

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX070919\  
 Data File : VX010758.D  
 Acq On : 09 Jul 2019 18:07  
 Operator : JC/SP  
 Sample : PB121213TB  
 Misc : 5.0mL/MSVOA X/WATER  
 ALS Vial : 22 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 PB121213TB

Quant Time: Jul 10 02:13:10 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_X\METHOD\82X061919W.M  
 Quant Title : SW846 8260  
 QLast Update : Thu Jun 20 03:31:56 2019  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) Pentafluorobenzene      | 5.67  | 168  | 224483   | 50.00 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 6.86  | 114  | 349996   | 50.00 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 10.11 | 117  | 329337   | 50.00 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 12.08 | 152  | 152433   | 50.00 | ug/l  | 0.00     |

| System Monitoring Compounds | R.T.  | QIon | Response | Conc  | Units   | Dev(Min) |
|-----------------------------|-------|------|----------|-------|---------|----------|
| 33) 1,2-Dichloroethane-d4   | 6.06  | 65   | 113681   | 54.01 | ug/l    | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 108.02% |          |
| 35) Dibromofluoromethane    | 5.50  | 113  | 105990   | 49.50 | ug/l    | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 99.00%  |          |
| 50) Toluene-d8              | 8.71  | 98   | 428976   | 52.36 | ug/l    | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 104.72% |          |
| 62) 4-Bromofluorobenzene    | 11.13 | 95   | 145101   | 49.06 | ug/l    | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 98.12%  |          |

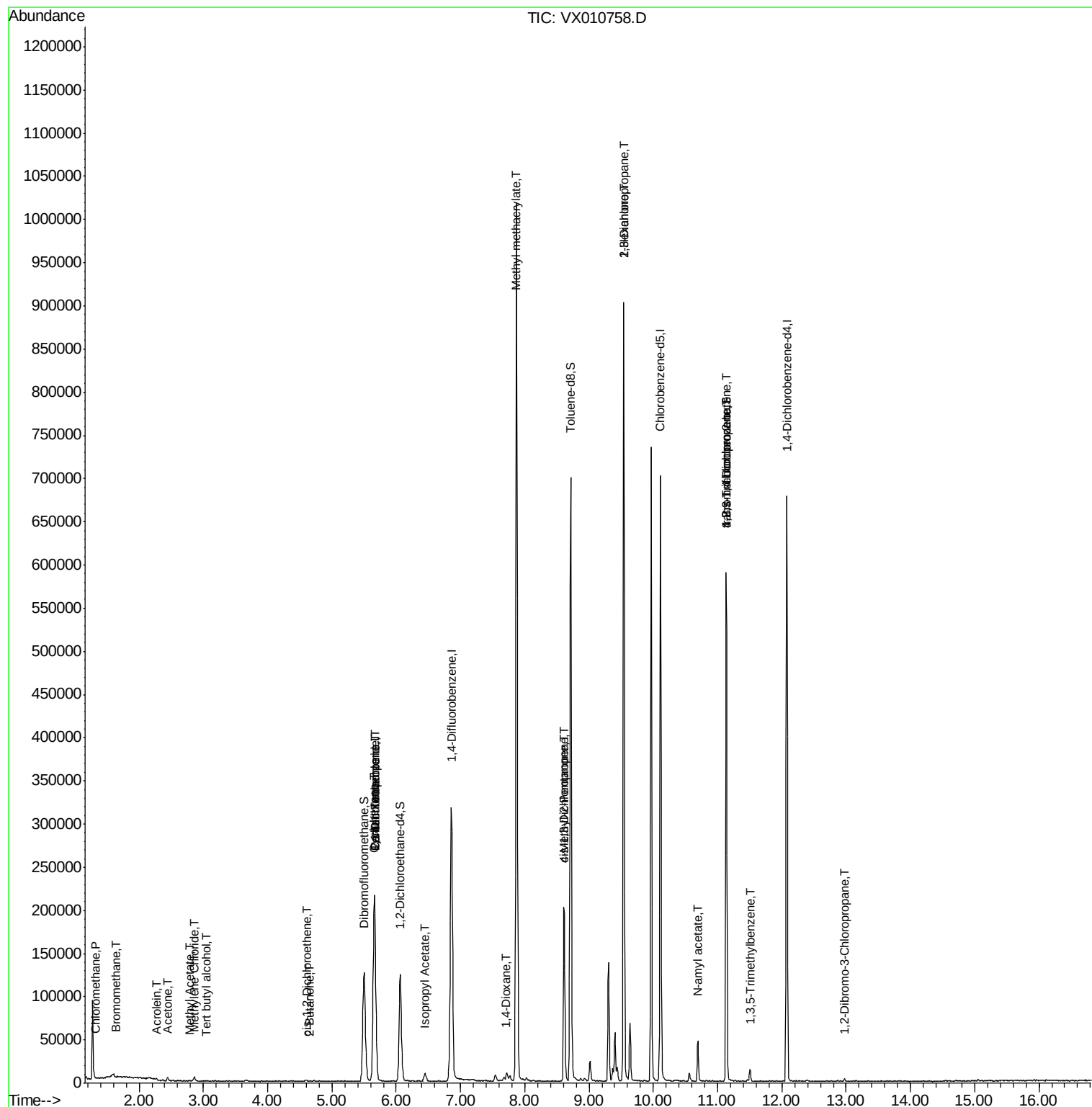
| Target Compounds               | R.T.  | QIon | Response | Conc   | Units  | Qvalue |
|--------------------------------|-------|------|----------|--------|--------|--------|
| 3) Chloromethane               | 1.32  | 50   | 378      | 0.208  | ug/l # | 65     |
| 5) Bromomethane                | 1.65  | 94   | 389      | 0.401  | ug/l # | 58     |
| 11) Tert butyl alcohol         | 3.05  | 59   | 237      | 0.430  | ug/l # | 80     |
| 13) Acrolein                   | 2.28  | 56   | 279      | 0.764  | ug/l # | 49     |
| 16) Acetone                    | 2.45  | 43   | 4365     | 4.138  | ug/l # | 71     |
| 18) Methyl Acetate             | 2.78  | 43   | 1238     | 0.589  | ug/l   | 92     |
| 20) Methylene Chloride         | 2.86  | 84   | 2209     | 1.018  | ug/l   | 88     |
| 25) 2-Butanone                 | 4.65  | 43   | 319      | 0.206  | ug/l # | 46     |
| 27) cis-1,2-Dichloroethene     | 4.61  | 96   | 486      | 0.201  | ug/l   | 71     |
| 31) Cyclohexane                | 5.65  | 56   | 4086     | 1.344  | ug/l # | 15     |
| 36) 1,1-Dichloropropene        | 5.66  | 75   | 14600    | 5.249  | ug/l # | 43     |
| 38) Carbon Tetrachloride       | 5.66  | 117  | 20498    | 6.806  | ug/l # | 14     |
| 43) Isopropyl Acetate          | 6.45  | 43   | 12511    | 2.643  | ug/l   | 99     |
| 48) Methyl methacrylate        | 7.87  | 41   | 81672    | 37.117 | ug/l # | 38     |
| 49) 1,4-Dioxane                | 7.71  | 88   | 22       | 0.347  | ug/l # | 1      |
| 51) 4-Methyl-2-Pentanone       | 8.61  | 43   | 64460    | 21.291 | ug/l # | 47     |
| 54) cis-1,3-Dichloropropene    | 8.62  | 75   | 34059    | 9.716  | ug/l # | 63     |
| 57) 1,3-Dichloropropane        | 9.54  | 76   | 8454     | 2.314  | ug/l # | 43     |
| 59) 2-Hexanone                 | 9.54  | 43   | 99355    | 41.696 | ug/l # | 50     |
| 74) N-amyl acetate             | 10.69 | 43   | 10123    | 2.592  | ug/l # | 52     |
| 76) 1,2,3-Trichloropropane     | 11.13 | 75   | 71358    | 25.689 | ug/l # | 33     |
| 80) 1,3,5-Trimethylbenzene     | 11.51 | 105  | 5769     | 0.677  | ug/l   | 90     |
| 81) trans-1,4-Dichloro-2-buten | 11.13 | 75   | 71358    | 59.931 | ug/l # | 16     |
| 92) 1,2-Dibromo-3-Chloropropan | 12.97 | 75   | 439      | 0.595  | ug/l # | 1      |

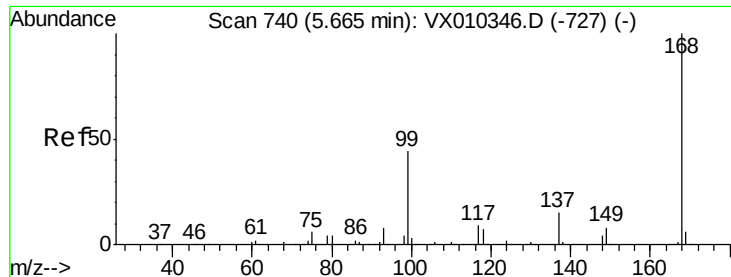
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_X\METHOD\82X061919W.M  
Quant Title : SW846 8260  
QLast Update : Thu Jun 20 03:31:56 2019  
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.00 min

Lab File: VX010758.D

Acq: 09 Jul 2019 18:07

Instrument :

MSVOA\_X

ClientSampleId :

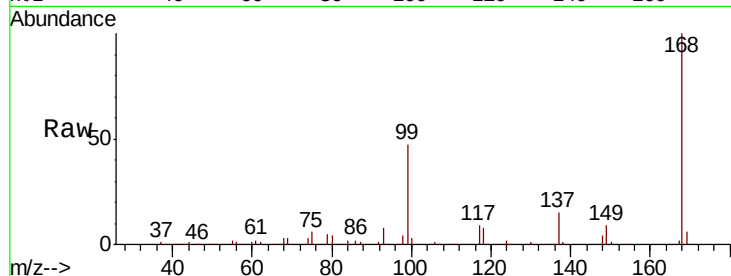
PB121213TB

Tot Ion:168 Resp: 224483

Ion Ratio Lower Upper

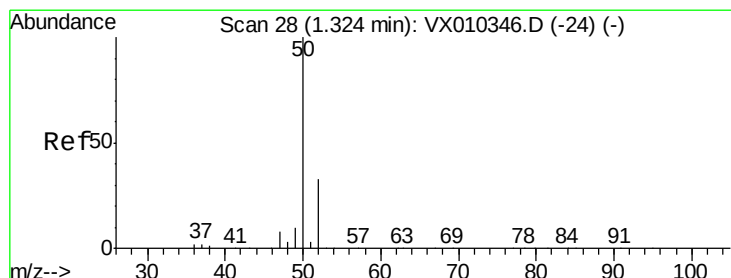
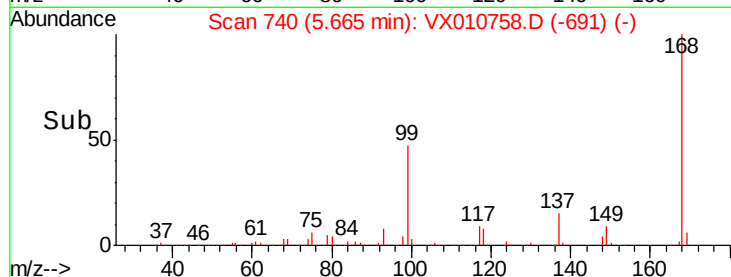
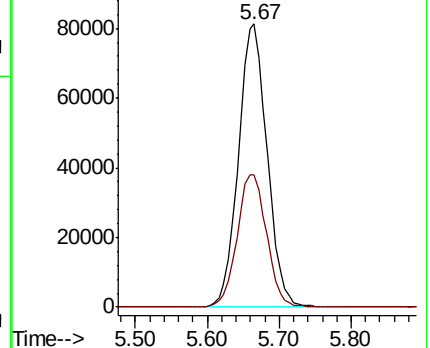
168 100

99 46.9 35.5 53.3



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#3

Chloromethane

Concen: 0.208 ug/l

RT: 1.32 min Scan# 28

Delta R.T. 0.00 min

Lab File: VX010758.D

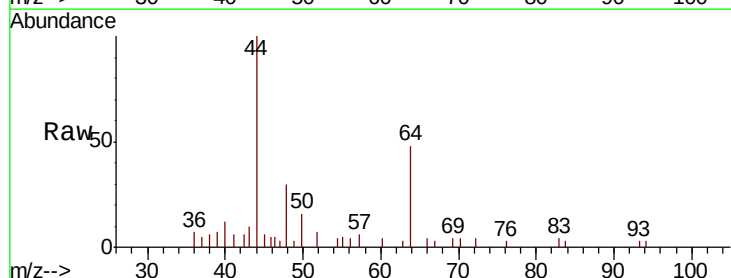
Acq: 09 Jul 2019 18:07

Tgt Ion: 50 Resp: 378

Ion Ratio Lower Upper

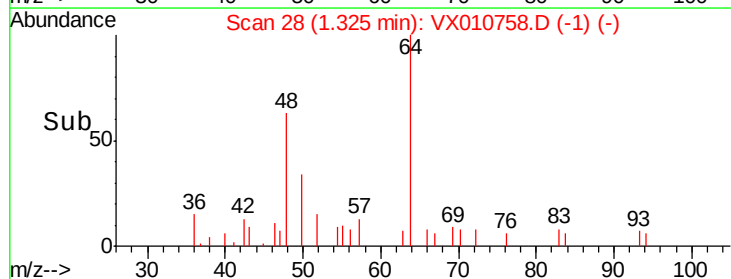
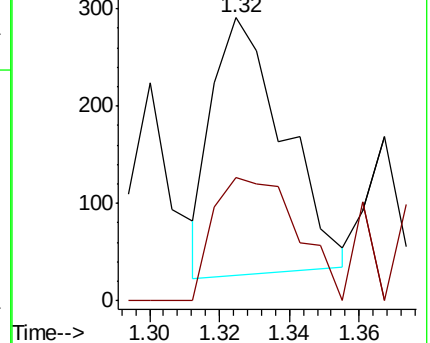
50 100

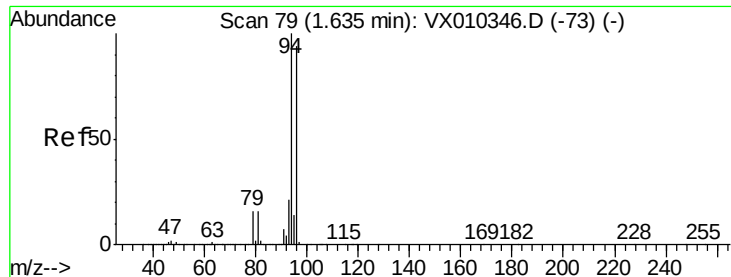
52 53.2 26.5 39.7#



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0





#5

Bromomethane

Concen: 0.401 ug/l

RT: 1.65 min Scan# 81

Delta R.T. 0.01 min

Lab File: VX010758.D

Acq: 09 Jul 2019 18:07

Instrument :

MSVOA\_X

ClientSampleId :

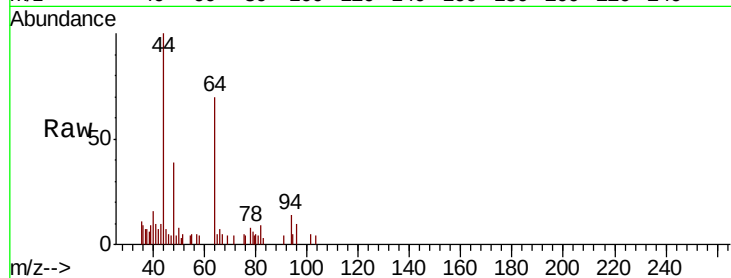
PB121213TB

Tot Ion: 94 Resp: 389

Ion Ratio Lower Upper

94 100

96 54.1 75.5 113.3#



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

250

200

150

100

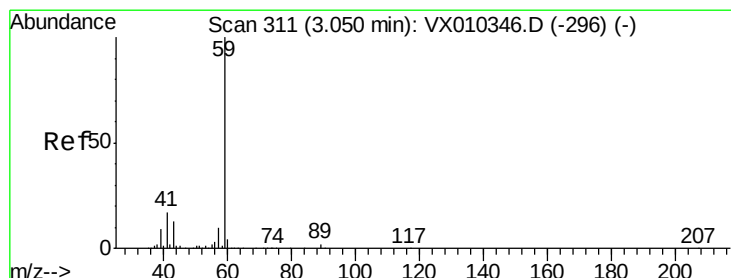
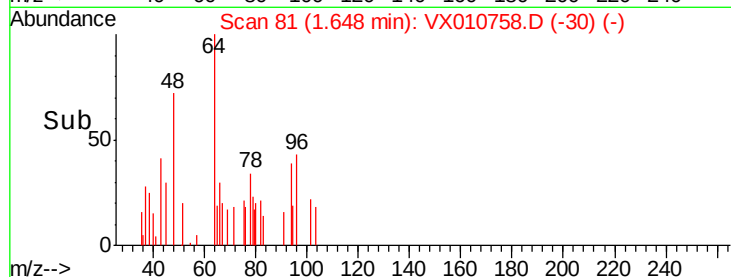
50

0

1.65

1.70

Time-->



#11

Tert butyl alcohol

Concen: 0.430 ug/l

RT: 3.05 min Scan# 311

Delta R.T. 0.00 min

Lab File: VX010758.D

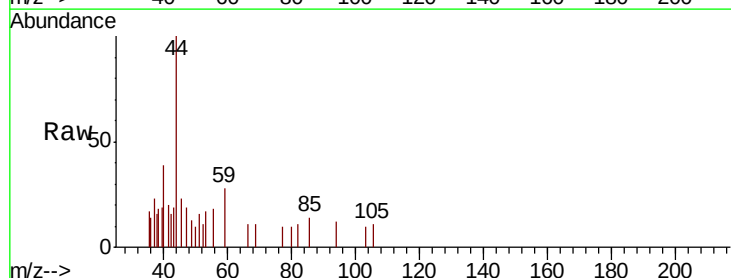
Acq: 09 Jul 2019 18:07

Tgt Ion: 59 Resp: 237

Ion Ratio Lower Upper

59 100

57 16.9 7.7 11.5#



Abundance Ion 59.00 (58.70 to 59.70): VX0

Ion 57.00 (56.70 to 57.70): VX0

150

100

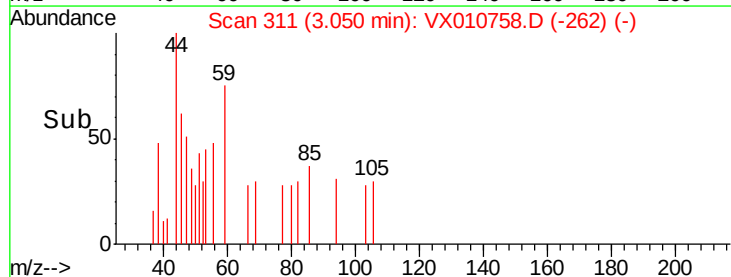
50

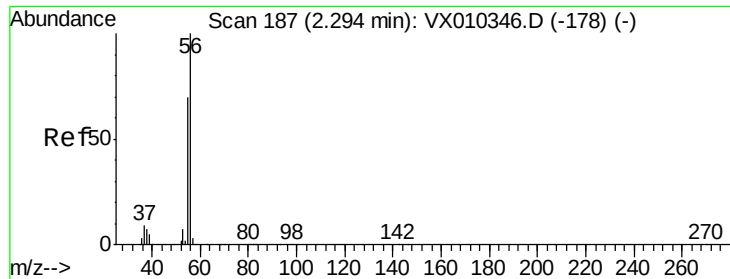
0

3.05

3.10

Time-->





#13

Acrolein

Concen: 0.764 ug/l

RT: 2.28 min Scan# 184

Delta R.T. -0.02 min

Lab File: VX010758.D

Acq: 09 Jul 2019 18:07

Instrument :

MSVOA\_X

ClientSampleId :

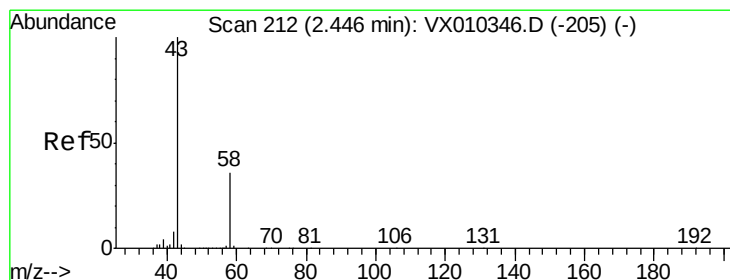
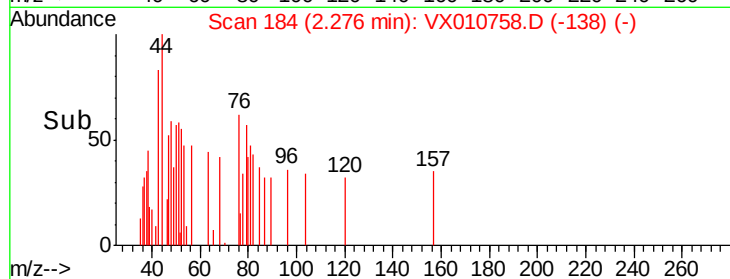
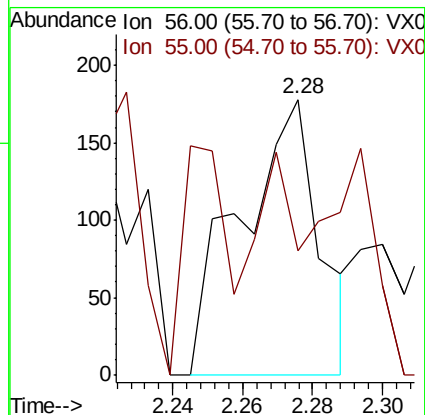
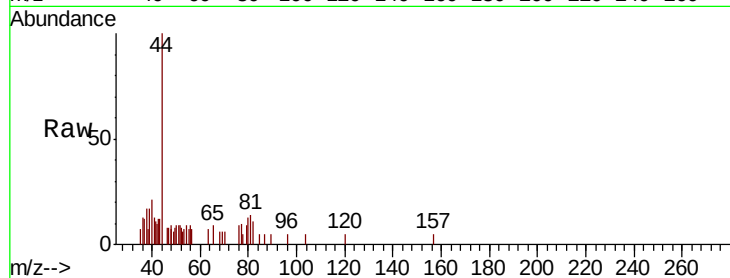
PB121213TB

Tot Ion: 56 Resp: 279

Ion Ratio Lower Upper

56 100

55 28.7 56.9 85.3#



#16

Acetone

Concen: 4.138 ug/l

RT: 2.45 min Scan# 212

Delta R.T. 0.00 min

Lab File: VX010758.D

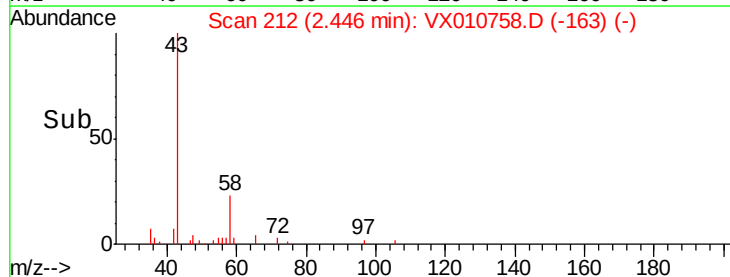
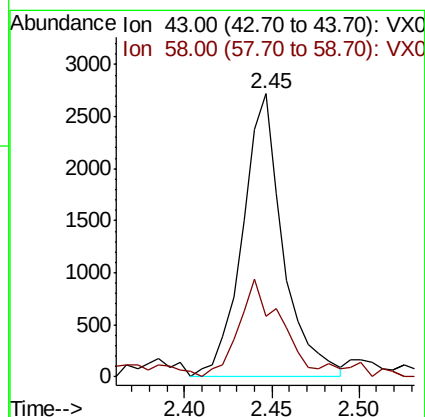
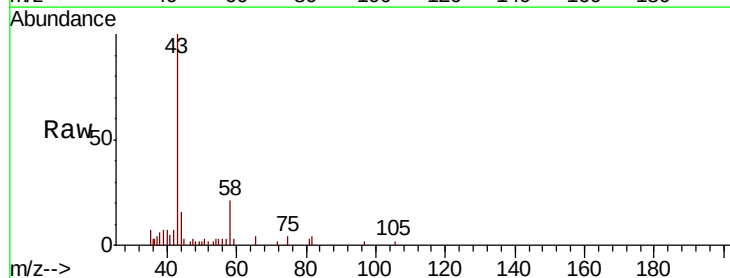
Acq: 09 Jul 2019 18:07

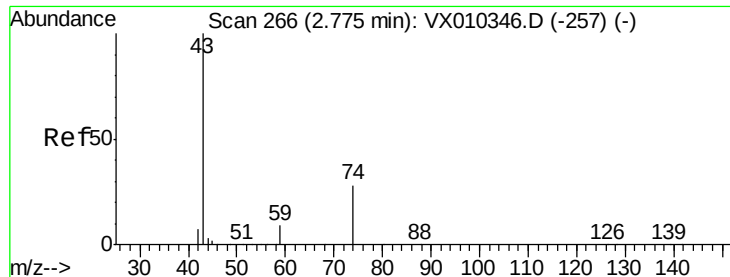
Tgt Ion: 43 Resp: 4365

Ion Ratio Lower Upper

43 100

58 19.2 28.9 43.3#

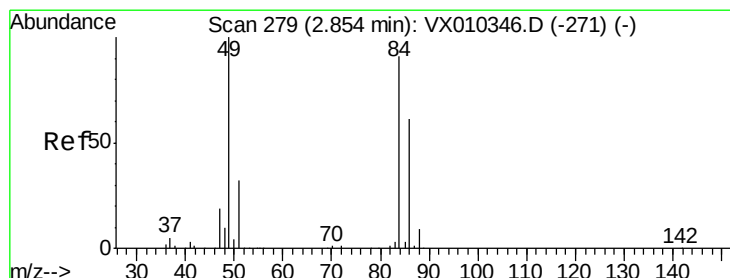
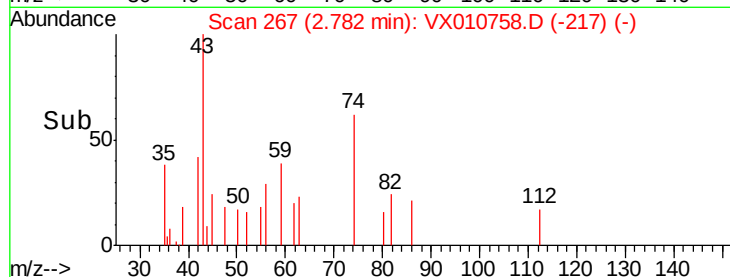
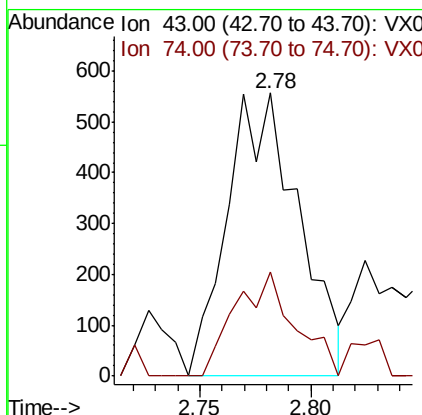
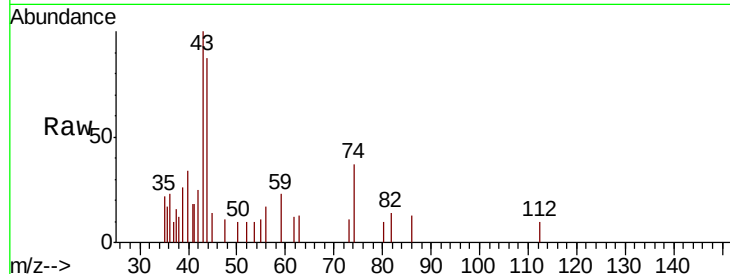




#18  
Methvl Acetate  
Concen: 0.589 ug/l  
RT: 2.78 min Scan# 267  
Delta R.T. 0.01 min  
Lab File: VX010758.D  
Acq: 09 Jul 2019 18:07

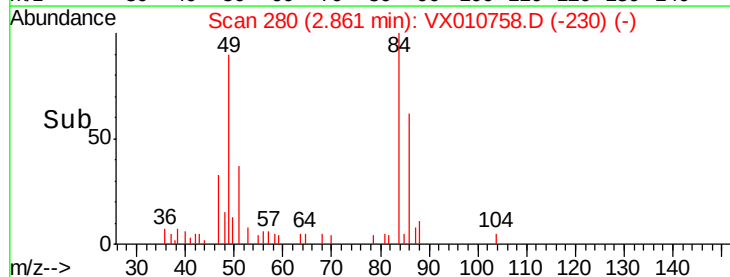
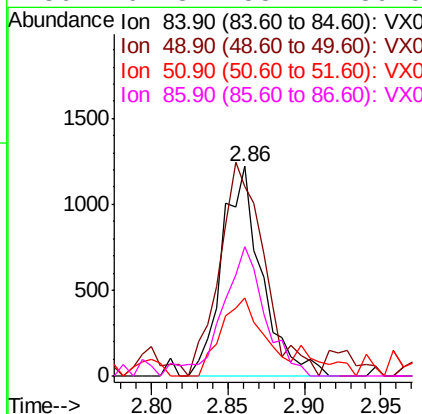
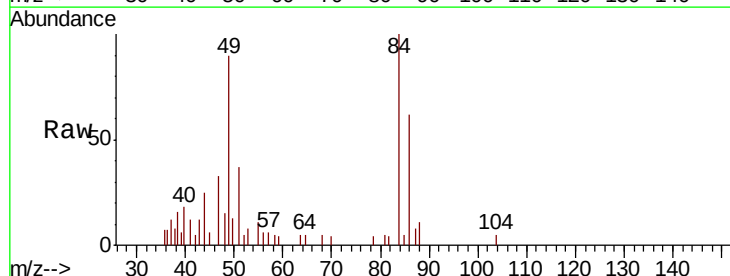
Instrument :  
MSVOA\_X  
ClientSampled :  
PB121213TB

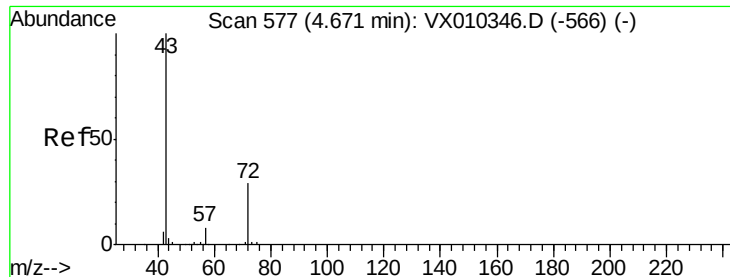
Tot Ion: 43 Resp: 1238  
Ion Ratio Lower Upper  
43 100  
74 30.7 21.3 31.9



#20  
Methylene Chloride  
Concen: 1.018 ug/l  
RT: 2.86 min Scan# 280  
Delta R.T. 0.01 min  
Lab File: VX010758.D  
Acq: 09 Jul 2019 18:07

Tgt Ion: 84 Resp: 2209  
Ion Ratio Lower Upper  
84 100  
49 90.2 87.5 131.3  
51 37.2 27.7 41.5  
86 61.8 53.4 80.0





#25

2-Butanone

Concen: 0.206 ug/l

RT: 4.65 min Scan# 573

Delta R.T. -0.02 min

Lab File: VX010758.D

Acq: 09 Jul 2019 18:07

Instrument :

MSVOA\_X

ClientSampled :

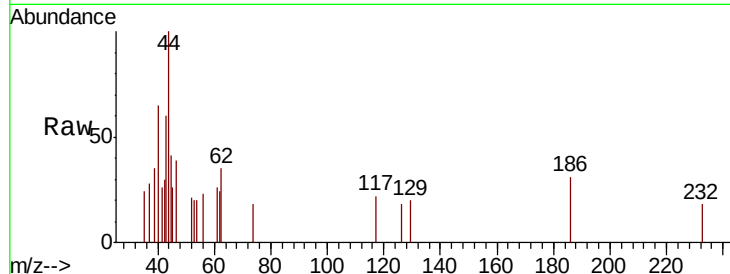
PB121213TB

Tot Ion: 43 Resp: 319

Ion Ratio Lower Upper

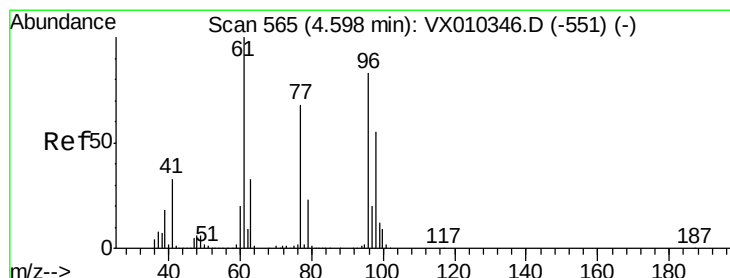
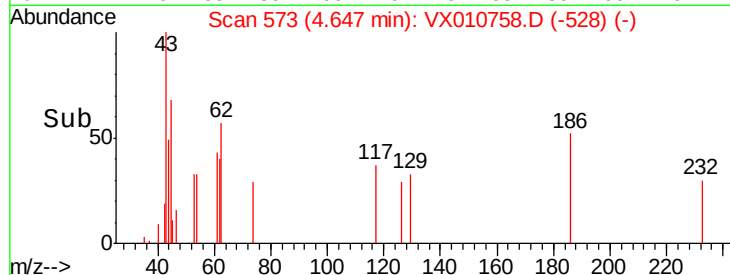
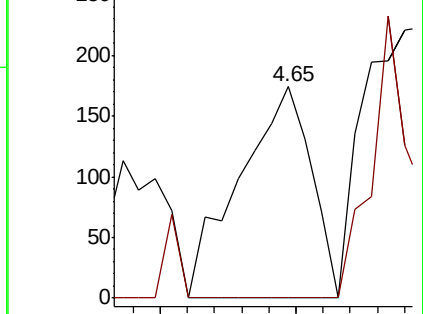
43 100

72 0.0 23.3 34.9#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#27

cis-1,2-Dichloroethene

Concen: 0.201 ug/l

RT: 4.61 min Scan# 567

Delta R.T. 0.01 min

Lab File: VX010758.D

Acq: 09 Jul 2019 18:07

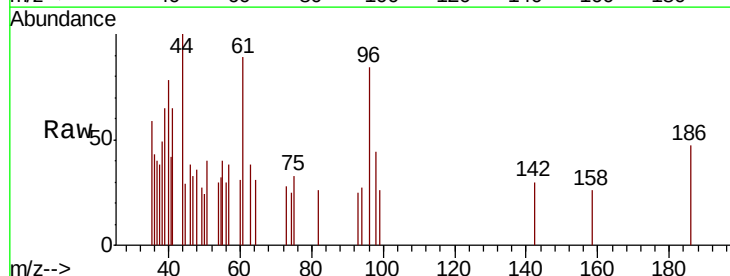
Tgt Ion: 96 Resp: 486

Ion Ratio Lower Upper

96 100

61 151.2 0.0 251.8

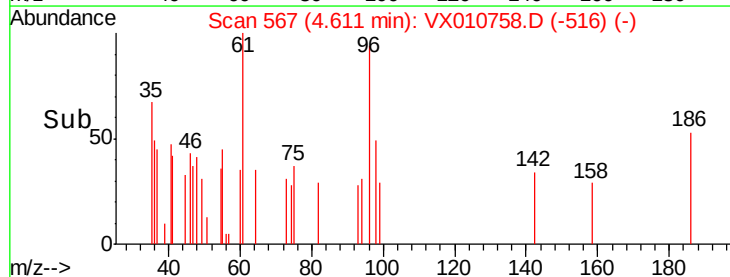
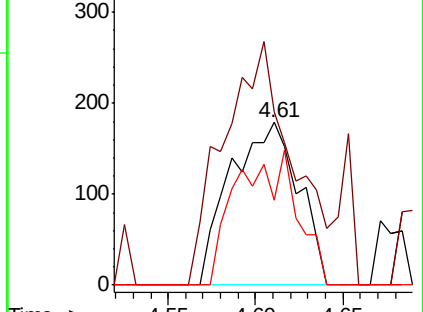
98 30.9 0.0 129.4

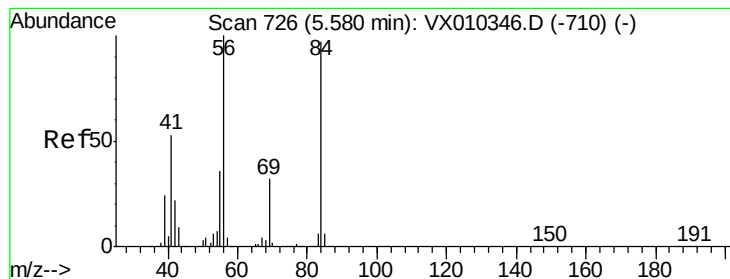


Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#31

Cyclohexane

Concen: 1.344 ug/l

RT: 5.65 min Scan# 738

Delta R.T. 0.07 min

Lab File: VX010758.D

Acq: 09 Jul 2019 18:07

Instrument :

MSVOA\_X

ClientSampleId :

PB121213TB

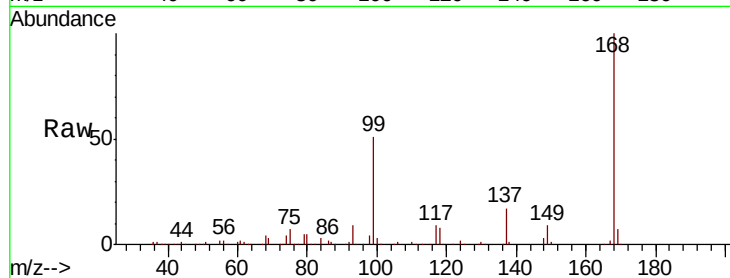
Tot Ion: 56 Resp: 4086

Ion Ratio Lower Upper

56 100

69 144.7 25.9 38.9#

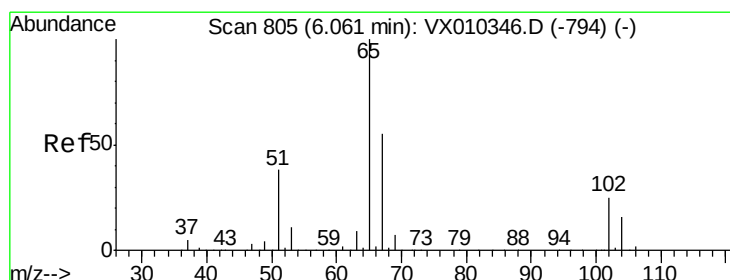
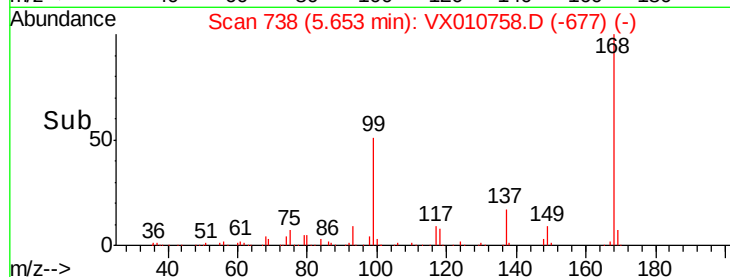
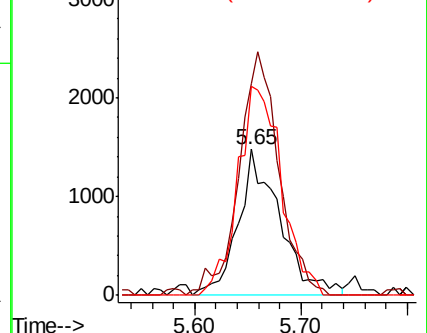
84 142.9 78.0 117.0#



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 84.00 (83.70 to 84.70): VX0



#33

1,2-Dichloroethane-d4

Concen: 54.012 ug/l

RT: 6.06 min Scan# 805

Delta R.T. 0.00 min

Lab File: VX010758.D

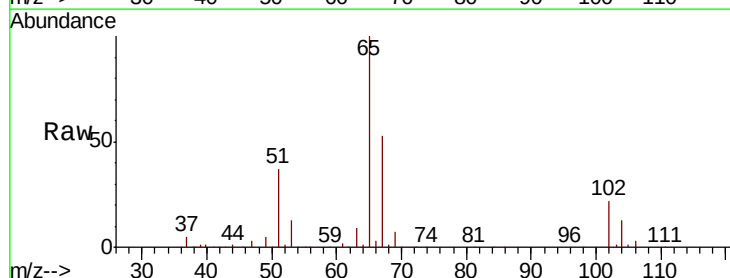
Acq: 09 Jul 2019 18:07

Tgt Ion: 65 Resp: 113681

Ion Ratio Lower Upper

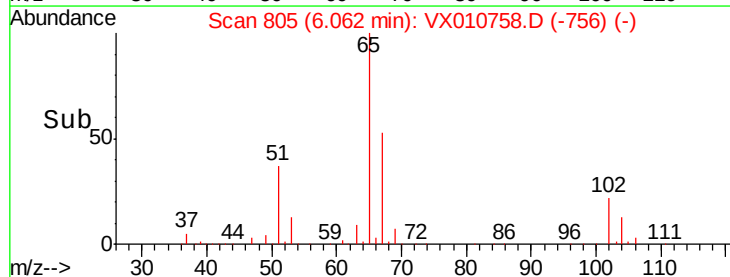
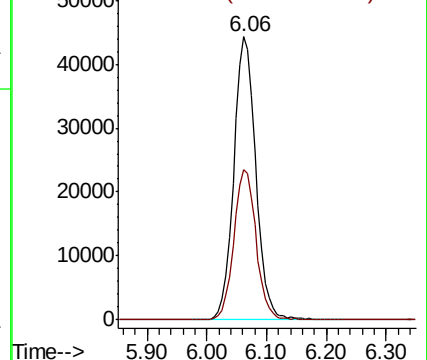
65 100

67 53.7 0.0 110.2

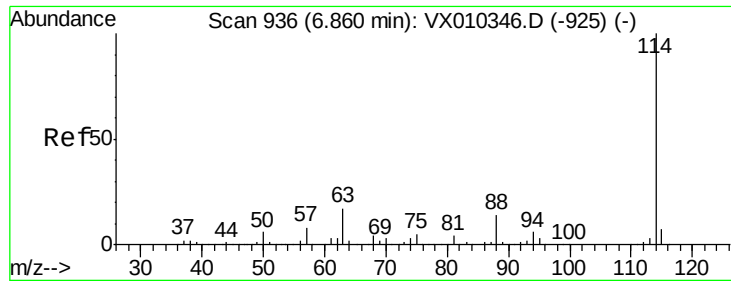


Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



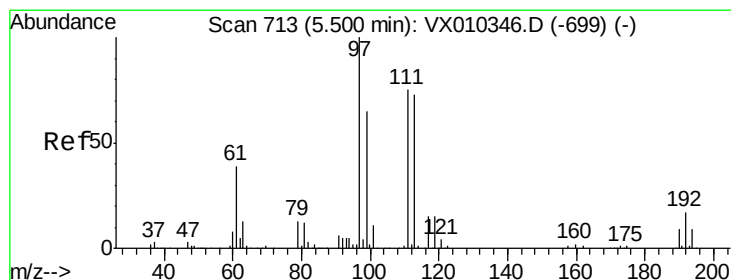
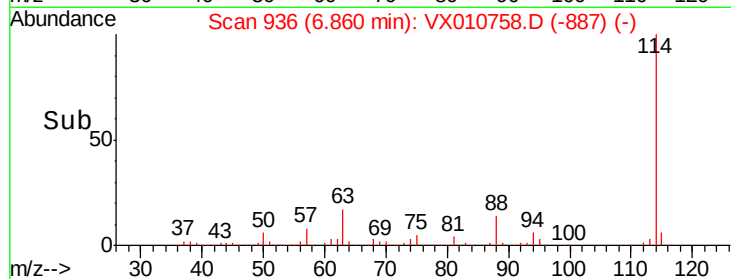
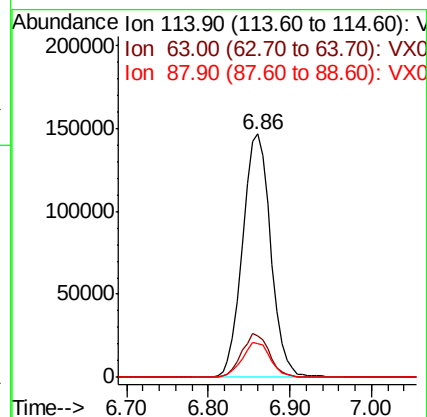
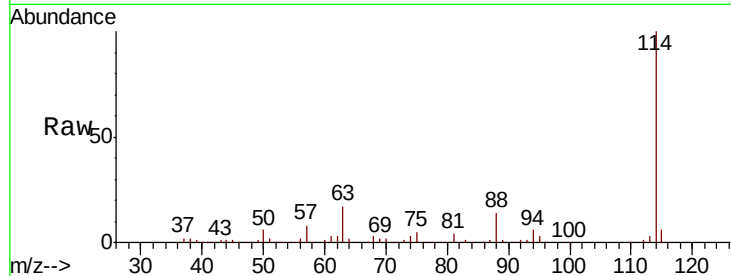




#34  
 1,4-Difluorobenzene  
 Concen: 50.000 ug/l  
 RT: 6.86 min Scan# 936  
 Delta R.T. 0.00 min  
 Lab File: VX010758.D  
 Acq: 09 Jul 2019 18:07

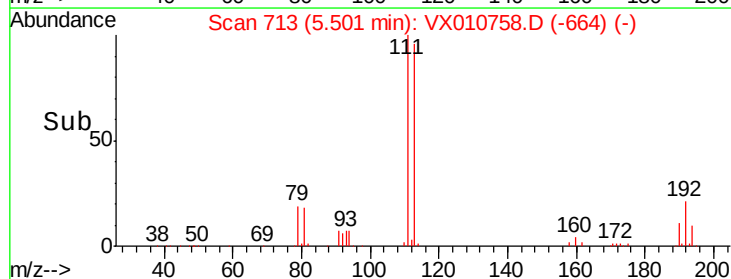
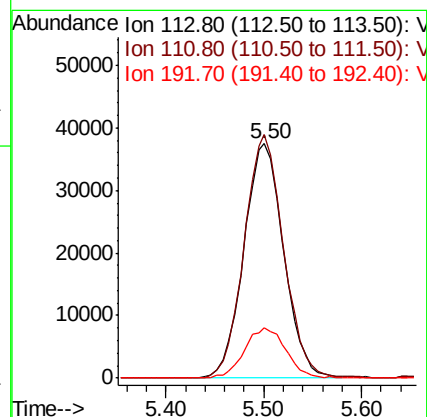
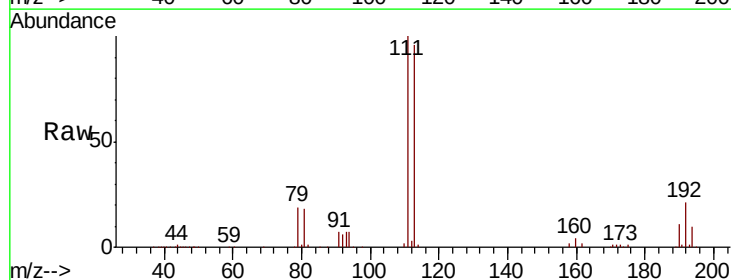
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 PB121213TB

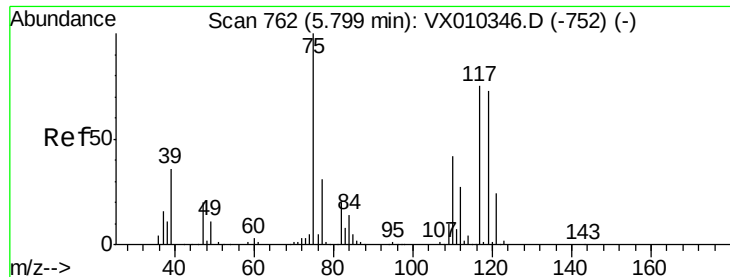
Tot Ion:114 Resp: 349996  
 Ion Ratio Lower Upper  
 114 100  
 63 16.9 0.0 33.8  
 88 14.1 0.0 27.6



#35  
 Dibromofluoromethane  
 Concen: 49.496 ug/l  
 RT: 5.50 min Scan# 713  
 Delta R.T. 0.00 min  
 Lab File: VX010758.D  
 Acq: 09 Jul 2019 18:07

Tgt Ion:113 Resp: 105990  
 Ion Ratio Lower Upper  
 113 100  
 111 102.6 81.2 121.8  
 192 22.3 18.6 27.8

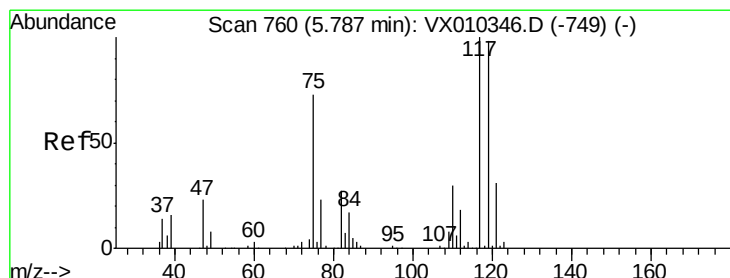
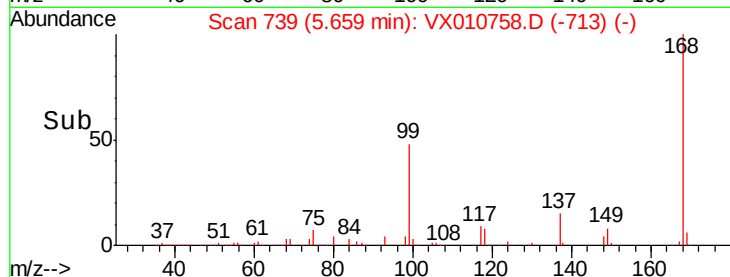
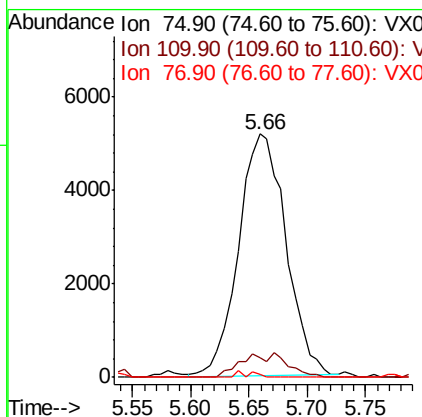
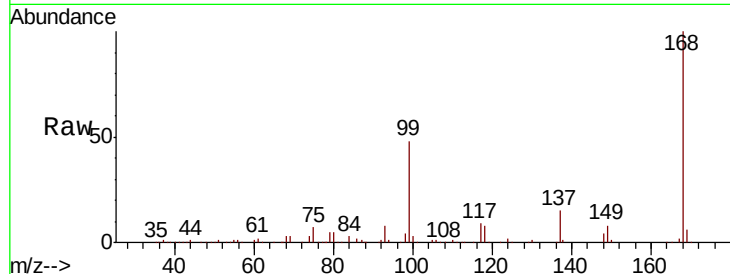




#36  
 1,1-Dichloropropene  
 Concen: 5.249 ug/l  
 RT: 5.66 min Scan# 739  
 Delta R.T. -0.14 min  
 Lab File: VX010758.D  
 Acq: 09 Jul 2019 18:07

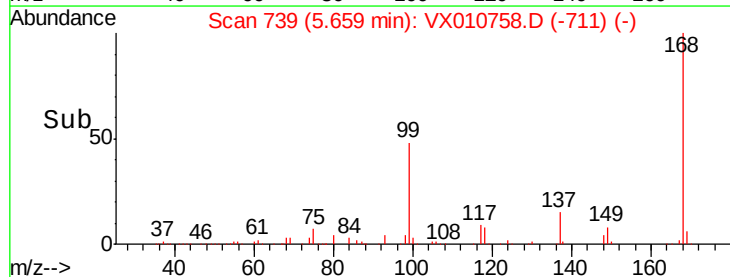
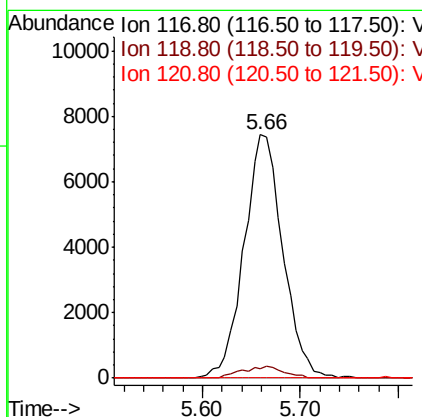
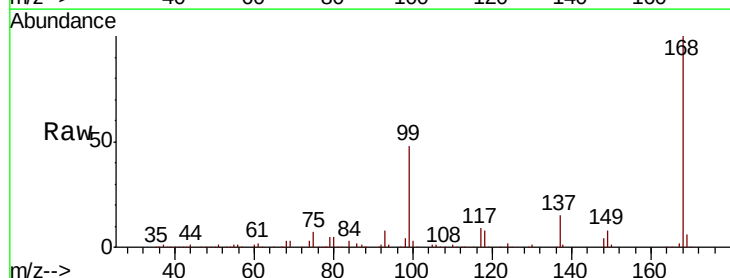
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 PB121213TB

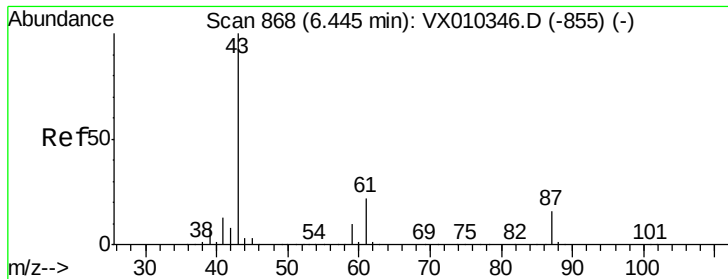
| Tot Ion   | 75  | Resp  | 14600 |
|-----------|-----|-------|-------|
| Ion Ratio | 100 | Lower | Upper |
| 110       | 5.7 | 20.8  | 62.2# |
| 77        | 0.3 | 25.4  | 38.0# |



#38  
 Carbon Tetrachloride  
 Concen: 6.806 ug/l  
 RT: 5.66 min Scan# 739  
 Delta R.T. -0.13 min  
 Lab File: VX010758.D  
 Acq: 09 Jul 2019 18:07

| Tgt Ion   | 117 | Resp  | 20498  |
|-----------|-----|-------|--------|
| Ion Ratio | 100 | Lower | Upper  |
| 119       | 3.9 | 78.2  | 117.4# |
| 121       | 0.0 | 24.7  | 37.1#  |





#43

Isopropyl Acetate

Concen: 2.643 ug/l

RT: 6.45 min Scan# 869

Delta R.T. 0.01 min

Lab File: VX010758.D

Acq: 09 Jul 2019 18:07

Instrument :

MSVOA\_X

ClientSampled :

PB121213TB

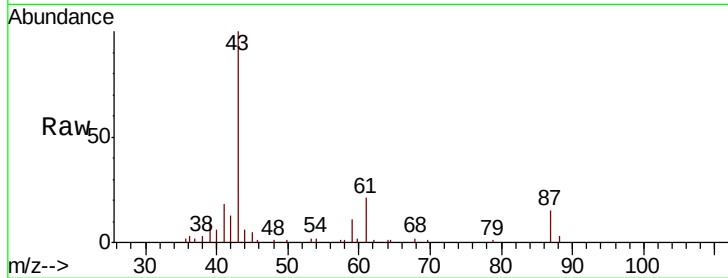
Tot Ion: 43 Resp: 12511

Ion Ratio Lower Upper

43 100

61 23.2 17.8 26.6

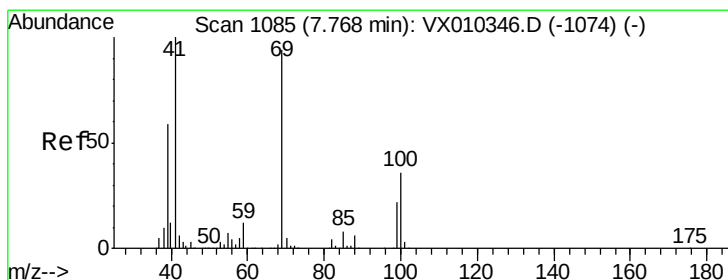
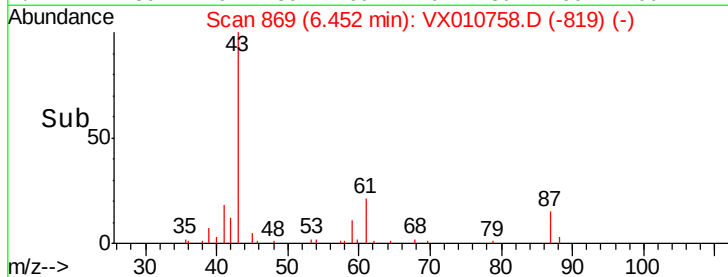
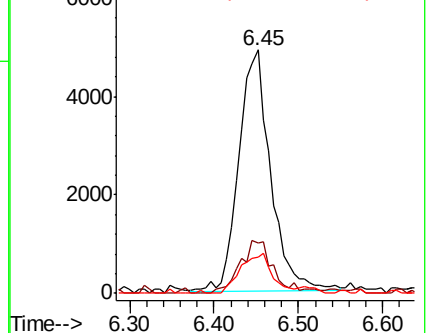
87 16.2 13.0 19.4



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0



#48

Methyl methacrylate

Concen: 37.117 ug/l

RT: 7.87 min Scan# 1102

Delta R.T. 0.10 min

Lab File: VX010758.D

Acq: 09 Jul 2019 18:07

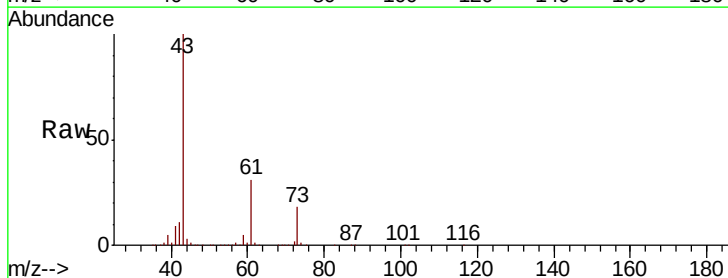
Tgt Ion: 41 Resp: 81672

Ion Ratio Lower Upper

41 100

69 0.2 76.1 114.1#

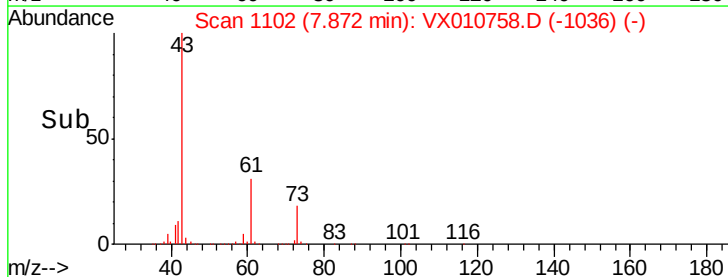
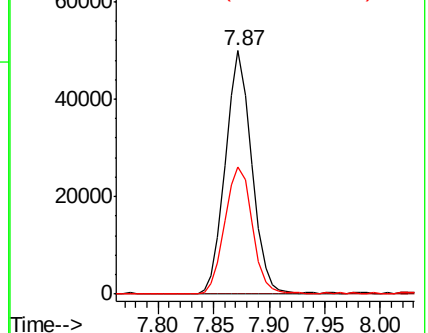
39 55.2 47.6 71.4

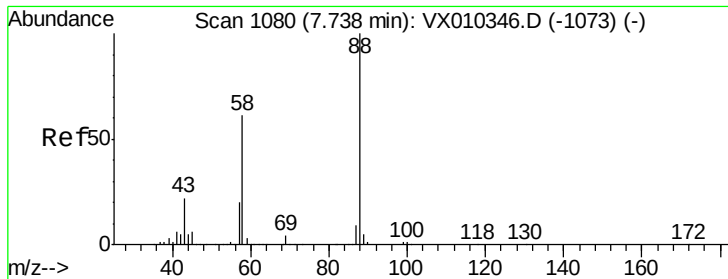


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#49

1,4-Dioxane

Concen: 0.347 ug/l

RT: 7.71 min Scan# 1076

Delta R.T. -0.02 min

Lab File: VX010758.D

Acq: 09 Jul 2019 18:07

Instrument :

MSVOA\_X

ClientSampleId :

PB121213TB

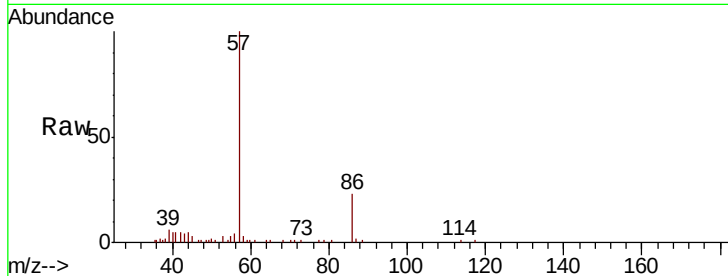
Tot Ion: 88 Resp: 22

Ion Ratio Lower Upper

88 100

43 0.0 20.2 30.2#

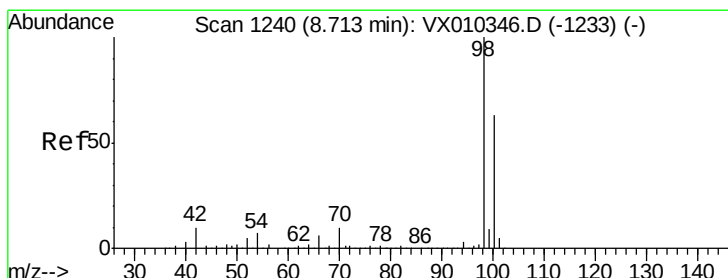
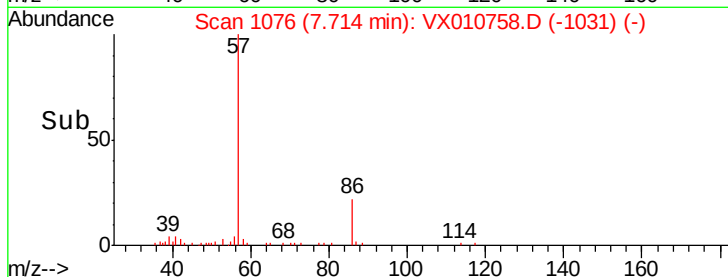
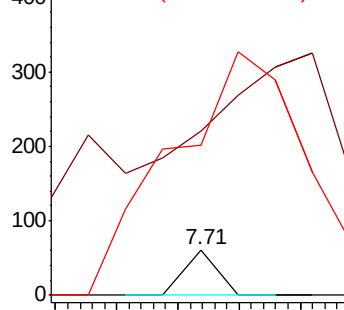
58 2272.7 49.5 74.3#



Abundance Ion 88.00 (87.70 to 88.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#50

Toluene-d8

Concen: 52.361 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX010758.D

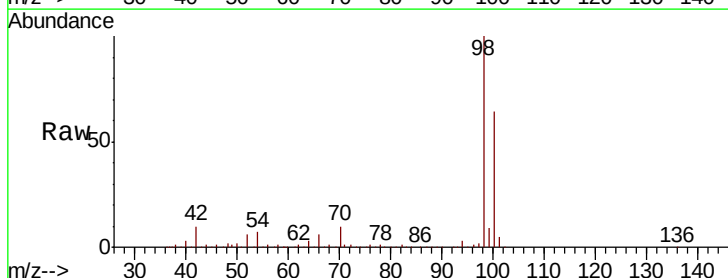
Acq: 09 Jul 2019 18:07

Tgt Ion: 98 Resp: 428976

Ion Ratio Lower Upper

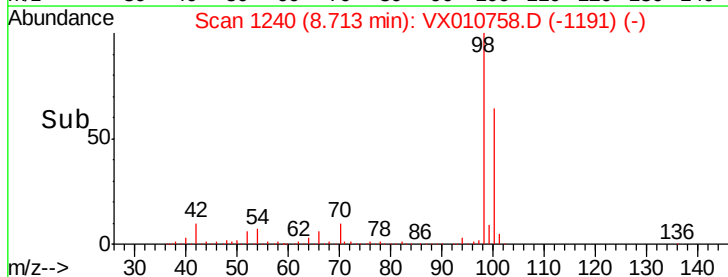
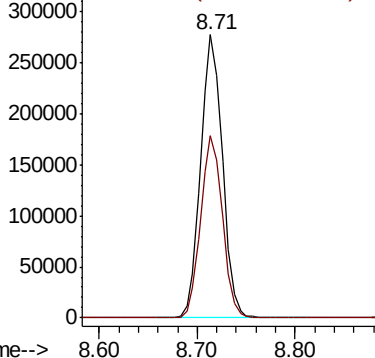
98 100

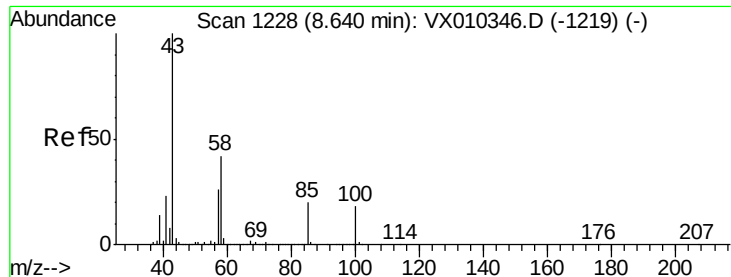
100 64.2 51.6 77.4



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V

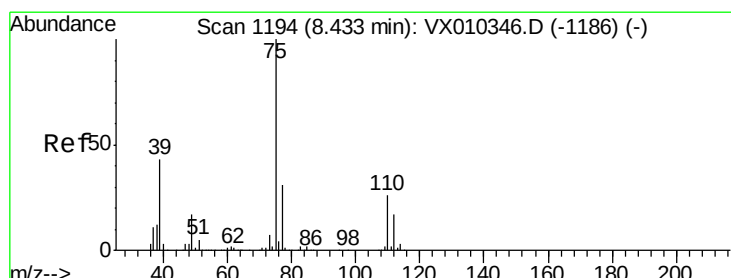
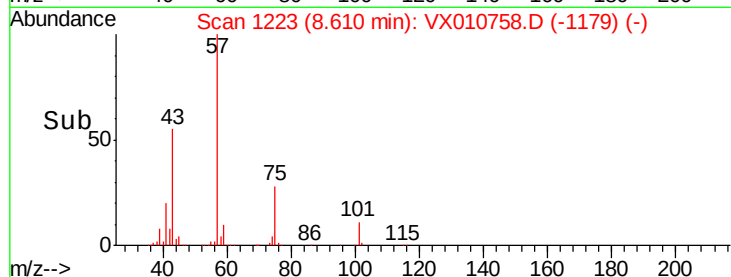
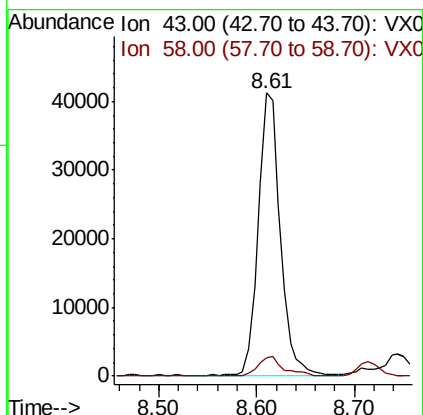
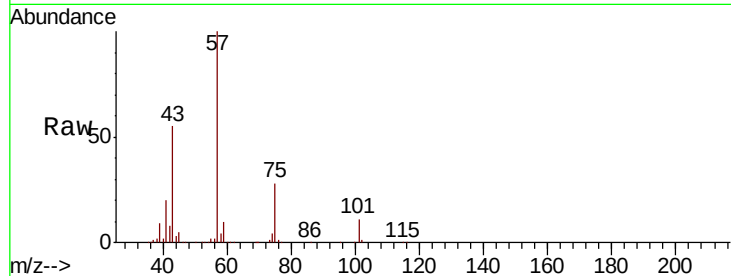




#51  
4-Methyl-2-Pentanone  
Concen: 21.291 ug/l  
RT: 8.61 min Scan# 1223  
Delta R.T. -0.03 min  
Lab File: VX010758.D  
Acq: 09 Jul 2019 18:07

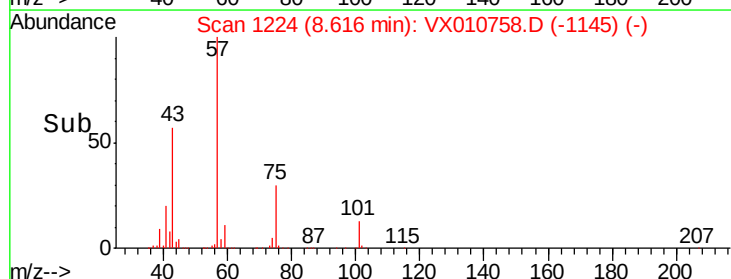
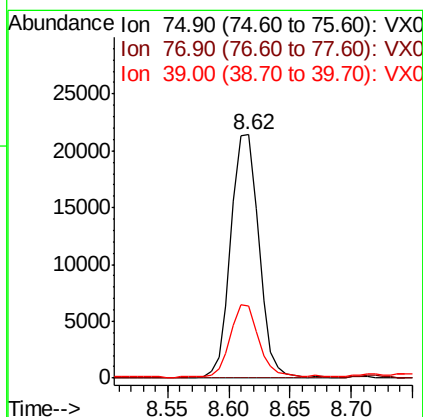
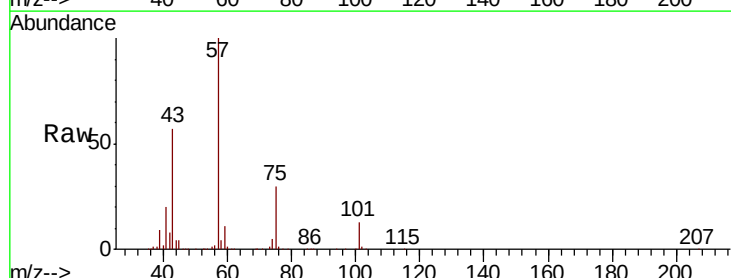
Instrument :  
MSVOA\_X  
ClientSampleId :  
PB121213TB

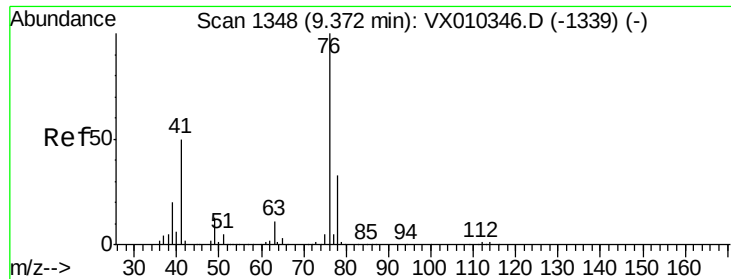
Tot Ion: 43 Resp: 64460  
Ion Ratio Lower Upper  
43 100  
58 8.2 33.5 50.3#



#54  
cis-1,3-Dichloropropene  
Concen: 9.716 ug/l  
RT: 8.62 min Scan# 1224  
Delta R.T. 0.18 min  
Lab File: VX010758.D  
Acq: 09 Jul 2019 18:07

Tgt Ion: 75 Resp: 34059  
Ion Ratio Lower Upper  
75 100  
77 0.4 25.2 37.8#  
39 28.9 34.5 51.7#

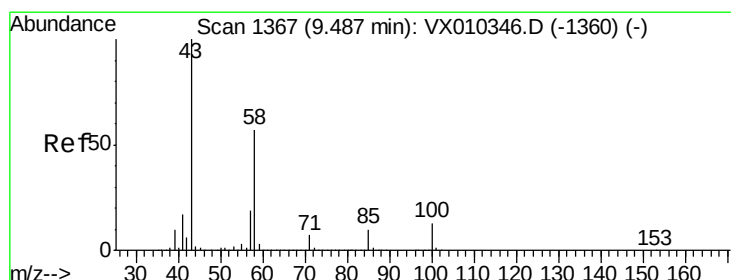
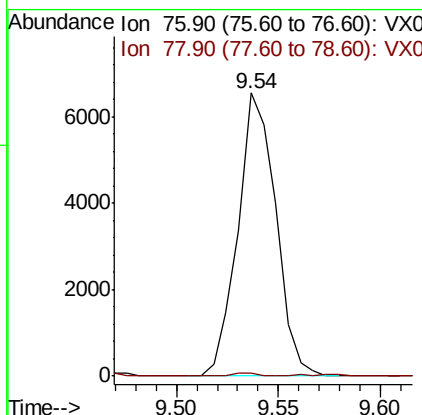
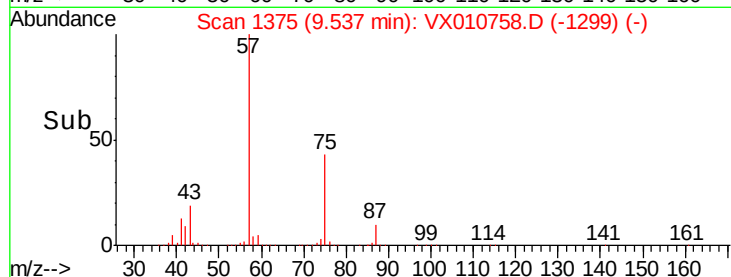
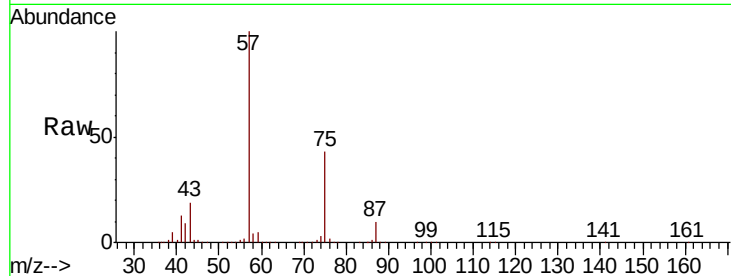




#57  
 1,3-Dichloropropane  
 Concen: 2.314 ug/l  
 RT: 9.54 min Scan# 1375  
 Delta R.T. 0.16 min  
 Lab File: VX010758.D  
 Acq: 09 Jul 2019 18:07

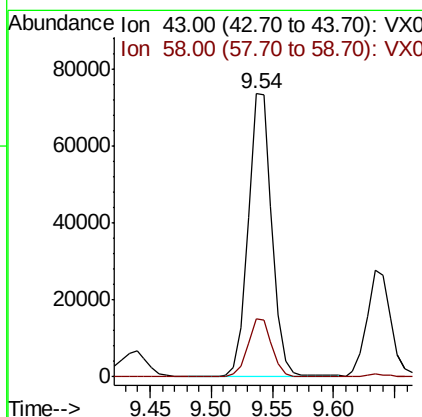
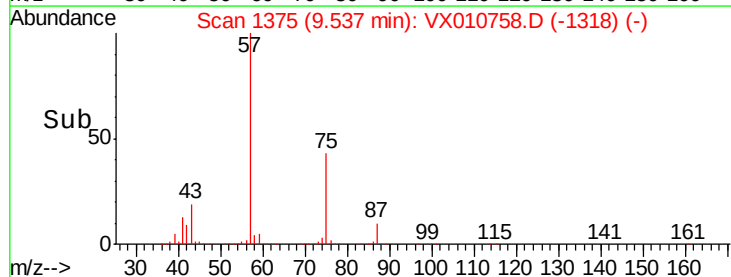
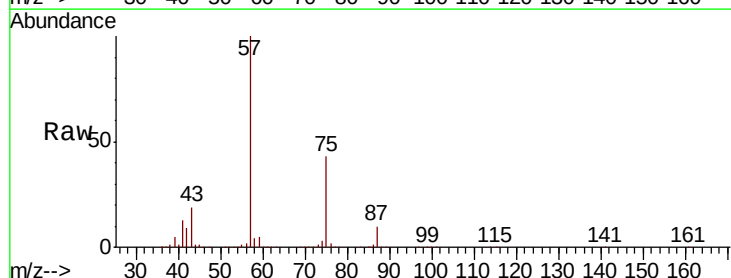
Instrument :  
 MSVOA\_X  
 ClientSampled :  
 PB121213TB

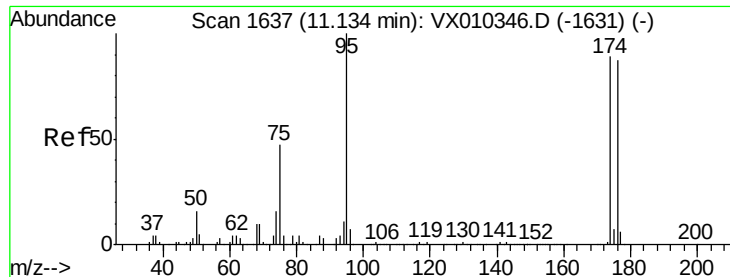
Tot Ion: 76 Resp: 8454  
 Ion Ratio Lower Upper  
 76 100  
 78 0.5 26.1 39.1#



#59  
 2-Hexanone  
 Concen: 41.696 ug/l  
 RT: 9.54 min Scan# 1375  
 Delta R.T. 0.05 min  
 Lab File: VX010758.D  
 Acq: 09 Jul 2019 18:07

Tgt Ion: 43 Resp: 99355  
 Ion Ratio Lower Upper  
 43 100  
 58 20.7 29.0 87.1#





#62

4-Bromofluorobenzene

Concen: 49.058 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX010758.D

Acq: 09 Jul 2019 18:07

Instrument :

MSVOA\_X

ClientSampleId :

PB121213TB

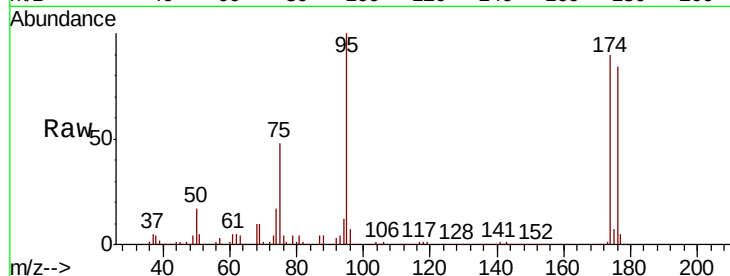
Tot Ion: 95 Resp: 145101

Ion Ratio Lower Upper

95 100

174 94.0 0.0 187.6

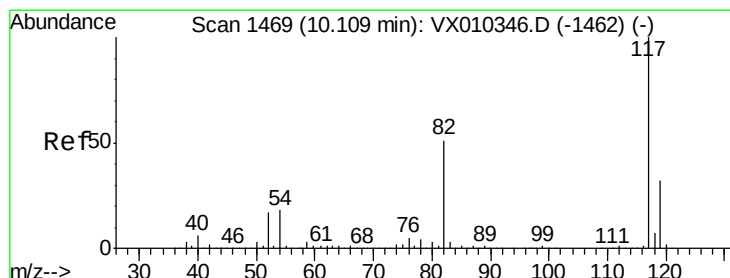
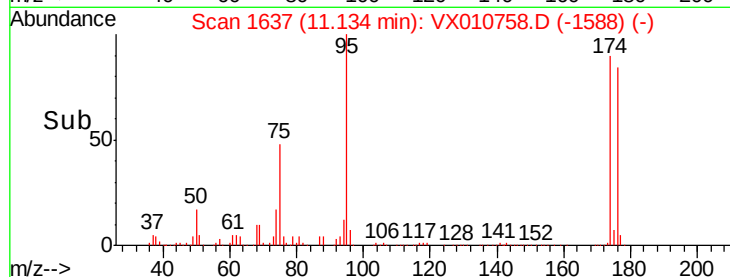
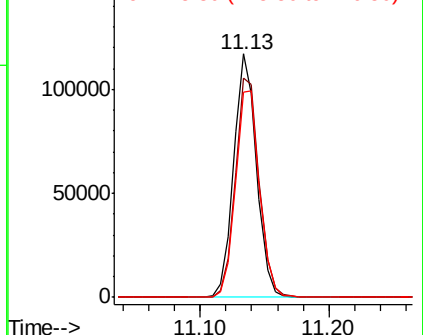
176 89.1 0.0 184.0



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1469

Delta R.T. 0.00 min

Lab File: VX010758.D

Acq: 09 Jul 2019 18:07

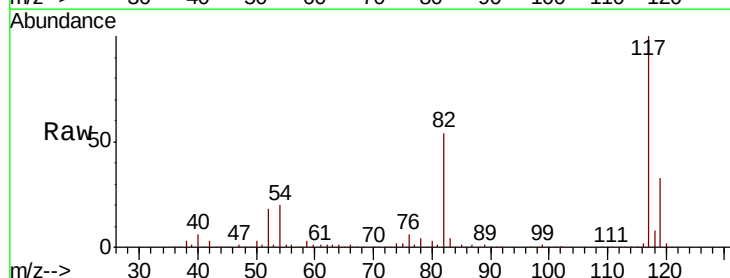
Tgt Ion: 117 Resp: 329337

Ion Ratio Lower Upper

117 100

82 53.5 41.2 61.8

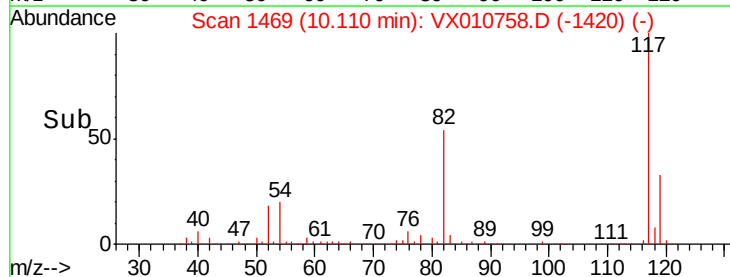
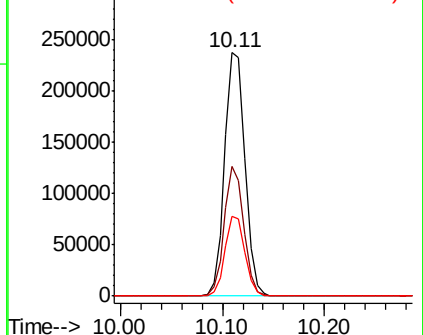
119 32.8 25.5 38.3

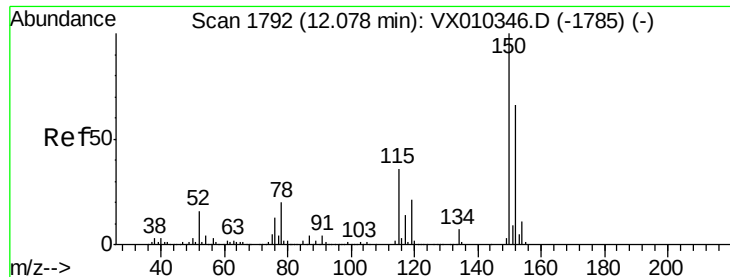


Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VX0

Ion 118.90 (118.60 to 119.60): V





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX010758.D

Acq: 09 Jul 2019 18:07

Instrument :

MSVOA\_X

ClientSampleId :

PB121213TB

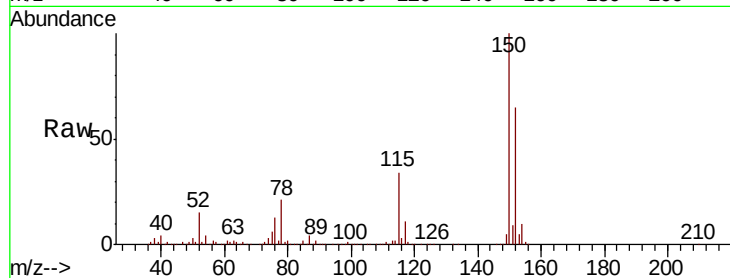
Tot Ion:152 Resp: 152433

Ion Ratio Lower Upper

152 100

115 54.2 38.6 115.7

150 154.6 0.0 347.4

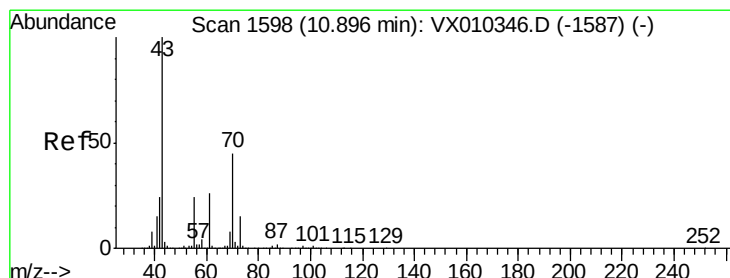
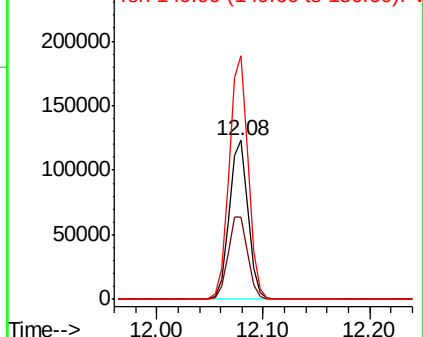
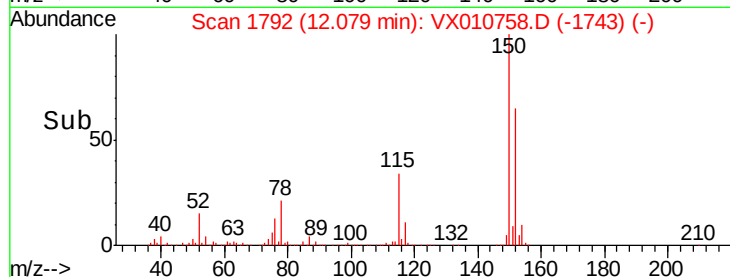


Abundance

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: 2.592 ug/l

RT: 10.69 min Scan# 1565

Delta R.T. -0.20 min

Lab File: VX010758.D

Acq: 09 Jul 2019 18:07

Tgt Ion: 43 Resp: 10123

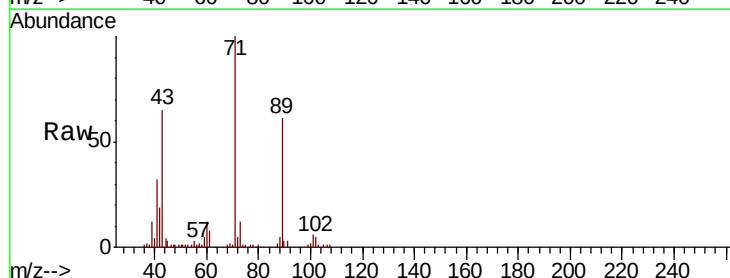
Ion Ratio Lower Upper

43 100

70 3.3 36.6 54.8#

55 5.0 18.7 28.1#

61 11.7 20.6 31.0#



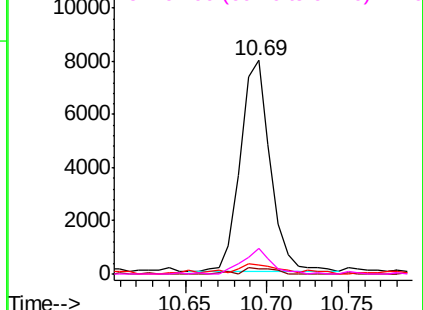
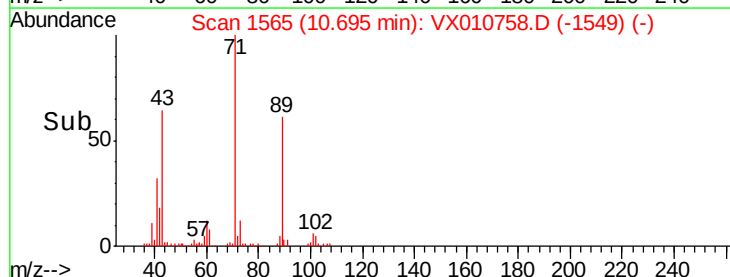
Abundance

Ion 43.00 (42.70 to 43.70): VX0

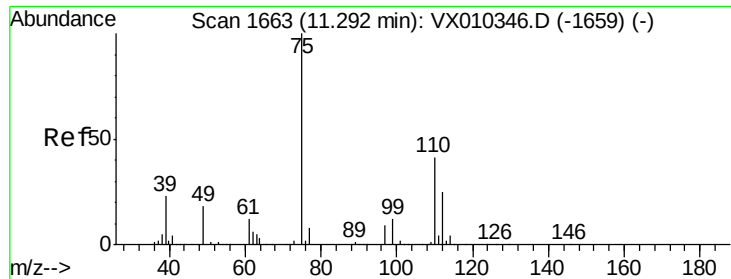
Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0







#76

1,2,3-Trichloropropane

Concen: 25.689 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.16 min

Lab File: VX010758.D

Acq: 09 Jul 2019 18:07

Instrument :

MSVOA\_X

ClientSampleId :

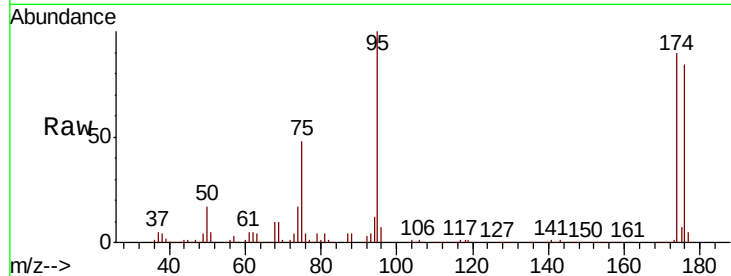
PB121213TB

Tot Ion: 75 Resp: 71358

Ion Ratio Lower Upper

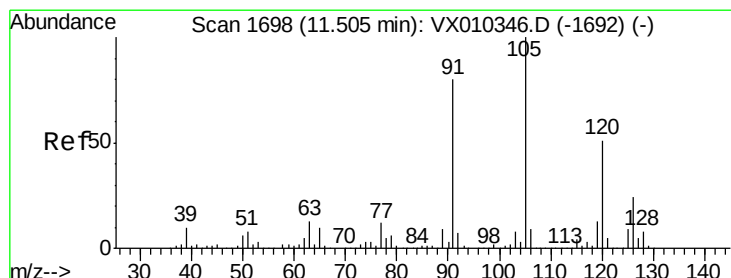
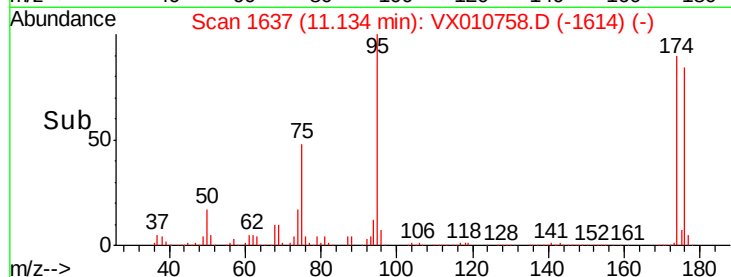
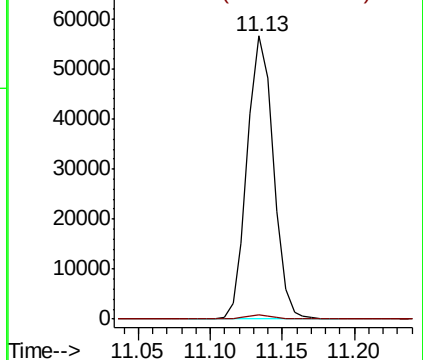
75 100

77 1.5 22.6 67.8#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0



#80

1,3,5-Trimethylbenzene

Concen: 0.677 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. 0.00 min

Lab File: VX010758.D

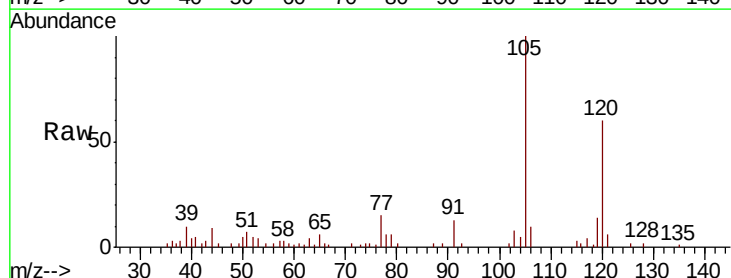
Acq: 09 Jul 2019 18:07

Tgt Ion: 105 Resp: 5769

Ion Ratio Lower Upper

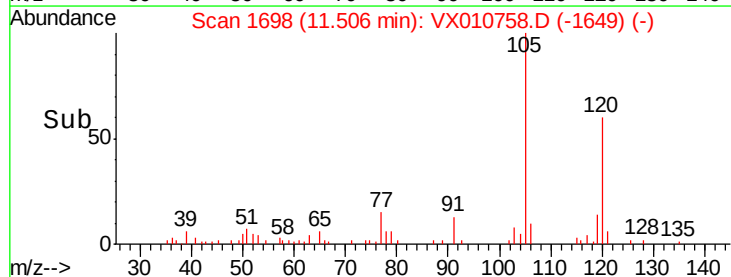
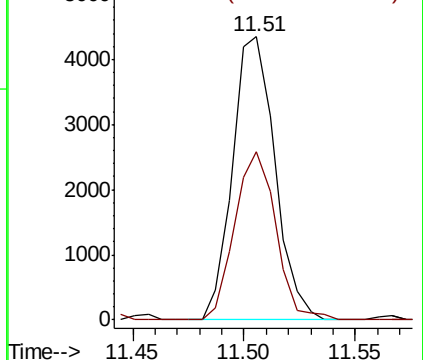
105 100

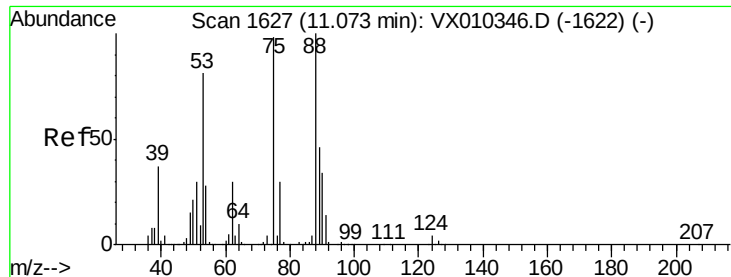
120 57.5 25.2 75.6



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: 59.931 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.06 min

Lab File: VX010758.D

Acq: 09 Jul 2019 18:07

Instrument :

MSVOA\_X

ClientSampleId :

PB121213TB

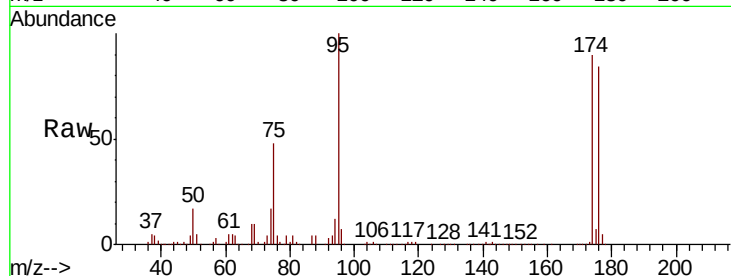
Tot Ion: 75 Resp: 71358

Ion Ratio Lower Upper

75 100

53 0.2 66.1 99.1#

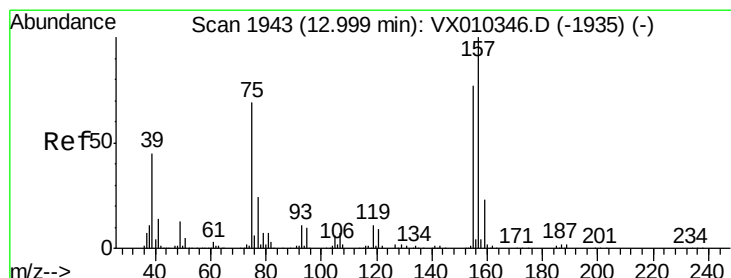
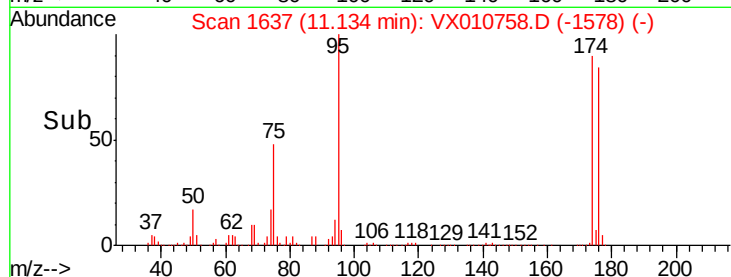
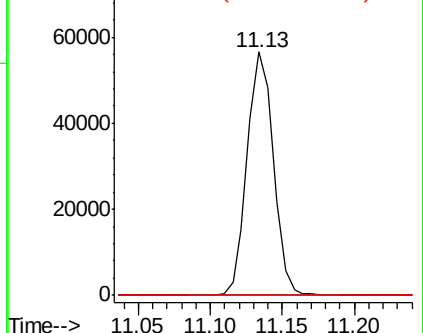
89 0.0 37.8 56.6#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0



#92

1,2-Dibromo-3-Chloropropane

Concen: 0.595 ug/l

RT: 12.97 min Scan# 1939

Delta R.T. -0.02 min

Lab File: VX010758.D

Acq: 09 Jul 2019 18:07

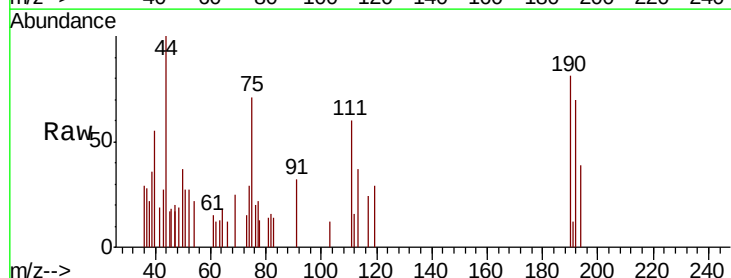
Tgt Ion: 75 Resp: 439

Ion Ratio Lower Upper

75 100

155 0.0 54.4 163.1#

157 0.0 69.5 208.3#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

