------|---------|--------|--------|
| 2) Dichlorodifluoromethane     | 2.00  | 85  | 207     | 3.329   | ug/l # | 41     |
| 7) Trichlorofluoromethane      | 3.24  | 101 | 524     | 4.845   | ug/l # | 73     |
| 13) Acrolein                   | 3.89  | 56  | 254     | 5.003   | ug/l # | 1      |
| 16) Acetone                    | 4.12  | 43  | 25773   | 26.701  | ug/l   | 94     |
| 20) Methylene Chloride         | 4.91  | 84  | 13864   | 3.116   | ug/l # | 84     |
| 25) 2-Butanone                 | 7.17  | 43  | 9776    | 7.292   | ug/l   | 90     |
| 29) Tetrahydrofuran            | 7.53  | 42  | 1190    | 1.401   | ug/l # | 53     |
| 31) Cyclohexane                | 7.95  | 56  | 9211    | 1.092   | ug/l # | 17     |
| 36) 1,1-Dichloropropene        | 7.95  | 75  | 32929   | 4.969   | ug/l # | 51     |
| 38) Carbon Tetrachloride       | 7.95  | 117 | 41273   | 6.189   | ug/l # | 16     |
| 39) Methylcyclohexane          | 9.30  | 83  | 20352   | 2.338   | ug/l # | 25     |
| 43) Isopropyl Acetate          | 8.48  | 43  | 61731   | 10.134  | ug/l # | 54     |
| 47) Bromodichloromethane       | 9.62  | 83  | 9289    | 1.489   | ug/l # | 64     |
| 48) Methyl methacrylate        | 9.46  | 41  | 9731    | 3.267   | ug/l # | 41     |
| 49) 1,4-Dioxane                | 9.66  | 88  | 104     | 2.609   | ug/l # | 23     |
| 51) 4-Methyl-2-Pentanone       | 10.25 | 43  | 34613   | 11.501  | ug/l # | 72     |
| 55) 1,1,2-Trichloroethane      | 10.76 | 97  | 44947   | 13.740  | ug/l # | 23     |
| 56) Ethyl methacrylate         | 10.62 | 69  | 136254  | 29.725  | ug/l # | 82     |
| 59) 2-Hexanone                 | 10.93 | 43  | 934763  | 439.982 | ug/l # | 31     |
| 74) N-amyl acetate             | 12.26 | 43  | 1226082 | 146.627 | ug/l # | 65     |
| 75) 1,1,2,2-Tetrachloroethane  | 12.69 | 83  | 102674  | 19.980  | ug/l # | 57     |
| 76) 1,2,3-Trichloropropane     | 12.62 | 75  | 182431  | 48.194  | ug/l # | 1      |
| 78) n-propylbenzene            | 12.78 | 91  | 41841   | 1.073   | ug/l # | 53     |
| 81) trans-1,4-Dichloro-2-buten | 12.62 | 75  | 182431  | 95.187  | ug/l # | 23     |
| 84) 1,2,4-Trimethylbenzene     | 13.38 | 105 | 1612458 | 58.474  | ug/l # | 31     |
| 85) sec-Butylbenzene           | 13.38 | 105 | 1612458 | 46.767  | ug/l   | 90     |
| 90) Hexachloroethane           | 14.10 | 117 | 20657   | 3.497   | ug/l # | 10     |
| 92) 1,2-Dibromo-3-Chloropropan | 14.51 | 75  | 17575   | 18.025  | ug/l # | 1      |
| 93) 1,2,4-Trichlorobenzene     | 15.15 | 180 | 33219   | 3.675   | ug/l # | 1      |
| 95) Naphthalene                | 15.33 | 128 | 204855  | 12.907  | ug/l # | 1      |
| 96) 1,2,3-Trichlorobenzene     | 15.58 | 180 | 55086   | 7.184   | ug/l # | 1      |

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

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QLast Update : Fri Jan 25 11:07:41 2019  
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. 0.00 min

Lab File: VW008595.D

Acq: 11 Feb 2019 14:15

Instrument :

MSVOA\_W

ClientSampleId :

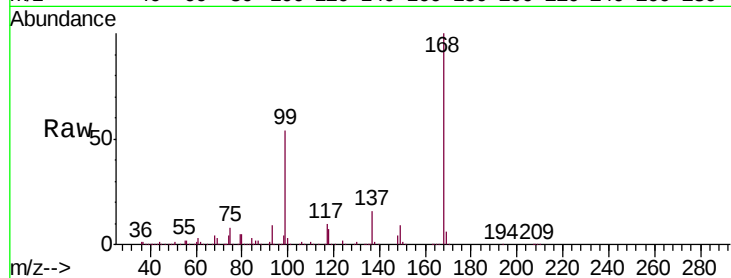
SB-03(12-13)

Tgt Ion:168 Resp: 437526

Ion Ratio Lower Upper

168 100

99 53.8 45.5 68.3



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

200000

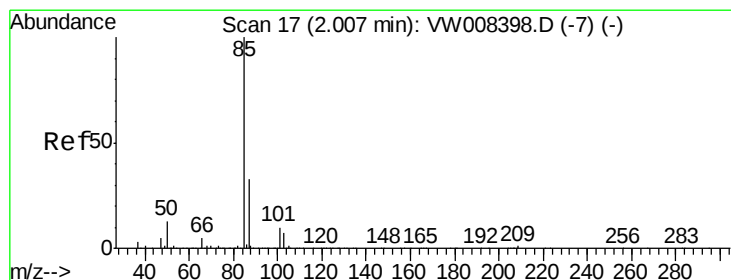
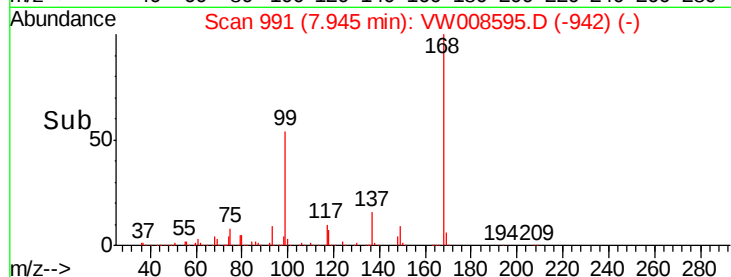
150000

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 3.329 ug/l

RT: 2.00 min Scan# 15

Delta R.T. -0.01 min

Lab File: VW008595.D

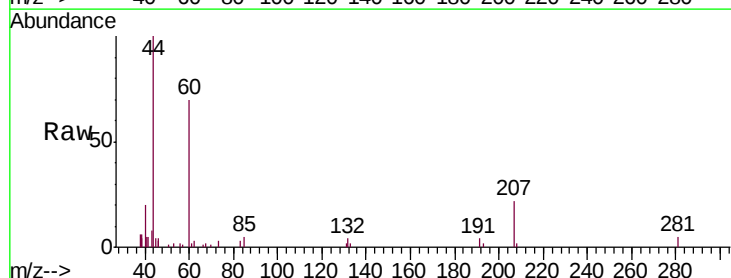
Acq: 11 Feb 2019 14:15

Tgt Ion: 85 Resp: 207

Ion Ratio Lower Upper

85 100

87 0.0 16.7 50.1#



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

2.00

250

200

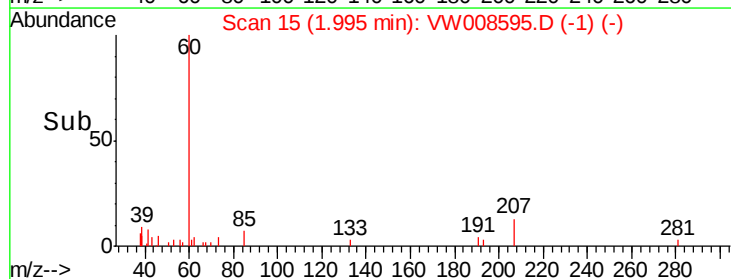
150

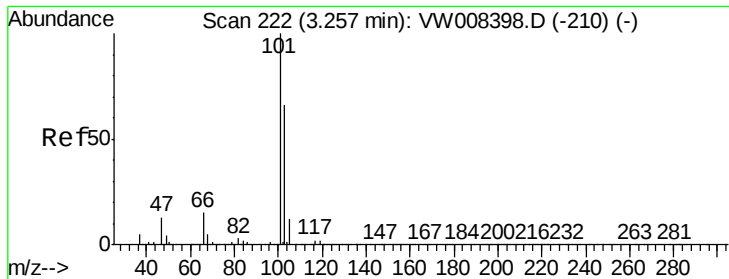
100

50

0

Time-->



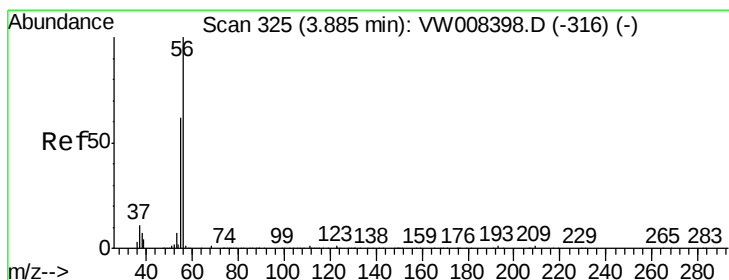
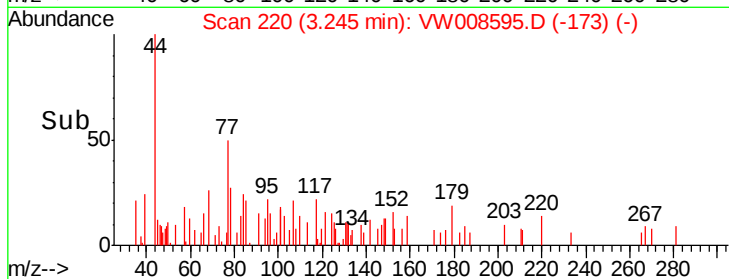
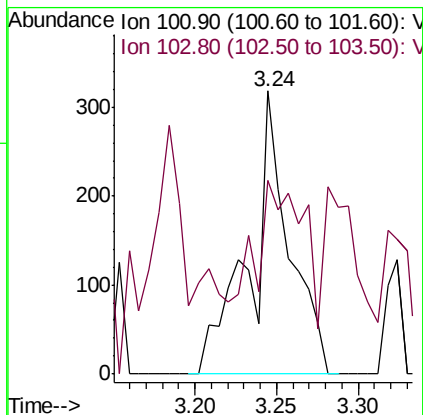
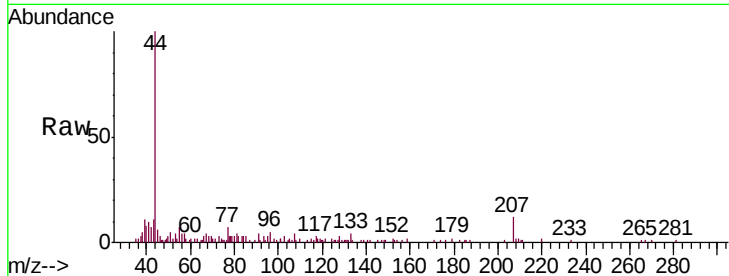


#7

Trichlorofluoromethane  
Concen: 4.845 ug/l  
RT: 3.24 min Scan# 220  
Delta R.T. -0.01 min  
Lab File: VW008595.D  
Acq: 11 Feb 2019 14:15

Instrument :  
MSVOA\_W  
ClientSampleId :  
SB-03(12-13)

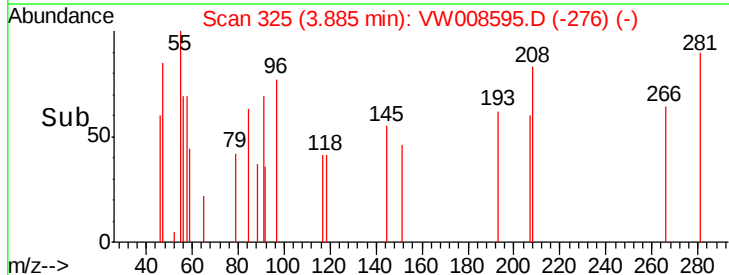
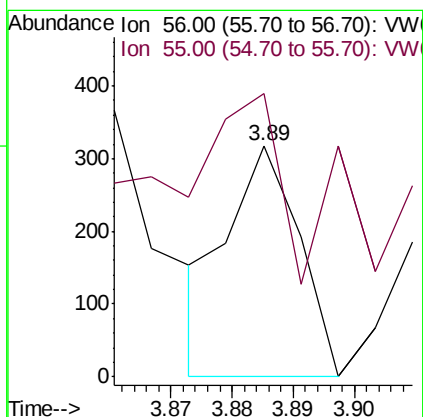
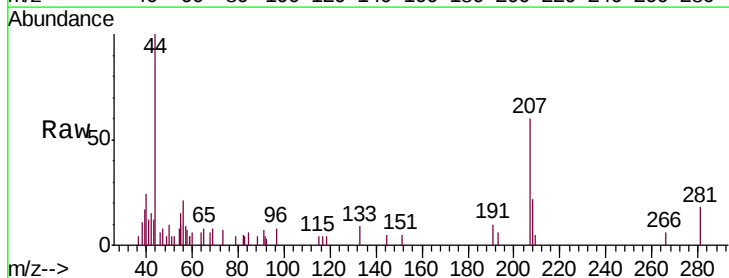
Tgt Ion: 101 Resp: 524  
Ion Ratio Lower Upper  
101 100  
103 44.3 52.5 78.7#

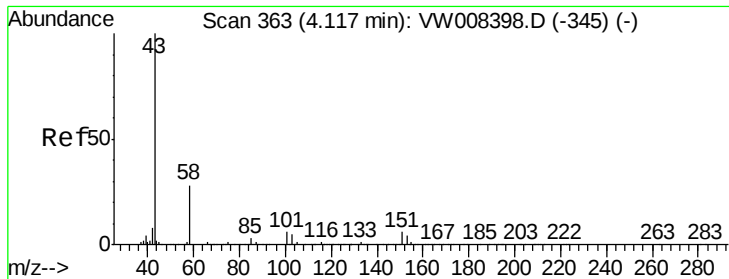


#13

Acrolein  
Concen: 5.003 ug/l  
RT: 3.89 min Scan# 325  
Delta R.T. 0.00 min  
Lab File: VW008595.D  
Acq: 11 Feb 2019 14:15

Tgt Ion: 56 Resp: 254  
Ion Ratio Lower Upper  
56 100  
55 169.7 56.7 85.1#

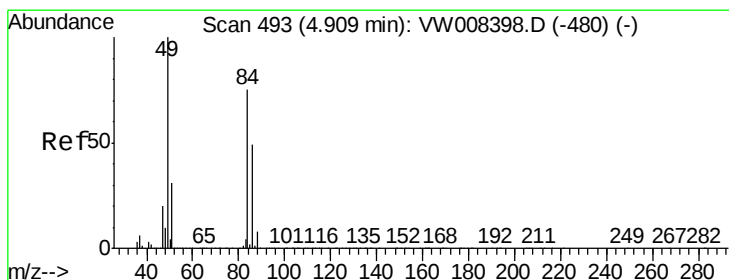
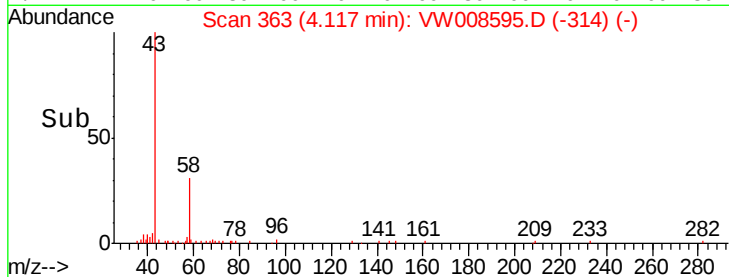
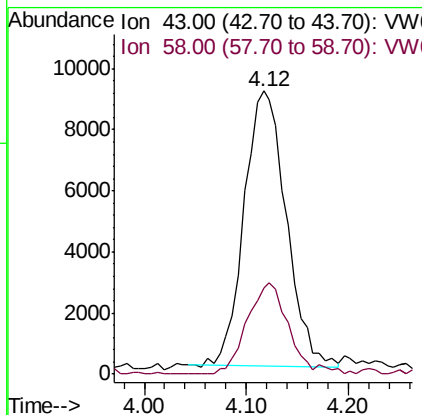
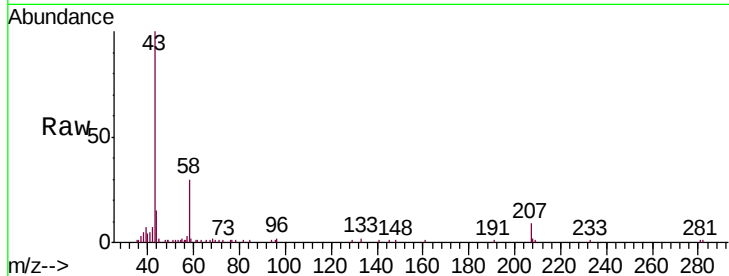




#16  
Acetone  
Concen: 26.701 ug/l  
RT: 4.12 min Scan# 363  
Delta R.T. 0.00 min  
Lab File: VW008595.D  
Acq: 11 Feb 2019 14:15

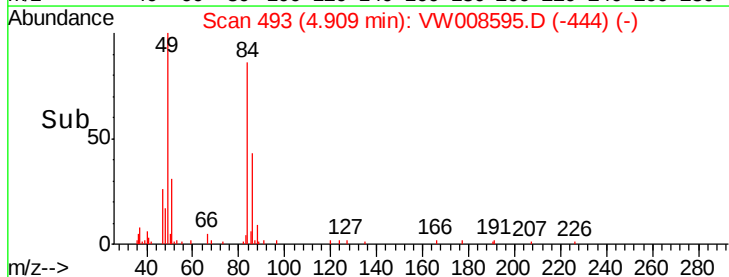
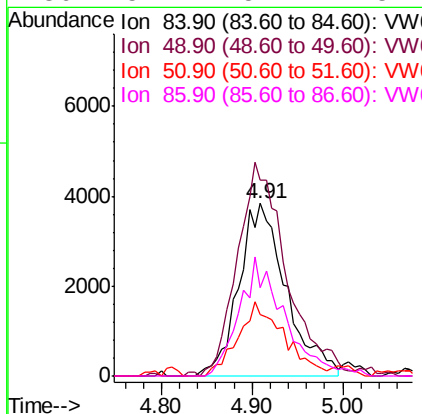
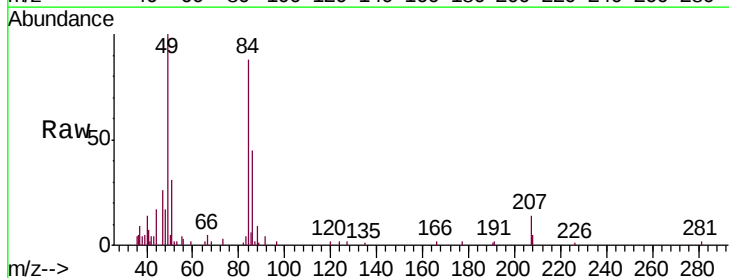
Instrument :  
MSVOA\_W  
ClientSampleId :  
SB-03(12-13)

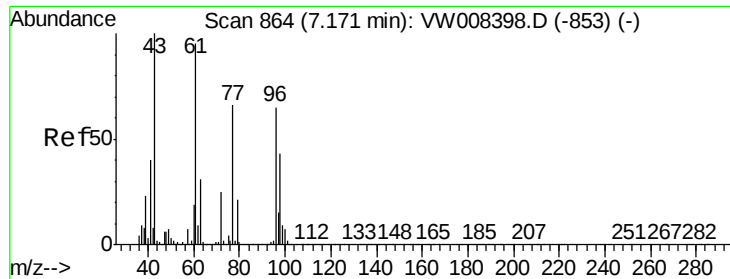
Tgt Ion: 43 Resp: 25773  
Ion Ratio Lower Upper  
43 100  
58 31.3 22.6 34.0



#20  
Methylene Chloride  
Concen: 3.116 ug/l  
RT: 4.91 min Scan# 493  
Delta R.T. 0.00 min  
Lab File: VW008595.D  
Acq: 11 Feb 2019 14:15

Tgt Ion: 84 Resp: 13864  
Ion Ratio Lower Upper  
84 100  
49 112.1 106.8 160.2  
51 35.6 32.9 49.3  
86 51.1 52.2 78.2#





#25

2-Butanone

Concen: 7.292 ug/l

RT: 7.17 min Scan# 864

Delta R.T. 0.00 min

Lab File: VW008595.D

Acq: 11 Feb 2019 14:15

Instrument :

MSVOA\_W

ClientSampleId :

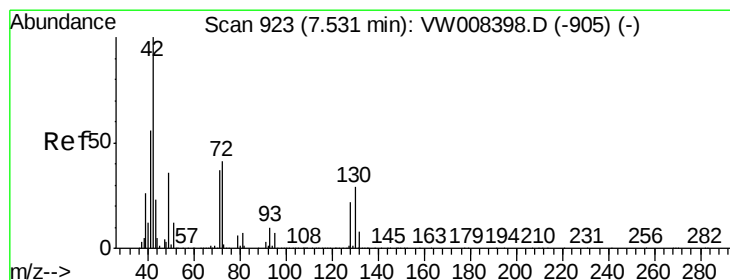
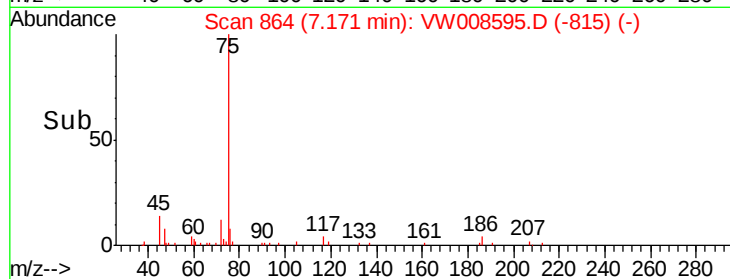
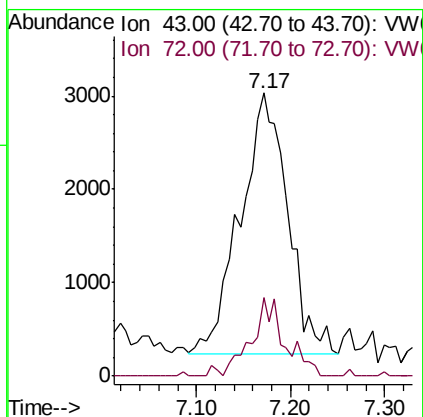
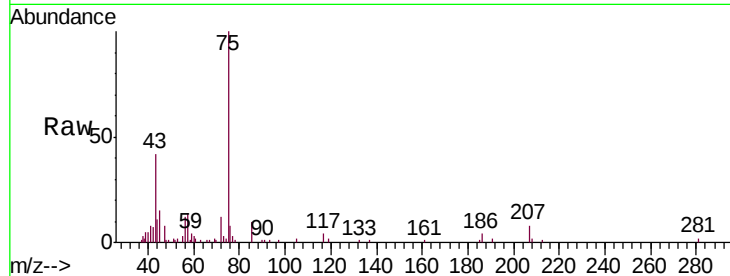
SB-03(12-13)

Tgt Ion: 43 Resp: 9776

Ion Ratio Lower Upper

43 100

72 30.0 20.1 30.1



#29

Tetrahydrofuran

Concen: 1.401 ug/l

RT: 7.53 min Scan# 923

Delta R.T. 0.00 min

Lab File: VW008595.D

Acq: 11 Feb 2019 14:15

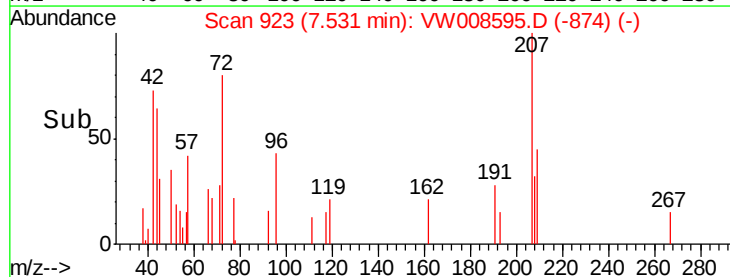
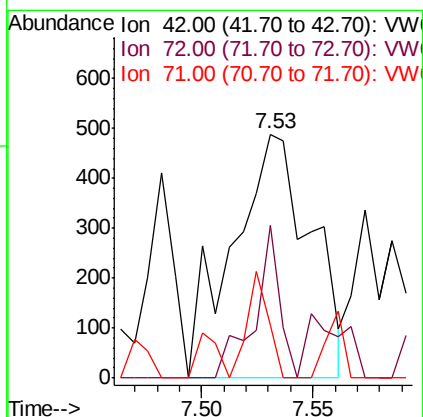
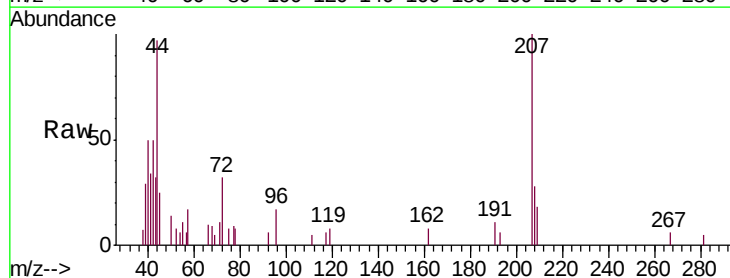
Tgt Ion: 42 Resp: 1190

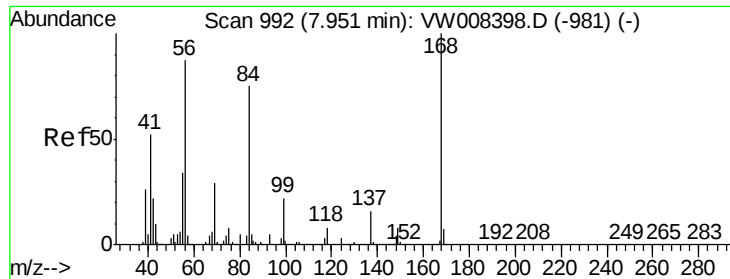
Ion Ratio Lower Upper

42 100

72 20.4 31.9 47.9#

71 0.0 29.9 44.9#

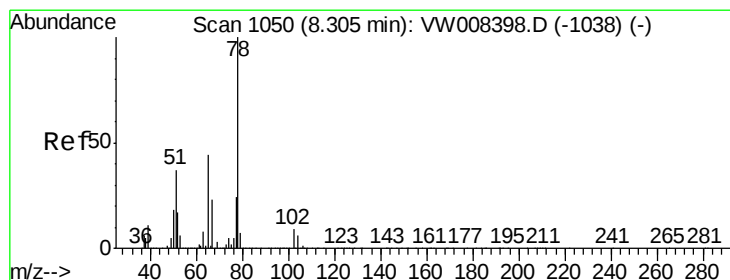
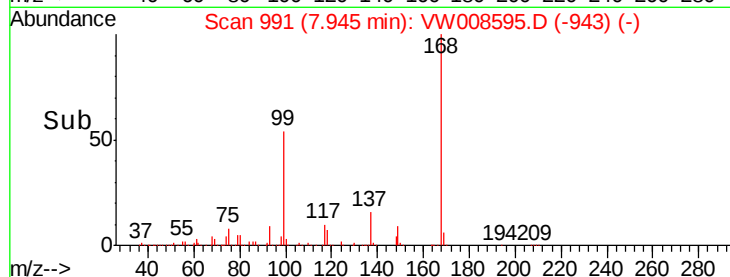
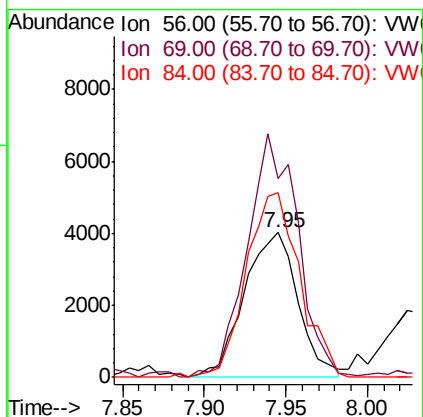
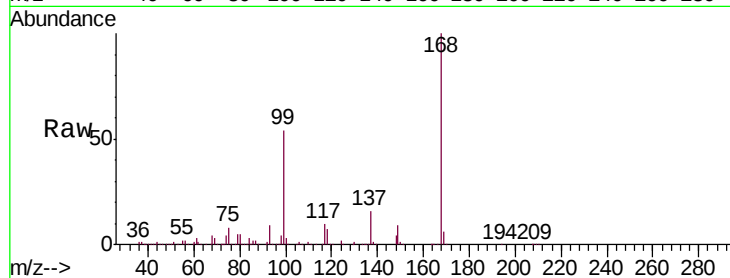




#31  
Cyclohexane  
Concen: 1.092 ug/l  
RT: 7.95 min Scan# 991  
Delta R.T. -0.01 min  
Lab File: VW008595.D  
Acq: 11 Feb 2019 14:15

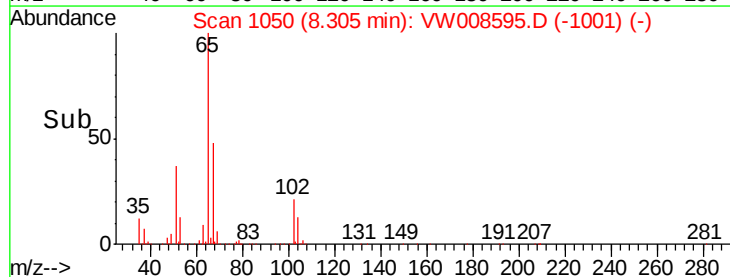
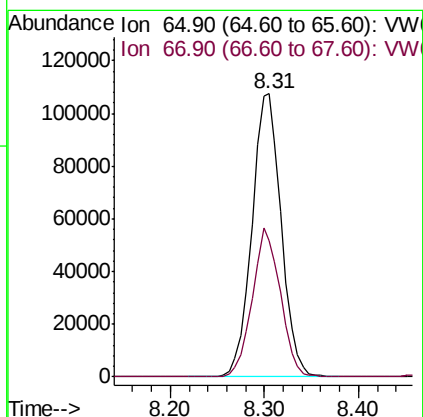
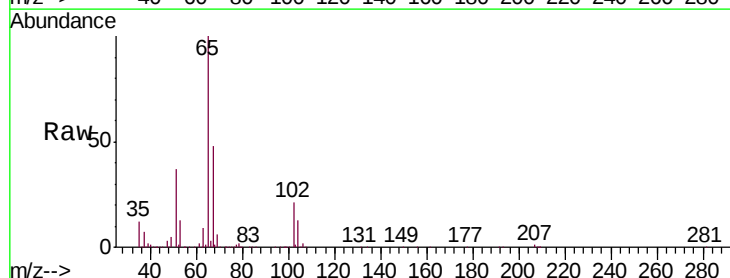
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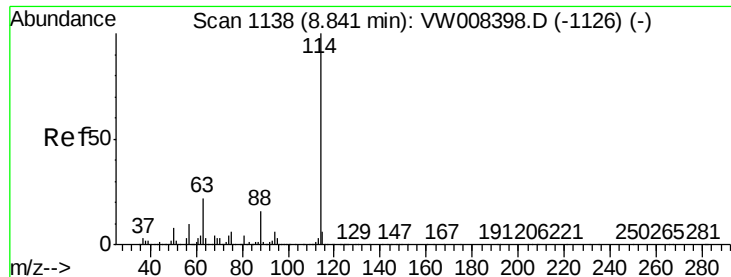
Tgt Ion: 56 Resp: 9211  
Ion Ratio Lower Upper  
56 100  
69 137.5 26.4 39.6#  
84 127.3 69.1 103.7#



#33  
1,2-Dichloroethane-d4  
Concen: 54.514 ug/l  
RT: 8.31 min Scan# 1050  
Delta R.T. 0.00 min  
Lab File: VW008595.D  
Acq: 11 Feb 2019 14:15

Tgt Ion: 65 Resp: 234316  
Ion Ratio Lower Upper  
65 100  
67 50.8 0.0 104.0

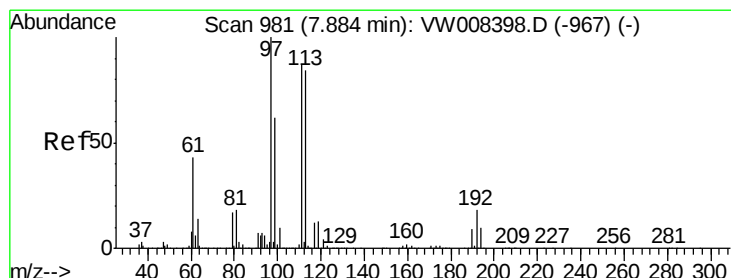
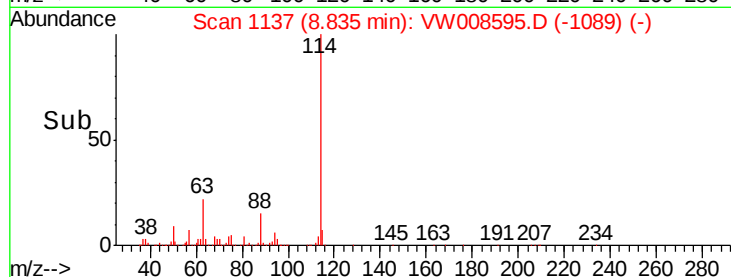
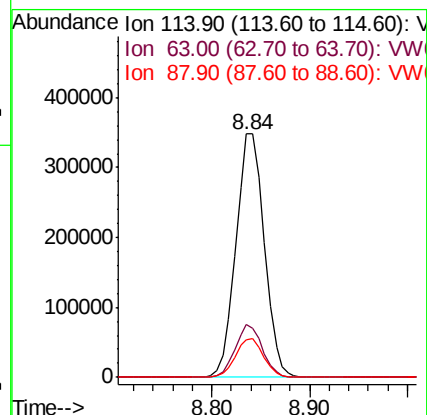
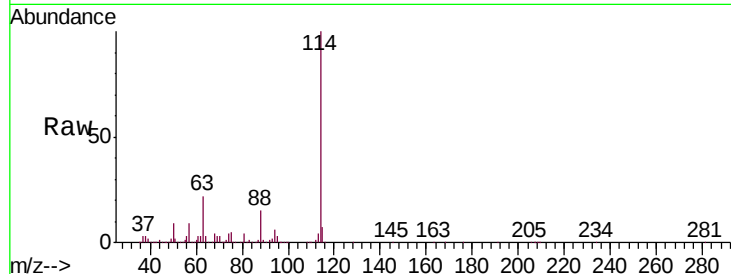




#34  
1,4-Difluorobenzene  
Concen: 50.000 ug/l  
RT: 8.84 min Scan# 1137  
Delta R.T. -0.01 min  
Lab File: VW008595.D  
Acq: 11 Feb 2019 14:15

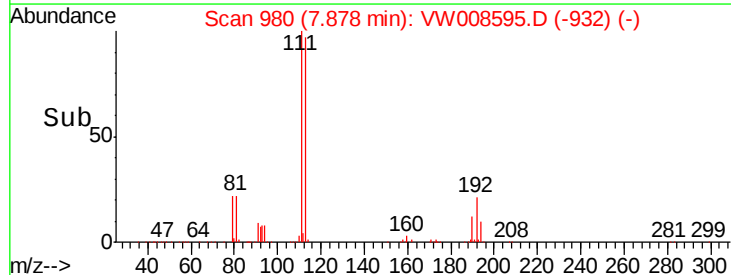
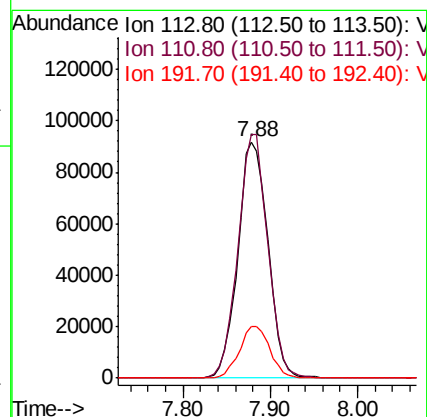
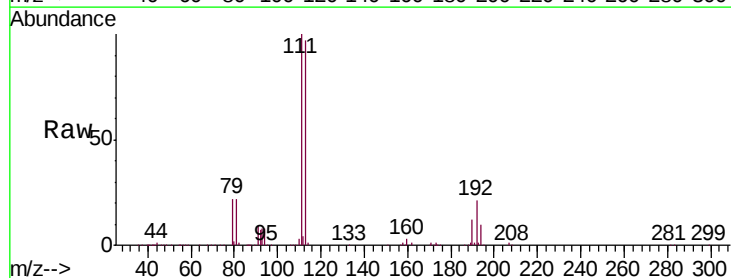
Instrument :  
MSVOA\_W  
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SB-03(12-13)

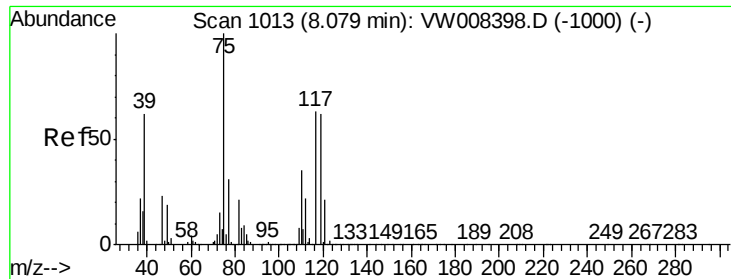
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 114     | 100   |       |       |
| 63      | 21.6  | 0.0   | 43.6  |
| 88      | 15.3  | 0.0   | 31.8  |



#35  
Dibromofluoromethane  
Concen: 53.591 ug/l  
RT: 7.88 min Scan# 980  
Delta R.T. -0.01 min  
Lab File: VW008595.D  
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| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 113     | 100   |       |       |
| 111     | 102.0 | 81.0  | 121.4 |
| 192     | 22.2  | 16.8  | 25.2  |

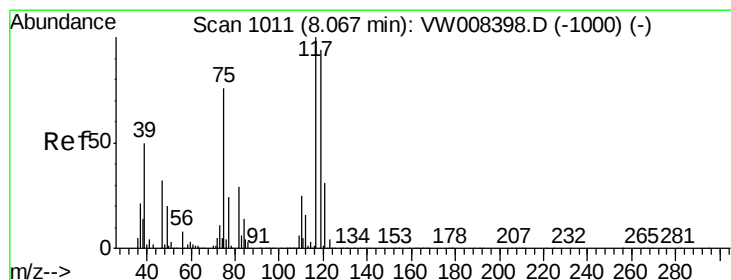
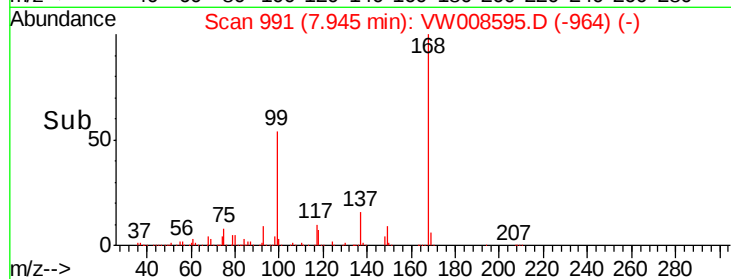
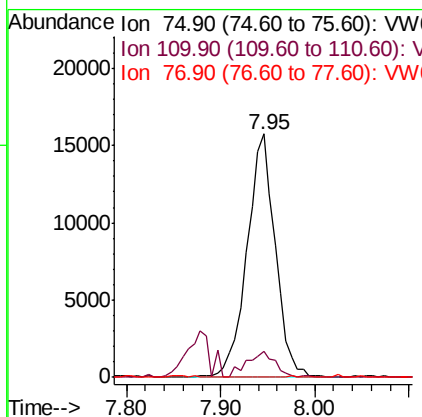
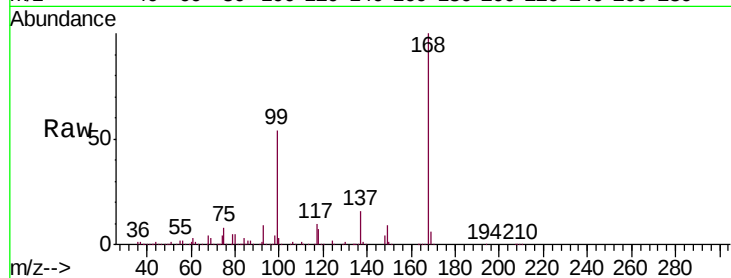




#36  
 1,1-Dichloropropene  
 Concen: 4.969 ug/l  
 RT: 7.95 min Scan# 991  
 Delta R.T. -0.13 min  
 Lab File: VW008595.D  
 Acq: 11 Feb 2019 14:15

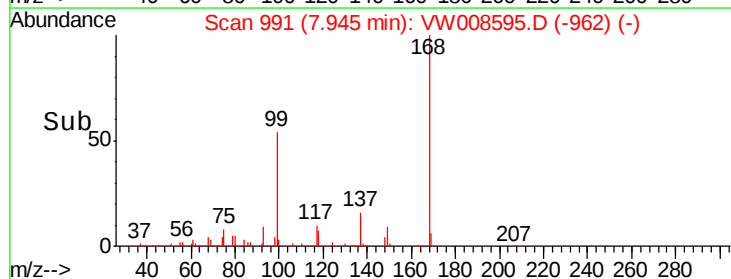
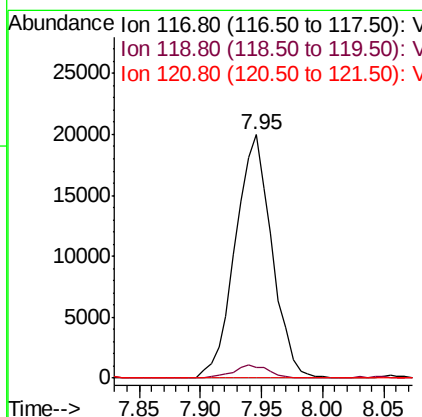
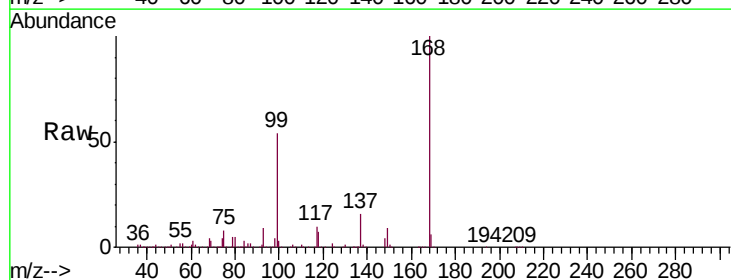
Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 SB-03(12-13)

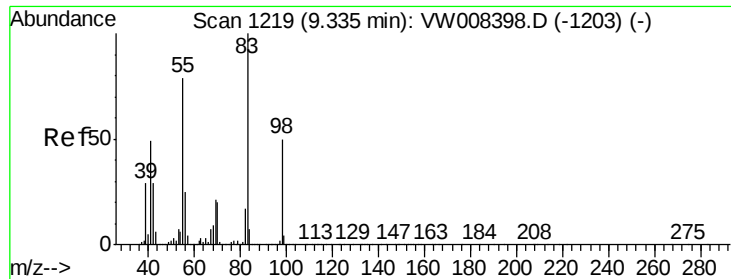
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 75      | 100   |       |       |
| 110     | 10.6  | 17.3  | 52.0# |
| 77      | 0.0   | 24.7  | 37.1# |



#38  
 Carbon Tetrachloride  
 Concen: 6.189 ug/l  
 RT: 7.95 min Scan# 991  
 Delta R.T. -0.12 min  
 Lab File: VW008595.D  
 Acq: 11 Feb 2019 14:15

| Tgt Ion | Ratio | Lower | Upper  |
|---------|-------|-------|--------|
| 117     | 100   |       |        |
| 119     | 4.1   | 75.0  | 112.4# |
| 121     | 0.0   | 24.9  | 37.3#  |

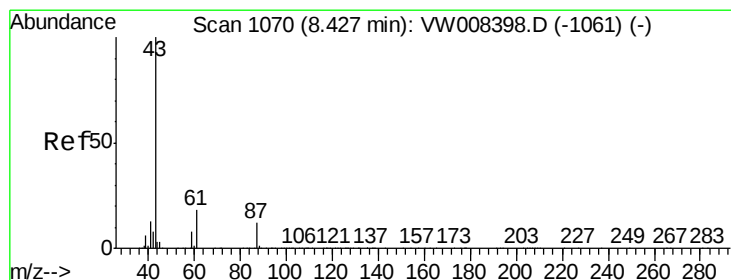
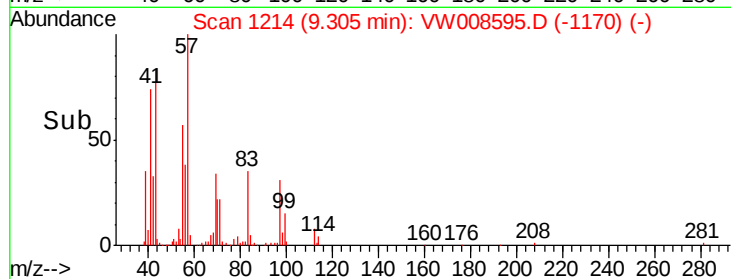
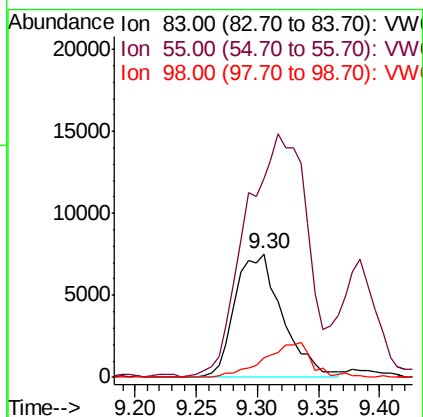
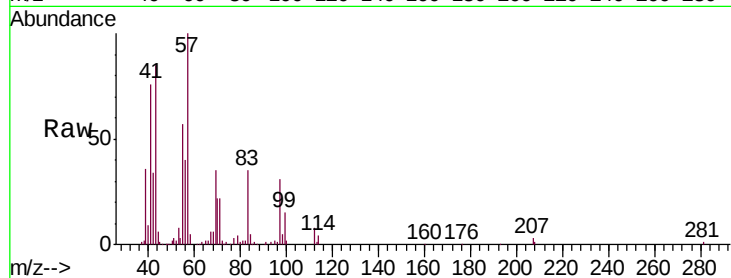




#39  
Methylcyclohexane  
Concen: 2.338 ug/l  
RT: 9.30 min Scan# 1214  
Delta R.T. -0.03 min  
Lab File: VW008595.D  
Acq: 11 Feb 2019 14:15

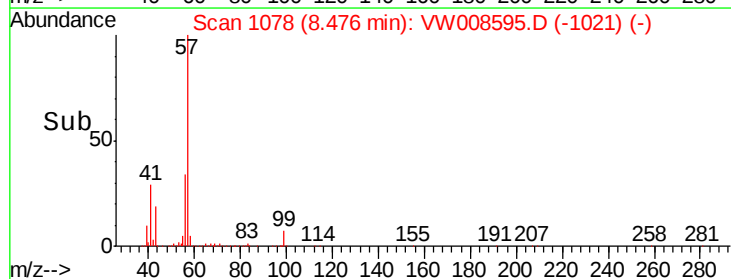
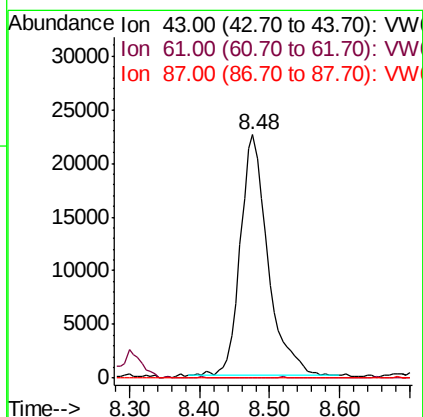
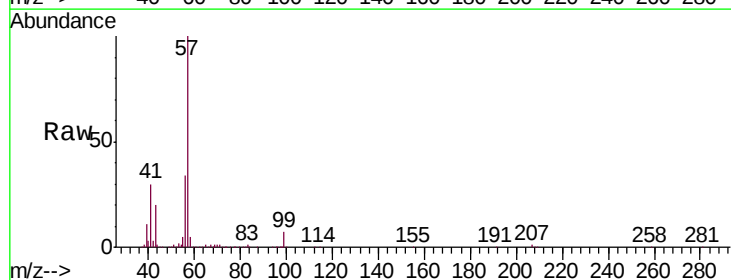
Instrument :  
MSVOA\_W  
ClientSampleId :  
SB-03(12-13)

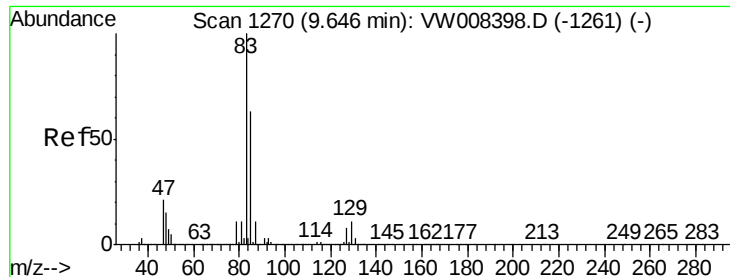
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 83      | 100   |       |       |
| 55      | 159.0 | 63.3  | 94.9# |
| 98      | 15.5  | 39.7  | 59.5# |



#43  
Isopropyl Acetate  
Concen: 10.134 ug/l  
RT: 8.48 min Scan# 1078  
Delta R.T. 0.05 min  
Lab File: VW008595.D  
Acq: 11 Feb 2019 14:15

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 43      | 100   |       |       |
| 61      | 0.0   | 22.0  | 33.0# |
| 87      | 0.0   | 9.3   | 13.9# |





#47

Bromodichloromethane

Concen: 1.489 ug/l

RT: 9.62 min Scan# 1265

Delta R.T. -0.03 min

Lab File: VW008595.D

Acq: 11 Feb 2019 14:15

Instrument :

MSVOA\_W

ClientSampleId :

SB-03(12-13)

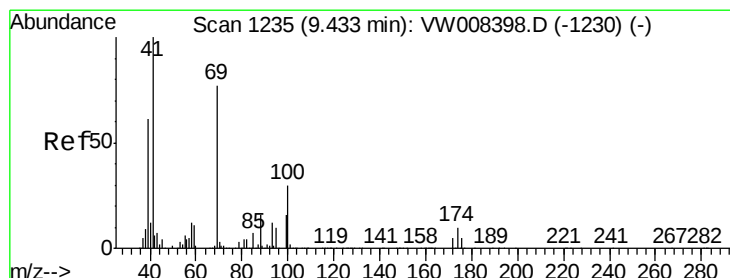
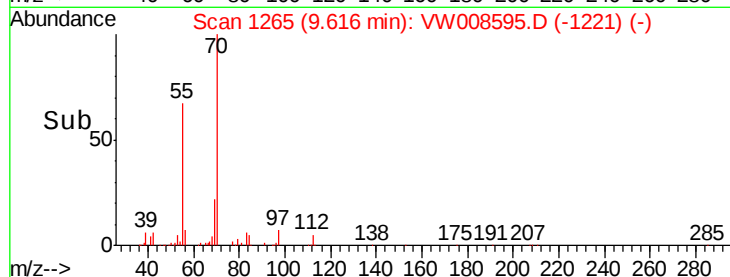
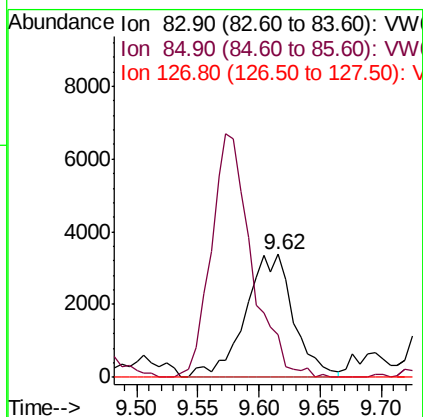
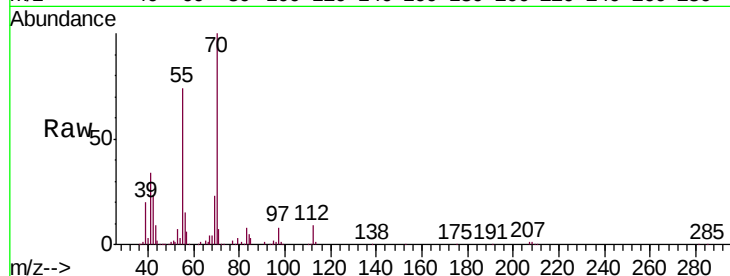
Tgt Ion: 83 Resp: 9289

Ion Ratio Lower Upper

83 100

85 34.3 50.8 76.2#

127 0.0 6.8 10.2#



#48

Methyl methacrylate

Concen: 3.267 ug/l

RT: 9.46 min Scan# 1239

Delta R.T. 0.02 min

Lab File: VW008595.D

Acq: 11 Feb 2019 14:15

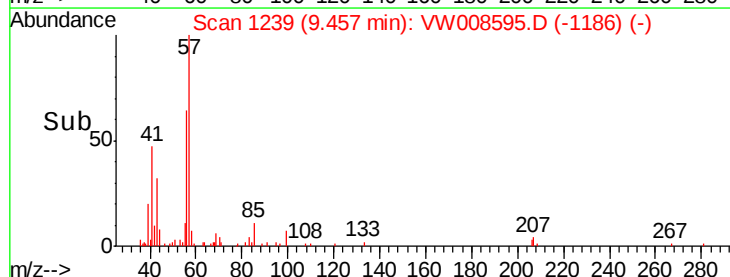
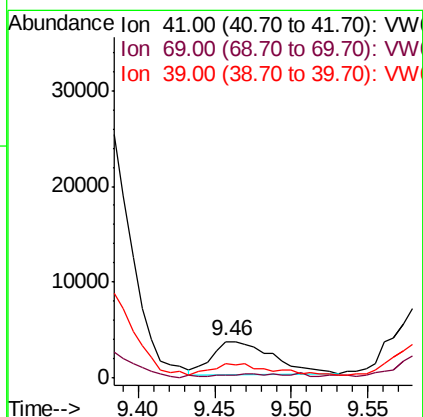
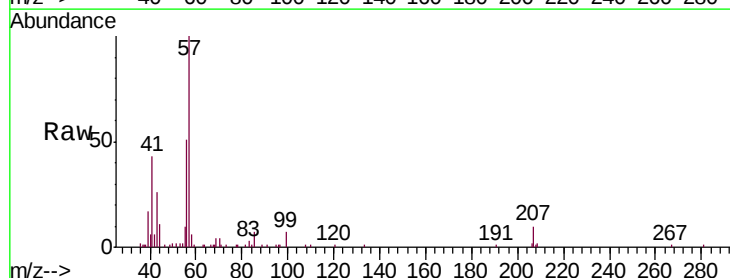
Tgt Ion: 41 Resp: 9731

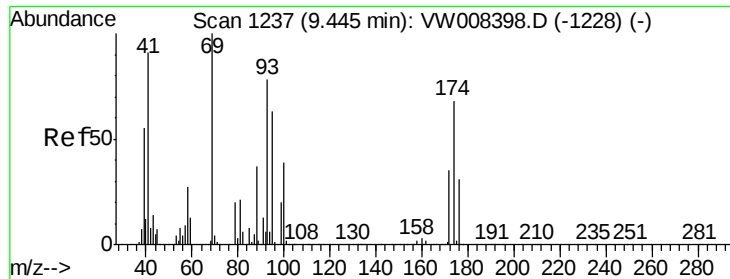
Ion Ratio Lower Upper

41 100

69 10.1 64.8 97.2#

39 37.1 49.1 73.7#

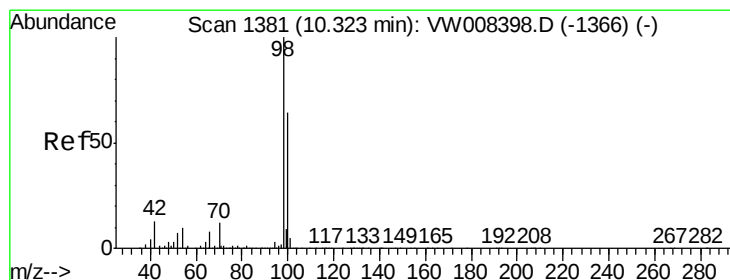
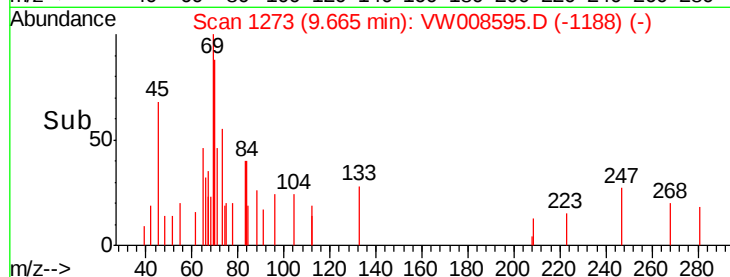
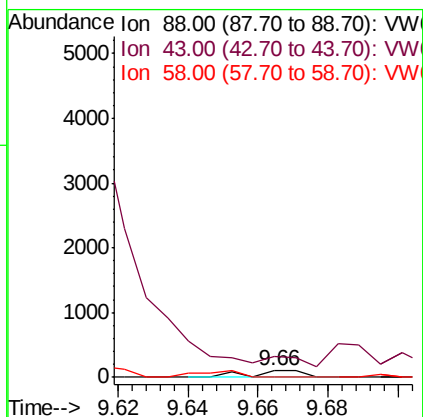
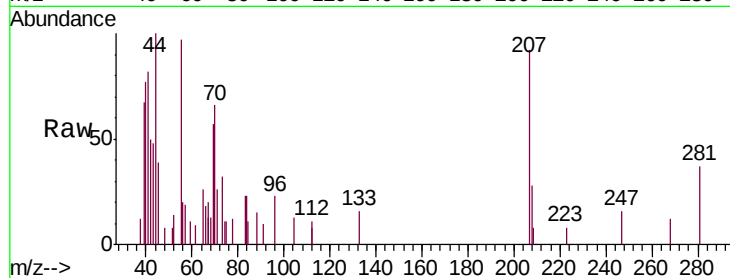




#49  
1,4-Dioxane  
Concen: 2.609 ug/l  
RT: 9.66 min Scan# 1273  
Delta R.T. 0.22 min  
Lab File: VW008595.D  
Acq: 11 Feb 2019 14:15

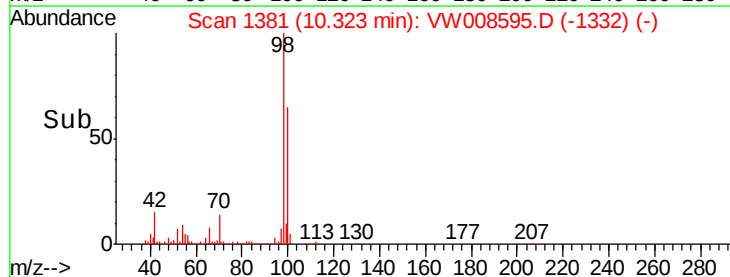
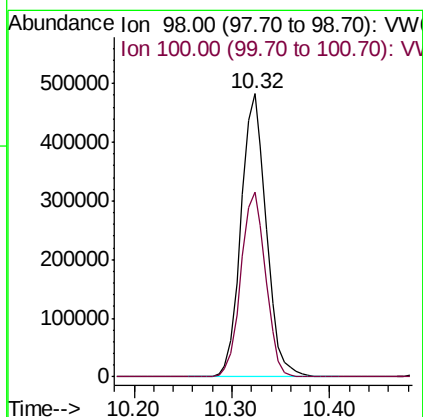
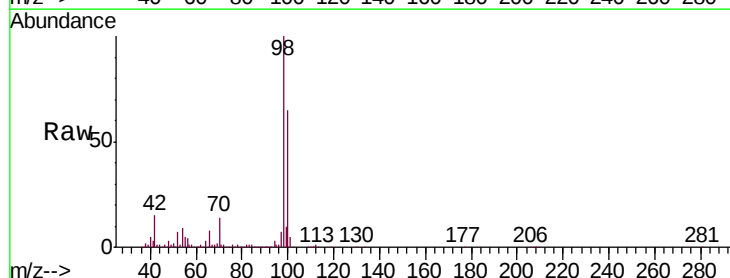
Instrument :  
MSVOA\_W  
ClientSampleId :  
SB-03(12-13)

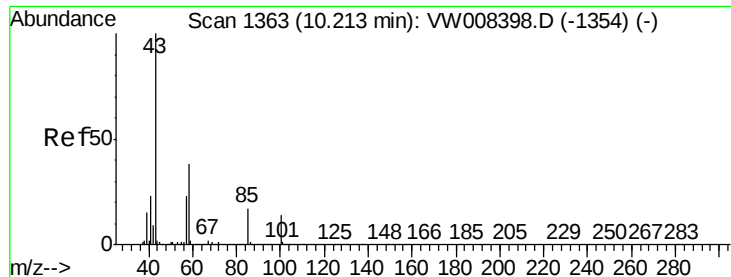
Tgt Ion: 88 Resp: 104  
Ion Ratio Lower Upper  
88 100  
43 0.0 29.0 43.4#  
58 0.0 56.4 84.6#



#50  
Toluene-d8  
Concen: 52.408 ug/l  
RT: 10.32 min Scan# 1381  
Delta R.T. 0.00 min  
Lab File: VW008595.D  
Acq: 11 Feb 2019 14:15

Tgt Ion: 98 Resp: 862176  
Ion Ratio Lower Upper  
98 100  
100 63.9 52.6 78.8

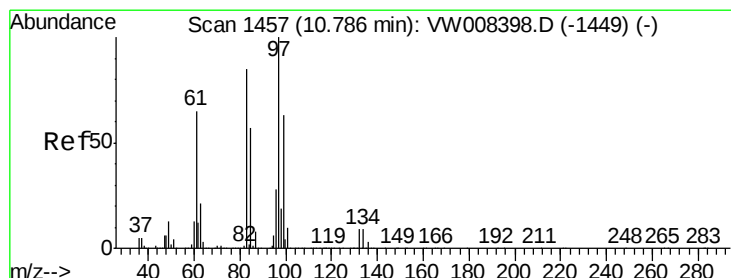
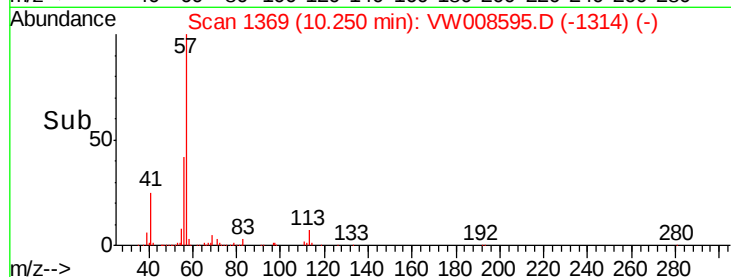
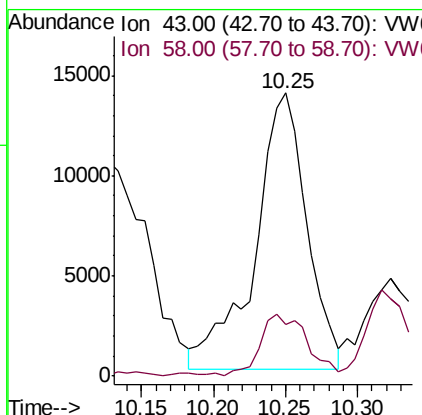
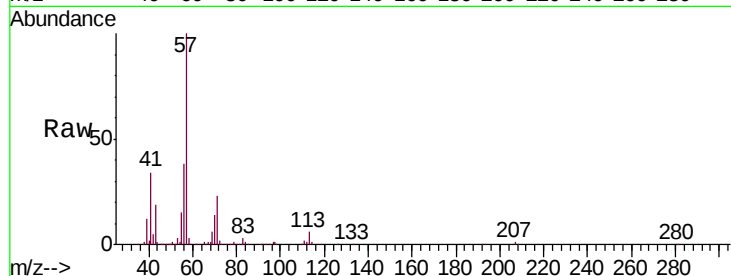




#51  
 4-Methyl-2-Pentanone  
 Concen: 11.501 ug/l  
 RT: 10.25 min Scan# 1369  
 Delta R.T. 0.04 min  
 Lab File: VW008595.D  
 Acq: 11 Feb 2019 14:15

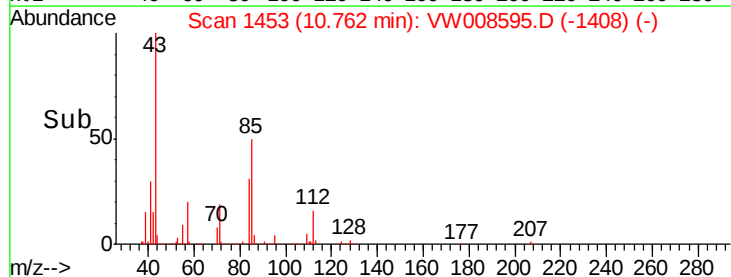
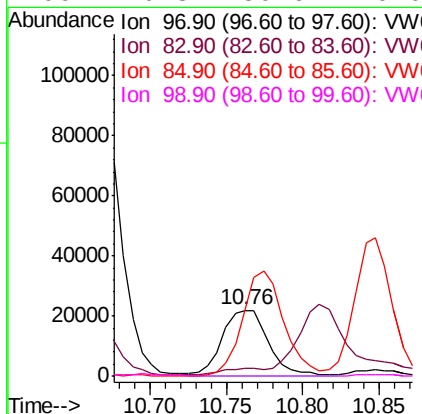
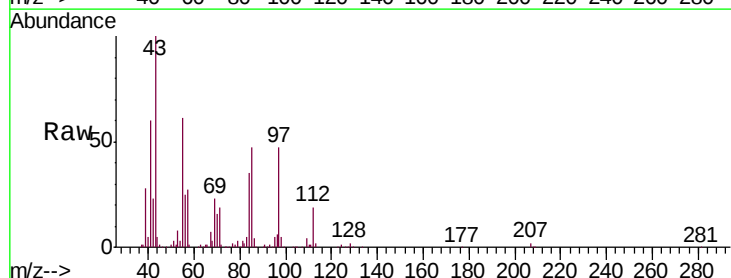
Instrument :  
 MSVOA\_W  
 ClientSampled :  
 SB-03(12-13)

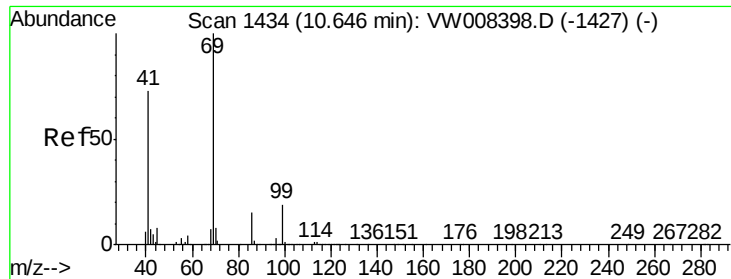
Tgt Ion: 43 Resp: 34613  
 Ion Ratio Lower Upper  
 43 100  
 58 20.2 29.7 44.5#



#55  
 1,1,2-Trichloroethane  
 Concen: 13.740 ug/l  
 RT: 10.76 min Scan# 1453  
 Delta R.T. -0.02 min  
 Lab File: VW008595.D  
 Acq: 11 Feb 2019 14:15

Tgt Ion: 97 Resp: 44947  
 Ion Ratio Lower Upper  
 97 100  
 83 9.4 68.4 102.6#  
 85 102.0 45.3 67.9#  
 99 0.3 50.6 76.0#





#56

Ethyl methacrylate

Concen: 29.725 ug/l

RT: 10.62 min Scan# 1430

Delta R.T. -0.02 min

Lab File: VW008595.D

Acq: 11 Feb 2019 14:15

Instrument :

MSVOA\_W

ClientSampled :

SB-03(12-13)

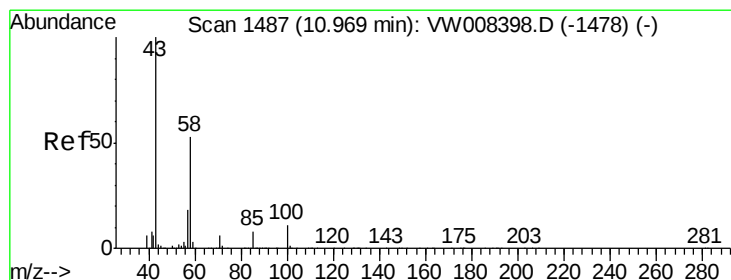
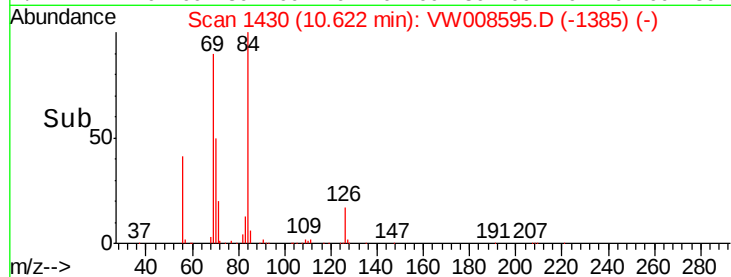
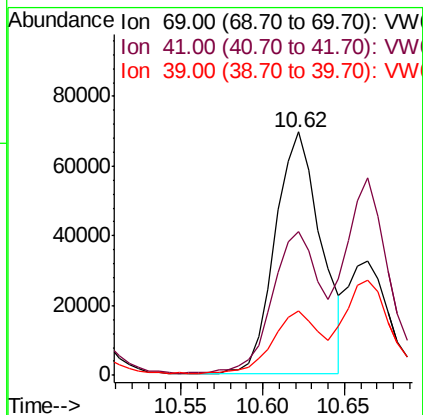
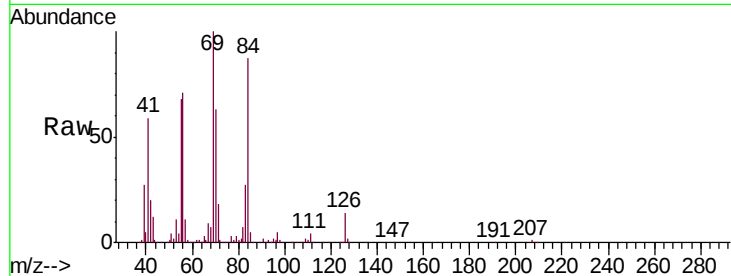
Tgt Ion: 69 Resp: 136254

Ion Ratio Lower Upper

69 100

41 59.7 58.7 88.1

39 27.0 32.6 48.8#



#59

2-Hexanone

Concen: 439.982 ug/l

RT: 10.93 min Scan# 1481

Delta R.T. -0.04 min

Lab File: VW008595.D

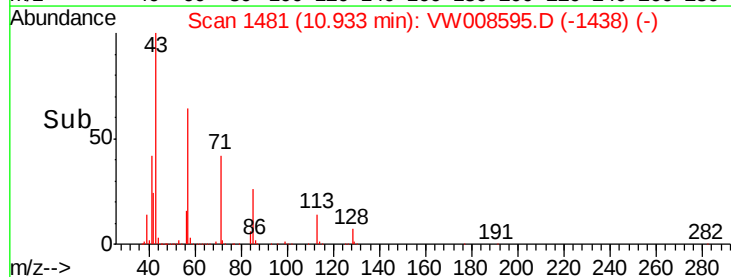
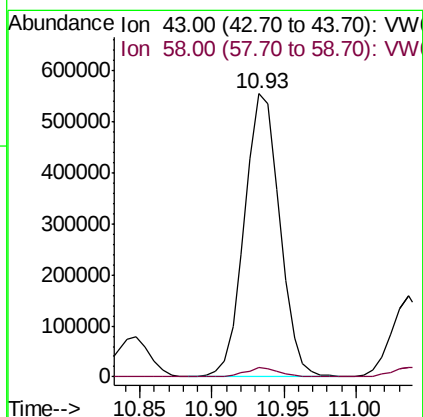
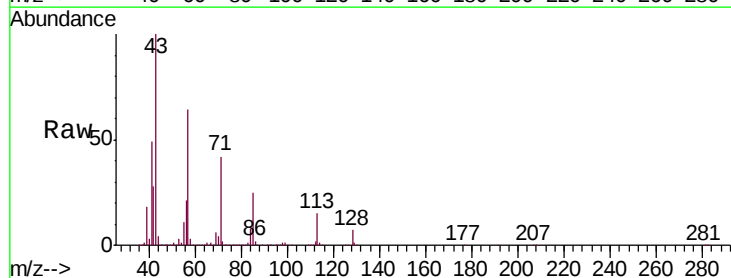
Acq: 11 Feb 2019 14:15

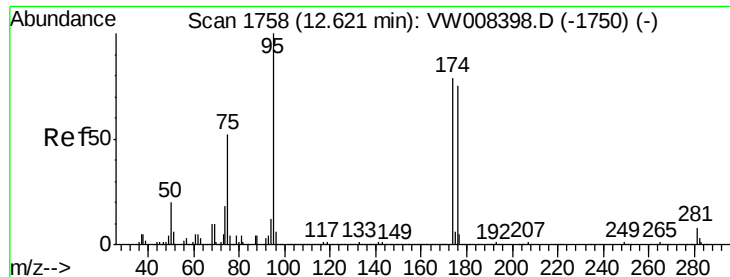
Tgt Ion: 43 Resp: 934763

Ion Ratio Lower Upper

43 100

58 3.2 25.9 77.7#

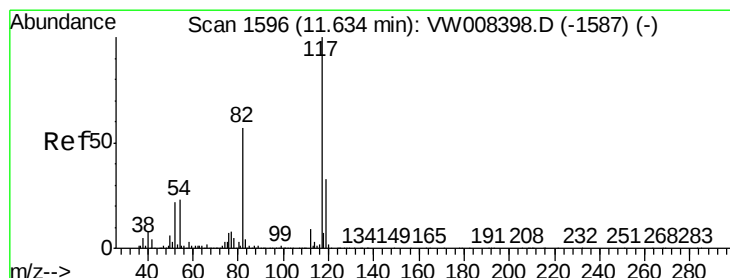
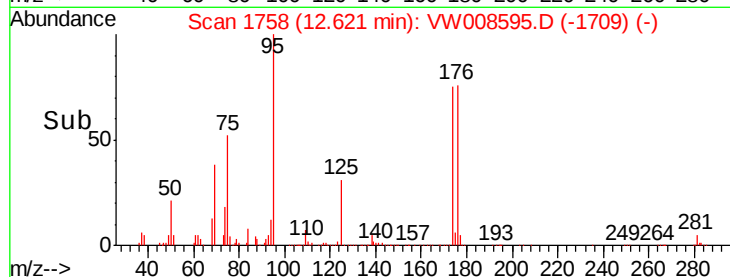
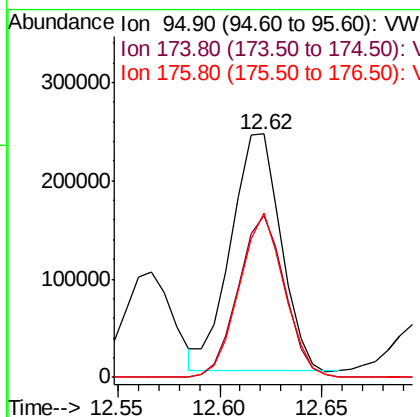
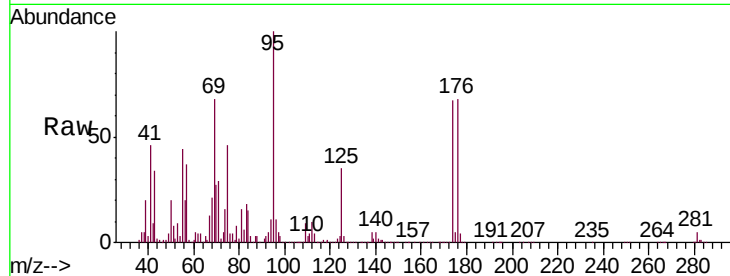




#62  
4-Bromofluorobenzene  
Concen: 65.092 ug/l  
RT: 12.62 min Scan# 1758  
Delta R.T. 0.00 min  
Lab File: VW008595.D  
Acq: 11 Feb 2019 14:15

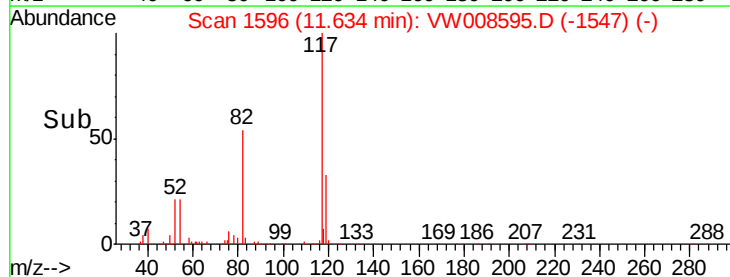
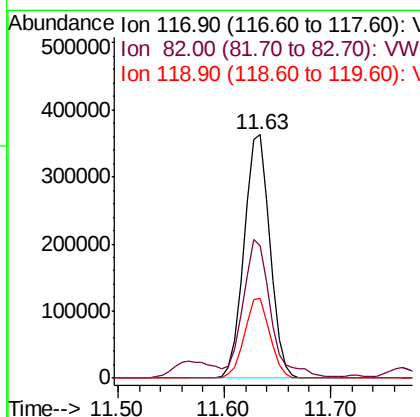
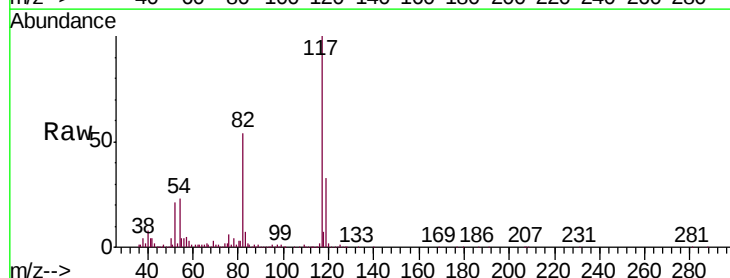
Instrument :  
MSVOA\_W  
ClientSampleId :  
SB-03(12-13)

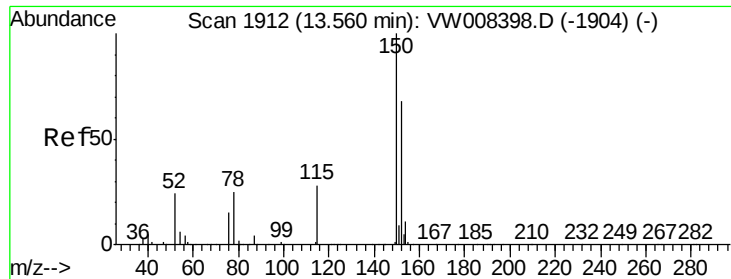
Tgt Ion: 95 Resp: 411612  
Ion Ratio Lower Upper  
95 100  
174 63.7 0.0 157.6  
176 62.3 0.0 151.8



#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.63 min Scan# 1596  
Delta R.T. 0.00 min  
Lab File: VW008595.D  
Acq: 11 Feb 2019 14:15

Tgt Ion: 117 Resp: 621059  
Ion Ratio Lower Upper  
117 100  
82 53.8 45.4 68.0  
119 32.9 26.2 39.4





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.56 min Scan# 1912

Delta R.T. 0.00 min

Lab File: VW008595.D

Acq: 11 Feb 2019 14:15

Instrument :

MSVOA\_W

ClientSampleId :

SB-03(12-13)

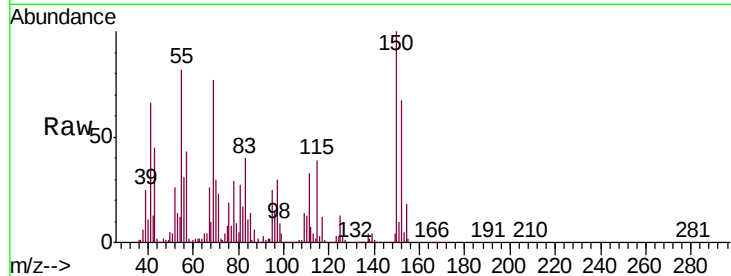
Tgt Ion:152 Resp: 435384

Ion Ratio Lower Upper

152 100

115 50.4 29.9 89.7

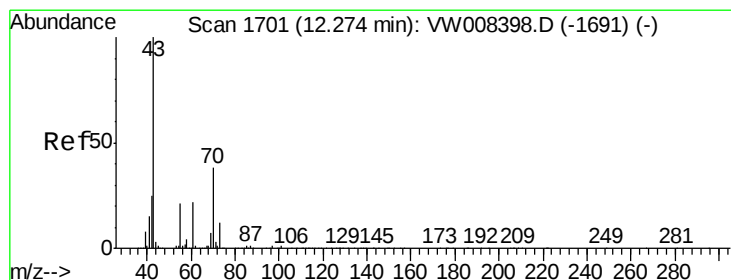
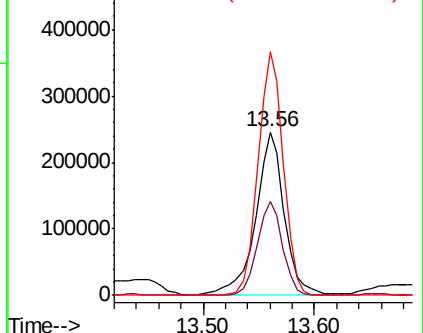
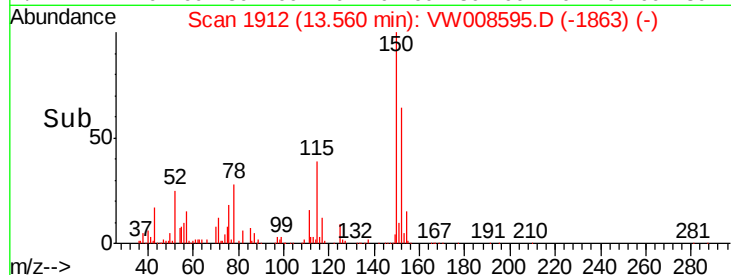
150 132.1 0.0 351.4



Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V



#74

N-ethyl acetate

Concen: 146.627 ug/l

RT: 12.26 min Scan# 1698

Delta R.T. -0.02 min

Lab File: VW008595.D

Acq: 11 Feb 2019 14:15

Tgt Ion: 43 Resp: 1226082

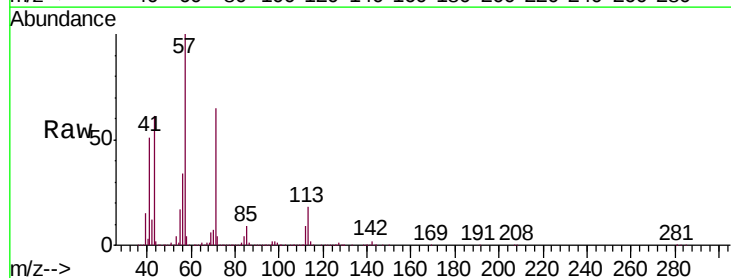
Ion Ratio Lower Upper

43 100

70 14.9 31.0 46.6#

55 29.6 17.4 26.2#

61 0.0 18.2 27.4#

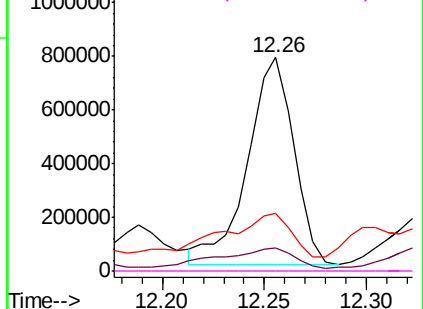
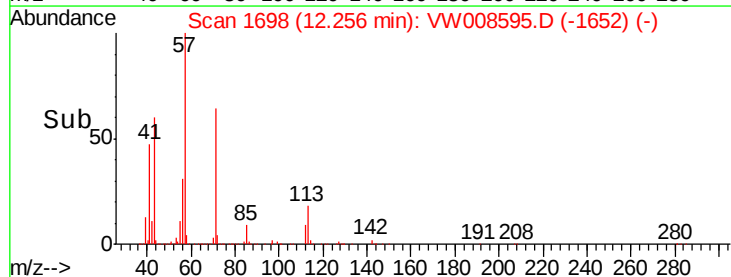


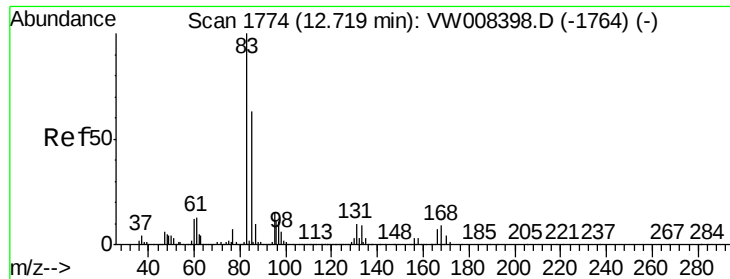
Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 70.00 (69.70 to 70.70): VW

Ion 55.00 (54.70 to 55.70): VW

Ion 61.00 (60.70 to 61.70): VW

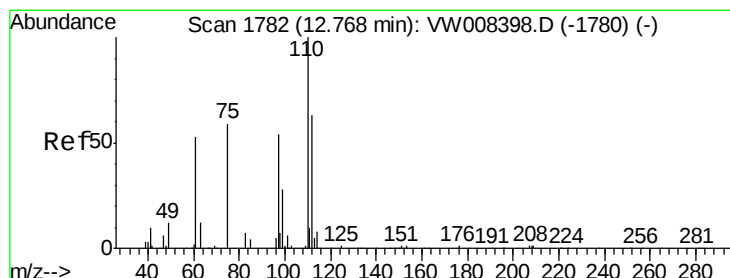
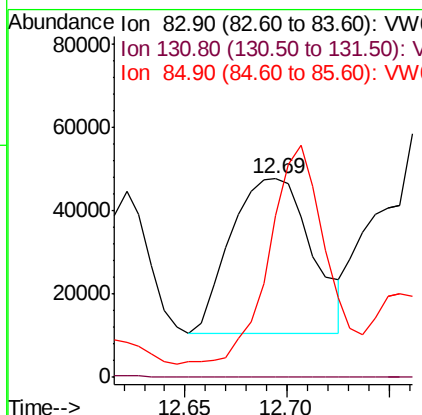
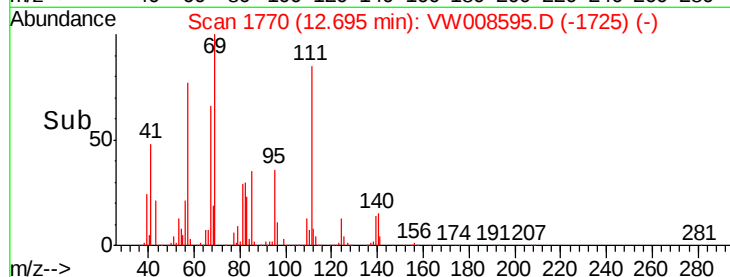
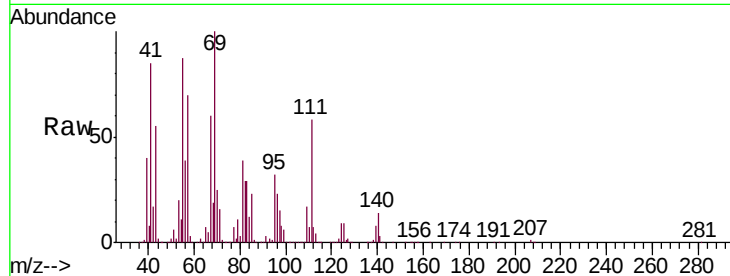




#75  
 1,1,2,2-Tetrachloroethane  
 Concen: 19.980 ug/l  
 RT: 12.69 min Scan# 1770  
 Delta R.T. -0.02 min  
 Lab File: VW008595.D  
 Acq: 11 Feb 2019 14:15

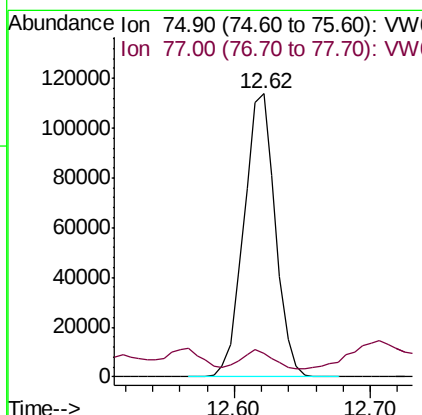
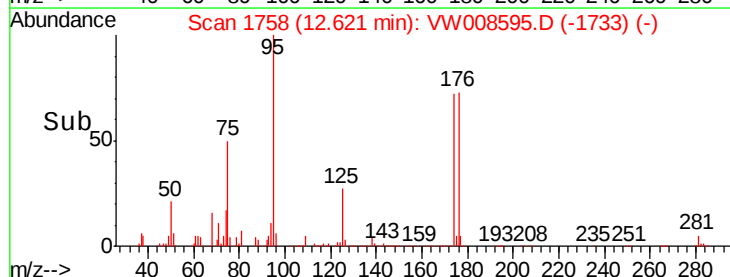
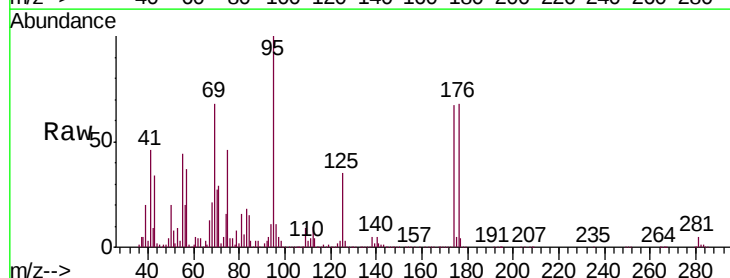
Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 SB-03(12-13)

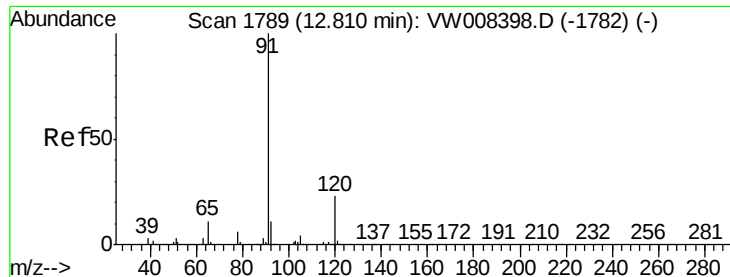
Tgt Ion: 83 Resp: 102674  
 Ion Ratio Lower Upper  
 83 100  
 131 0.0 5.5 16.4#  
 85 99.0 31.9 95.5#



#76  
 1,2,3-Trichloropropane  
 Concen: 48.194 ug/l  
 RT: 12.62 min Scan# 1758  
 Delta R.T. -0.15 min  
 Lab File: VW008595.D  
 Acq: 11 Feb 2019 14:15

Tgt Ion: 75 Resp: 182431  
 Ion Ratio Lower Upper  
 75 100  
 77 5.9 180.7 542.1#





#78

n-propylbenzene

Concen: 1.073 ug/l

RT: 12.78 min Scan# 1784

Delta R.T. -0.03 min

Lab File: VW008595.D

Acq: 11 Feb 2019 14:15

Instrument :

MSVOA\_W

ClientSampled :

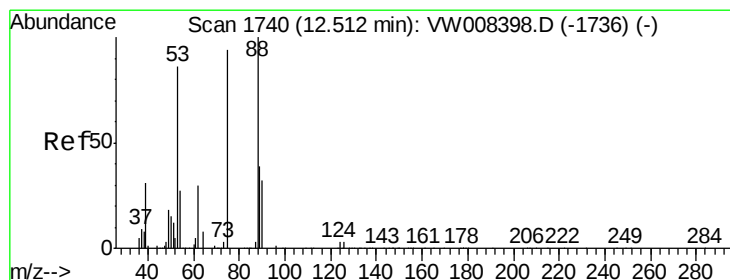
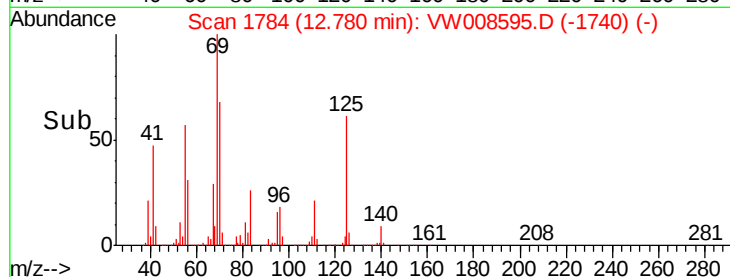
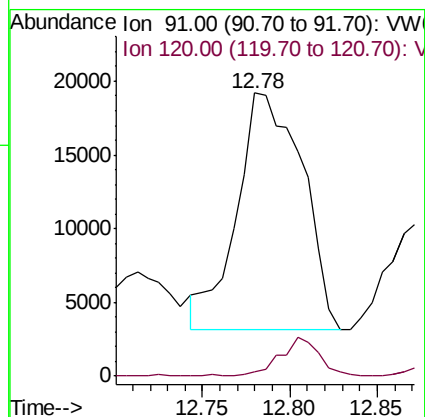
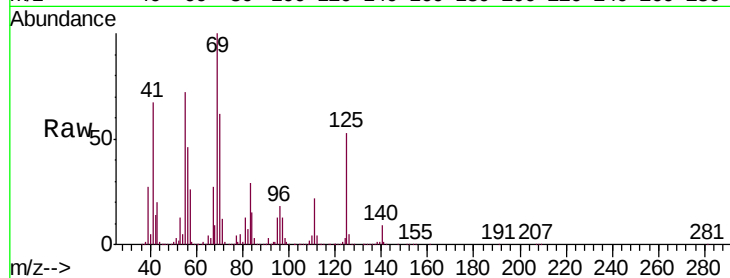
SB-03(12-13)

Tgt Ion: 91 Resp: 41841

Ion Ratio Lower Upper

91 100

120 0.0 11.4 34.1#



#81

trans-1,4-Dichloro-2-butene

Concen: 95.187 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.11 min

Lab File: VW008595.D

Acq: 11 Feb 2019 14:15

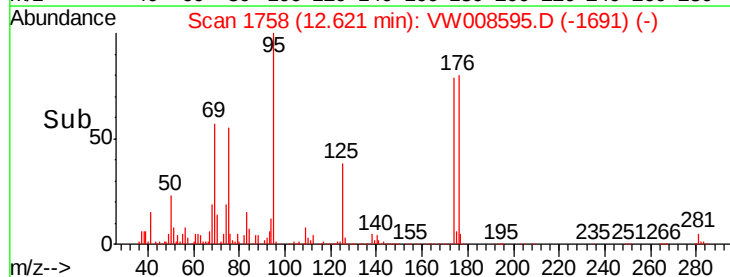
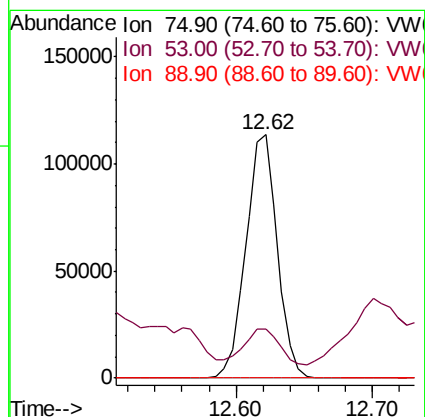
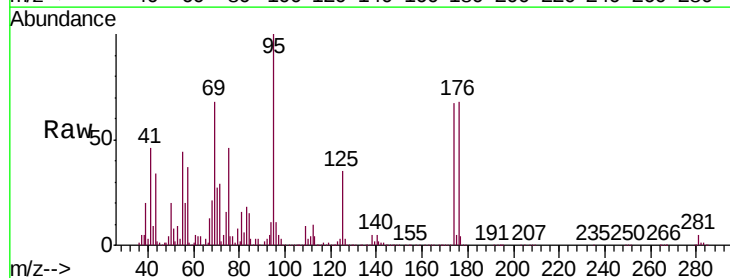
Tgt Ion: 75 Resp: 182431

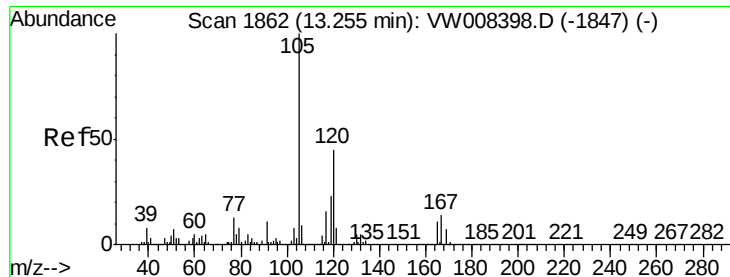
Ion Ratio Lower Upper

75 100

53 16.8 76.0 114.0#

89 0.0 35.4 53.0#

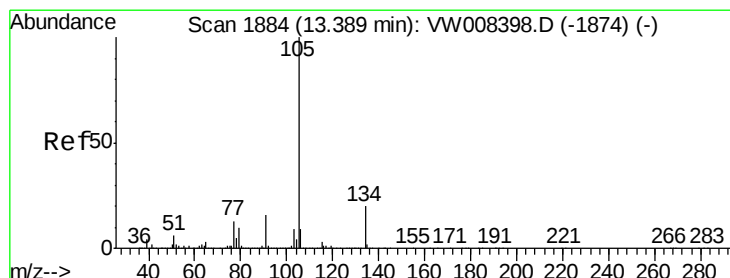
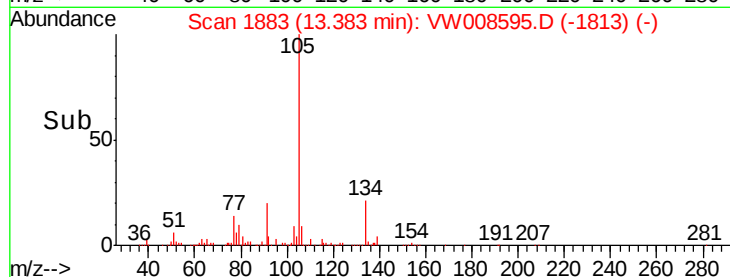
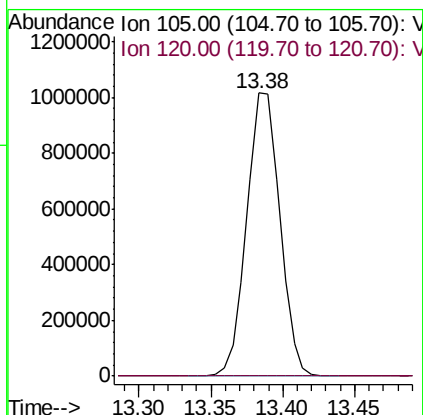
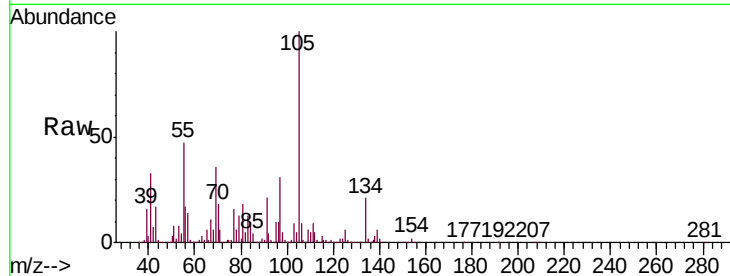




#84  
 1,2,4-Trimethylbenzene  
 Concen: 58.474 ug/l  
 RT: 13.38 min Scan# 1883  
 Delta R.T. 0.13 min  
 Lab File: VW008595.D  
 Acq: 11 Feb 2019 14:15

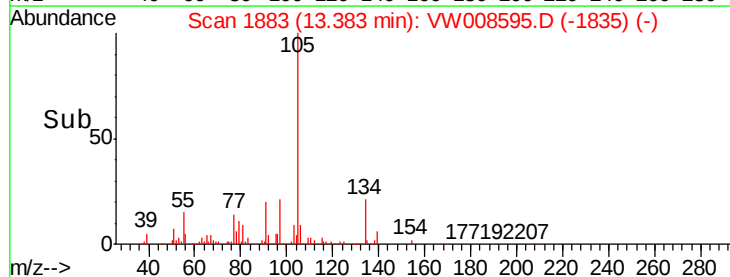
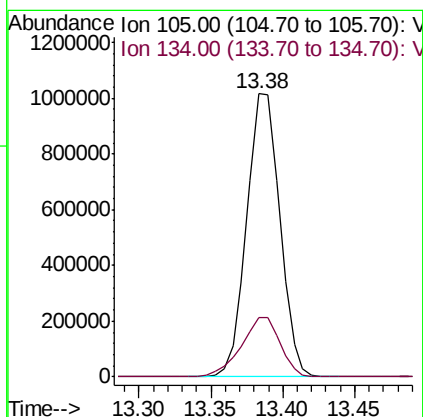
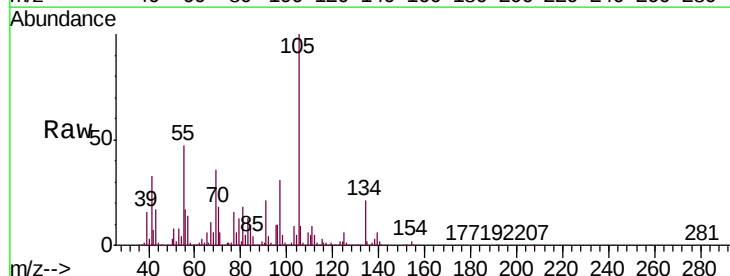
Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 SB-03(12-13)

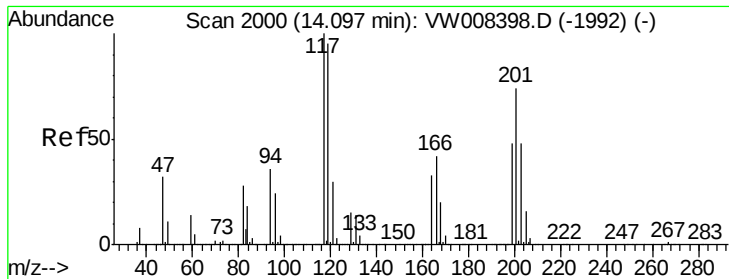
Tgt Ion:105 Resp: 1612458  
 Ion Ratio Lower Upper  
 105 100  
 120 0.2 23.1 69.2#



#85  
 sec-Butylbenzene  
 Concen: 46.767 ug/l  
 RT: 13.38 min Scan# 1883  
 Delta R.T. -0.01 min  
 Lab File: VW008595.D  
 Acq: 11 Feb 2019 14:15

Tgt Ion:105 Resp: 1612458  
 Ion Ratio Lower Upper  
 105 100  
 134 24.8 10.2 30.6





#90

Hexachloroethane

Concen: 3.497 ug/l

RT: 14.10 min Scan# 2000

Delta R.T. 0.00 min

Lab File: VW008595.D

Acq: 11 Feb 2019 14:15

Instrument :

MSVOA\_W

ClientSampleId :

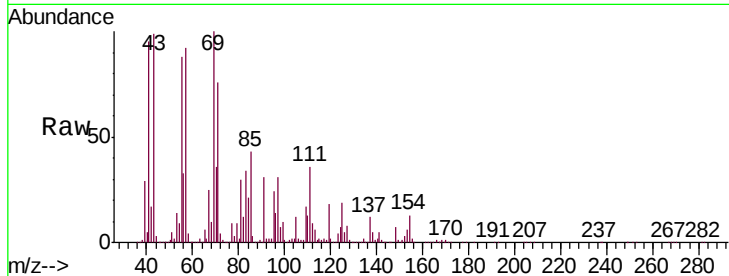
SB-03(12-13)

Tgt Ion: 117 Resp: 20657

Ion Ratio Lower Upper

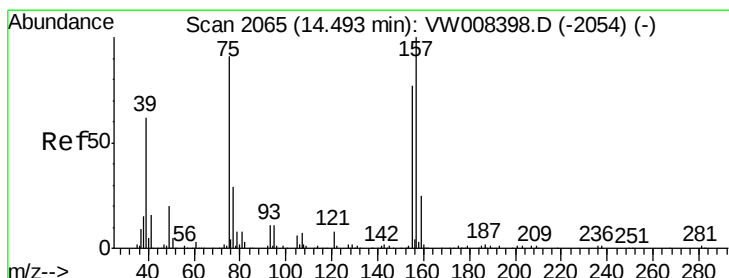
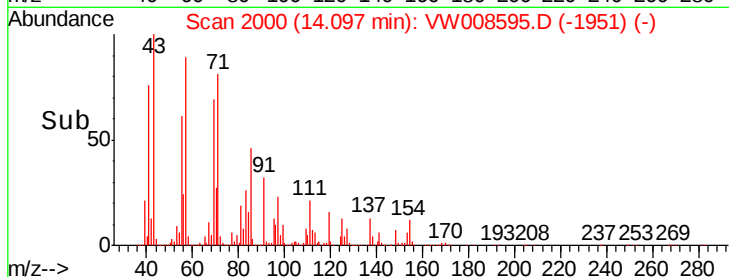
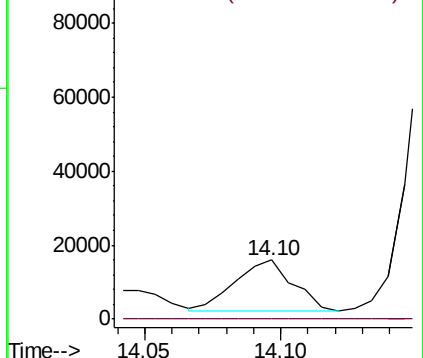
117 100

201 0.0 39.1 117.5#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 18.025 ug/l

RT: 14.51 min Scan# 2067

Delta R.T. 0.01 min

Lab File: VW008595.D

Acq: 11 Feb 2019 14:15

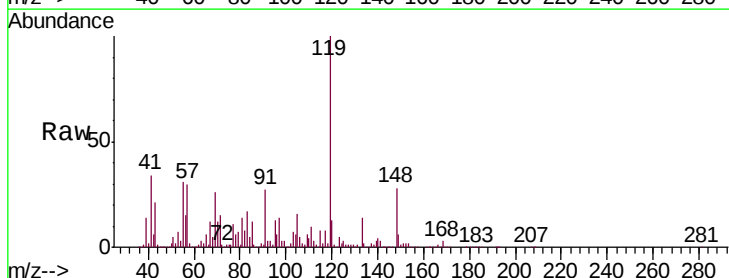
Tgt Ion: 75 Resp: 17575

Ion Ratio Lower Upper

75 100

155 0.0 42.7 128.1#

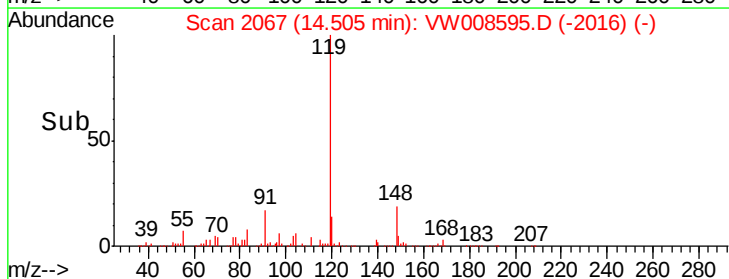
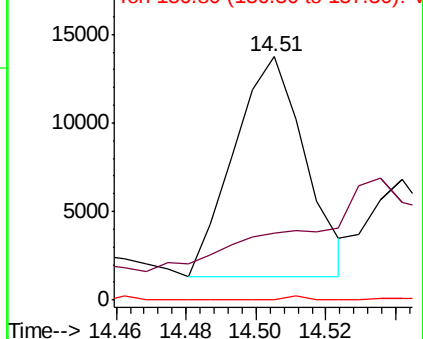
157 0.6 55.5 166.3#

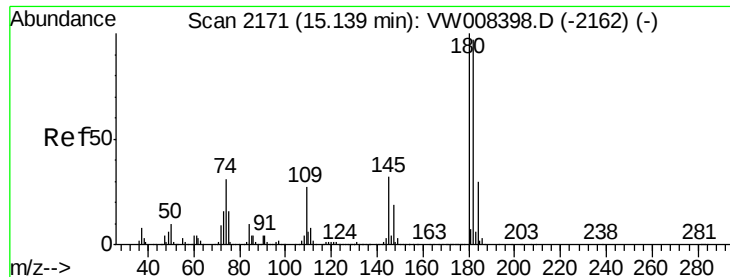


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

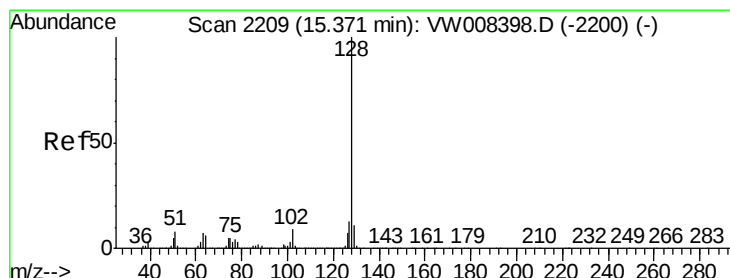
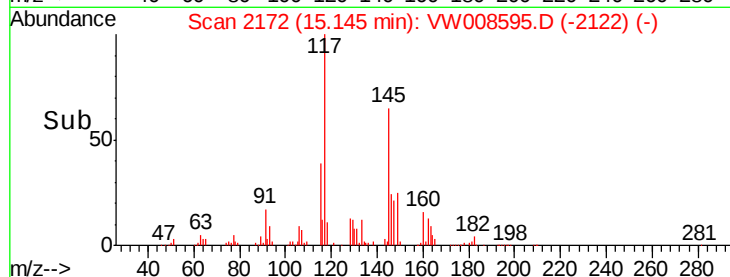
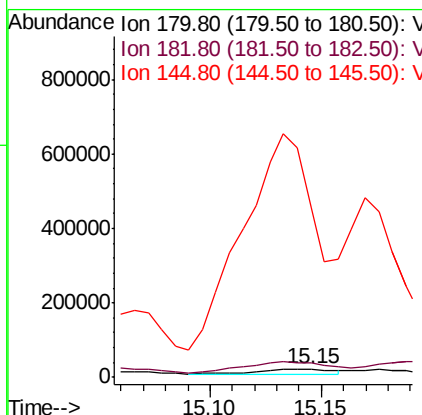
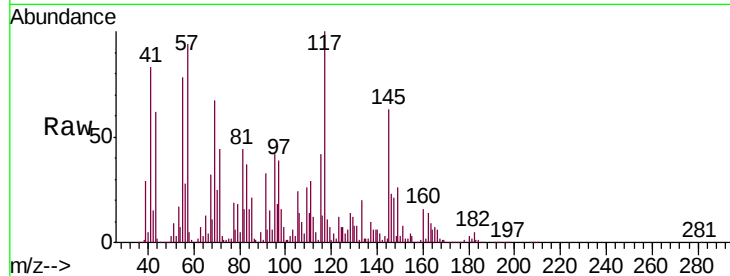




#93  
 1,2,4-Trichlorobenzene  
 Concen: 3.675 ug/l  
 RT: 15.15 min Scan# 2172  
 Delta R.T. 0.01 min  
 Lab File: VW008595.D  
 Acq: 11 Feb 2019 14:15

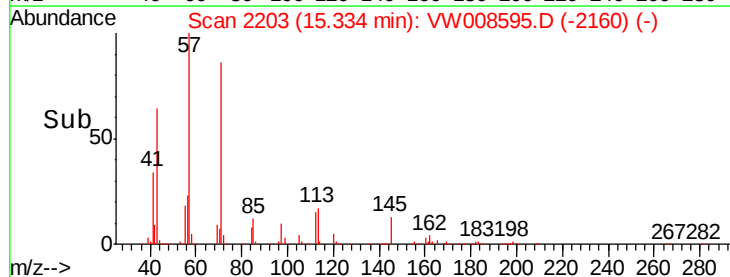
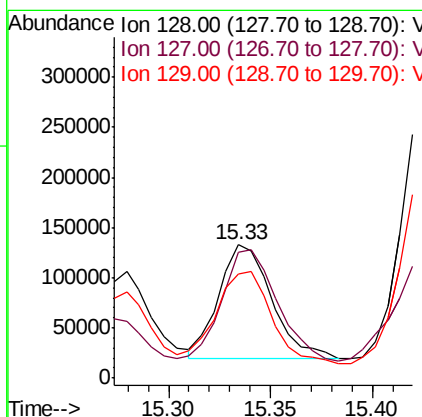
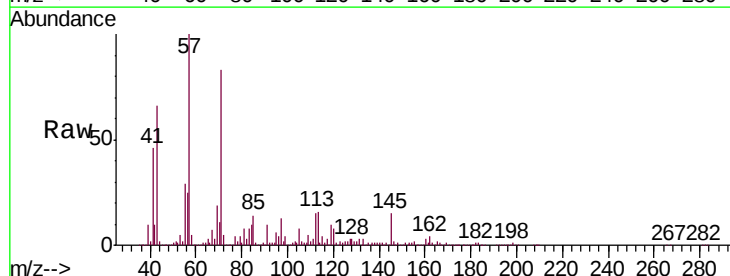
Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 SB-03(12-13)

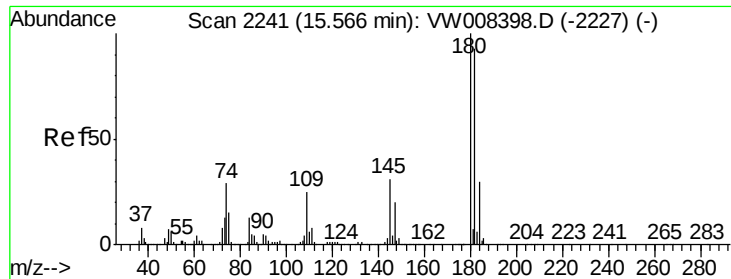
Tgt Ion:180 Resp: 33219  
 Ion Ratio Lower Upper  
 180 100  
 182 230.8 47.9 143.7#  
 145 4535.6 15.5 46.5#



#95  
 Naphthalene  
 Concen: 12.907 ug/l  
 RT: 15.33 min Scan# 2203  
 Delta R.T. -0.04 min  
 Lab File: VW008595.D  
 Acq: 11 Feb 2019 14:15

Tgt Ion:128 Resp: 204855  
 Ion Ratio Lower Upper  
 128 100  
 127 101.5 10.6 15.8#  
 129 84.7 8.7 13.1#

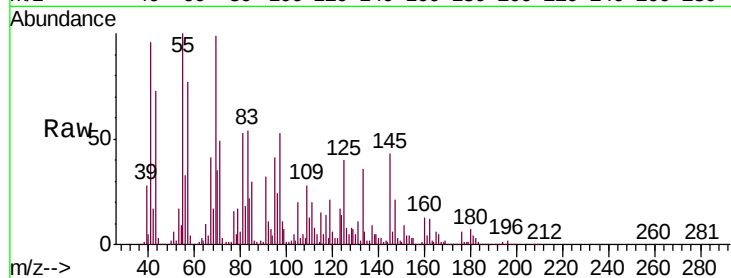




#96  
 1,2,3-Trichlorobenzene  
 Concen: 7.184 ug/l  
 RT: 15.58 min Scan# 2244  
 Delta R.T. 0.02 min  
 Lab File: VW008595.D  
 Acq: 11 Feb 2019 14:15

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 SB-03(12-13)

Tgt Ion:180 Resp: 55086  
 Ion Ratio Lower Upper  
 180 100  
 182 0.0 47.0 141.2#  
 145 3048.9 15.9 47.6#



Abundance Ion 179.80 (179.50 to 180.50): V  
 Ion 181.80 (181.50 to 182.50): V  
 Ion 144.90 (144.60 to 145.60): V

